

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089450.D
 Acq On : 30 Jul 2016 13:43
 Operator : UM/SJ
 Sample : H4221-04MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:07:03 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	46128	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	190013	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	86322	20.00	ng	-0.05
63) Phenanthrene-d10	11.01	188	151151	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	81328	20.00	ng	-0.05
86) Perylene-d12	14.95	264	81665	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	267557	92.61	ng	-0.03
7) Phenol-d6	6.17	99	350212	91.73	ng	-0.03
23) Nitrobenzene-d5	7.07	82	217619	67.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	63262	88.49	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	392563	66.74	ng	-0.05
78) Terphenyl-d14	12.58	244	233455	67.18	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	34671	25.19	ng	# 87
3) Pyridine	2.54	79	91531	32.38	ng	99
4) n-Nitrosodimethylamine	2.50	42	40990	37.28	ng	# 98
6) Aniline	6.17	93	102232	24.80	ng	# 82
8) 2-Chlorophenol	6.28	128	103960	31.81	ng	88
9) Benzaldehyde	6.04	77	60604	32.51	ng	98
10) Phenol	6.18	94	143987	34.18	ng	85
11) bis(2-Chloroethyl)ether	6.25	93	111172	31.06	ng	96
12) 1,3-Dichlorobenzene	6.43	146	104069	30.45	ng	97
13) 1,4-Dichlorobenzene	6.52	146	108972	28.89	ng	93
14) 1,2-Dichlorobenzene	6.67	146	110339	31.22	ng	98
15) Benzyl Alcohol	6.66	79	91883	38.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	120992	30.99	ng	92
17) 2-Methylphenol	6.79	107	77827	30.81	ng	96
18) Hexachloroethane	7.00	117	41581	28.75	ng	93
19) n-Nitroso-di-n-propylamine	6.94	70	84157	36.55	ng	92
20) 3+4-Methylphenols	6.95	107	110900	34.19	ng	# 87
22) Acetophenone	6.92	105	138891	30.70	ng	# 97
24) Nitrobenzene	7.10	77	119577	32.64	ng	95
25) Isophorone	7.34	82	200576	30.93	ng	97
26) 2-Nitrophenol	7.42	139	55659	33.98	ng	96
27) 2,4-Dimethylphenol	7.47	122	88206	33.80	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	132244	36.84	ng	98
29) 2,4-Dichlorophenol	7.67	162	80815	33.99	ng	96
30) 1,2,4-Trichlorobenzene	7.74	180	90780	33.46	ng	97
31) Naphthalene	7.82	128	301514	32.04	ng	99
32) Benzoic acid	7.60	122	3706	2.04	ng	# 70
33) 4-Chloroaniline	7.88	127	51918	14.49	ng	98
34) Hexachlorobutadiene	7.93	225	44230	28.46	ng	98
35) Caprolactam	8.26	113	22259	31.01	ng	95
36) 4-Chloro-3-methylphenol	8.38	107	98101	34.71	ng	99
37) 2-Methylnaphthalene	8.50	142	201270	35.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	75982	25.15	ng	99
40) Hexachlorocyclopentadiene	8.65	237	50956	61.50	ng	99

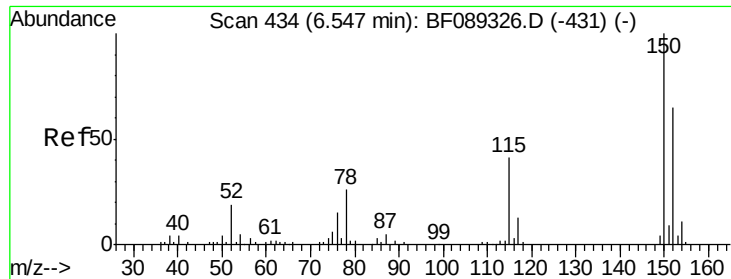
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089450.D
 Acq On : 30 Jul 2016 13:43
 Operator : UM/SJ
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Quant Time: Aug 01 01:07:03 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 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	53293	37.11	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	62754	34.50	nq	94
45) 1,1'-Biphenyl	8.97	154	204363	27.80	nq	95
46) 2-Chloronaphthalene	8.98	162	178178	32.28	nq	98
47) 2-Nitroaniline	9.10	65	57034	34.89	nq	90
48) Acenaphthylene	9.39	152	292012	33.59	nq	100
49) Dimethylphthalate	9.28	163	349010	53.12	nq	99
50) 2,6-Dinitrotoluene	9.34	165	42308	31.34	nq	# 70
51) Acenaphthene	9.56	154	173011	34.08	nq	99
52) 3-Nitroaniline	9.51	138	34706	24.36	nq	90
53) 2,4-Dinitrophenol	9.63	184	6403	19.97	nq	100
54) Dibenzofuran	9.74	168	252852	36.55	nq	98
55) 4-Nitrophenol	9.74	139	158688	217.23	nq	# 10
56) 2,4-Dinitrotoluene	9.75	165	55541	31.25	nq	# 60
57) Fluorene	10.08	166	198828	32.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	41974	34.56	nq	93
59) Diethylphthalate	9.98	149	258846	38.86	nq	96
60) 4-Chlorophenyl-phenylether	10.08	204	88390	31.91	nq	99
61) 4-Nitroaniline	10.12	138	42421	28.89	nq	85
62) Azobenzene	10.24	77	232728	33.93	nq	85
64) 4,6-Dinitro-2-methylphenol	10.15	198	16470	20.76	nq	# 36
65) n-Nitrosodiphenylamine	10.19	169	161291	34.20	nq	100
66) 4-Bromophenyl-phenylether	10.56	248	52771	36.57	nq	92
67) Hexachlorobenzene	10.62	284	46253	31.28	nq	# 85
68) Atrazine	10.74	200	50525	34.87	nq	97
69) Pentachlorophenol	10.82	266	36629	53.31	nq	98
70) Phenanthrene	11.03	178	267374	34.30	nq	99
71) Anthracene	11.07	178	269769	31.13	nq	99
72) Carbazole	11.25	167	230867	31.64	nq	99
73) Di-n-butylphthalate	11.59	149	296764	30.32	nq	98
74) Fluoranthene	12.21	202	239271	29.18	nq	100
76) Benzidine	12.34	184	29727	9.89	nq	# 1
77) Pyrene	12.42	202	216814	35.18	nq	99
79) Butylbenzylphthalate	13.06	149	92444	32.99	nq	95
80) Benzo(a)anthracene	13.61	228	153900	33.53	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	34828	21.09	nq	98
82) Chrysene	13.65	228	149609	30.62	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	126793	31.30	nq	# 94
84) Di-n-octyl phthalate	14.24	149	310146	49.06	nq	# 78
85) Indeno(1,2,3-cd)pyrene	16.13	276	180969	52.10	nq	99
87) Benzo(b)fluoranthene	14.63	252	290924	57.36	nq	99
88) Benzo(k)fluoranthene	14.63	252	291152	62.44	nq	99
89) Benzo(a)pyrene	14.90	252	144416	31.74	nq	97
90) Dibenzo(a,h)anthracene	16.14	278	147421	41.13	nq	99
91) Benzo(g,h,i)perylene	16.48	276	154980	43.99	nq	97

(#) = 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: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

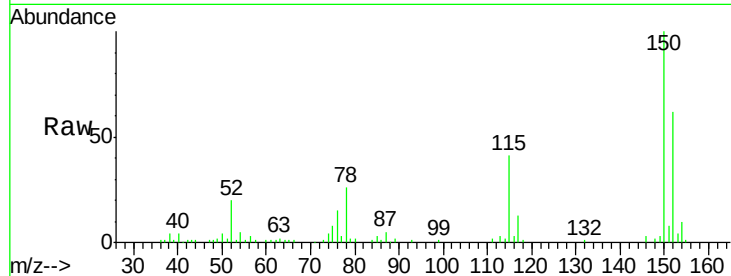
Tot Ion:152 Resp: 46128

Ion Ratio Lower Upper

152 100

150 161.0 129.5 194.3

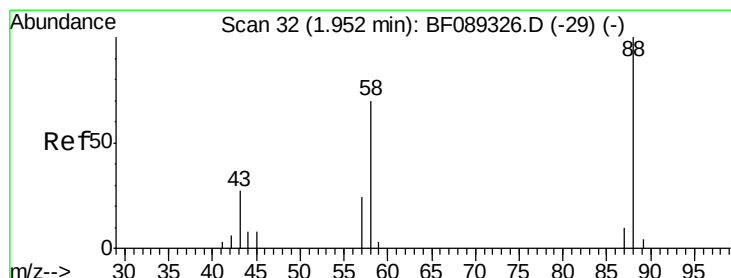
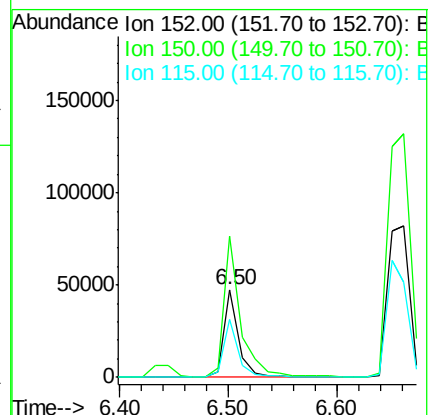
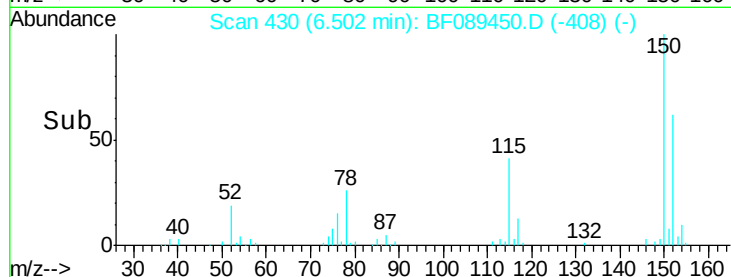
115 65.9 51.4 77.2



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: 25.19 ng

RT: 1.94 min Scan# 31

Delta R.T. -0.01 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

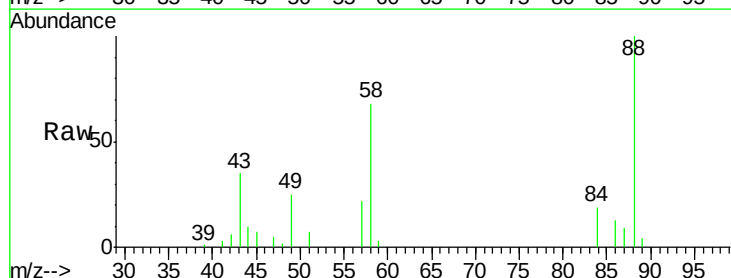
Tgt Ion: 88 Resp: 34671

Ion Ratio Lower Upper

88 100

58 74.7 53.2 79.8

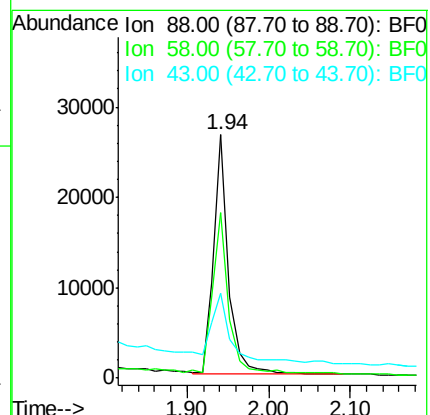
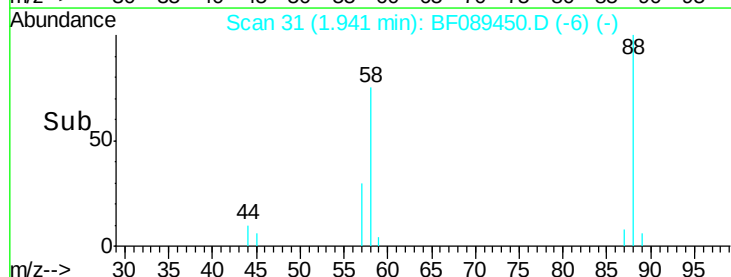
43 35.4 20.6 31.0#

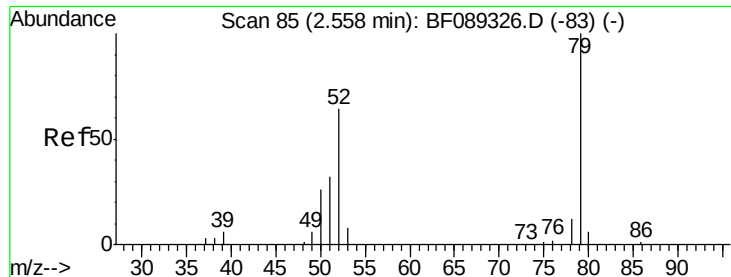


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.38 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

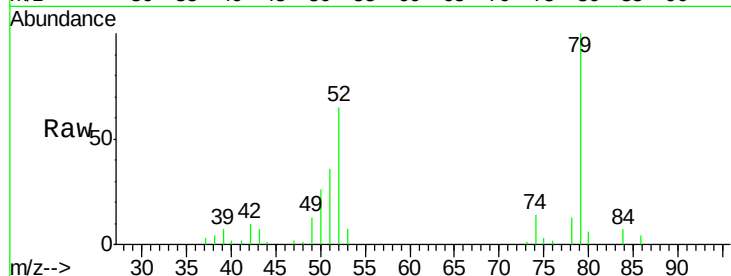
Tot Ion: 79 Resp: 91531

Ion Ratio Lower Upper

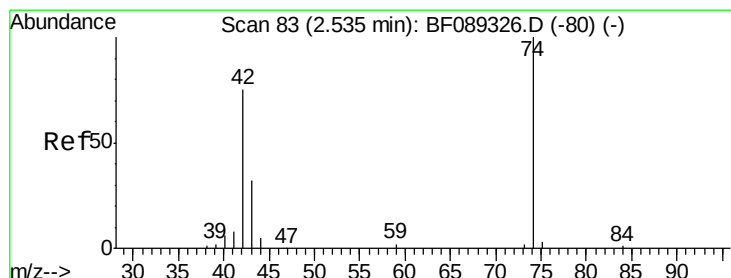
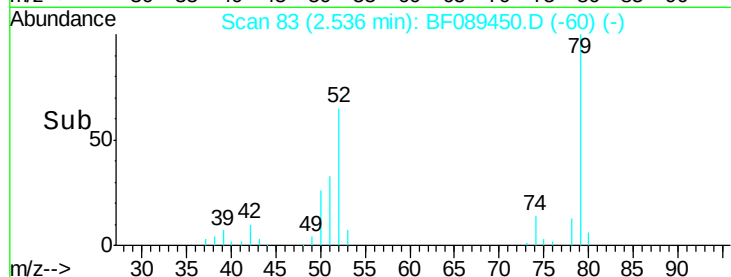
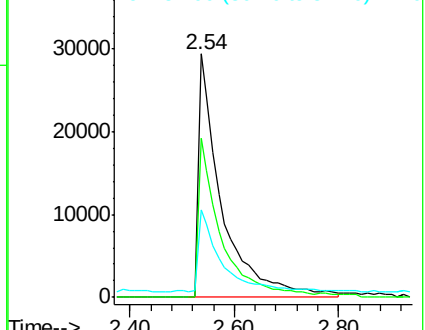
79 100

52 65.5 51.9 77.9

51 36.1 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: 37.28 ng

RT: 2.50 min Scan# 80

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

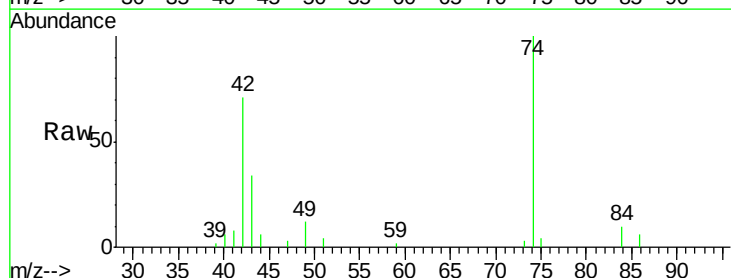
Tgt Ion: 42 Resp: 40990

Ion Ratio Lower Upper

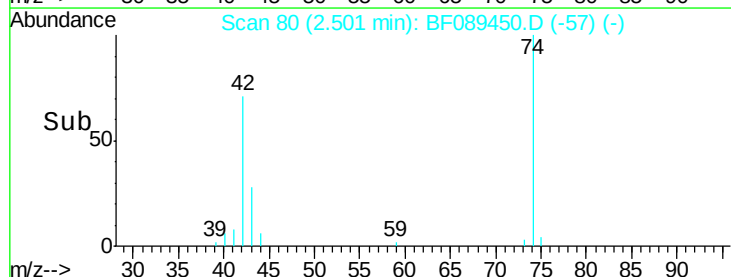
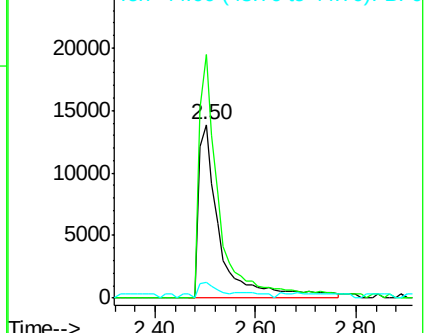
42 100

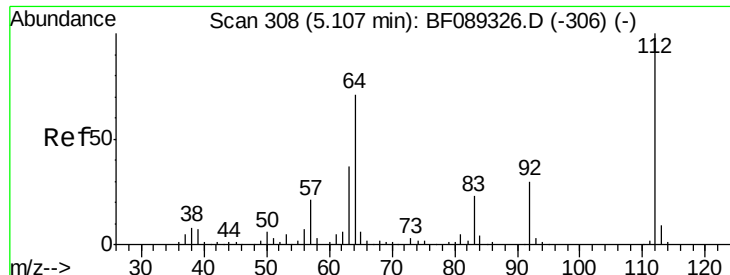
74 140.3 110.8 166.2

44 8.9 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: 92.61 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampled :

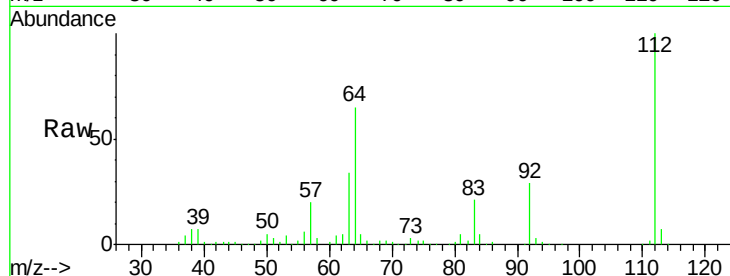
Tot Ion:112 Resp: 267557

Ion Ratio Lower Upper

112 100

64 65.0 55.0 82.6

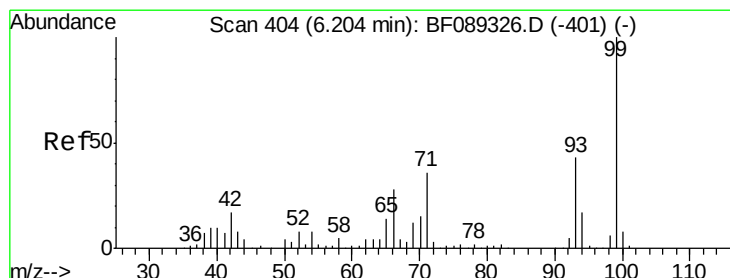
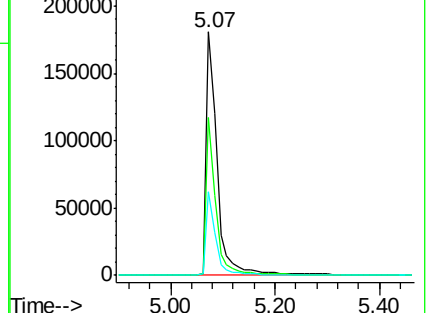
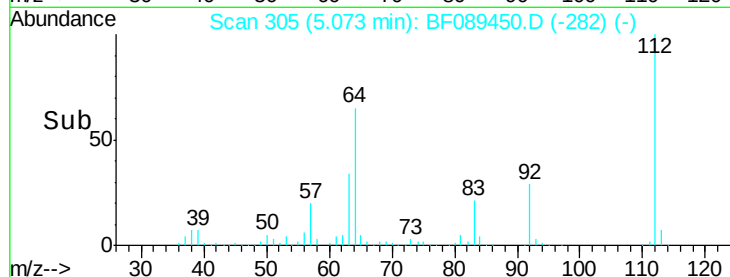
63 34.4 29.4 44.2



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: 24.80 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

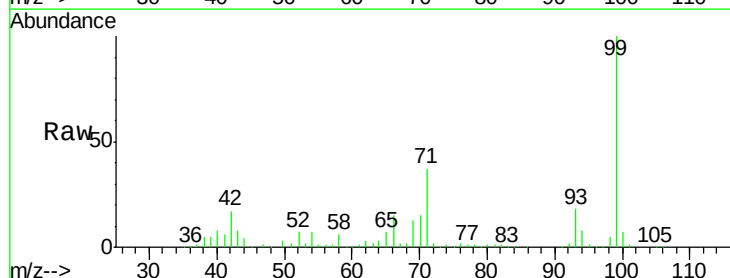
Tgt Ion: 93 Resp: 102232

Ion Ratio Lower Upper

93 100

66 82.2 51.6 77.4#

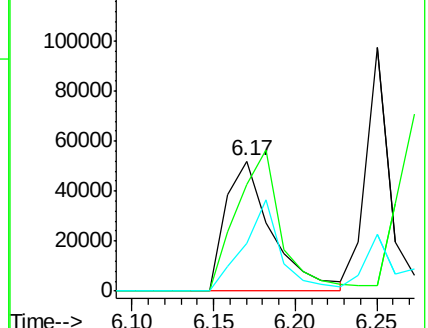
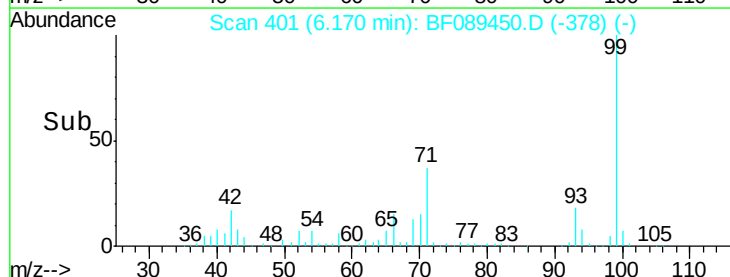
65 36.2 24.7 37.1

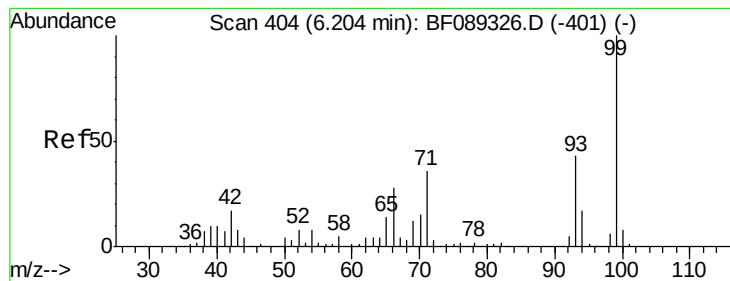


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.73 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

