

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073016\
 Data File : BF089439.D
 Acq On : 30 Jul 2016 6:10
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:00:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	49342	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	202890	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	80216	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	129193	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	95814	20.00	ng	-0.03
86) Perylene-d12	14.97	264	109491	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	244407	79.09	ng	-0.02
7) Phenol-d6	6.18	99	315407	77.23	ng	-0.02
23) Nitrobenzene-d5	7.10	82	295223	85.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	47302	71.20	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	474252	86.77	ng	-0.03
78) Terphenyl-d14	12.59	244	287213	70.16	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	57649	41.29	ng	97
3) Pyridine	2.49	79	134910	44.62	ng	99
4) n-Nitrosodimethylamine	2.47	42	47712	39.89	ng	97
6) Aniline	6.18	93	198788	45.08	ng	94
8) 2-Chlorophenol	6.31	128	137952	39.47	ng	96
9) Benzaldehyde	6.06	77	67627	33.91	ng	88
10) Phenol	6.19	94	189872	42.13	ng	91
11) bis(2-Chloroethyl)ether	6.26	93	144328	37.69	ng	90
12) 1,3-Dichlorobenzene	6.54	146	150222	41.09	ng	95
13) 1,4-Dichlorobenzene	6.54	146	163705	40.57	ng	96
14) 1,2-Dichlorobenzene	6.54	146	166425	44.03	ng	97
15) Benzyl Alcohol	6.68	79	102804	40.56	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	156467	37.46	ng	95
17) 2-Methylphenol	6.80	107	97593	36.12	ng	98
18) Hexachloroethane	7.03	117	61214	39.57	ng	# 87
19) n-Nitroso-di-n-propylamine	6.96	70	97516	39.60	ng	98
20) 3+4-Methylphenols	6.96	107	133439	38.46	ng	95
22) Acetophenone	6.95	105	203735	42.18	ng	# 98
24) Nitrobenzene	7.12	77	142140	36.33	ng	97
25) Isophorone	7.36	82	259343	37.45	ng	99
26) 2-Nitrophenol	7.43	139	69659	39.83	ng	# 83
27) 2,4-Dimethylphenol	7.48	122	110266	39.57	ng	99
28) bis(2-Chloroethoxy)methane	7.58	93	171364	44.71	ng	99
29) 2,4-Dichlorophenol	7.68	162	105876	41.70	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	119920	41.40	ng	# 94
31) Naphthalene	7.83	128	413009	41.11	ng	100
32) Benzoic acid	7.63	122	50207	25.86	ng	99
33) 4-Chloroaniline	7.90	127	152278	39.81	ng	98
34) Hexachlorobutadiene	7.95	225	69300	41.77	ng	98
35) Caprolactam	8.26	113	24289	31.69	ng	93
36) 4-Chloro-3-methylphenol	8.39	107	108312	35.89	ng	93
37) 2-Methylnaphthalene	8.51	142	237326	39.20	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	135917	48.42	ng	99
40) Hexachlorocyclopentadiene	8.67	237	21714	33.03	ng	98

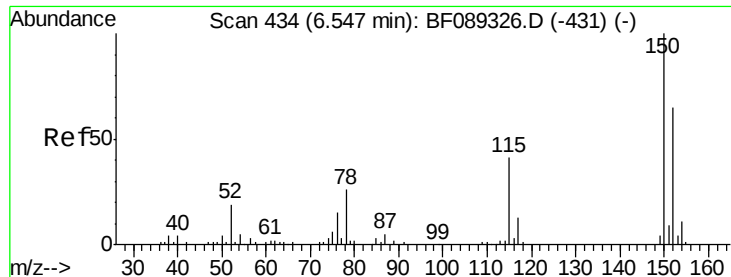
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073016\
 Data File : BF089439.D
 Acq On : 30 Jul 2016 6:10
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_F
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Quant Time: Aug 01 01:00:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	60678	45.46	nq	100
43) 2,4,5-Trichlorophenol	8.84	196	73253	43.33	nq	# 92
45) 1,1'-Biphenyl	8.98	154	320692	46.95	nq	96
46) 2-Chloronaphthalene	9.00	162	229878	44.82	nq	93
47) 2-Nitroaniline	9.11	65	69430	45.71	nq	# 85
48) Acenaphthylene	9.40	152	328511	40.66	nq	100
49) Dimethylphthalate	9.29	163	240954	39.47	nq	99
50) 2,6-Dinitrotoluene	9.35	165	47380	37.77	nq	# 57
51) Acenaphthene	9.58	154	187331	39.71	nq	99
52) 3-Nitroaniline	9.52	138	56930	43.01	nq	83
53) 2,4-Dinitrophenol	9.66	184	5442	18.84	nq	98
54) Dibenzofuran	9.75	168	265855	41.35	nq	98
55) 4-Nitrophenol	9.75	139	136979	202.23	nq	# 9
56) 2,4-Dinitrotoluene	9.76	165	58324	35.32	nq	# 68
57) Fluorene	10.09	166	218823	38.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	43376	38.43	nq	95
59) Diethylphthalate	9.99	149	234633	37.91	nq	95
60) 4-Chlorophenyl-phenylether	10.09	204	105051	40.81	nq	90
61) 4-Nitroaniline	10.14	138	49783	36.48	nq	86
62) Azobenzene	10.25	77	239728	37.61	nq	88
64) 4,6-Dinitro-2-methylphenol	10.16	198	18330	25.72	nq	# 39
65) n-Nitrosodiphenylamine	10.22	169	185004	45.89	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	56140	45.51	nq	# 81
67) Hexachlorobenzene	10.64	284	53602	42.41	nq	# 69
68) Atrazine	10.74	200	49916	40.31	nq	98
69) Pentachlorophenol	10.83	266	18017	33.25	nq	96
70) Phenanthrene	11.04	178	272769	40.94	nq	99
71) Anthracene	11.10	178	283462	38.26	nq	98
72) Carbazole	11.26	167	229387	36.78	nq	99
73) Di-n-butylphthalate	11.60	149	322345	38.53	nq	# 98
74) Fluoranthene	12.22	202	261301	37.28	nq	99
76) Benzidine	12.35	184	94221	26.61	nq	98
77) Pyrene	12.45	202	258300	35.57	nq	99
79) Butylbenzylphthalate	13.07	149	117631	35.63	nq	93
80) Benzo(a)anthracene	13.62	228	214011	39.58	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	83034	42.67	nq	# 98
82) Chrysene	13.66	228	223748	38.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	172774	36.20	nq	# 94
84) Di-n-octyl phthalate	14.25	149	307688	41.32	nq	100
85) Indeno(1,2,3-cd)pyrene	16.15	276	248221	60.66	nq	99
87) Benzo(b)fluoranthene	14.65	252	481914	70.87	nq	# 96
88) Benzo(k)fluoranthene	14.65	252	481914	77.09	nq	# 94
89) Benzo(a)pyrene	14.91	252	236600	38.79	nq	99
90) Dibenzo(a,h)anthracene	16.16	278	219131	45.60	nq	97
91) Benzo(g,h,i)perylene	16.50	276	209080	44.27	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

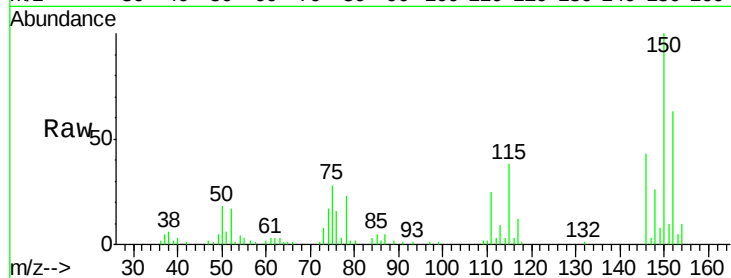
Tot Ion:152 Resp: 49342

Ion Ratio Lower Upper

152 100

150 158.1 129.5 194.3

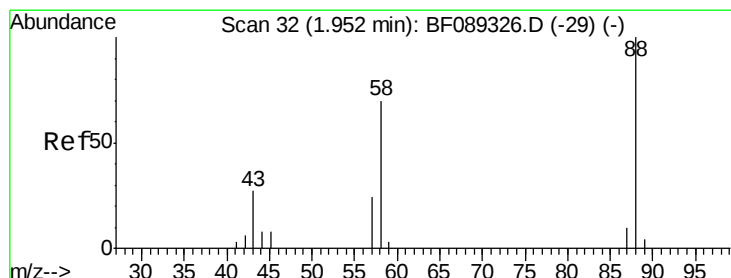
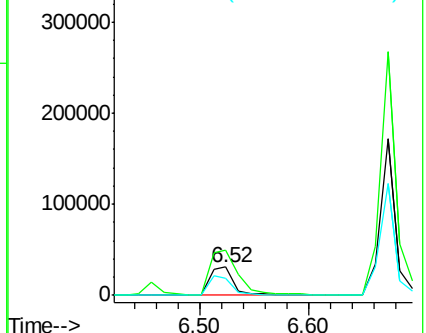
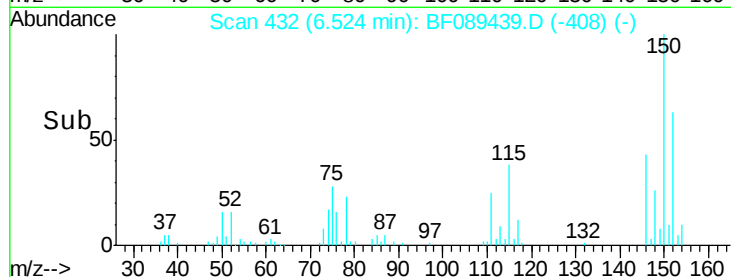
115 59.4 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.29 ng

RT: 1.90 min Scan# 27

Delta R.T. -0.06 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

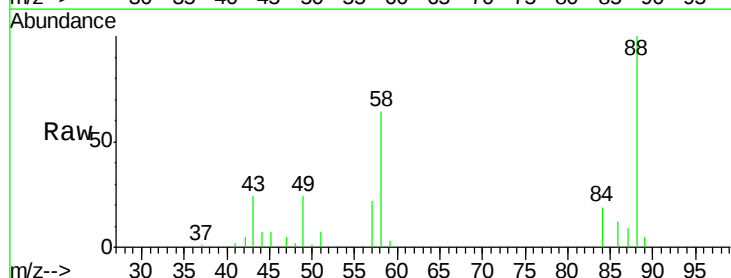
Tgt Ion: 88 Resp: 57649

Ion Ratio Lower Upper

88 100

58 63.4 53.2 79.8

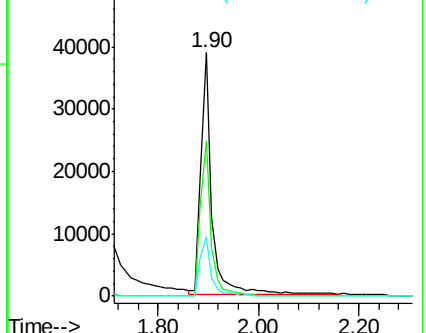
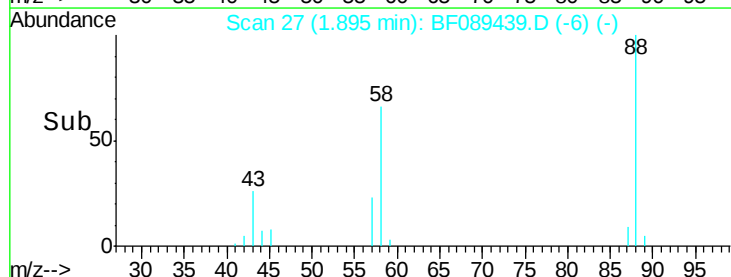
43 25.4 20.6 31.0

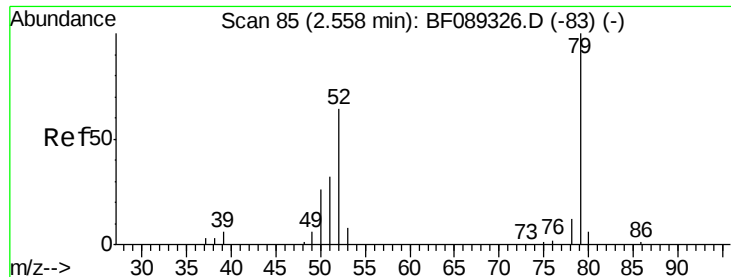


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.62 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

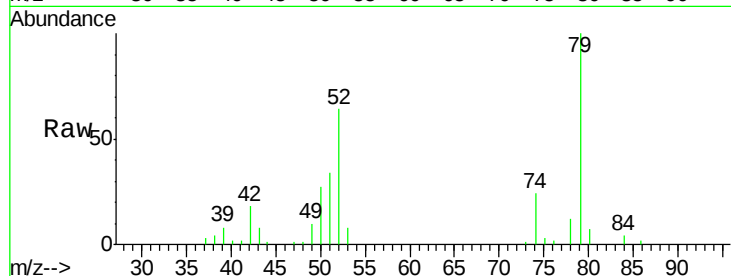
Tot Ion: 79 Resp: 134910

Ion Ratio Lower Upper

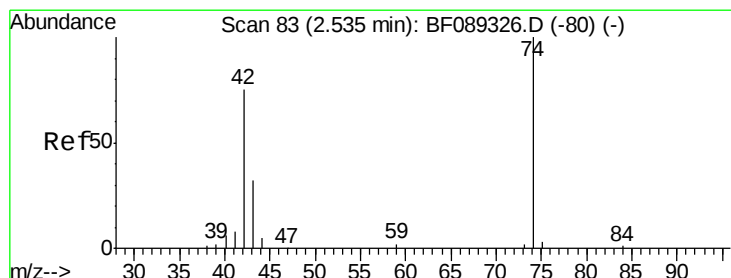
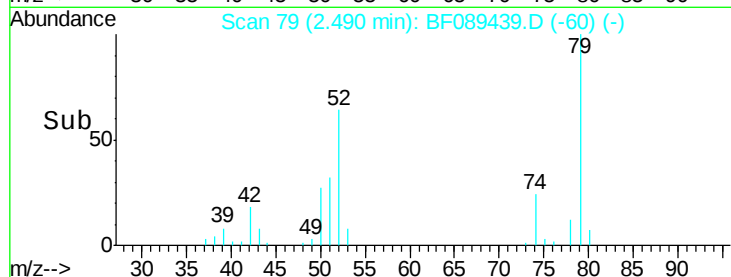
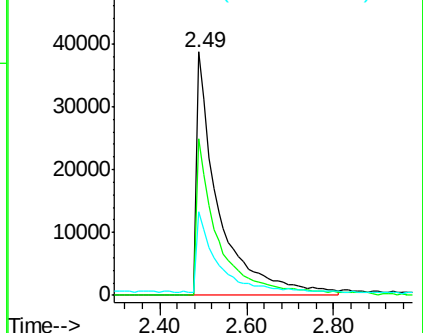
79 100

52 64.3 51.9 77.9

51 34.4 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.89 ng

RT: 2.47 min Scan# 77

Delta R.T. -0.07 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

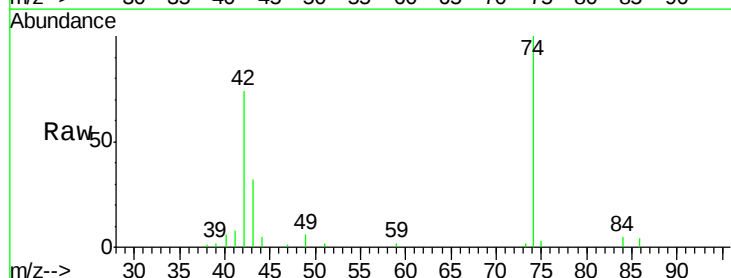
Tgt Ion: 42 Resp: 47712

Ion Ratio Lower Upper

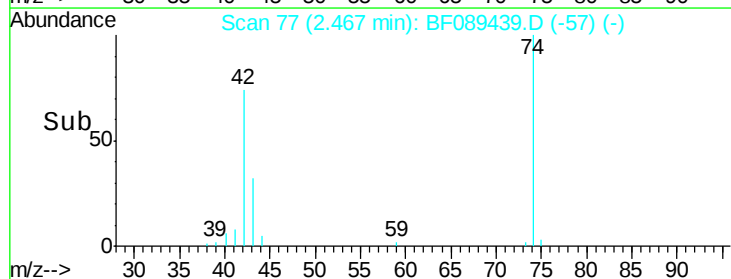
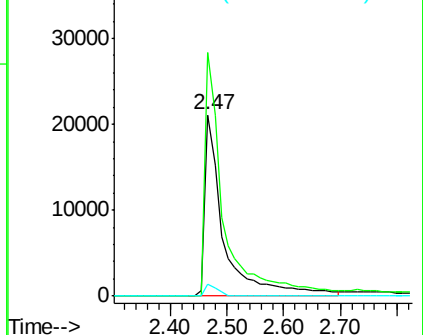
42 100

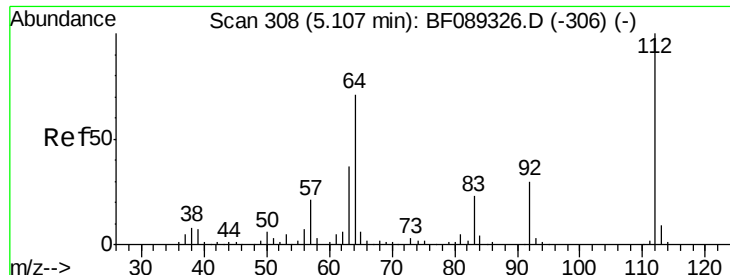
74 134.3 110.8 166.2

44 6.7 5.2 7.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.09 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089439.D

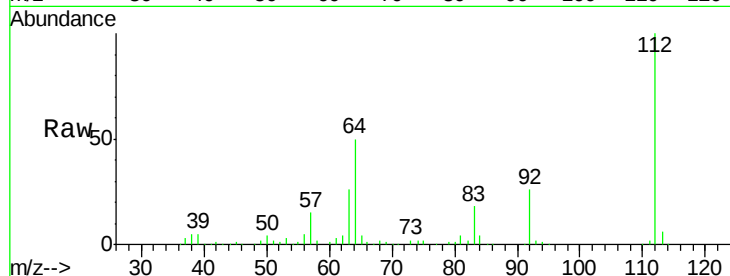
Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampled :

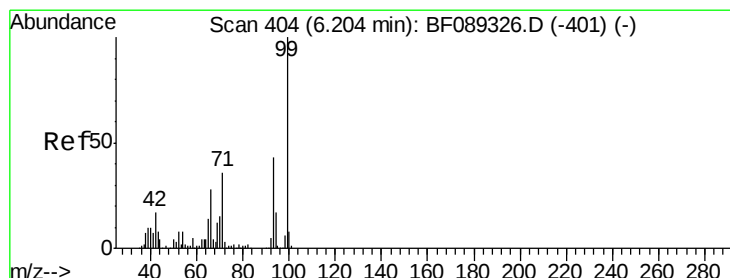
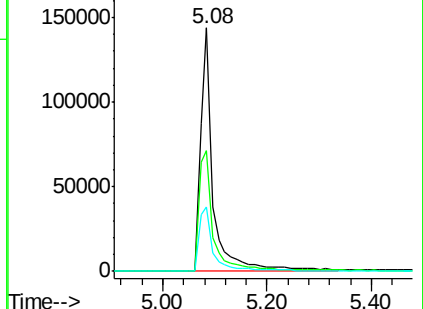
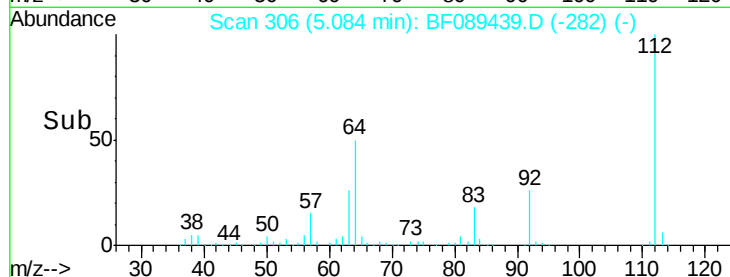
Tot Ion:	112	Resp:	244407
Ion Ratio	Lower	Upper	
112	100		
64	49.6	55.0	82.6#
63	26.3	29.4	44.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.08 ng

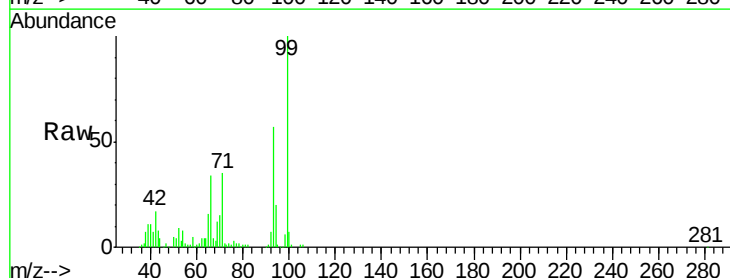
RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

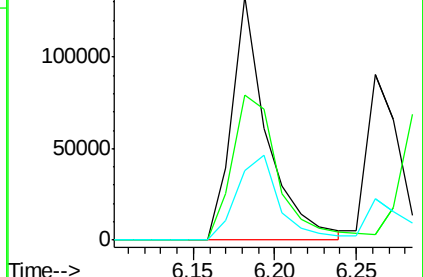
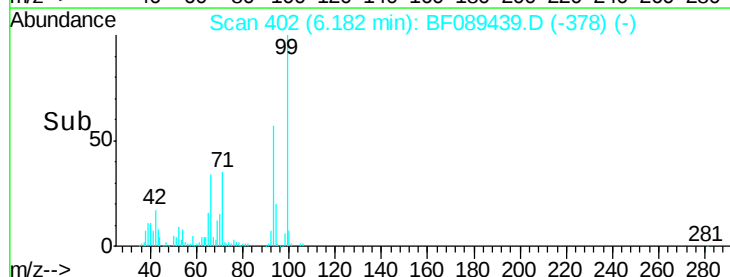
Tgt Ion:	93	Resp:	198788
Ion Ratio	Lower	Upper	
93	100		
66	59.4	51.6	77.4
65	28.4	24.7	37.1

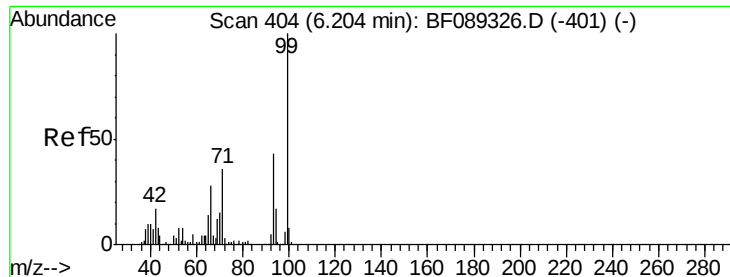


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.23 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

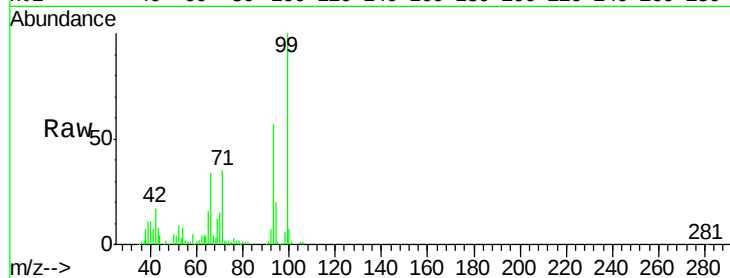
Tot Ion: 99 Resp: 315407

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

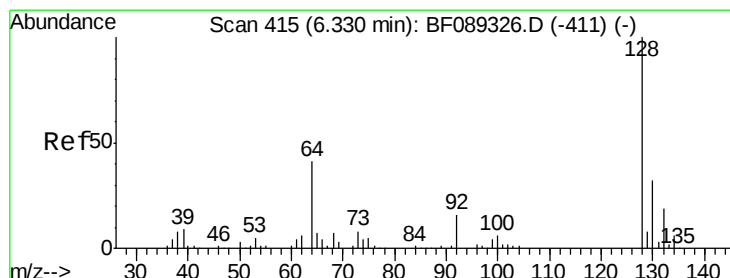
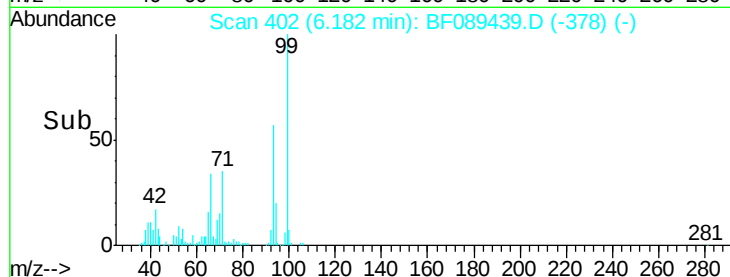
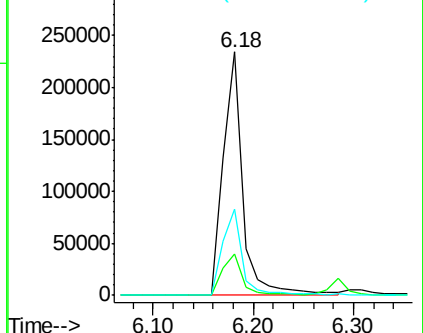
71 35.4 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.47 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

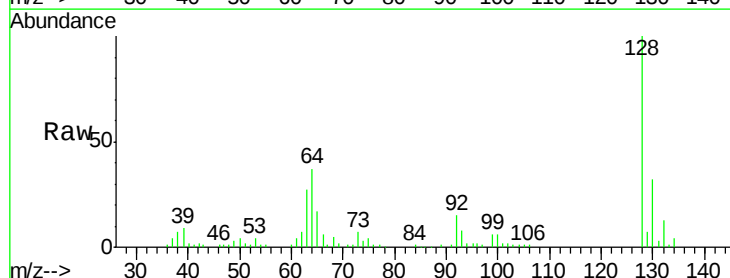
Tgt Ion: 128 Resp: 137952

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

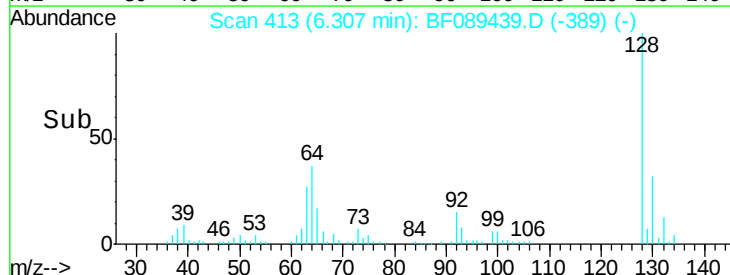
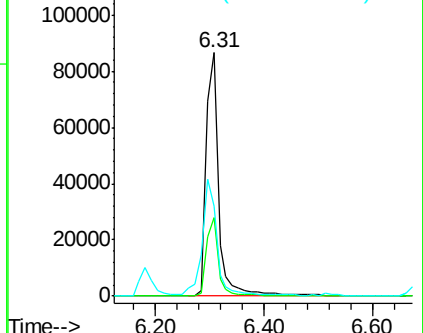
64 37.2 22.1 62.1

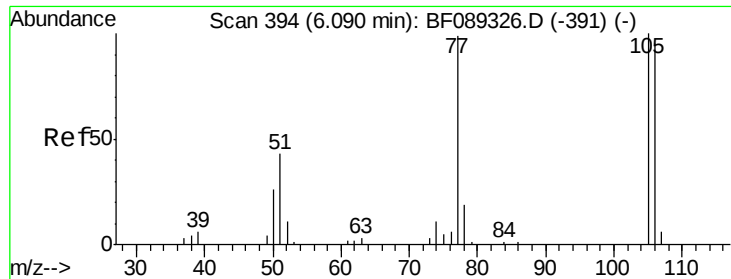


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

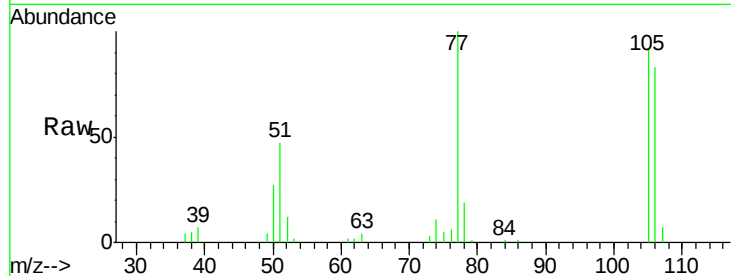




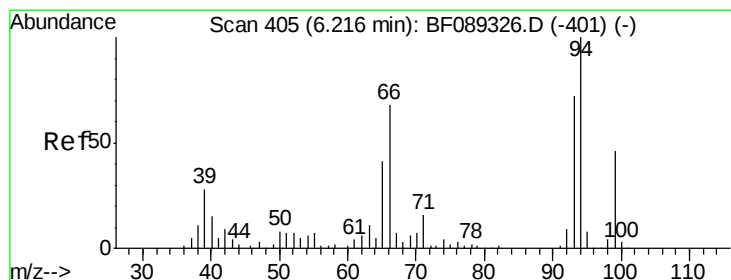
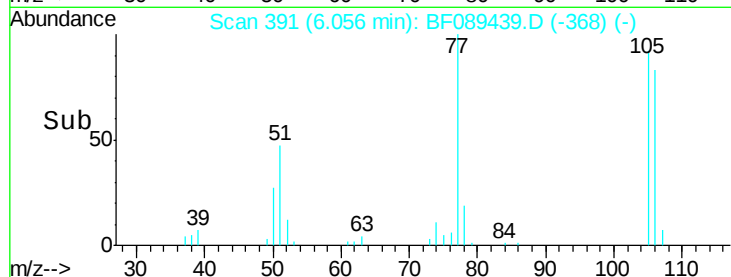
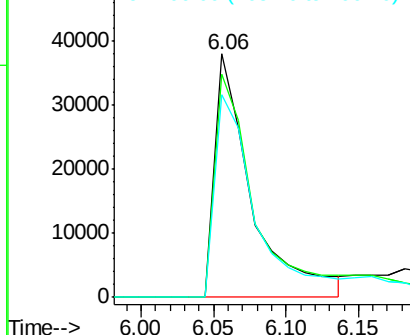
#9
Benzaldehyde
Concen: 33.91 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 67627
Ion Ratio Lower Upper
77 100
105 91.7 82.9 122.9
106 83.4 75.9 115.9

