

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089449.D
 Acq On : 30 Jul 2016 13:13
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:06:22 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	6.50	152	51461	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	211534	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	93508	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	183299	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	115222	20.00	ng	-0.05
86) Perylene-d12	14.95	264	86966	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	253819	78.75	ng	-0.05
7) Phenol-d6	6.17	99	332984	78.18	ng	-0.03
23) Nitrobenzene-d5	7.08	82	318669	88.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.32	330	64546	83.34	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	530110	83.20	ng	-0.05
78) Terphenyl-d14	12.58	244	433699	88.10	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.90	88	57345	39.20	ng	99
3) Pyridine	2.49	79	136071	43.15	ng	99
4) n-Nitrosodimethylamine	2.47	42	55784	43.78	ng	98
6) Aniline	6.17	93	215414	46.84	ng	95
8) 2-Chlorophenol	6.28	128	142954	39.21	ng	88
9) Benzaldehyde	6.04	77	78381	37.69	ng	96
10) Phenol	6.18	94	202681	43.12	ng	87
11) bis(2-Chloroethyl)ether	6.25	93	147728	36.99	ng	92
12) 1,3-Dichlorobenzene	6.67	146	148749	39.01	ng	97
13) 1,4-Dichlorobenzene	6.52	146	161368	38.35	ng	94
14) 1,2-Dichlorobenzene	6.67	146	164629	41.76	ng	95
15) Benzyl Alcohol	6.66	79	111428	42.16	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.80	45	167457	38.44	ng	93
17) 2-Methylphenol	6.79	107	104250	37.00	ng	97
18) Hexachloroethane	7.02	117	62307	38.62	ng	# 78
19) n-Nitroso-di-n-propylamine	6.94	70	106211	41.35	ng	# 87
20) 3+4-Methylphenols	6.95	107	147068	40.64	ng	91
22) Acetophenone	6.94	105	218838	43.45	ng	# 96
24) Nitrobenzene	7.10	77	150736	36.96	ng	# 88
25) Isophorone	7.35	82	283461	39.27	ng	99
26) 2-Nitrophenol	7.42	139	77305	42.39	ng	# 89
27) 2,4-Dimethylphenol	7.47	122	125875	43.33	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	195765	48.99	ng	99
29) 2,4-Dichlorophenol	7.67	162	116752	44.10	ng	99
30) 1,2,4-Trichlorobenzene	7.74	180	126997	42.05	ng	96
31) Naphthalene	7.82	128	442691	42.26	ng	100
32) Benzoic acid	7.64	122	91952	45.42	ng	93
33) 4-Chloroaniline	7.87	127	179361	44.98	ng	# 90
34) Hexachlorobutadiene	7.94	225	68354	39.51	ng	97
35) Caprolactam	8.26	113	33614	42.07	ng	94
36) 4-Chloro-3-methylphenol	8.38	107	138609	44.06	ng	98
37) 2-Methylnaphthalene	8.50	142	268700	42.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	152869	46.72	ng	99
40) Hexachlorocyclopentadiene	8.66	237	34684	41.96	ng	97

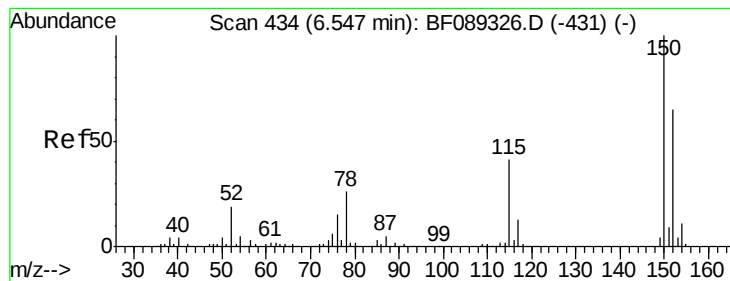
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089449.D
 Acq On : 30 Jul 2016 13:13
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:06:22 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	8.79	196	75687	48.65	nq	100
43) 2,4,5-Trichlorophenol	8.83	196	82941	42.09	nq	# 88
45) 1,1'-Biphenyl	8.97	154	365915	45.96	nq	97
46) 2-Chloronaphthalene	8.99	162	272383	45.56	nq	92
47) 2-Nitroaniline	9.10	65	89345	50.46	nq	# 78
48) Acenaphthylene	9.39	152	401666	42.65	nq	99
49) Dimethylphthalate	9.28	163	274020	38.50	nq	99
50) 2,6-Dinitrotoluene	9.35	165	63307	43.29	nq	# 77
51) Acenaphthene	9.56	154	223869	40.70	nq	100
52) 3-Nitroaniline	9.51	138	76973	49.88	nq	# 76
53) 2,4-Dinitrophenol	9.63	184	29106	53.00	nq	85
54) Dibenzofuran	9.74	168	314069	41.91	nq	97
55) 4-Nitrophenol	9.74	139	173535	219.24	nq	# 9
56) 2,4-Dinitrotoluene	9.75	165	85604	44.47	nq	# 74
57) Fluorene	10.08	166	276509	42.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	59887	45.52	nq	98
59) Diethylphthalate	9.98	149	323697	44.87	nq	97
60) 4-Chlorophenyl-phenylether	10.08	204	132488	44.15	nq	92
61) 4-Nitroaniline	10.12	138	71897	45.20	nq	92
62) Azobenzene	10.24	77	320980	43.20	nq	88
64) 4,6-Dinitro-2-methylphenol	10.16	198	43562	40.16	nq	87
65) n-Nitrosodiphenylamine	10.20	169	259297	45.34	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	69800	39.88	nq	# 81
67) Hexachlorobenzene	10.63	284	78858	43.97	nq	# 74
68) Atrazine	10.73	200	66221	37.69	nq	96
69) Pentachlorophenol	10.82	266	34466	42.72	nq	98
70) Phenanthrene	11.03	178	379649	40.16	nq	100
71) Anthracene	11.08	178	424386	40.38	nq	100
72) Carbazole	11.24	167	374956	42.38	nq	99
73) Di-n-butylphthalate	11.59	149	489475	41.23	nq	# 98
74) Fluoranthene	12.20	202	404696	40.70	nq	98
76) Benzidine	12.34	184	272244	63.95	nq	96
77) Pyrene	12.43	202	412371	47.22	nq	100
79) Butylbenzylphthalate	13.06	149	172604	43.47	nq	89
80) Benzo(a)anthracene	13.61	228	271974	41.83	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	98937	42.28	nq	# 99
82) Chrysene	13.65	228	268856	38.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	247322	43.09	nq	# 95
84) Di-n-octyl phthalate	14.24	149	377964	42.20	nq	98
85) Indeno(1,2,3-cd)pyrene	16.14	276	203205	41.29	nq	98
87) Benzo(b)fluoranthene	14.61	252	425750	78.83	nq	# 97
88) Benzo(k)fluoranthene	14.61	252	425970	85.79	nq	98
89) Benzo(a)pyrene	14.90	252	205230	42.36	nq	96
90) Dibenzo(a,h)anthracene	16.14	278	176210	46.17	nq	98
91) Benzo(g,h,i)perylene	16.48	276	181893	48.48	nq	96

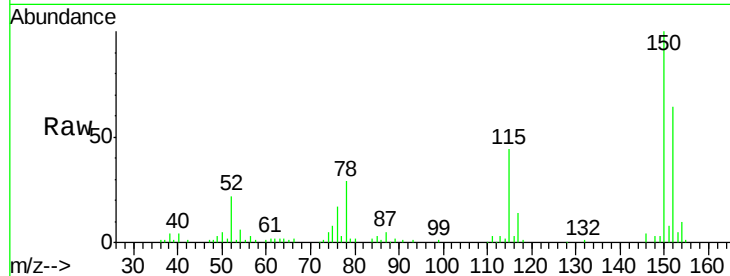
(#) = qualifier out of range (m) = manual integration (+) = signals summed



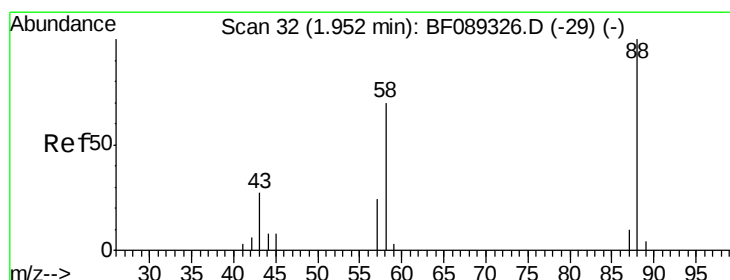
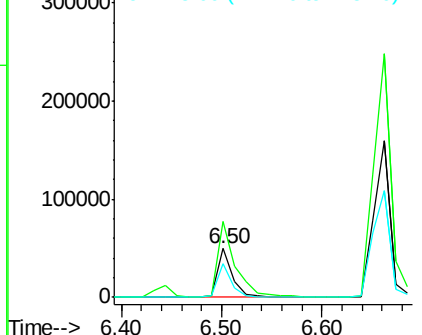
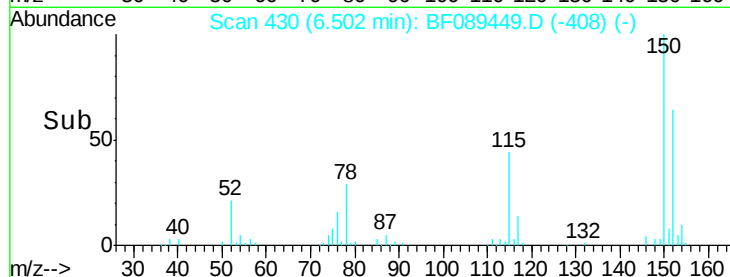
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 51461
 Ion Ratio Lower Upper
 152 100
 150 156.6 129.5 194.3
 115 68.8 51.4 77.2

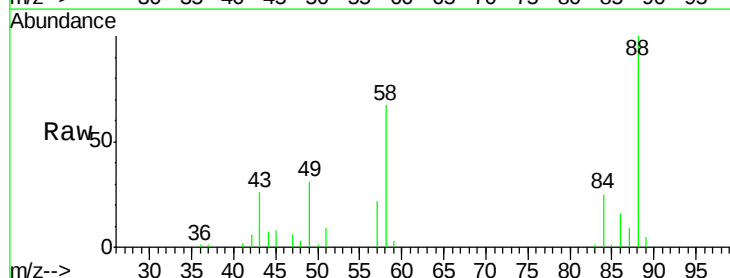


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

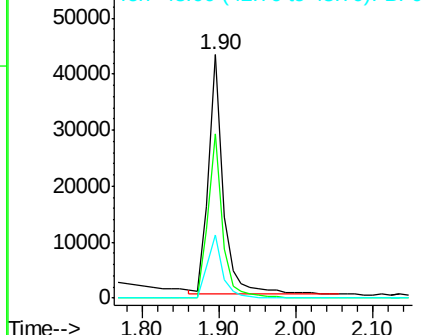
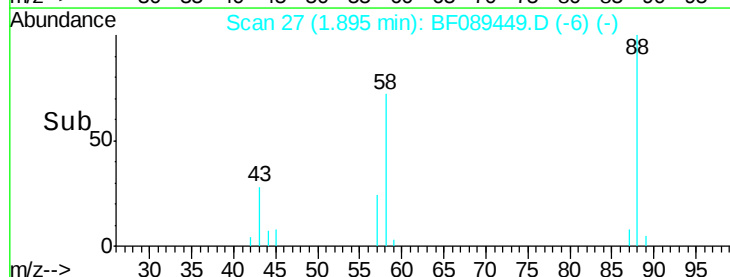


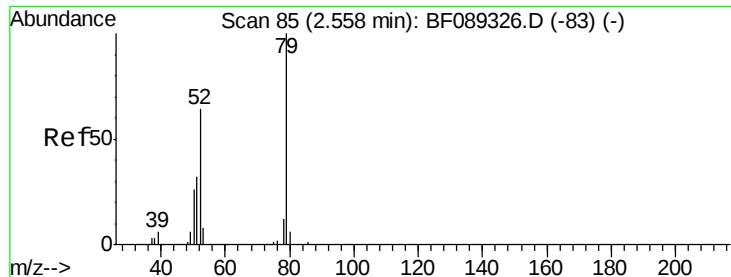
#2
 1,4-Dioxane
 Concen: 39.20 ng
 RT: 1.90 min Scan# 27
 Delta R.T. -0.06 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion: 88 Resp: 57345
 Ion Ratio Lower Upper
 88 100
 58 66.6 53.2 79.8
 43 26.5 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: 43.15 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

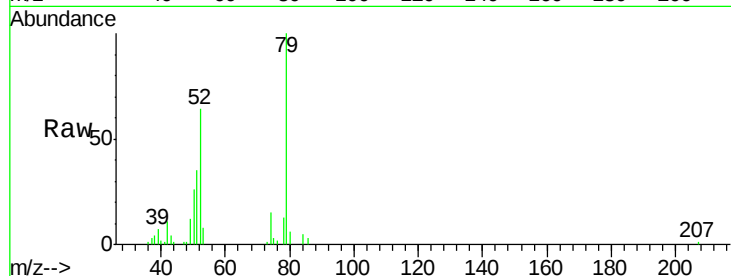
Tot Ion: 79 Resp: 136071

Ion Ratio Lower Upper

79 100

52 64.3 51.9 77.9

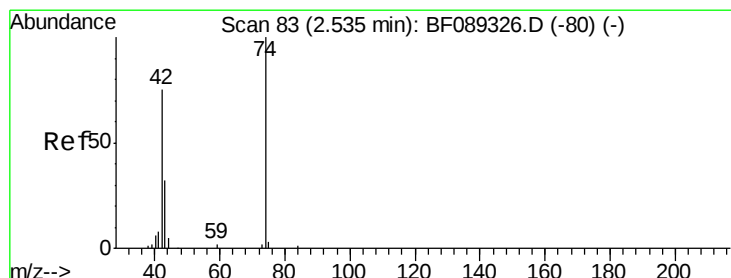
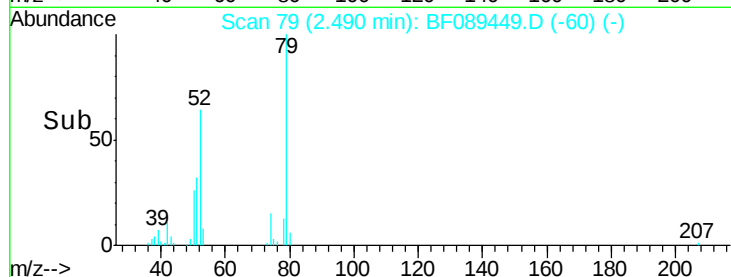
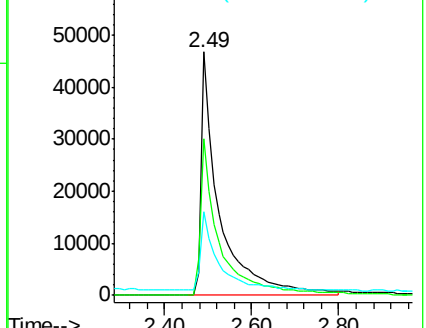
51 34.6 28.2 42.4



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: 43.78 ng

RT: 2.47 min Scan# 77

Delta R.T. -0.07 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

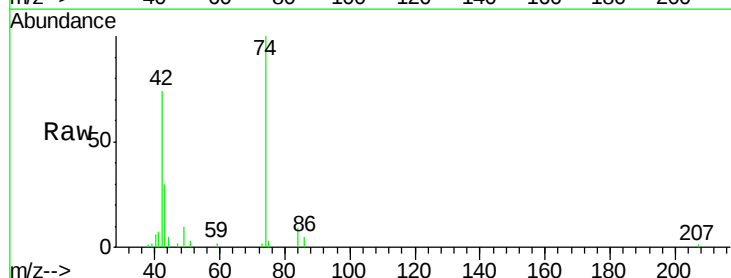
Tgt Ion: 42 Resp: 55784

Ion Ratio Lower Upper

42 100

74 135.5 110.8 166.2

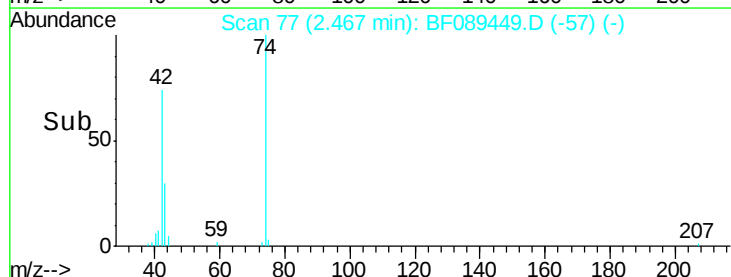
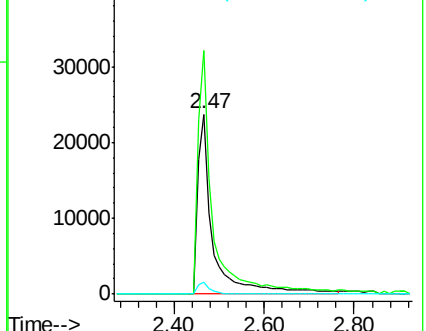
44 6.6 5.2 7.8

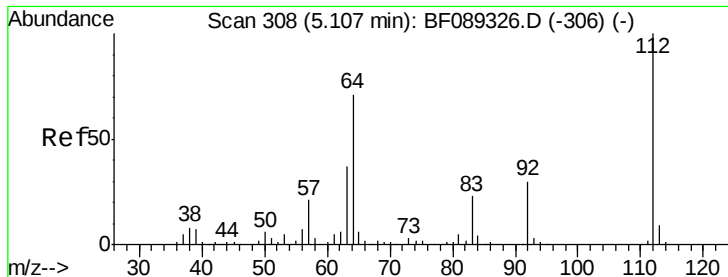


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.75 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampled :

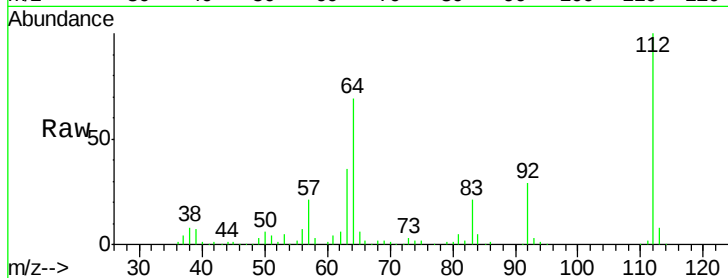
Tot Ion: 112 Resp: 253819

Ion Ratio Lower Upper

112 100

64 68.8 55.0 82.6

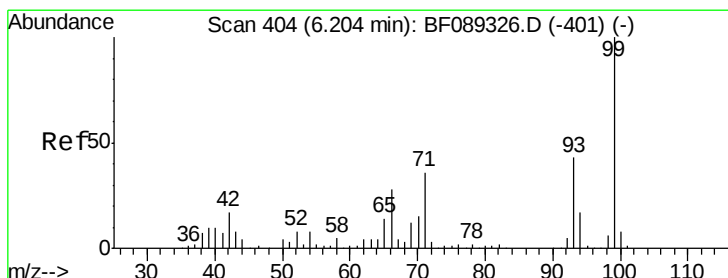
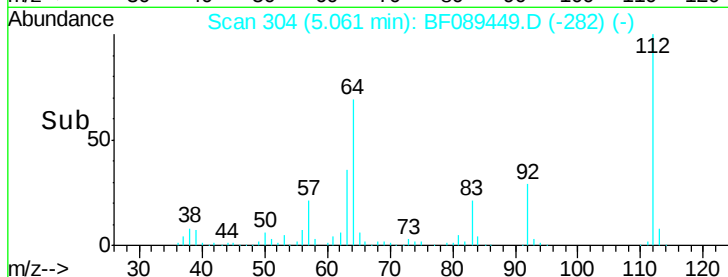
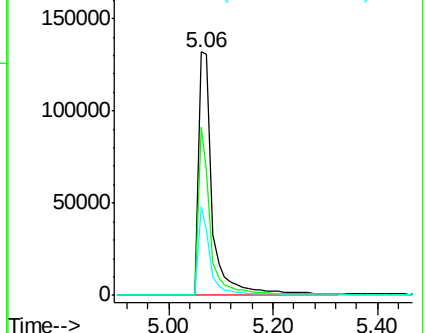
63 36.4 29.4 44.2



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: 46.84 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

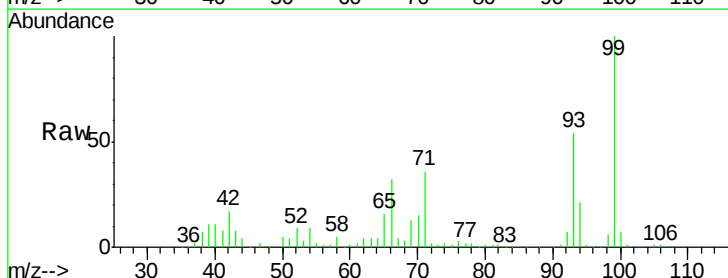
Tgt Ion: 93 Resp: 215414

Ion Ratio Lower Upper

93 100

66 60.0 51.6 77.4

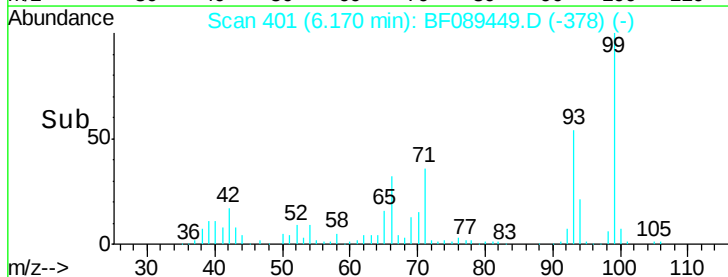
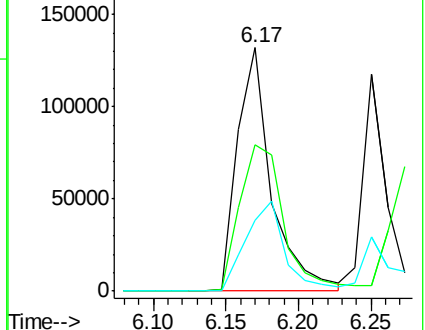
65 29.2 24.7 37.1

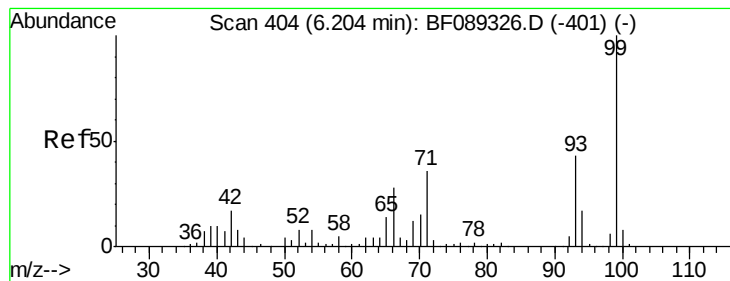


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.18 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

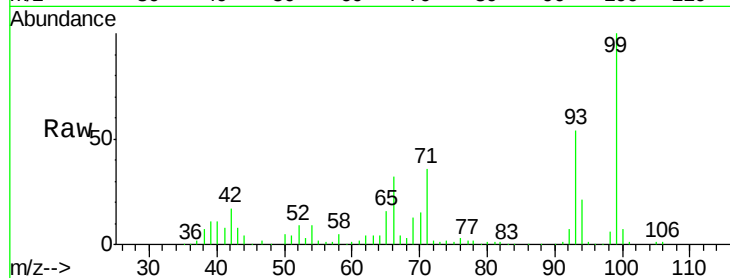
Tot Ion: 99 Resp: 332984

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

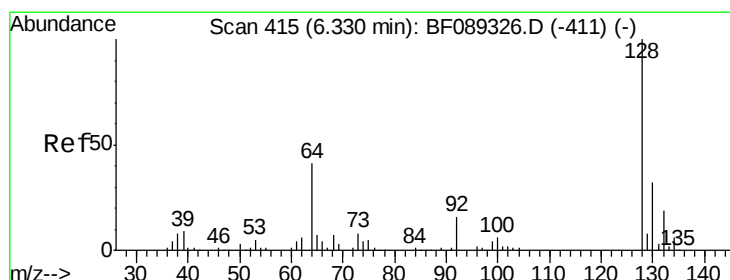
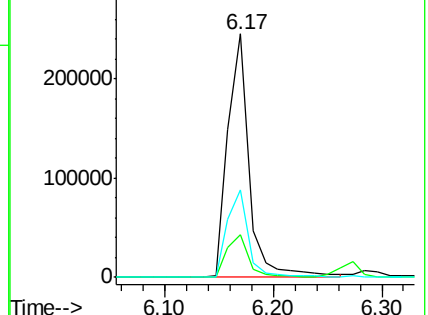
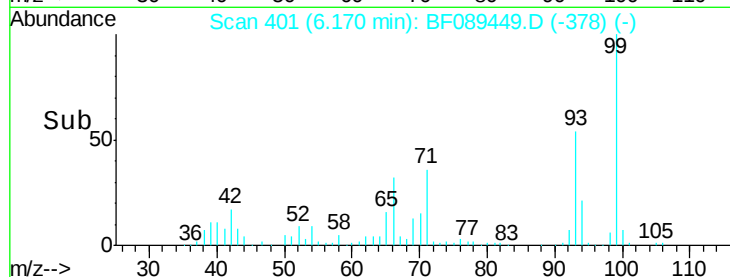
71 35.7 29.4 44.2



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: 39.21 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

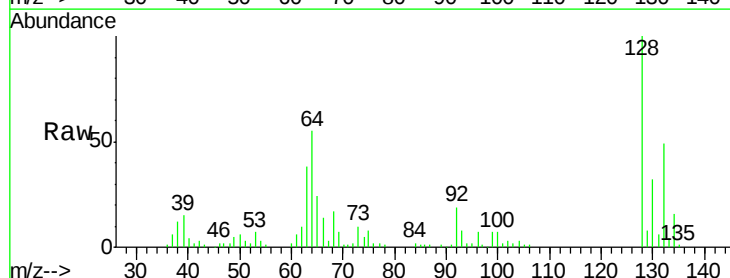
Tgt Ion: 128 Resp: 142954

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

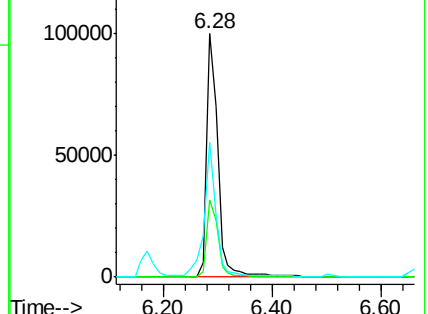
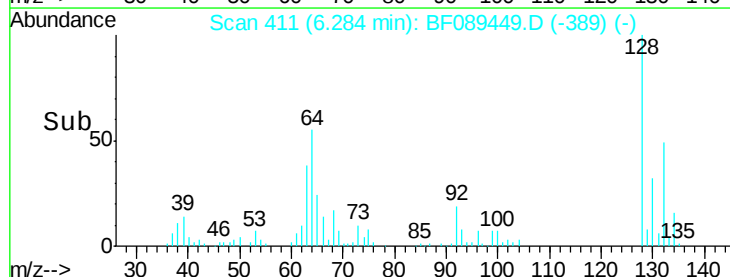
64 55.2 22.1 62.1

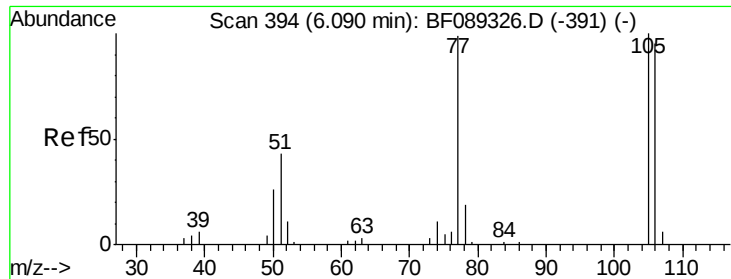


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

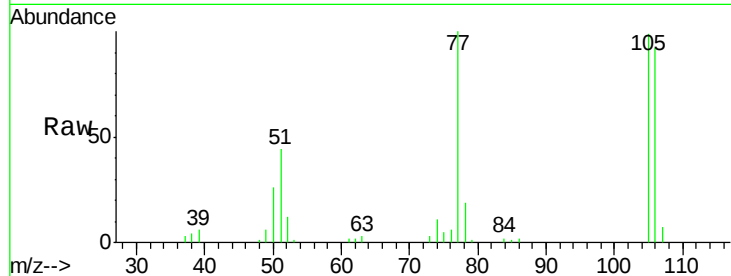




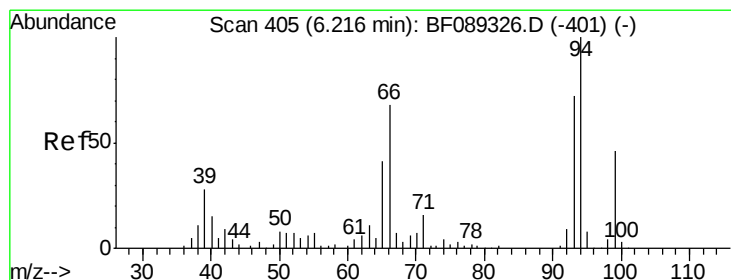
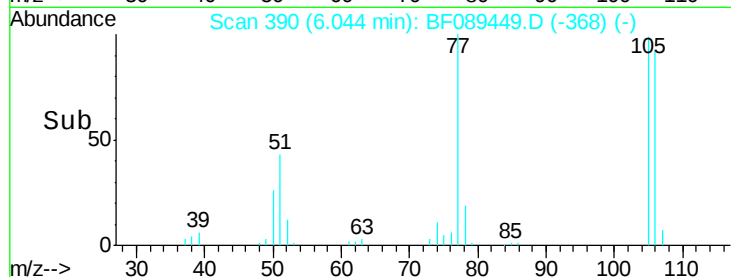
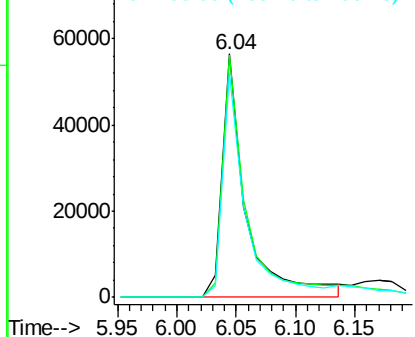
#9
Benzaldehyde
Concen: 37.69 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 78381
Ion Ratio Lower Upper
77 100
105 99.4 82.9 122.9
106 92.4 75.9 115.9