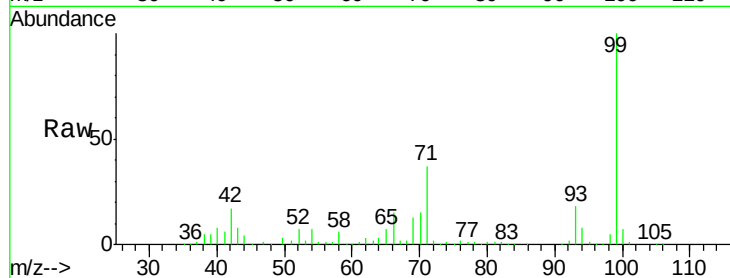
Tot Ion: 99 Resp: 350212

Ion Ratio Lower Upper

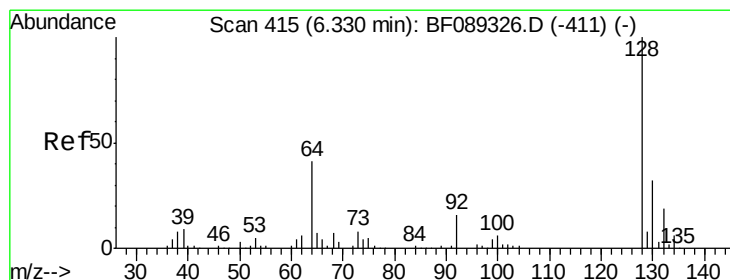
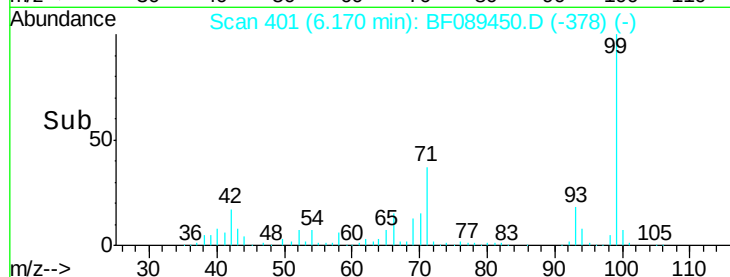
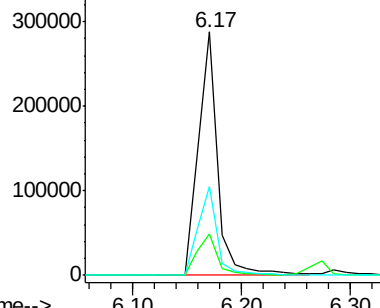
99 100

42 17.0 13.6 20.4

71 36.6 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: 31.81 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

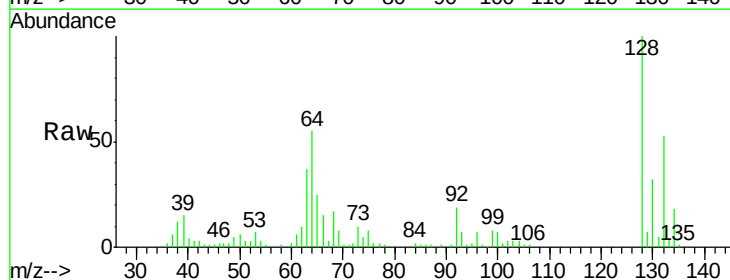
Tgt Ion: 128 Resp: 103960

Ion Ratio Lower Upper

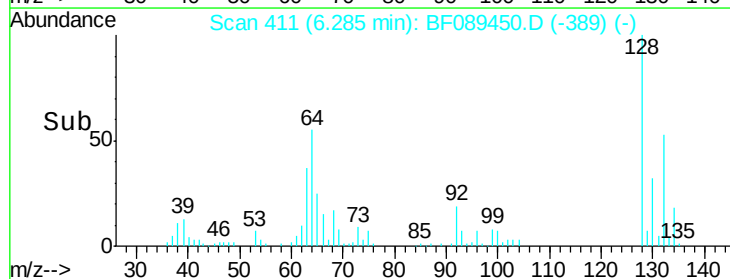
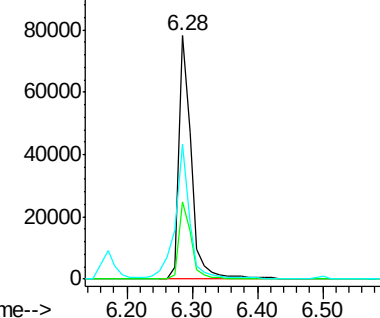
128 100

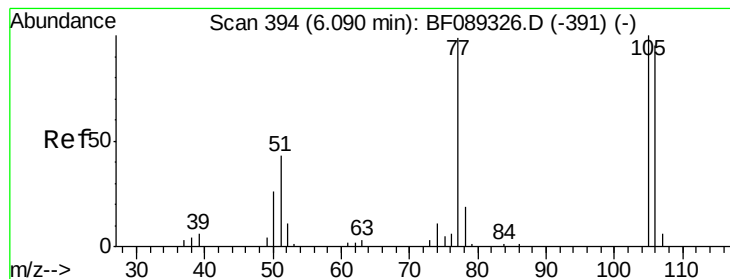
130 31.7 12.6 52.6

64 55.4 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: 32.51 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

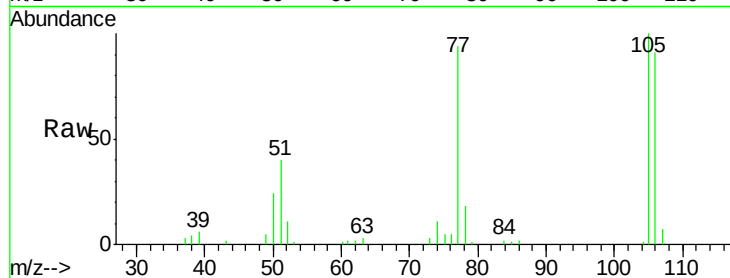
Tot Ion: 77 Resp: 60604

Ion Ratio Lower Upper

77 100

105 106.3 82.9 122.9

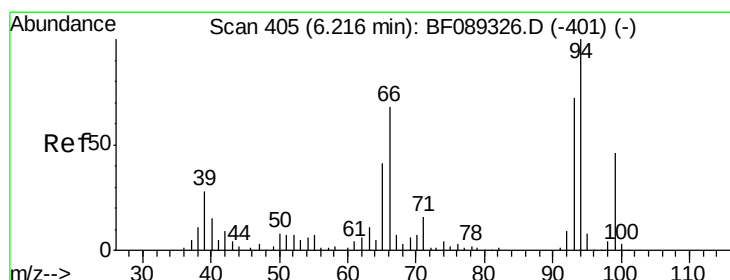
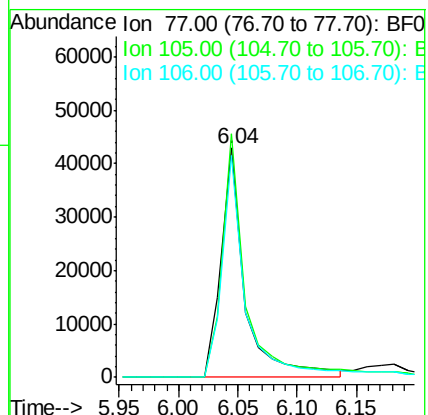
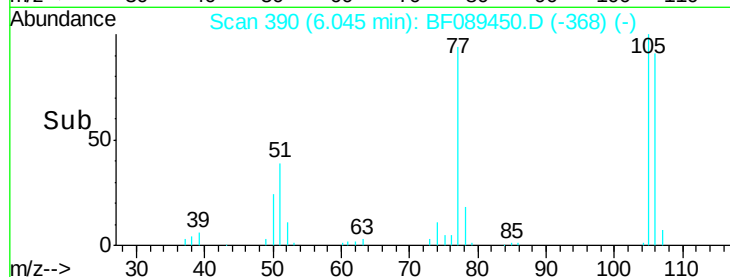
106 96.6 75.9 115.9



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: 34.18 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

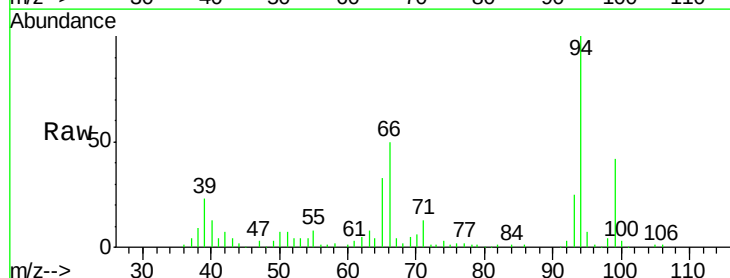
Tgt Ion: 94 Resp: 143987

Ion Ratio Lower Upper

94 100

65 32.9 19.1 59.1

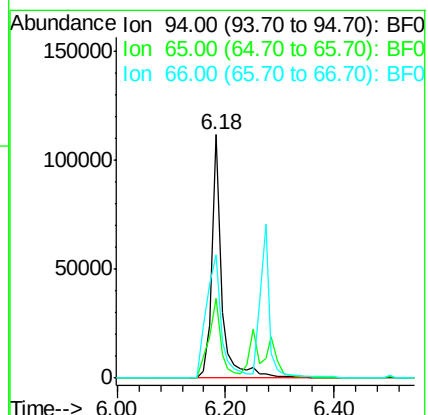
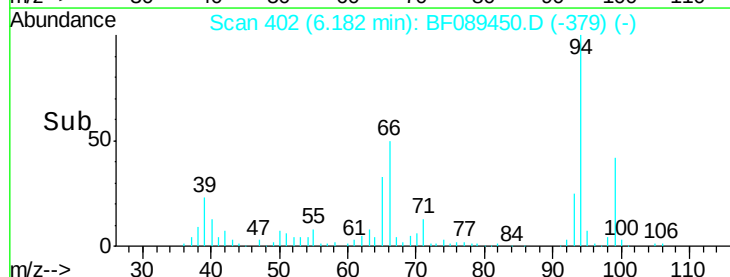
66 50.4 44.4 84.4

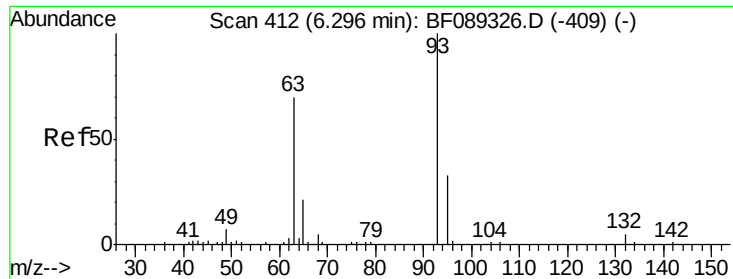


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

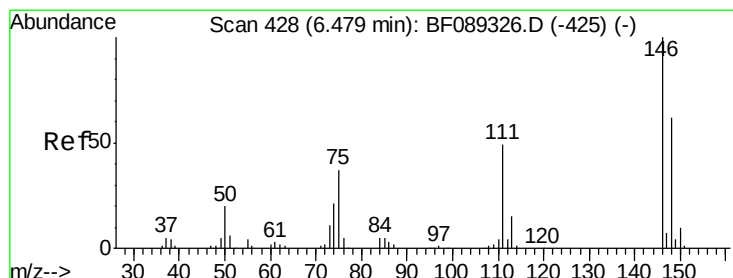
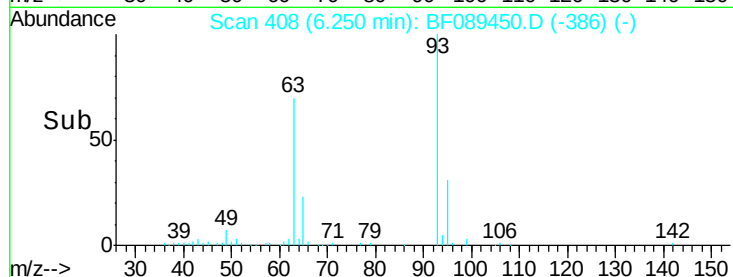
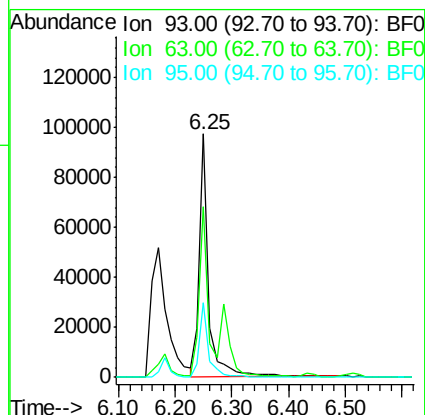
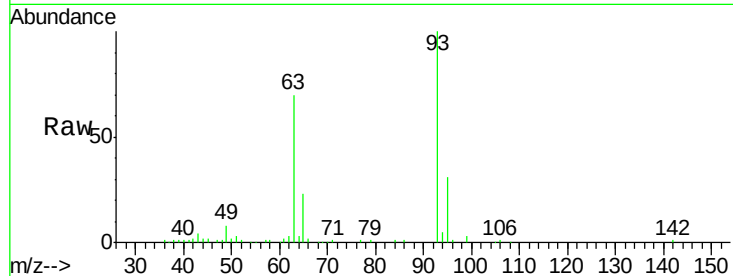




#11
bis(2-Chloroethyl)ether
Concen: 31.06 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

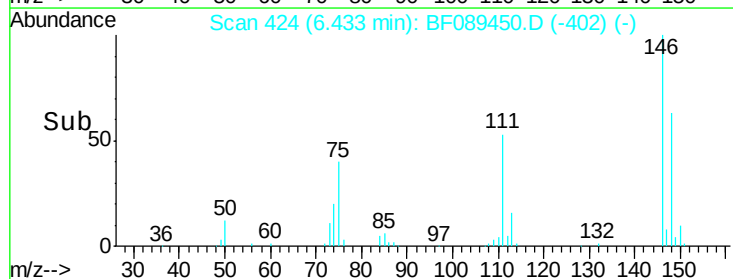
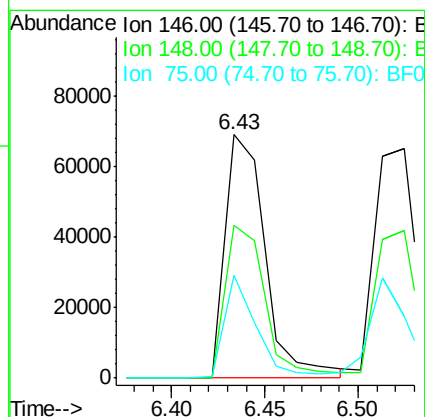
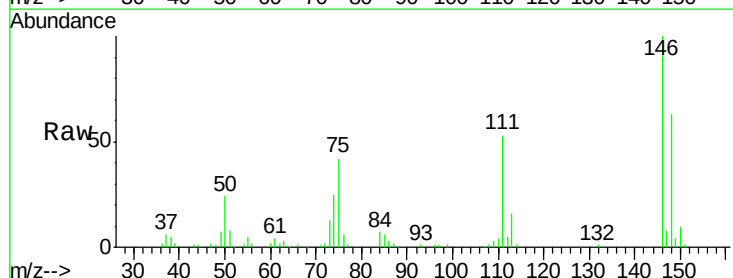
Instrument :
BNA_F
ClientSampleId :

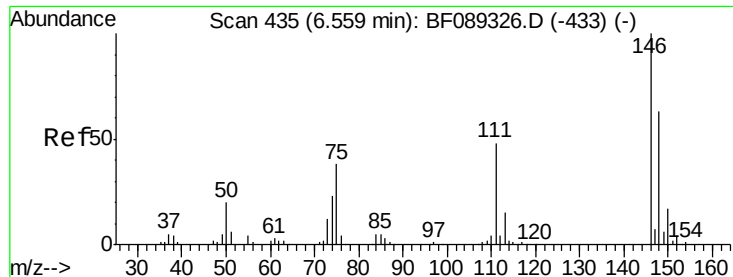
Tot Ion: 93 Resp: 111172
Ion Ratio Lower Upper
93 100
63 69.9 45.6 85.6
95 30.5 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 30.45 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion: 146 Resp: 104069
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 42.0 30.0 45.0

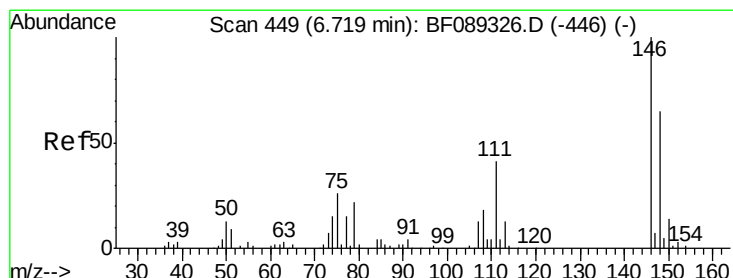
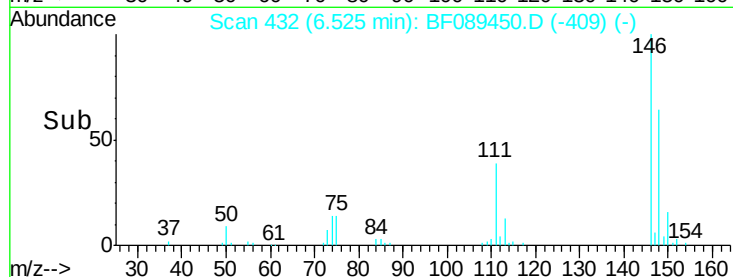
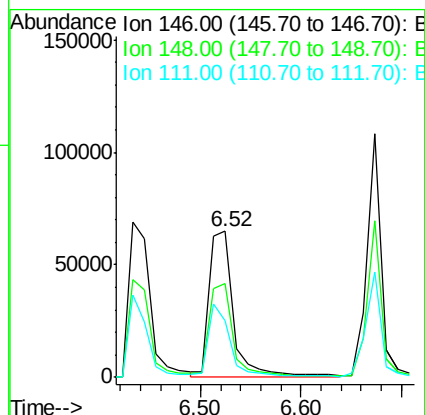
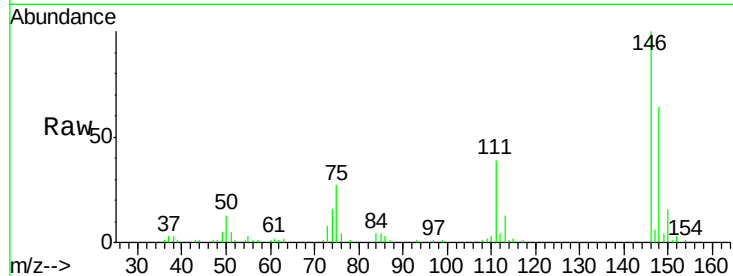




#13
1,4-Dichlorobenzene
Concen: 28.89 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

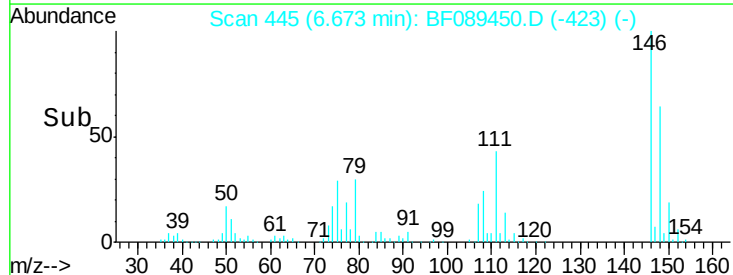
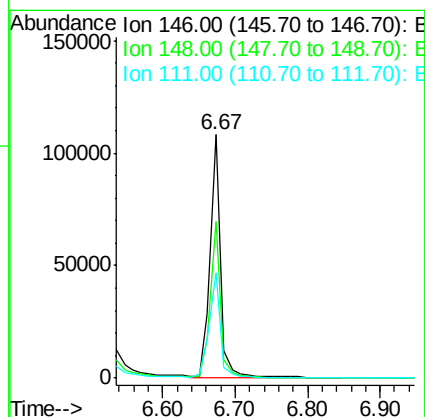
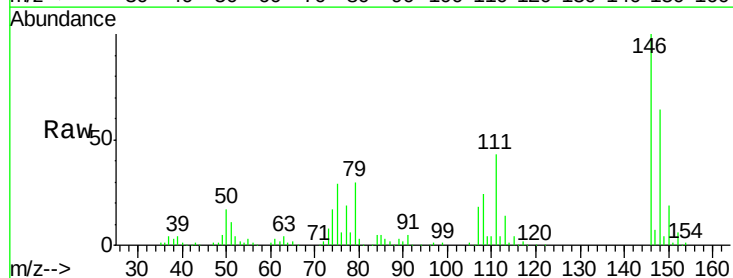
Instrument :
BNA_F
ClientSampled :

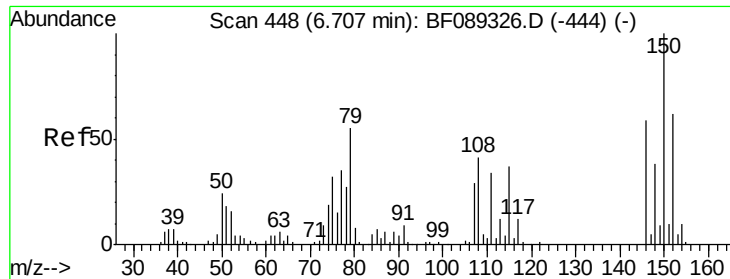
Tot Ion:146 Resp: 108972
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 38.8 38.6 57.8



#14
1,2-Dichlorobenzene
Concen: 31.22 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:146 Resp: 110339
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 43.1 33.0 49.4

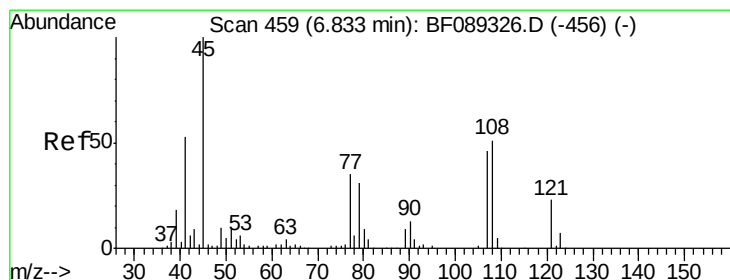
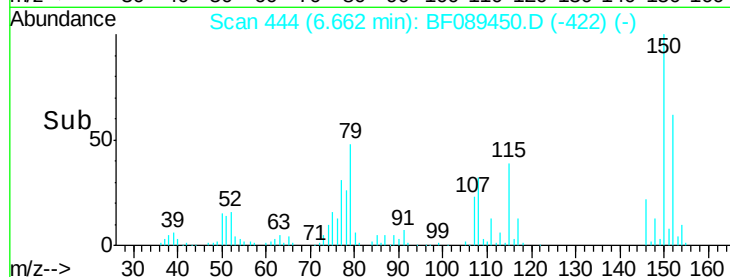
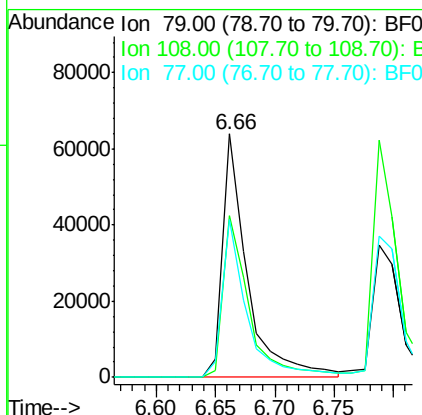
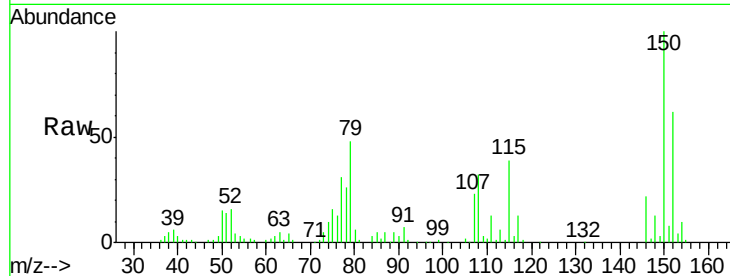