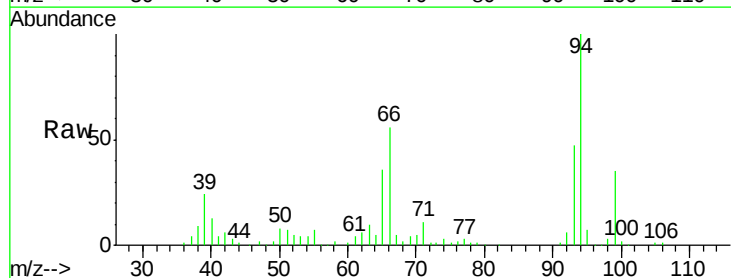


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

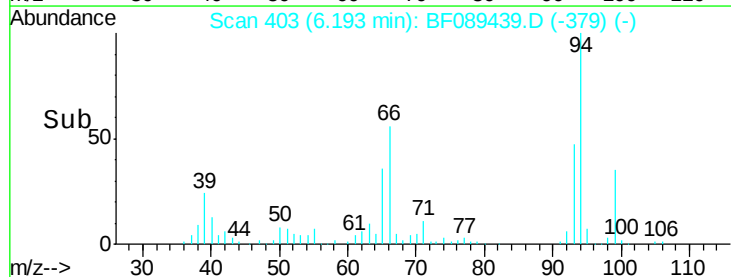
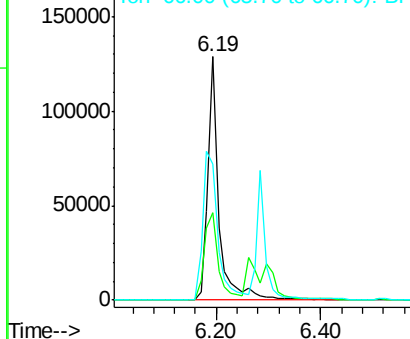


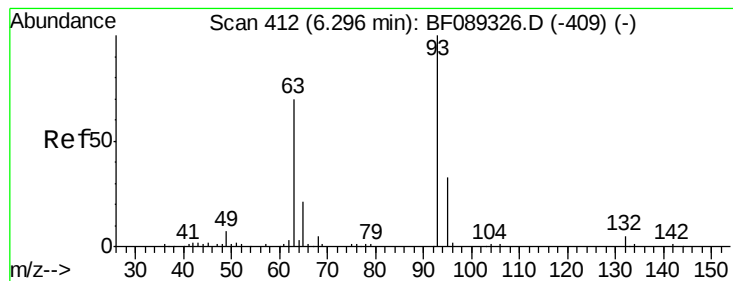
#10
Phenol
Concen: 42.13 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion: 94 Resp: 189872
Ion Ratio Lower Upper
94 100
65 35.9 19.1 59.1
66 55.7 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

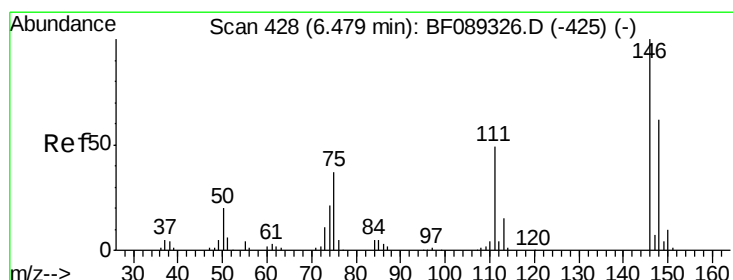
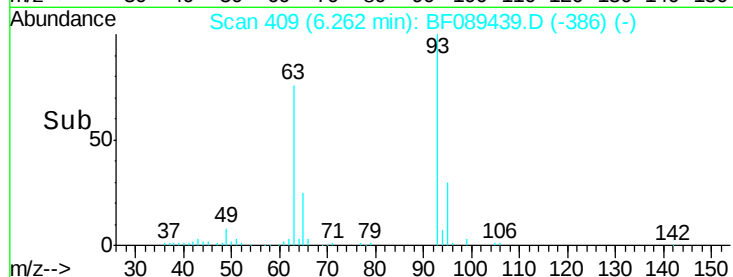
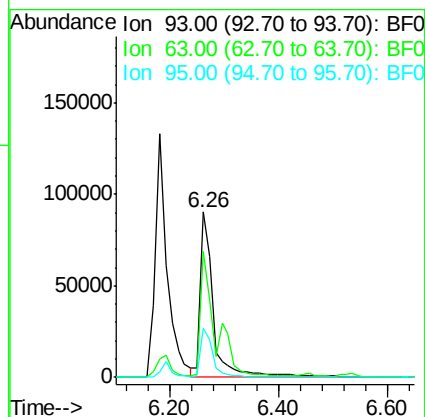
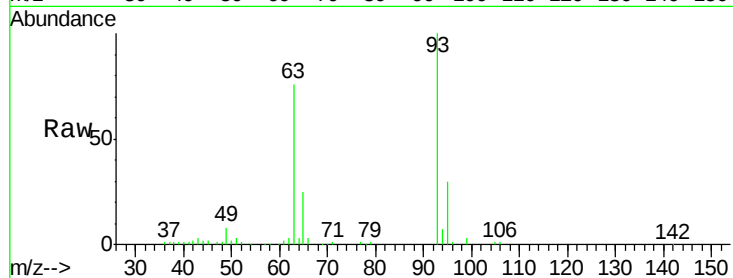




#11
bis(2-Chloroethyl)ether
Concen: 37.69 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

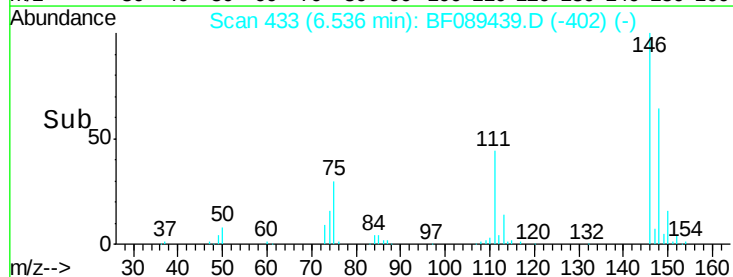
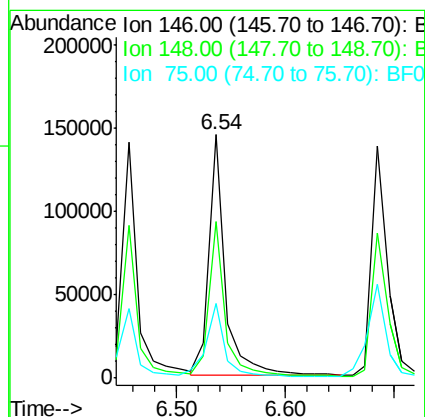
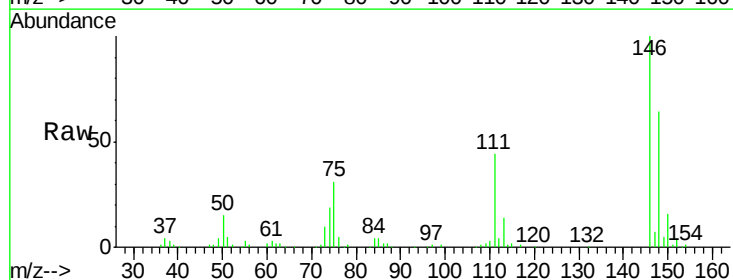
Instrument :
BNA_F
ClientSampleId :

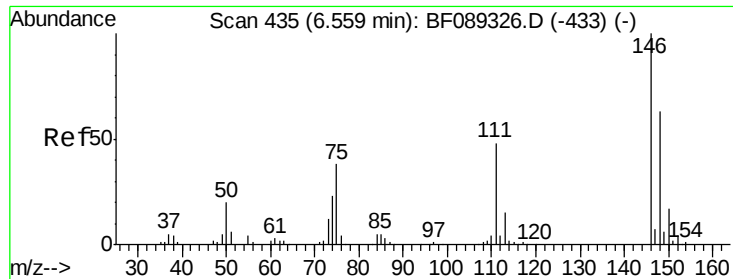
Tot Ion: 93 Resp: 144328
Ion Ratio Lower Upper
93 100
63 76.4 45.6 85.6
95 29.9 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 41.09 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.06 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion: 146 Resp: 150222
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 30.7 30.0 45.0

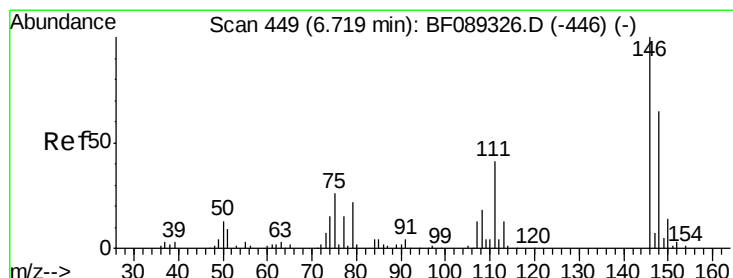
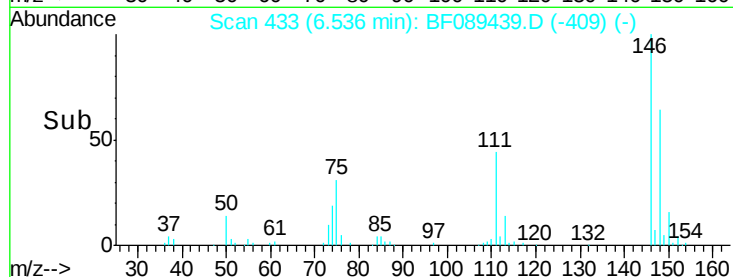
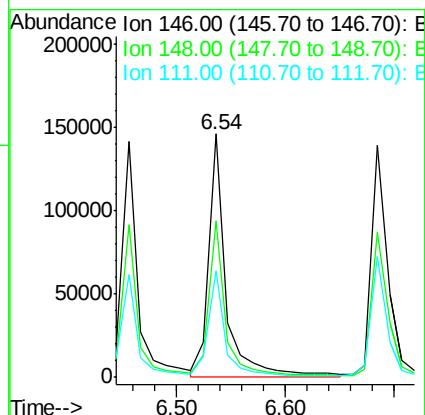
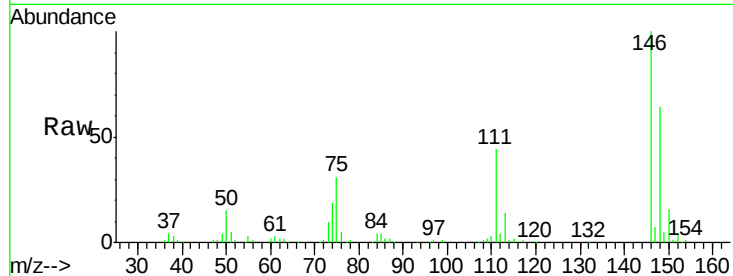




#13
 1,4-Dichlorobenzene
 Concen: 40.57 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

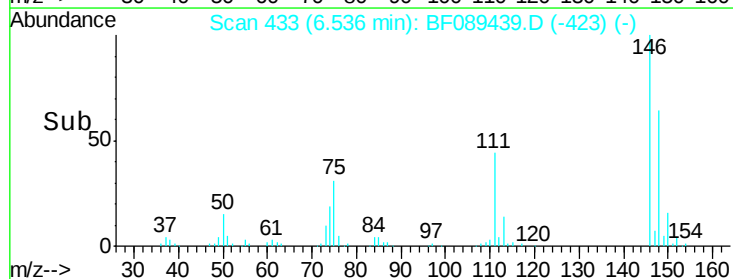
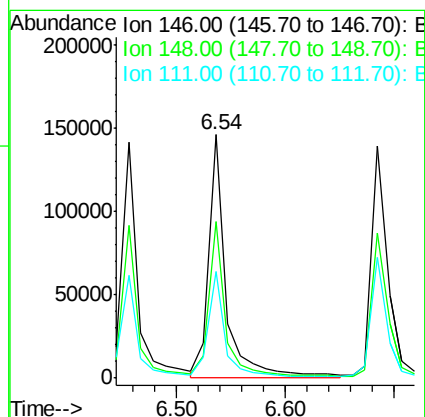
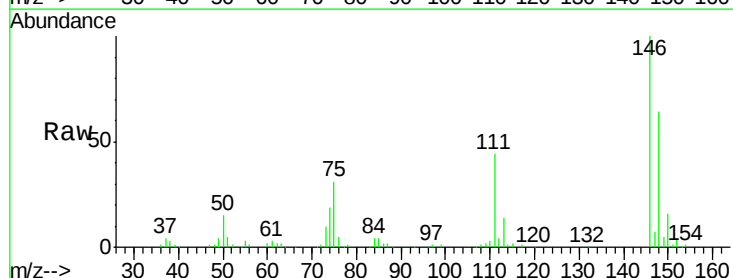
Instrument :
 BNA_F
 ClientSampleId :

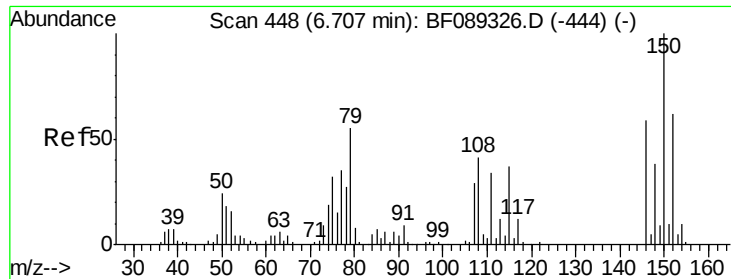
Tot Ion:146 Resp: 163705
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 43.7 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 44.03 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.18 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:146 Resp: 166425
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 43.7 33.0 49.4

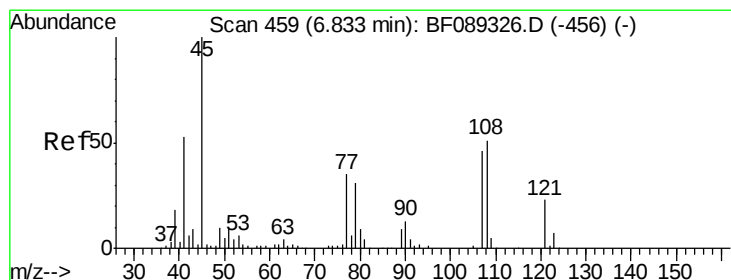
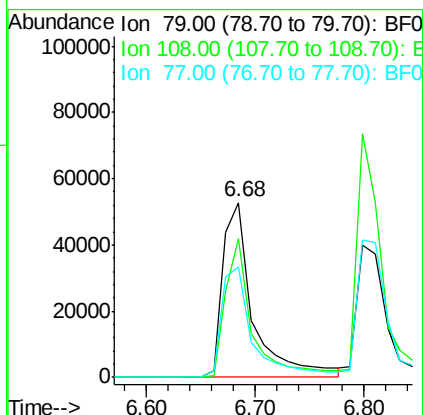
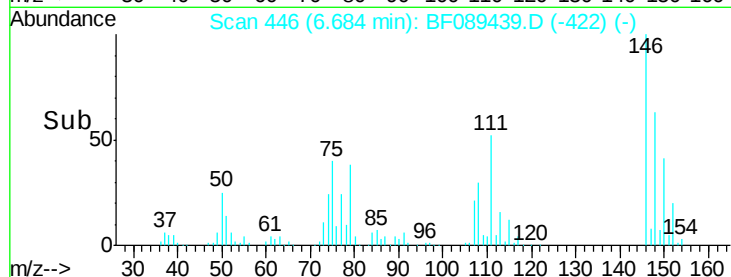
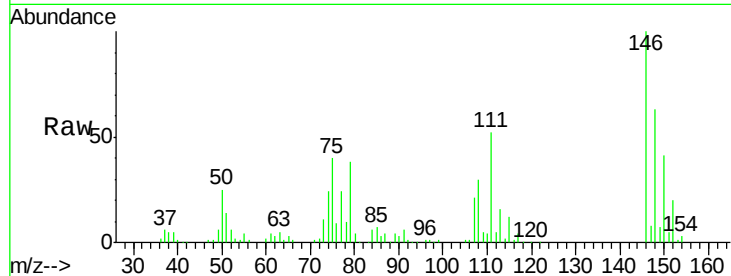




#15
Benzyl Alcohol
Concen: 40.56 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

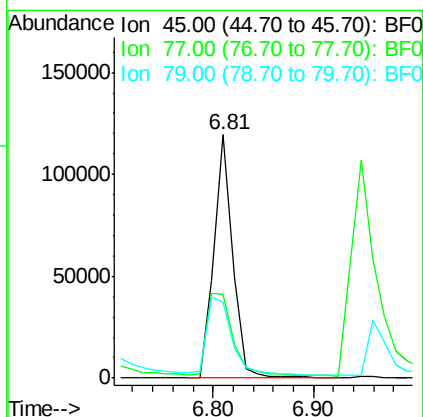
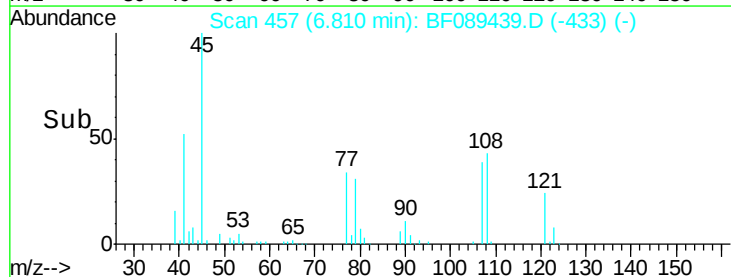
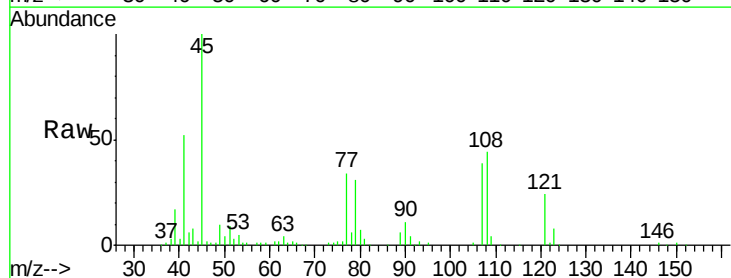
Instrument :
BNA_F
ClientSampled :

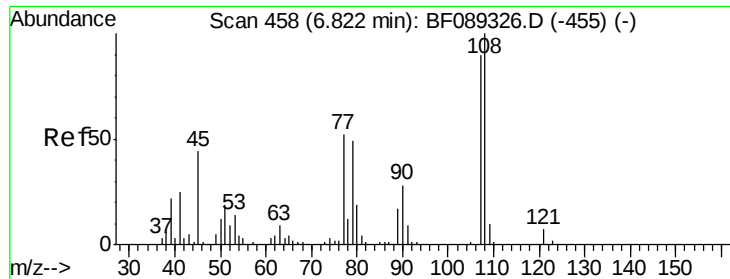
Tot Ion: 79 Resp: 102804
Ion Ratio Lower Upper
79 100
108 79.6 59.8 89.6
77 63.5 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.46 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion: 45 Resp: 156467
Ion Ratio Lower Upper
45 100
77 34.1 17.3 57.3
79 31.0 13.9 53.9

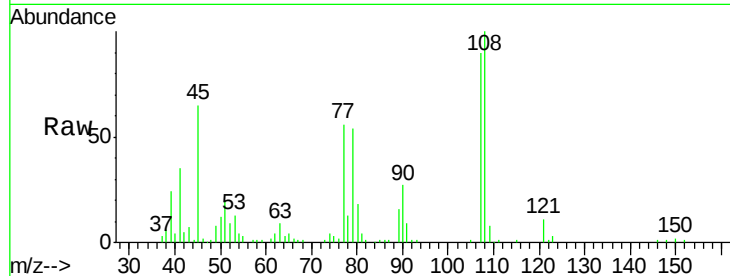




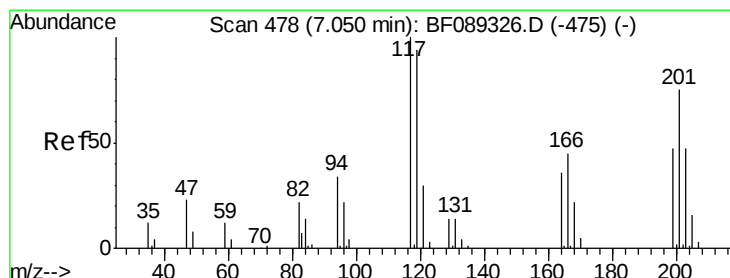
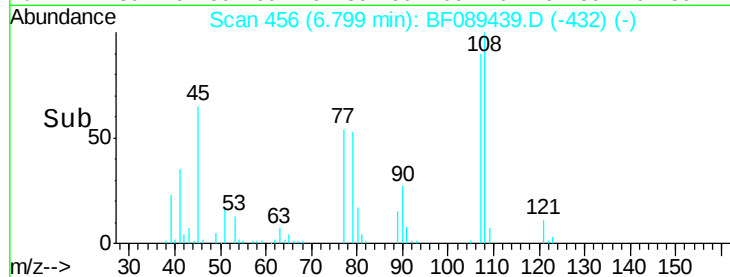
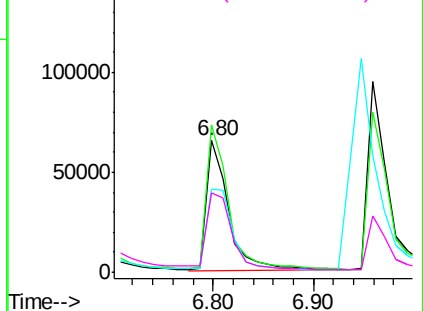
#17
2-Methylphenol
Concen: 36.12 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 97593
Ion Ratio Lower Upper
107 100
108 111.7 91.4 137.0
77 62.9 48.6 73.0
79 60.8 48.2 72.4

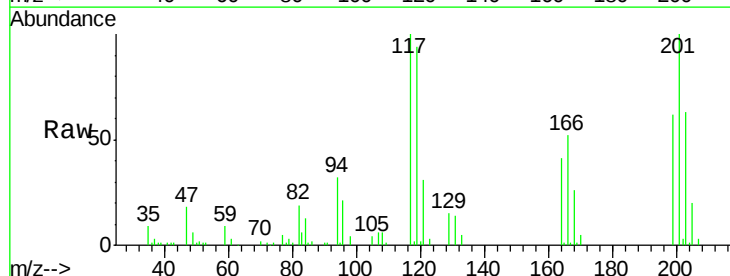


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

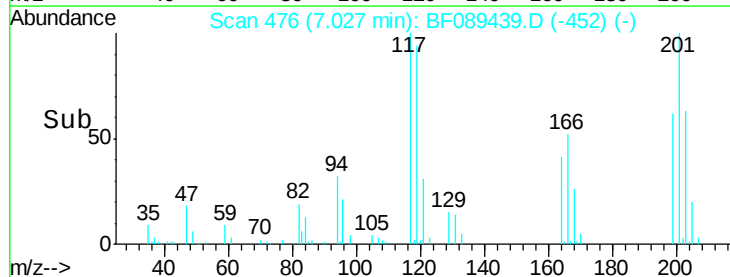
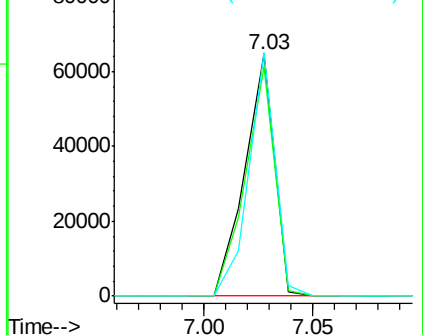


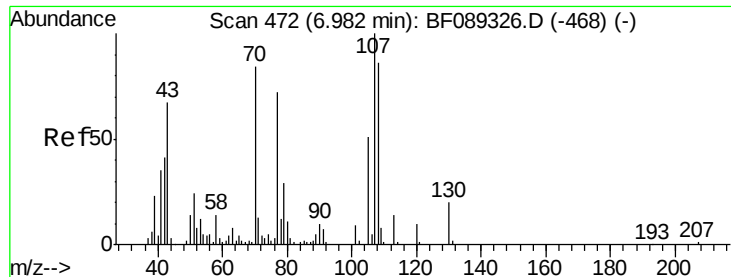
#18
Hexachloroethane
Concen: 39.57 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:117 Resp: 61214
Ion Ratio Lower Upper
117 100
119 94.6 76.0 114.0
201 100.5 60.0 90.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

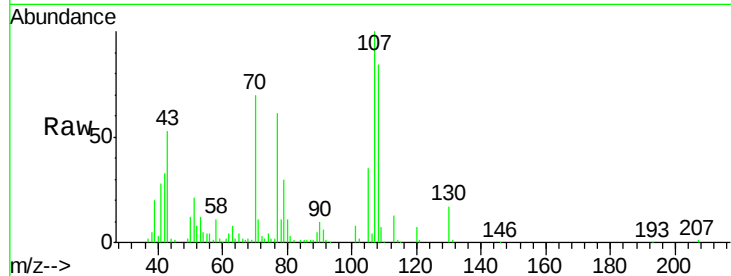




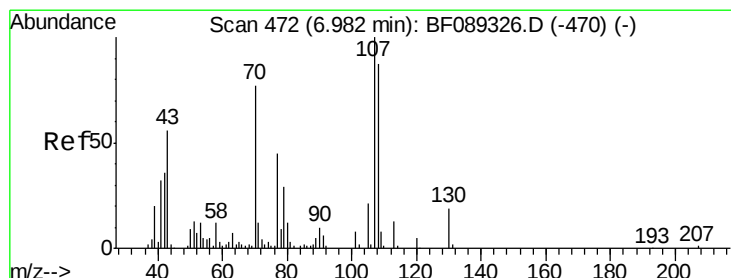
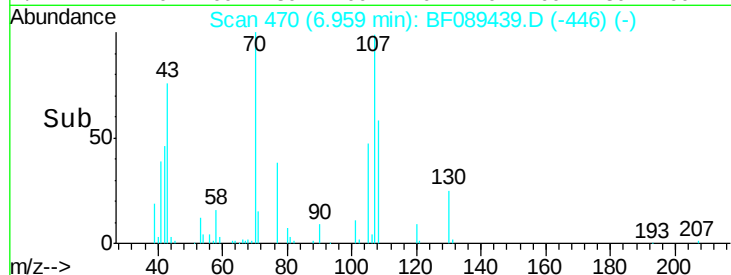
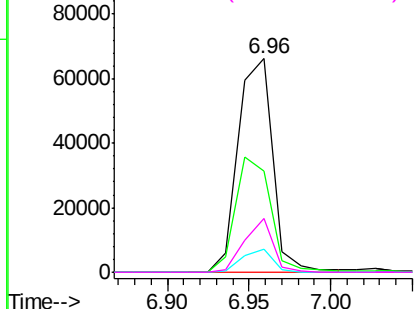
#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 97516
Ion Ratio Lower Upper
70 100
42 47.1 38.6 57.8
101 11.0 8.3 12.5
130 25.1 19.0 28.4



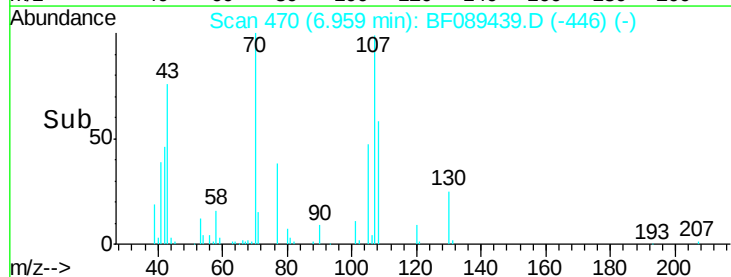
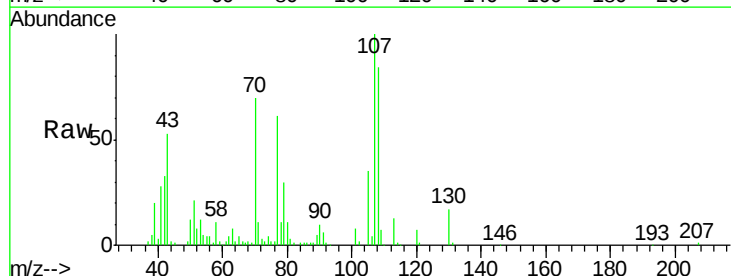
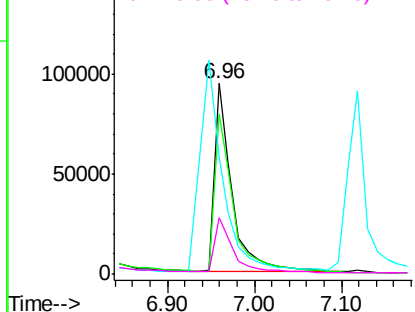
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

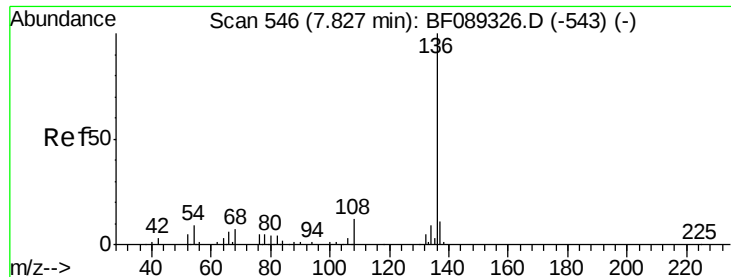


#20
3+4-Methylphenols
Concen: 38.46 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion: 107 Resp: 133439
Ion Ratio Lower Upper
107 100
108 84.1 63.3 103.3
77 61.5 51.1 91.1
79 29.6 9.3 49.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 202890

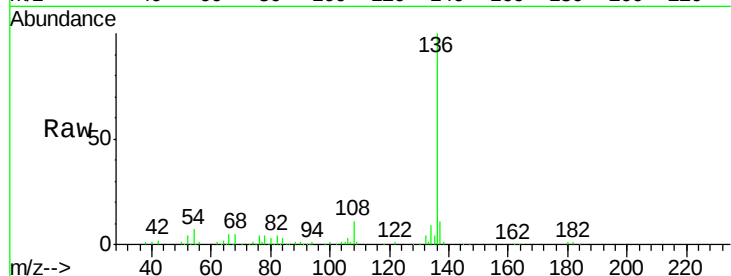
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.3 7.0 10.4