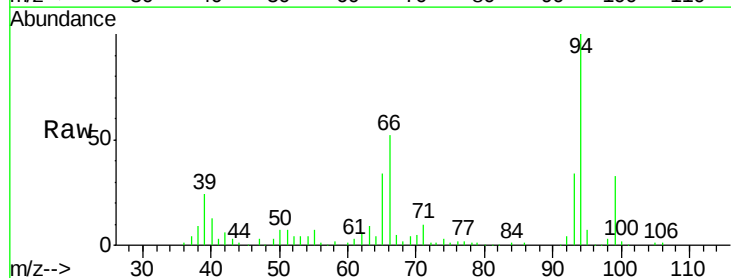


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

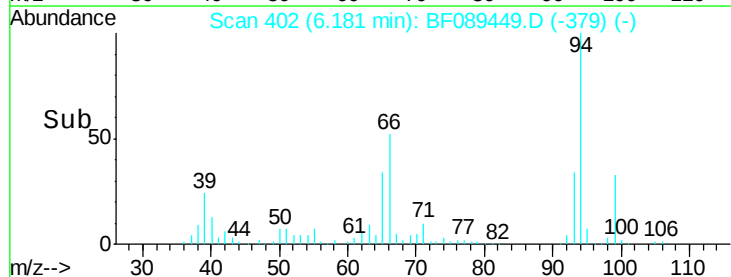
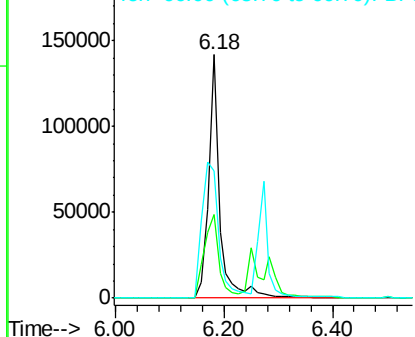


#10
Phenol
Concen: 43.12 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 94 Resp: 202681
Ion Ratio Lower Upper
94 100
65 34.3 19.1 59.1
66 52.0 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

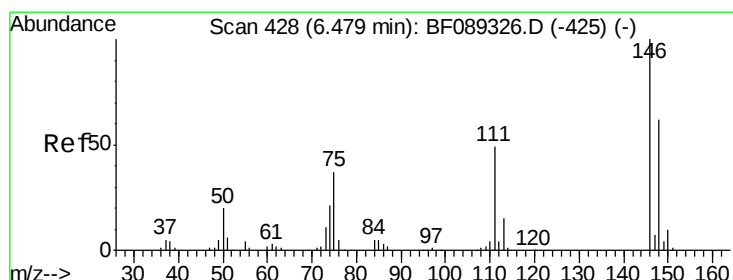
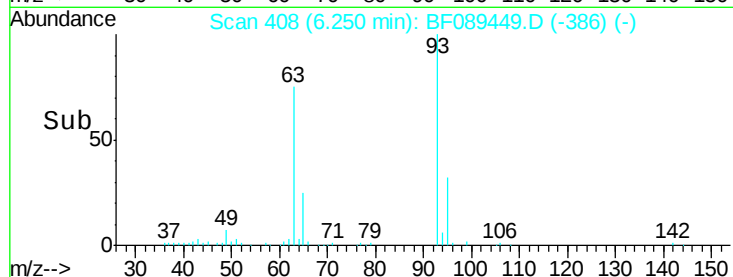
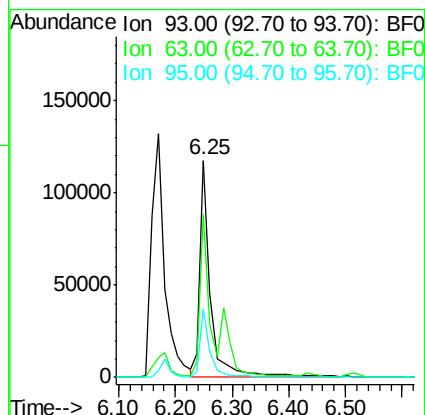
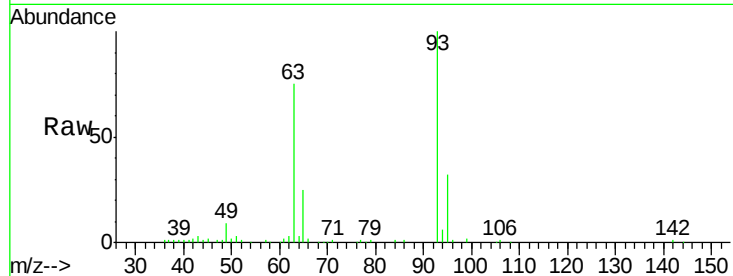




#11
bis(2-Chloroethyl)ether
Concen: 36.99 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

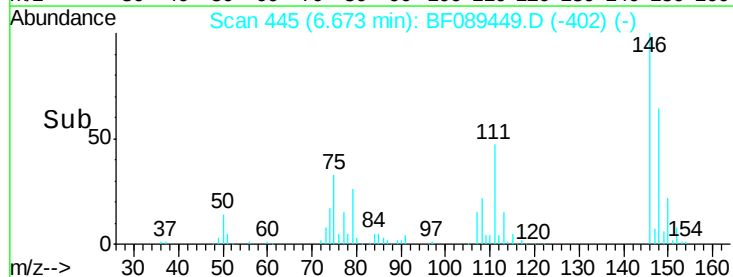
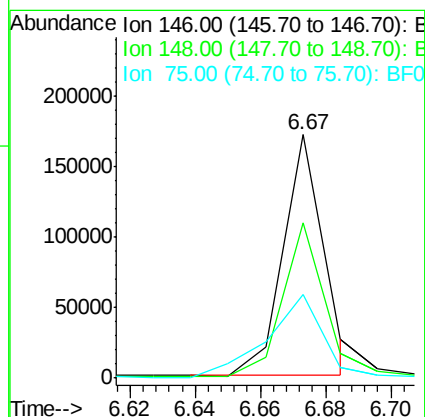
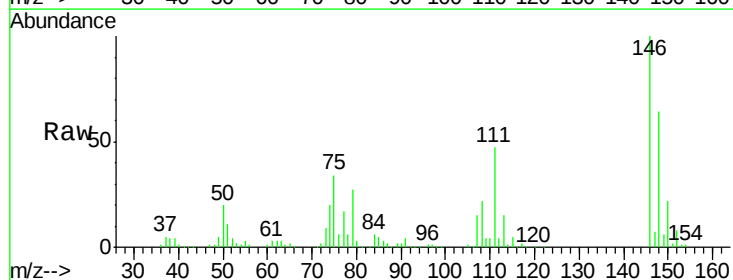
Instrument :
BNA_F
ClientSampleId :

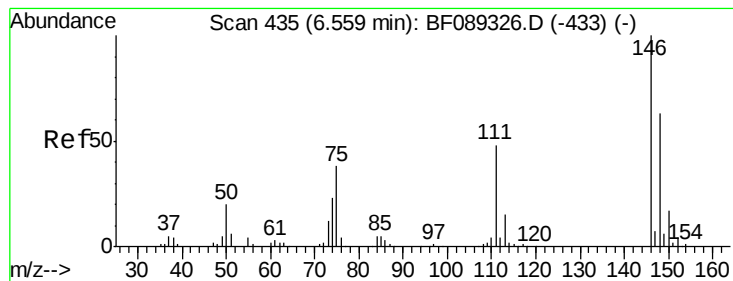
Tot Ion: 93 Resp: 147728
Ion Ratio Lower Upper
93 100
63 75.0 45.6 85.6
95 31.6 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.01 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.19 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 146 Resp: 148749
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 34.2 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 38.35 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampled :

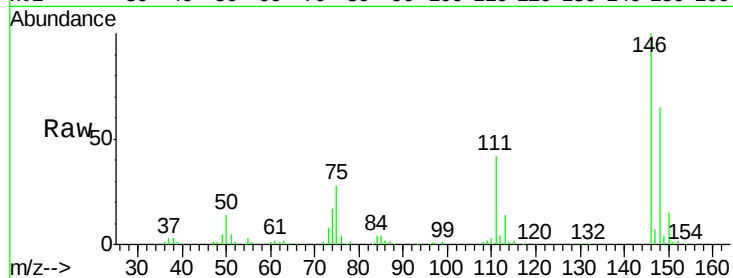
Tot Ion:146 Resp: 161368

Ion Ratio Lower Upper

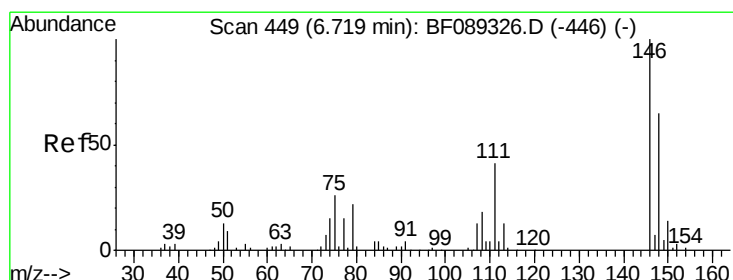
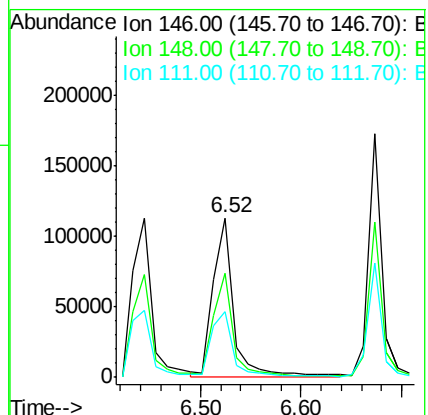
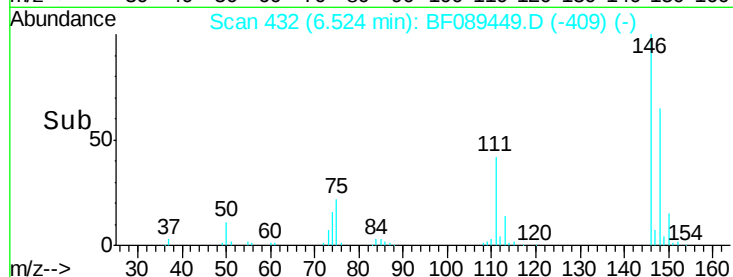
146 100

148 65.4 50.8 76.2

111 41.6 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.76 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

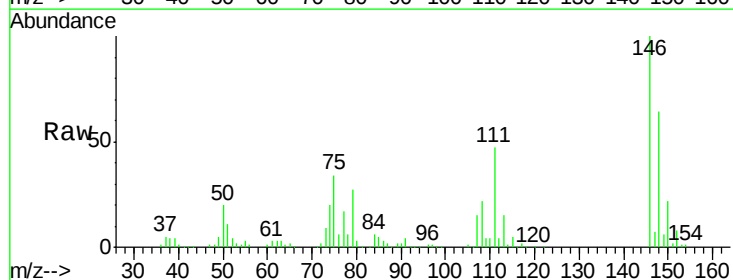
Tgt Ion:146 Resp: 164629

Ion Ratio Lower Upper

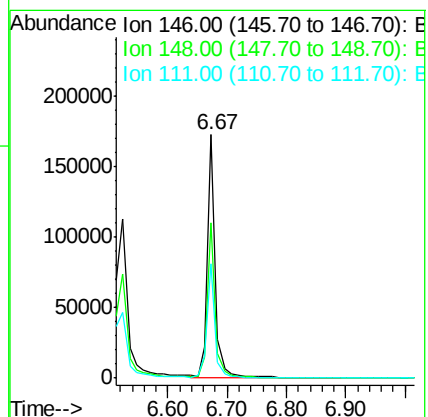
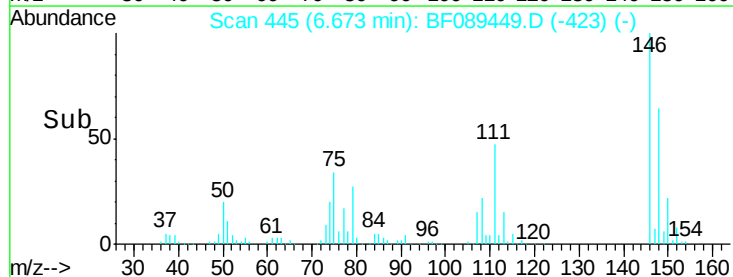
146 100

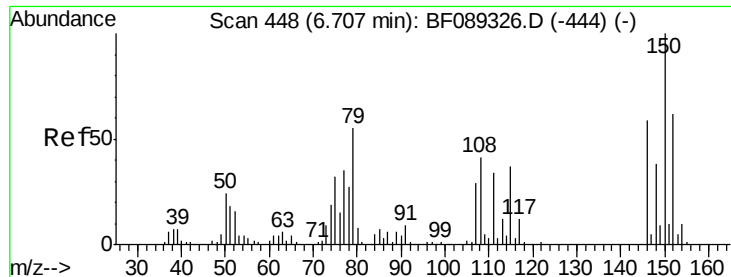
148 64.0 50.4 75.6

111 47.2 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

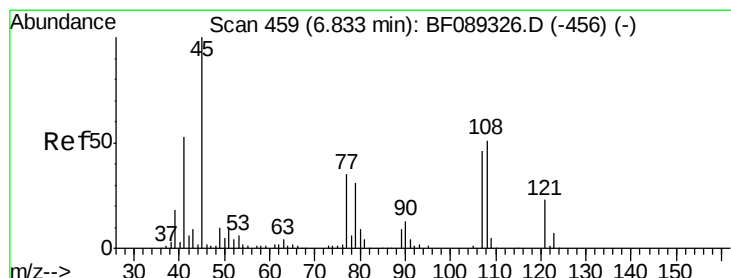
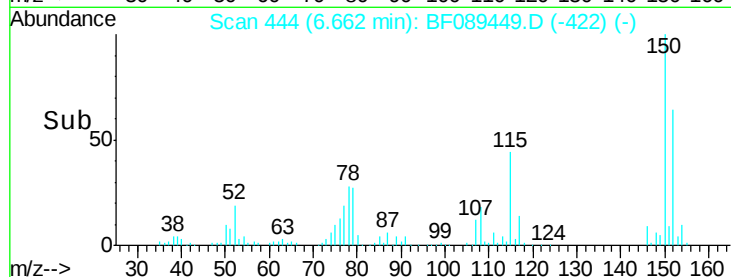
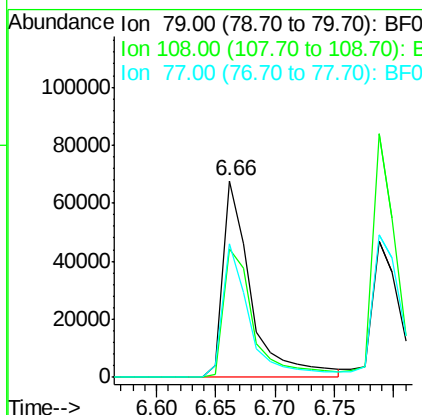
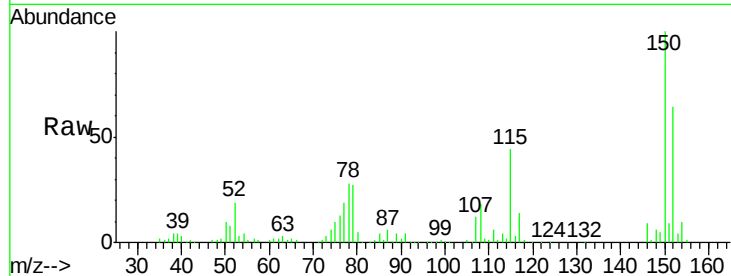




#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

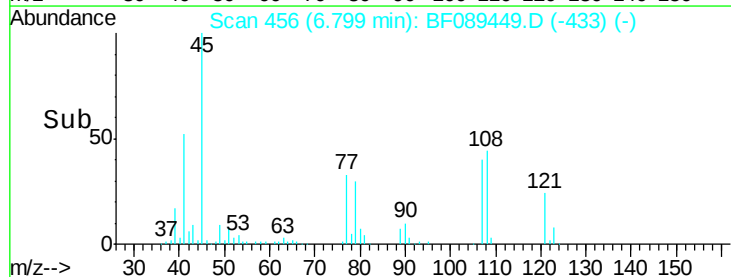
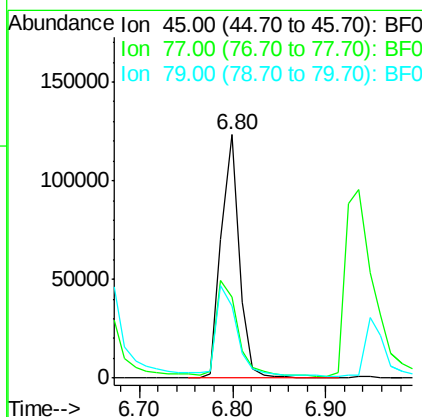
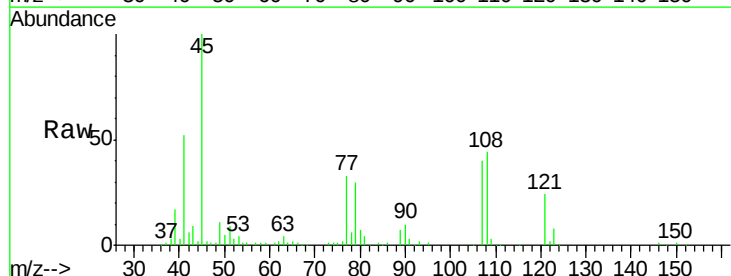
Instrument :
BNA_F
ClientSampleId :

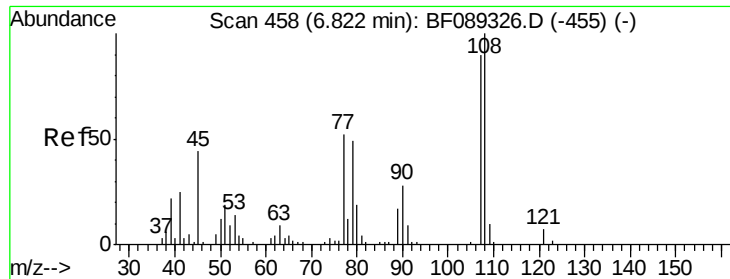
Tot Ion: 79 Resp: 111428
Ion Ratio Lower Upper
79 100
108 65.3 59.8 89.6
77 67.9 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.44 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 45 Resp: 167457
Ion Ratio Lower Upper
45 100
77 33.5 17.3 57.3
79 29.5 13.9 53.9





#17

2-Methylphenol

Concen: 37.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 104250

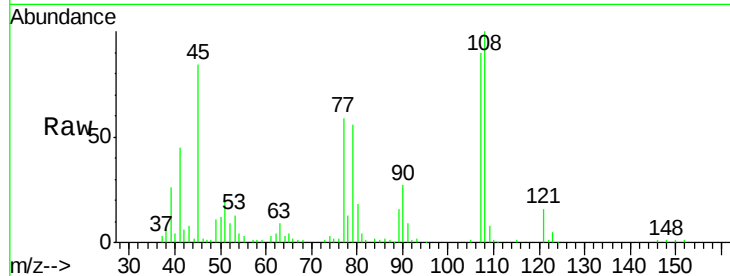
Ion Ratio Lower Upper

107 100

108 111.1 91.4 137.0

77 65.1 48.6 73.0

79 62.0 48.2 72.4

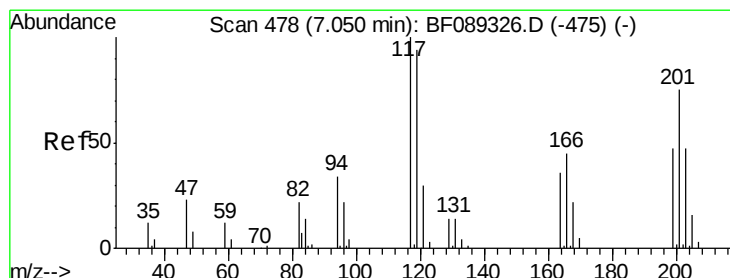
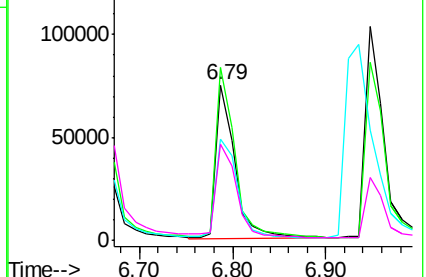
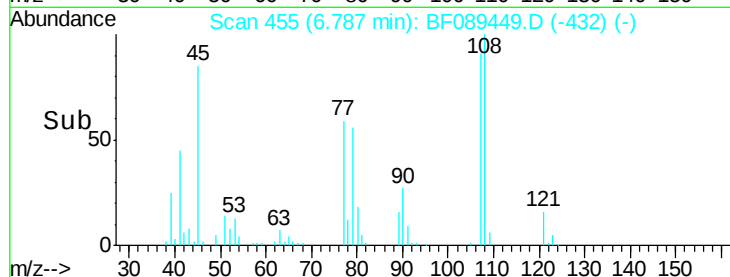


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.62 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

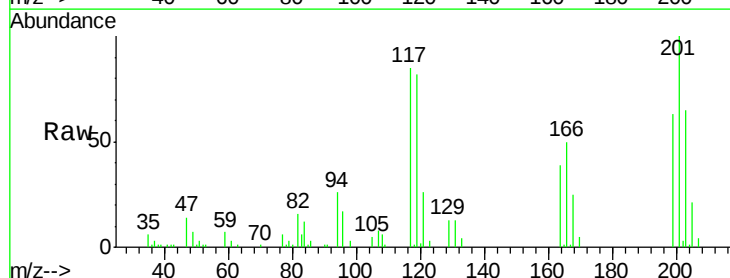
Tgt Ion:117 Resp: 62307

Ion Ratio Lower Upper

117 100

119 96.1 76.0 114.0

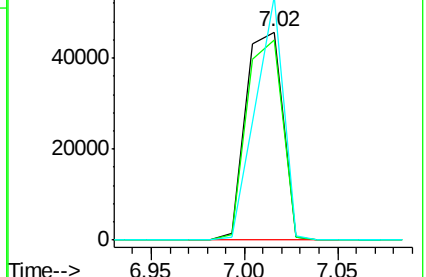
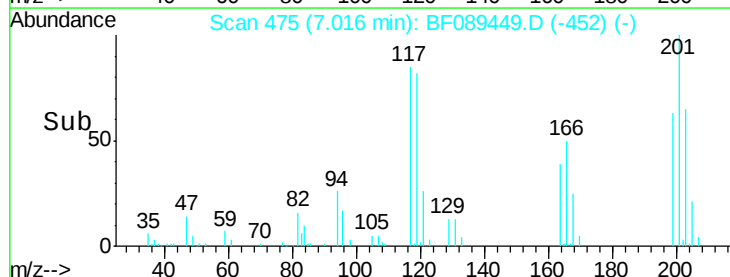
201 117.0 60.0 90.0#

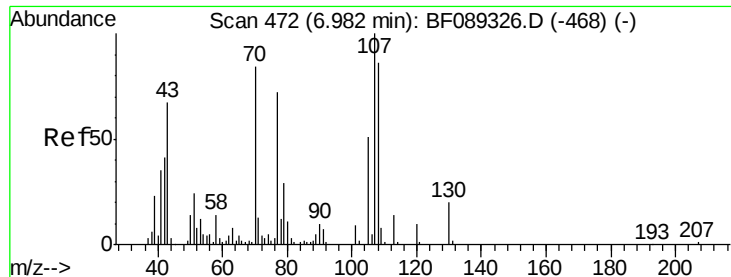


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

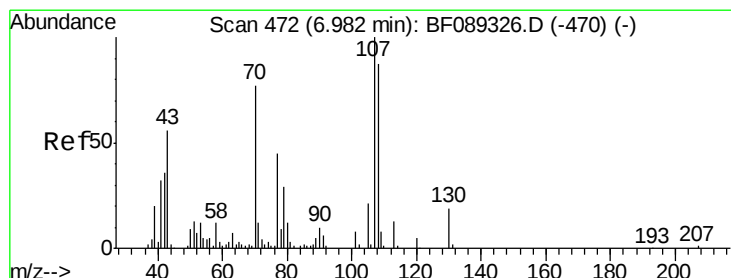
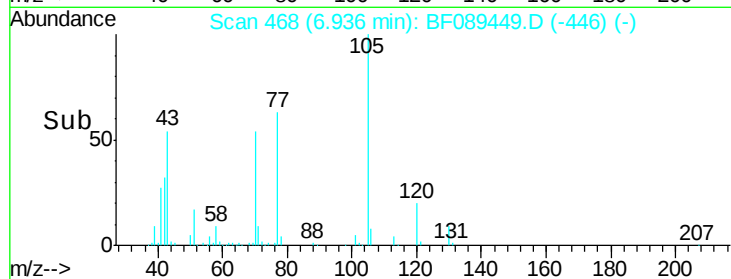
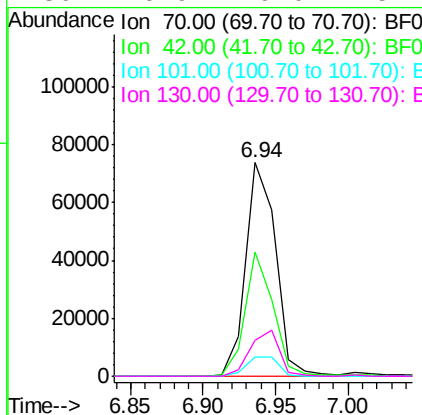
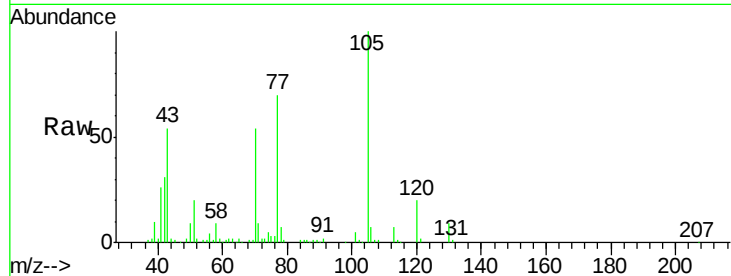




#19
n-Nitroso-di-n-propylamine
Concen: 41.35 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

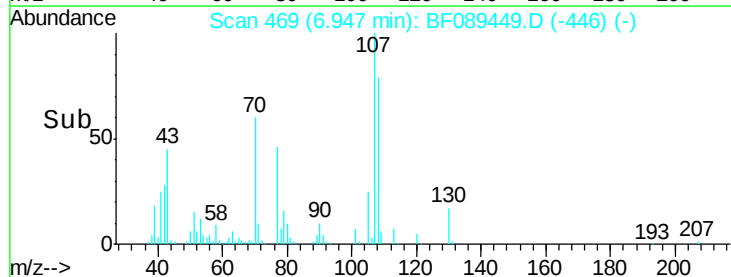
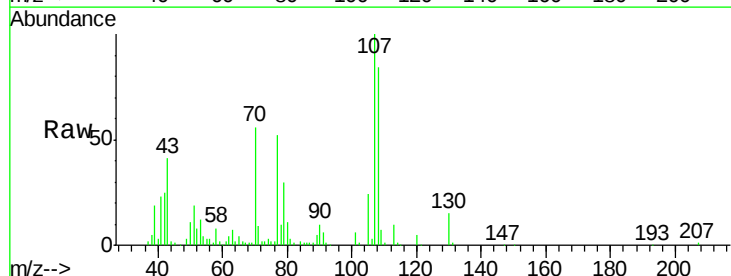
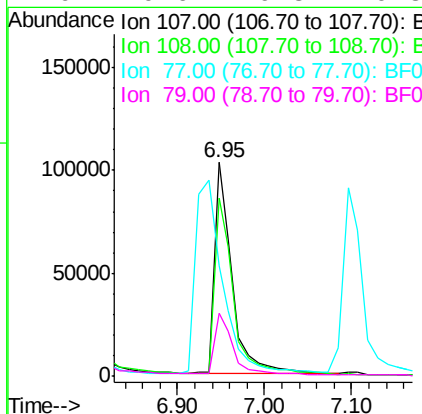
Instrument :
BNA_F
ClientSampled :

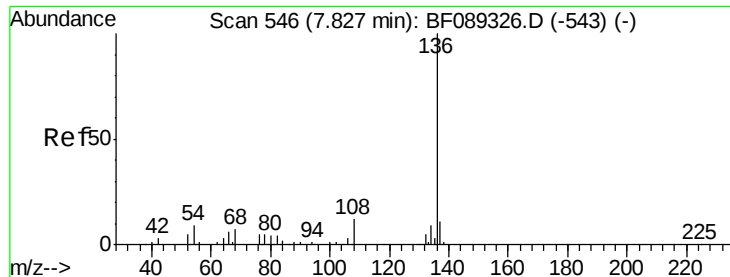
Tot Ion: 70 Resp: 106211
Ion Ratio Lower Upper
70 100
42 58.0 38.6 57.8#
101 8.8 8.3 12.5
130 16.9 19.0 28.4#



#20
3+4-Methylphenols
Concen: 40.64 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 107 Resp: 147068
Ion Ratio Lower Upper
107 100
108 83.6 63.3 103.3
77 51.7 51.1 91.1
79 29.6 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

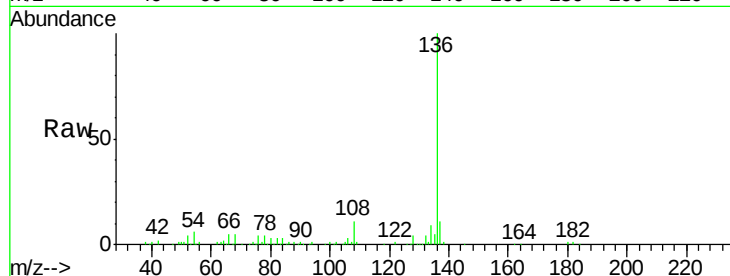
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 211534