#15
Benzyl Alcohol
Concen: 38.78 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

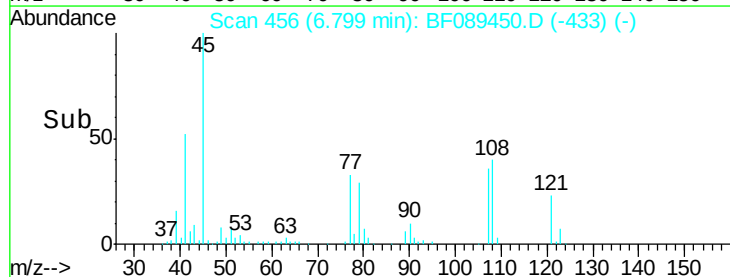
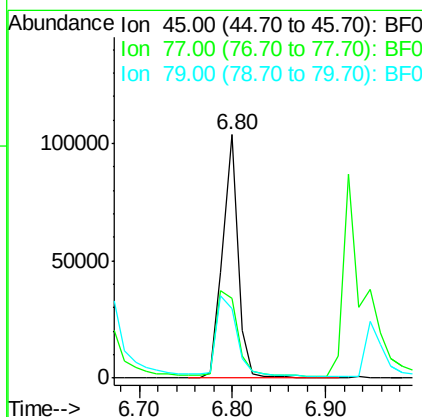
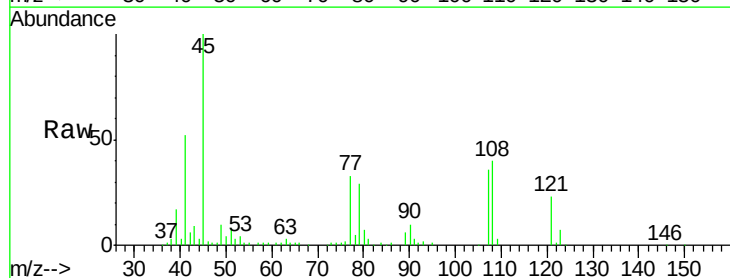
Instrument :
BNA_F
ClientSampleID :

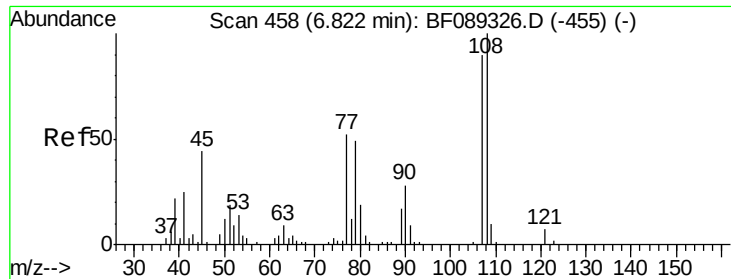
Tot Ion: 79 Resp: 91883
Ion Ratio Lower Upper
79 100
108 66.6 59.8 89.6
77 64.9 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.99 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion: 45 Resp: 120992
Ion Ratio Lower Upper
45 100
77 32.6 17.3 57.3
79 28.7 13.9 53.9

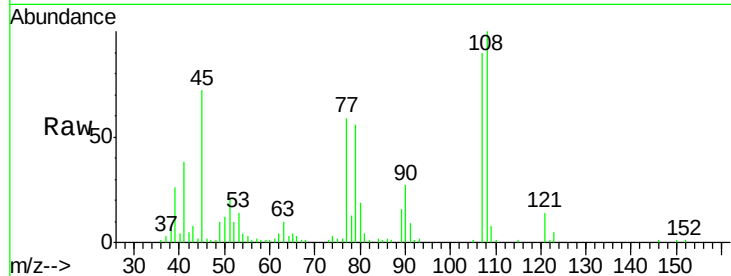




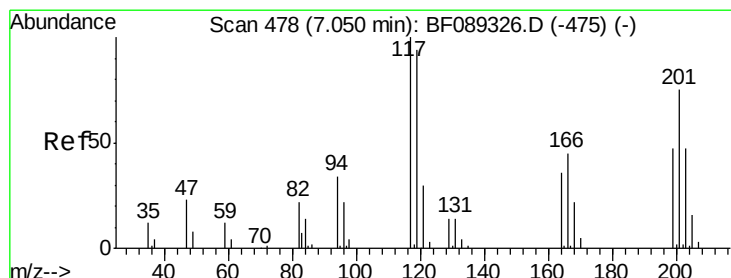
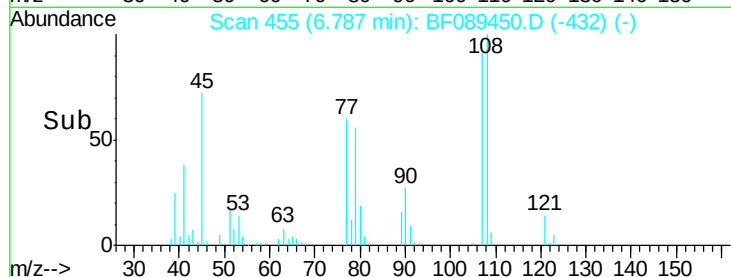
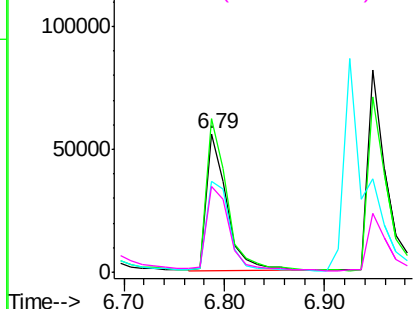
#17
2-Methylphenol
Concen: 30.81 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 77827
Ion Ratio Lower Upper
107 100
108 110.9 91.4 137.0
77 65.8 48.6 73.0
79 61.9 48.2 72.4

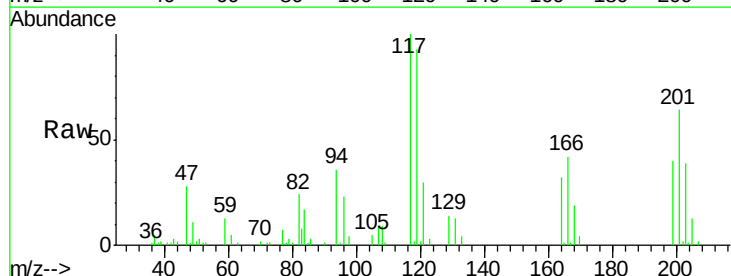


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

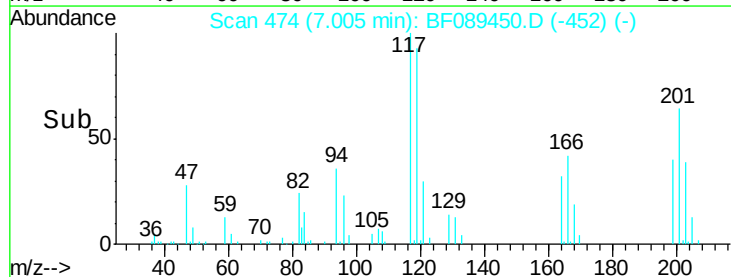
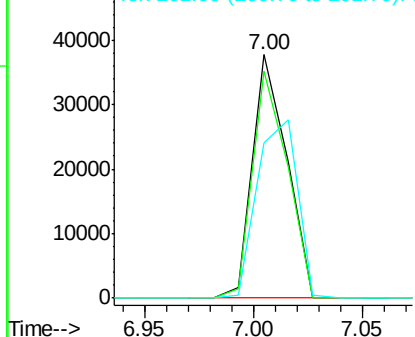


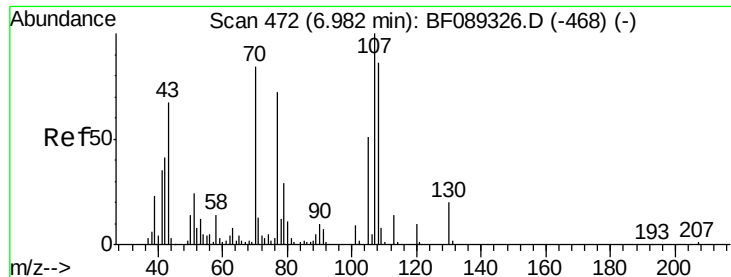
#18
Hexachloroethane
Concen: 28.75 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:117 Resp: 41581
Ion Ratio Lower Upper
117 100
119 93.3 76.0 114.0
201 63.7 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

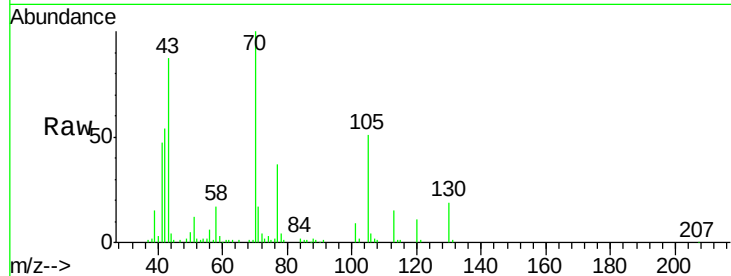




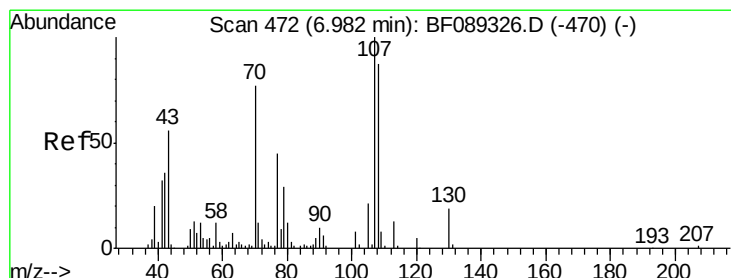
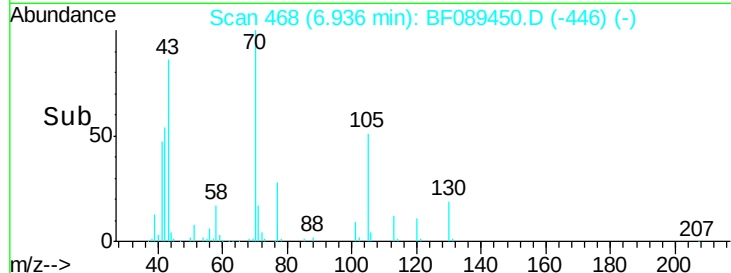
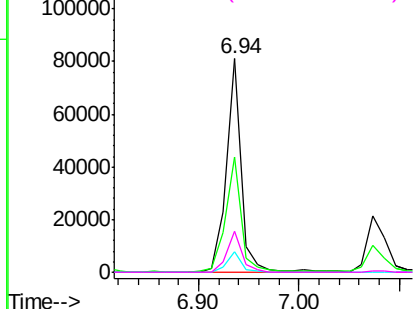
#19
n-Nitroso-di-n-propylamine
Concen: 36.55 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84157
Ion Ratio Lower Upper
70 100
42 54.2 38.6 57.8
101 9.4 8.3 12.5
130 19.2 19.0 28.4

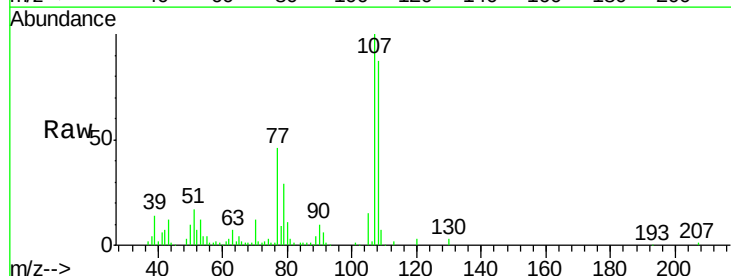


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

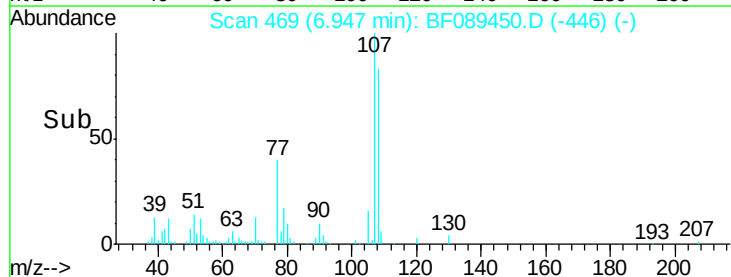
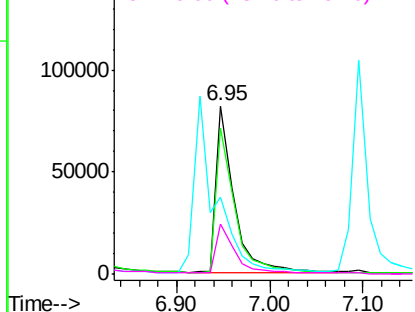


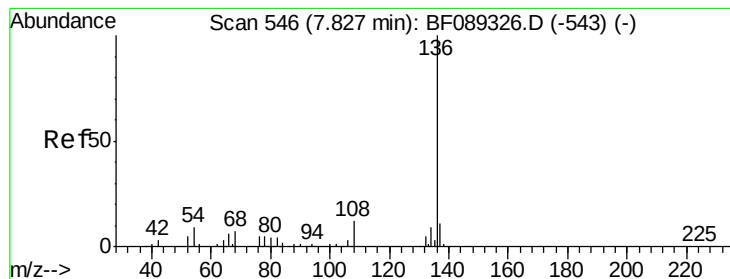
#20
3+4-Methylphenols
Concen: 34.19 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:107 Resp: 110900
Ion Ratio Lower Upper
107 100
108 86.8 63.3 103.3
77 46.1 51.1 91.1#
79 29.4 9.3 49.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089450.D

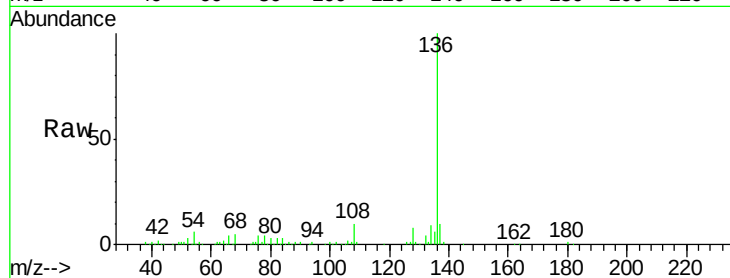
Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	190013
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 13.0
54	5.7	7.0 10.4#
68	4.9	4.9 7.3

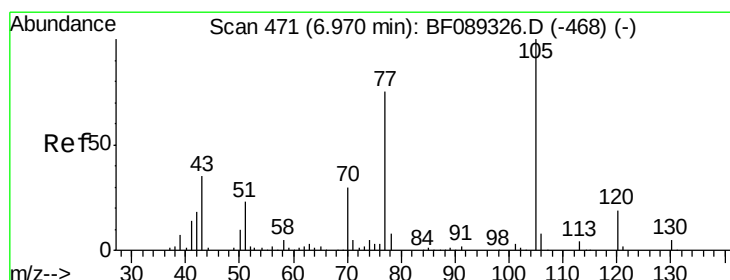
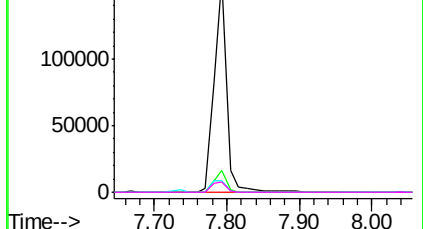
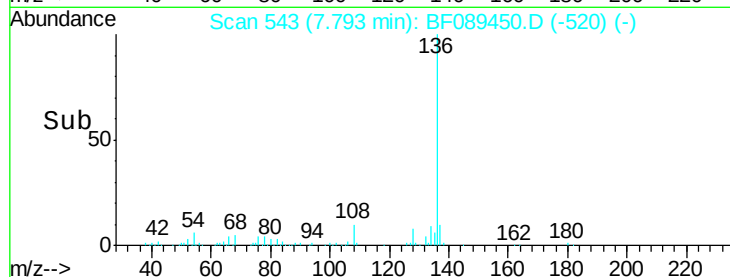


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.70 ng

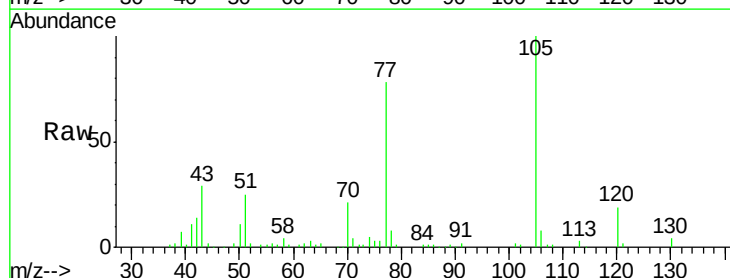
RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Tgt Ion:105	Resp:	138891
Ion Ratio	Lower	Upper
105	100	
71	3.6	4.2 6.2#
51	25.2	18.7 28.1
120	18.9	15.8 23.6

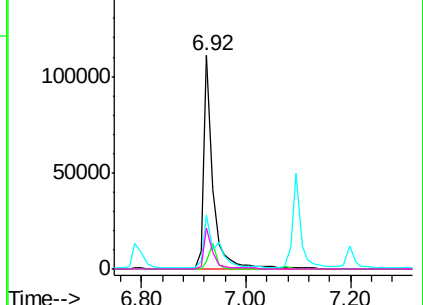
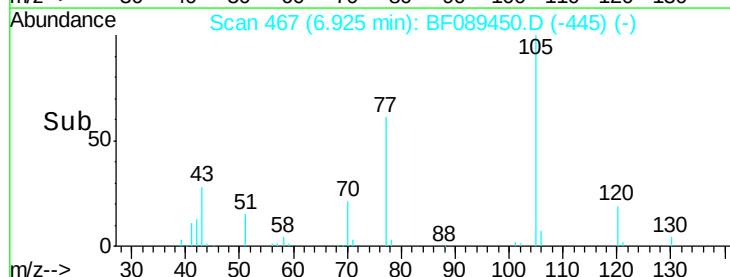


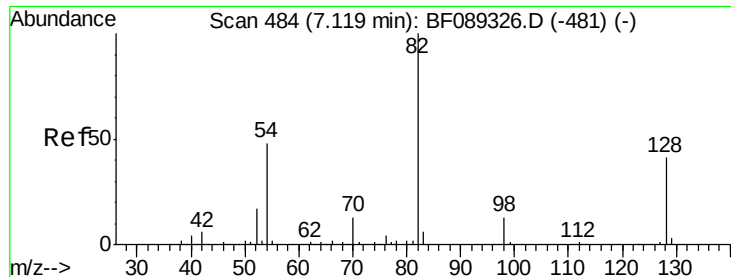
Abundance Ion 105.00 (104.70 to 105.70): E

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

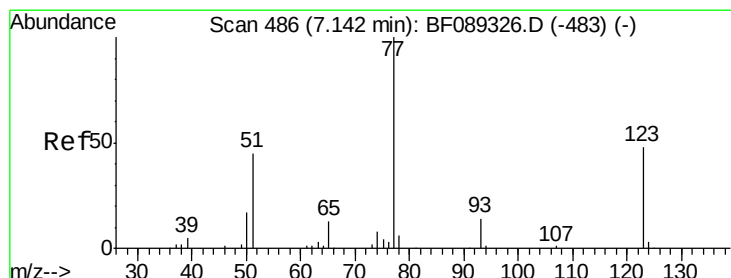
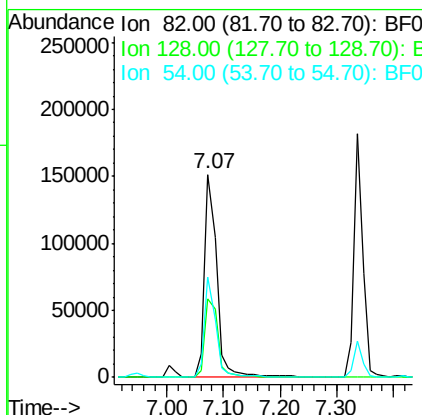
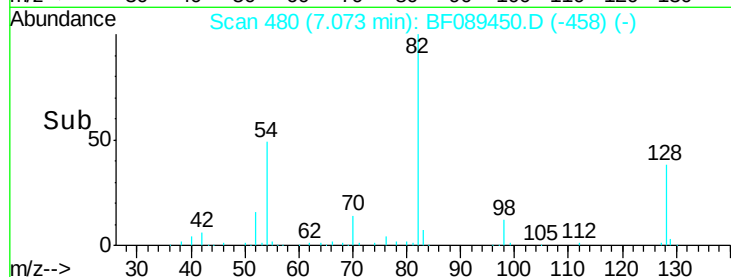
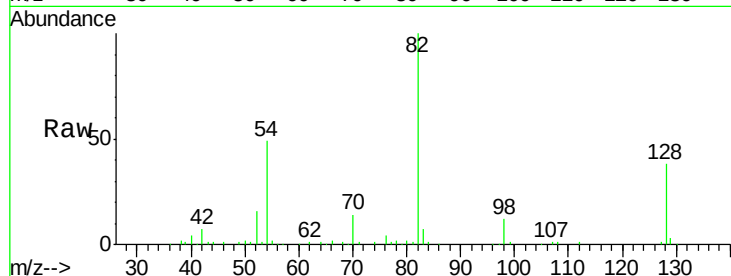




#23
Nitrobenzene-d5
Concen: 67.60 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