68 5.5 4.9 7.3

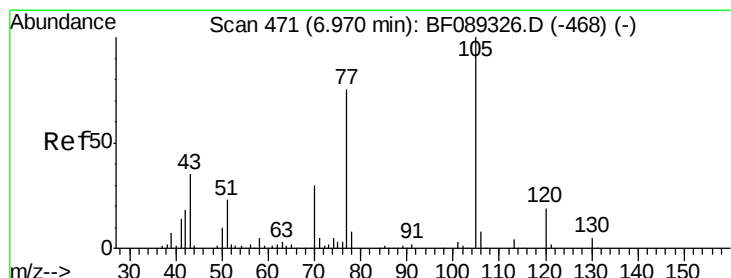
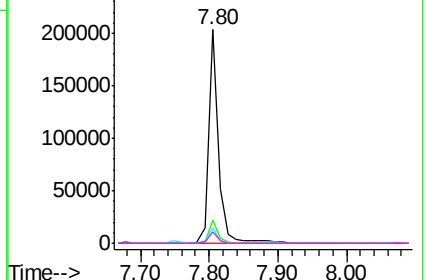
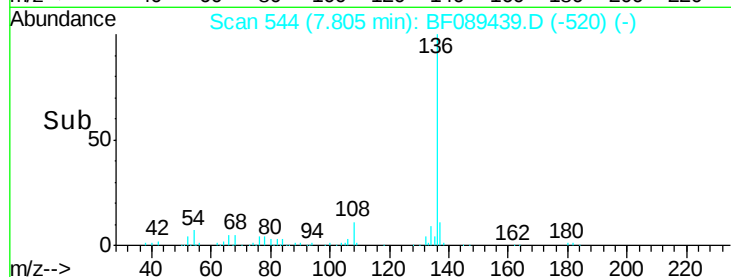


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.18 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Tgt Ion:105 Resp: 203735

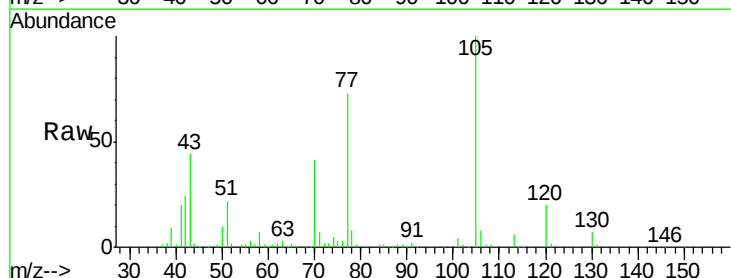
Ion Ratio Lower Upper

105 100

71 6.9 4.2 6.2#

51 22.2 18.7 28.1

120 19.7 15.8 23.6

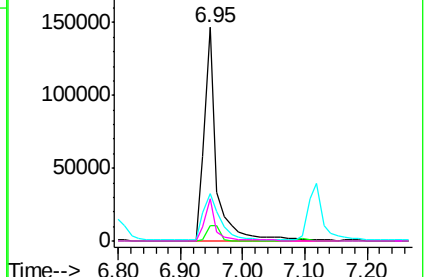
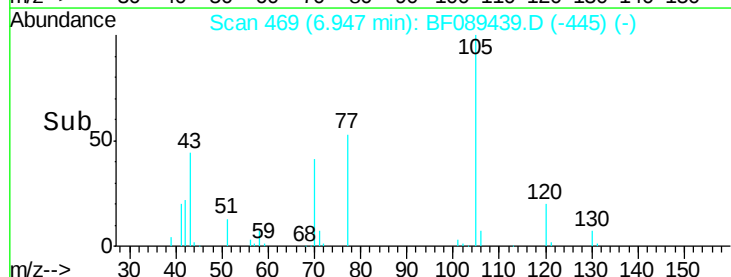


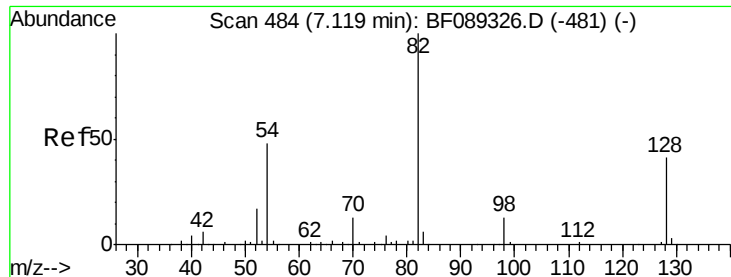
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

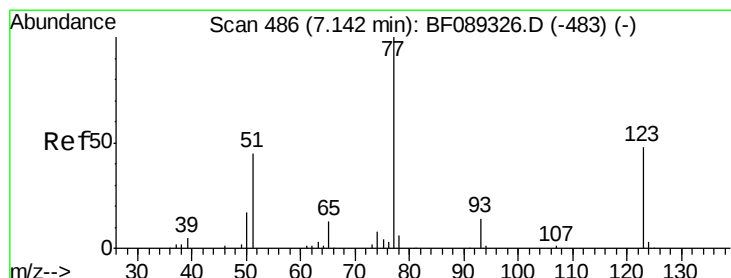
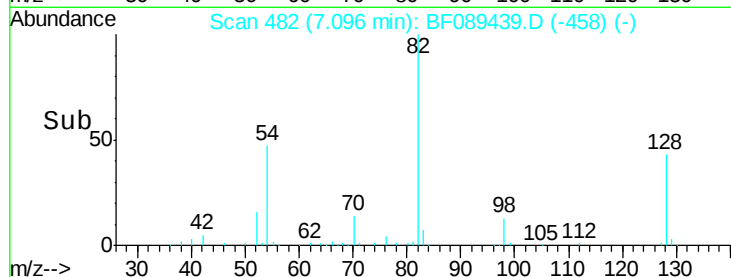
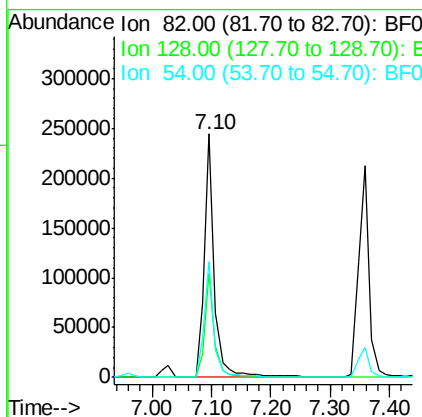
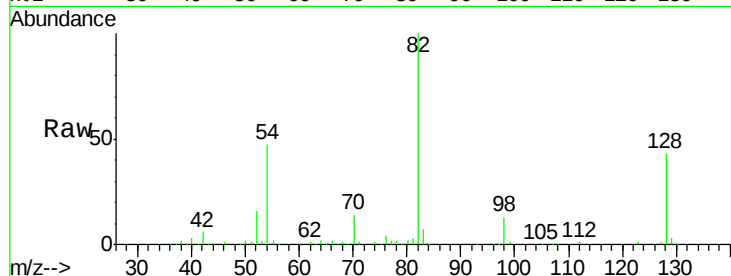




#23
 Nitrobenzene-d5
 Concen: 85.89 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

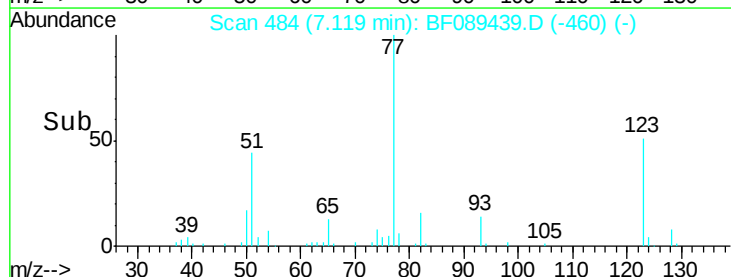
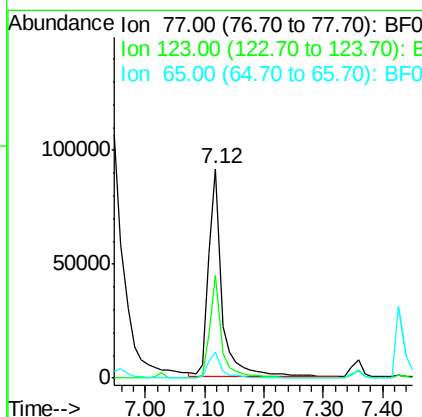
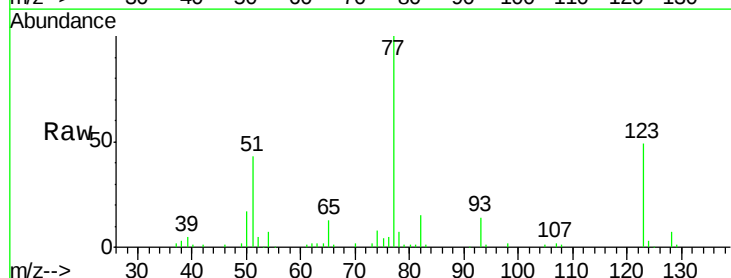
Instrument :
 BNA_F
 ClientSampleId :

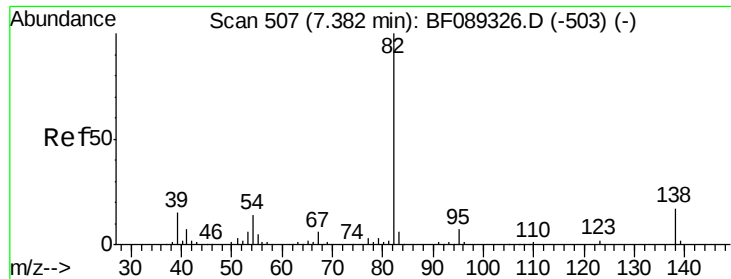
Tot Ion: 82 Resp: 295223
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.5 48.7
 54 47.5 38.8 58.2



#24
 Nitrobenzene
 Concen: 36.33 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion: 77 Resp: 142140
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.2 55.8
 65 12.6 10.2 15.4





#25

Isophorone

Concen: 37.45 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampled :

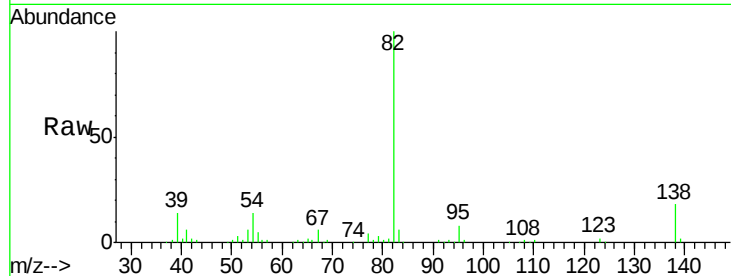
Tot Ion: 82 Resp: 259343

Ion Ratio Lower Upper

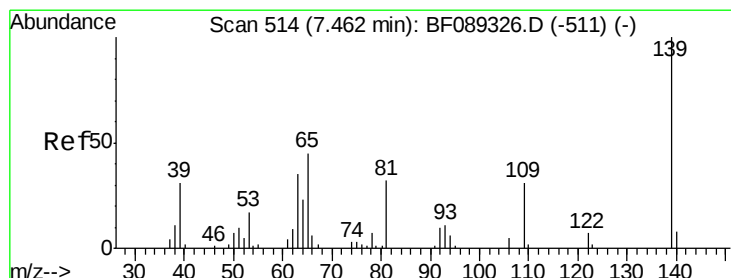
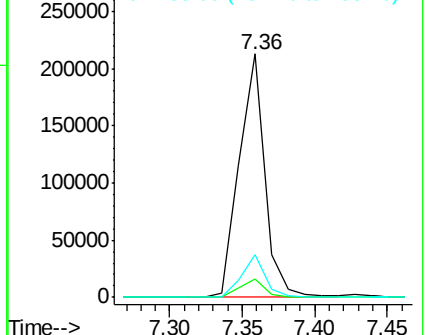
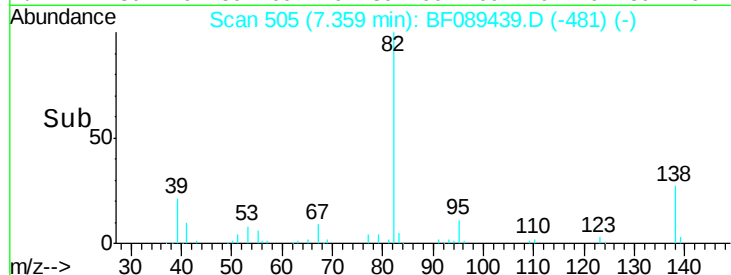
82 100

95 7.5 6.0 9.0

138 17.5 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.83 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

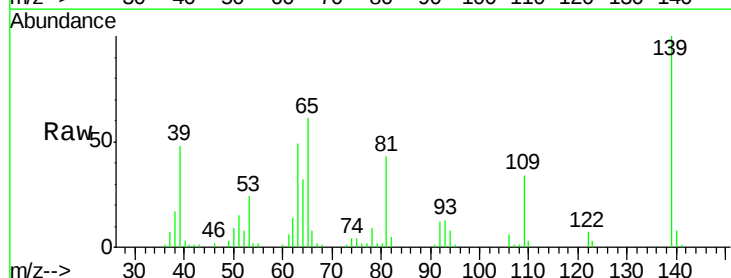
Tgt Ion: 139 Resp: 69659

Ion Ratio Lower Upper

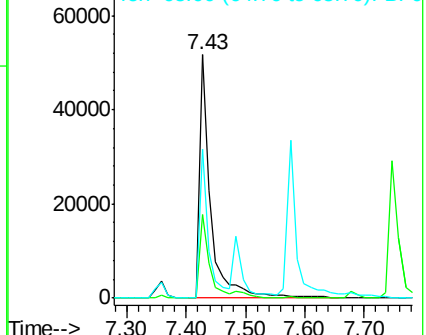
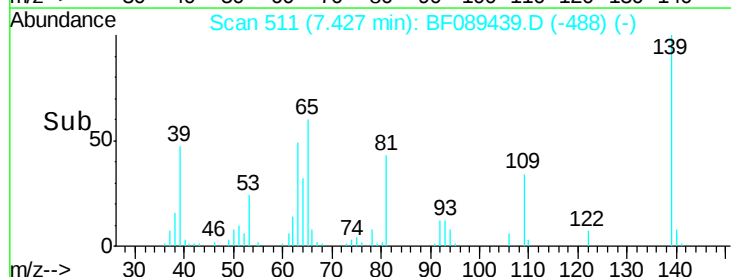
139 100

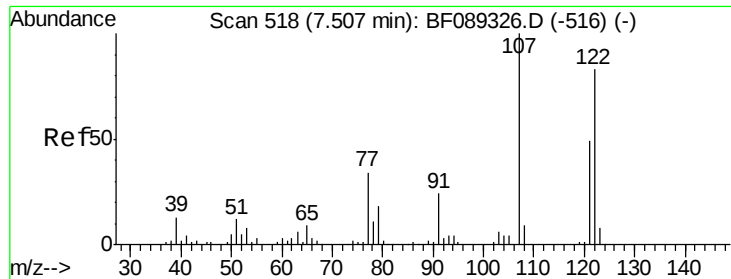
109 34.2 25.8 38.8

65 61.0 35.2 52.8#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

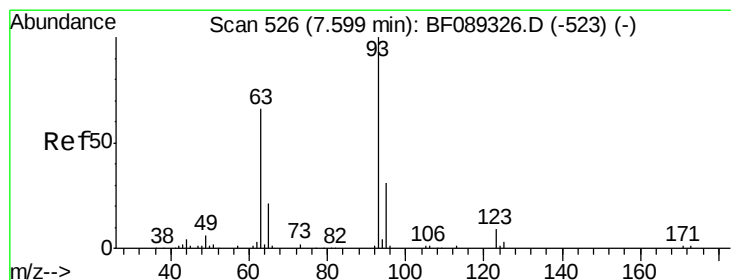
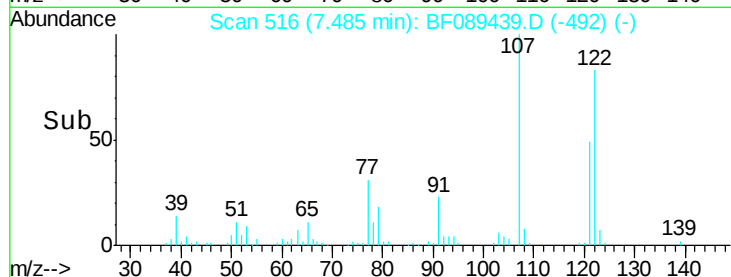
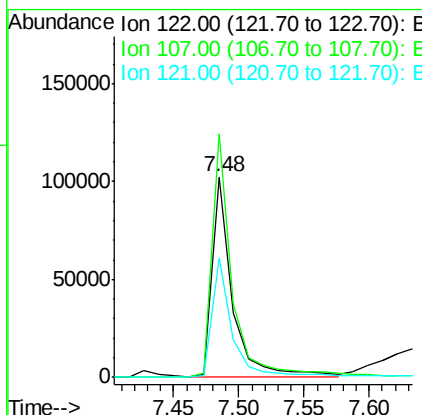
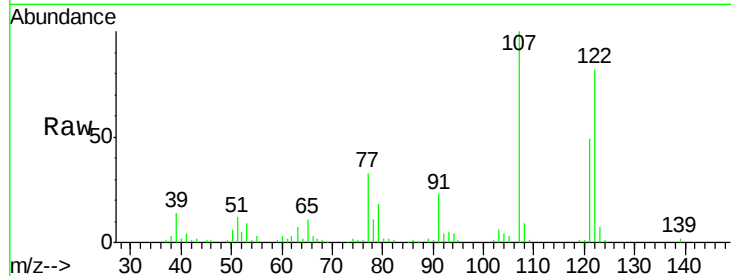




#27
 2,4-Dimethylphenol
 Concen: 39.57 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

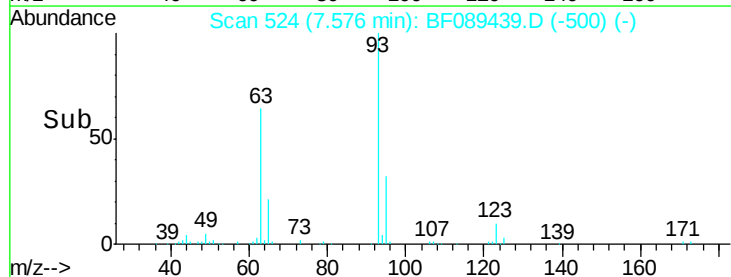
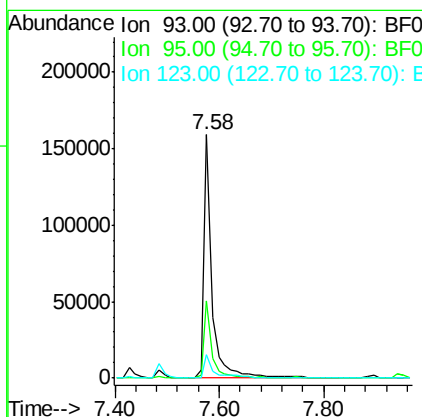
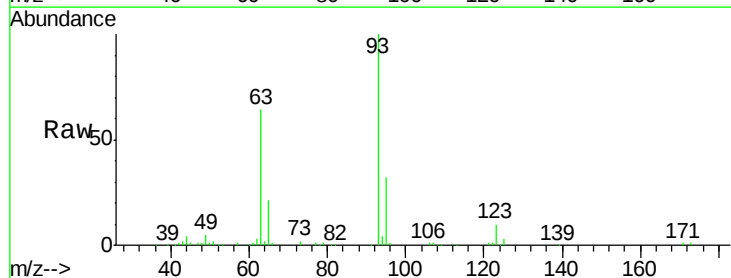
Instrument :
 BNA_F
 ClientSampleId :

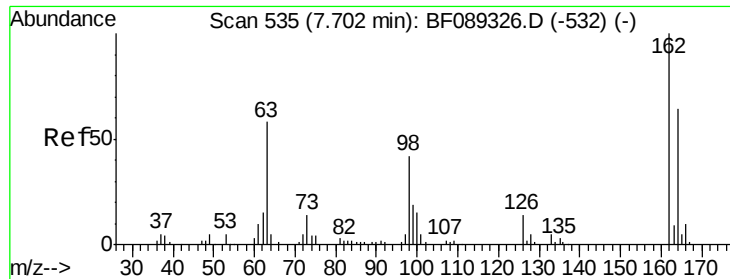
Tot Ion:122 Resp: 110266
 Ion Ratio Lower Upper
 122 100
 107 121.6 97.2 145.8
 121 59.6 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.71 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion: 93 Resp: 171364
 Ion Ratio Lower Upper
 93 100
 95 31.8 24.7 37.1
 123 9.6 7.5 11.3

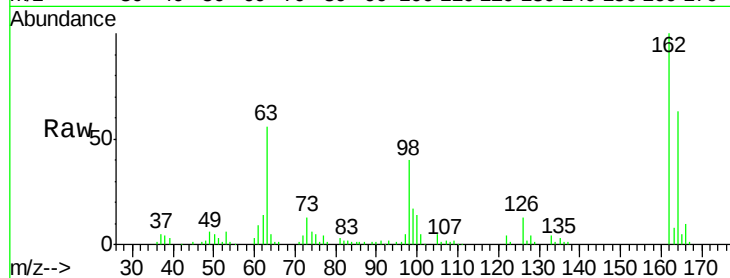




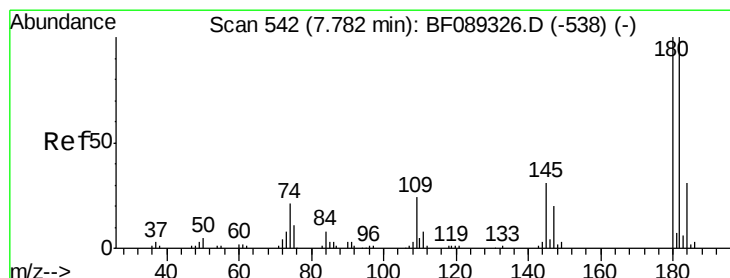
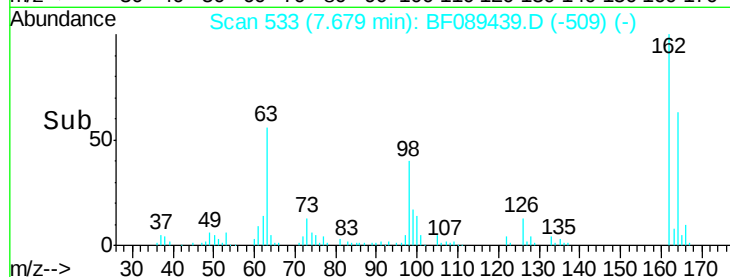
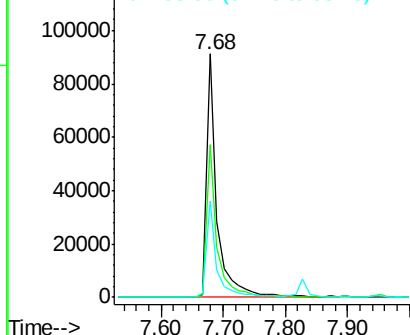
#29
 2,4-Dichlorophenol
 Concen: 41.70 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 105876
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.0 84.0
 98 39.8 21.8 61.8

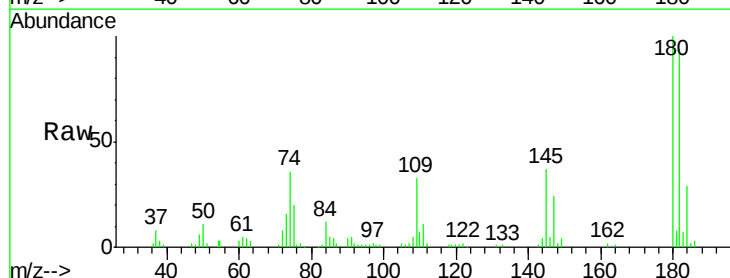


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

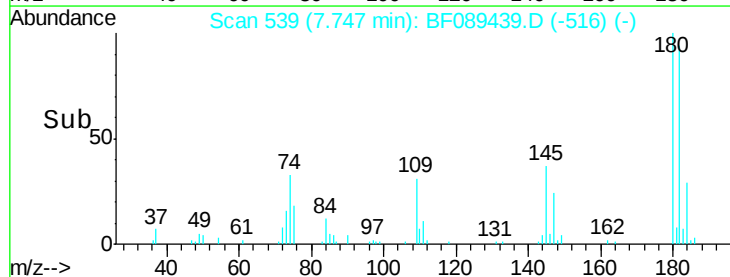
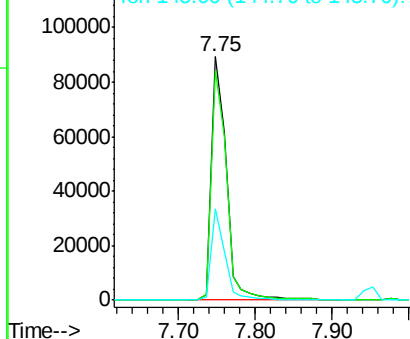


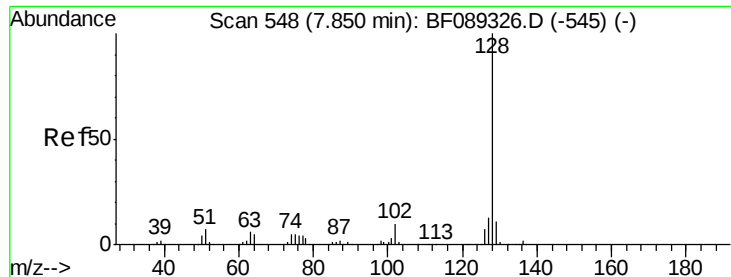
#30
 1,2,4-Trichlorobenzene
 Concen: 41.40 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:180 Resp: 119920
 Ion Ratio Lower Upper
 180 100
 182 94.1 78.2 117.2
 145 37.5 24.6 36.8#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

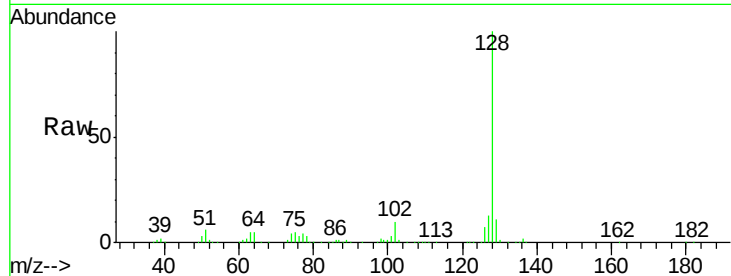




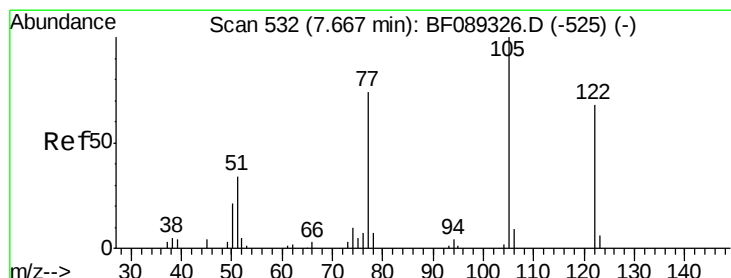
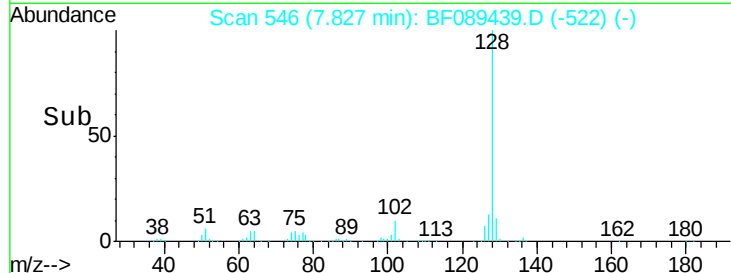
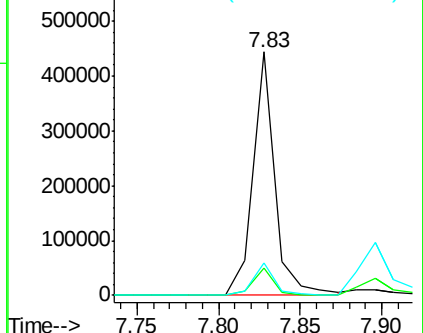
#31
Naphthalene
Concen: 41.11 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 413009
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.8 16.2

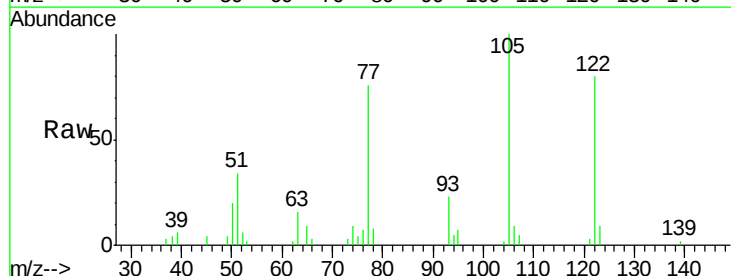


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

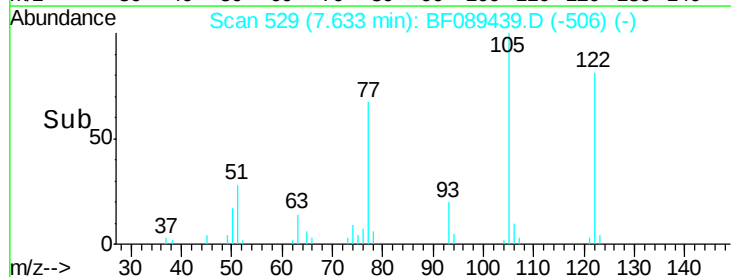
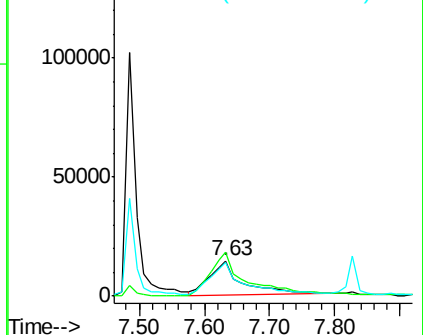