Ion Ratio Lower Upper

136	100		
137	10.7	8.6	13.0
54	6.5	7.0	10.4#
68	5.3	4.9	7.3

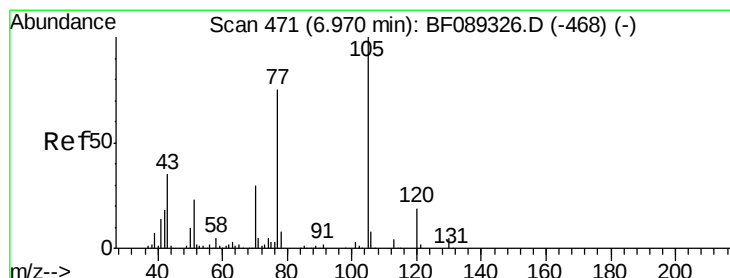
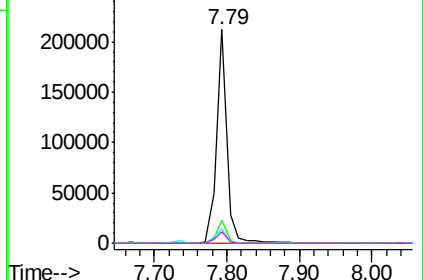
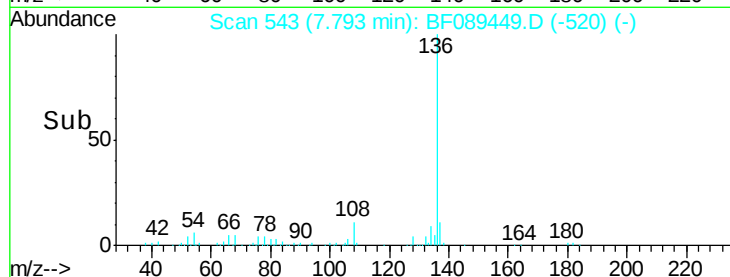


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.45 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

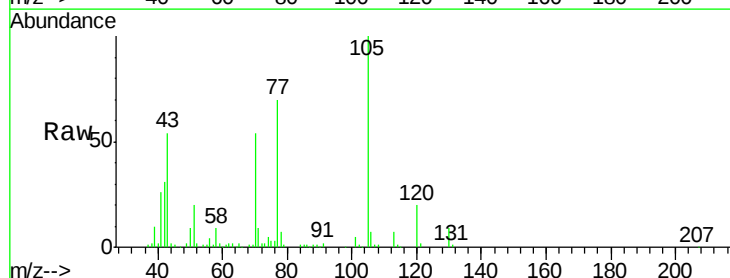
Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:105 Resp: 218838

Ion Ratio Lower Upper

105	100		
71	9.1	4.2	6.2#
51	20.4	18.7	28.1
120	19.9	15.8	23.6

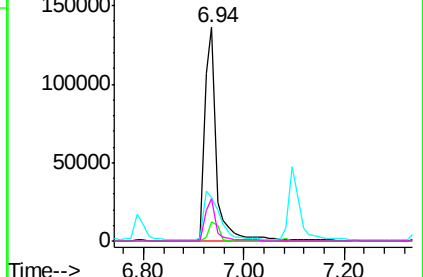
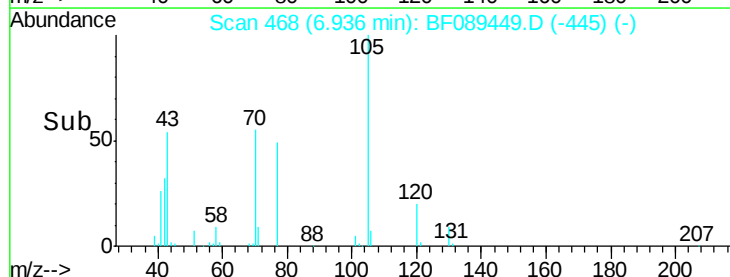


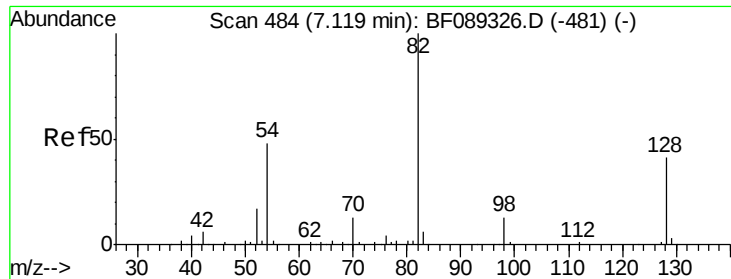
Abundance Ion 105.00 (104.70 to 105.70): E

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

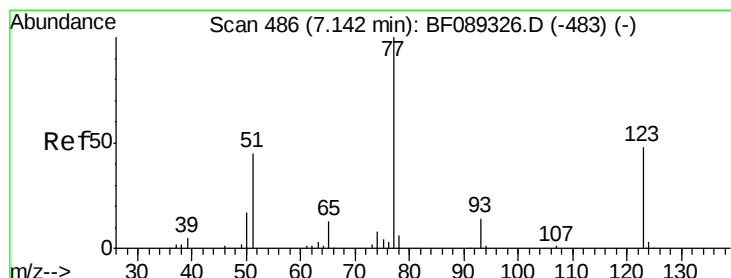
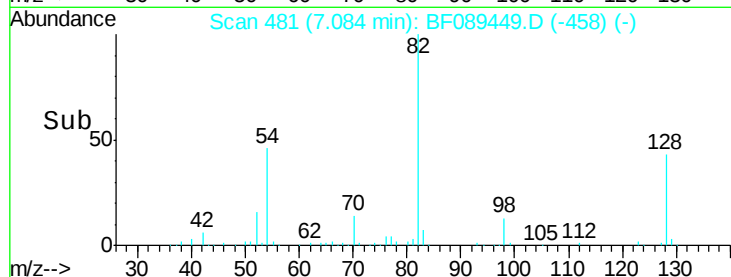
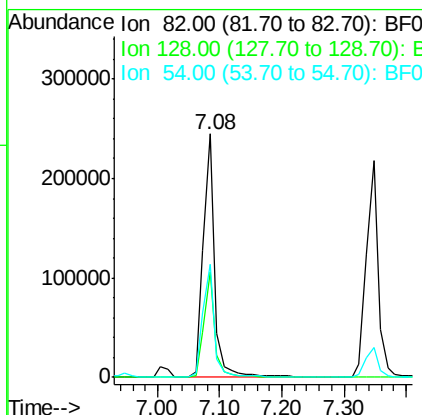
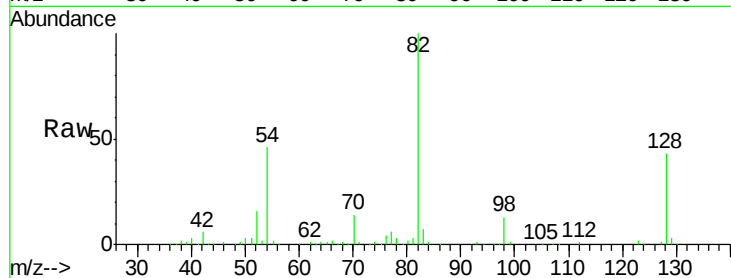




#23
 Nitrobenzene-d5
 Concen: 88.92 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

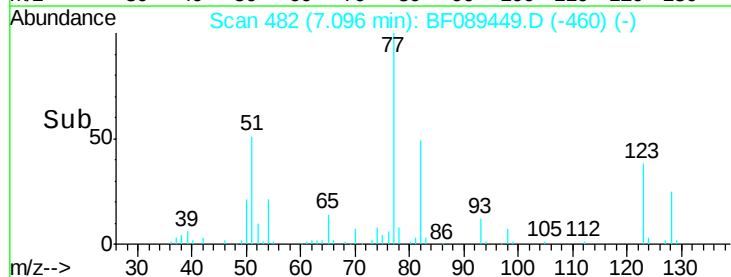
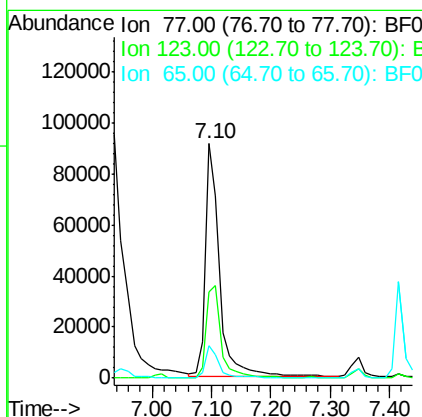
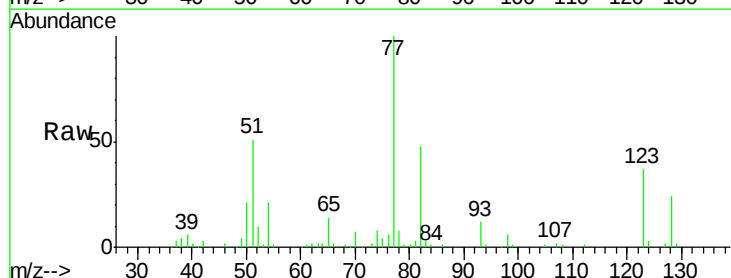
Instrument :
 BNA_F
 ClientSampleId :

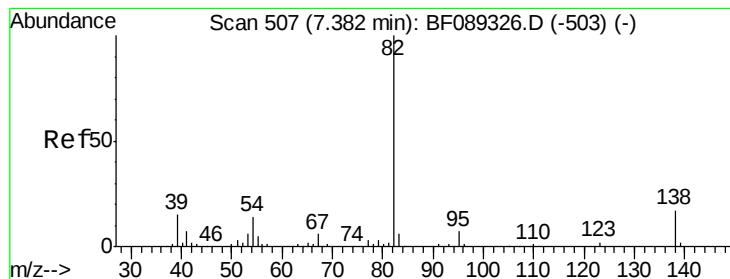
Tot Ion: 82 Resp: 318669
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.5 48.7
 54 46.3 38.8 58.2



#24
 Nitrobenzene
 Concen: 36.96 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion: 77 Resp: 150736
 Ion Ratio Lower Upper
 77 100
 123 36.8 37.2 55.8#
 65 13.7 10.2 15.4





#25

Isophorone

Concen: 39.27 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

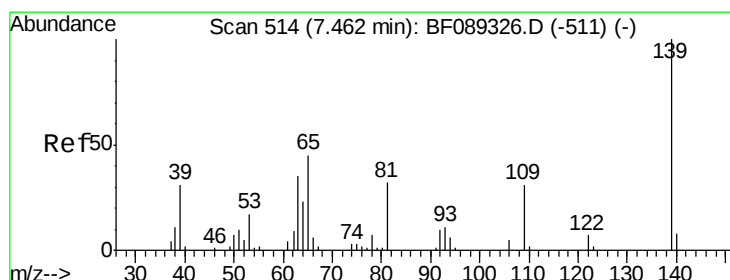
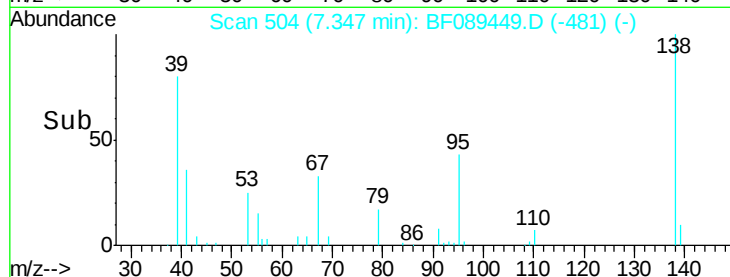
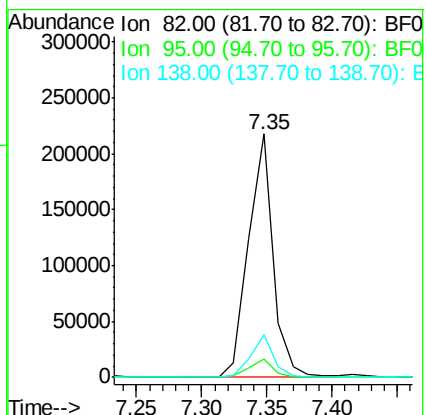
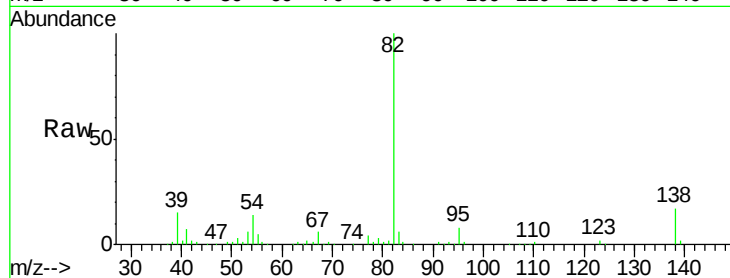
Tot Ion: 82 Resp: 283461

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 17.5 13.3 19.9



#26

2-Nitrophenol

Concen: 42.39 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

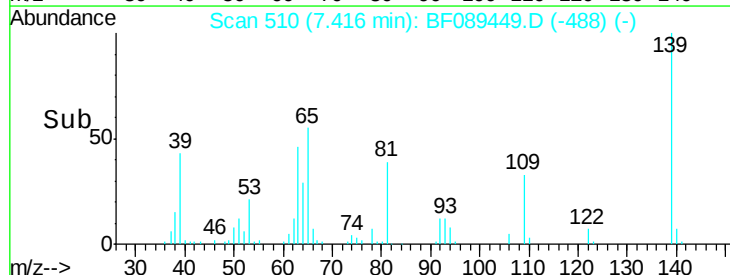
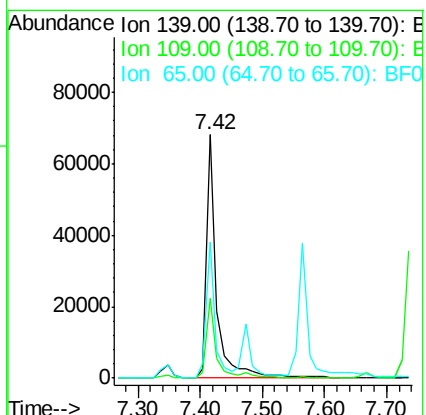
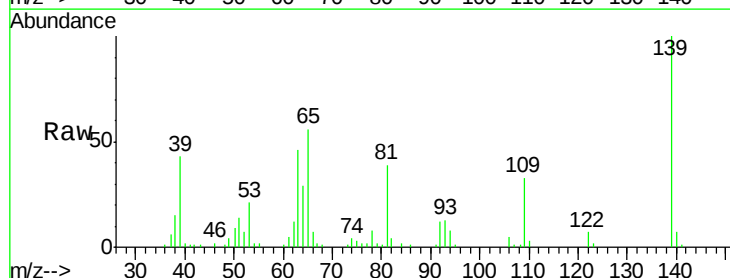
Tgt Ion: 139 Resp: 77305

Ion Ratio Lower Upper

139 100

109 32.9 25.8 38.8

65 55.8 35.2 52.8#

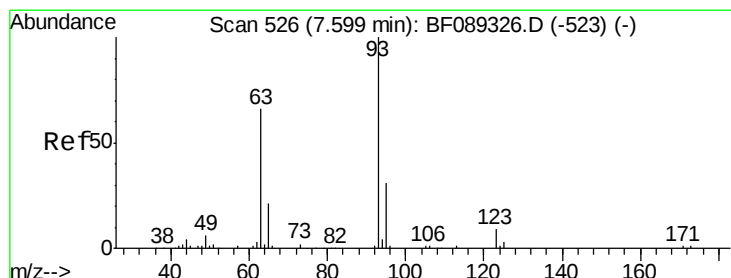
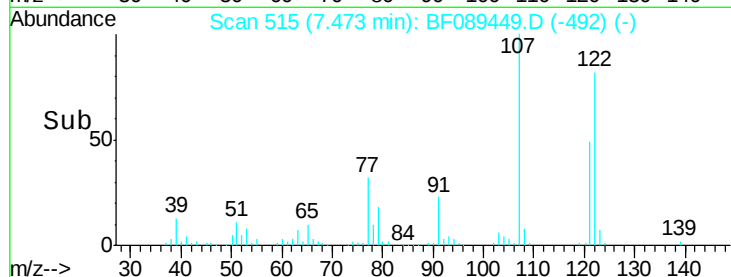
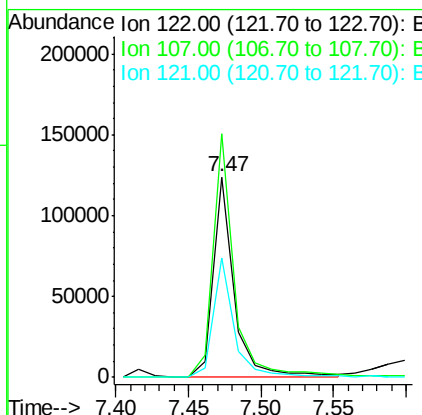
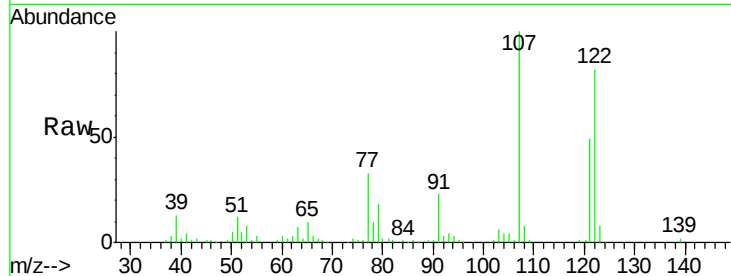




#27
 2,4-Dimethylphenol
 Concen: 43.33 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

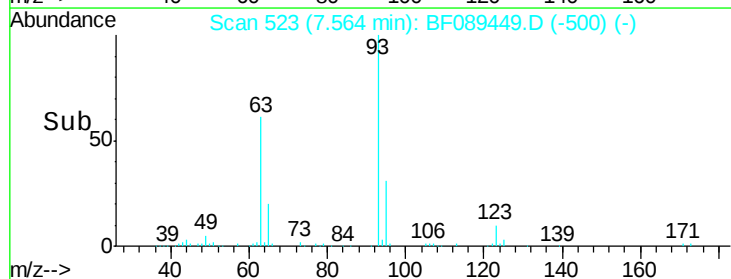
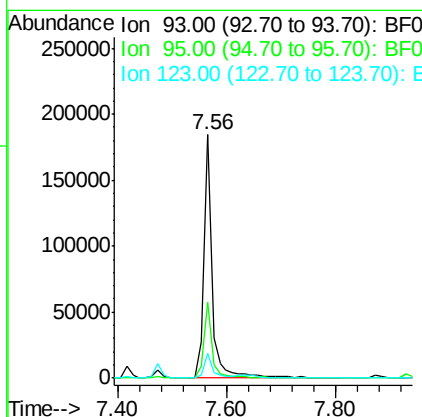
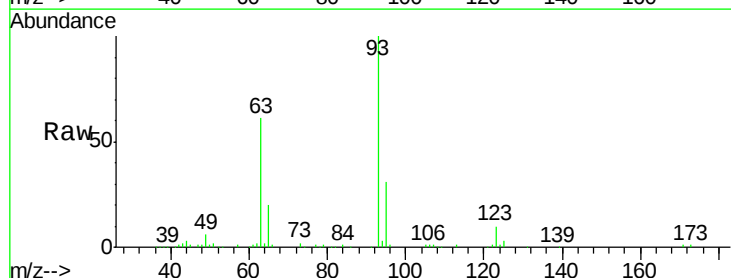
Instrument :
 BNA_F
 ClientSampled :

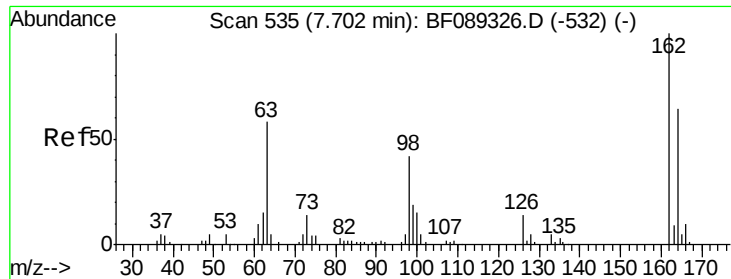
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	97.2	145.8
121	59.9	48.8	73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.99 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.7	37.1
123	10.1	7.5	11.3

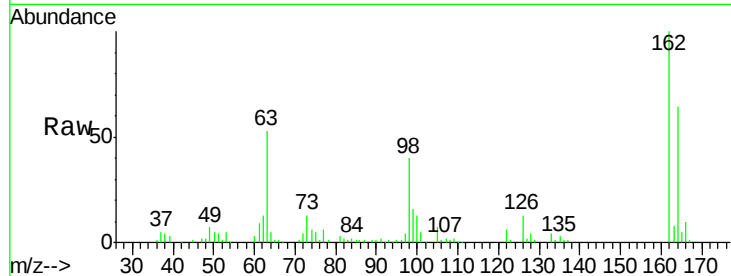




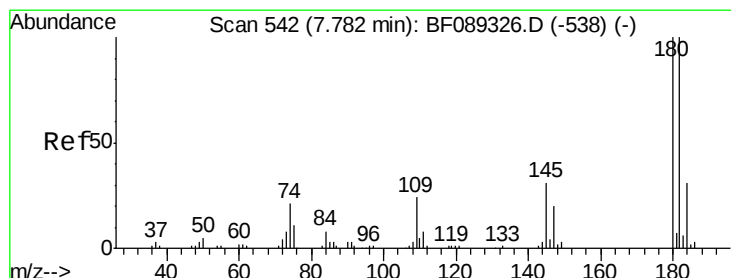
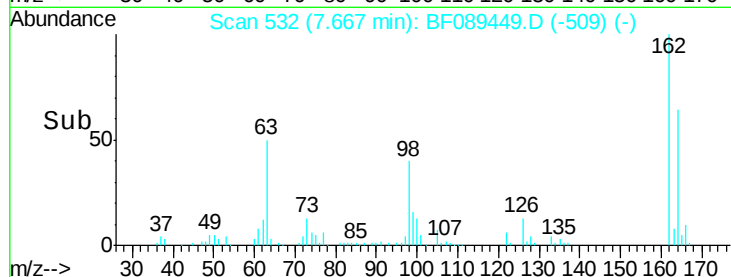
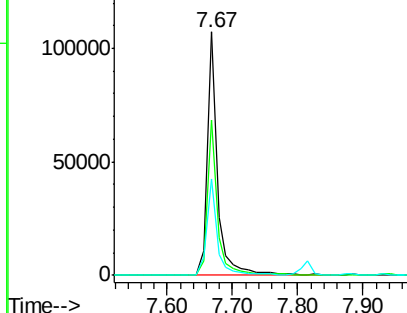
#29
 2,4-Dichlorophenol
 Concen: 44.10 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.0	84.0
98	39.6	21.8	61.8

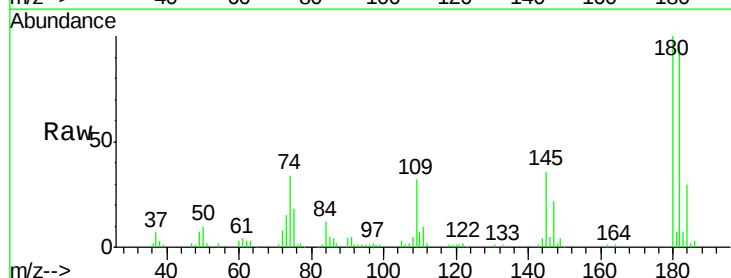


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

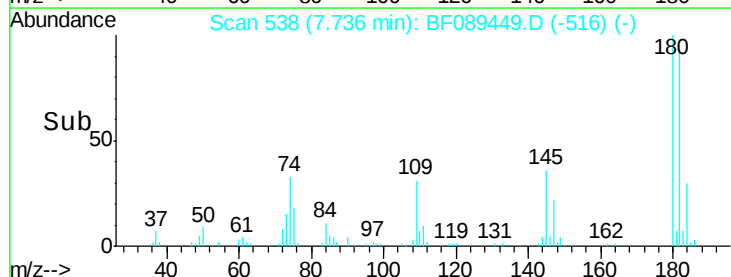
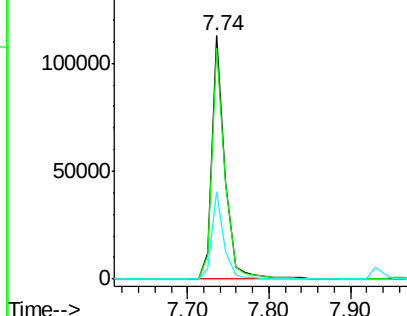


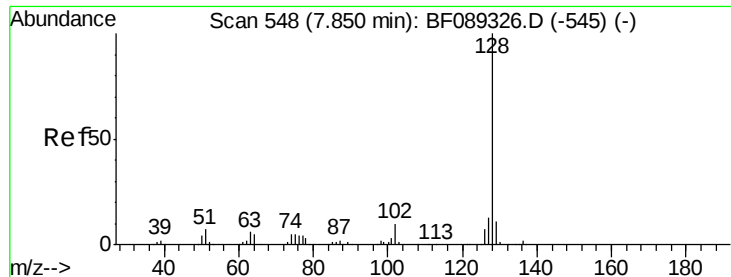
#30
 1,2,4-Trichlorobenzene
 Concen: 42.05 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.2	117.2
145	35.8	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

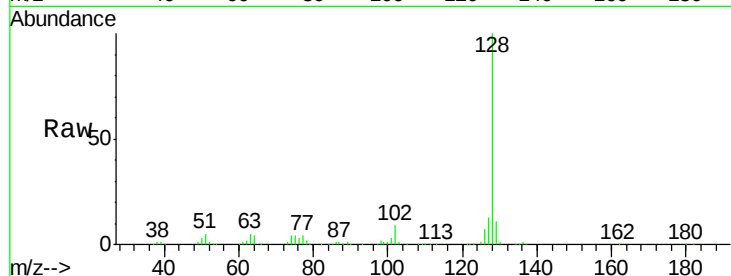




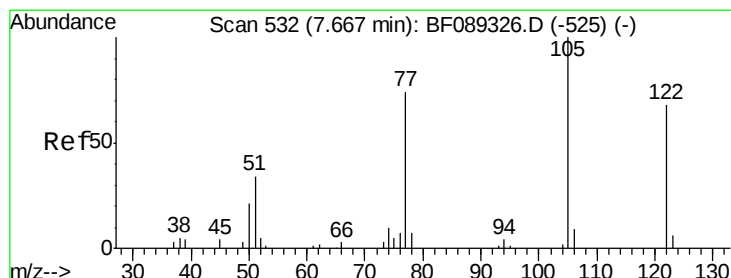
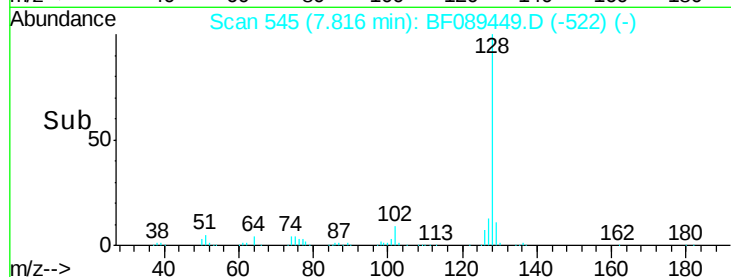
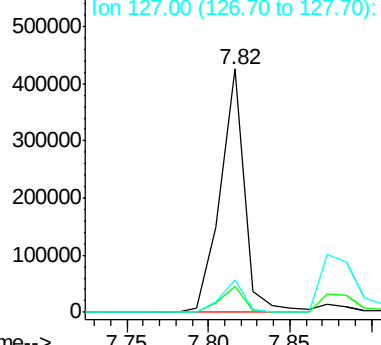
#31
Naphthalene
Concen: 42.26 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 442691
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.8 16.2

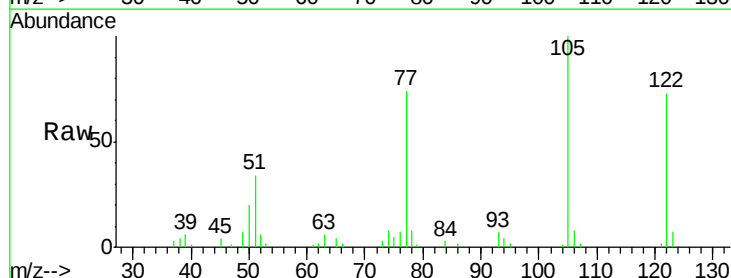


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

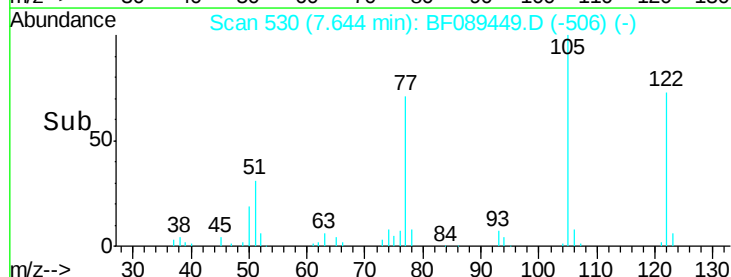
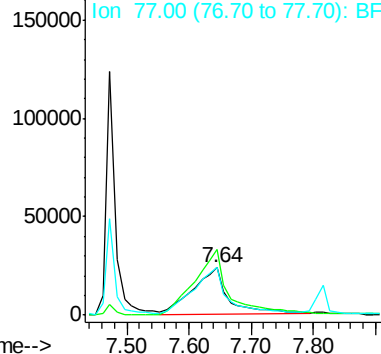