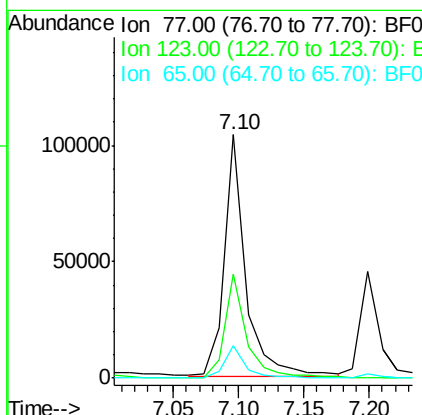
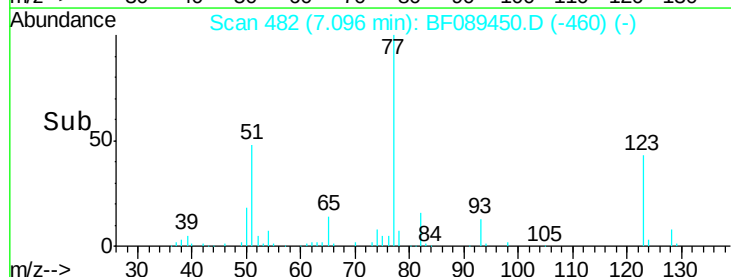
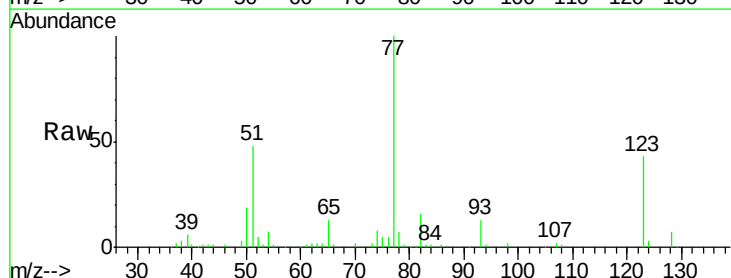
Instrument :
BNA_F
ClientSampled :

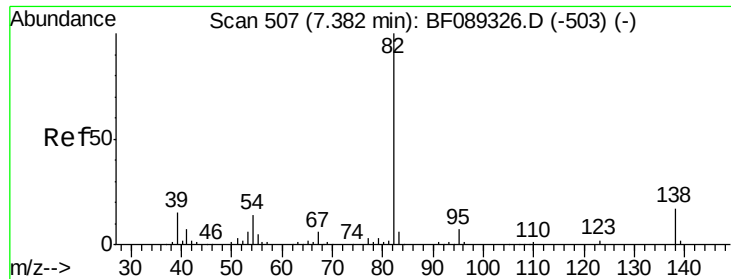
Tot Ion	82	Resp	217619
Ion Ratio	100	Lower	Upper
128	38.4	32.5	48.7
54	49.2	38.8	58.2



#24
Nitrobenzene
Concen: 32.64 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion	77	Resp	119577
Ion Ratio	100	Lower	Upper
123	42.7	37.2	55.8
65	13.4	10.2	15.4





#25

Isophorone

Concen: 30.93 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampled :

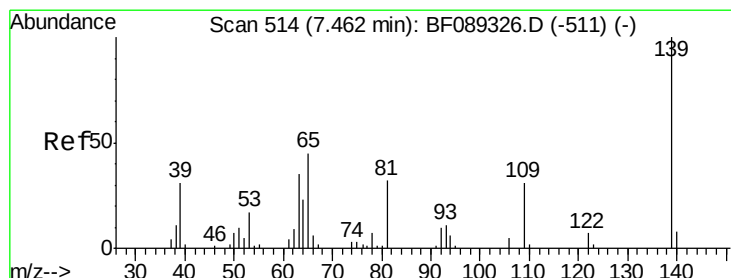
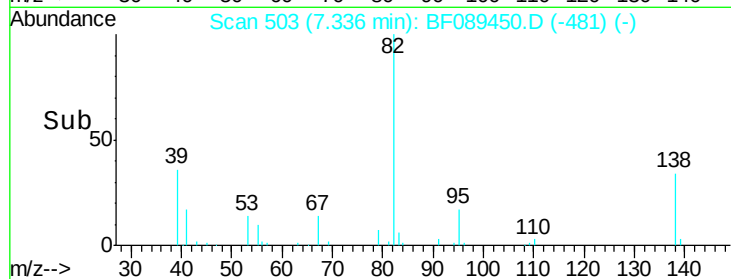
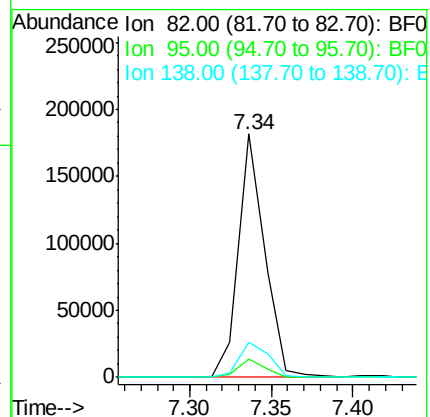
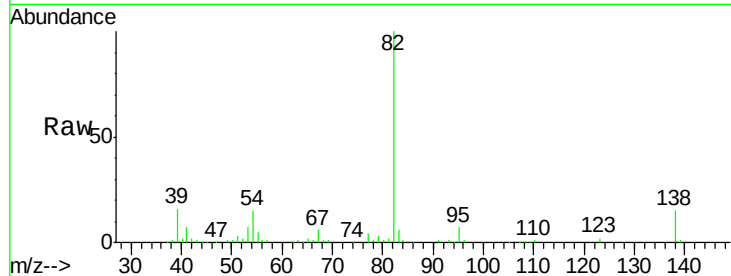
Tot Ion: 82 Resp: 200576

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 14.6 13.3 19.9



#26

2-Nitrophenol

Concen: 33.98 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

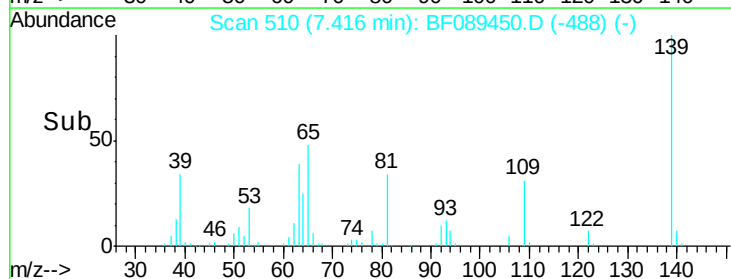
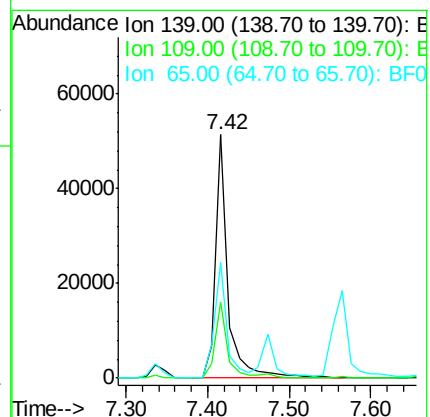
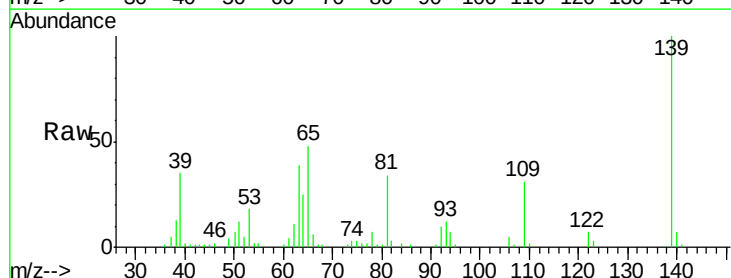
Tgt Ion: 139 Resp: 55659

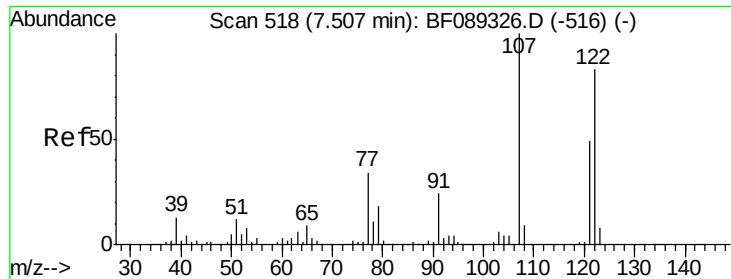
Ion Ratio Lower Upper

139 100

109 31.0 25.8 38.8

65 47.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 33.80 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampled :

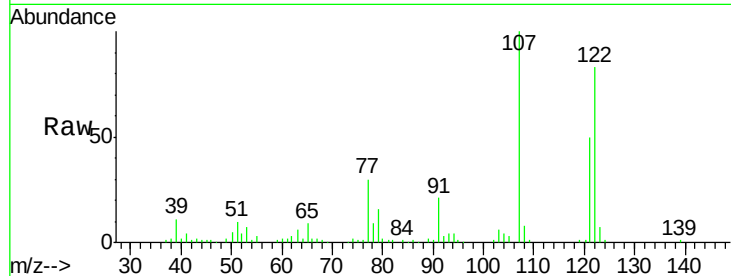
Tot Ion:122 Resp: 88206

Ion Ratio Lower Upper

122 100

107 120.3 97.2 145.8

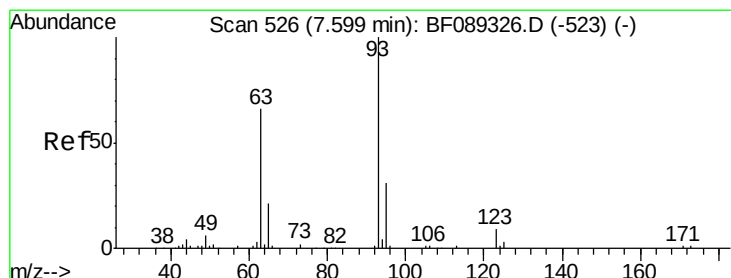
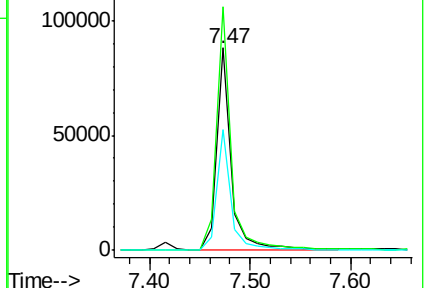
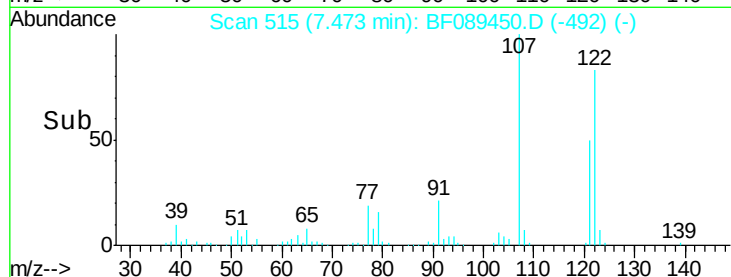
121 59.8 48.8 73.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.84 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

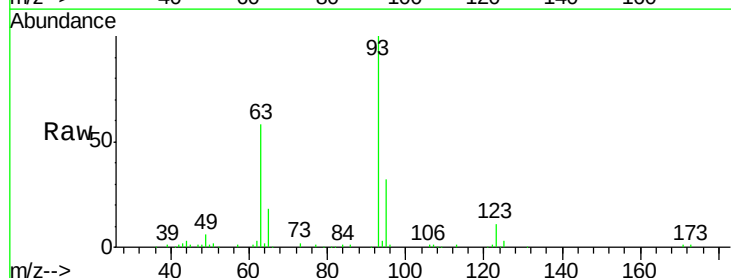
Tgt Ion: 93 Resp: 132244

Ion Ratio Lower Upper

93 100

95 31.8 24.7 37.1

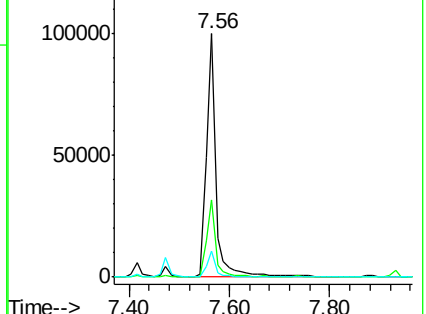
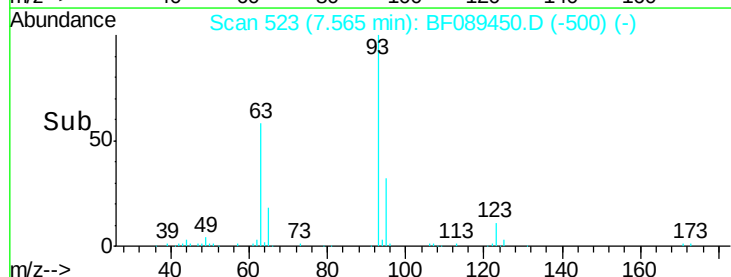
123 10.7 7.5 11.3

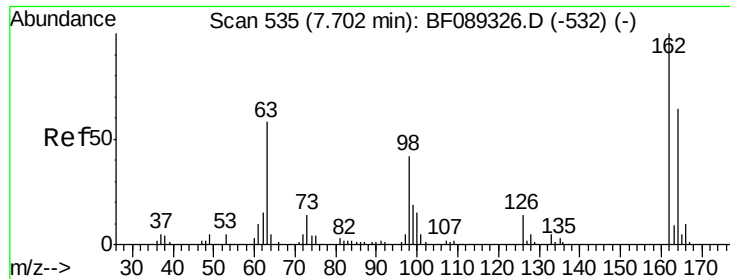


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

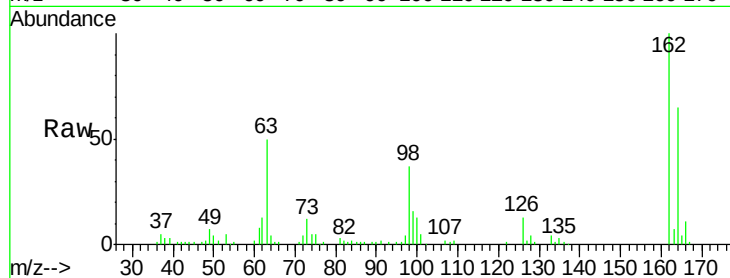




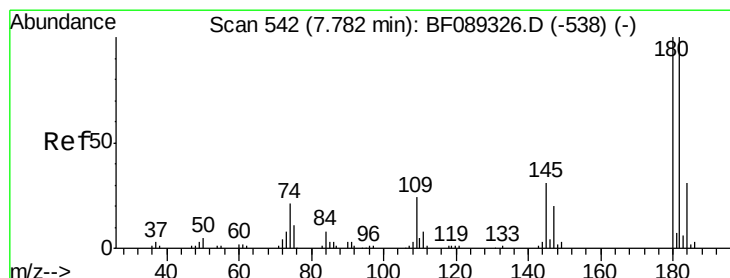
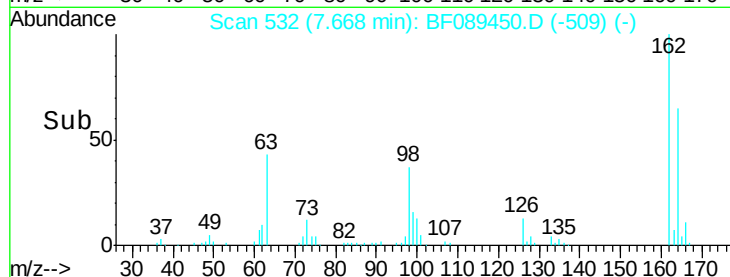
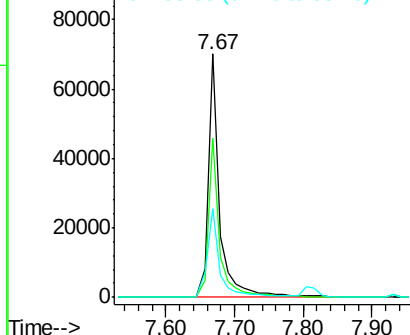
#29
2,4-Dichlorophenol
Concen: 33.99 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 80815
Ion Ratio Lower Upper
162 100
164 65.3 44.0 84.0
98 36.5 21.8 61.8

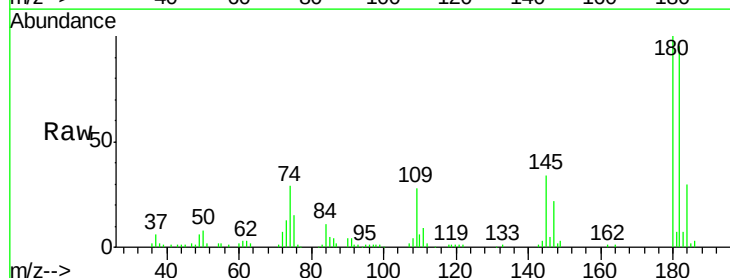


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

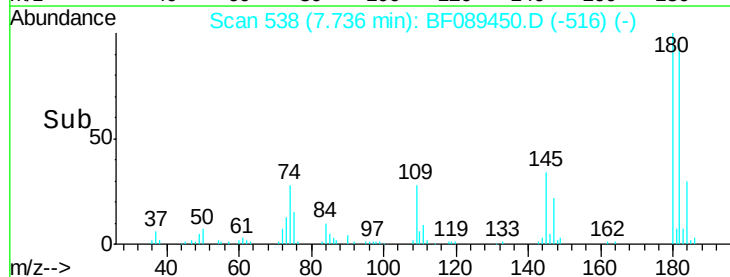
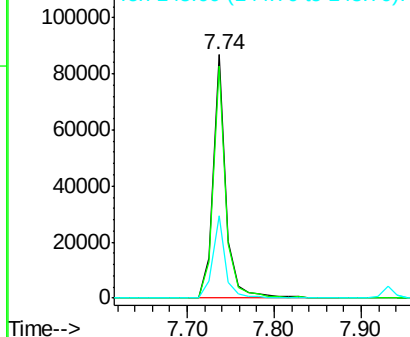


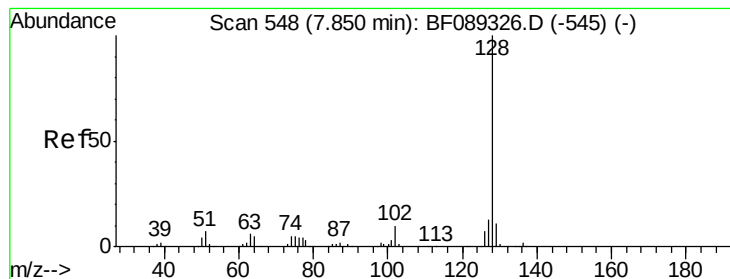
#30
1,2,4-Trichlorobenzene
Concen: 33.46 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:180 Resp: 90780
Ion Ratio Lower Upper
180 100
182 95.3 78.2 117.2
145 33.6 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: 32.04 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

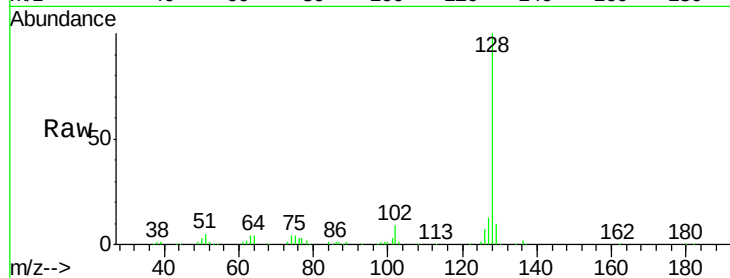
Tot Ion:128 Resp: 301514

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

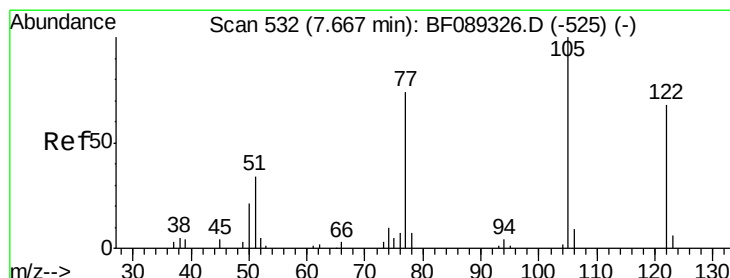
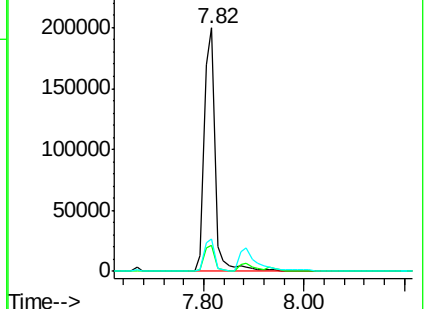
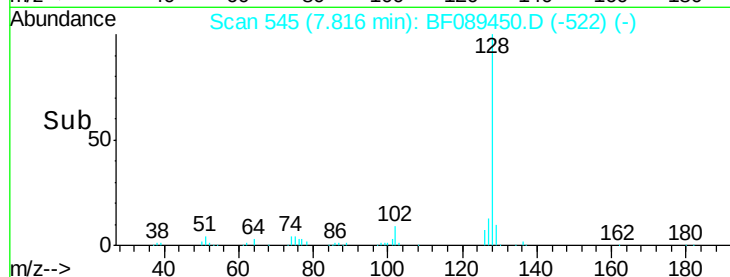
127 13.4 10.8 16.2



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: 2.04 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

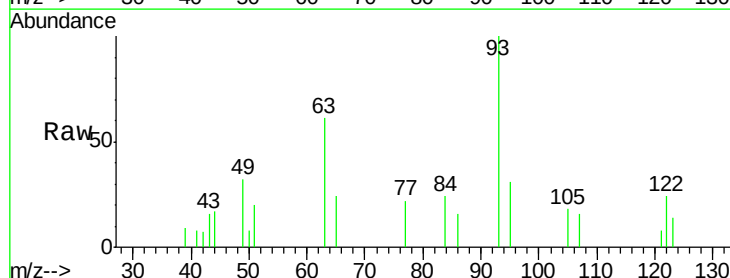
Tgt Ion:122 Resp: 3706

Ion Ratio Lower Upper

122 100

105 71.9 106.4 146.4#

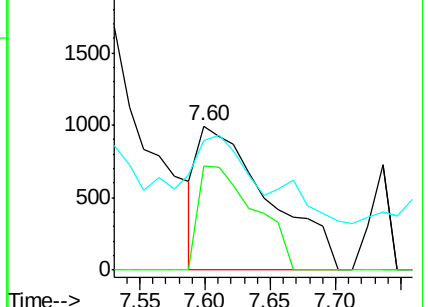
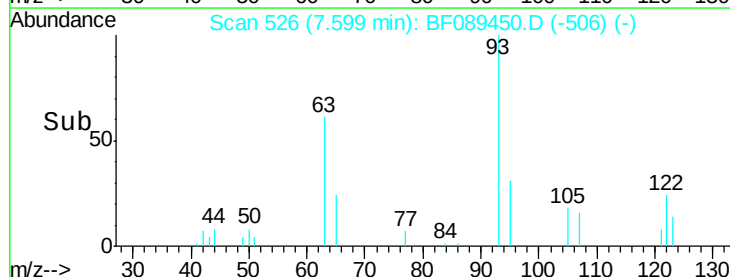
77 89.6 76.4 116.4