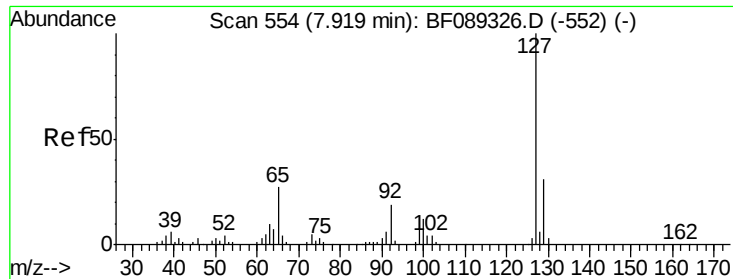
#32
Benzoic acid
Concen: 25.86 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:122 Resp: 50207
Ion Ratio Lower Upper
122 100
105 125.4 106.4 146.4
77 95.0 76.4 116.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

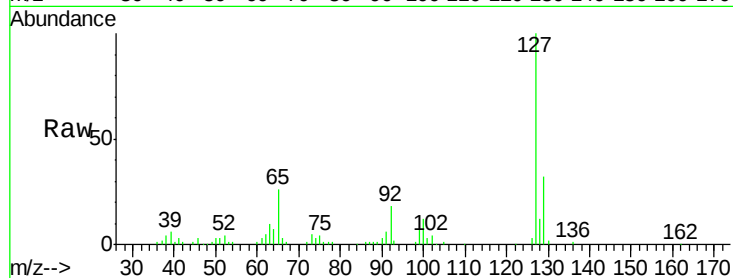




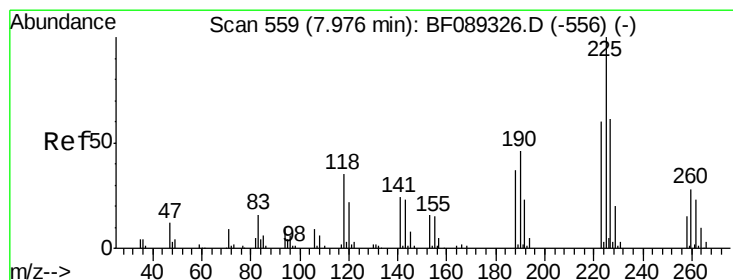
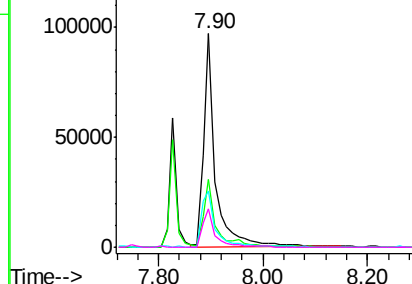
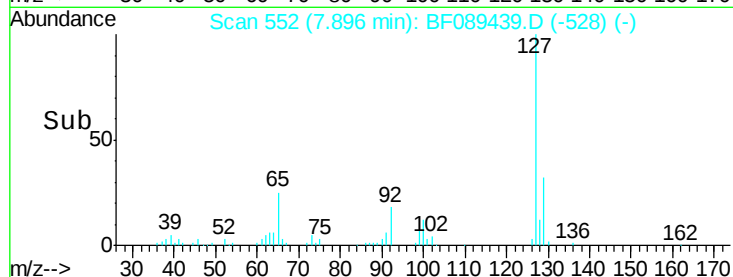
#33
4-Chloroaniline
Concen: 39.81 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	152278
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	26.5	22.0	33.0
92	18.2	15.2	22.8

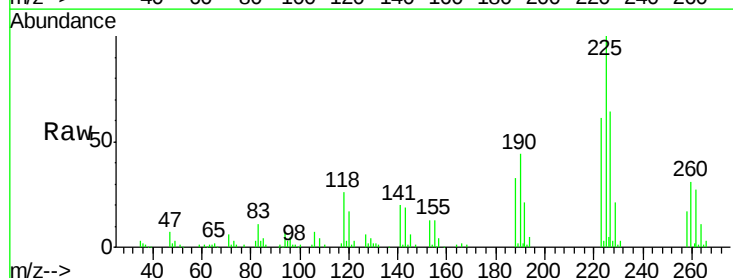


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

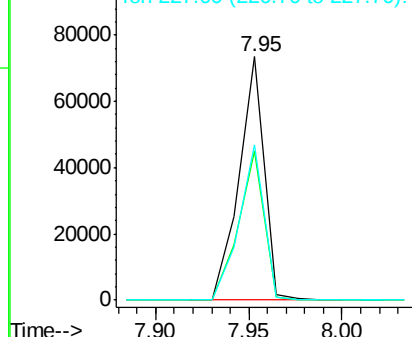
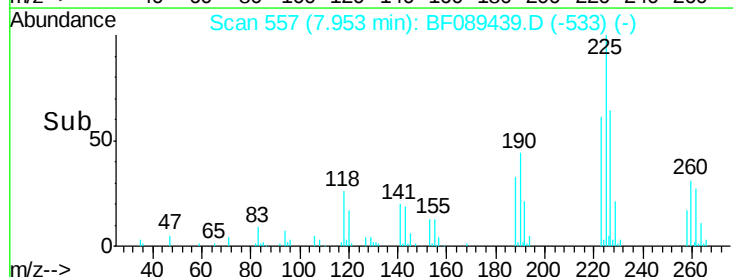


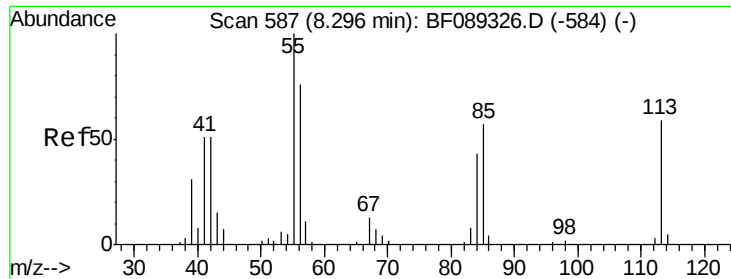
#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:	225	Resp:	69300
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.8
227	63.9	49.4	74.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

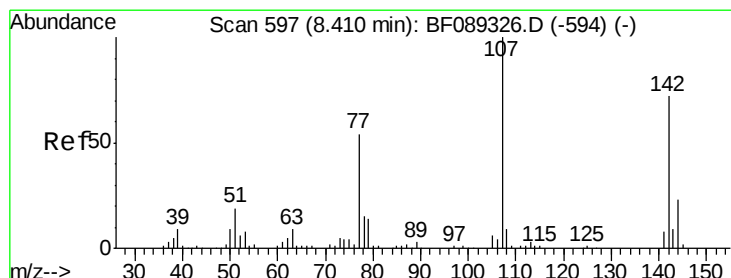
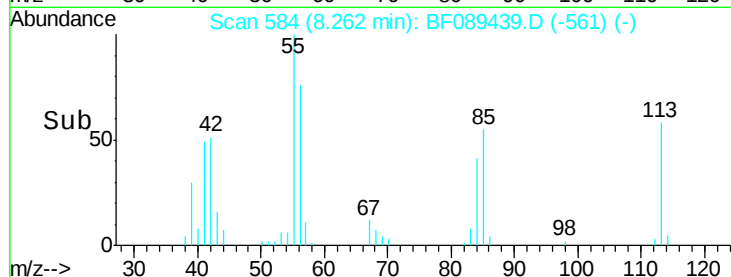
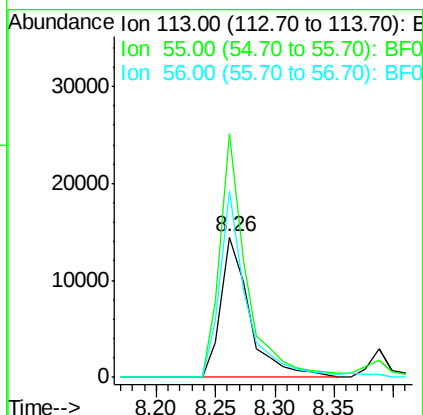
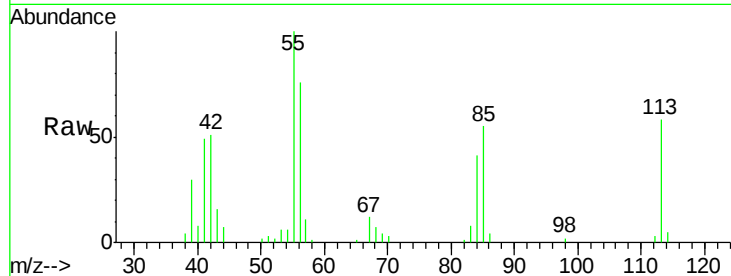




#35
 Caprolactam
 Concen: 31.69 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

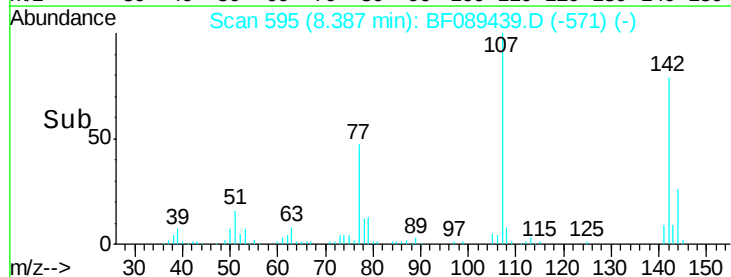
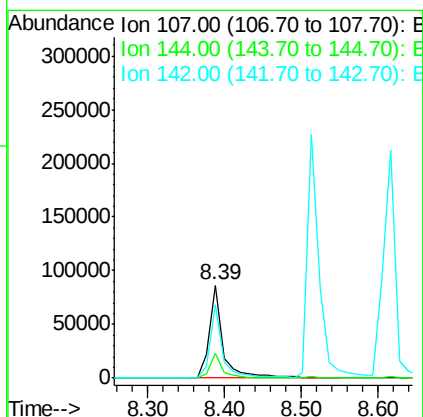
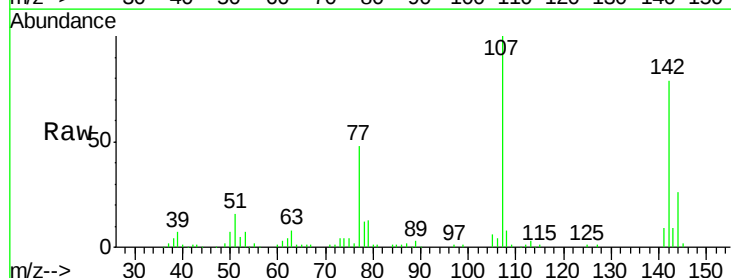
Instrument :
 BNA_F
 ClientSampleID :

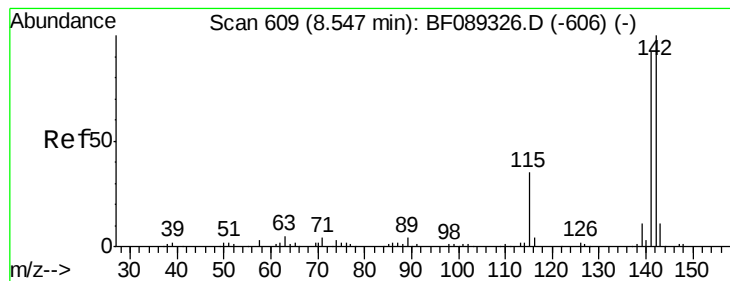
Tot Ion:113 Resp: 24289
 Ion Ratio Lower Upper
 113 100
 55 173.8 142.3 182.3
 56 132.6 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 35.89 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:107 Resp: 108312
 Ion Ratio Lower Upper
 107 100
 144 26.0 18.4 27.6
 142 79.3 58.6 87.8





#37

2-Methylnaphthalene

Concen: 39.20 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

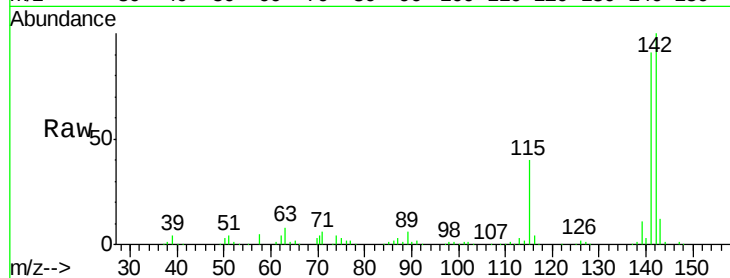
Tot Ion:142 Resp: 237326

Ion Ratio Lower Upper

142 100

141 90.8 70.9 106.3

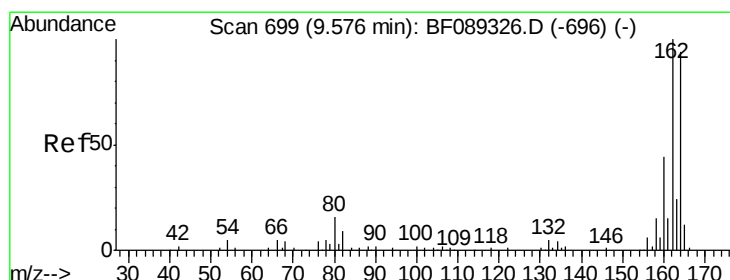
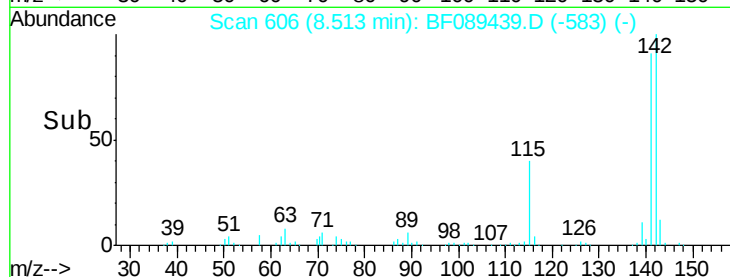
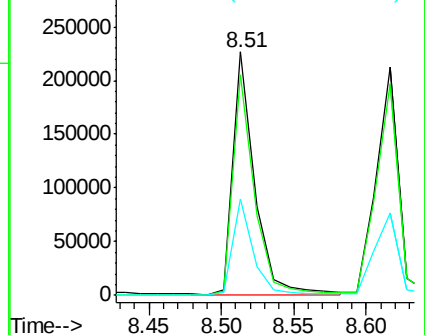
115 39.5 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

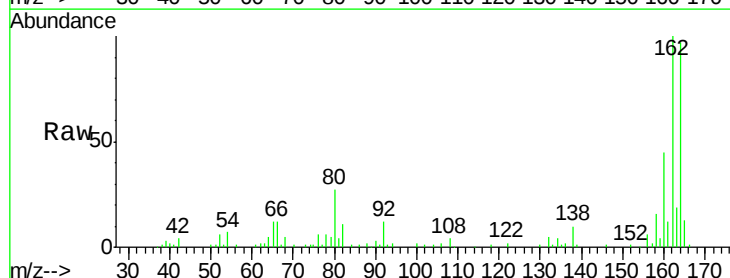
Tgt Ion:164 Resp: 80216

Ion Ratio Lower Upper

164 100

162 103.2 83.7 125.5

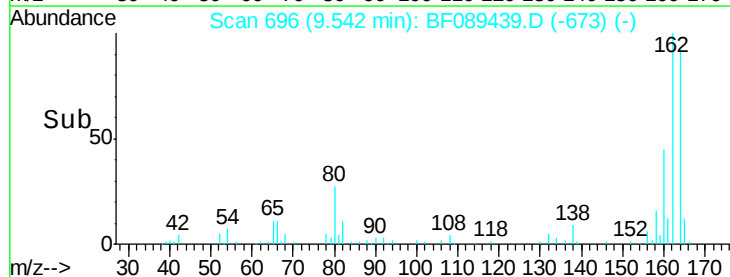
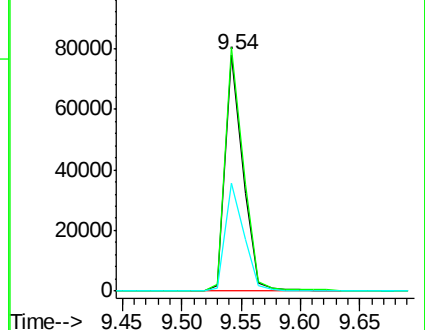
160 46.0 37.8 56.6

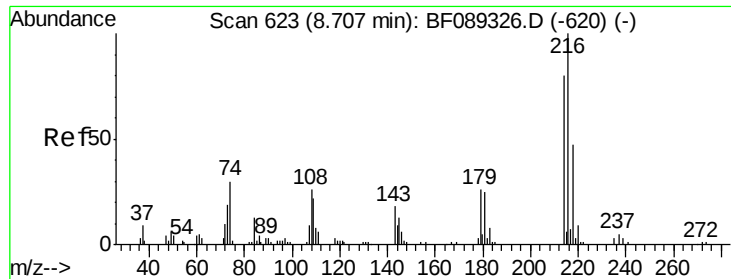


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.42 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF089439.D

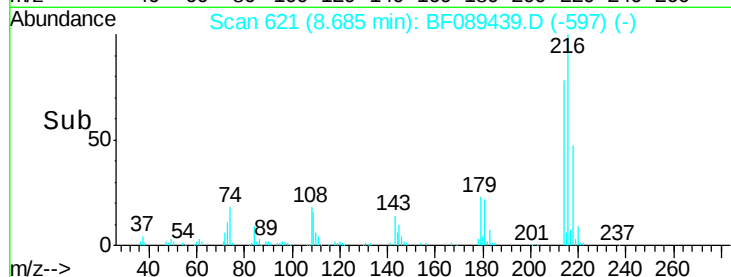
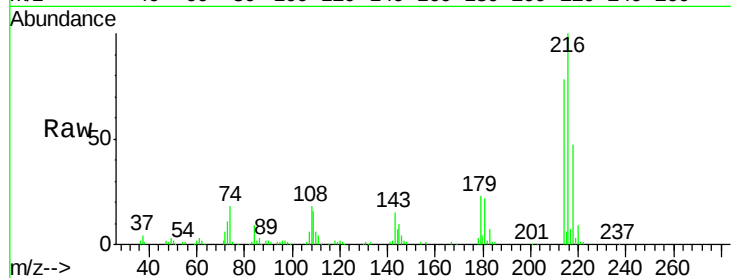
Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	135917
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.3	94.9
179	22.6	18.1	27.1
108	19.7	17.2	25.8

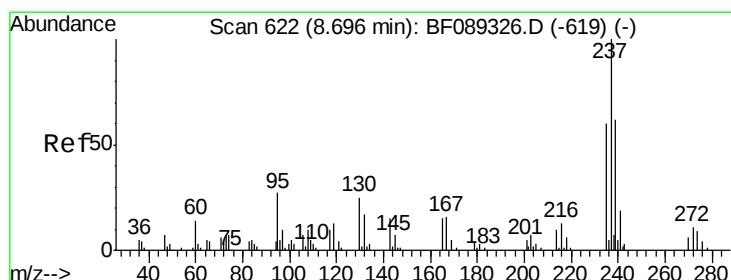
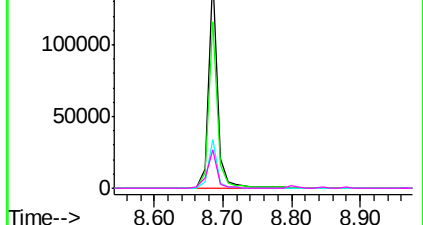


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.03 ng

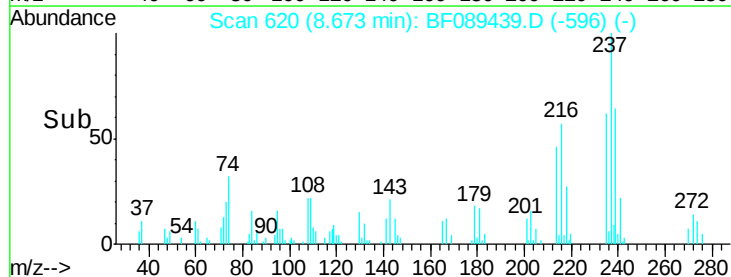
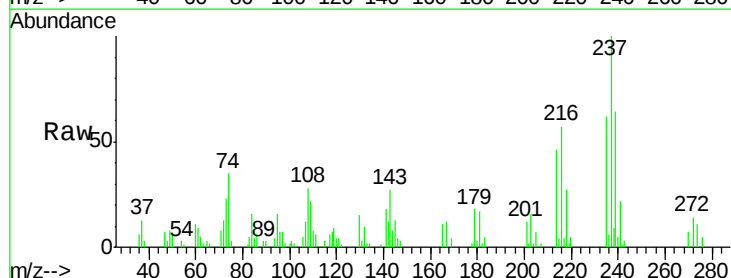
RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

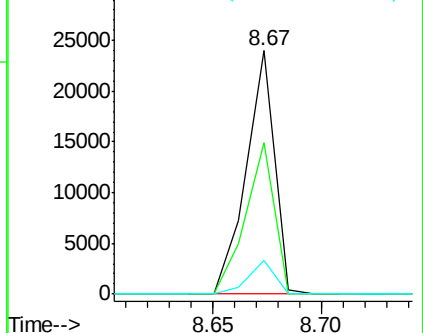
Tgt Ion:	237	Resp:	21714
Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.6	81.6
272	13.9	0.0	30.8

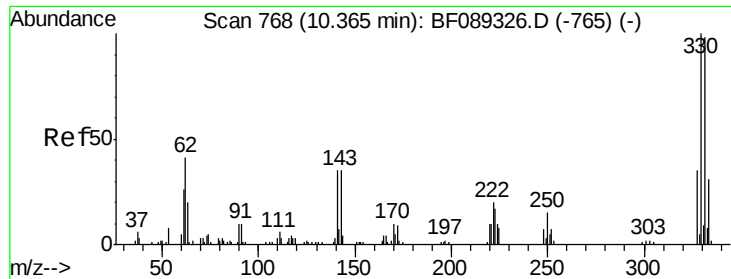


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

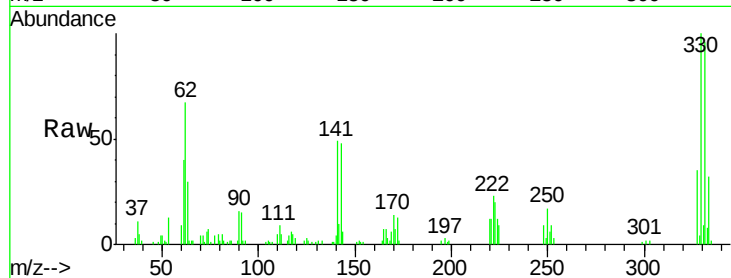




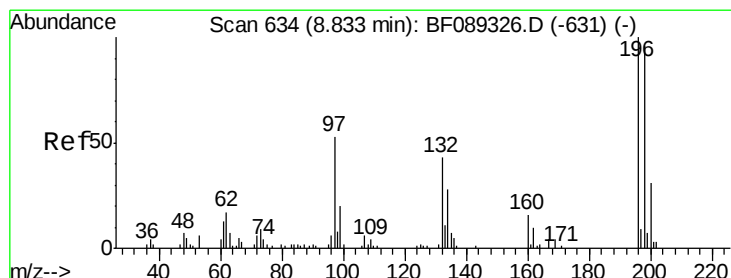
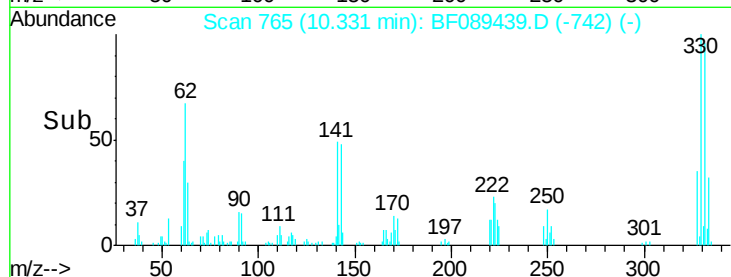
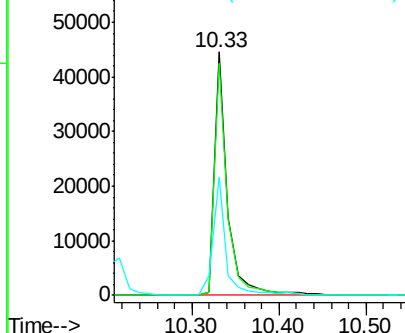
#41
 2,4,6-Tribromophenol
 Concen: 71.20 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 47302
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 48.6 37.3 55.9

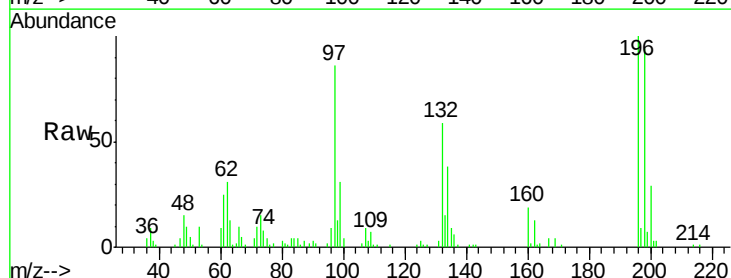


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

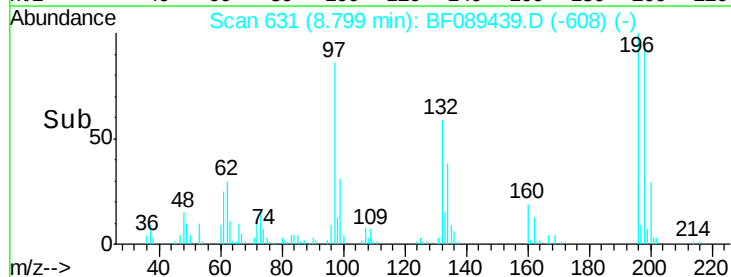
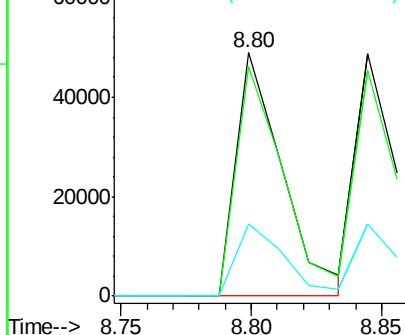


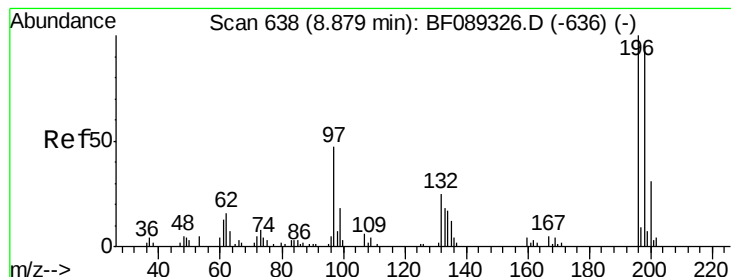
#42
 2,4,6-Trichlorophenol
 Concen: 45.46 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:196 Resp: 60678
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.5 113.3
 200 29.4 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

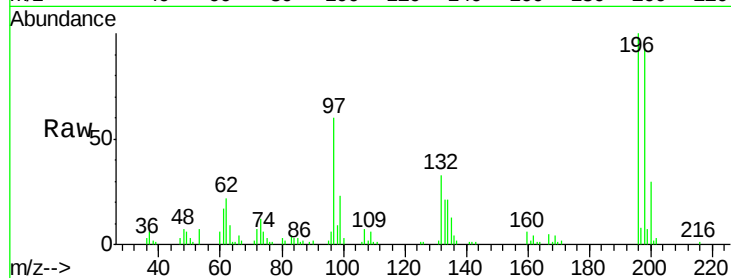




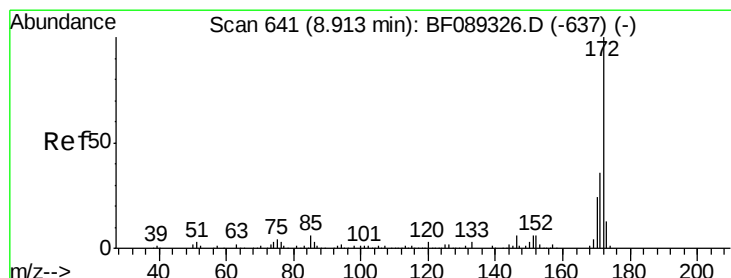
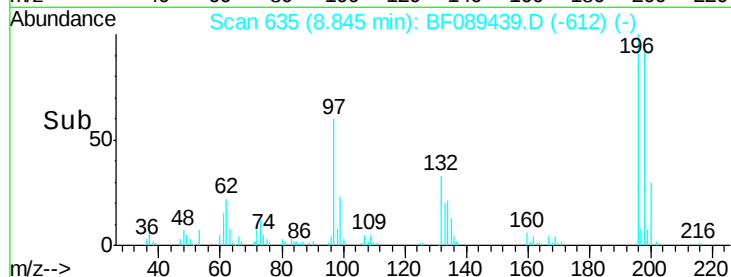
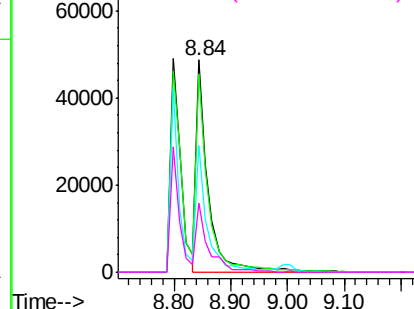
#43
 2,4,5-Trichlorophenol
 Concen: 43.33 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 73253
 Ion Ratio Lower Upper
 196 100
 198 93.3 78.7 118.1
 97 59.8 39.7 59.5#
 132 32.7 22.8 34.2

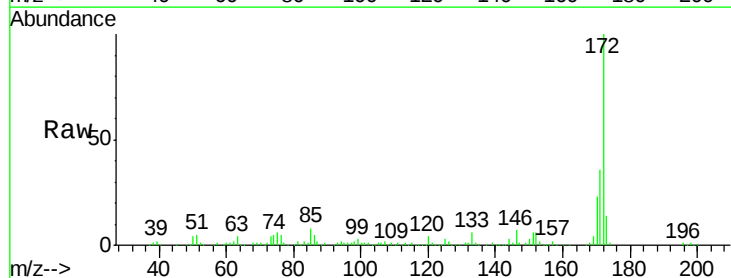


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

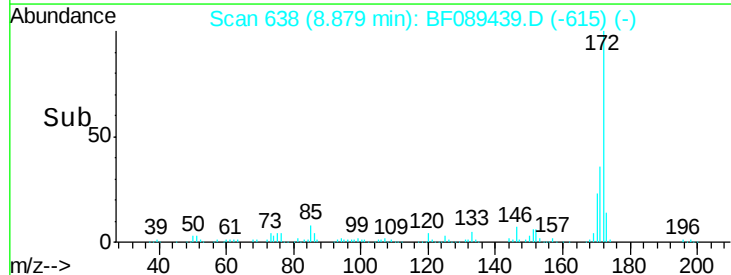
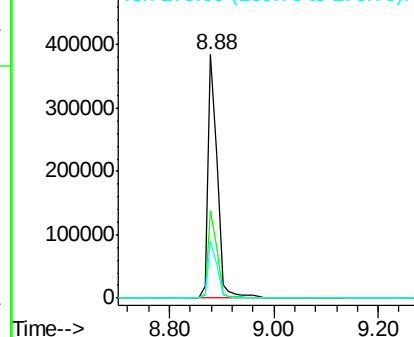