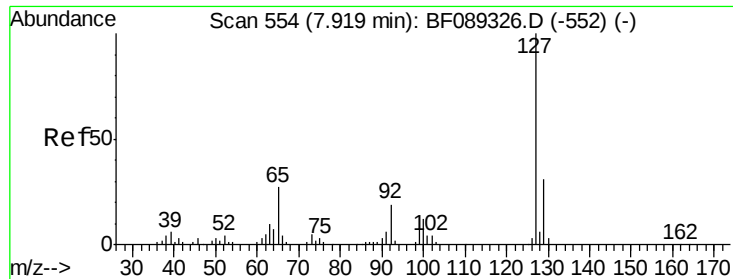
#32
Benzoic acid
Concen: 45.42 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:122 Resp: 91952
Ion Ratio Lower Upper
122 100
105 137.0 106.4 146.4
77 100.8 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

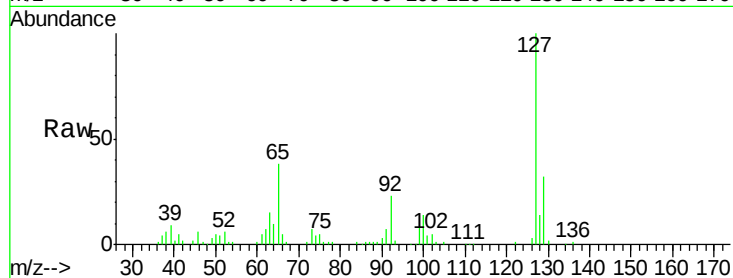




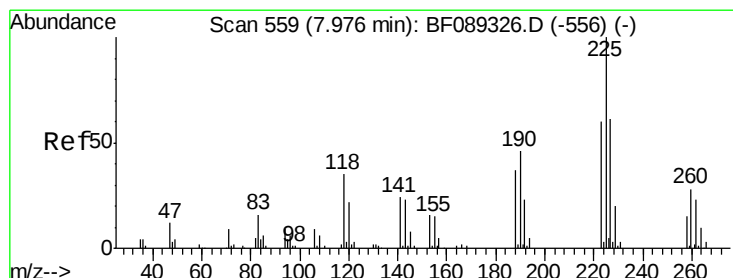
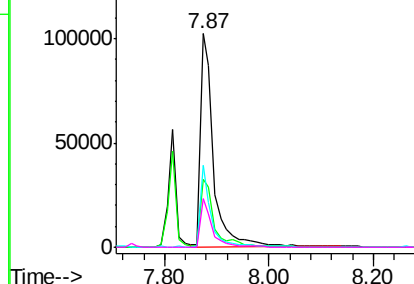
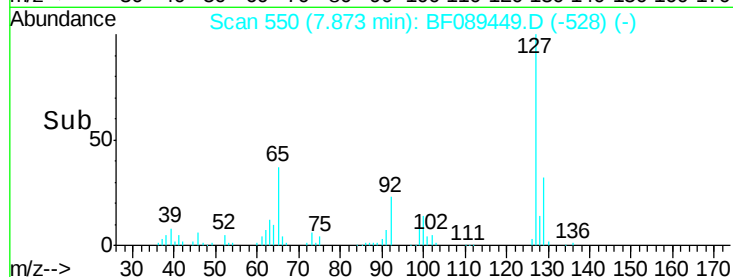
#33
4-Chloroaniline
Concen: 44.98 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 179361
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 38.3 22.0 33.0#
92 22.7 15.2 22.8

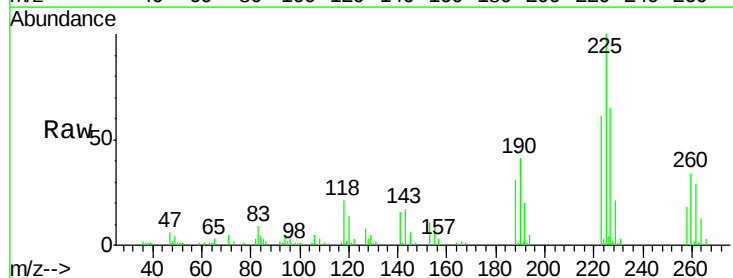


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

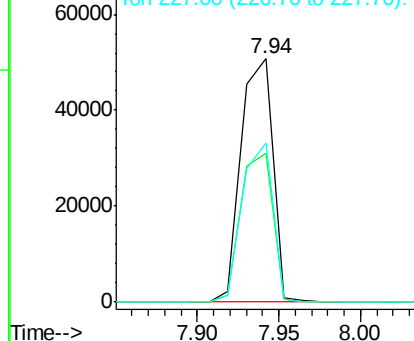
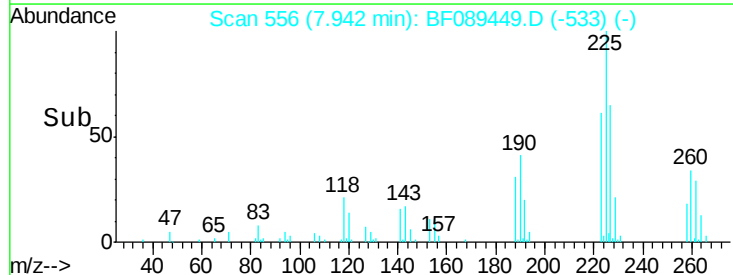


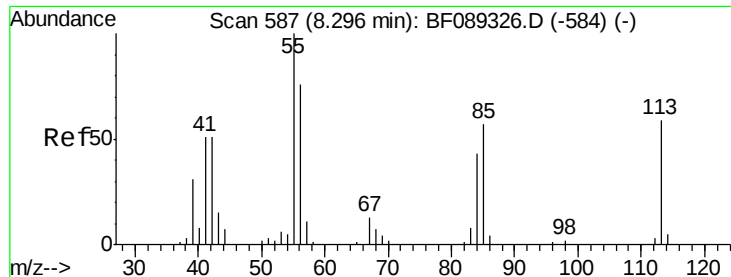
#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:225 Resp: 68354
Ion Ratio Lower Upper
225 100
223 61.1 49.8 74.8
227 65.4 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: 42.07 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

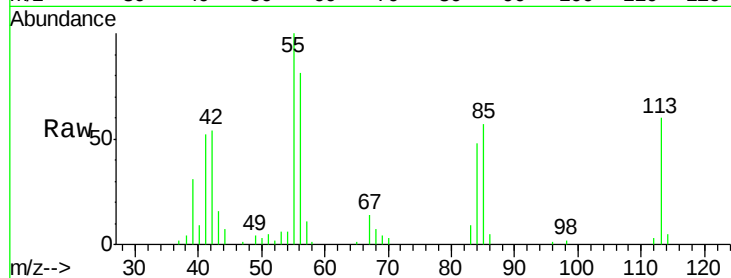
Tot Ion:113 Resp: 33614

Ion Ratio Lower Upper

113 100

55 167.5 142.3 182.3

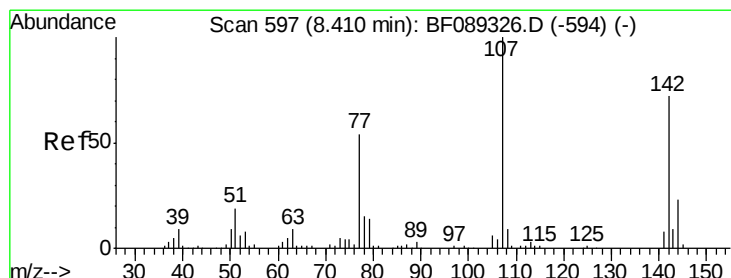
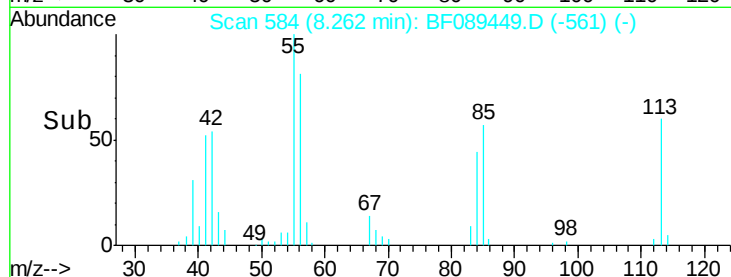
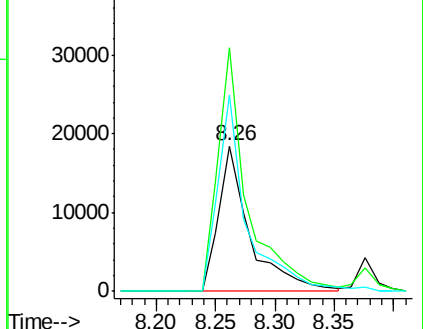
56 135.1 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

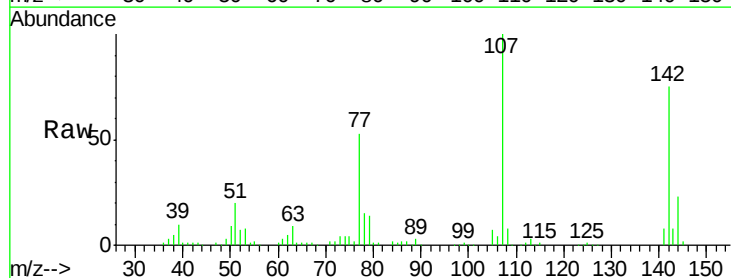
Tgt Ion:107 Resp: 138609

Ion Ratio Lower Upper

107 100

144 23.5 18.4 27.6

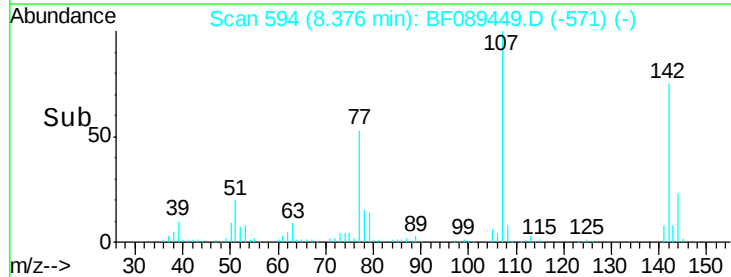
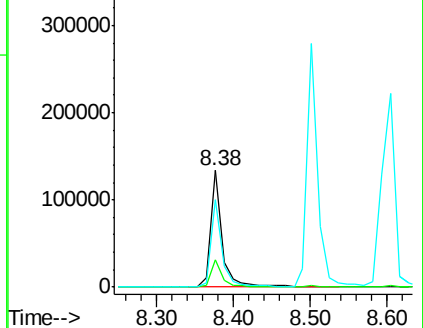
142 75.3 58.6 87.8

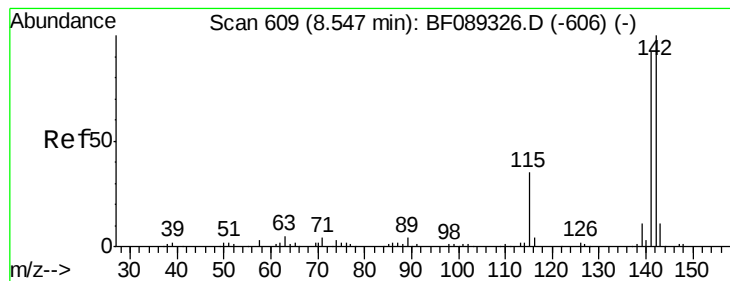


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

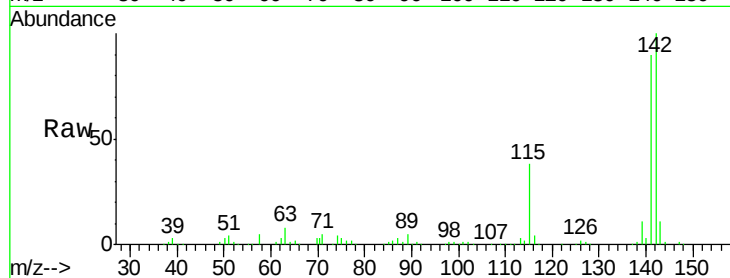




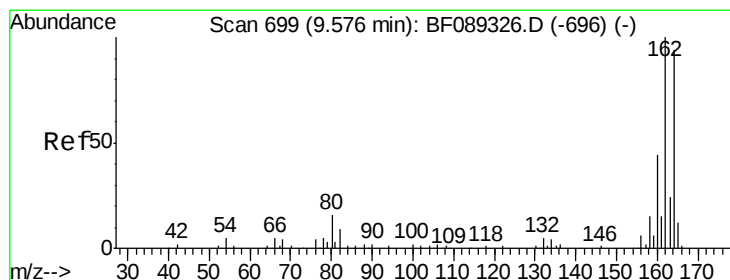
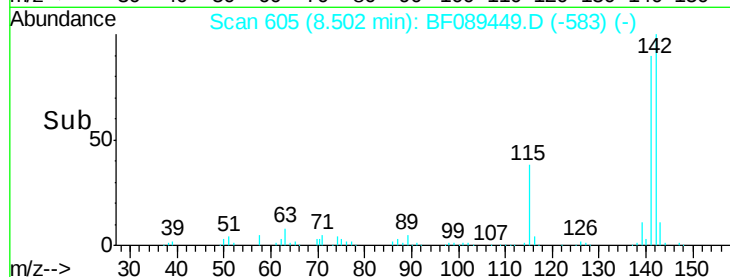
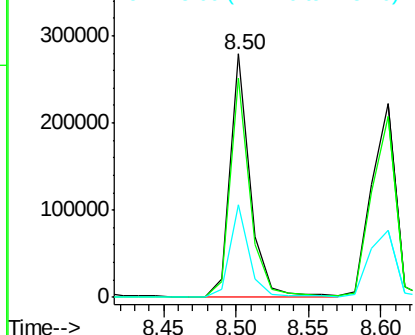
#37
 2-Methylnaphthalene
 Concen: 42.57 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 268700
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.9 106.3
 115 38.2 27.6 41.4

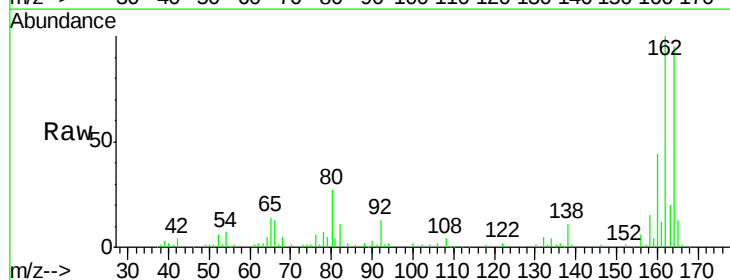


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

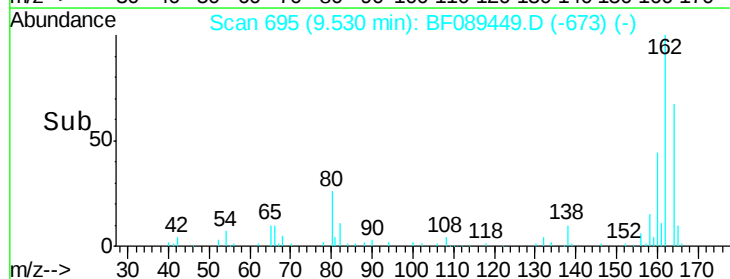
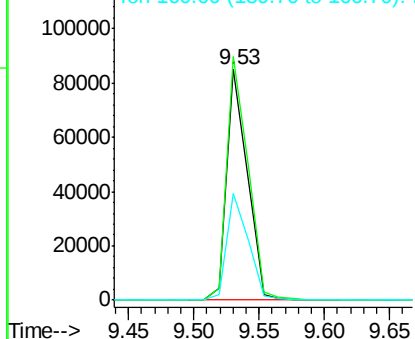


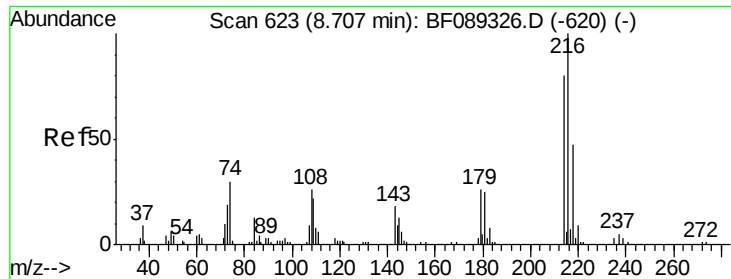
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:164 Resp: 93508
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.7 125.5
 160 46.4 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

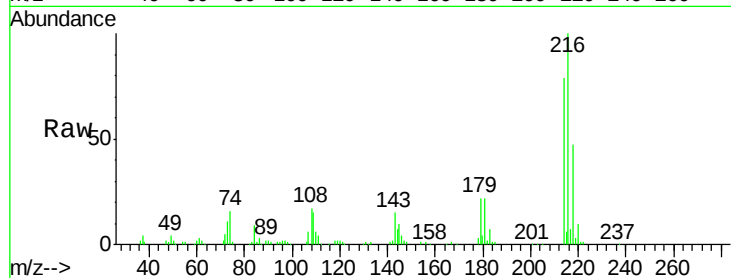




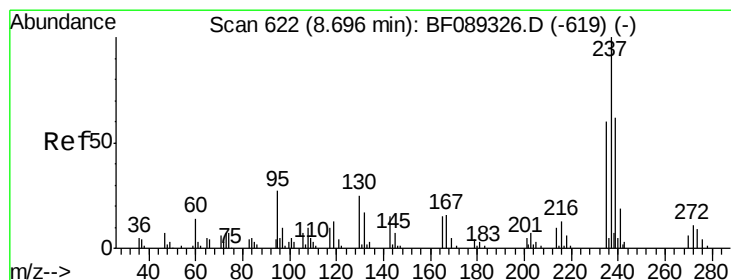
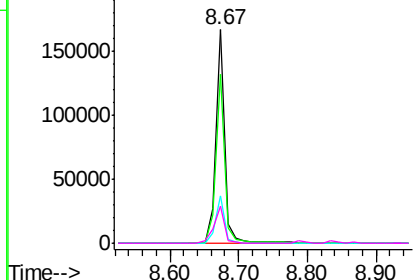
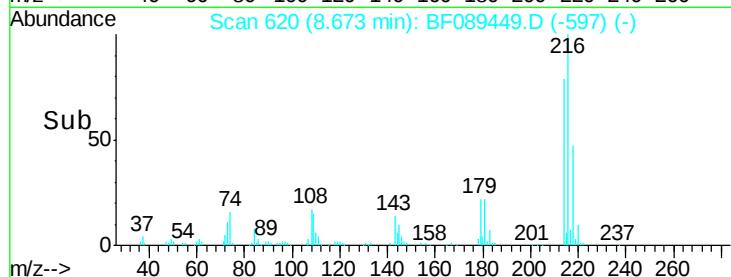
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.72 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.3	94.9
179	22.8	18.1	27.1
108	19.7	17.2	25.8

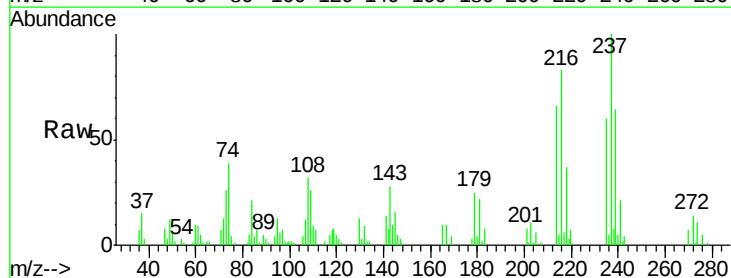


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

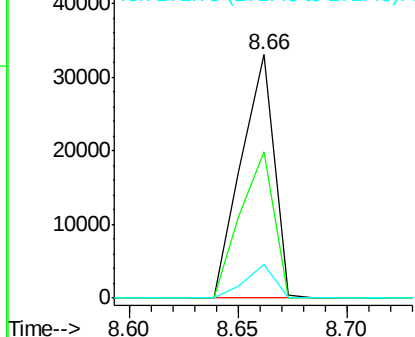
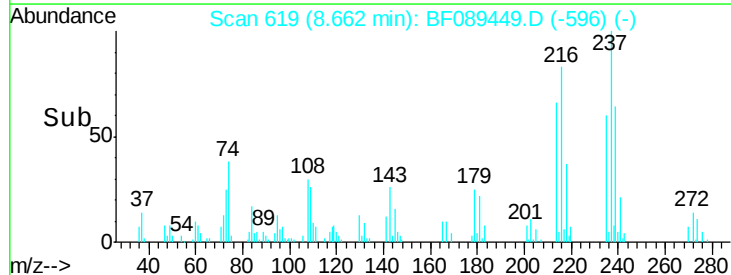


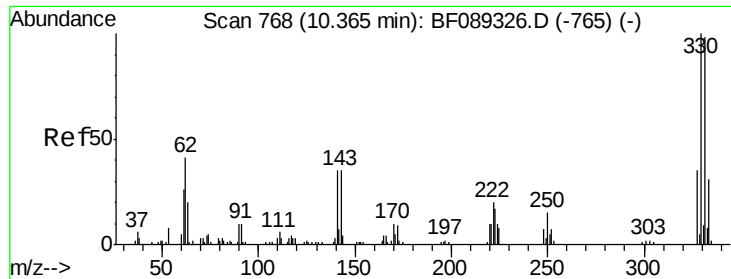
#40
 Hexachlorocyclopentadiene
 Concen: 41.96 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.3	41.6	81.6
272	13.6	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

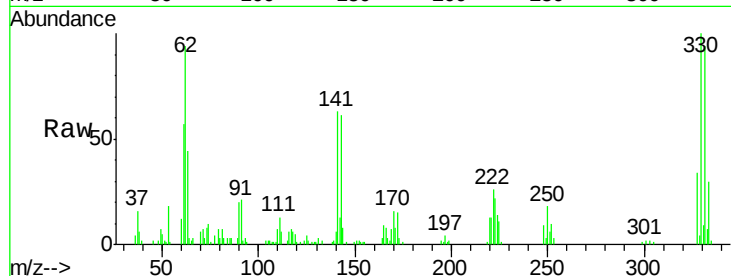




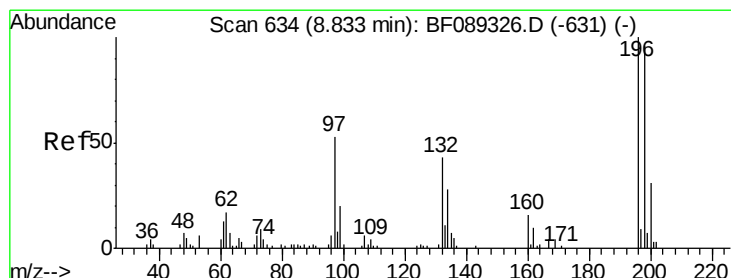
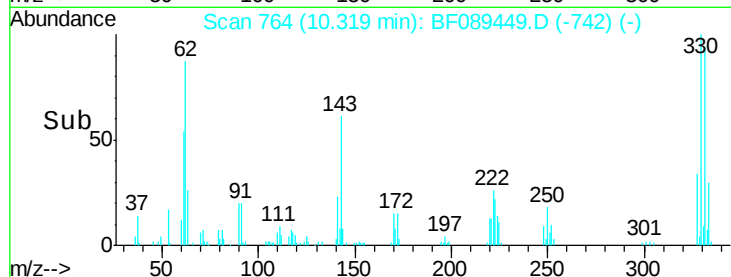
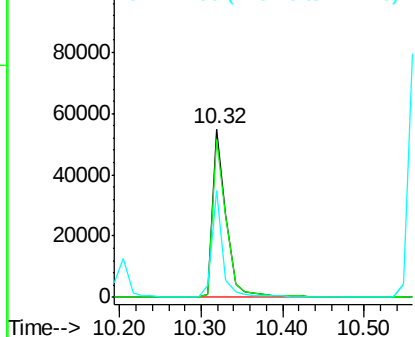
#41
 2,4,6-Tribromophenol
 Concen: 83.34 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 64546
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 52.4 37.3 55.9

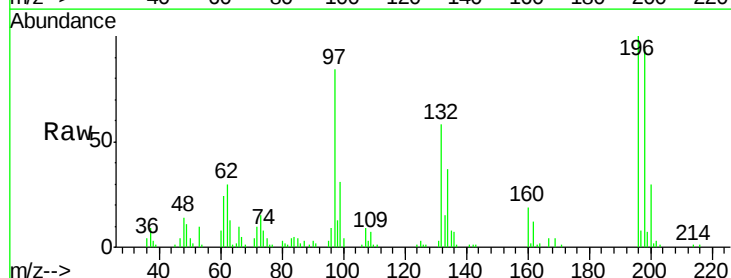


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

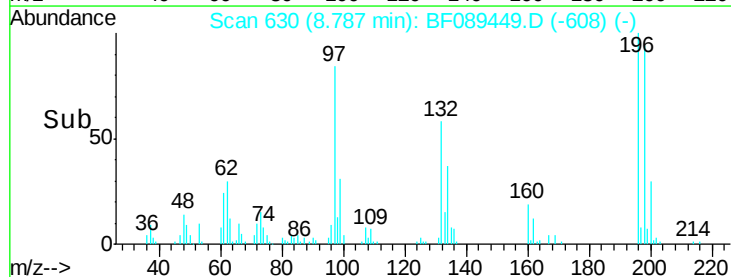
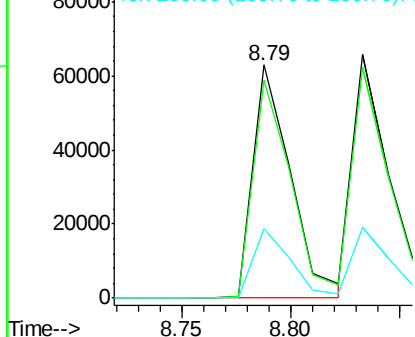


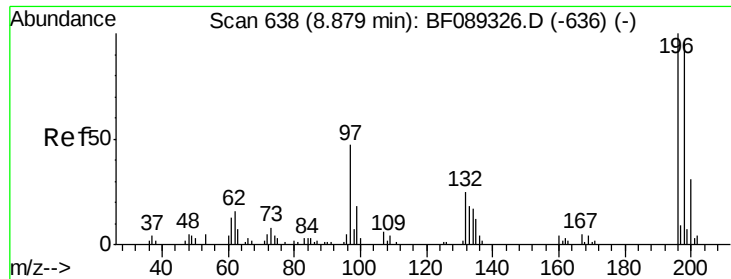
#42
 2,4,6-Trichlorophenol
 Concen: 48.65 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:196 Resp: 75687
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.5 113.3
 200 29.9 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

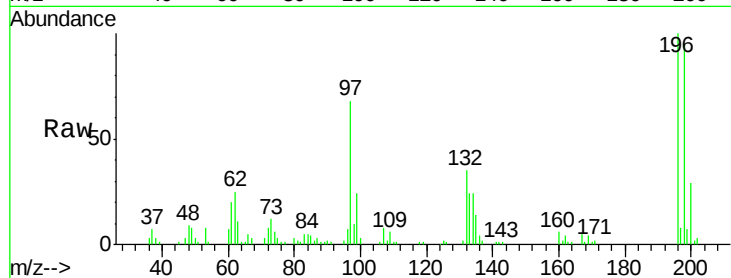




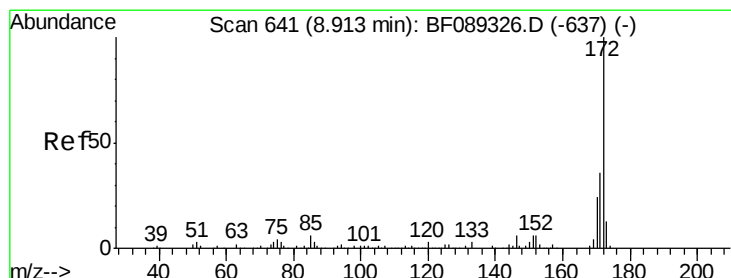
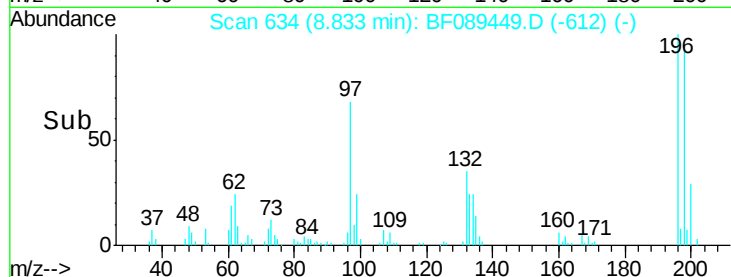
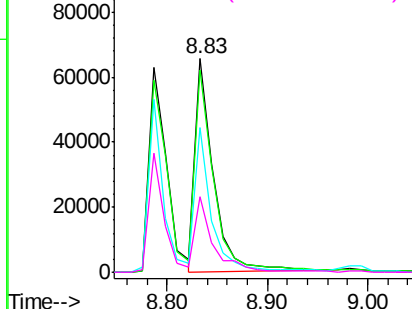
#43
 2,4,5-Trichlorophenol
 Concen: 42.09 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 82941
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.7 118.1
 97 68.0 39.7 59.5#
 132 35.2 22.8 34.2#

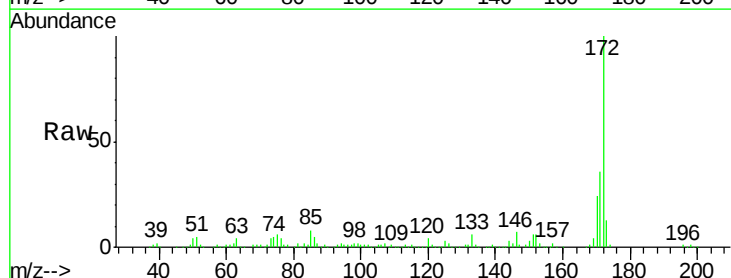


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

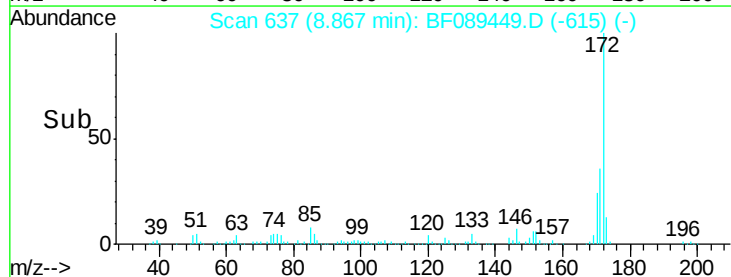
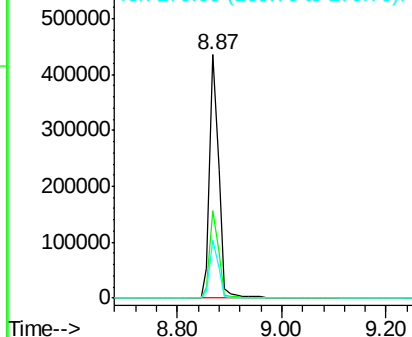