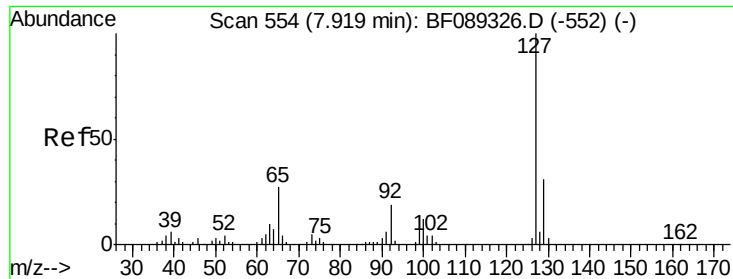


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

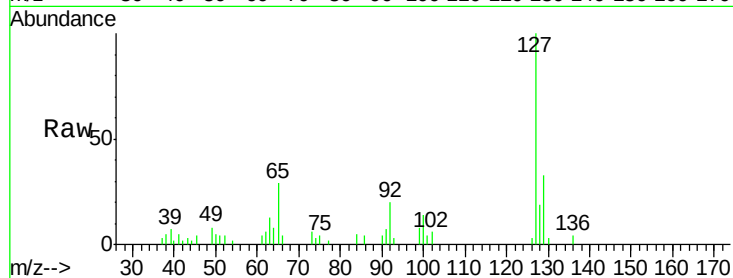




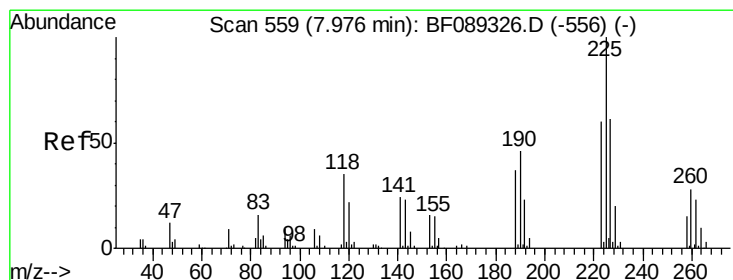
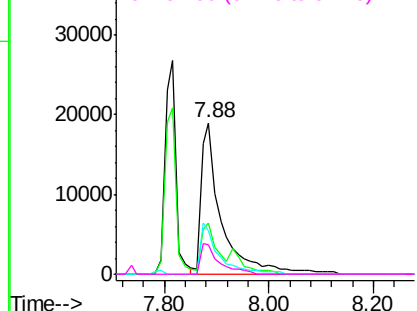
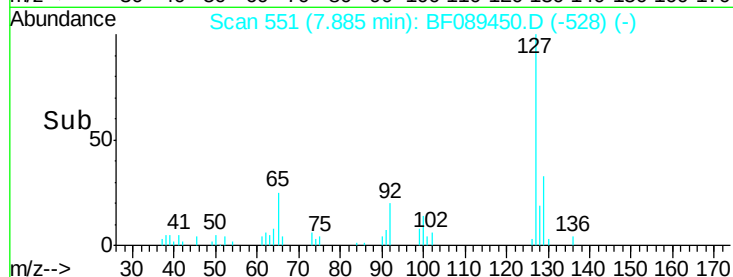
#33
4-Chloroaniline
Concen: 14.49 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	51918
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	28.6	22.0	33.0
92	19.6	15.2	22.8

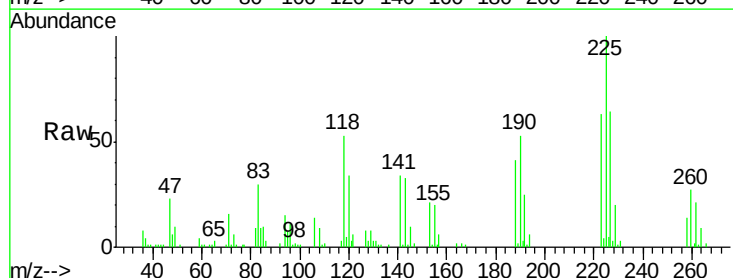


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

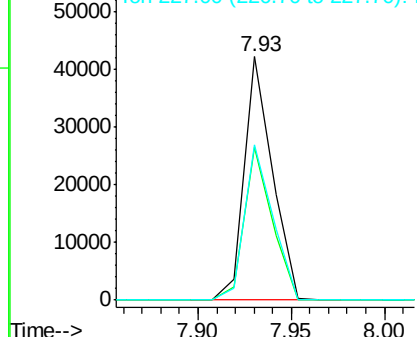
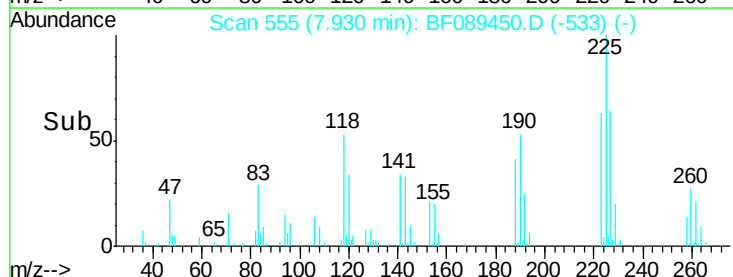


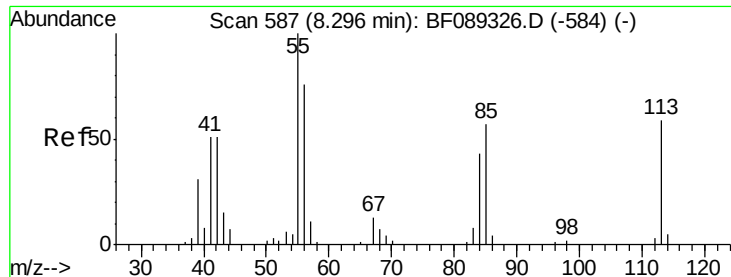
#34
Hexachlorobutadiene
Concen: 28.46 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:	225	Resp:	44230
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	63.6	49.4	74.2



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

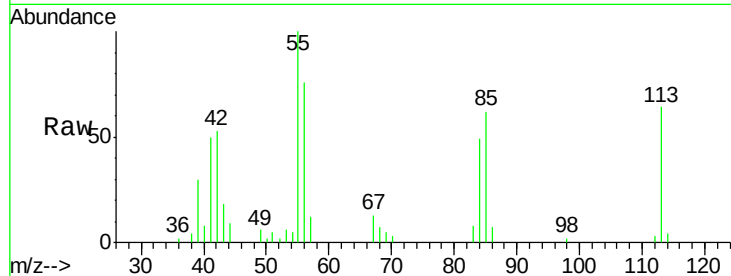




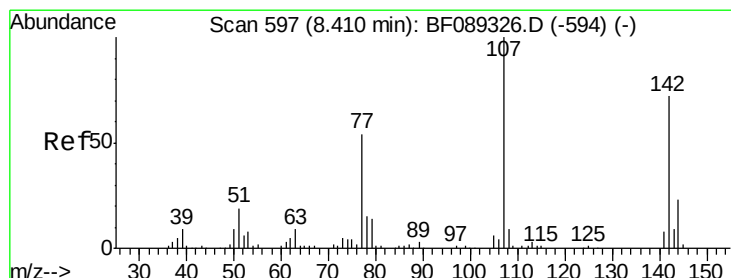
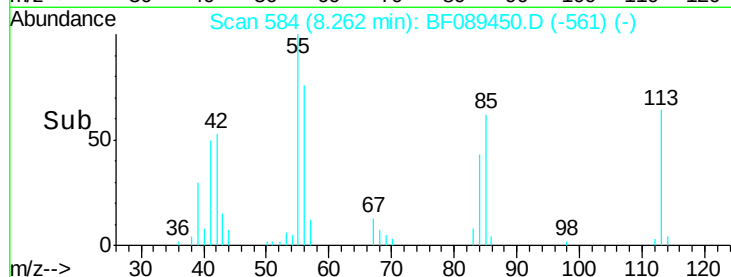
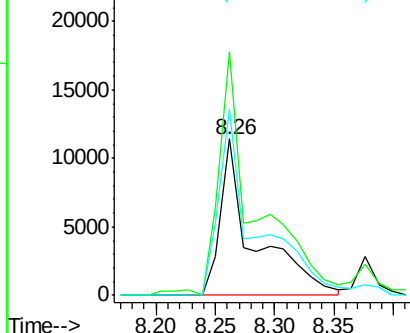
#35
 Caprolactam
 Concen: 31.01 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 22259
 Ion Ratio Lower Upper
 113 100
 55 156.1 142.3 182.3
 56 119.1 105.8 145.8

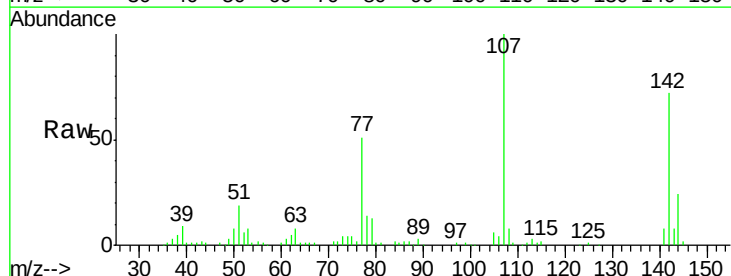


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

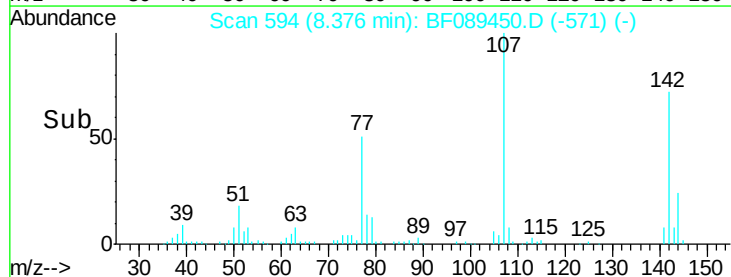
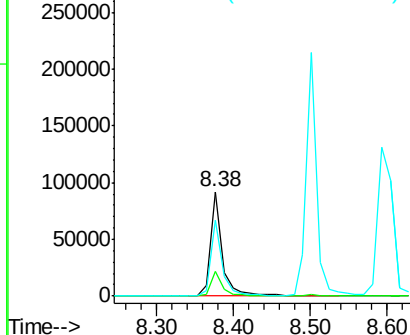


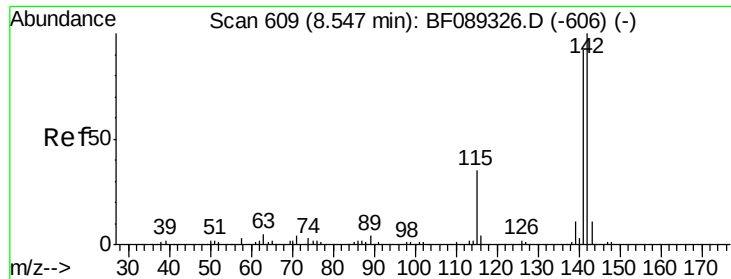
#36
 4-Chloro-3-methylphenol
 Concen: 34.71 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:107 Resp: 98101
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.4 27.6
 142 72.3 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

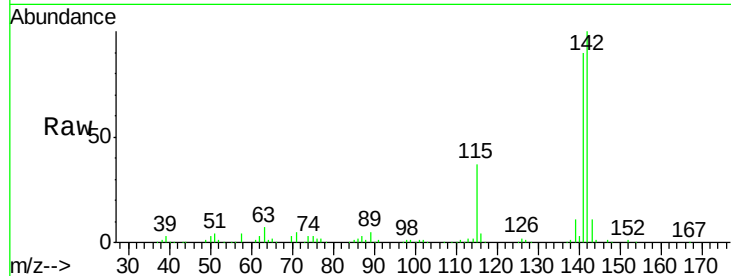




#37
2-Methylnaphthalene
Concen: 35.50 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	36.7	27.6	41.4

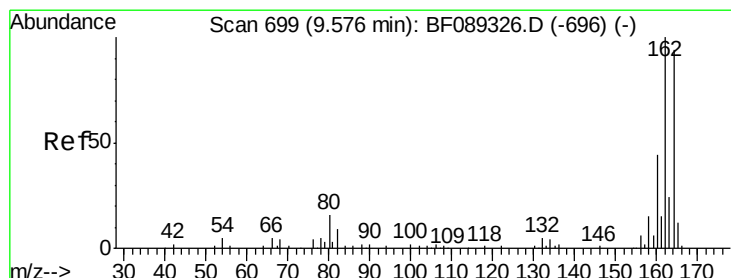
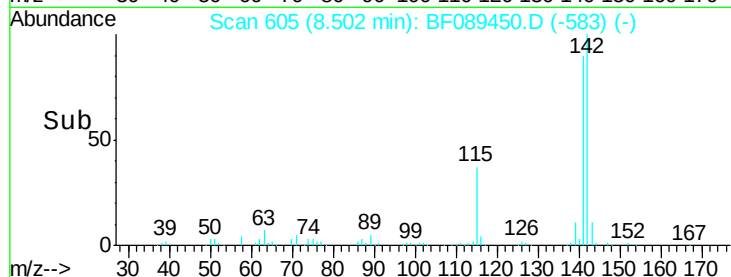
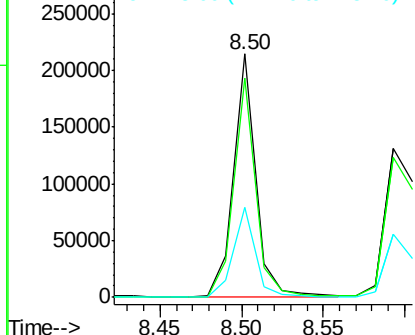


Abundance

Ion 142.00 (141.70 to 142.70): E

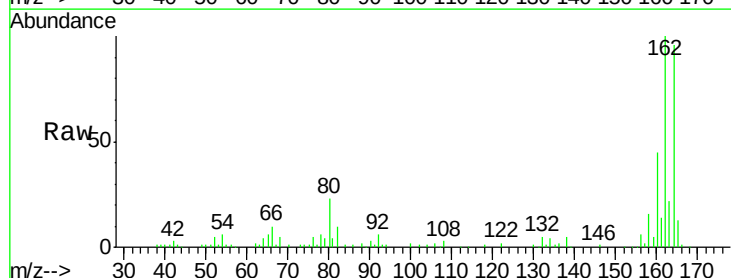
Ion 141.00 (140.70 to 141.70): E

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: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.7	125.5
160	47.0	37.8	56.6

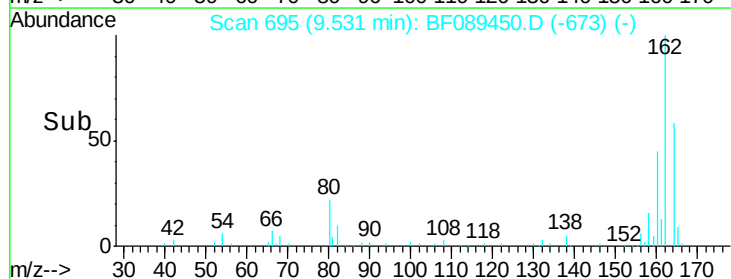
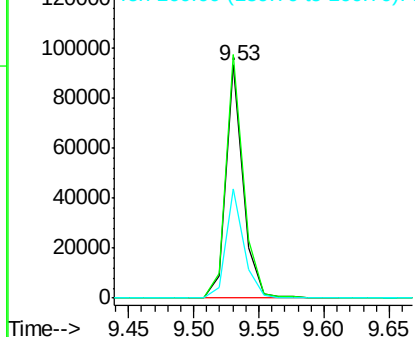


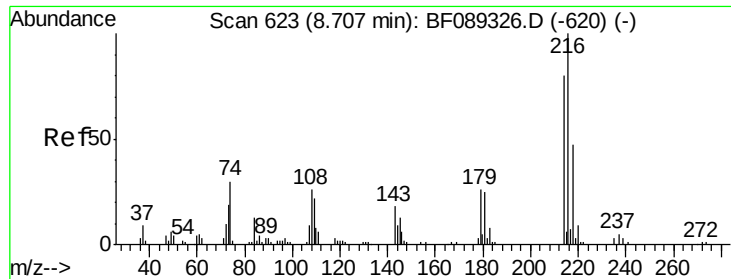
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

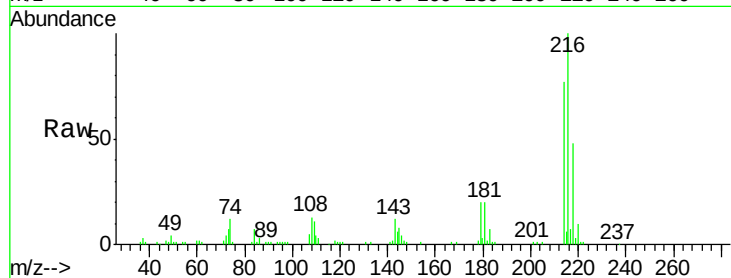




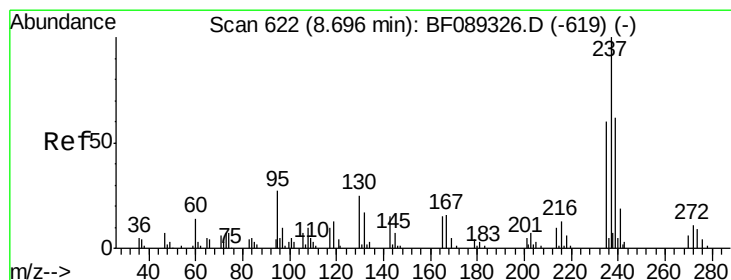
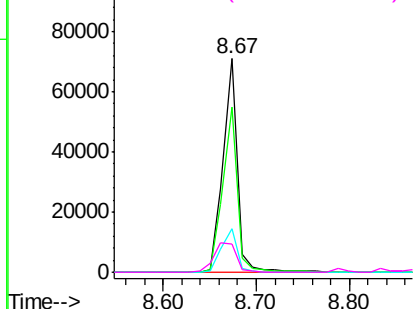
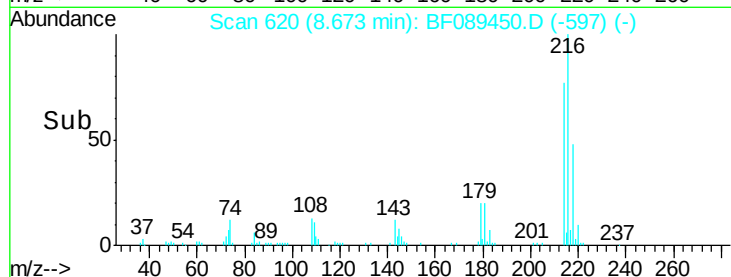
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.15 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 75982
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.3 94.9
 179 21.9 18.1 27.1
 108 21.7 17.2 25.8

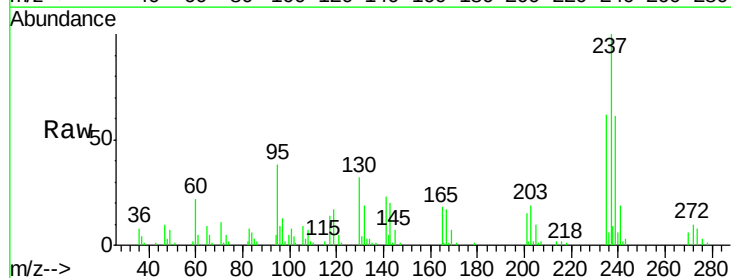


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

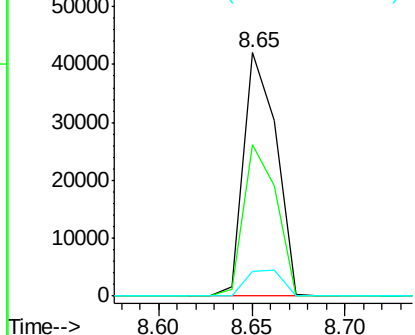
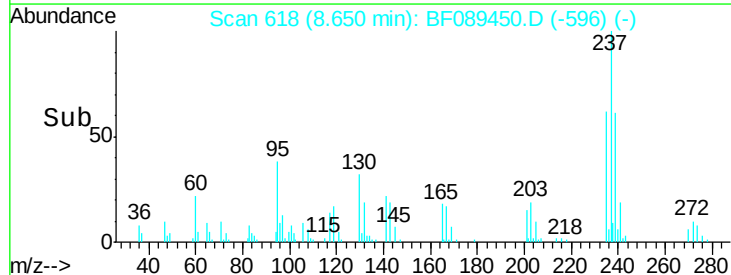


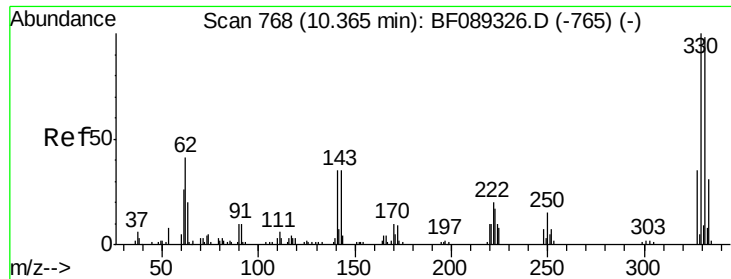
#40
 Hexachlorocyclopentadiene
 Concen: 61.50 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:237 Resp: 50956
 Ion Ratio Lower Upper
 237 100
 235 62.2 41.6 81.6
 272 10.2 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

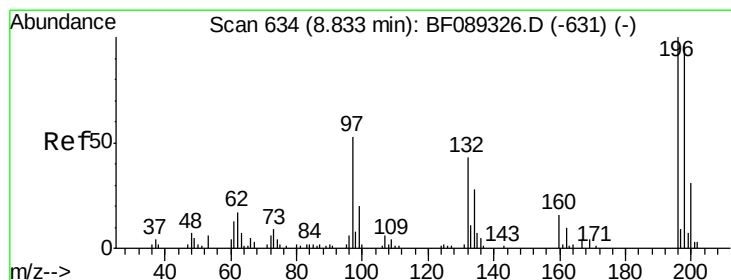
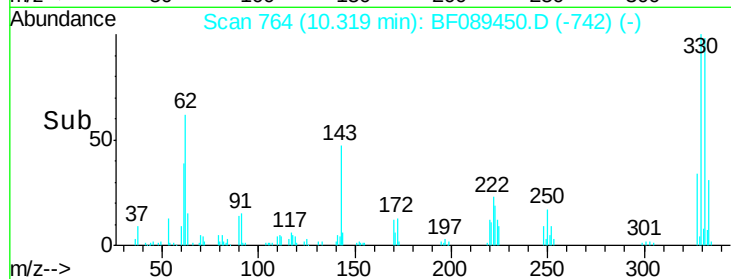
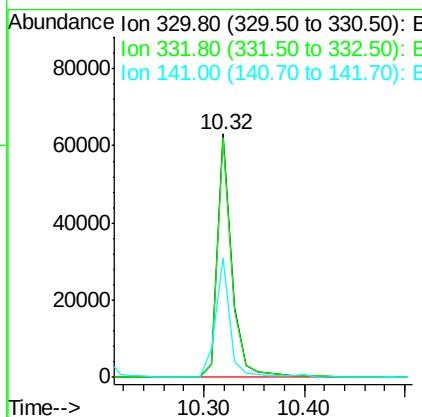
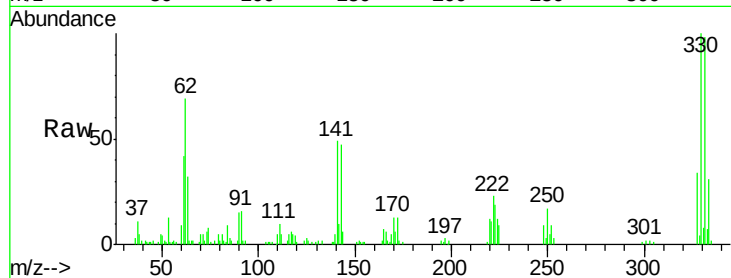