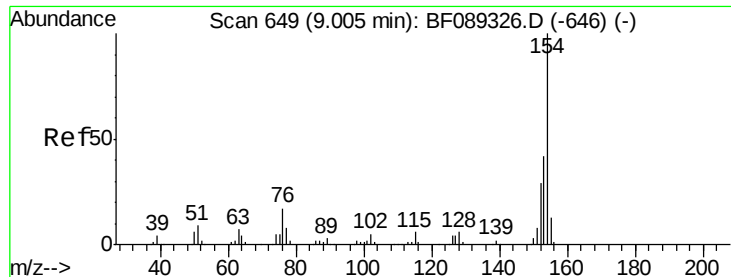
#44
 2-Fluorobiphenyl
 Concen: 86.77 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:172 Resp: 474252
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.4 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

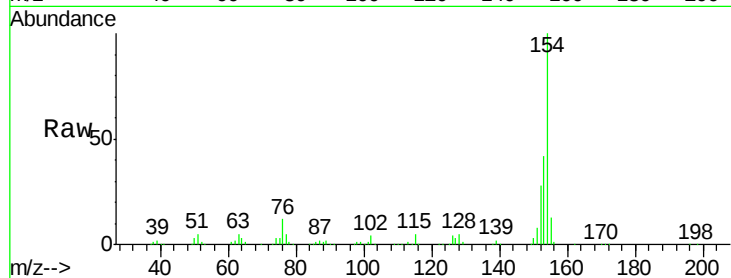




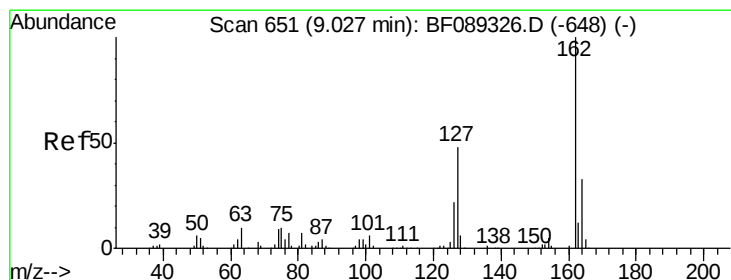
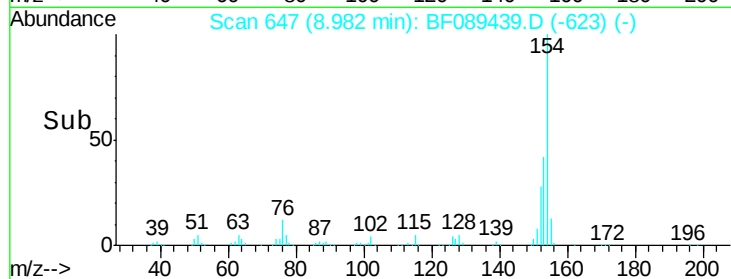
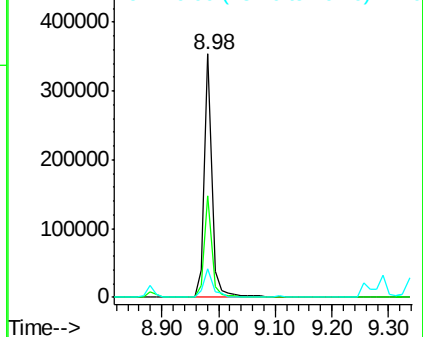
#45
 1,1'-Biphenyl
 Concen: 46.95 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 320692
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.0 61.0
 76 11.6 0.0 36.6

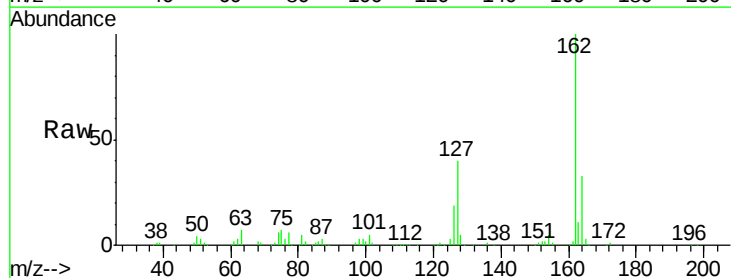


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

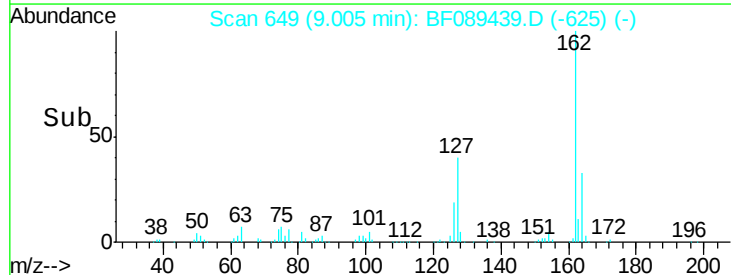
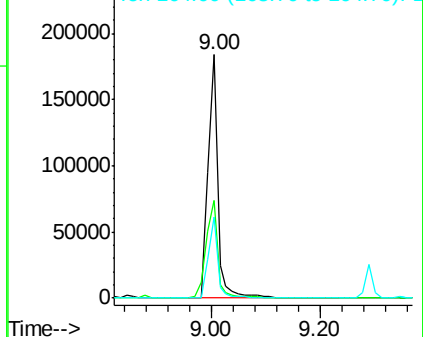


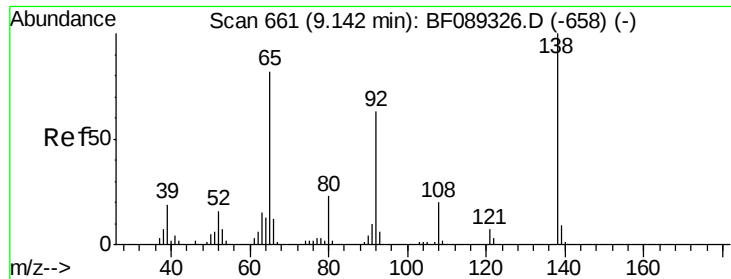
#46
 2-Chloronaphthalene
 Concen: 44.82 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:162 Resp: 229878
 Ion Ratio Lower Upper
 162 100
 127 40.2 37.8 56.8
 164 33.1 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

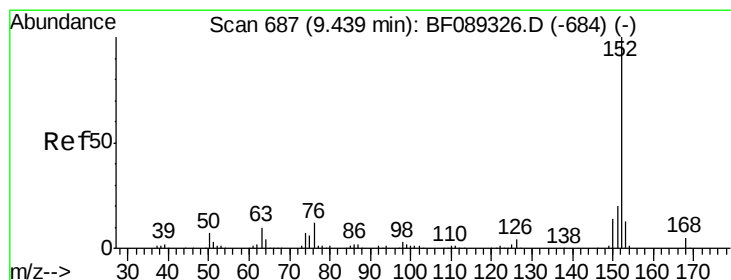
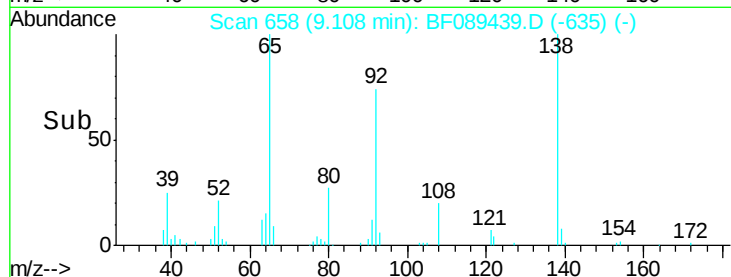
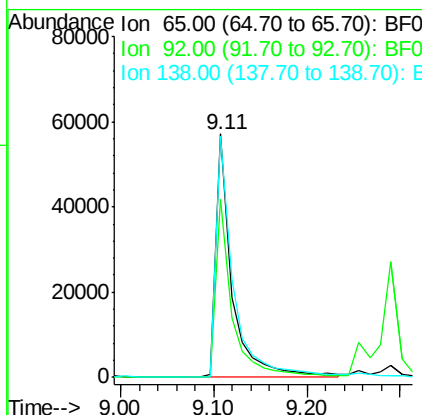
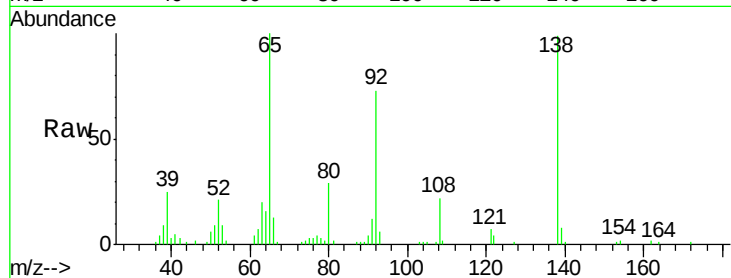




#47
 2-Nitroaniline
 Concen: 45.71 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

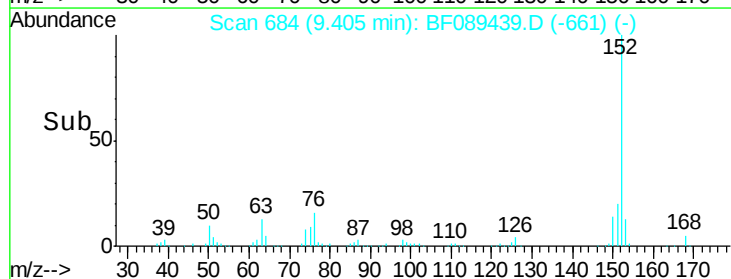
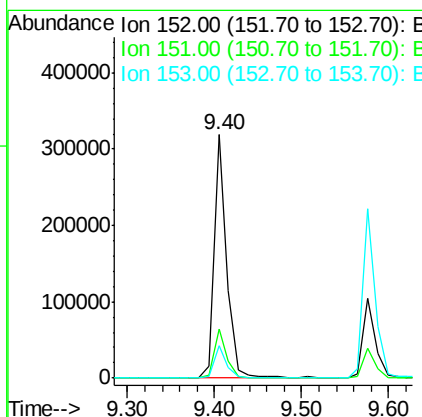
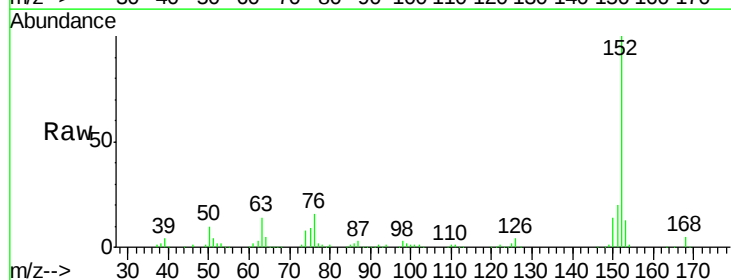
Instrument :
 BNA_F
 ClientSampleId :

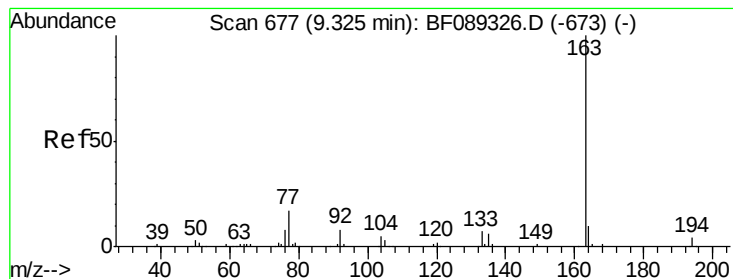
Tot Ion	65	Resp	69430
Ion Ratio	Lower	Upper	
65	100		
92	73.2	61.0	91.4
138	99.0	99.1	148.7#



#48
 Acenaphthylene
 Concen: 40.66 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion	152	Resp	328511
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.1	10.2	15.4





#49

Dimethylphthalate

Concen: 39.47 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

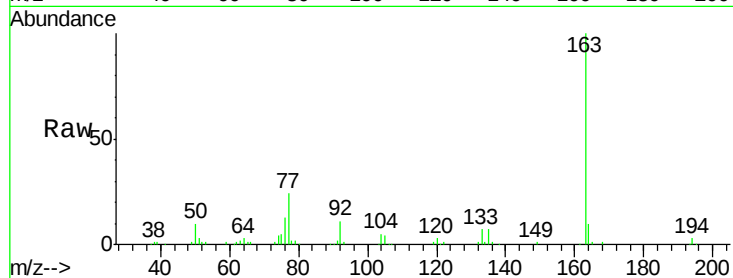
Tot Ion:163 Resp: 240954

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

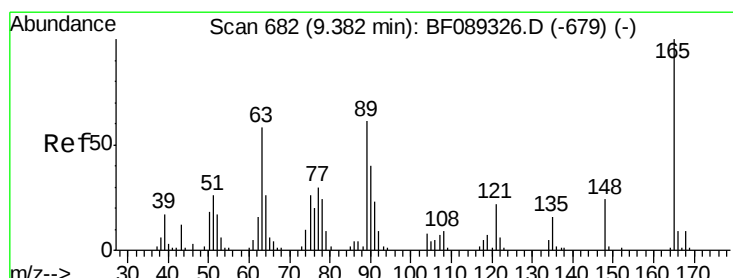
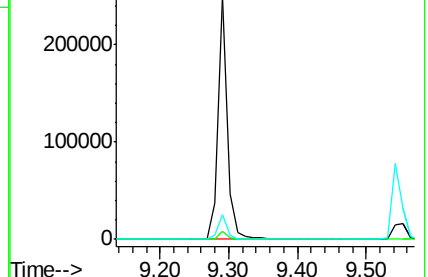
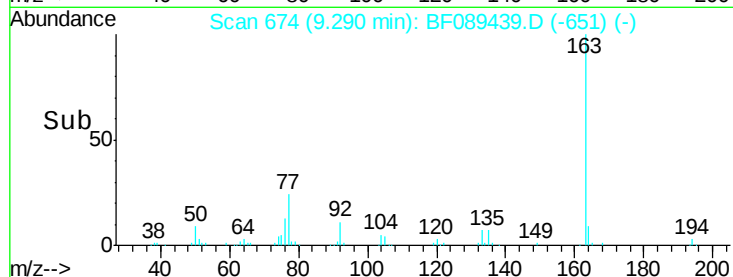
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.77 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

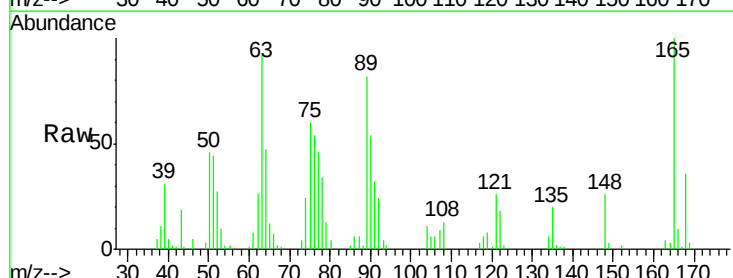
Tgt Ion:165 Resp: 47380

Ion Ratio Lower Upper

165 100

63 92.1 43.5 65.3#

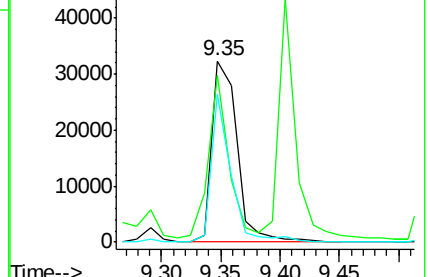
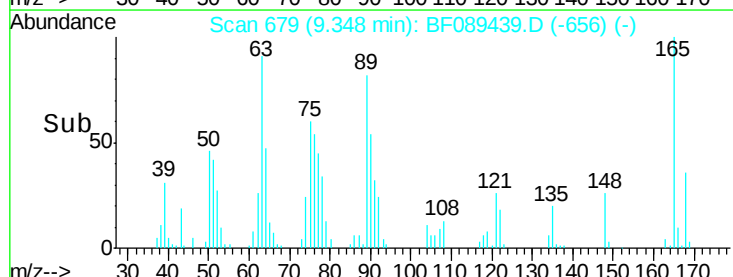
89 81.6 45.0 67.4#

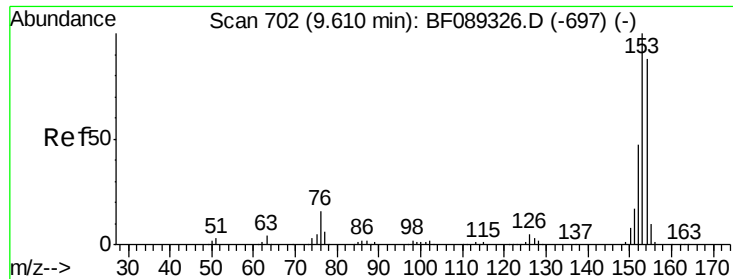


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.71 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampled :

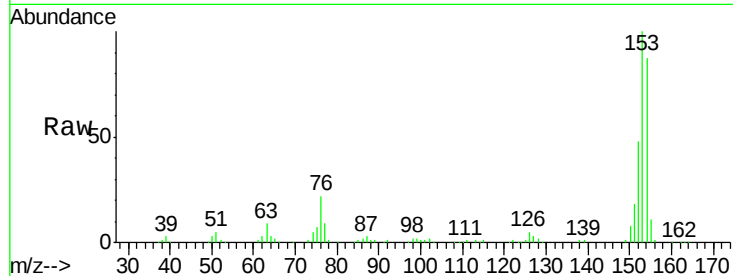
Tot Ion:154 Resp: 187331

Ion Ratio Lower Upper

154 100

153 115.1 91.4 137.2

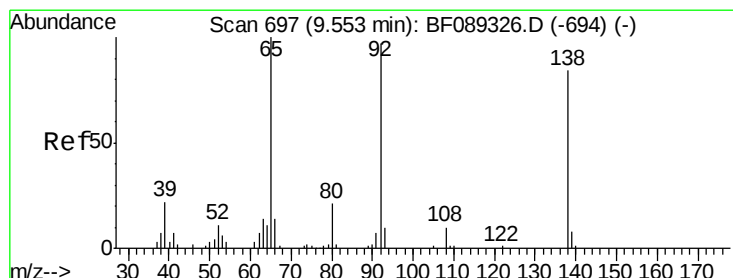
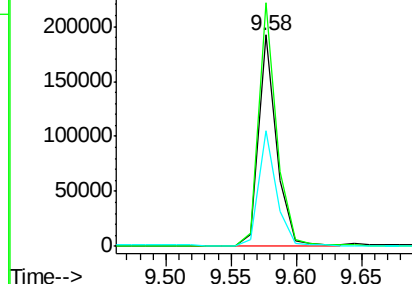
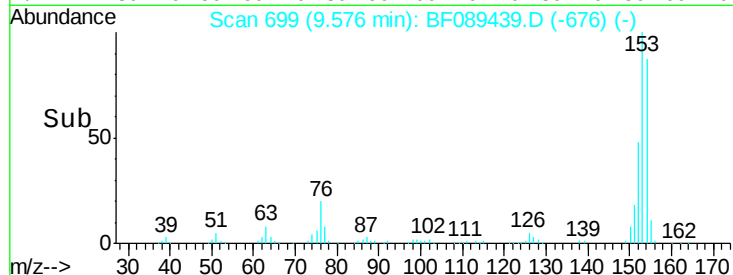
152 54.7 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.01 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

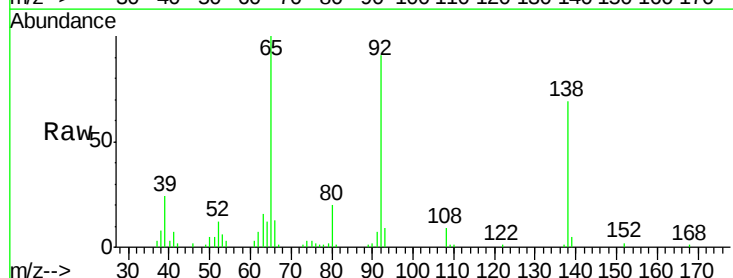
Tgt Ion:138 Resp: 56930

Ion Ratio Lower Upper

138 100

108 12.6 8.6 13.0

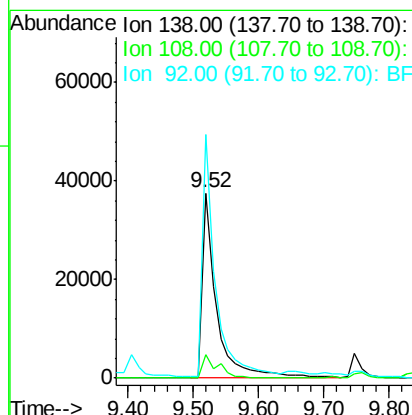
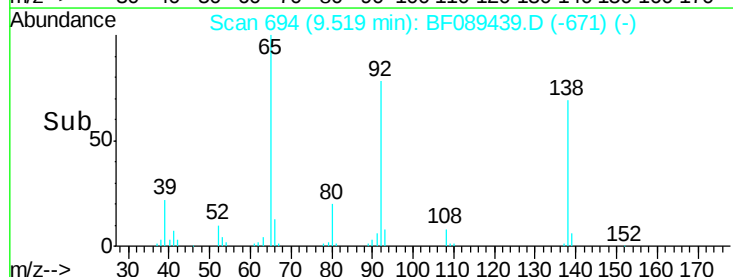
92 131.7 90.0 135.0

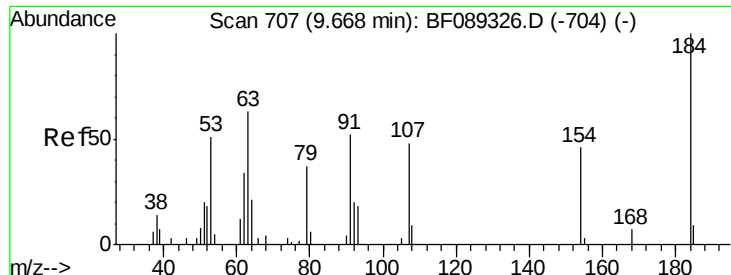


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

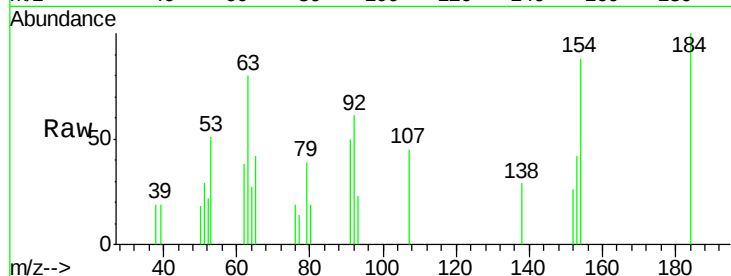




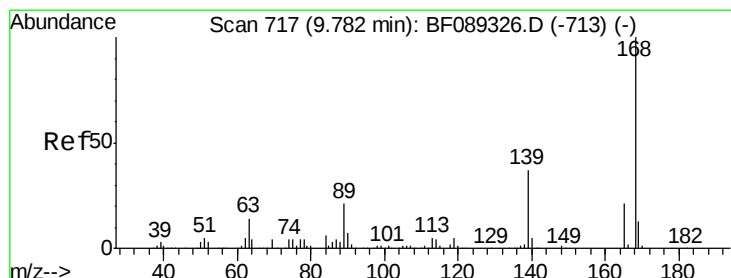
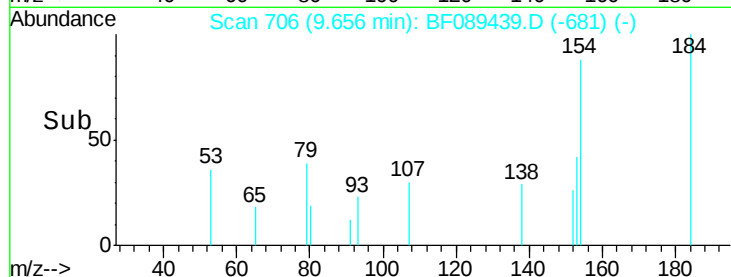
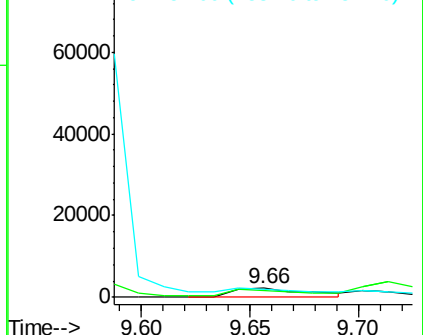
#53
2,4-Dinitrophenol
Concen: 18.84 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 5442
Ion Ratio Lower Upper
184 100
63 79.7 60.6 90.8
154 87.6 69.8 104.8

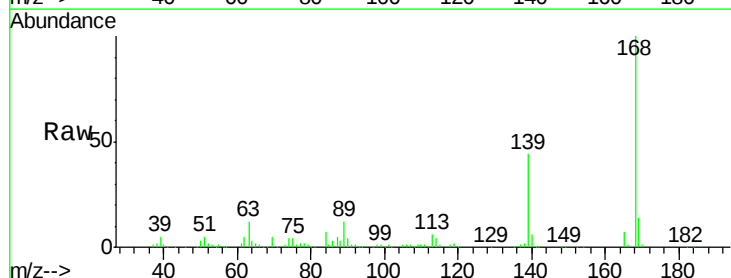


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

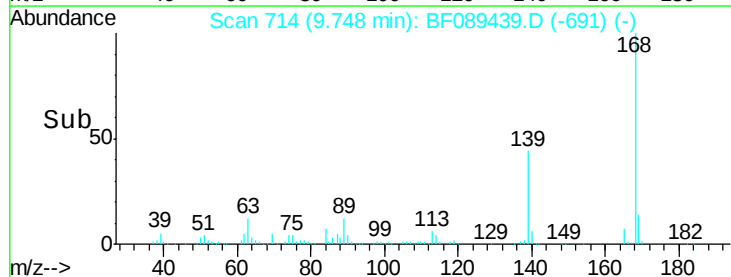
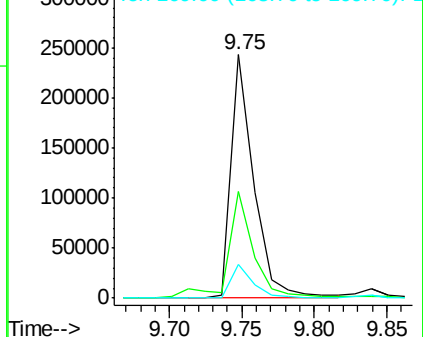


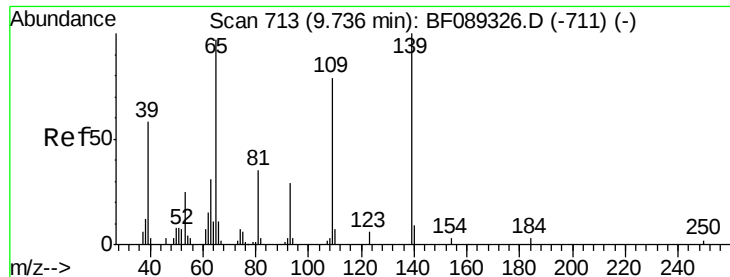
#54
Dibenzofuran
Concen: 41.35 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:168 Resp: 265855
Ion Ratio Lower Upper
168 100
139 43.9 33.7 50.5
169 13.6 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

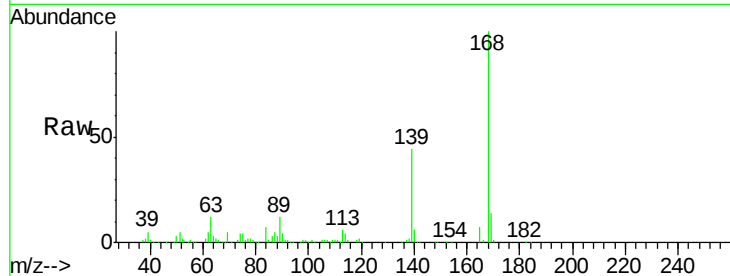




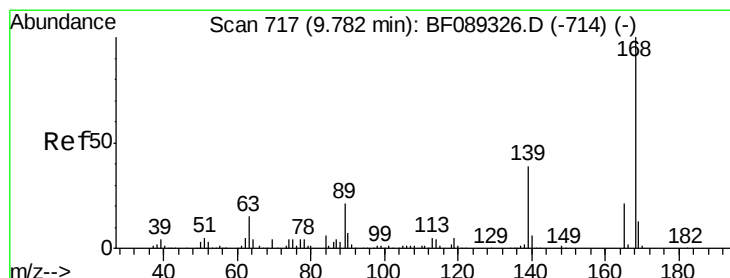
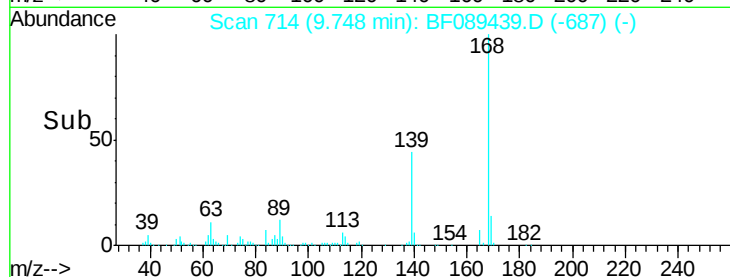
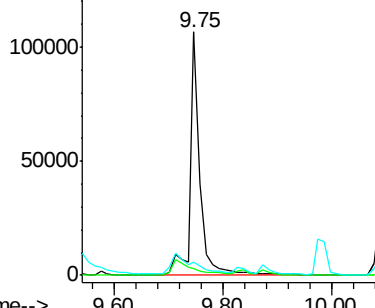
#55
4-Nitrophenol
Concen: 202.23 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 136979
Ion Ratio Lower Upper
139 100
109 2.8 57.8 97.8#
65 5.5 81.7 121.7#