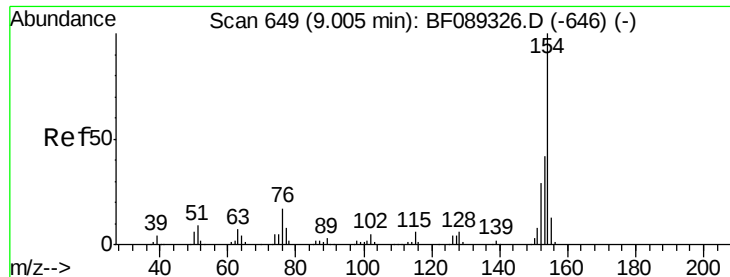
#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:172 Resp: 530110
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 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: 45.96 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampled :

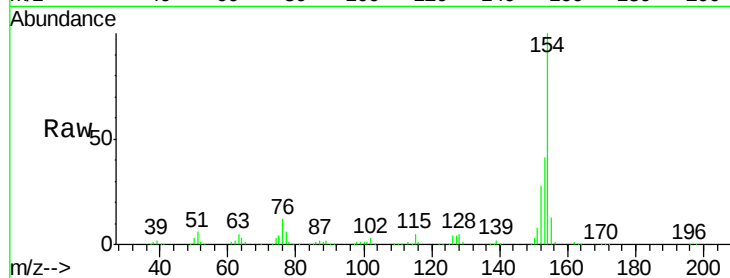
Tot Ion:154 Resp: 365915

Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

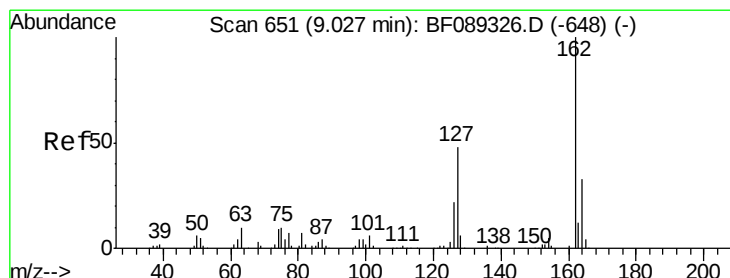
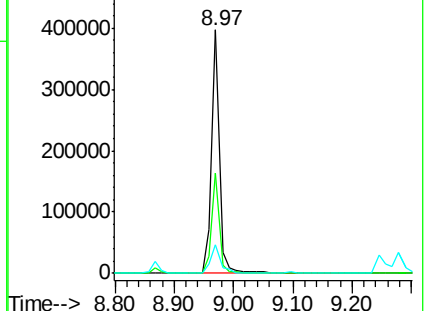
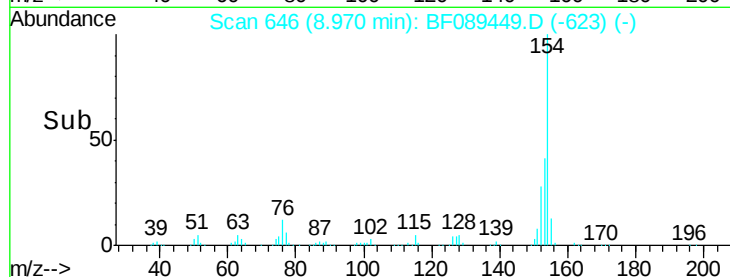
76 11.8 0.0 36.6



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: 45.56 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

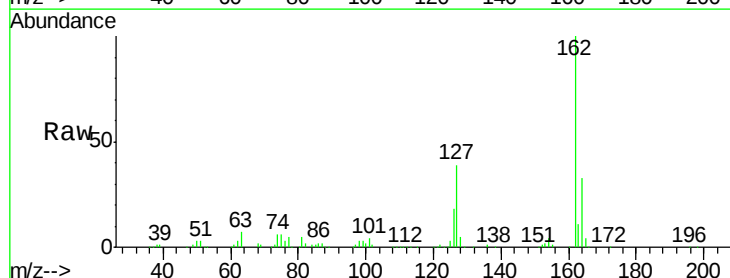
Tgt Ion:162 Resp: 272383

Ion Ratio Lower Upper

162 100

127 39.5 37.8 56.8

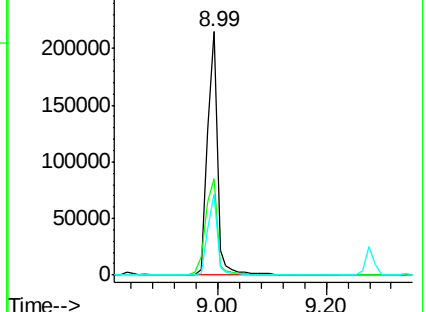
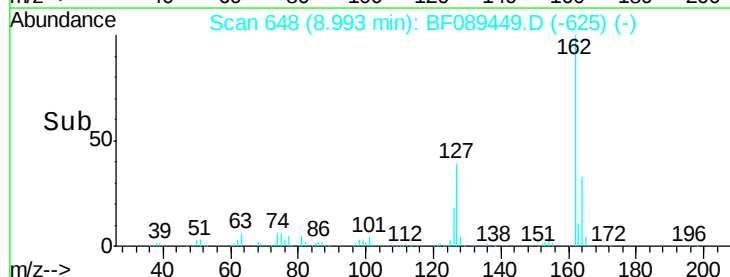
164 33.3 25.8 38.8

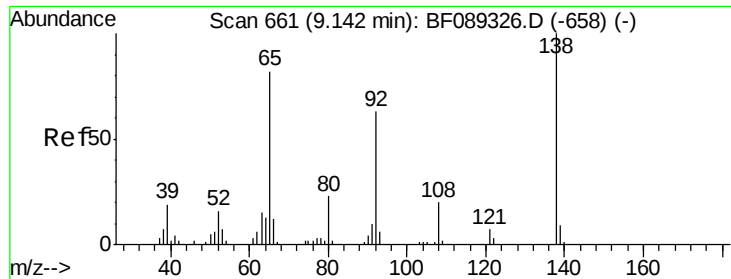


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

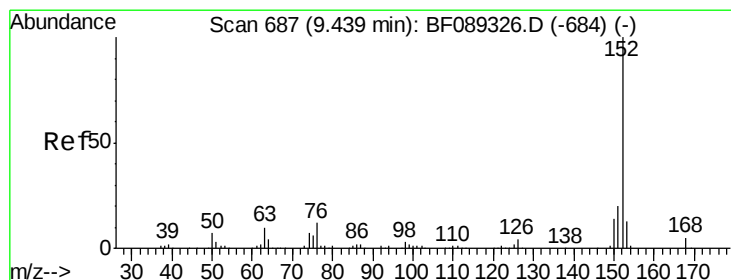
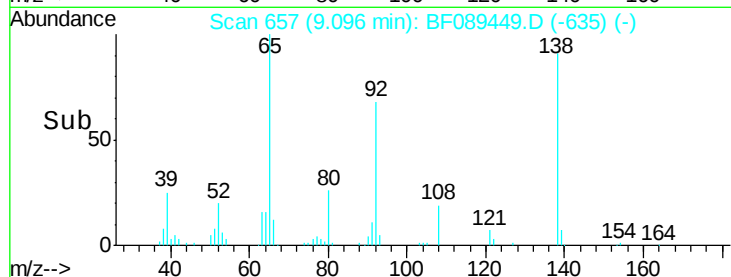
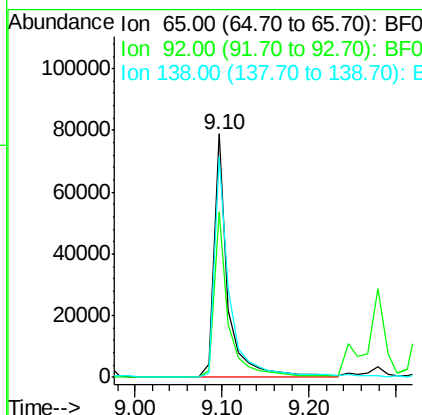
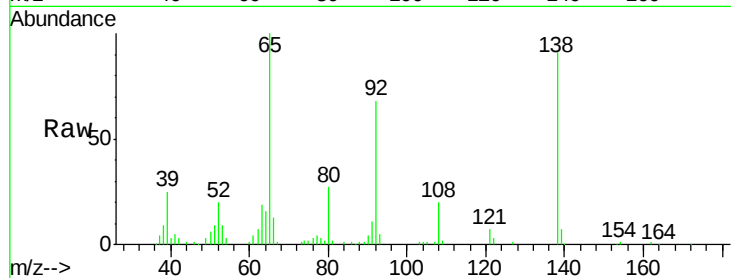




#47
2-Nitroaniline
Concen: 50.46 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

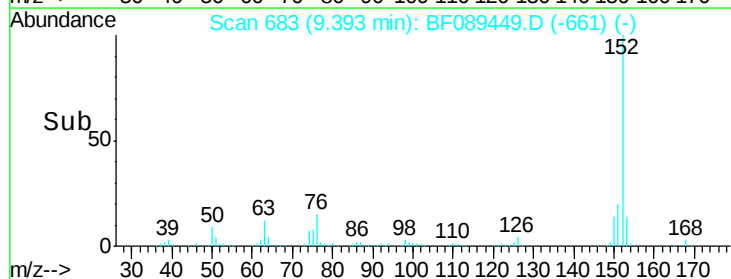
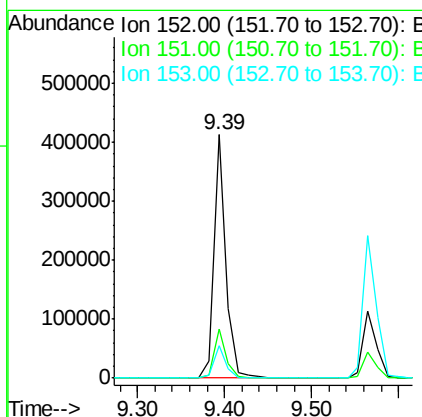
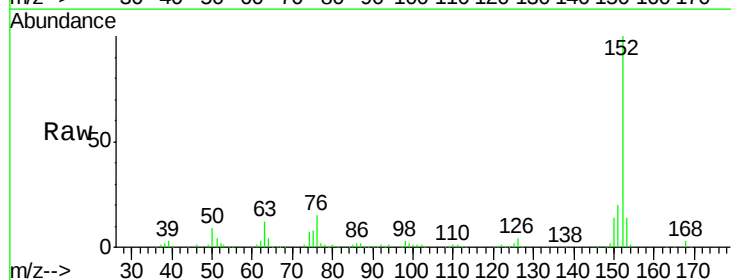
Instrument :
BNA_F
ClientSampleId :

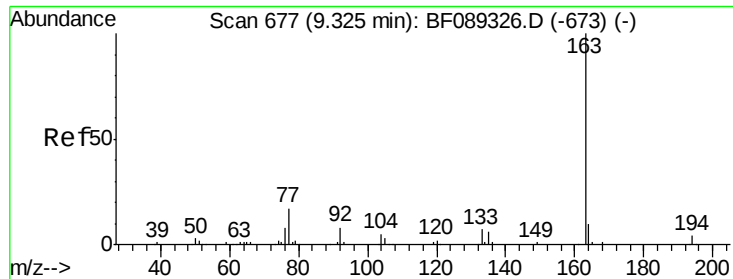
Tot Ion: 65 Resp: 89345
Ion Ratio Lower Upper
65 100
92 67.9 61.0 91.4
138 90.8 99.1 148.7#



#48
Acenaphthylene
Concen: 42.65 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 152 Resp: 401666
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.6 10.2 15.4

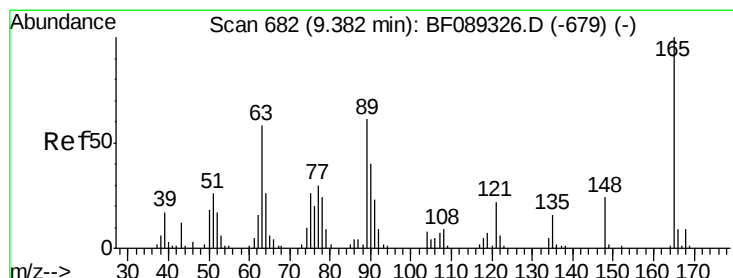
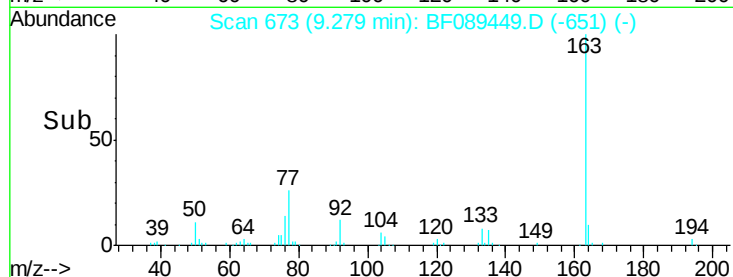
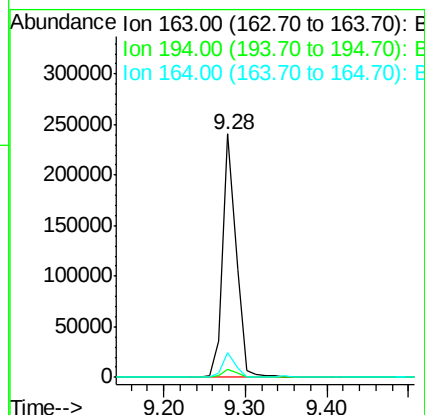
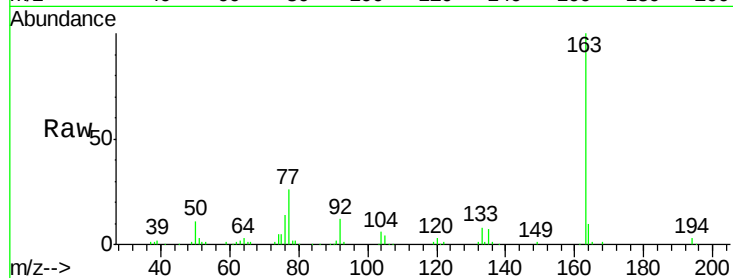




#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

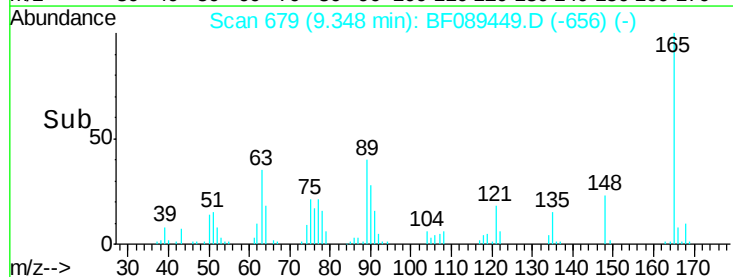
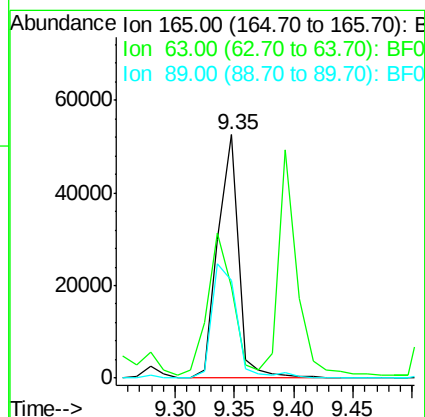
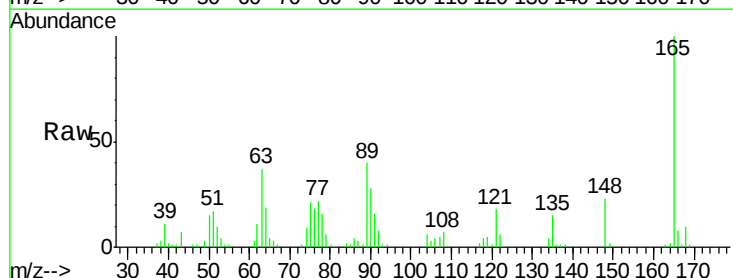
Instrument :
BNA_F
ClientSampleId :

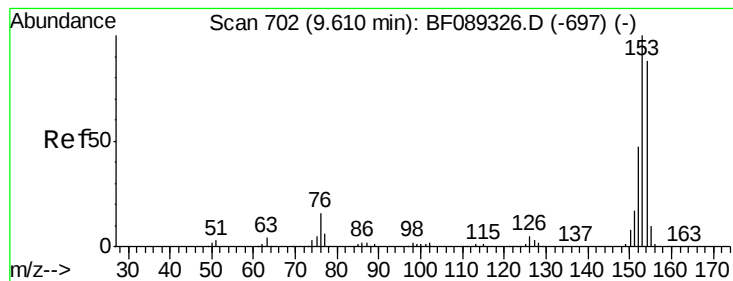
Tot Ion:163 Resp: 274020
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 43.29 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:165 Resp: 63307
Ion Ratio Lower Upper
165 100
63 37.3 43.5 65.3#
89 40.3 45.0 67.4#





#51

Acenaphthene

Concen: 40.70 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

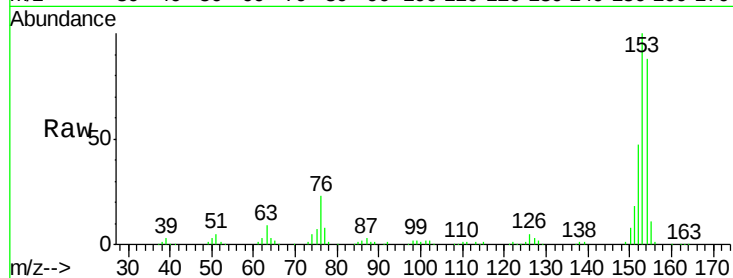
Tot Ion:154 Resp: 223869

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

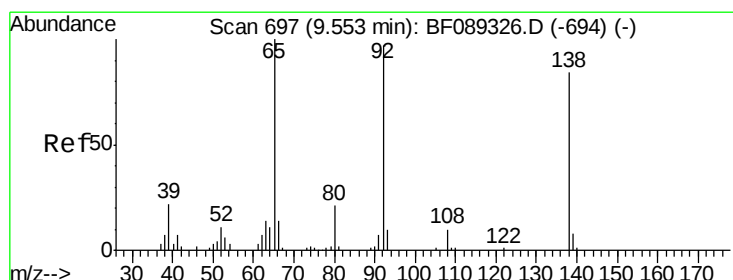
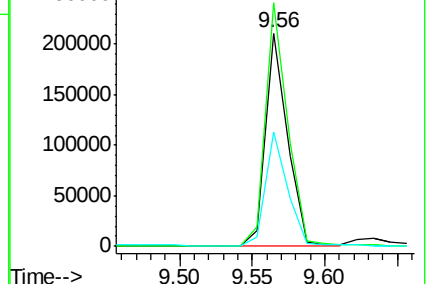
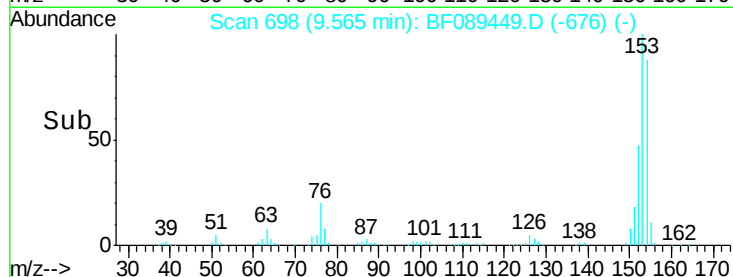
152 53.9 43.8 65.6



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: 49.88 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

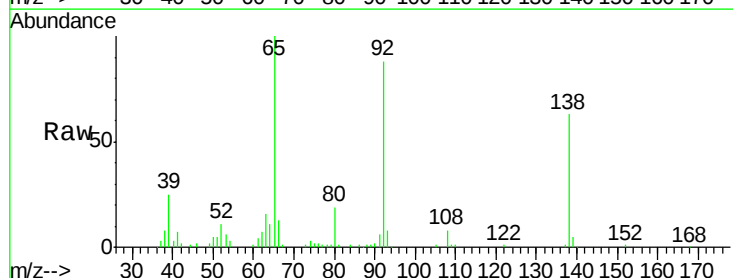
Tgt Ion:138 Resp: 76973

Ion Ratio Lower Upper

138 100

108 12.5 8.6 13.0

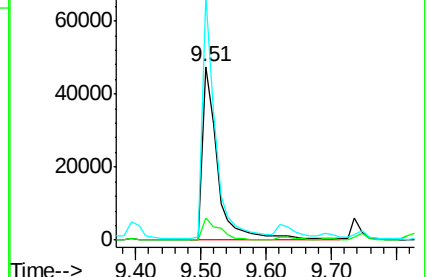
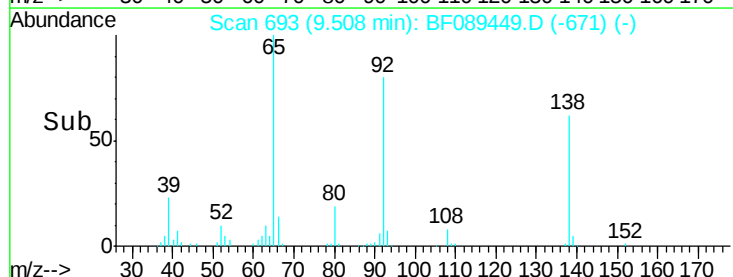
92 140.5 90.0 135.0#

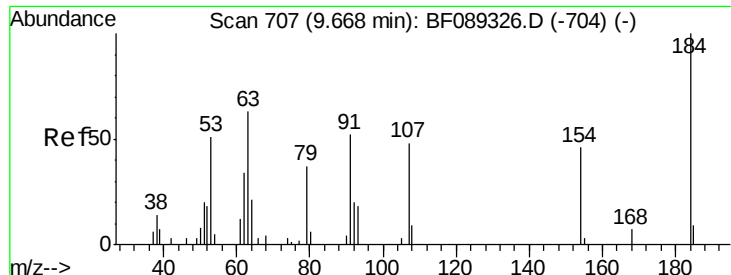


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

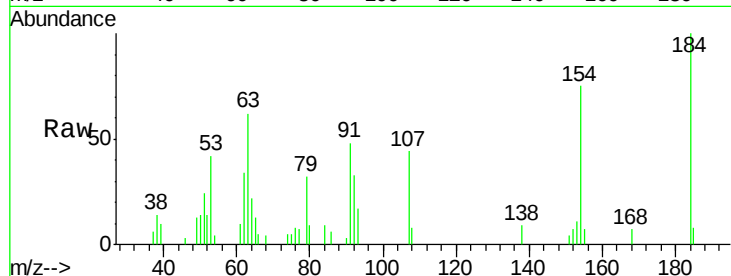




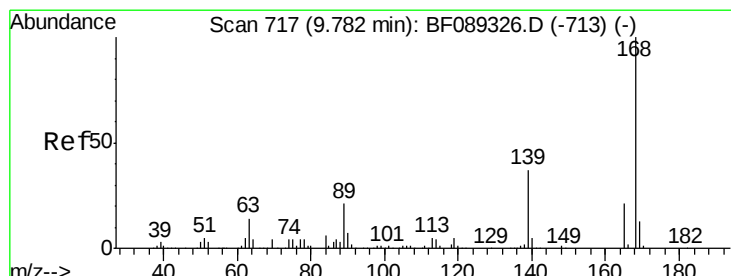
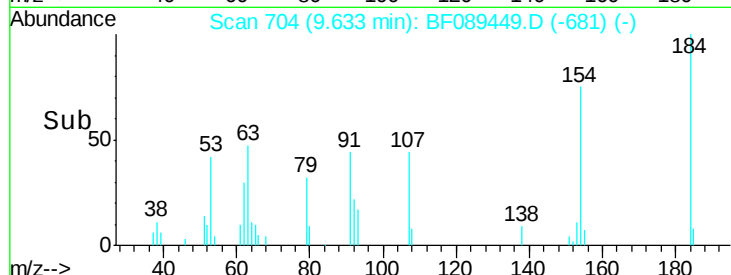
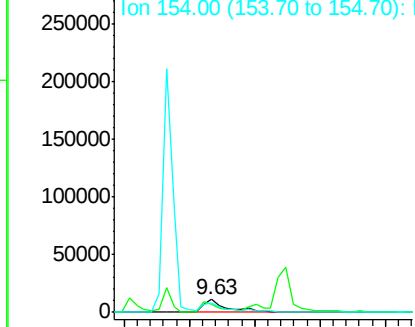
#53
 2,4-Dinitrophenol
 Concen: 53.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 29106
 Ion Ratio Lower Upper
 184 100
 63 62.3 60.6 90.8
 154 74.5 69.8 104.8

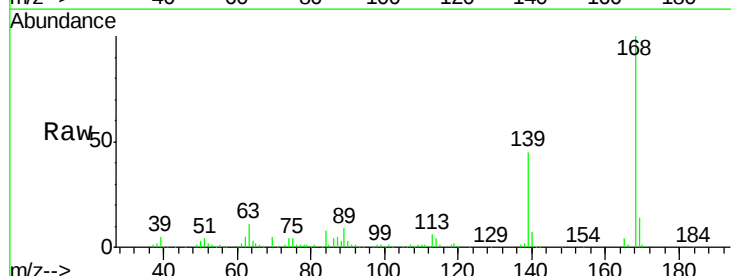


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

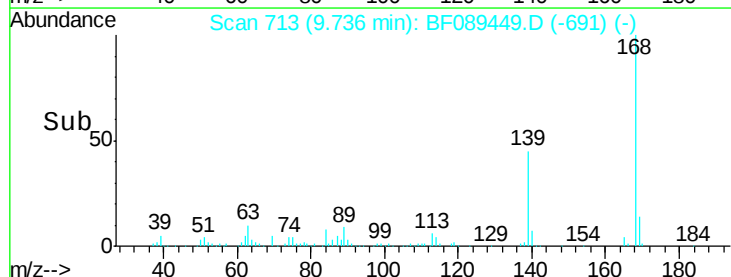
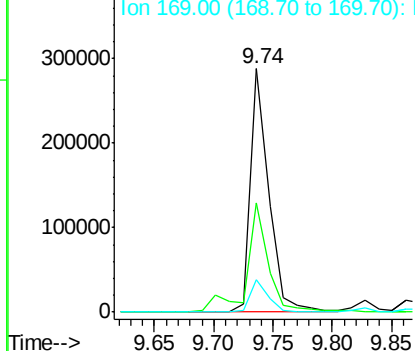


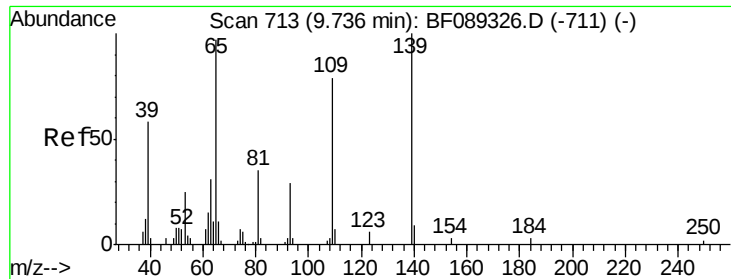
#54
 Dibenzofuran
 Concen: 41.91 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:168 Resp: 314069
 Ion Ratio Lower Upper
 168 100
 139 44.9 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

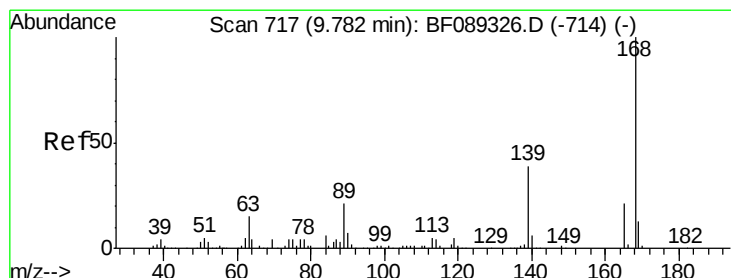
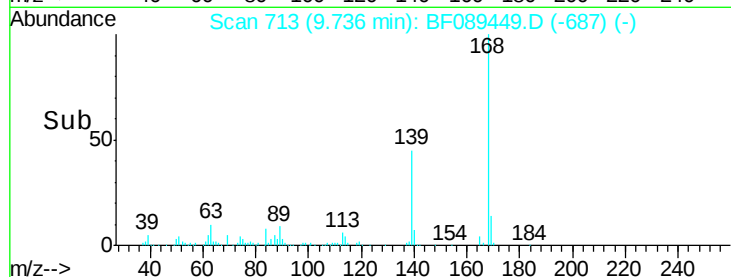
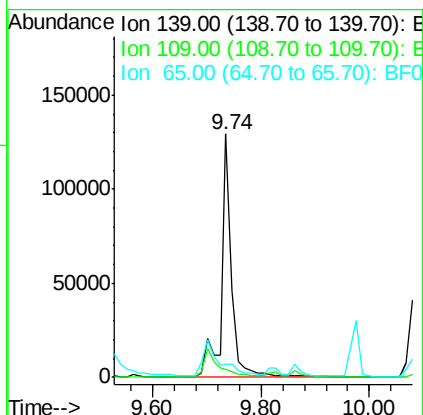
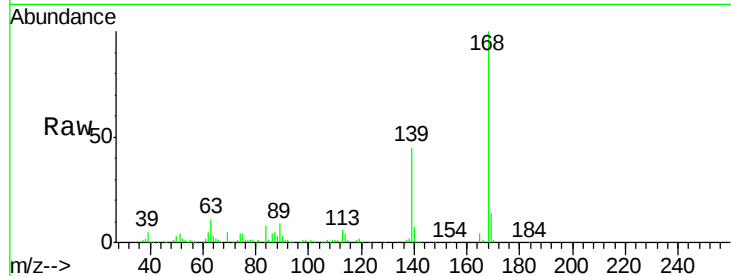