#41
 2,4,6-Tribromophenol
 Concen: 88.49 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

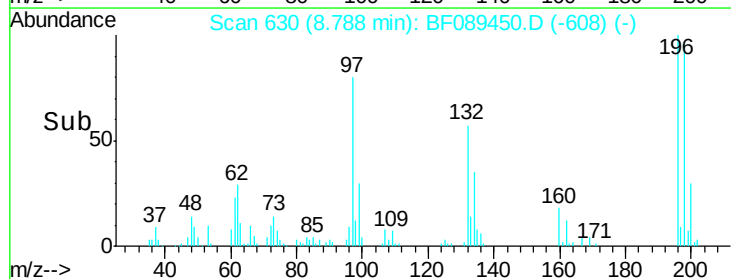
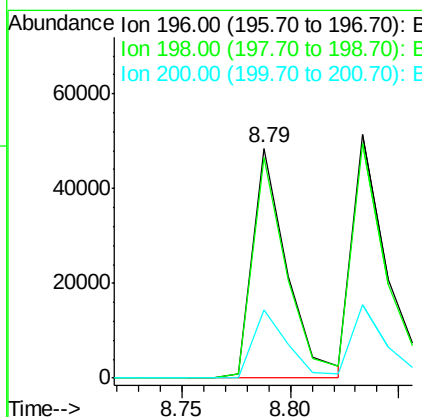
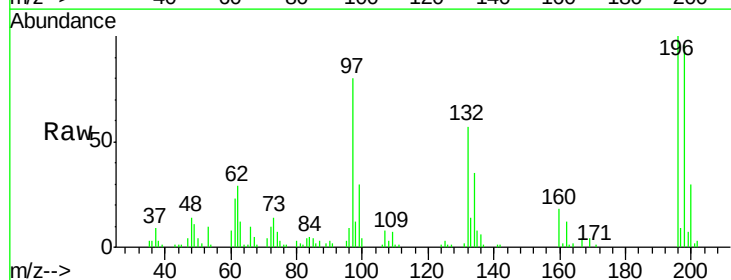
Instrument :
 BNA_F
 ClientSampled :

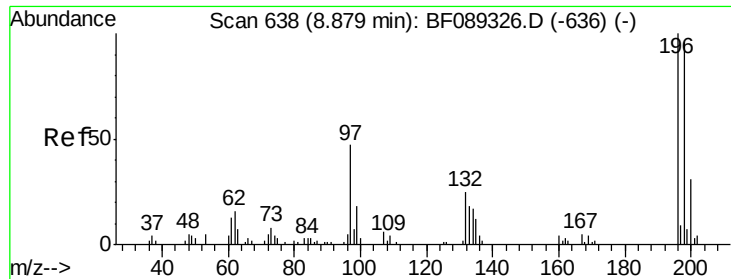
Tot Ion:330 Resp: 63262
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.8 115.2
 141 50.4 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.11 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:196 Resp: 53293
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.5 113.3
 200 29.6 23.9 35.9

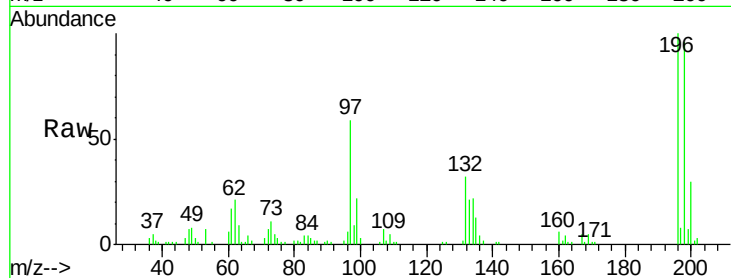




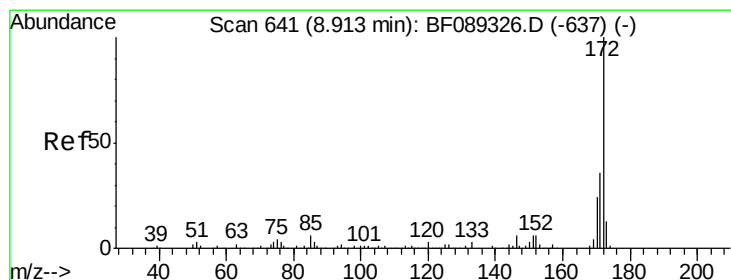
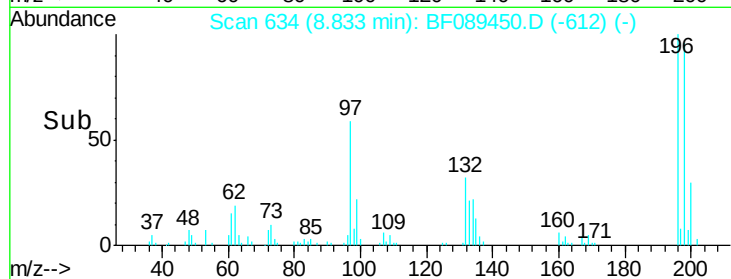
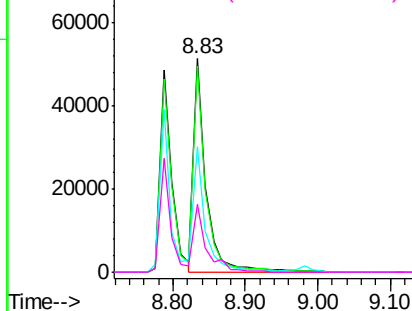
#43
 2,4,5-Trichlorophenol
 Concen: 34.50 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 62754
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.7 118.1
 97 58.9 39.7 59.5
 132 31.6 22.8 34.2

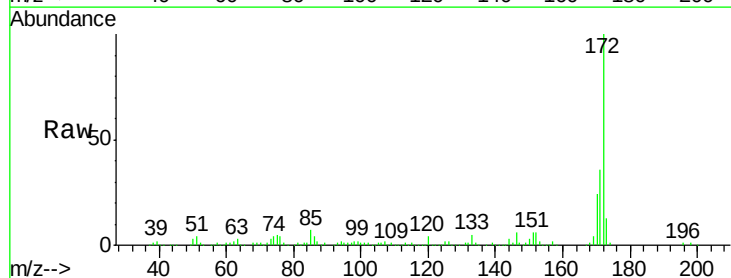


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

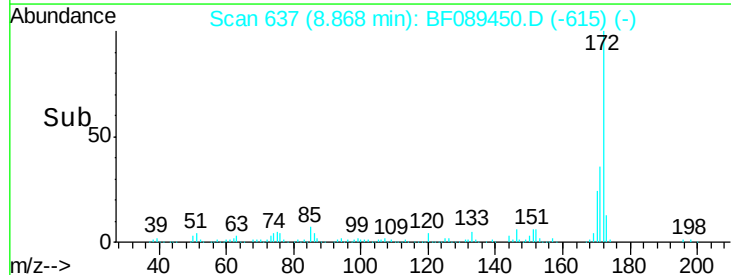
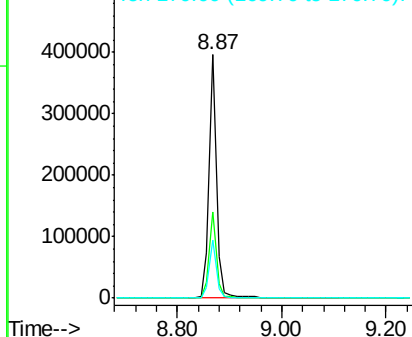


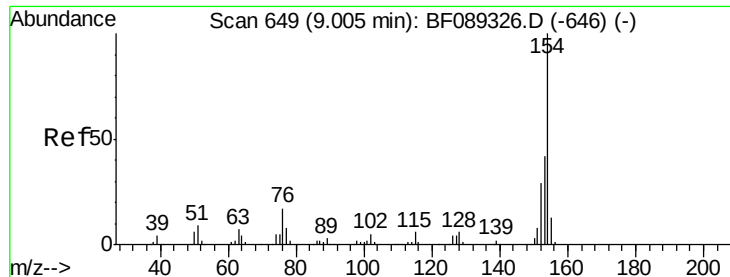
#44
 2-Fluorobiphenyl
 Concen: 66.74 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:172 Resp: 392563
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.8 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: 27.80 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

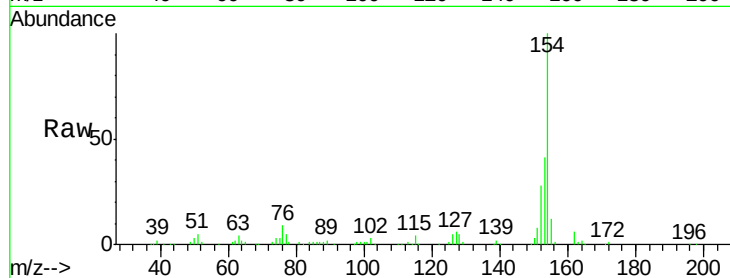
Tot Ion:154 Resp: 204363

Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

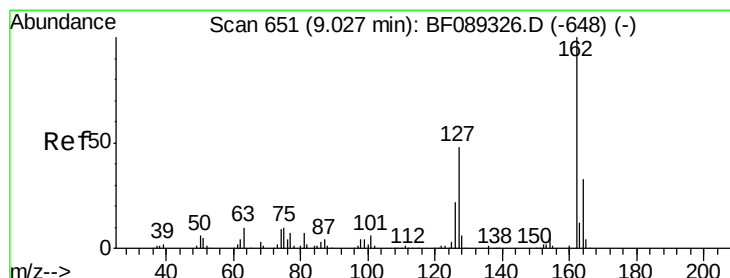
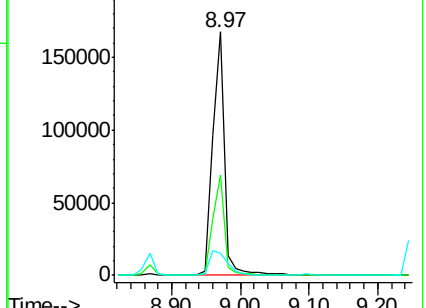
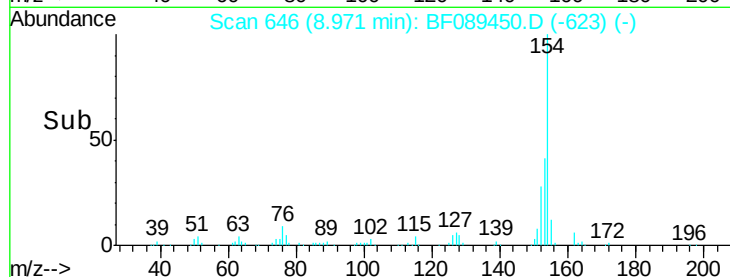
76 9.3 0.0 36.6



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: 32.28 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

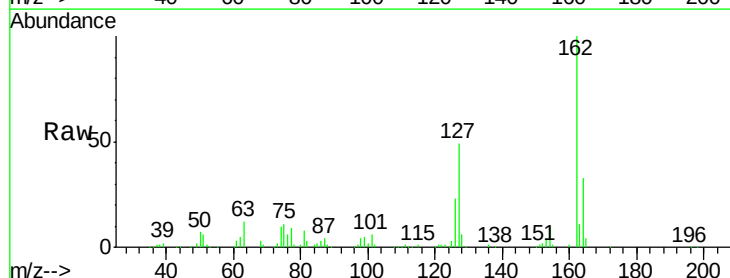
Tgt Ion:162 Resp: 178178

Ion Ratio Lower Upper

162 100

127 49.0 37.8 56.8

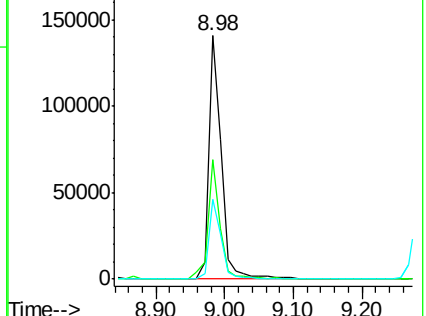
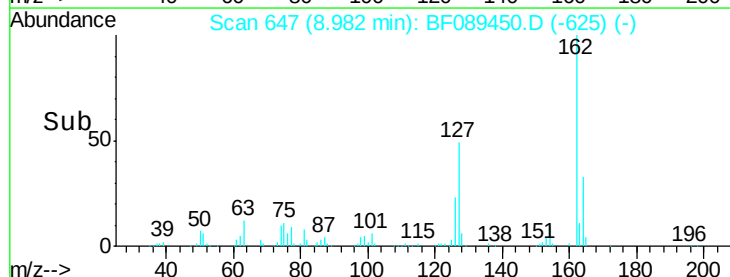
164 32.7 25.8 38.8

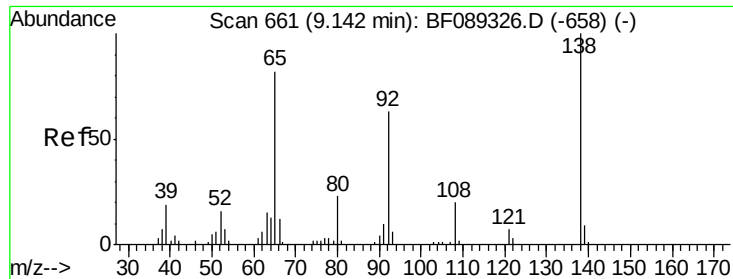


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

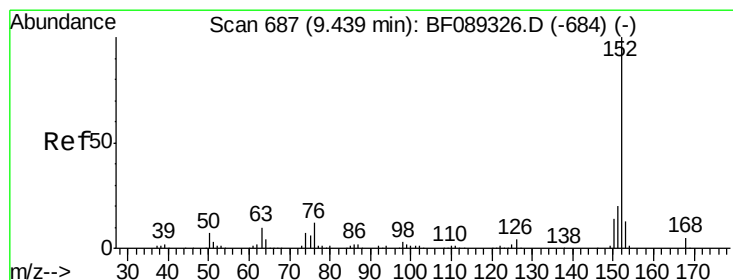
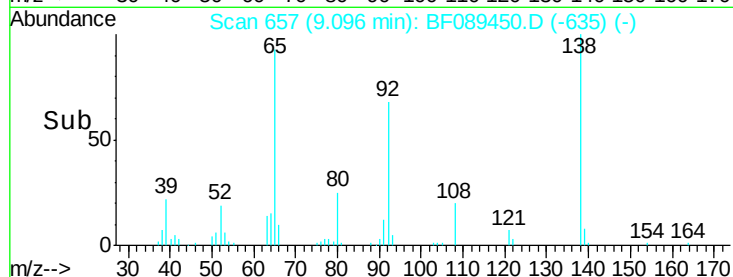
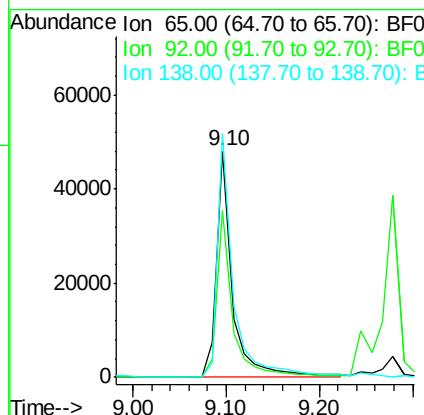
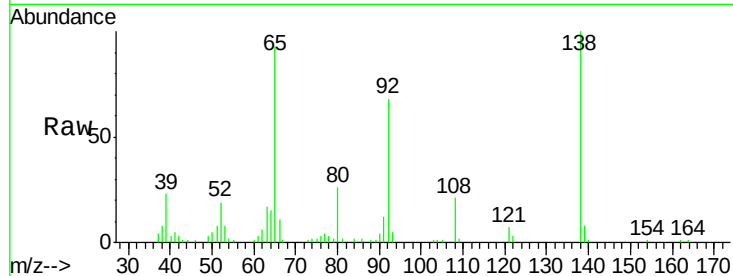




#47
2-Nitroaniline
Concen: 34.89 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

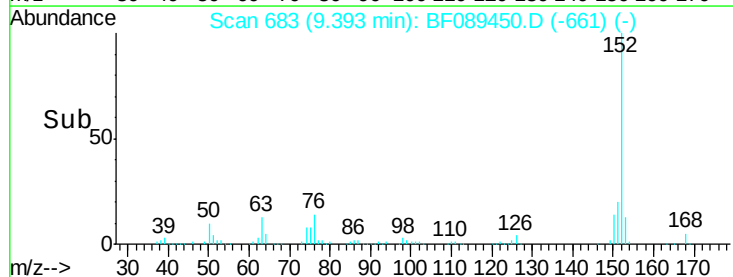
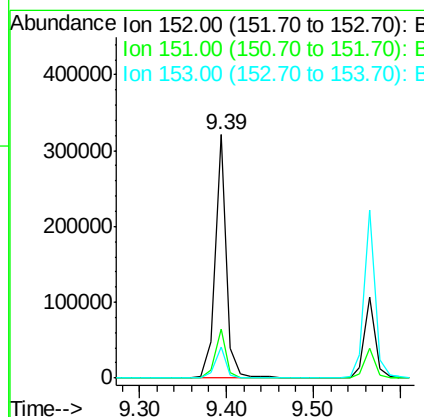
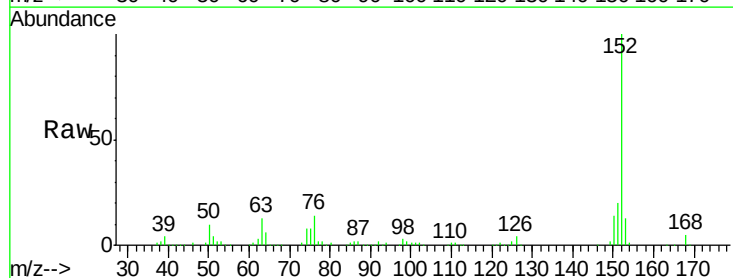
Instrument :
BNA_F
ClientSampleId :

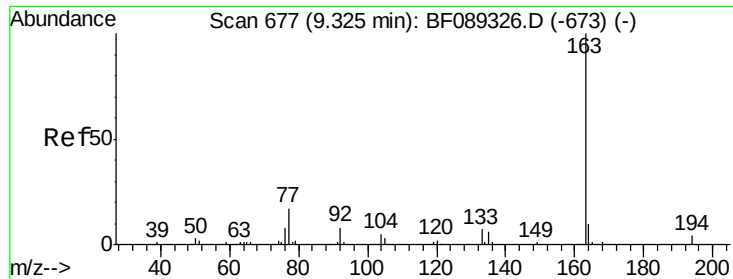
Tot Ion: 65 Resp: 57034
Ion Ratio Lower Upper
65 100
92 73.7 61.0 91.4
138 107.9 99.1 148.7



#48
Acenaphthylene
Concen: 33.59 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion: 152 Resp: 292012
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.8 10.2 15.4

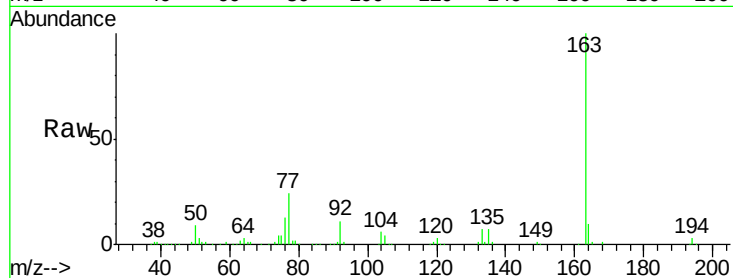




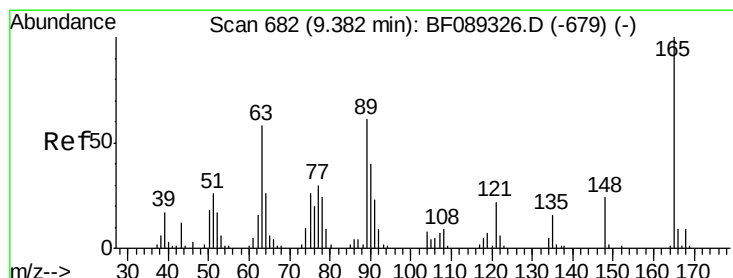
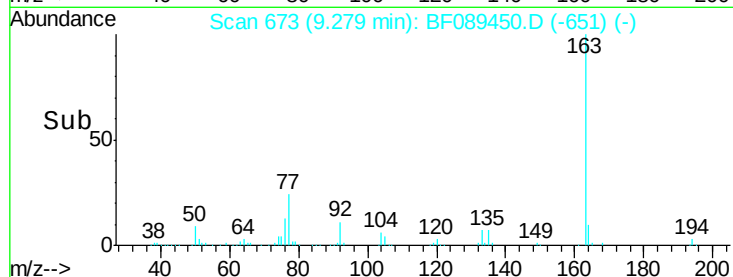
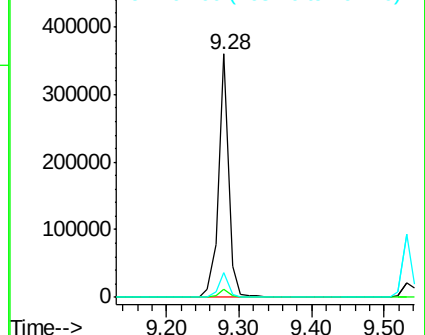
#49
Dimethylphthalate
Concen: 53.12 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 349010
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 7.8 11.8