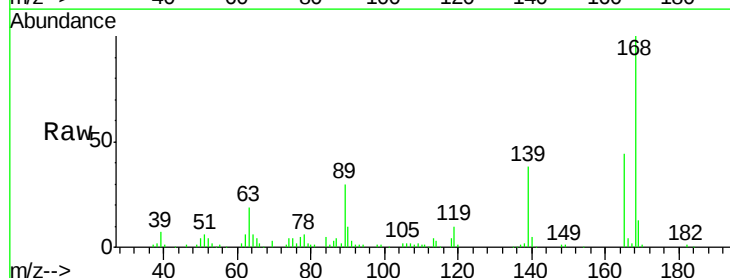


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

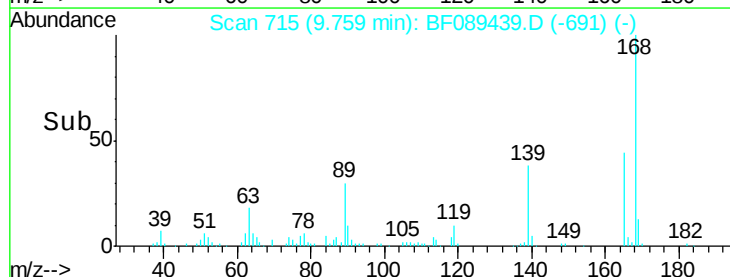
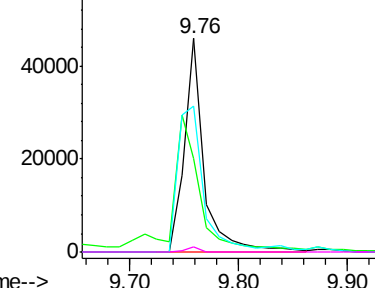


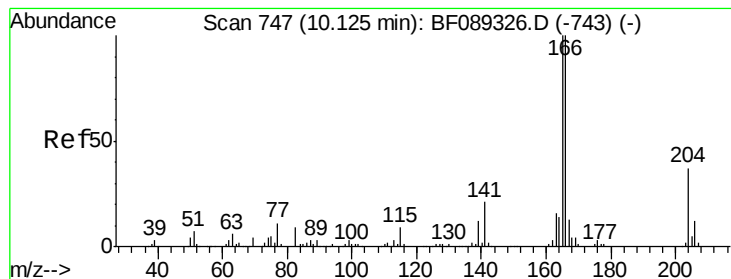
#56
2,4-Dinitrotoluene
Concen: 35.32 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:165 Resp: 58324
Ion Ratio Lower Upper
165 100
63 43.5 58.2 87.2#
89 68.1 79.1 118.7#
182 2.5 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.99 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

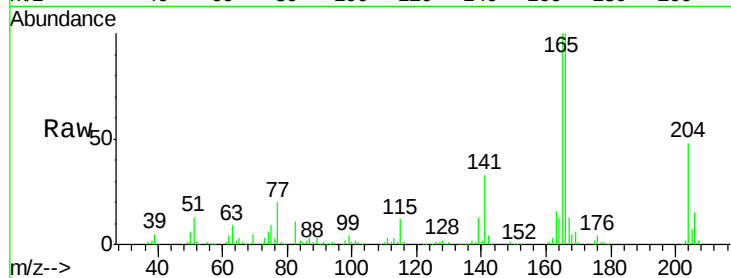
Tot Ion:166 Resp: 218823

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.4

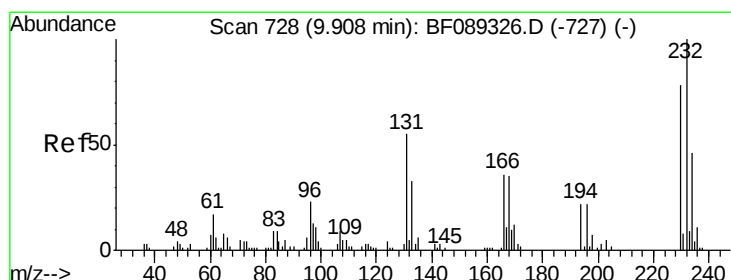
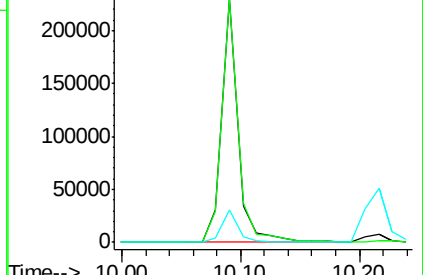
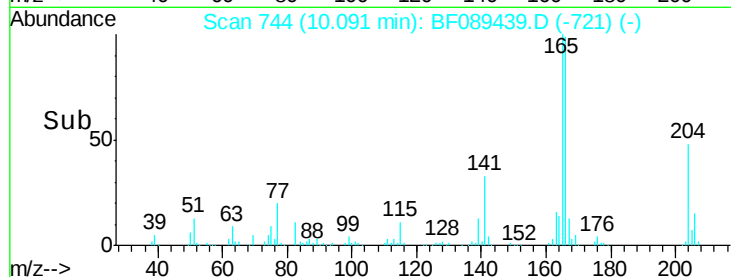
167 13.3 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.43 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Tgt Ion:232 Resp: 43376

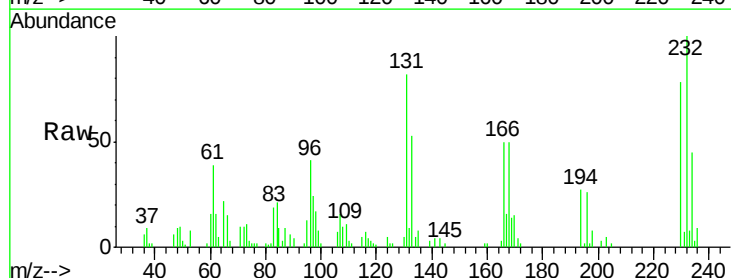
Ion Ratio Lower Upper

232 100

131 50.9 42.7 64.1

130 2.4 1.7 2.5

166 35.9 25.7 38.5

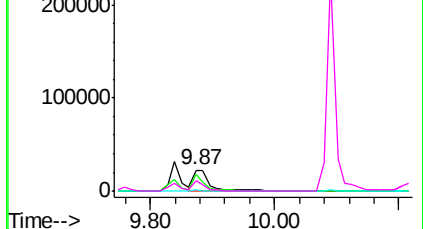
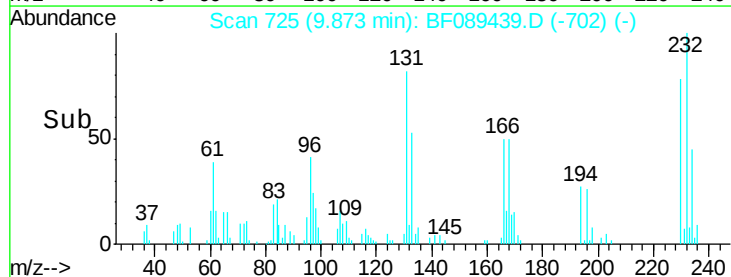


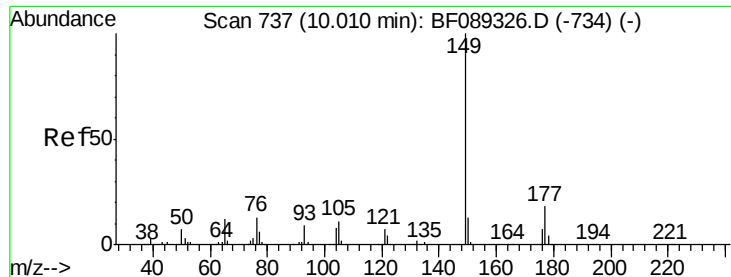
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

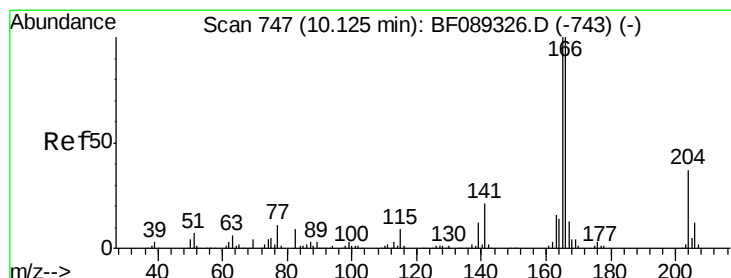
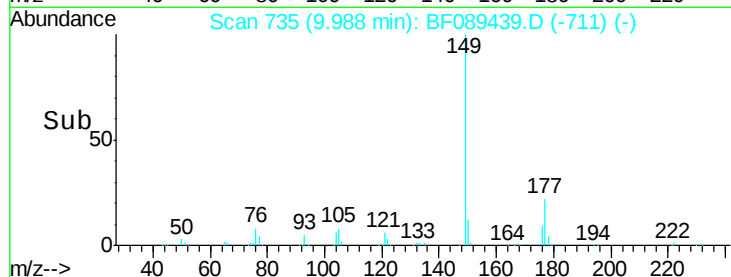
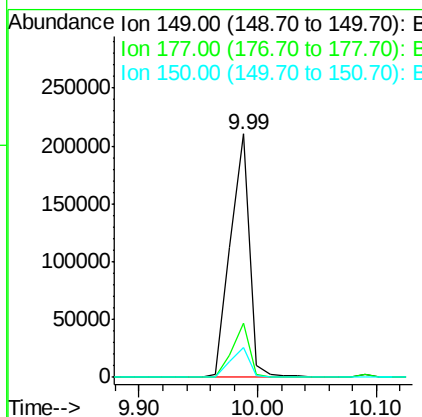
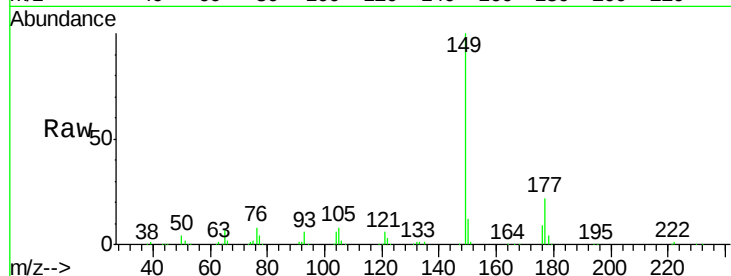




#59
Diethylphthalate
Concen: 37.91 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

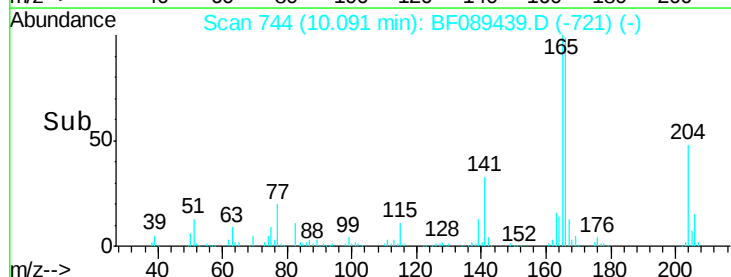
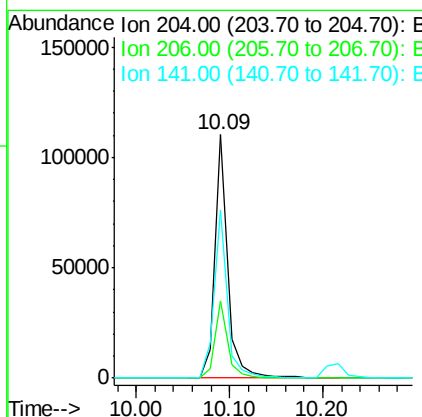
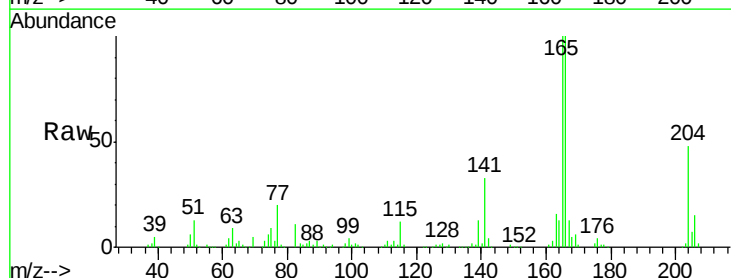
Instrument :
BNA_F
ClientSampleId :

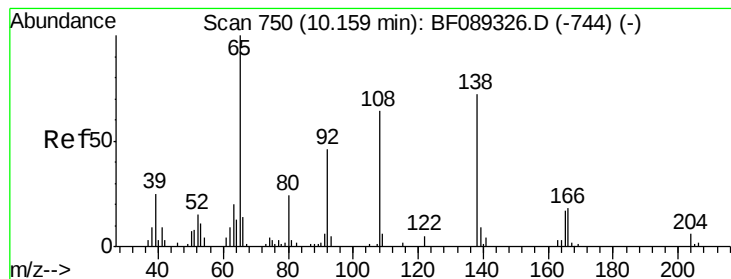
Tot Ion:149 Resp: 234633
Ion Ratio Lower Upper
149 100
177 22.4 15.1 22.7
150 12.0 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 40.81 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:204 Resp: 105051
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 69.0 46.6 70.0





#61

4-Nitroaniline

Concen: 36.48 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

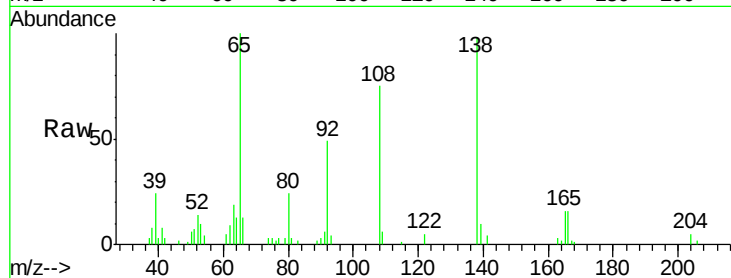
Tot Ion:138 Resp: 49783

Ion Ratio Lower Upper

138 100

92 50.3 41.2 81.2

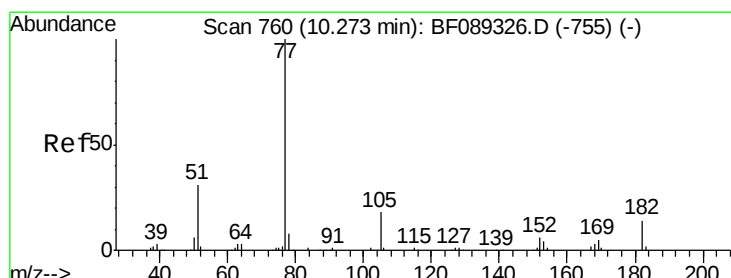
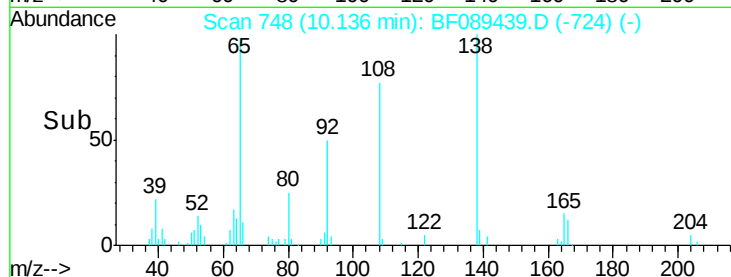
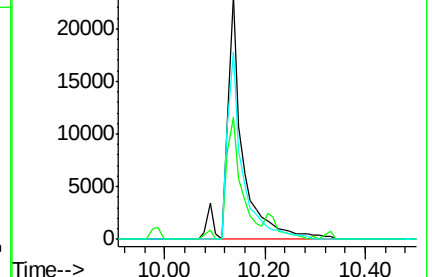
108 77.1 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.61 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Tgt Ion: 77 Resp: 239728

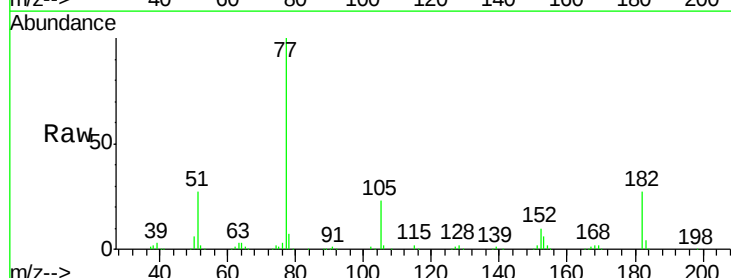
Ion Ratio Lower Upper

77 100

182 27.2 0.0 33.8

105 22.7 0.0 39.8

51 27.1 11.0 51.0

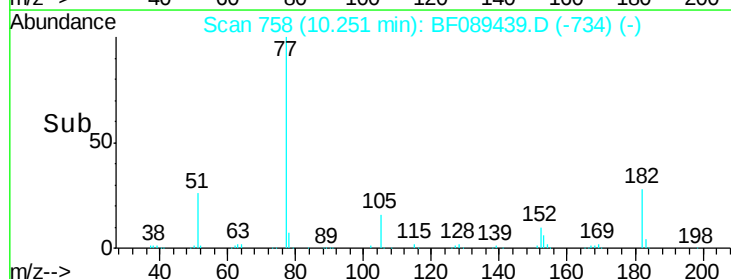
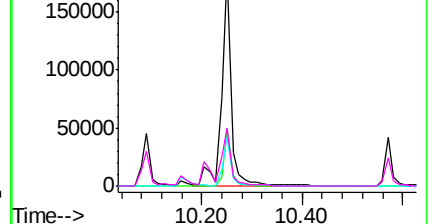


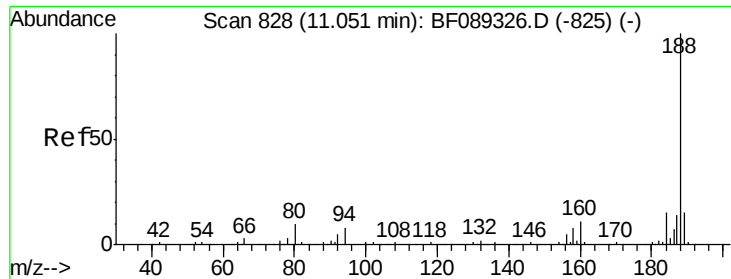
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

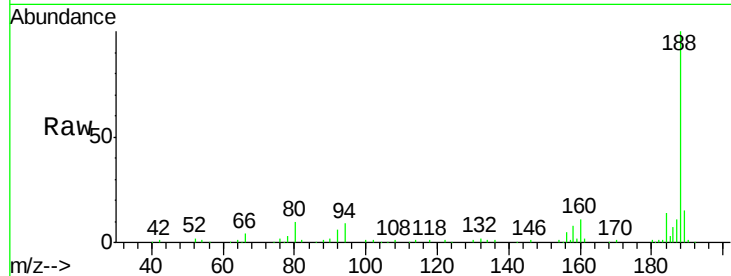




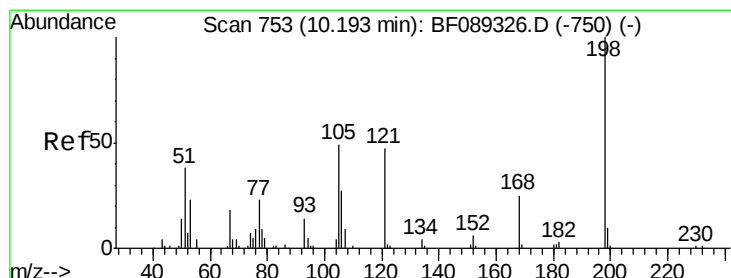
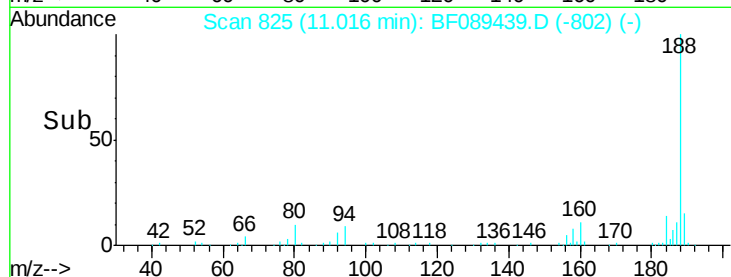
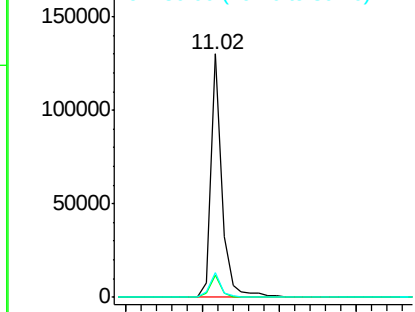
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 129193
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 10.3 7.2 10.8

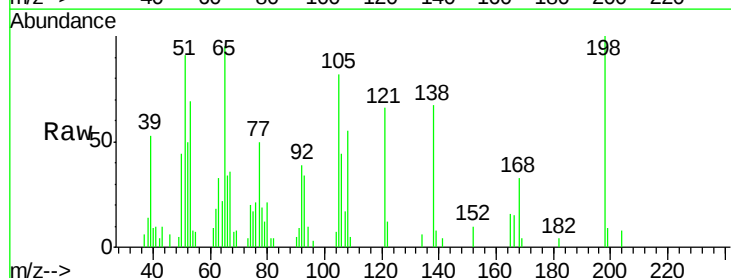


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

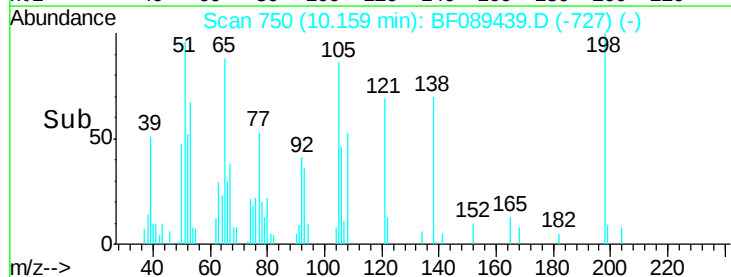
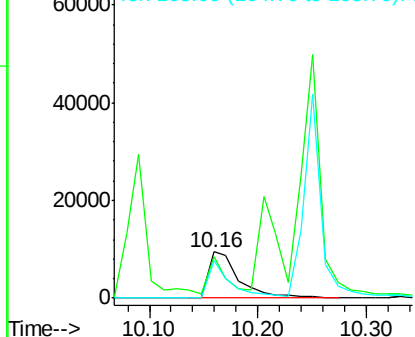


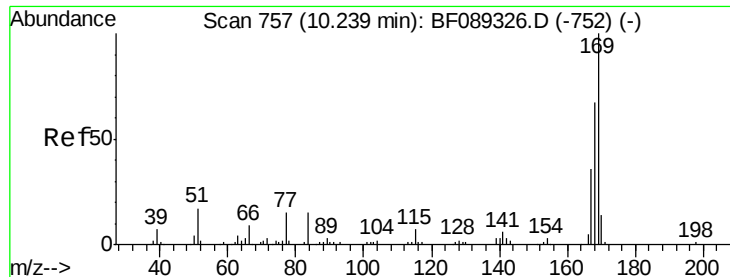
#64
4,6-Dinitro-2-methylphenol
Concen: 25.72 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:198 Resp: 18330
Ion Ratio Lower Upper
198 100
51 90.9 23.0 63.0#
105 81.6 28.3 68.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.89 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

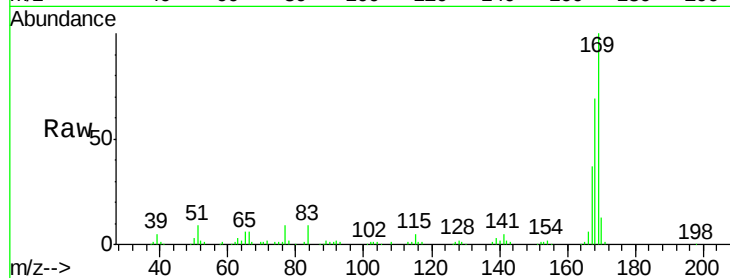
Tot Ion:169 Resp: 185004

Ion Ratio Lower Upper

169 100

168 68.6 55.4 83.0

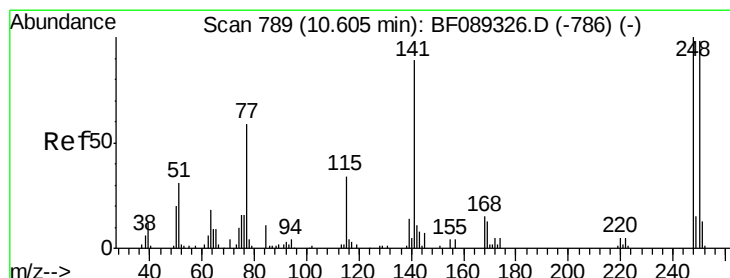
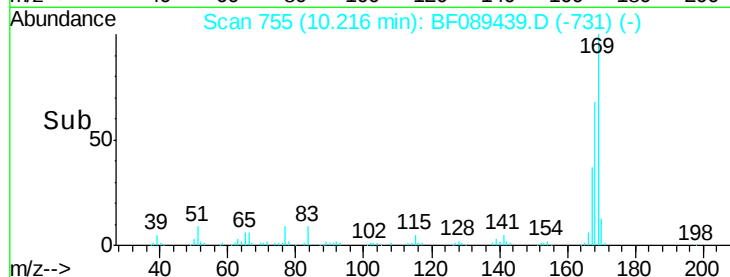
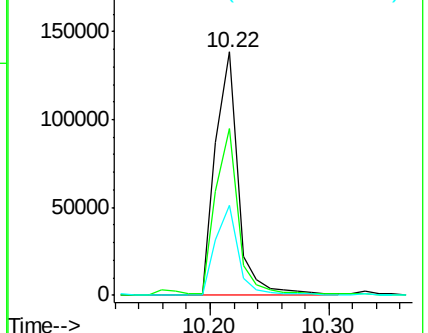
167 36.8 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.51 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

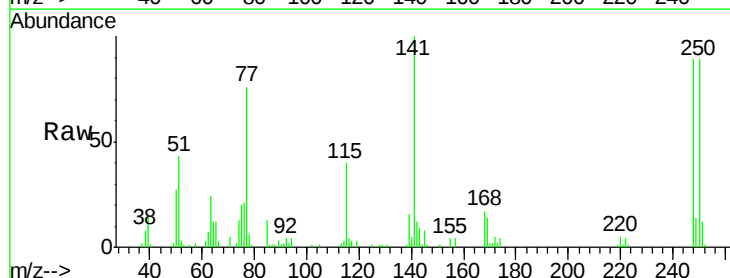
Tgt Ion:248 Resp: 56140

Ion Ratio Lower Upper

248 100

250 100.3 78.2 117.2

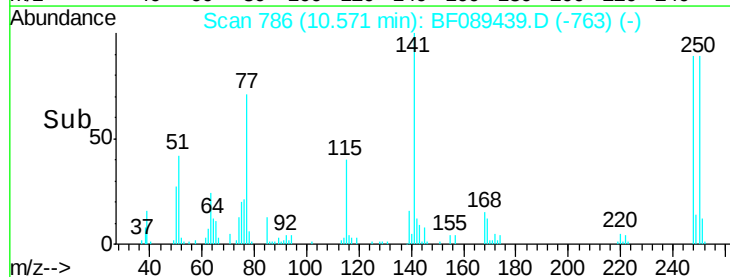
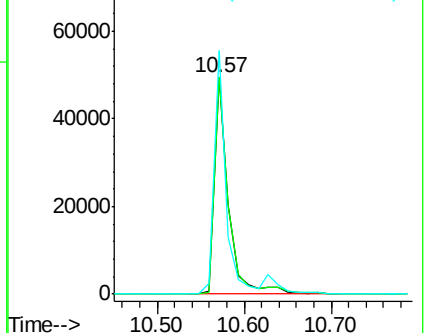
141 112.4 62.0 93.0#

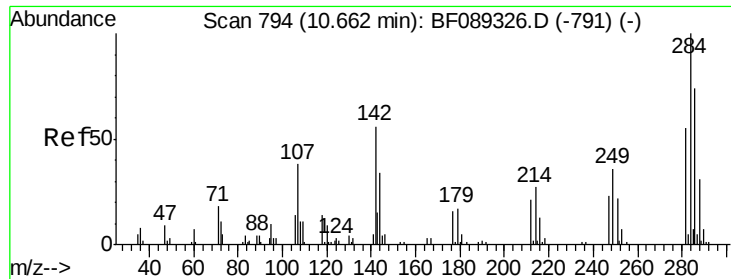


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

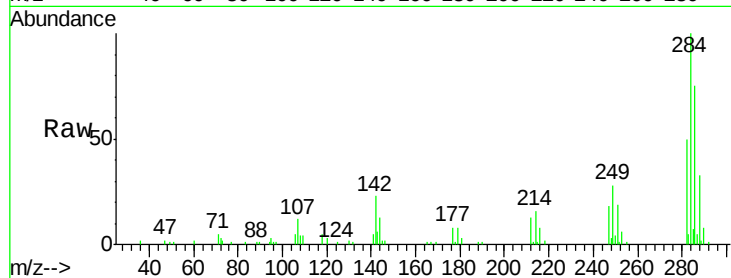




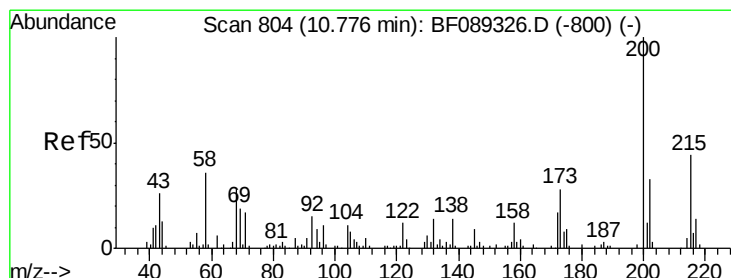
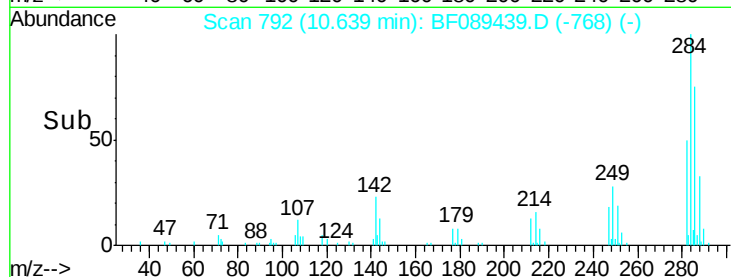
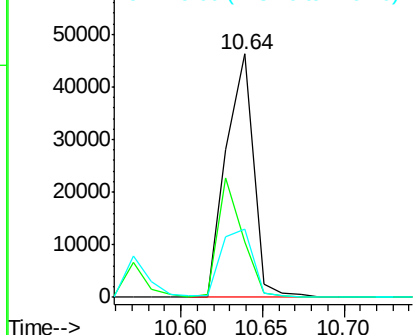
#67
Hexachlorobenzene
Concen: 42.41 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.6	42.2	63.4#
249	28.0	29.4	44.0#