#55
4-Nitrophenol
Concen: 219.24 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

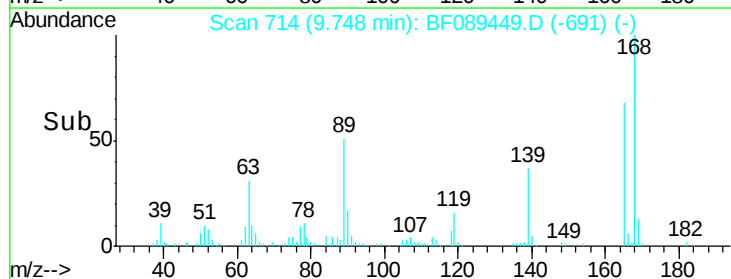
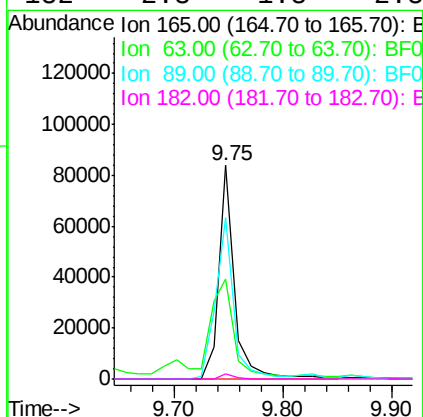
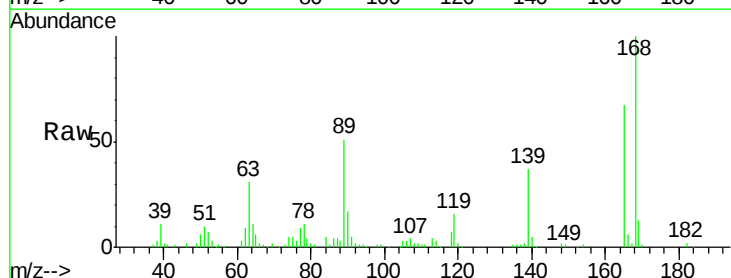
Instrument :
BNA_F
ClientSampleId :

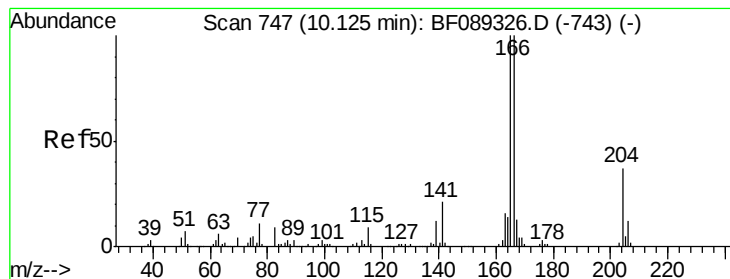
Tot Ion:139 Resp: 173535
Ion Ratio Lower Upper
139 100
109 3.3 57.8 97.8#
65 5.5 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 44.47 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:165 Resp: 85604
Ion Ratio Lower Upper
165 100
63 46.7 58.2 87.2#
89 75.8 79.1 118.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 42.27 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

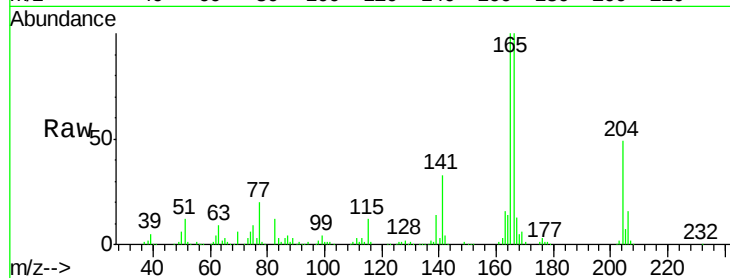
Tot Ion:166 Resp: 276509

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.4

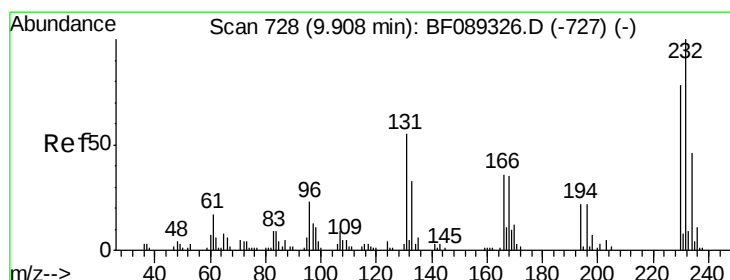
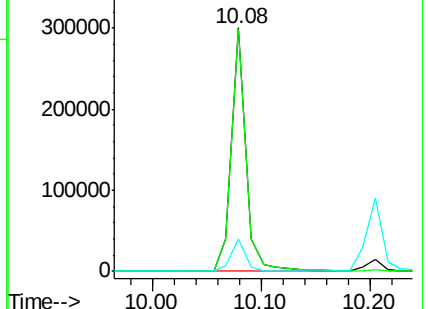
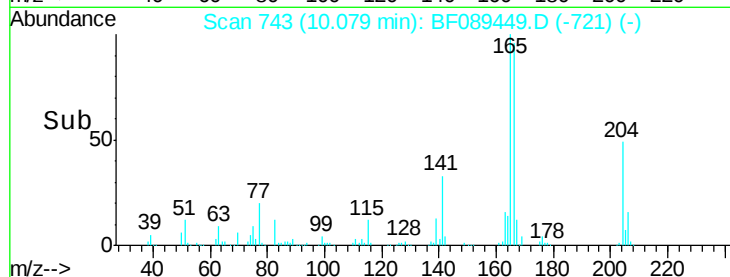
167 13.2 10.2 15.2



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: 45.52 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Tgt Ion:232 Resp: 59887

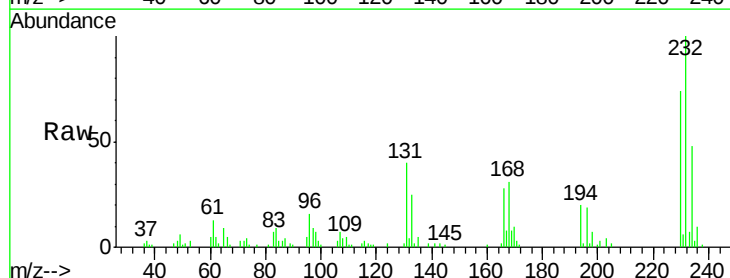
Ion Ratio Lower Upper

232 100

131 55.3 42.7 64.1

130 2.5 1.7 2.5

166 32.2 25.7 38.5

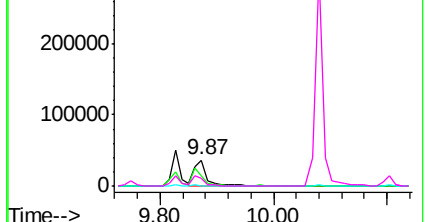
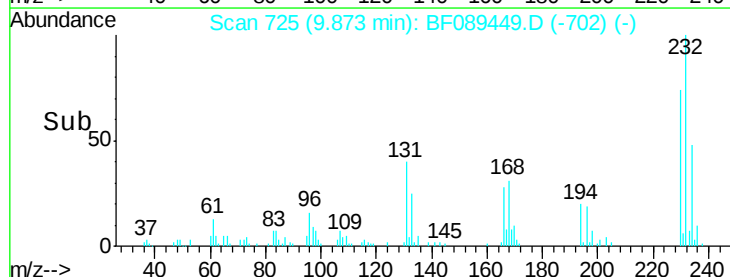


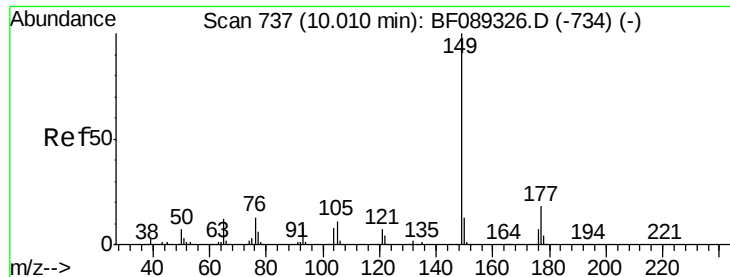
Abundance Ion 232.00 (231.70 to 232.70): E

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

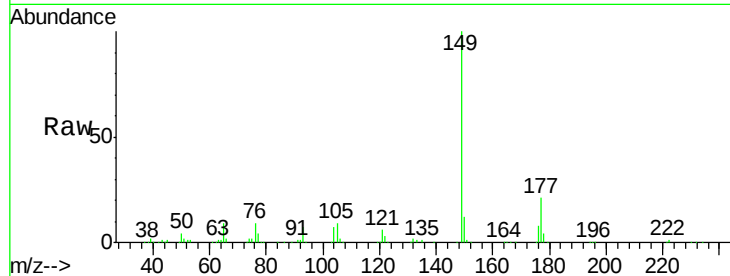




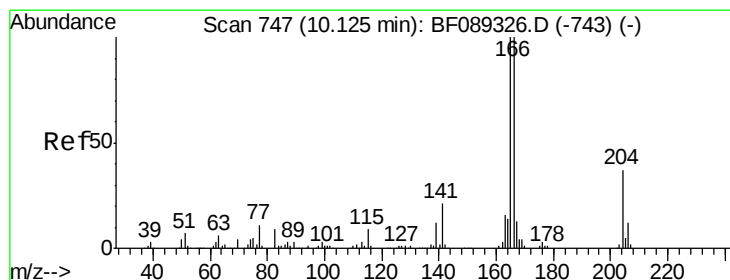
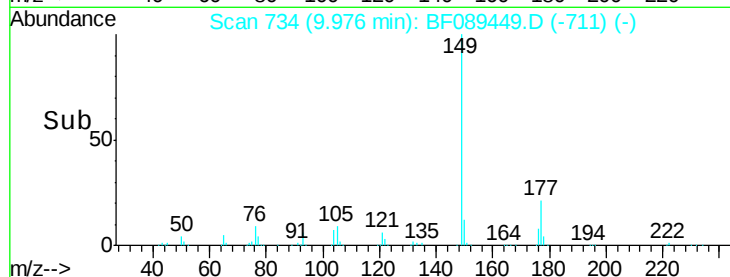
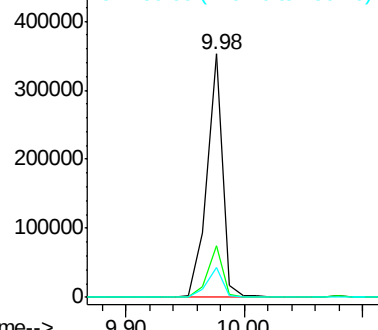
#59
Diethylphthalate
Concen: 44.87 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.1	22.7
150	12.5	10.2	15.4

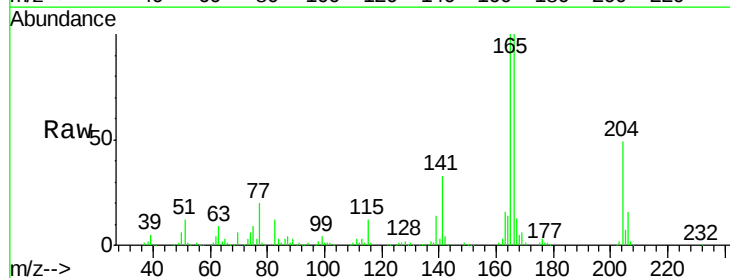


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

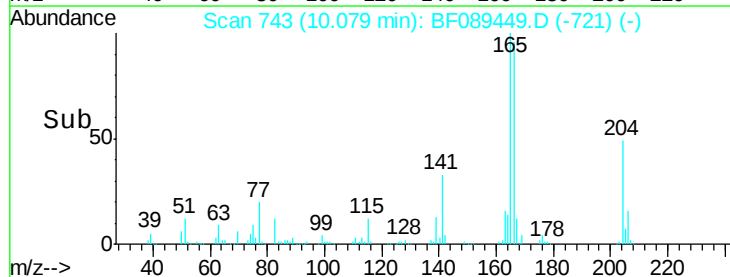
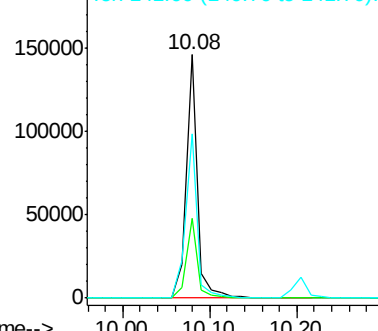


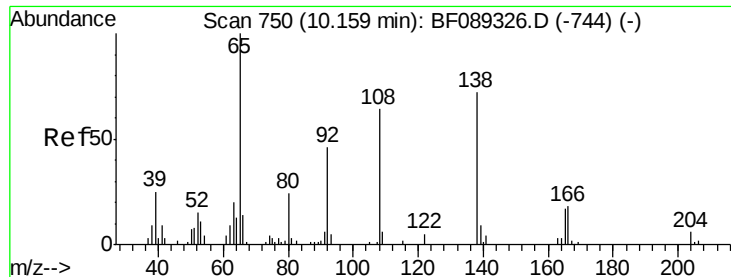
#60
4-Chlorophenyl-phenylether
Concen: 44.15 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	67.3	46.6	70.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

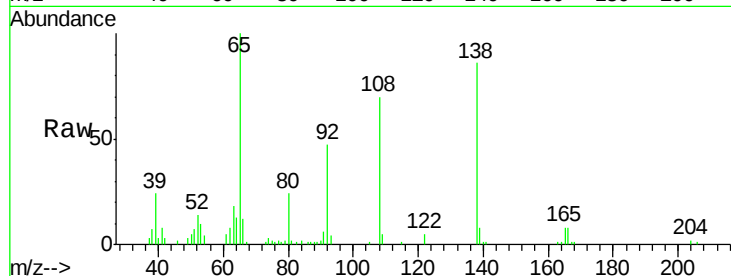




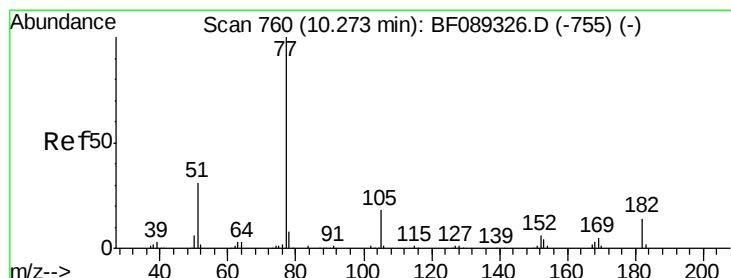
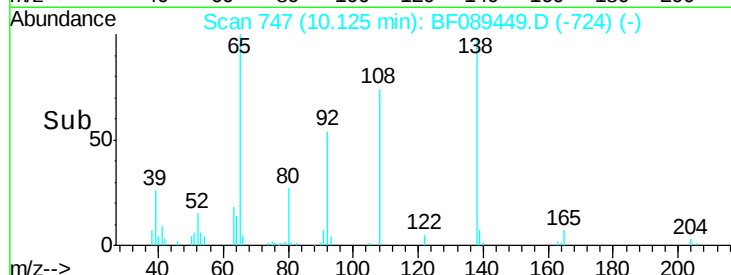
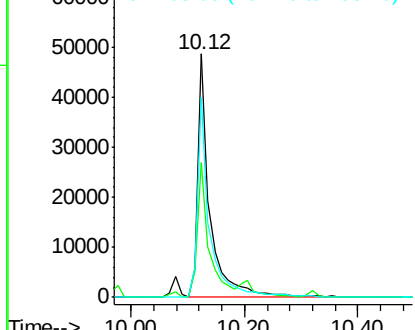
#61
4-Nitroaniline
Concen: 45.20 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 71897
Ion Ratio Lower Upper
138 100
92 55.2 41.2 81.2
108 82.0 69.6 109.6

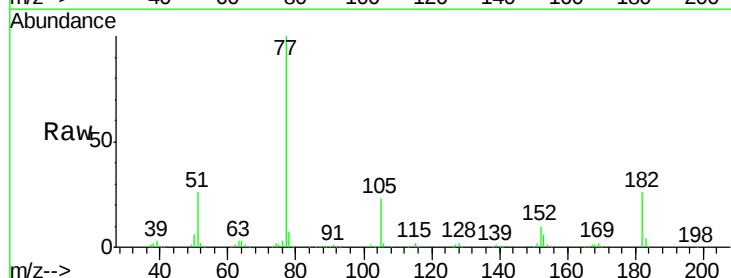


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

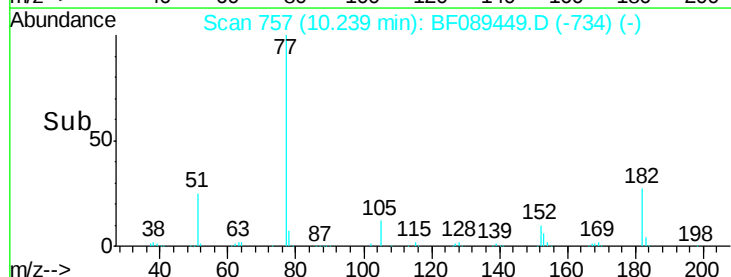
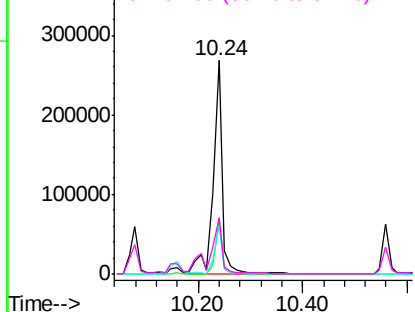


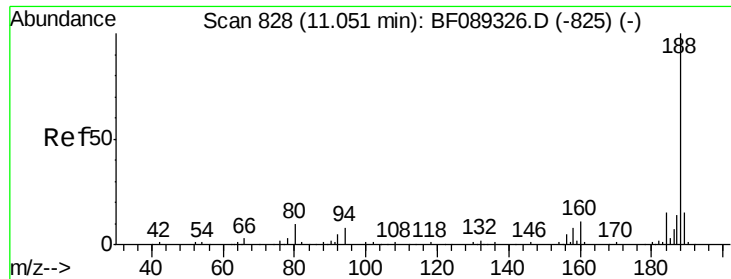
#62
Azobenzene
Concen: 43.20 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion: 77 Resp: 320980
Ion Ratio Lower Upper
77 100
182 25.7 0.0 33.8
105 22.9 0.0 39.8
51 26.2 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

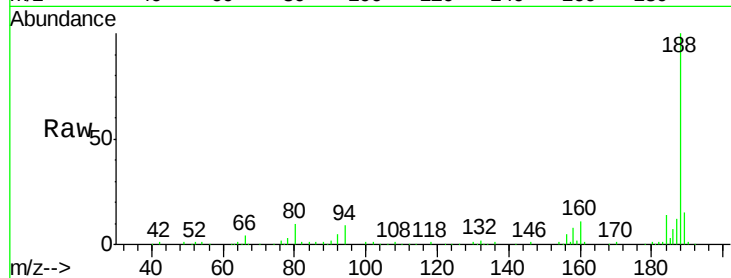




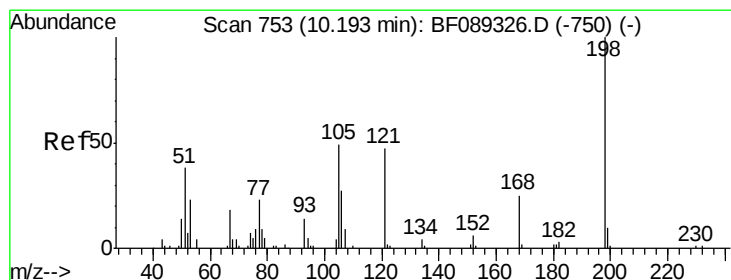
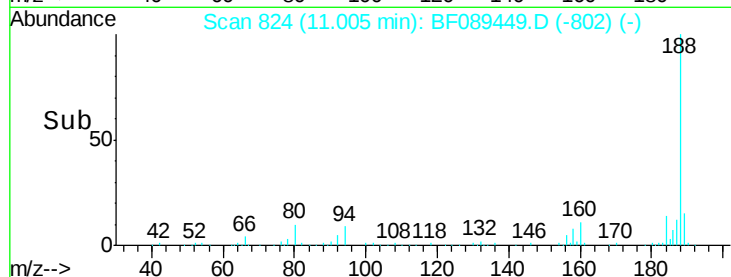
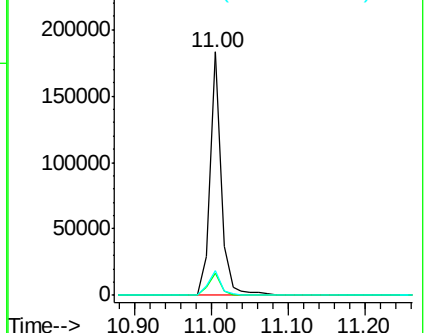
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 183299
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.5 9.7
 80 10.4 7.2 10.8

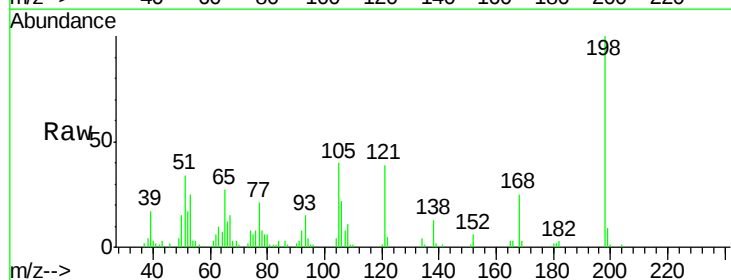


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

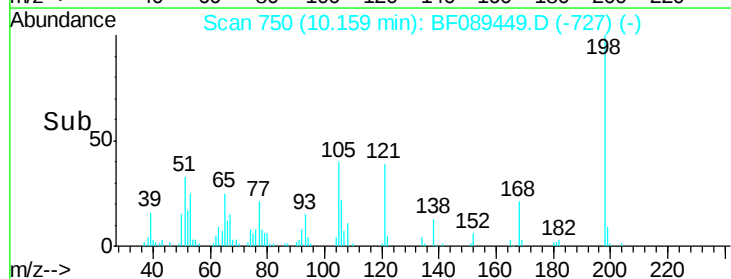
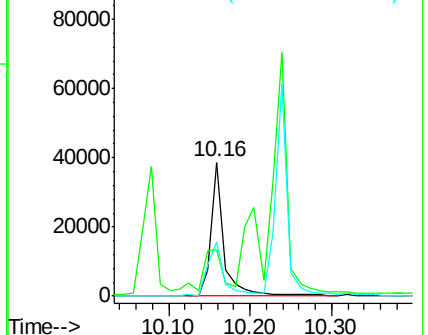


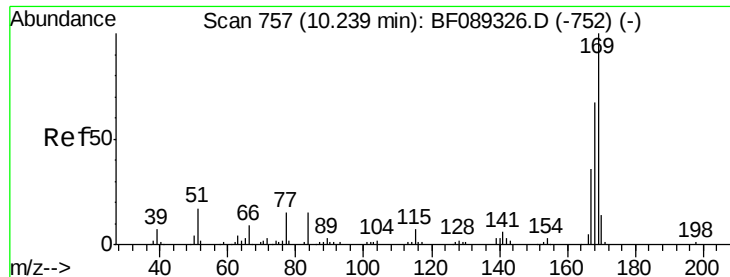
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.16 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:198 Resp: 43562
 Ion Ratio Lower Upper
 198 100
 51 34.4 23.0 63.0
 105 40.3 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: 45.34 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

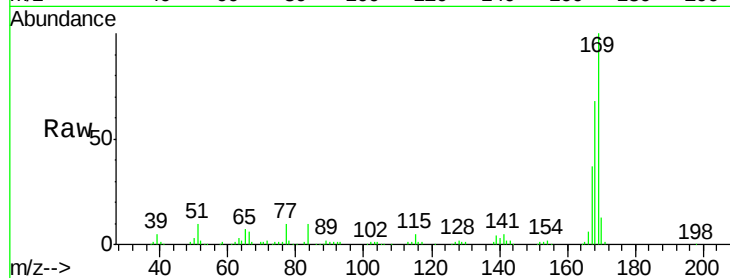
Tot Ion:169 Resp: 259297

Ion Ratio Lower Upper

169 100

168 68.1 55.4 83.0

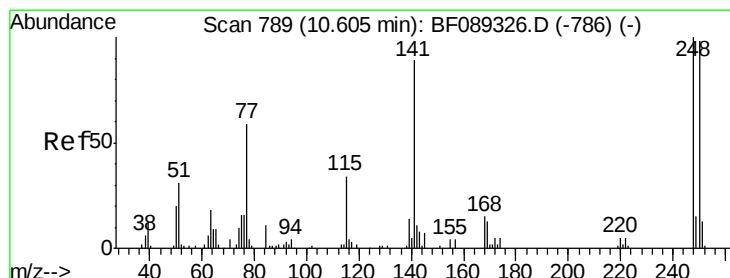
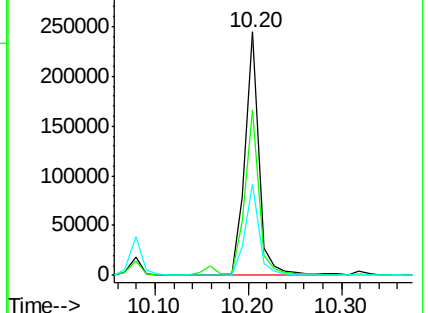
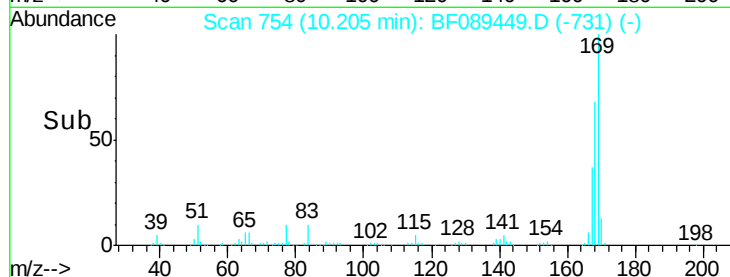
167 37.3 29.7 44.5



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: 39.88 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

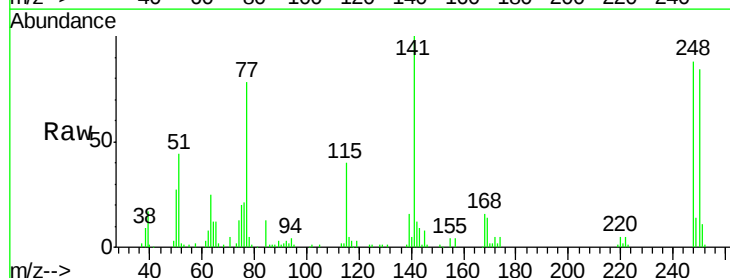
Tgt Ion:248 Resp: 69800

Ion Ratio Lower Upper

248 100

250 95.7 78.2 117.2

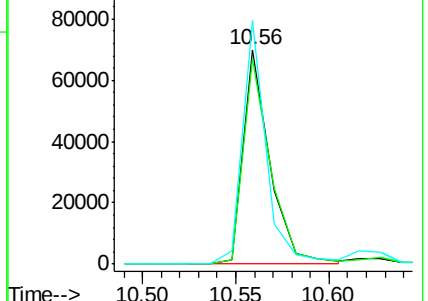
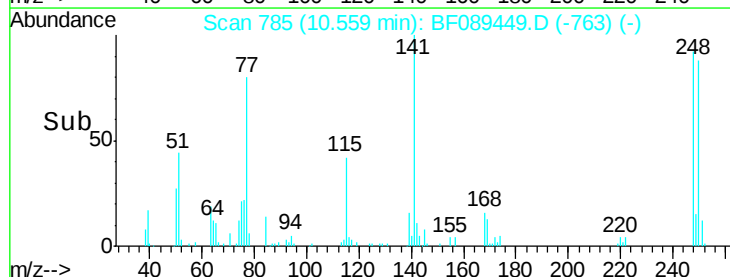
141 113.4 62.0 93.0#

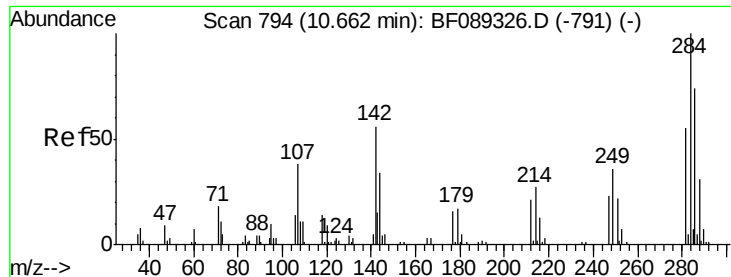


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.97 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampled :