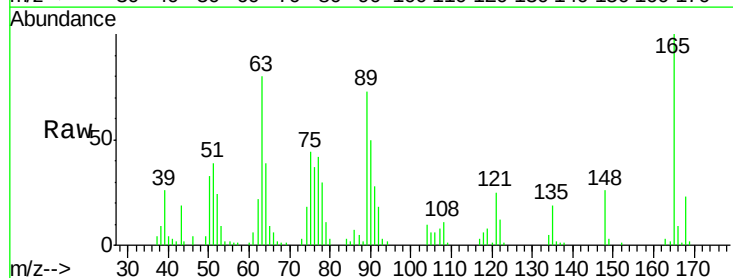


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

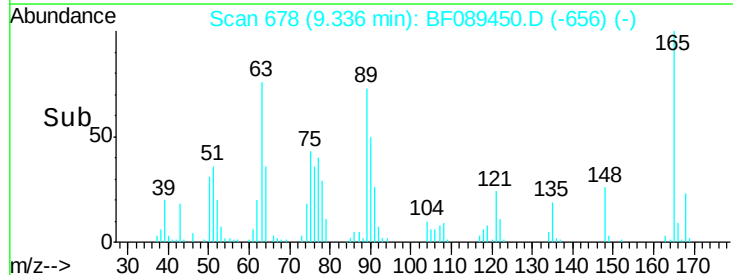
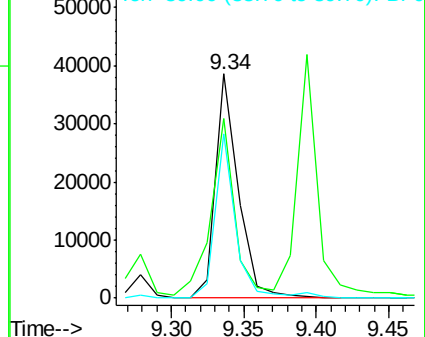


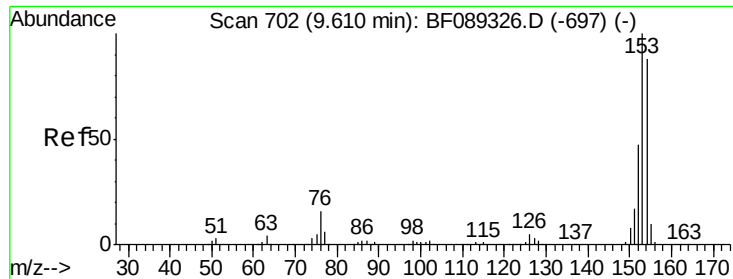
#50
2,6-Dinitrotoluene
Concen: 31.34 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:165 Resp: 42308
Ion Ratio Lower Upper
165 100
63 80.1 43.5 65.3#
89 73.4 45.0 67.4#



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





#51

Acenaphthene

Concen: 34.08 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

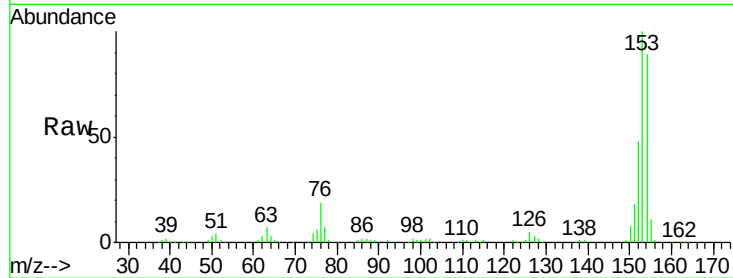
Tot Ion:154 Resp: 173011

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

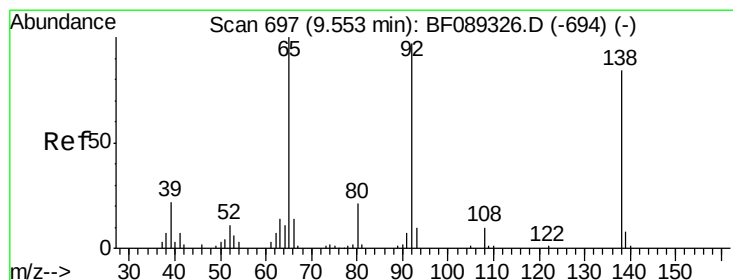
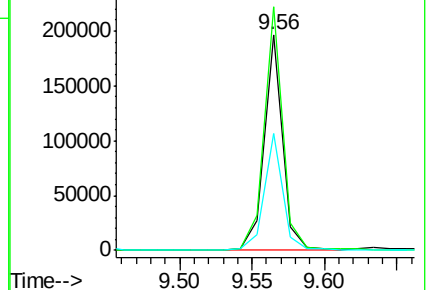
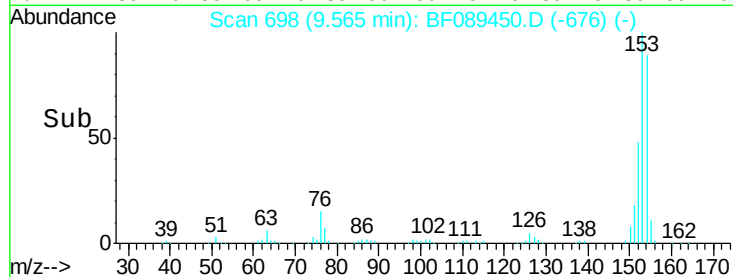
152 54.2 43.8 65.6



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: 24.36 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

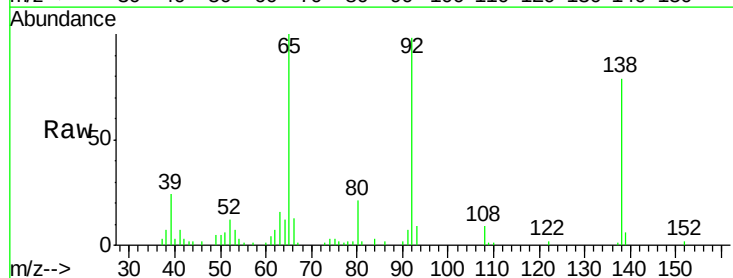
Tgt Ion:138 Resp: 34706

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

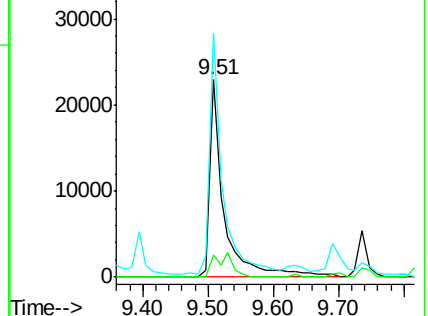
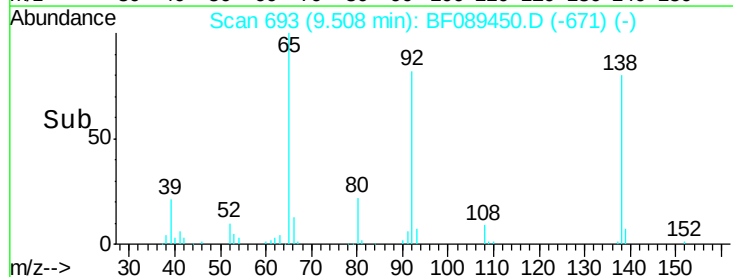
92 123.5 90.0 135.0

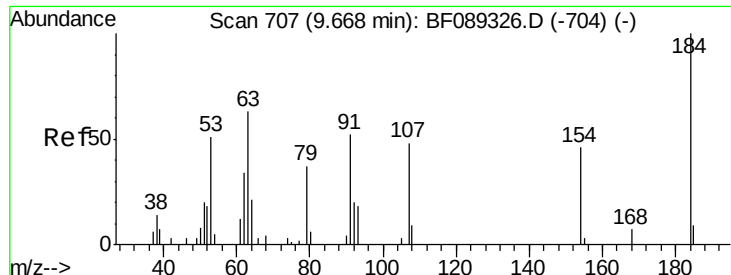


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

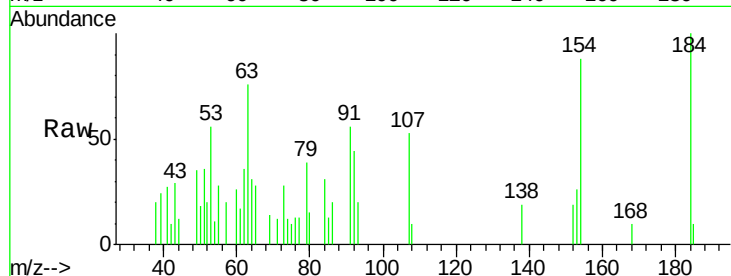




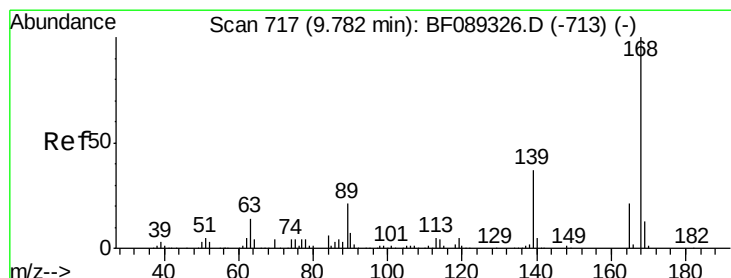
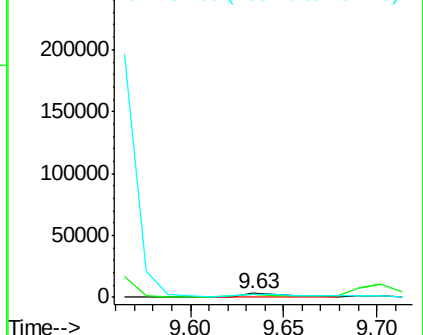
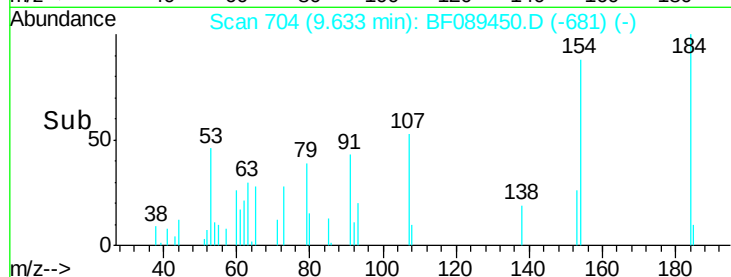
#53
 2,4-Dinitrophenol
 Concen: 19.97 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 6403
 Ion Ratio Lower Upper
 184 100
 63 76.4 60.6 90.8
 154 87.5 69.8 104.8

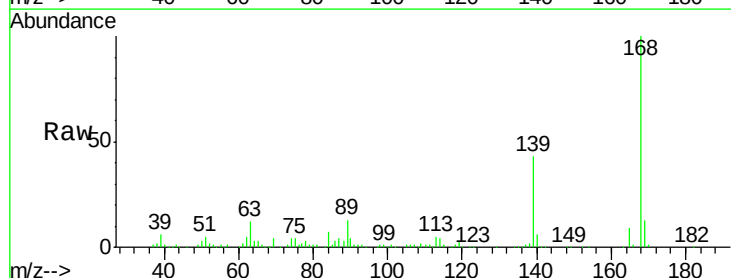


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

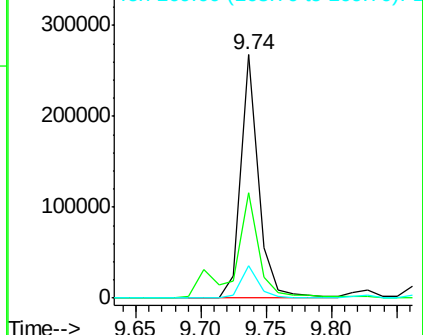
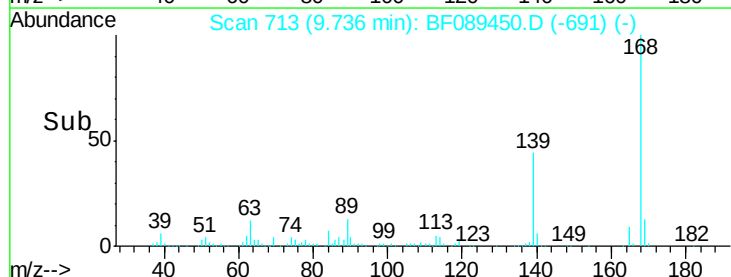


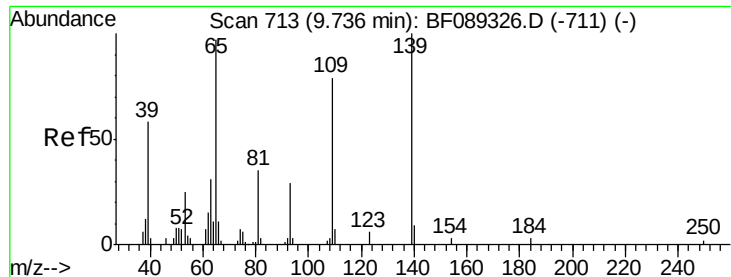
#54
 Dibenzofuran
 Concen: 36.55 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:168 Resp: 252852
 Ion Ratio Lower Upper
 168 100
 139 43.5 33.7 50.5
 169 13.4 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

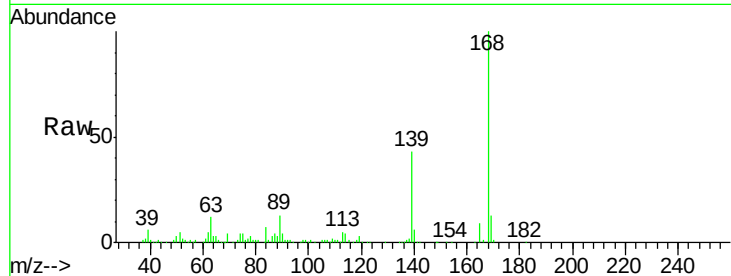




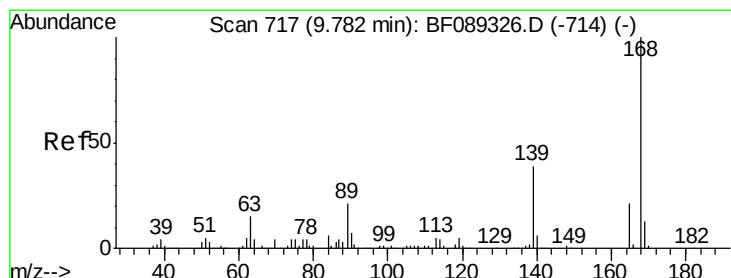
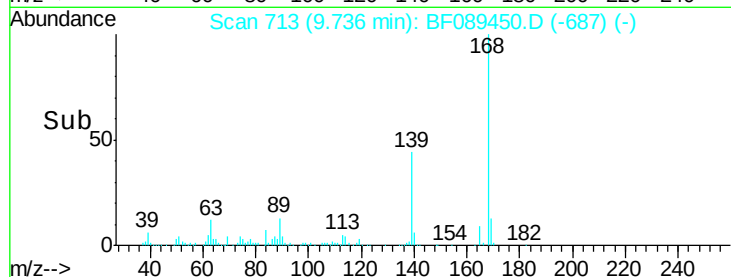
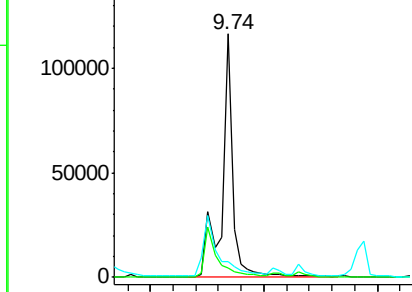
#55
4-Nitrophenol
Concen: 217.23 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 158688
Ion Ratio Lower Upper
139 100
109 3.9 57.8 97.8#
65 6.6 81.7 121.7#

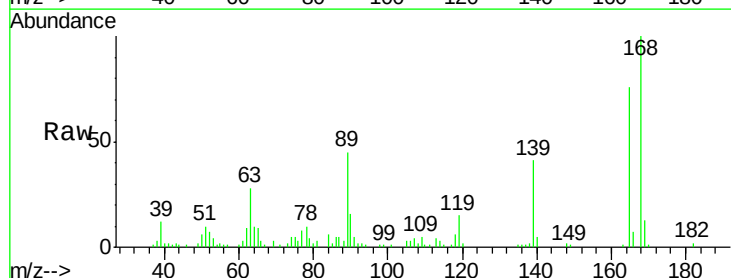


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

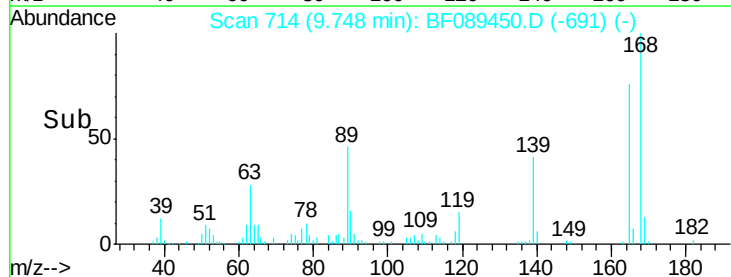
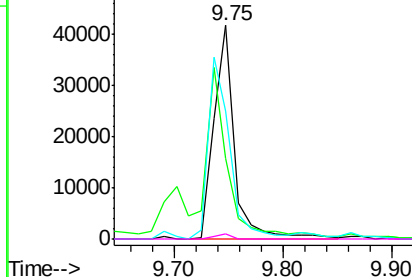


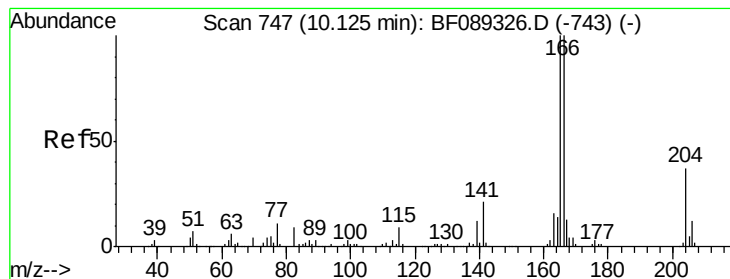
#56
2,4-Dinitrotoluene
Concen: 31.25 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:165 Resp: 55541
Ion Ratio Lower Upper
165 100
63 37.5 58.2 87.2#
89 59.9 79.1 118.7#
182 2.4 1.8 2.8



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





#57

Fluorene

Concen: 32.92 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

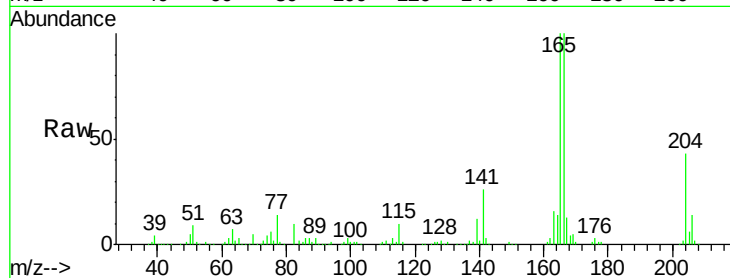
Tot Ion:166 Resp: 198828

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.4

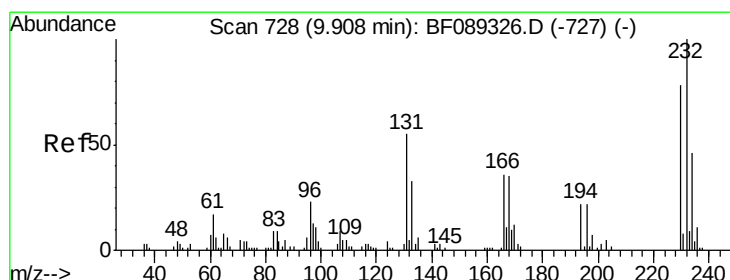
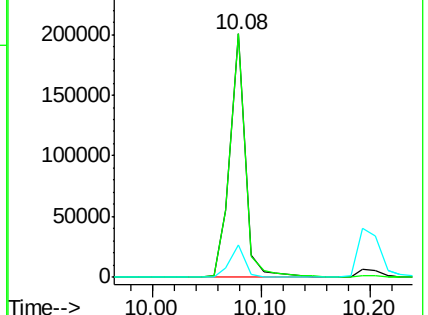
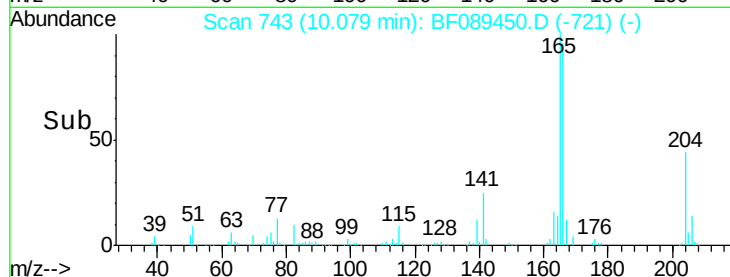
167 13.3 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.56 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Tgt Ion:232 Resp: 41974

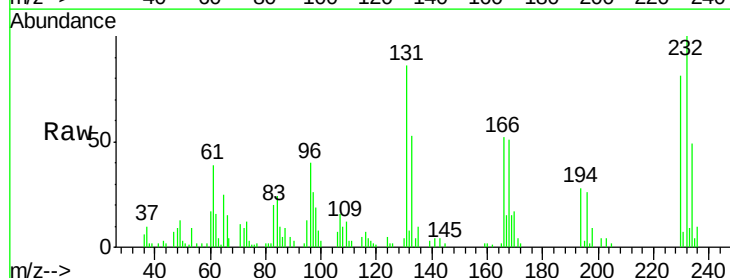
Ion Ratio Lower Upper

232 100

131 57.4 42.7 64.1

130 2.5 1.7 2.5

166 37.2 25.7 38.5

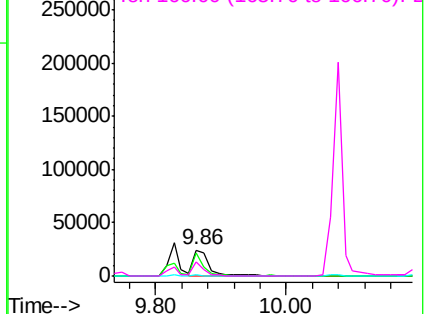
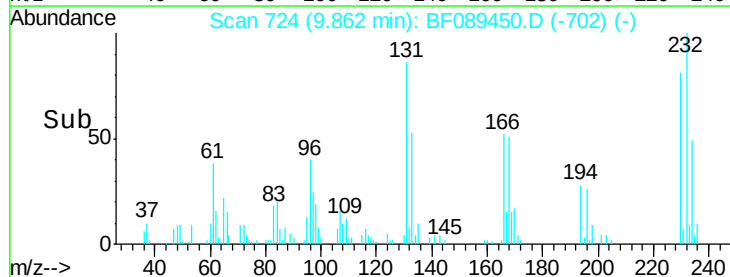


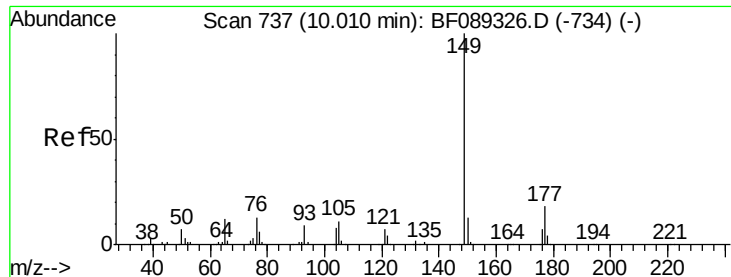
Abundance Ion 232.00 (231.70 to 232.70): E