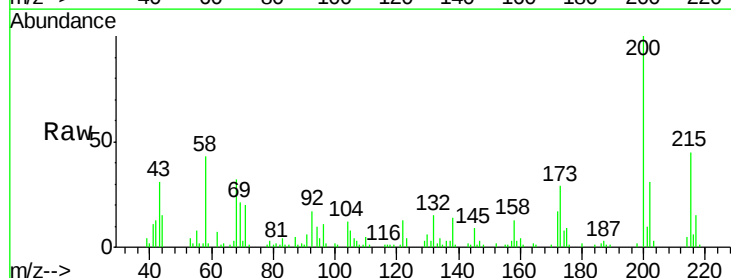


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

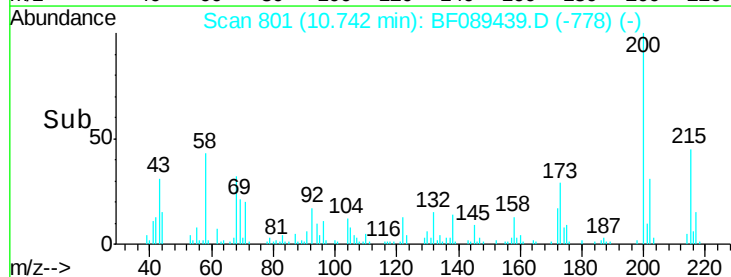
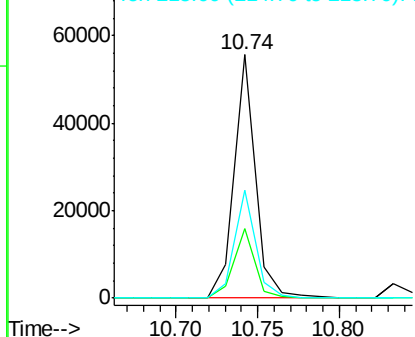


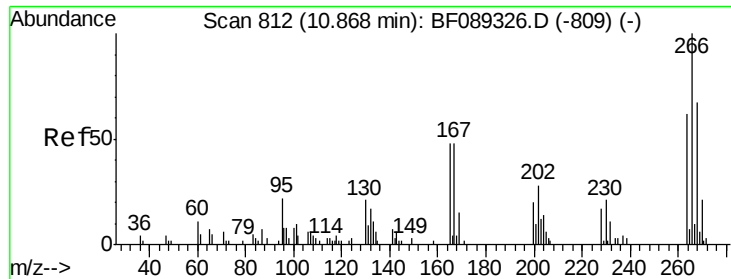
#68
Atrazine
Concen: 40.31 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.0	46.0
215	44.5	24.3	64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

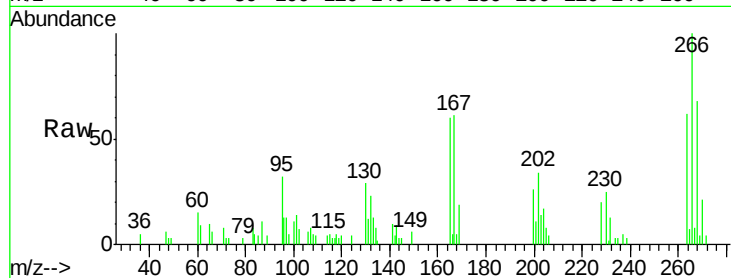




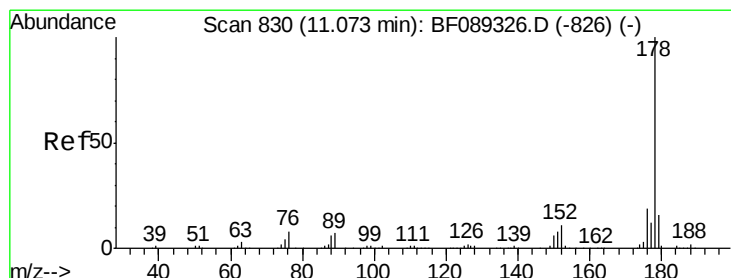
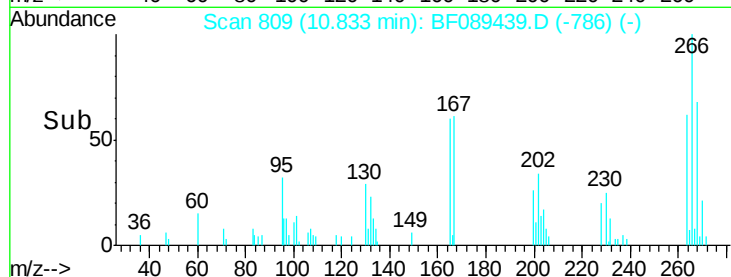
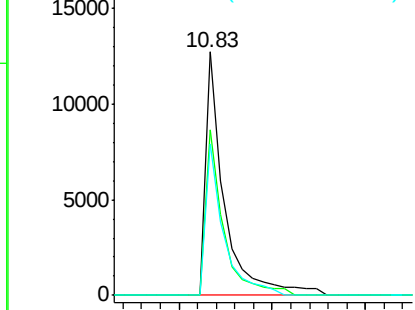
#69
 Pentachlorophenol
 Concen: 33.25 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 18017
 Ion Ratio Lower Upper
 266 100
 268 68.0 49.4 74.2
 264 62.3 50.2 75.2

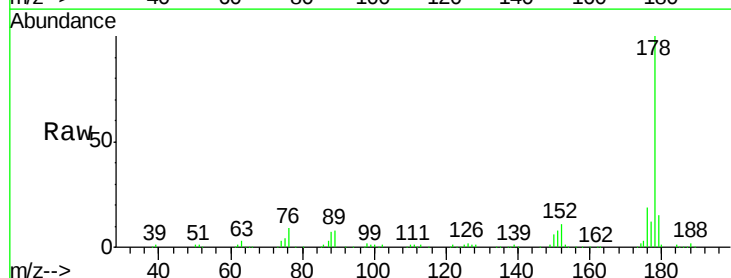


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

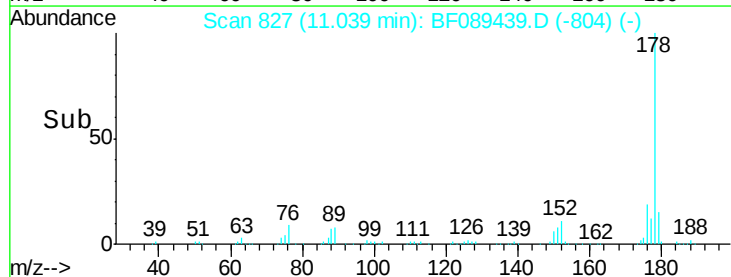
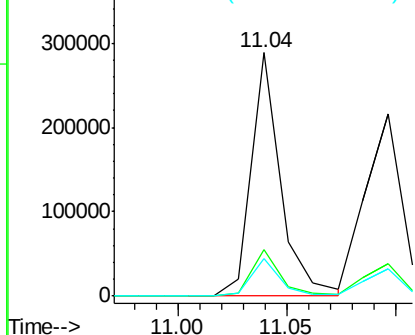


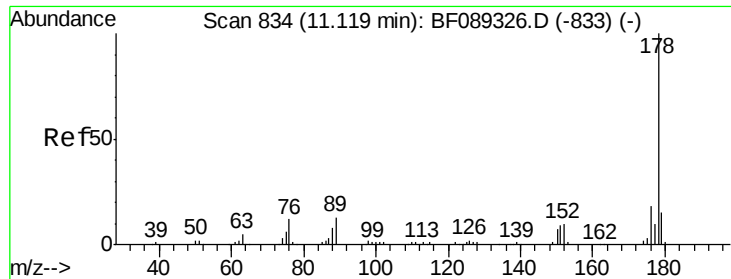
#70
 Phenanthrene
 Concen: 40.94 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:178 Resp: 272769
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

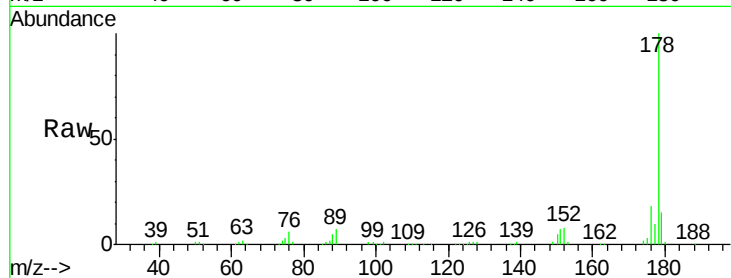




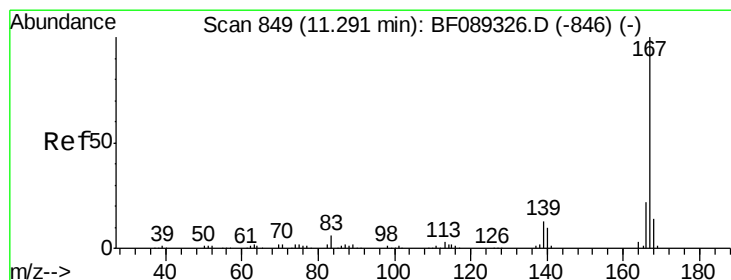
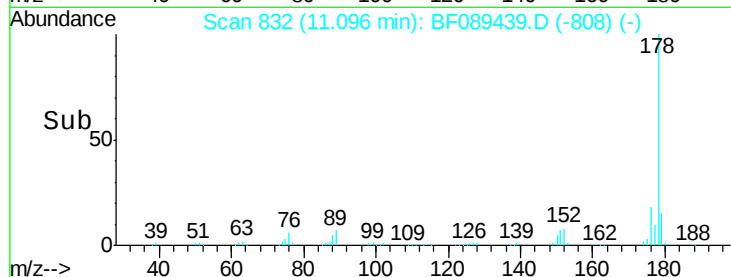
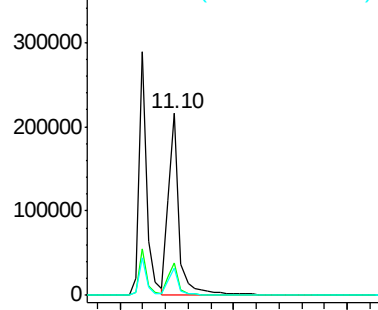
#71
 Anthracene
 Concen: 38.26 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 283462
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 14.9 12.6 18.8

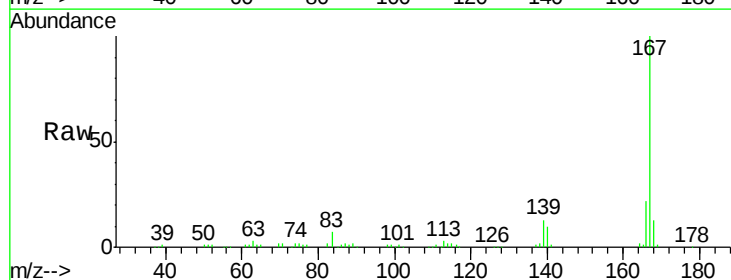


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

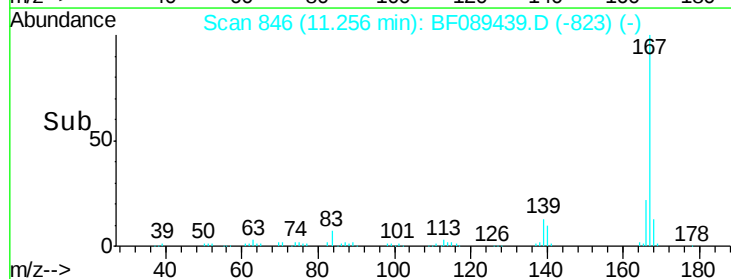
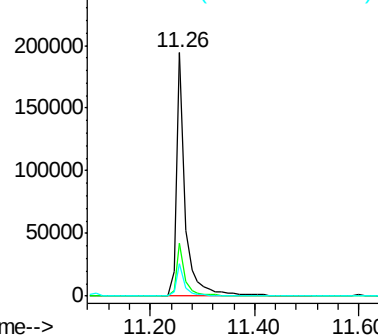


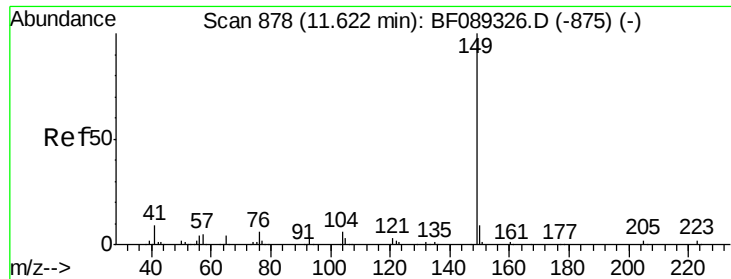
#72
 Carbazole
 Concen: 36.78 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:167 Resp: 229387
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.53 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

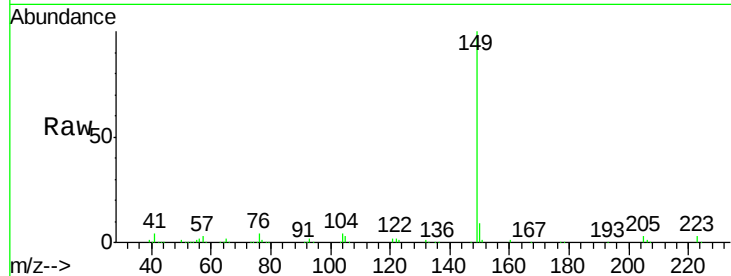
Tot Ion:149 Resp: 322345

Ion Ratio Lower Upper

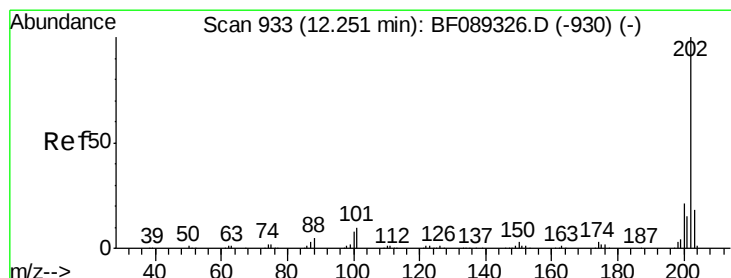
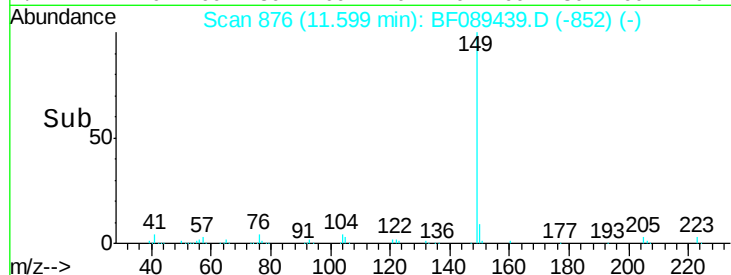
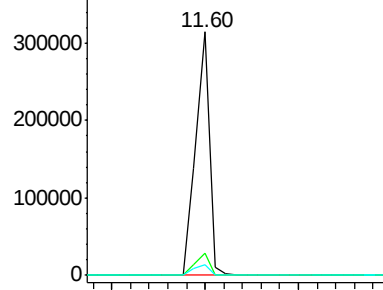
149 100

150 9.0 7.4 11.0

104 4.3 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.28 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

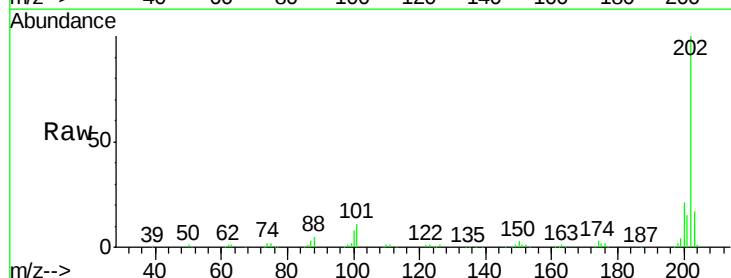
Tgt Ion:202 Resp: 261301

Ion Ratio Lower Upper

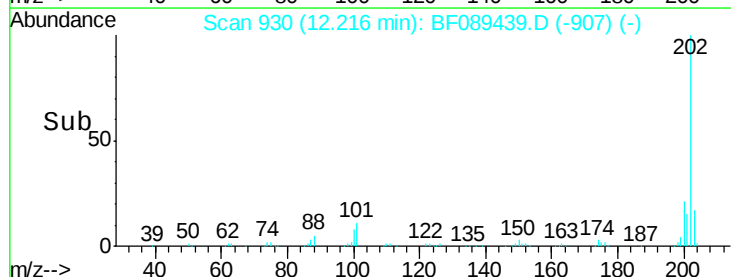
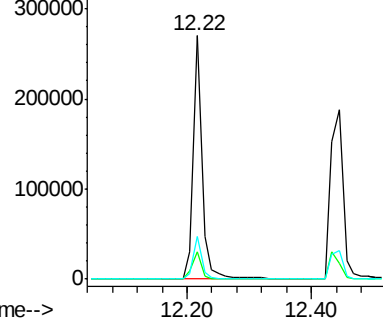
202 100

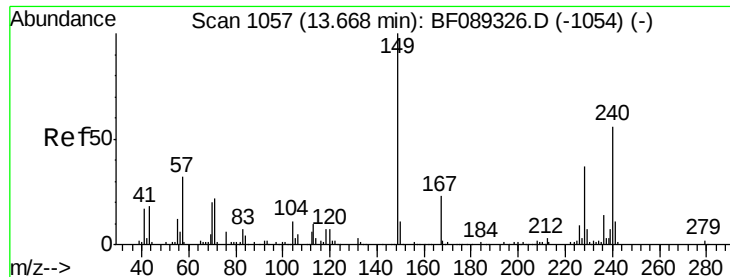
101 11.1 0.0 29.9

203 17.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampled :

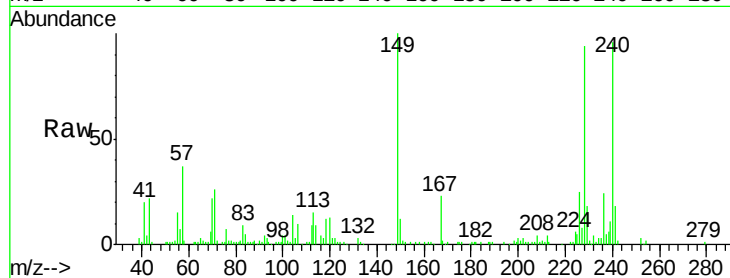
Tot Ion:240 Resp: 95814

Ion Ratio Lower Upper

240 100

120 13.6 9.1 13.7

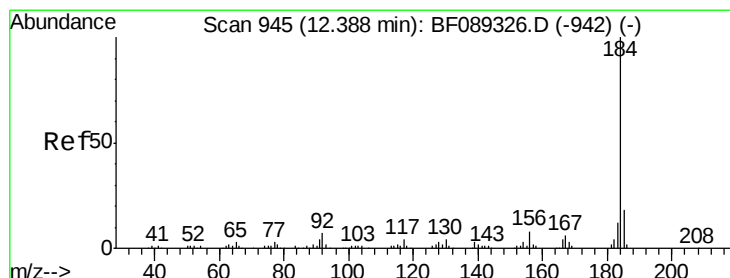
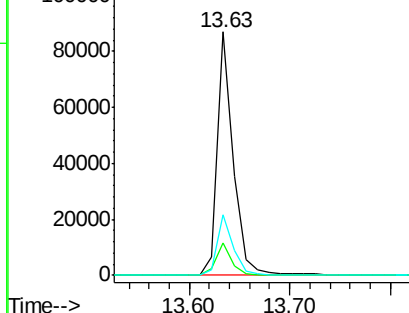
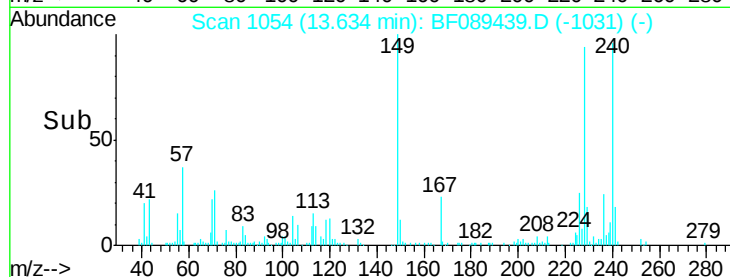
236 25.1 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.61 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

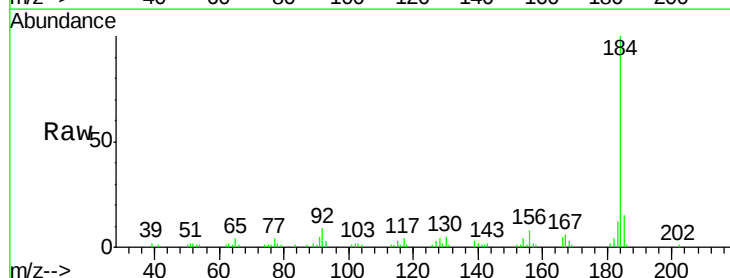
Tgt Ion:184 Resp: 94221

Ion Ratio Lower Upper

184 100

185 15.4 13.5 20.3

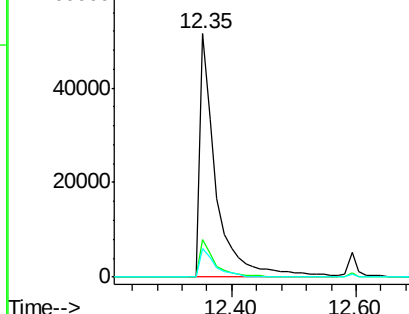
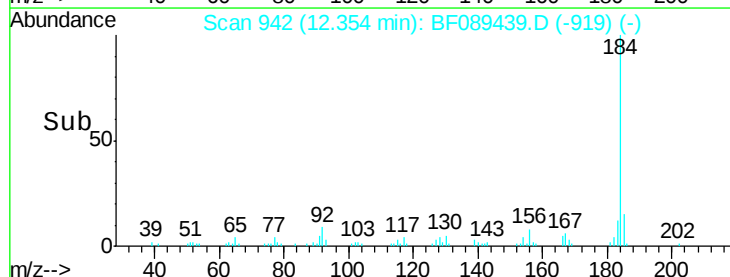
183 11.7 9.8 14.6

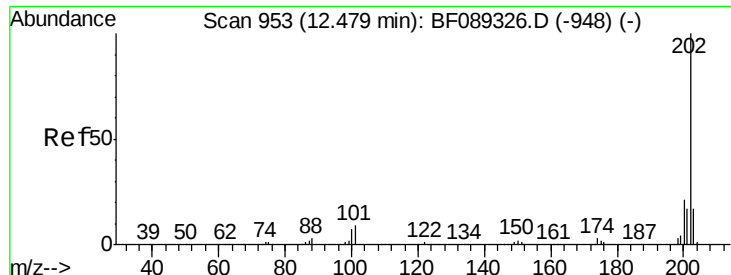


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

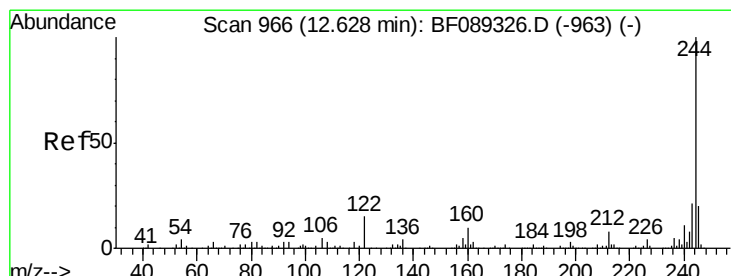
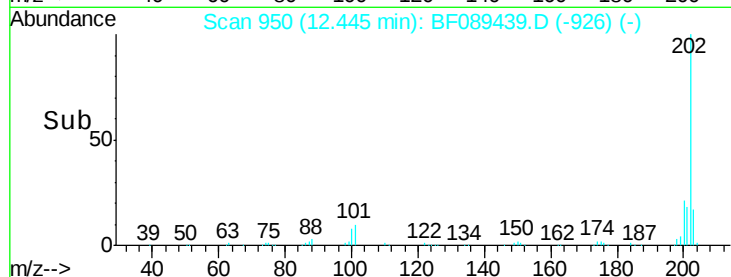
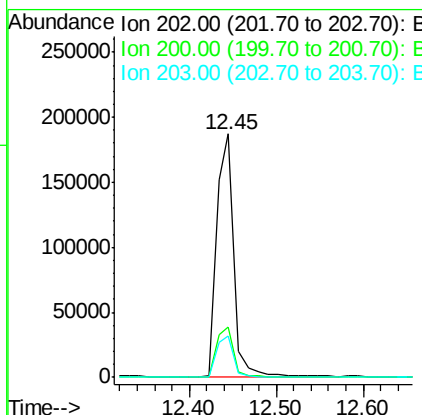
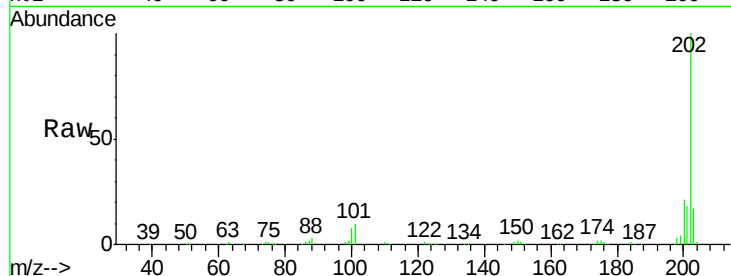




#77
Pvrene
Concen: 35.57 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

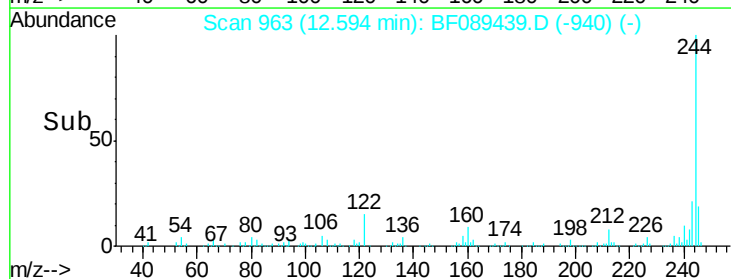
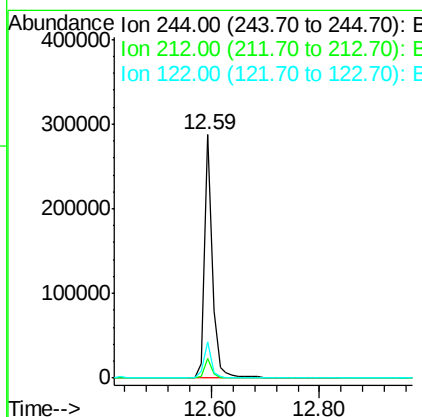
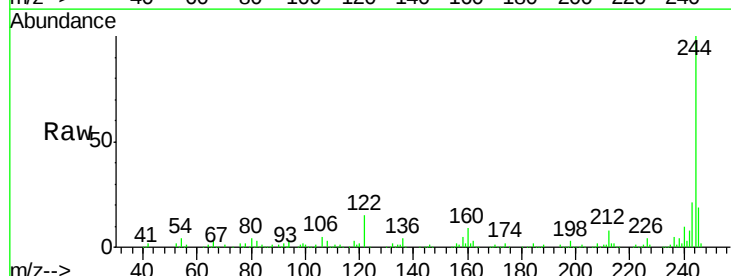
Instrument :
BNA_F
ClientSampled :

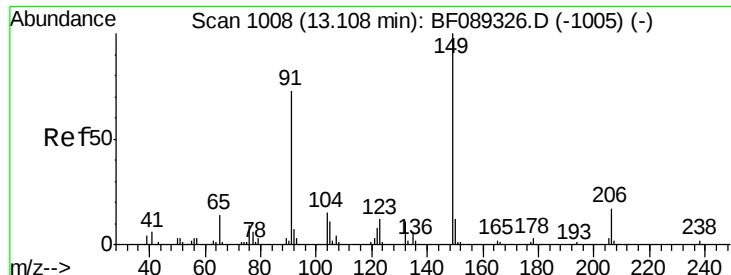
Tot Ion:202 Resp: 258300
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 16.9 14.0 21.0



#78
Terphenyl-d14
Concen: 70.16 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:244 Resp: 287213
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 14.9 11.4 17.0

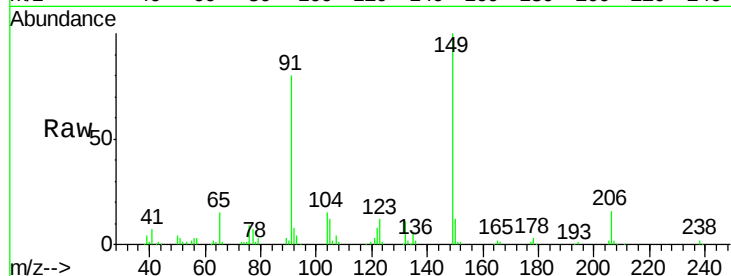




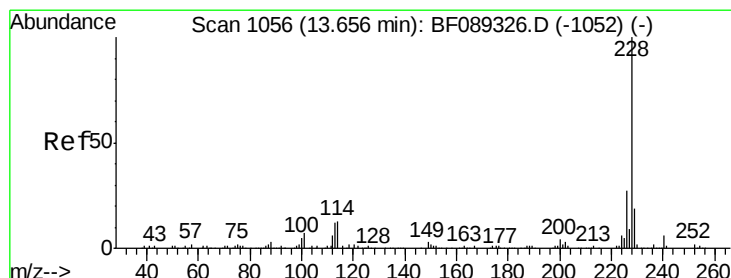
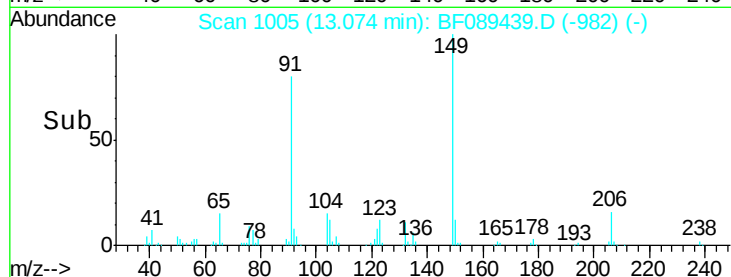
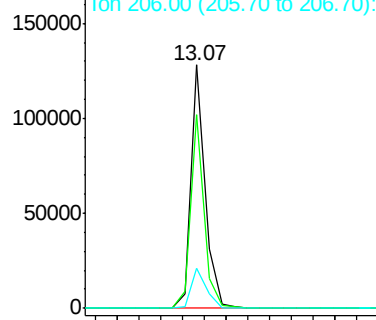
#79
Butylbenzylphthalate
Concen: 35.63 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 117631
Ion Ratio Lower Upper
149 100
91 79.6 58.5 87.7
206 16.3 13.8 20.8