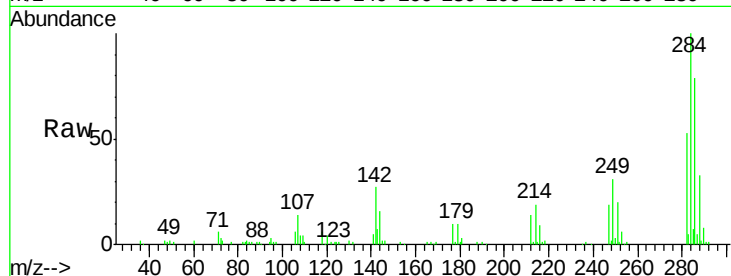
Tot Ion:284 Resp: 78858

Ion Ratio Lower Upper

284 100

142 26.7 42.2 63.4#

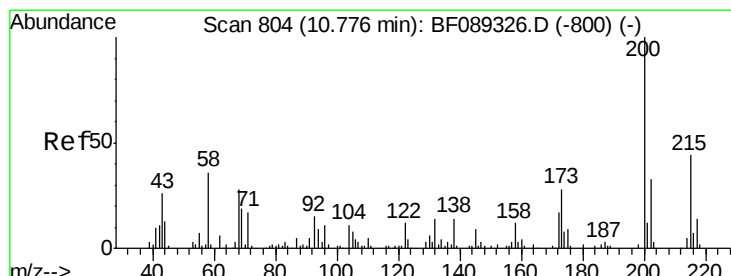
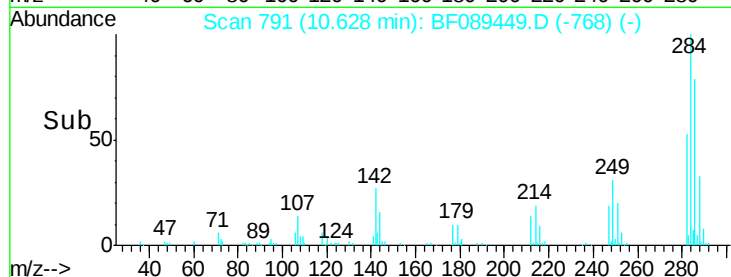
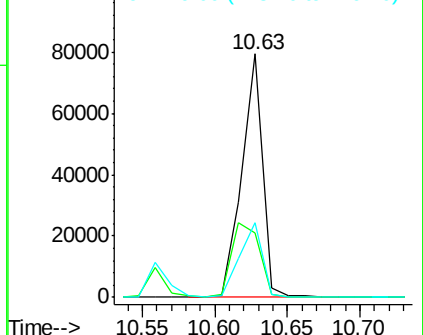
249 30.8 29.4 44.0



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: 37.69 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

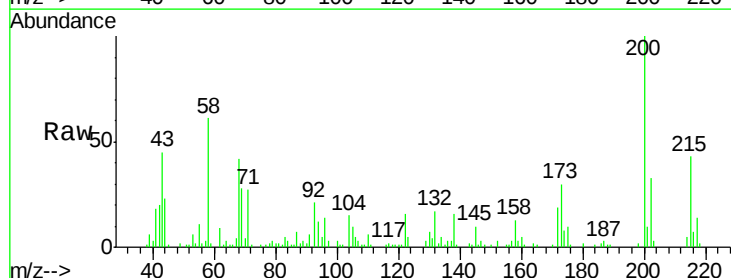
Tgt Ion:200 Resp: 66221

Ion Ratio Lower Upper

200 100

173 29.5 6.0 46.0

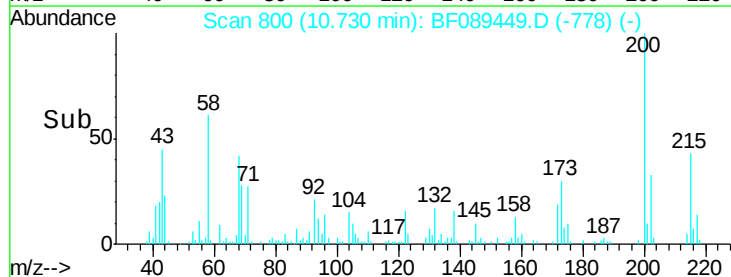
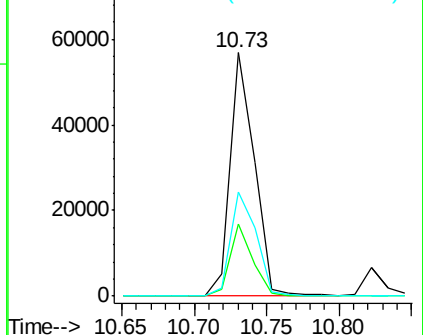
215 42.8 24.3 64.3

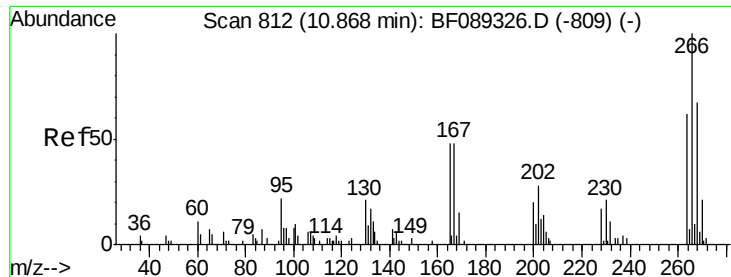


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

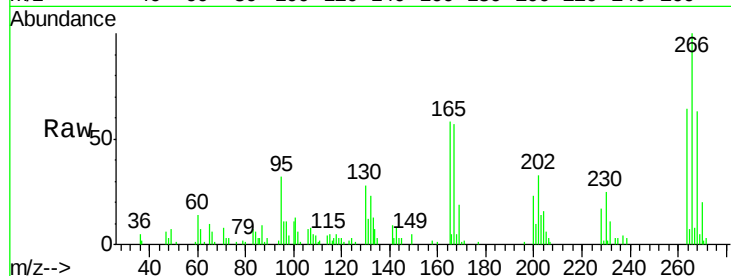




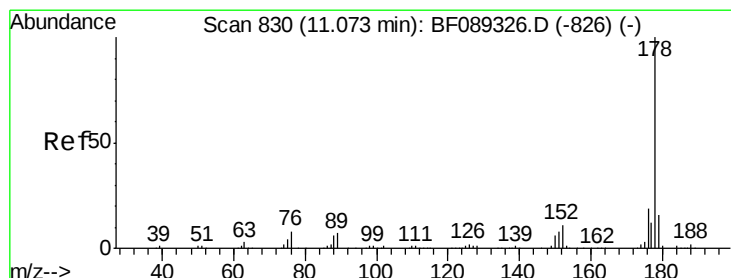
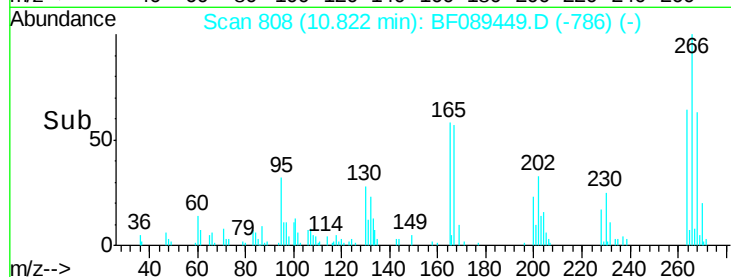
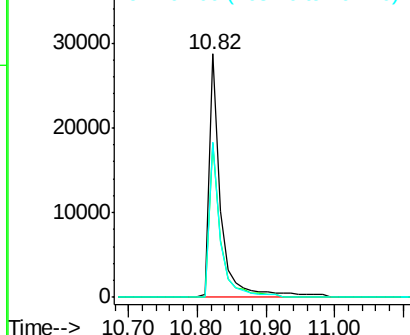
#69
 Pentachlorophenol
 Concen: 42.72 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 34466
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.4 74.2
 264 63.9 50.2 75.2

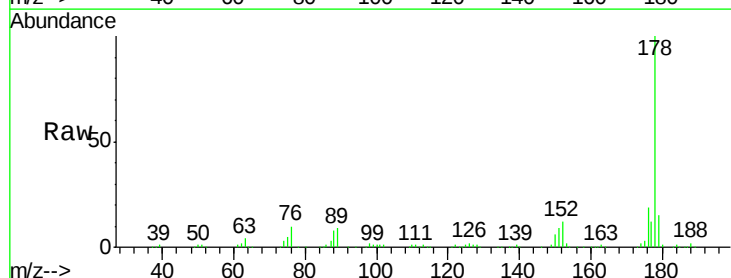


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

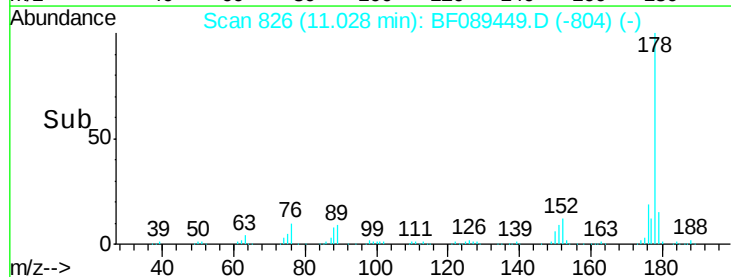
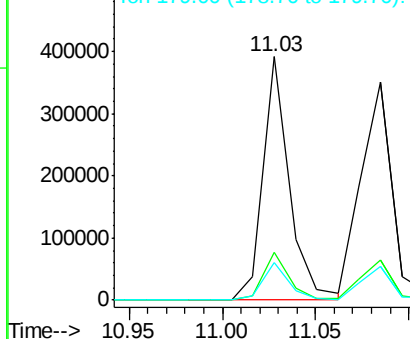


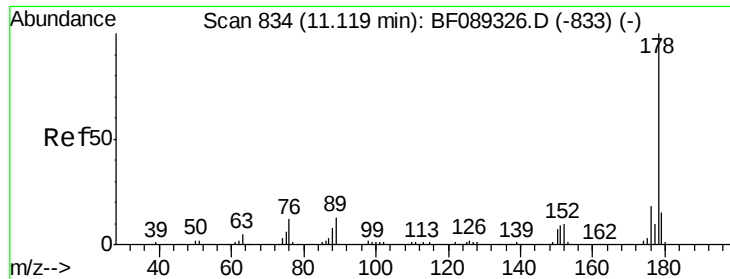
#70
 Phenanthrene
 Concen: 40.16 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:178 Resp: 379649
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.4 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

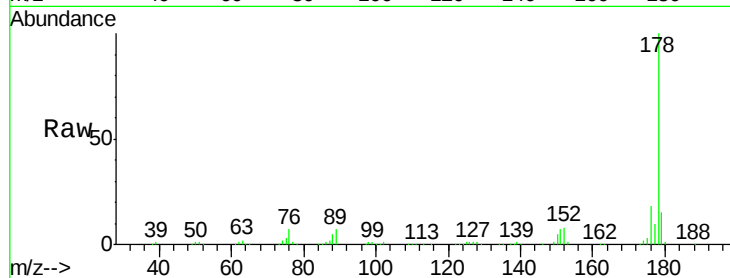




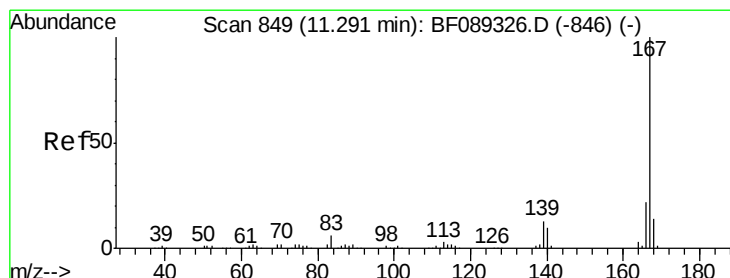
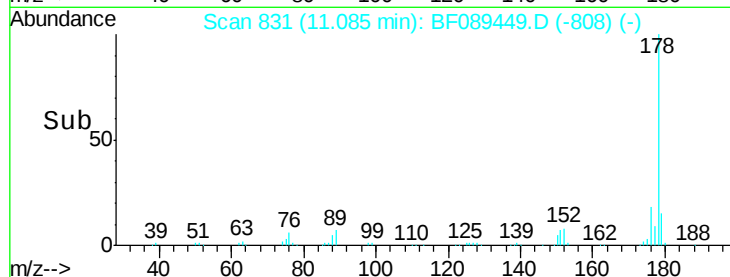
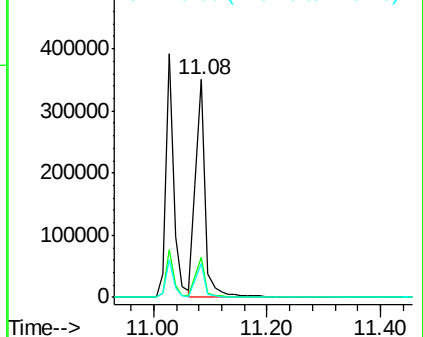
#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 424386
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.4 12.6 18.8

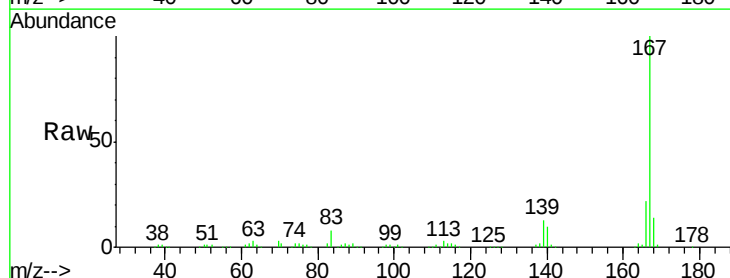


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

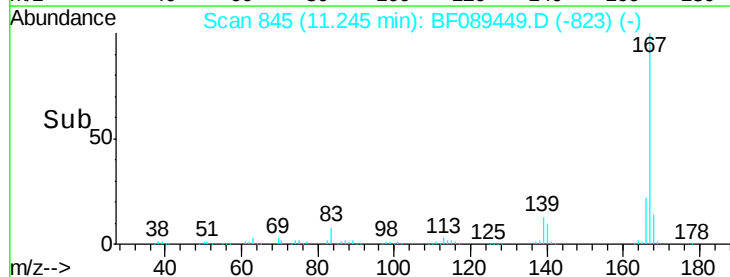
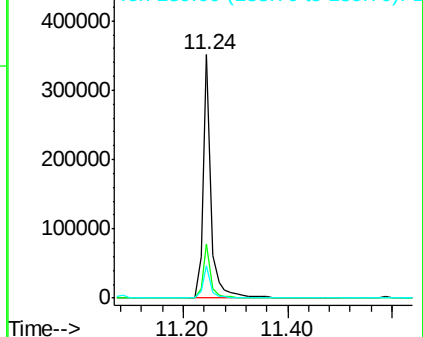


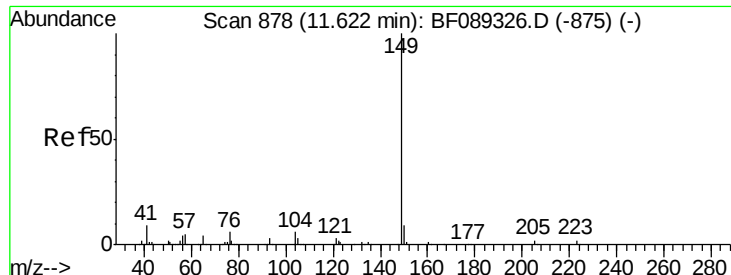
#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:167 Resp: 374956
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.4 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: 41.23 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

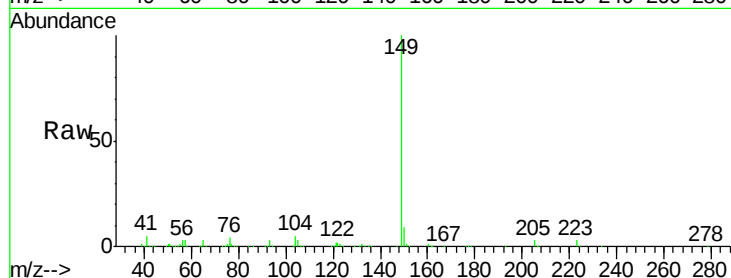
Tot Ion:149 Resp: 489475

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

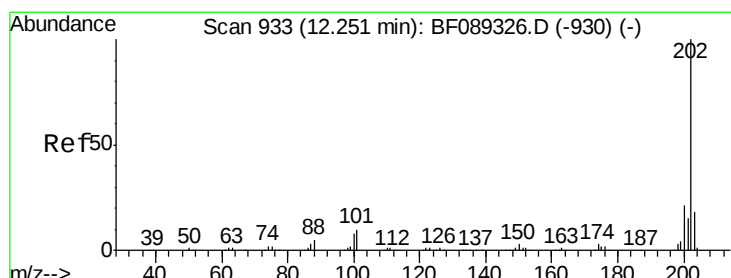
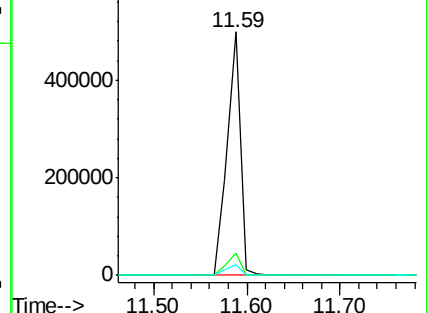
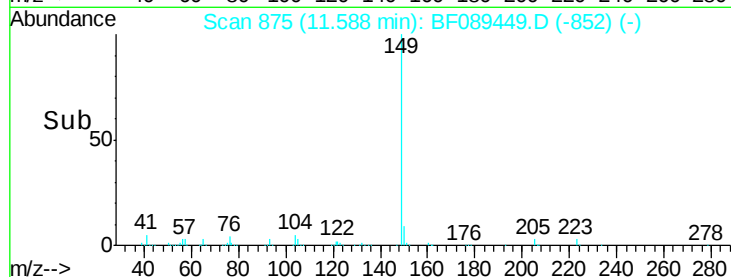
104 4.5 4.7 7.1#



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: 40.70 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

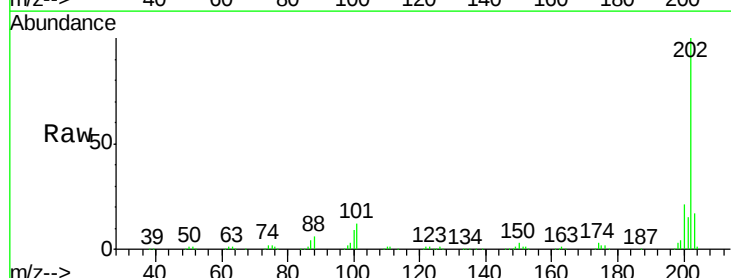
Tgt Ion:202 Resp: 404696

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.9

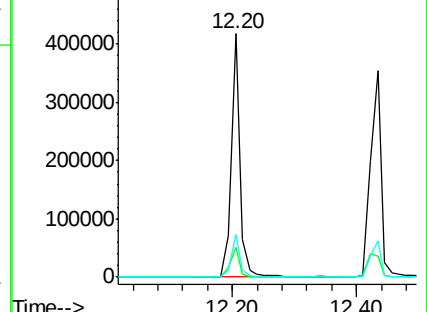
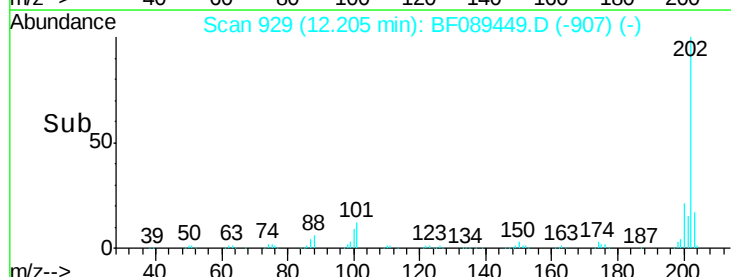
203 17.3 0.0 37.3



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: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampled :

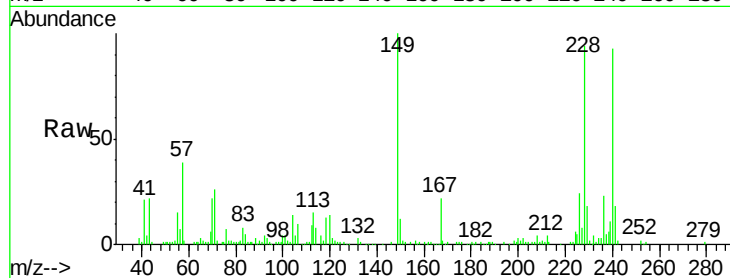
Tot Ion:240 Resp: 115222

Ion Ratio Lower Upper

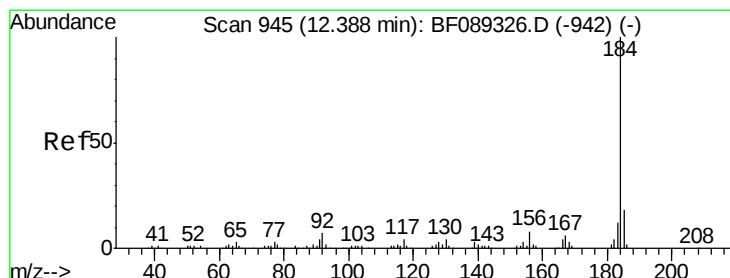
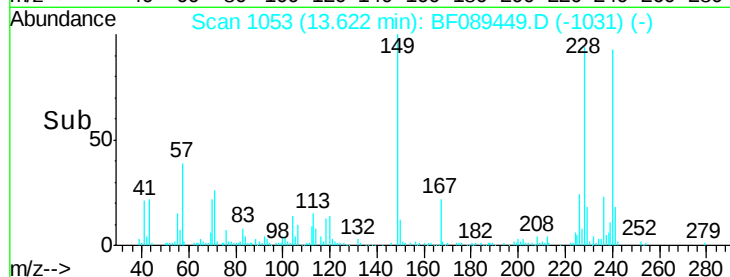
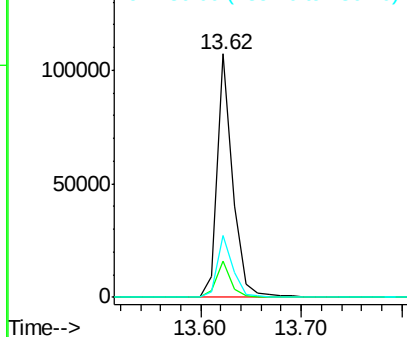
240 100

120 15.1 9.1 13.7#

236 25.3 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: 63.95 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

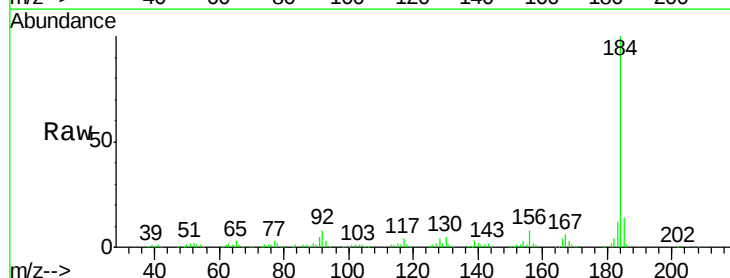
Tgt Ion:184 Resp: 272244

Ion Ratio Lower Upper

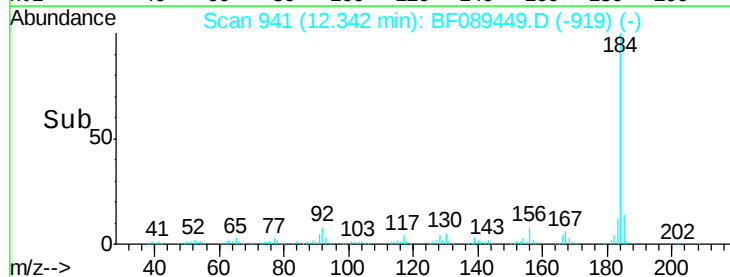
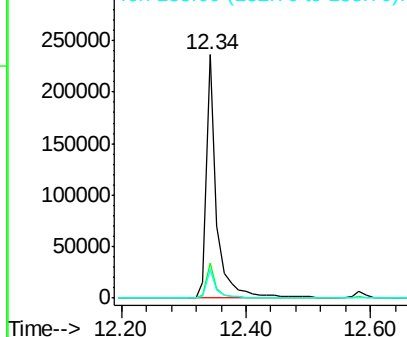
184 100

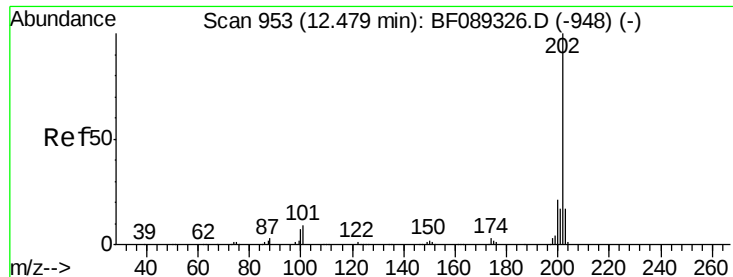
185 14.4 13.5 20.3

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

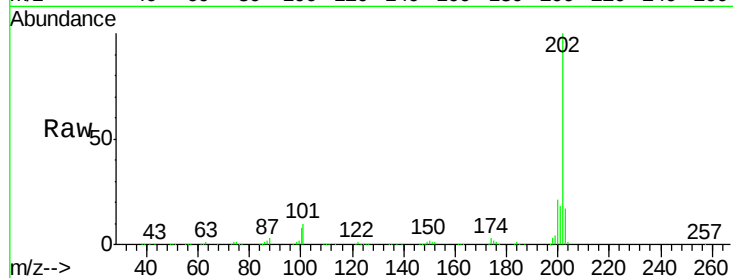




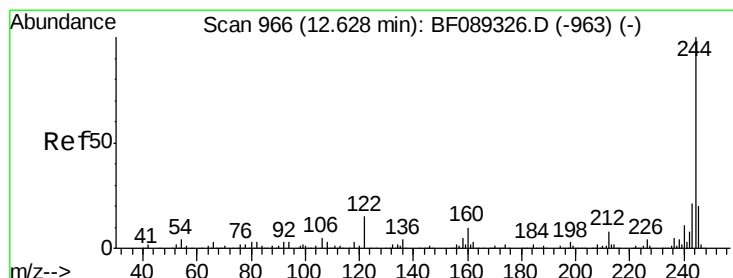
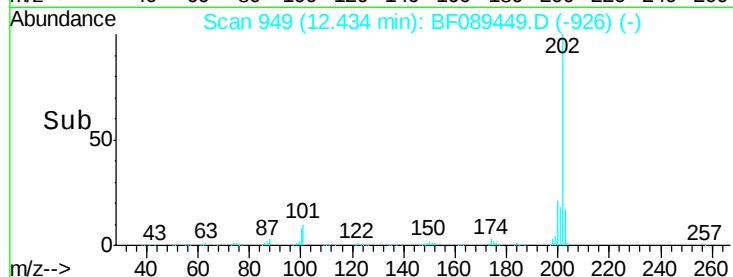
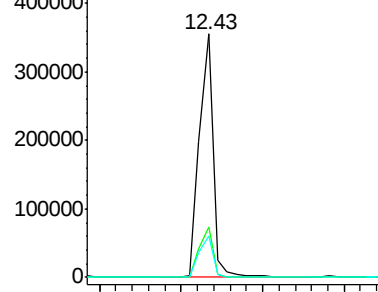
#77
 Pvrene
 Concen: 47.22 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 412371
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 17.2 14.0 21.0

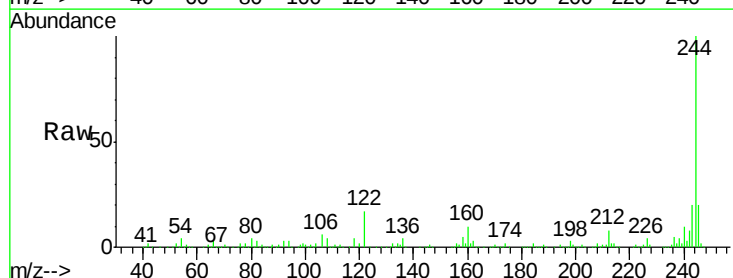


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

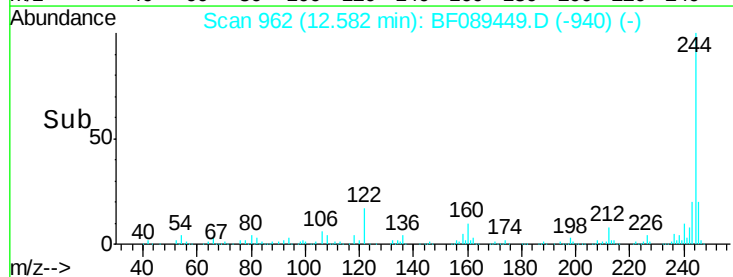
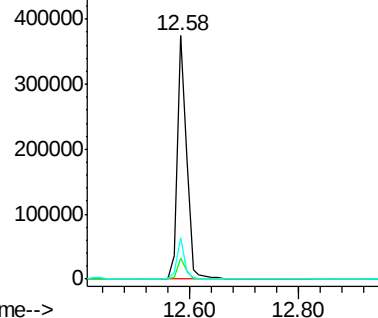


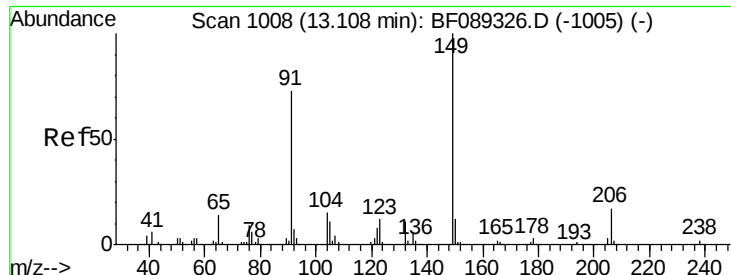
#78
 Terphenyl-d14
 Concen: 88.10 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:244 Resp: 433699
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 16.9 11.4 17.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.47 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

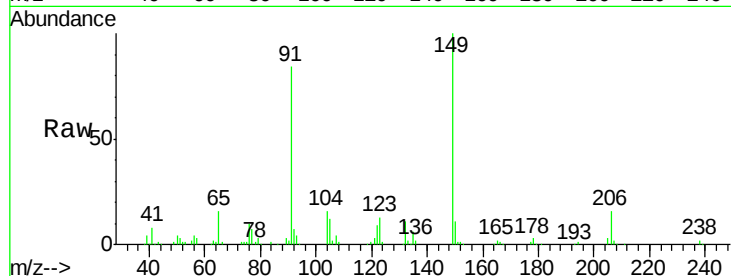
Tot Ion:149 Resp: 172604

Ion Ratio Lower Upper

149 100

91 83.5 58.5 87.7

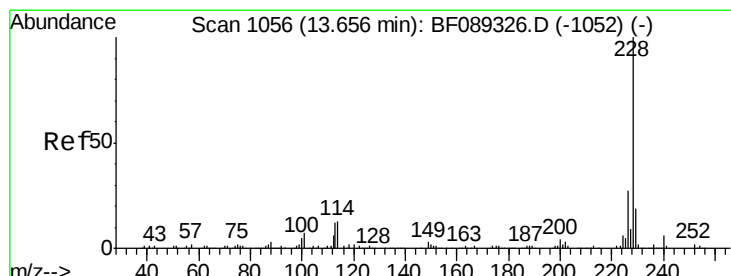
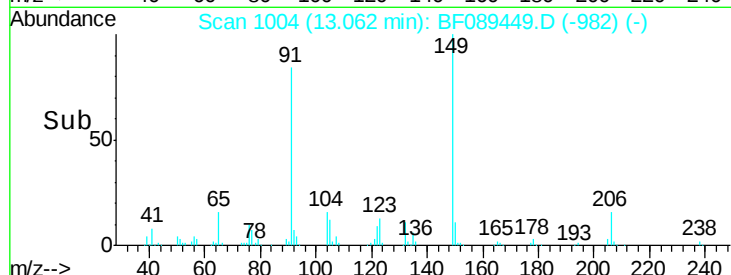
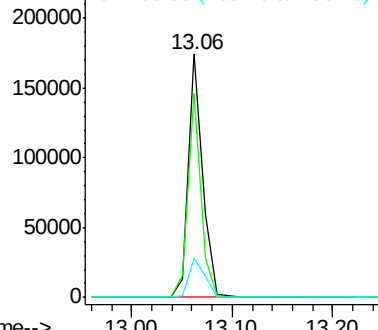
206 15.7 13.8 20.8