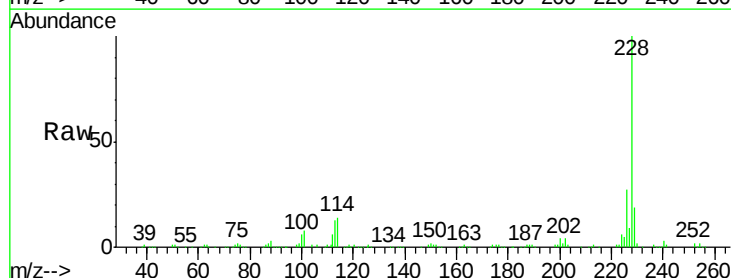


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

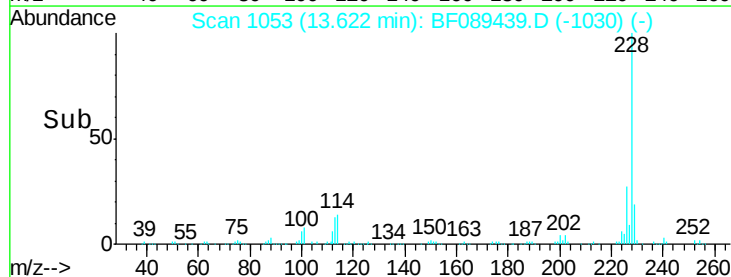
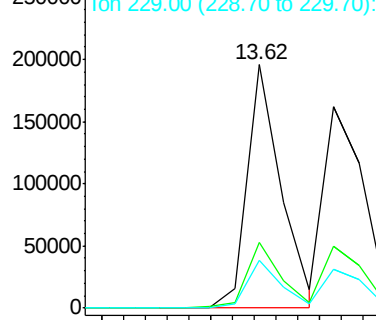


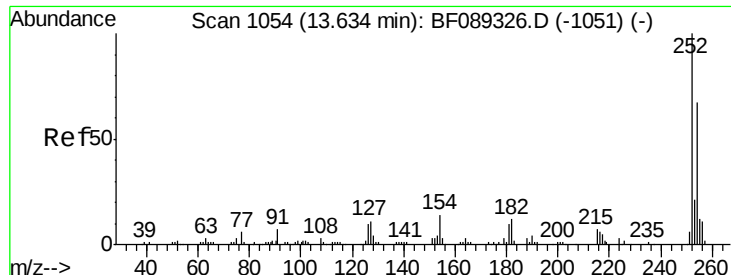
#80
Benzo(a)anthracene
Concen: 39.58 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:228 Resp: 214011
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

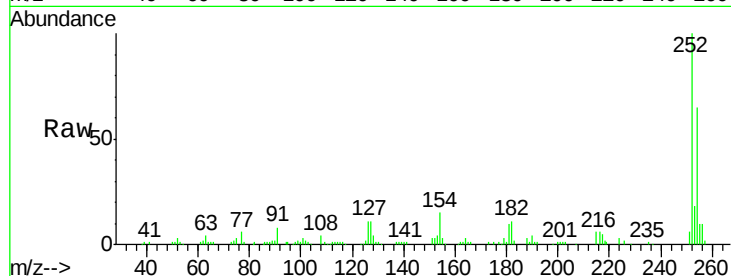




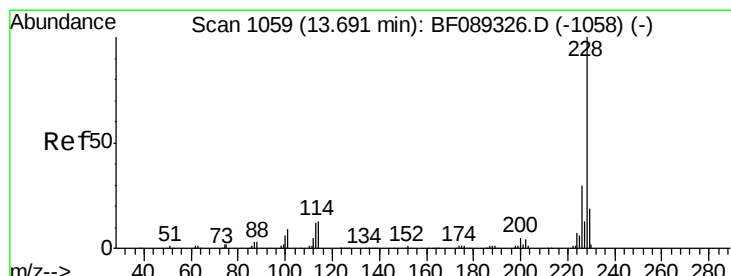
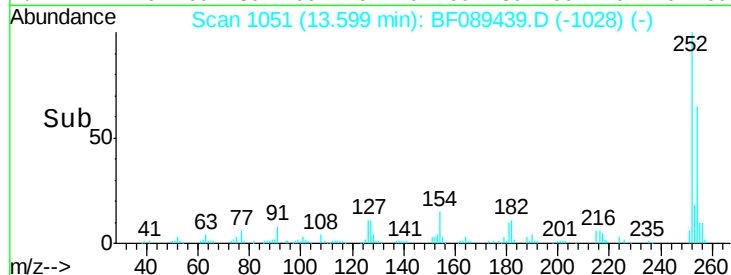
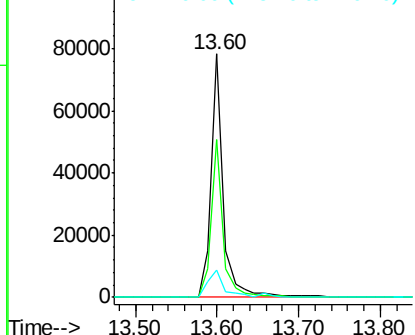
#81
 3,3'-Dichlorobenzidine
 Concen: 42.67 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 83034
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.5 78.7
 126 11.2 7.4 11.2#

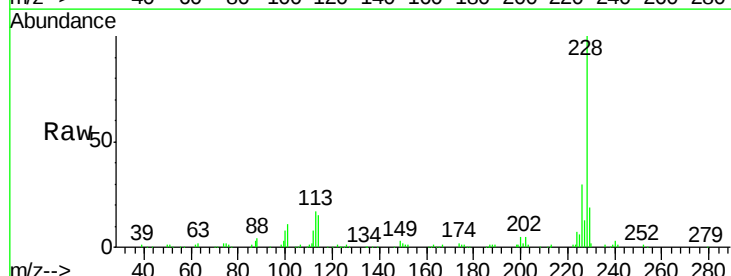


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

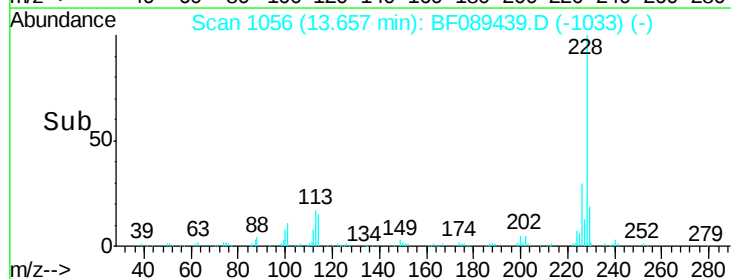
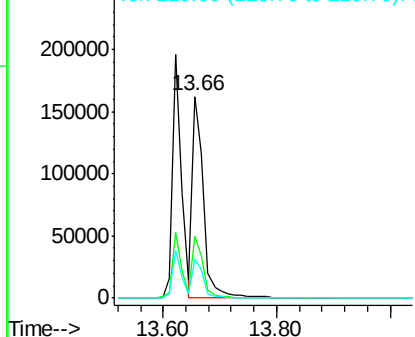


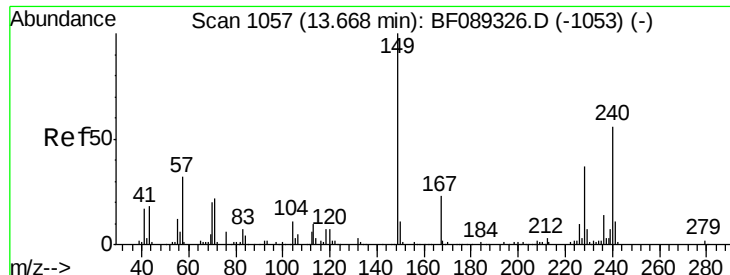
#82
 Chrysene
 Concen: 38.88 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:228 Resp: 223748
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.20 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

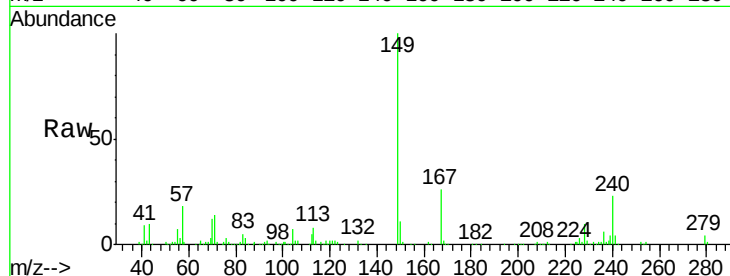
Tot Ion:149 Resp: 172774

Ion Ratio Lower Upper

149 100

167 26.4 18.8 28.2

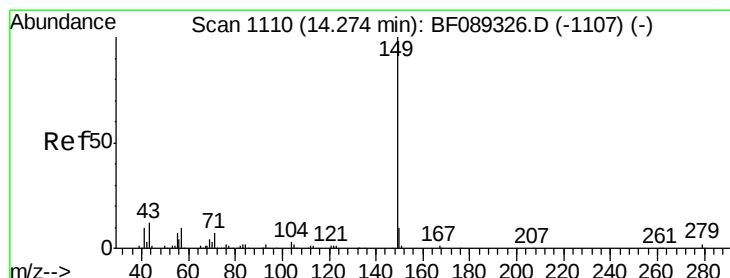
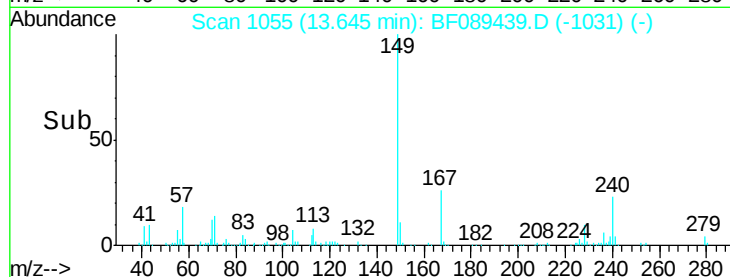
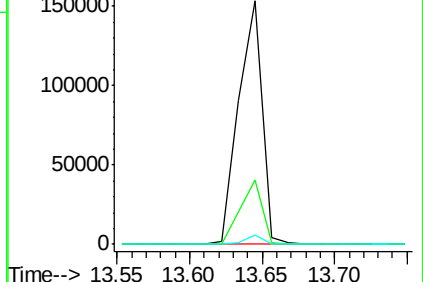
279 3.6 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.32 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

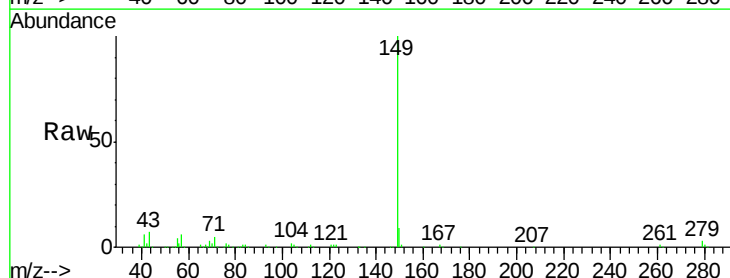
Tgt Ion:149 Resp: 307688

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

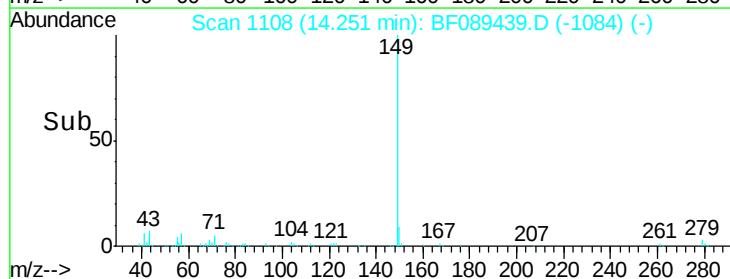
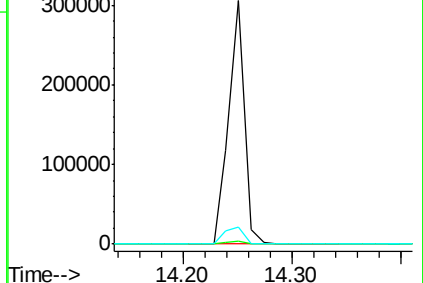
43 9.1 7.3 10.9

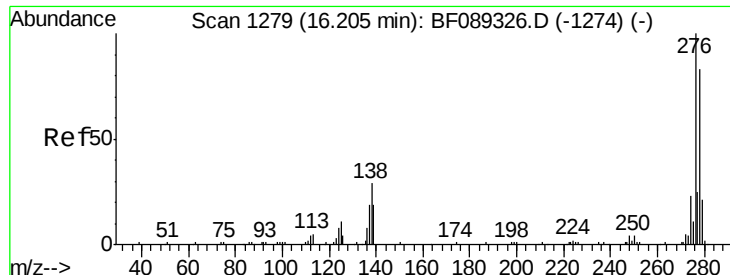


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

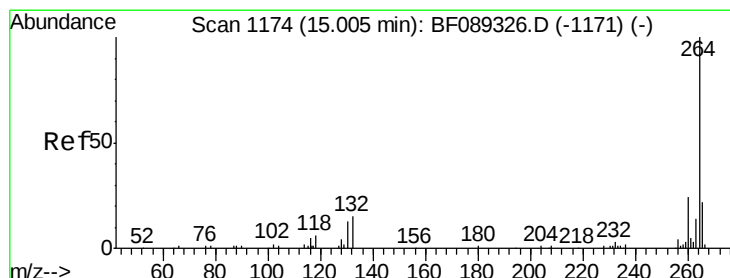
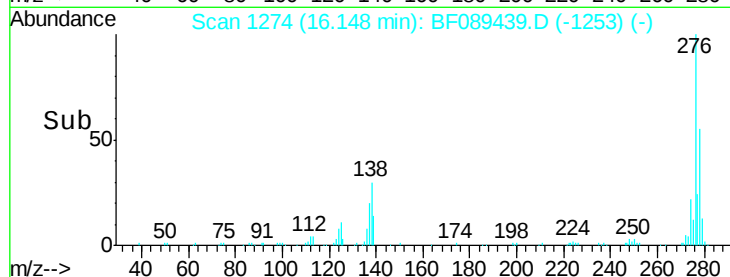
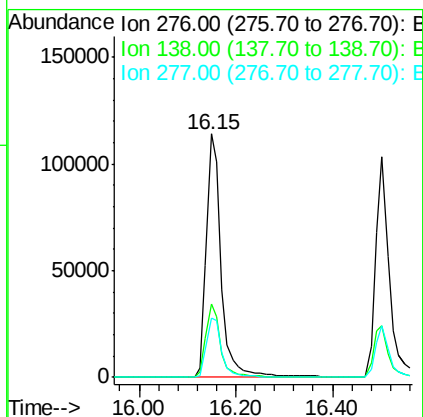
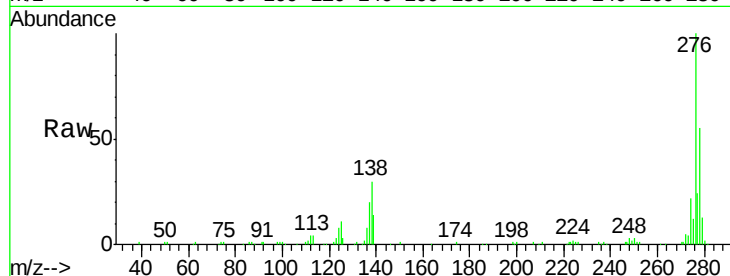




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.66 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. -0.06 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

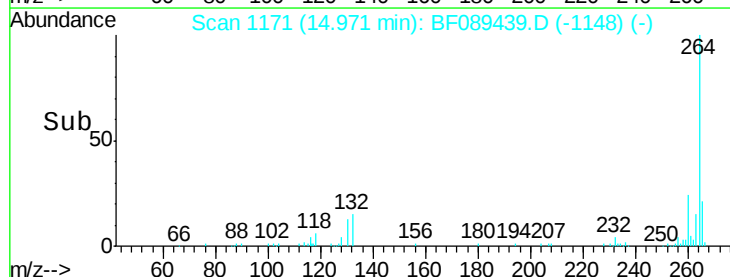
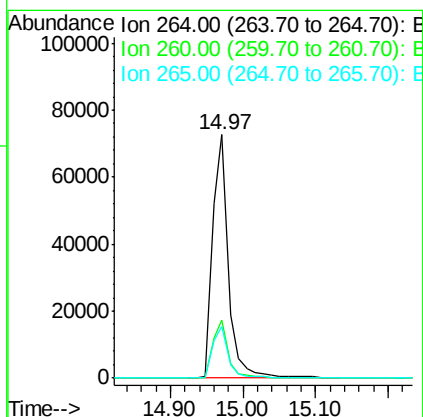
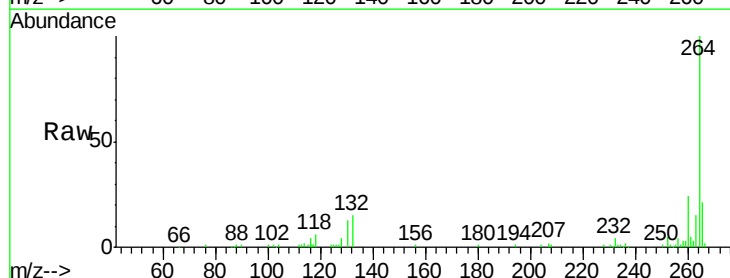
Instrument :
 BNA_F
 ClientSampleId :

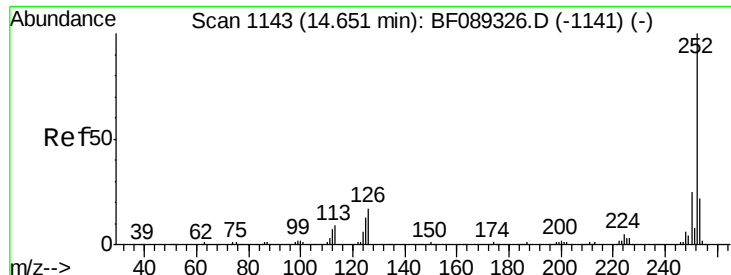
Tot Ion:276 Resp: 248221
 Ion Ratio Lower Upper
 276 100
 138 29.8 23.0 34.4
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Tgt Ion:264 Resp: 109491
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 70.87 ng

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

Instrument :

BNA_F

ClientSampleId :

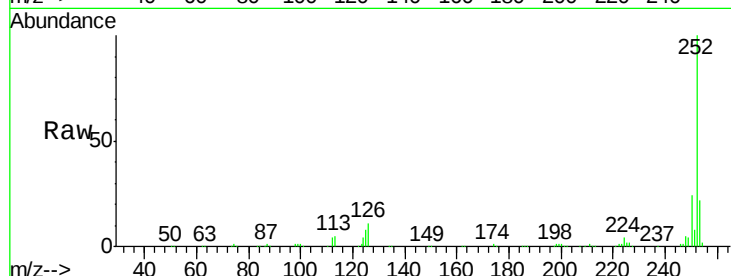
Tot Ion:252 Resp: 481914

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

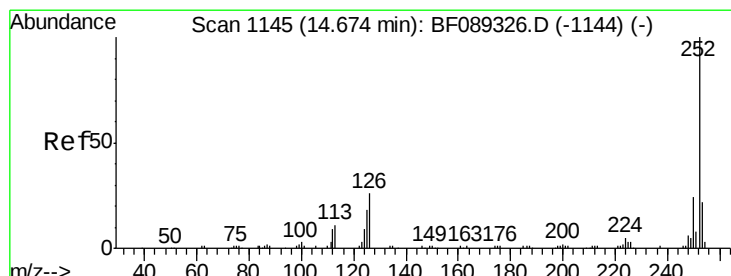
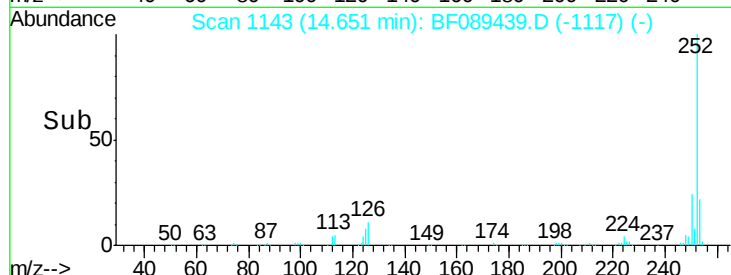
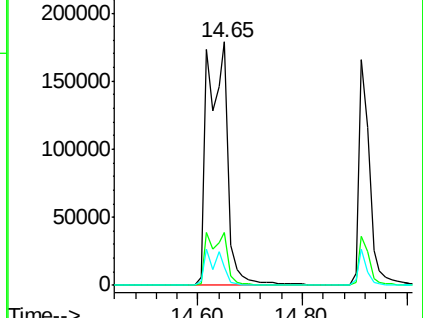
125 7.6 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.09 ng

RT: 14.65 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF089439.D

Acq: 30 Jul 2016 6:10

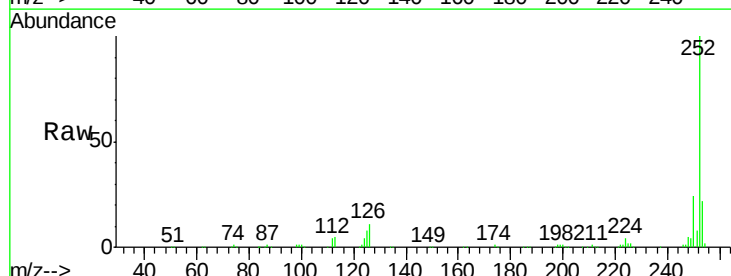
Tgt Ion:252 Resp: 481914

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

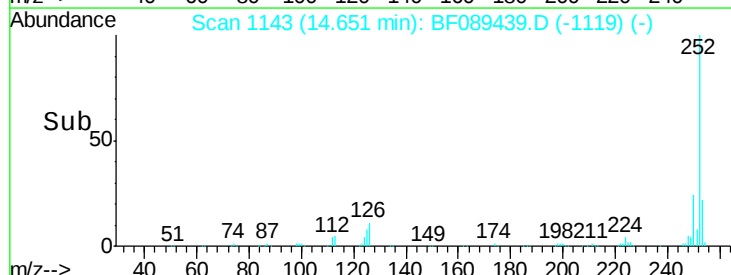
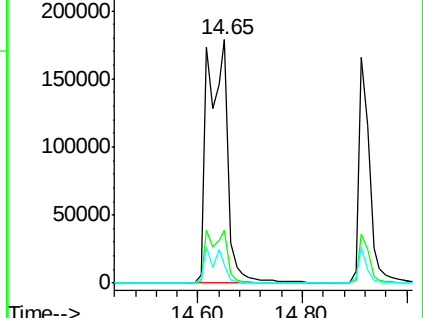
125 7.6 10.7 16.1#

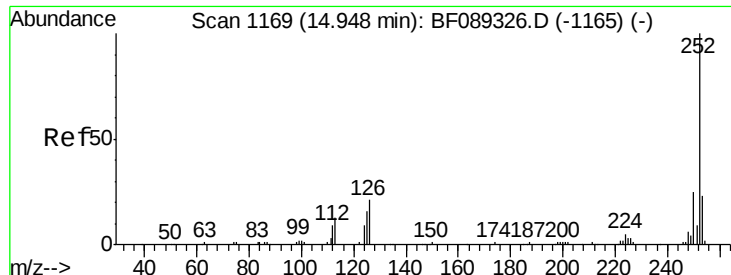


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

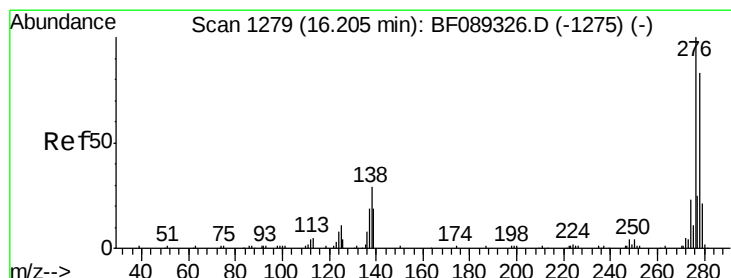
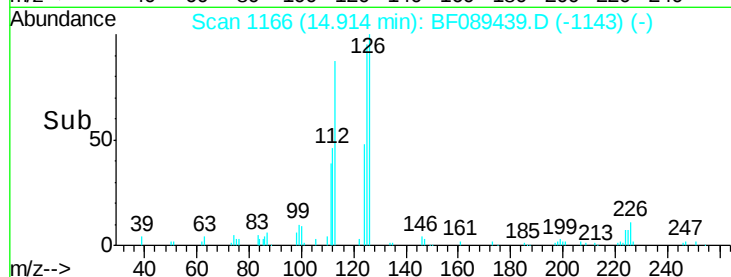
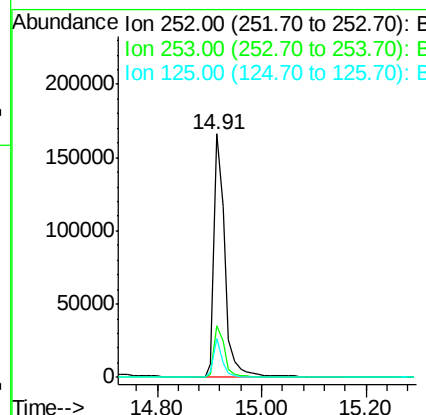
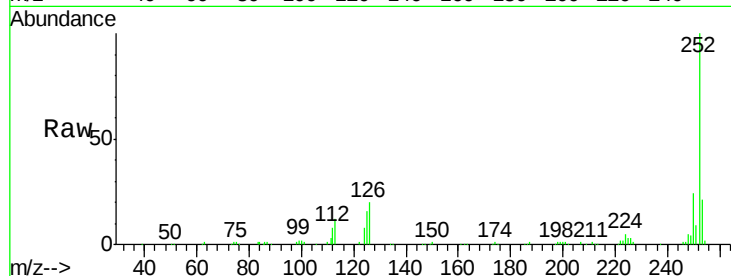




#89
Benzo(a)pyrene
Concen: 38.79 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

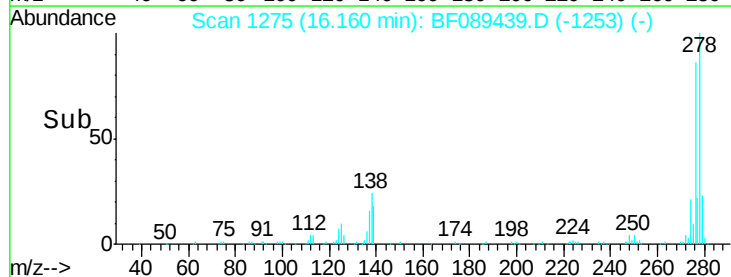
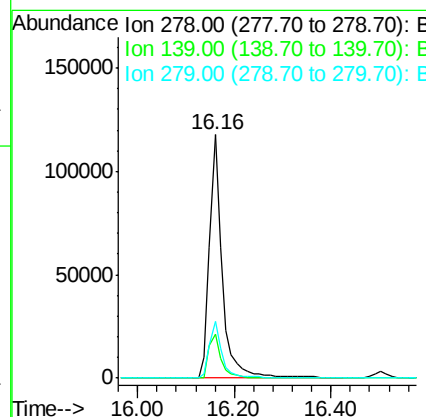
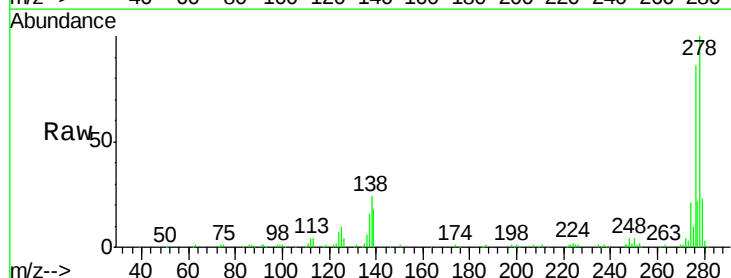
Instrument :
BNA_F
ClientSampleId :

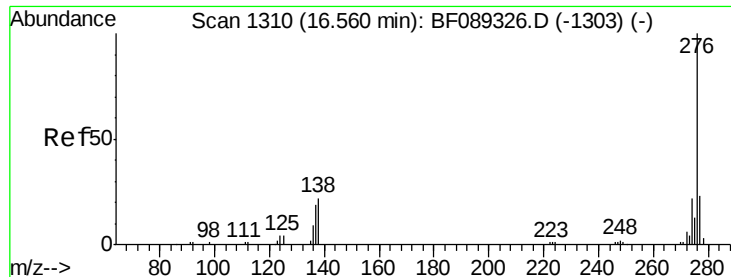
Tot Ion:252 Resp: 236600
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 16.0 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 45.60 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF089439.D
Acq: 30 Jul 2016 6:10

Tgt Ion:278 Resp: 219131
Ion Ratio Lower Upper
278 100
139 18.1 16.3 24.5
279 23.1 19.1 28.7

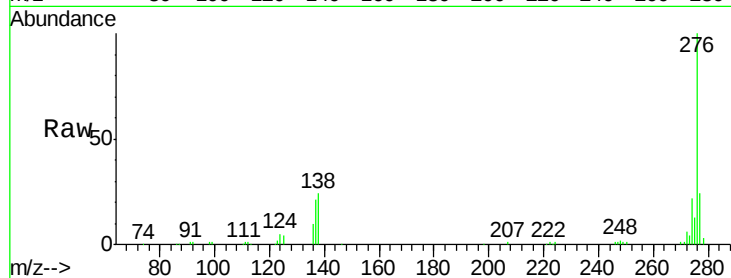




#91
 Benzo(a,h,i)perylene
 Concen: 44.27 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF089439.D
 Acq: 30 Jul 2016 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	23.6	21.4	32.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