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: 41.83 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

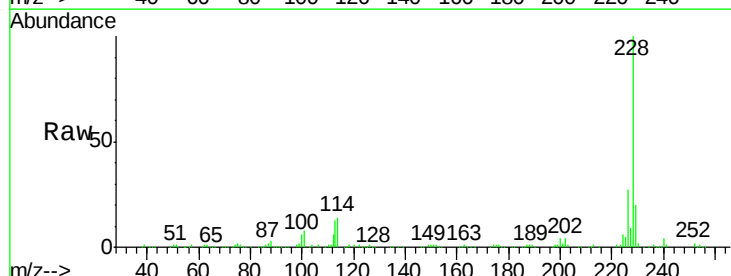
Tgt Ion:228 Resp: 271974

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

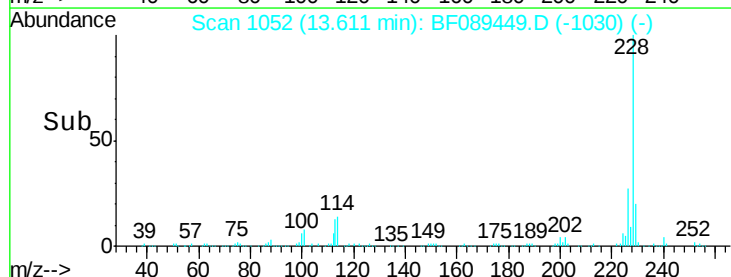
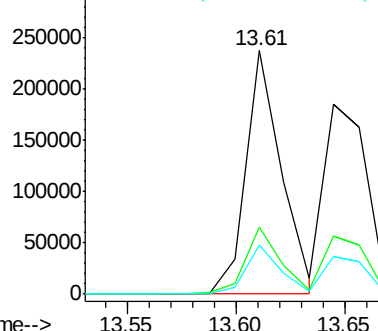
229 20.0 15.9 23.9

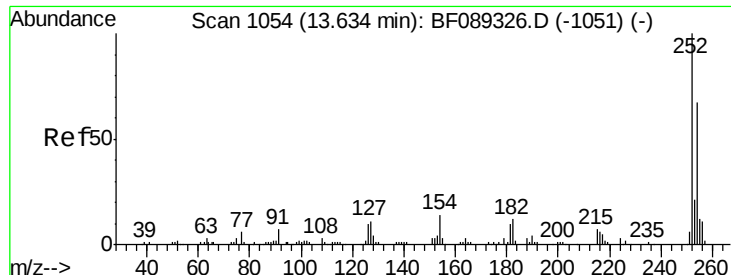


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

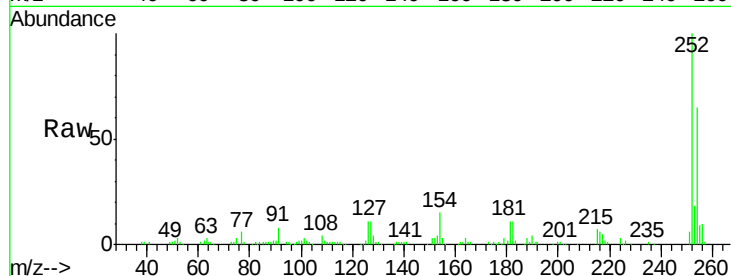




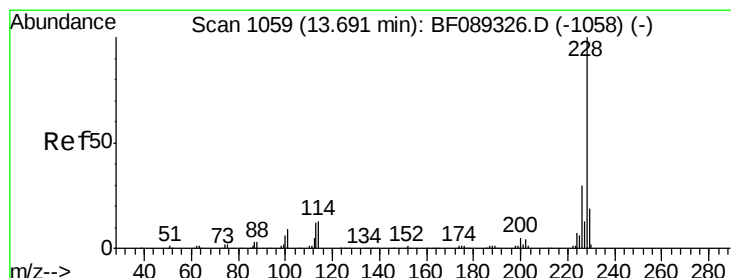
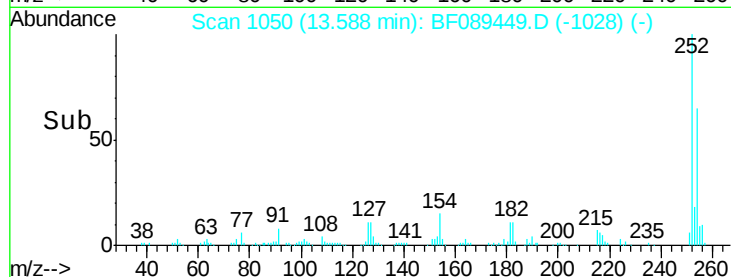
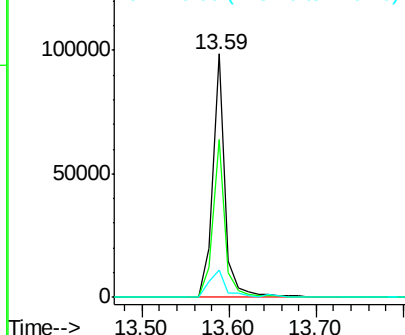
#81
 3,3'-Dichlorobenzidine
 Concen: 42.28 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 98937
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.5 78.7
 126 11.4 7.4 11.2#

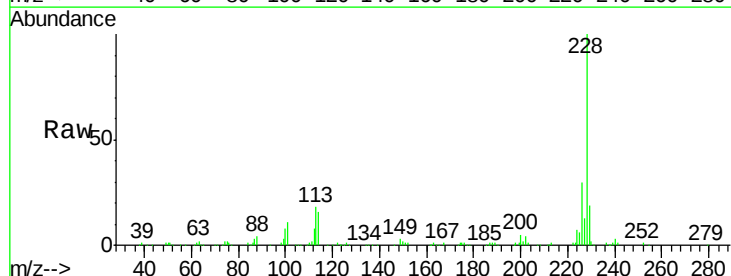


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

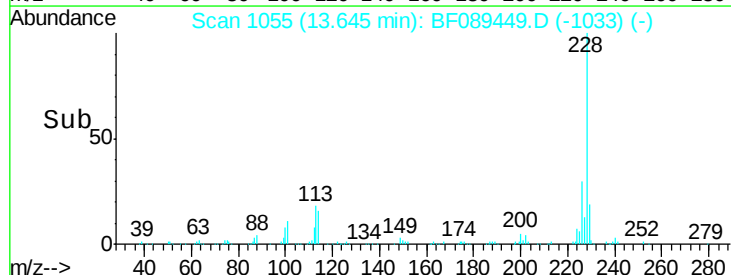
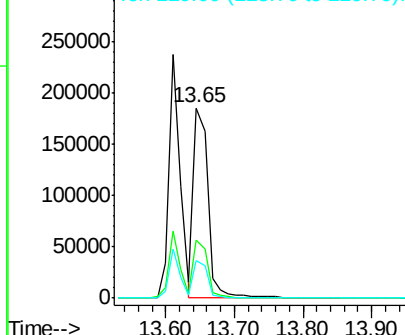


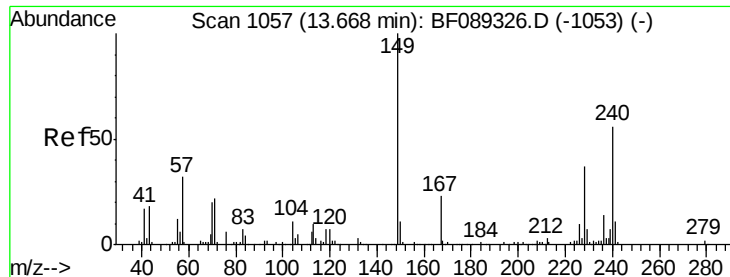
#82
 Chrysene
 Concen: 38.84 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089449.D
 Acq: 30 Jul 2016 13:13

Tgt Ion:228 Resp: 268856
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.09 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

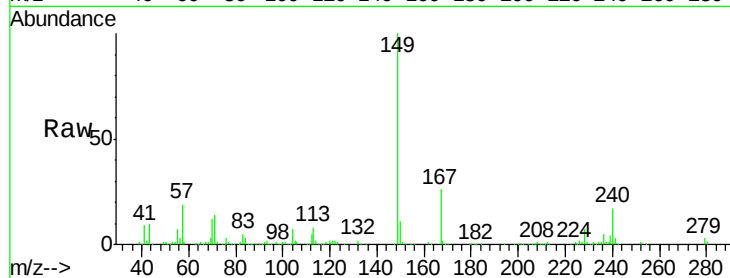
Tot Ion:149 Resp: 247322

Ion Ratio Lower Upper

149 100

167 25.8 18.8 28.2

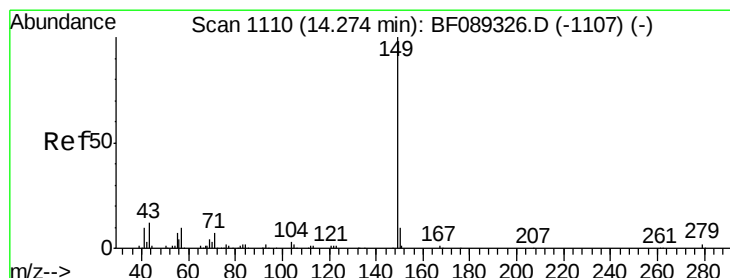
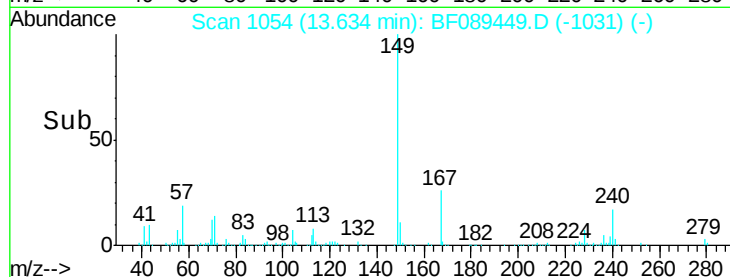
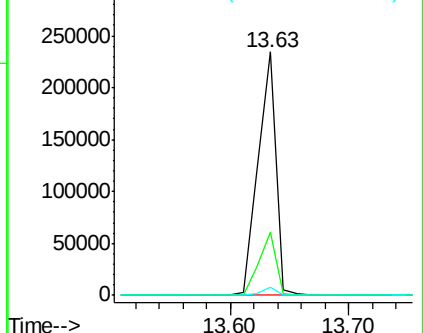
279 3.5 1.4 2.0#



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: 42.20 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

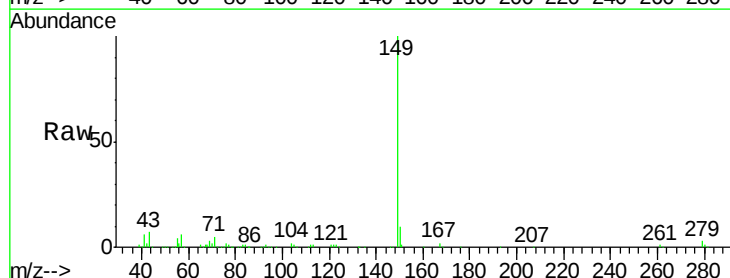
Tgt Ion:149 Resp: 377964

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

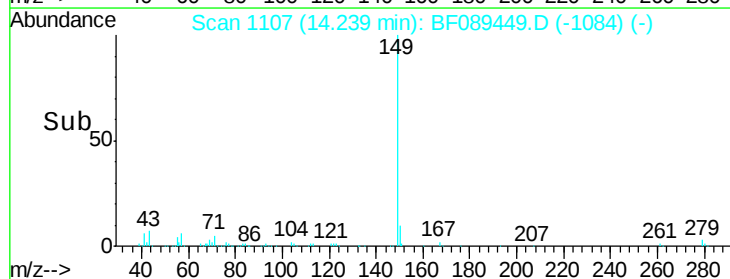
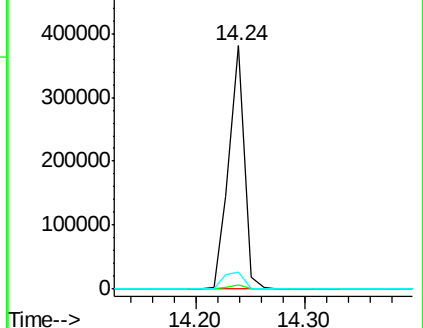
43 9.8 7.3 10.9

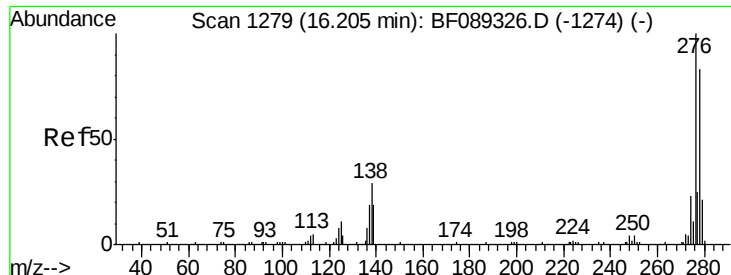


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

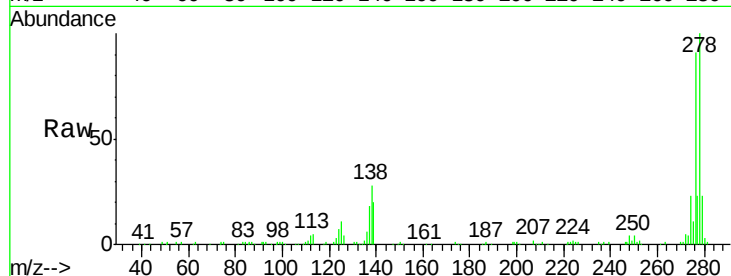




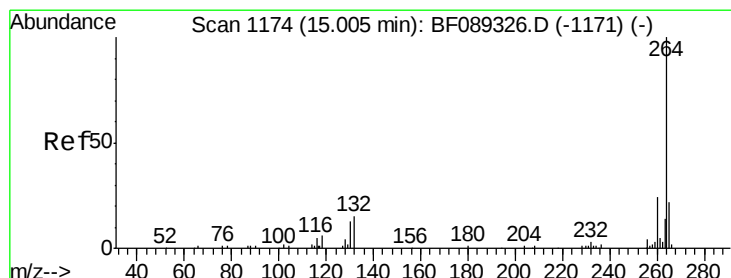
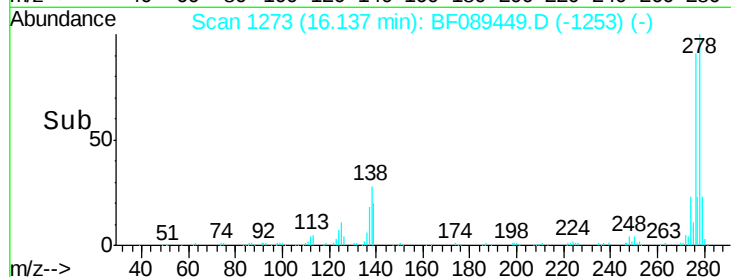
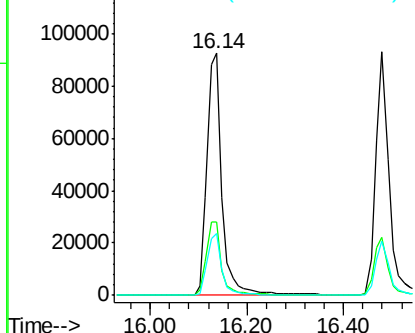
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.29 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 203205
Ion Ratio Lower Upper
276 100
138 30.7 23.0 34.4
277 25.2 20.2 30.4

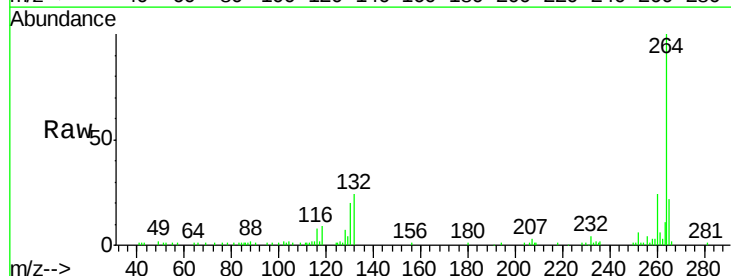


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

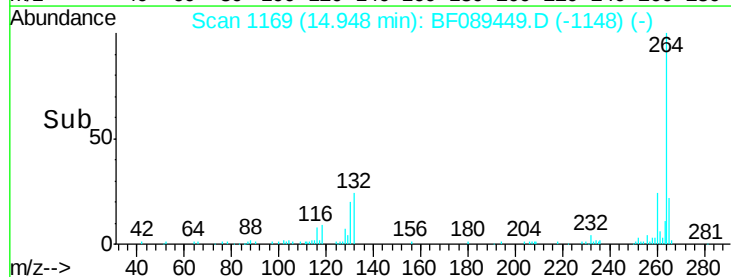
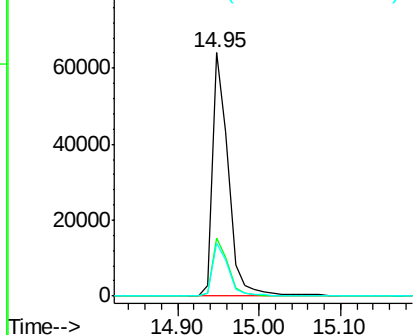


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:264 Resp: 86966
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

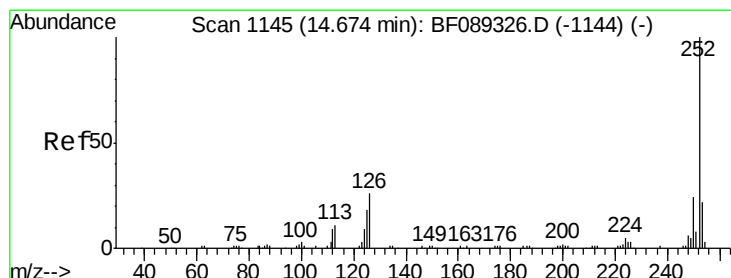
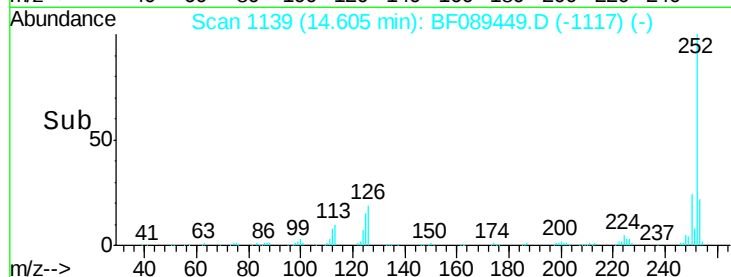
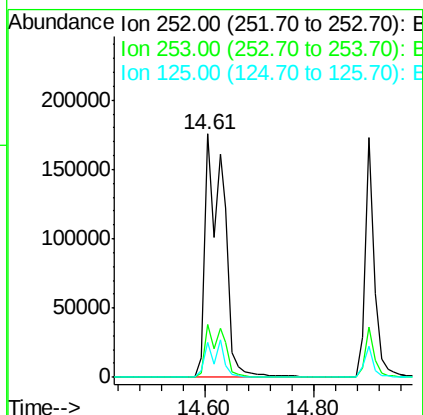
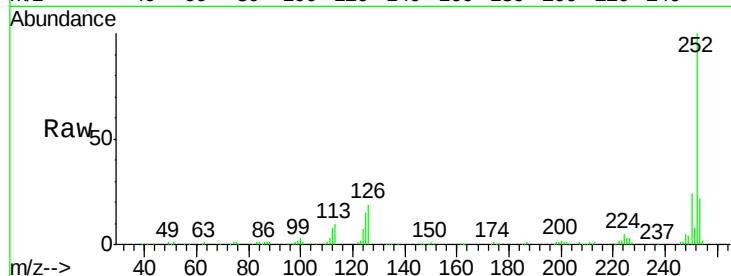




#87
Benzo(b)fluoranthene
Concen: 78.83 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

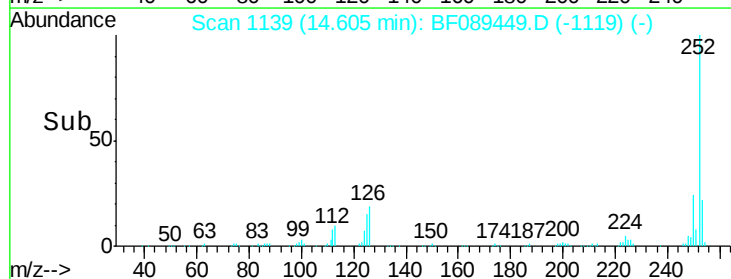
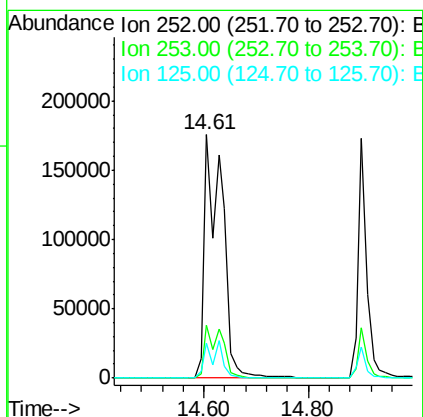
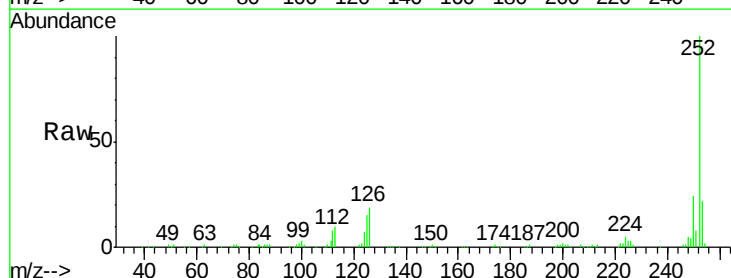
Instrument :
BNA_F
ClientSampled :

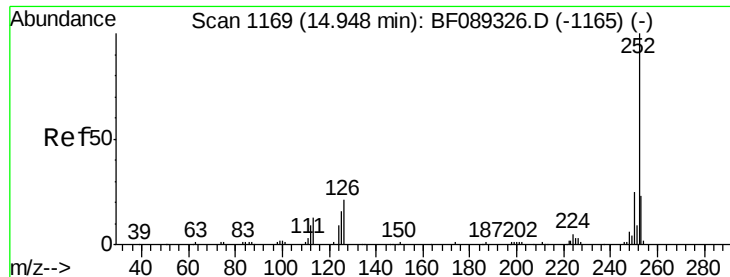
Tot Ion:252 Resp: 425750
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 14.6 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 85.79 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089449.D
Acq: 30 Jul 2016 13:13

Tgt Ion:252 Resp: 425970
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 14.6 10.7 16.1





#89

Benzo(a)pyrene

Concen: 42.36 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

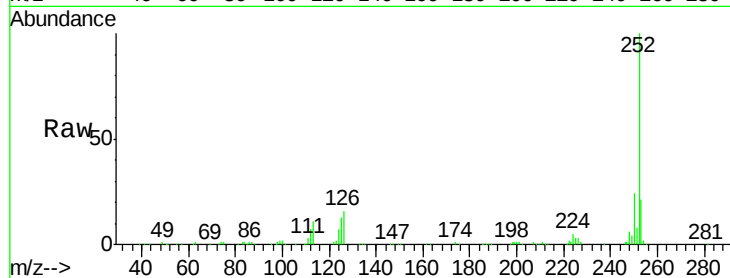
Tot Ion:252 Resp: 205230

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

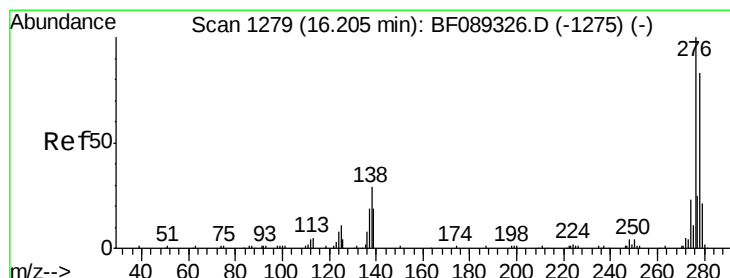
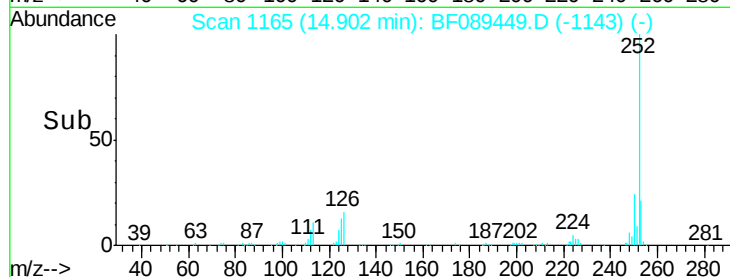
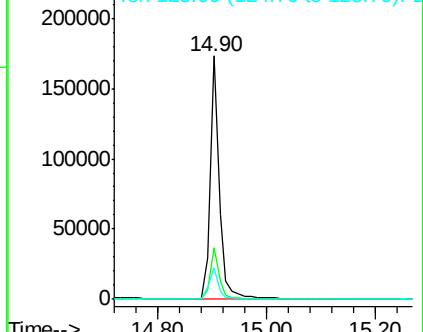
125 12.9 12.4 18.6



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



#90

Dibenzo(a,h)anthracene

Concen: 46.17 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.07 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

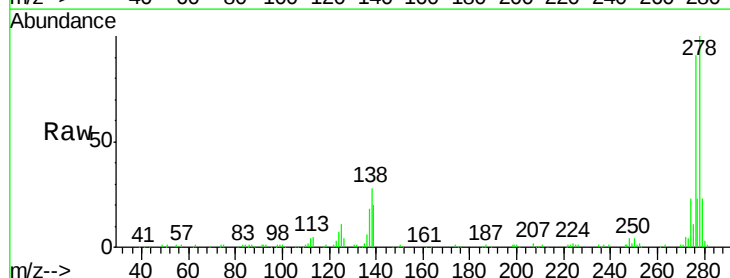
Tgt Ion:278 Resp: 176210

Ion Ratio Lower Upper

278 100

139 19.8 16.3 24.5

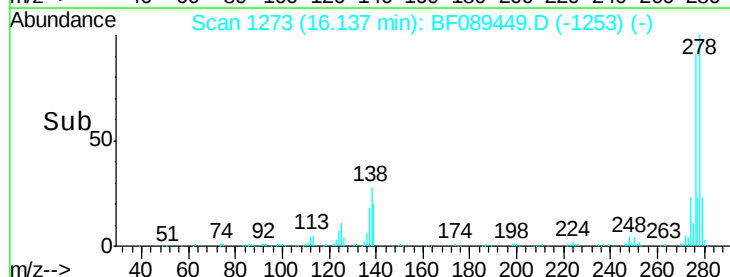
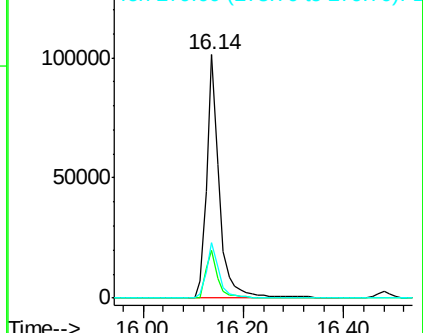
279 22.8 19.1 28.7

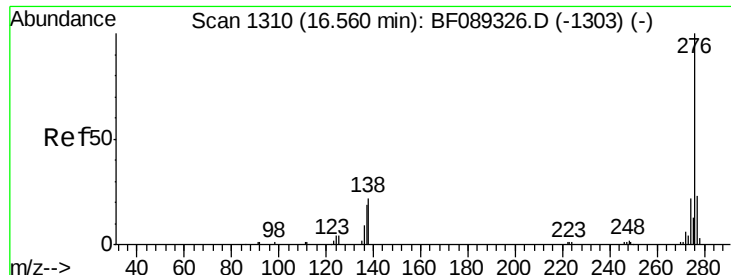


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.48 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.07 min

Lab File: BF089449.D

Acq: 30 Jul 2016 13:13

Instrument :

BNA_F

ClientSampleId :

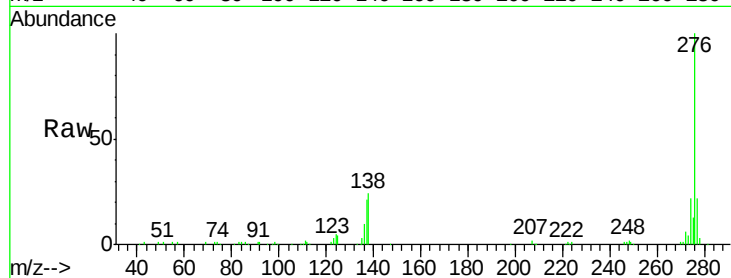
Tot Ion: 276 Resp: 181893

Ion Ratio Lower Upper

276 100

277 22.1 18.6 28.0

138 23.7 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