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

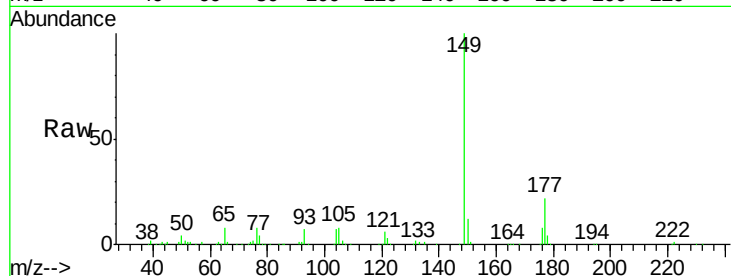




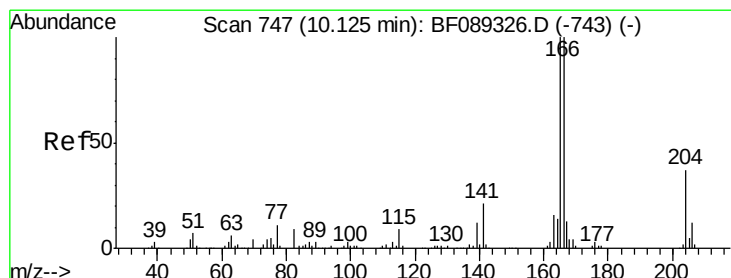
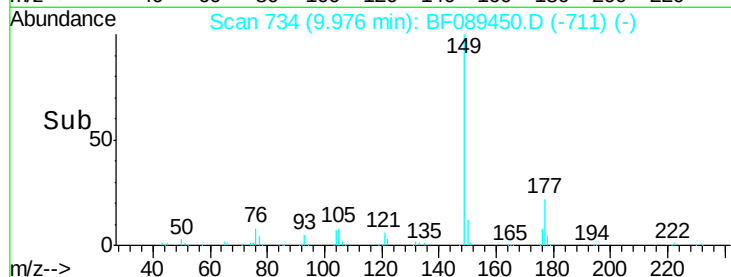
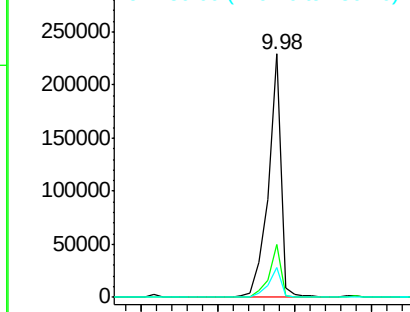
#59
Diethylphthalate
Concen: 38.86 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 258846
Ion Ratio Lower Upper
149 100
177 21.7 15.1 22.7
150 12.2 10.2 15.4

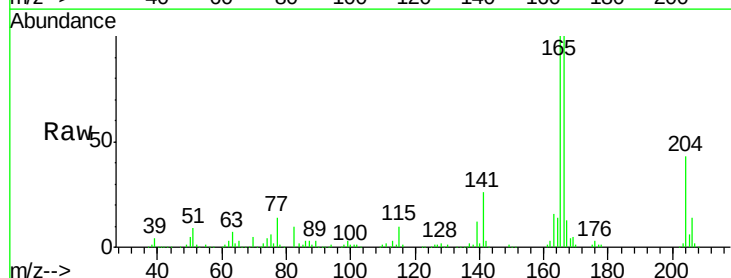


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

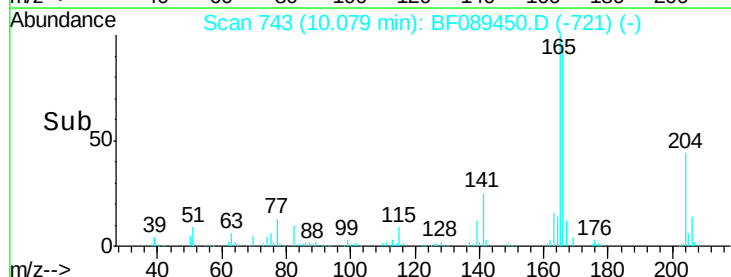
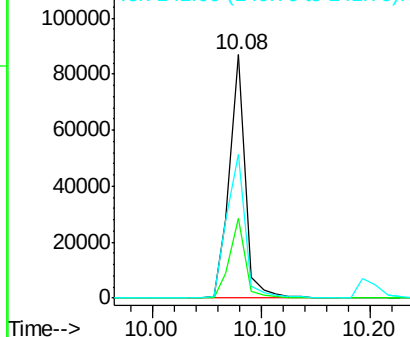


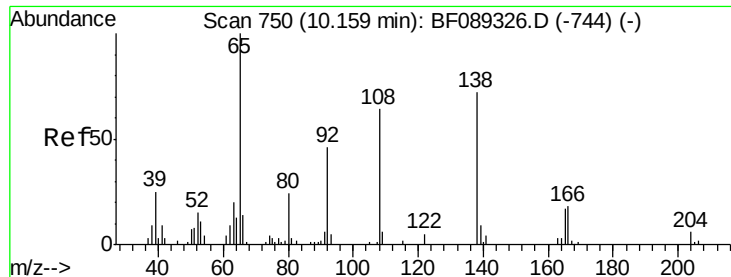
#60
4-Chlorophenyl-phenylether
Concen: 31.91 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:204 Resp: 88390
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 59.0 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

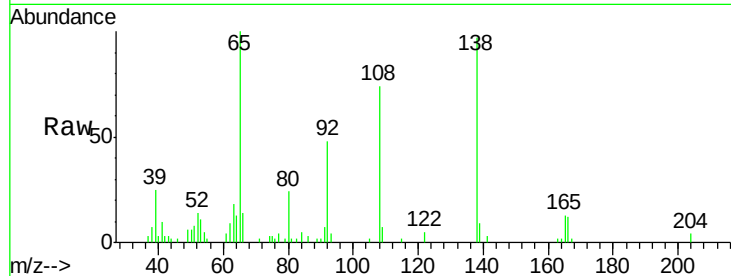




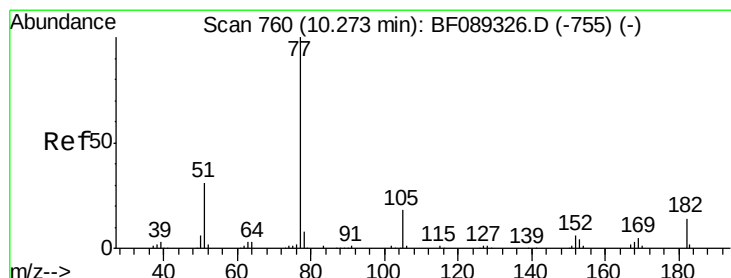
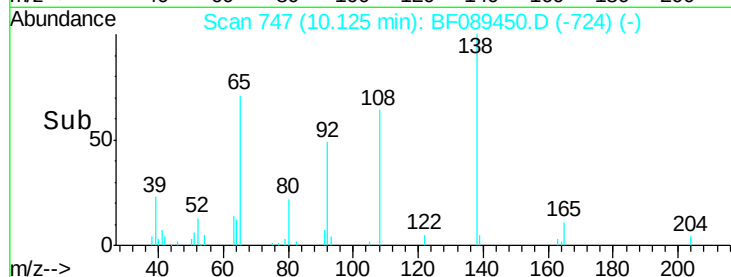
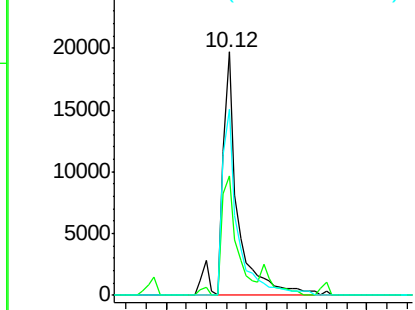
#61
4-Nitroaniline
Concen: 28.89 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 42421
Ion Ratio Lower Upper
138 100
92 49.1 41.2 81.2
108 76.3 69.6 109.6

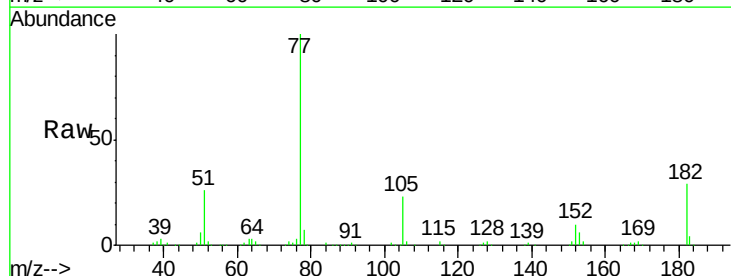


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

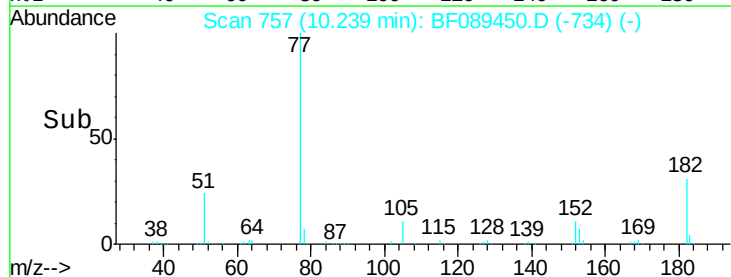
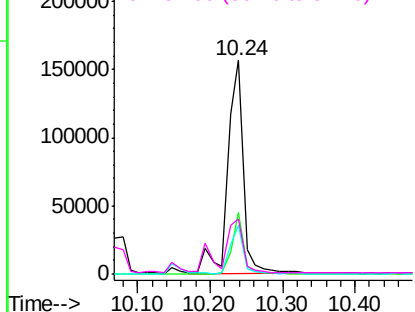


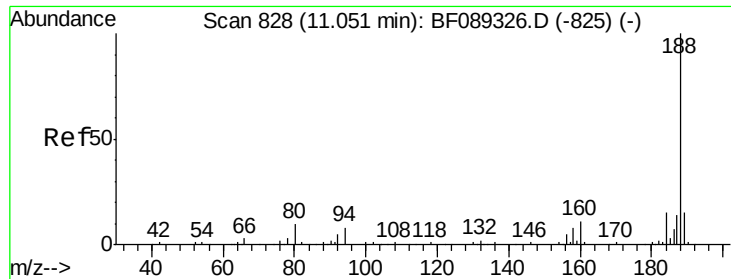
#62
Azobenzene
Concen: 33.93 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion: 77 Resp: 232728
Ion Ratio Lower Upper
77 100
182 29.0 0.0 33.8
105 23.1 0.0 39.8
51 25.6 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

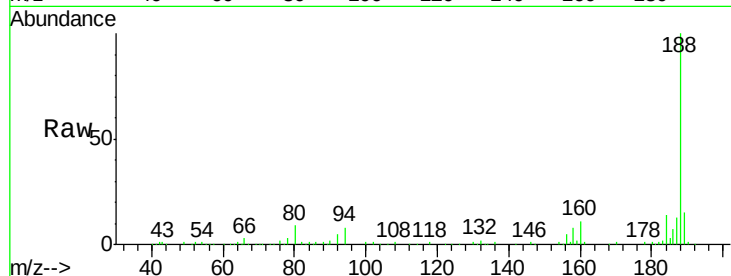




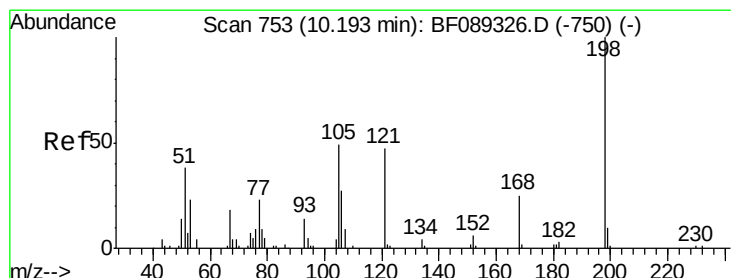
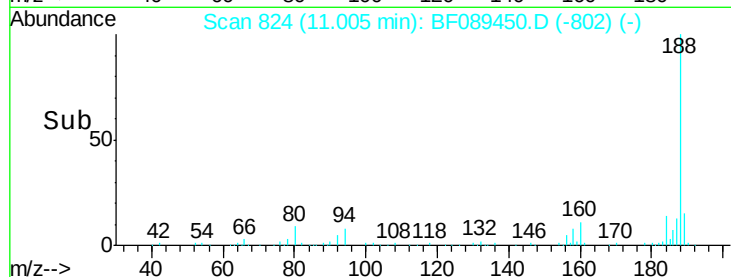
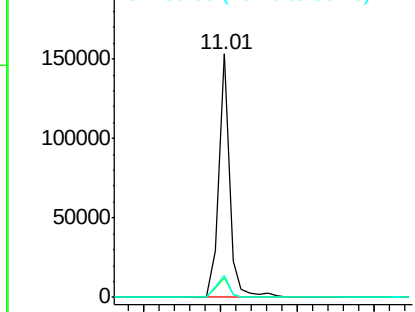
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 824
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 151151
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.5 9.7
 80 9.3 7.2 10.8

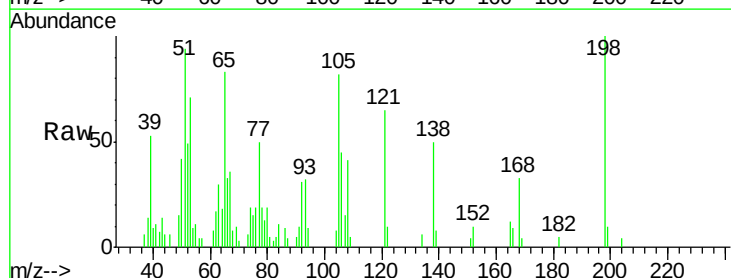


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

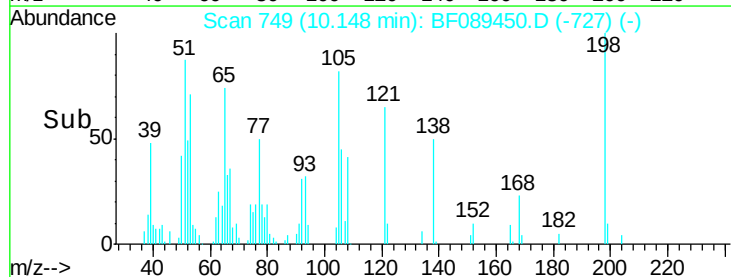
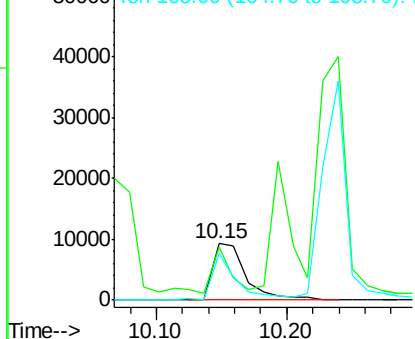


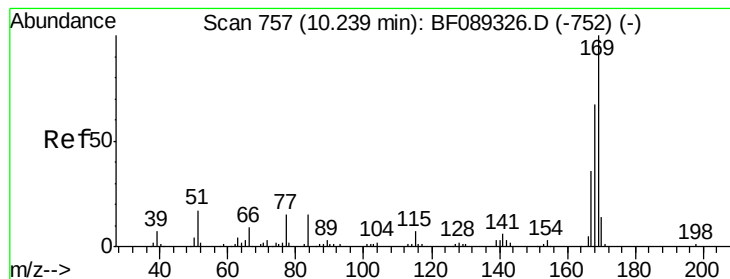
#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.76 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:198 Resp: 16470
 Ion Ratio Lower Upper
 198 100
 51 93.9 23.0 63.0#
 105 82.0 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: 34.20 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

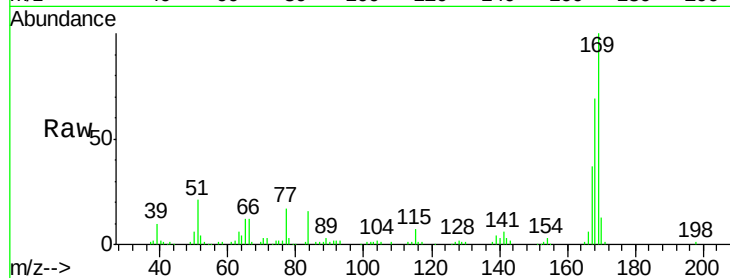
Tot Ion:169 Resp: 161291

Ion Ratio Lower Upper

169 100

168 69.5 55.4 83.0

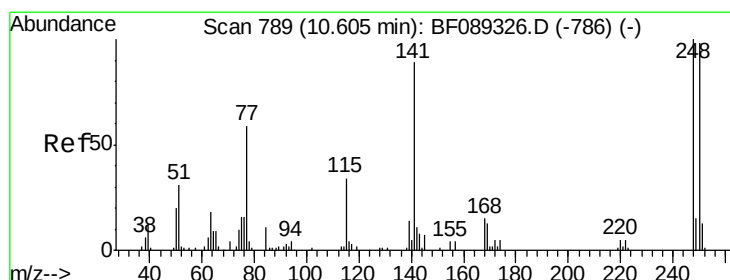
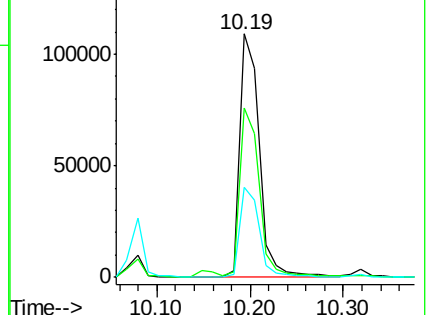
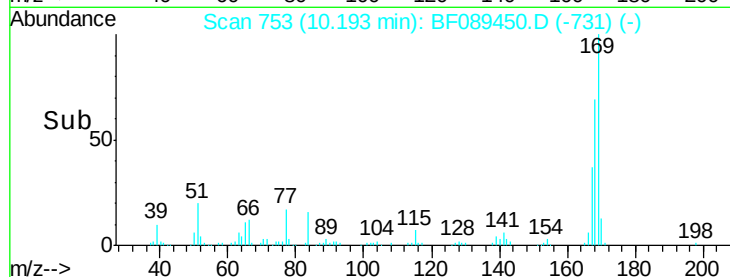
167 36.7 29.7 44.5



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: 36.57 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

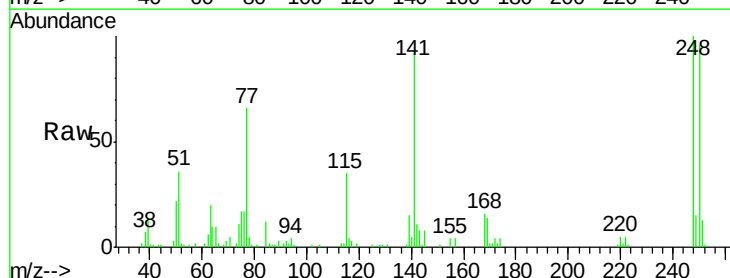
Tgt Ion:248 Resp: 52771

Ion Ratio Lower Upper

248 100

250 95.9 78.2 117.2

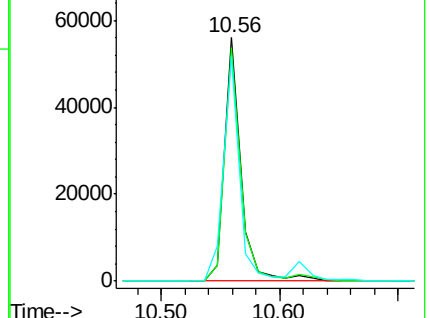
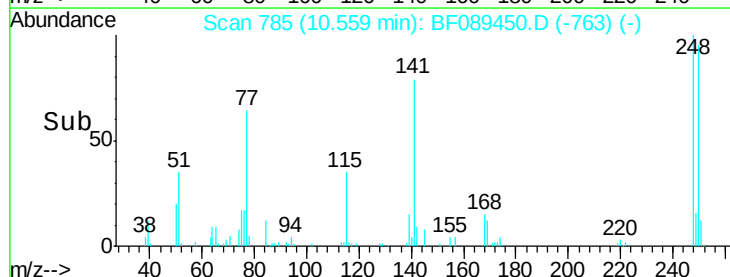
141 92.0 62.0 93.0

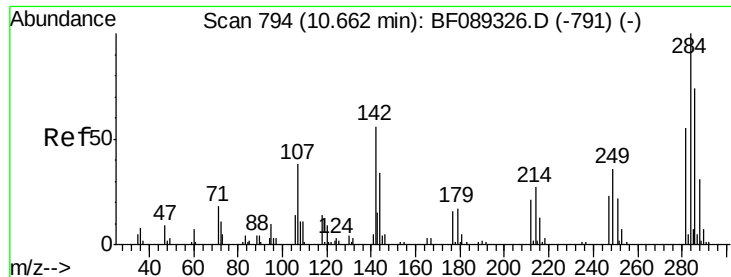


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

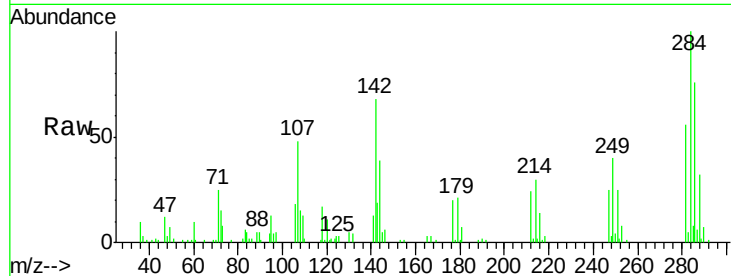




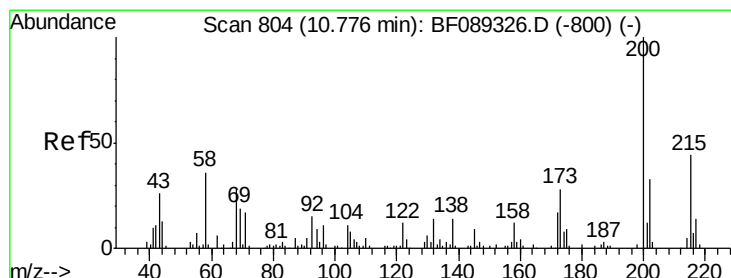
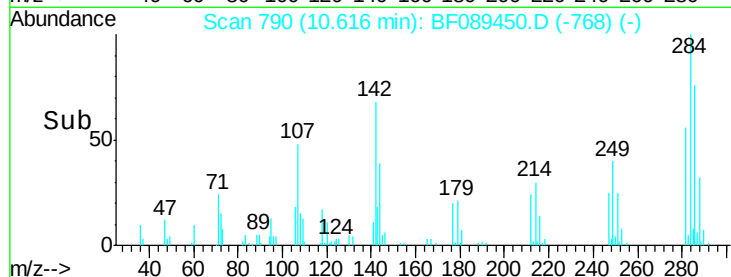
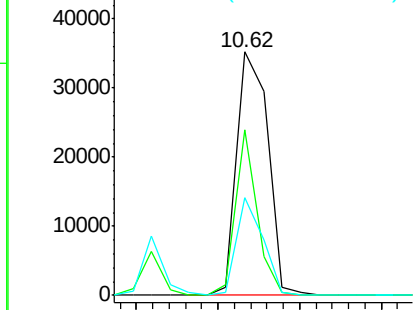
#67
Hexachlorobenzene
Concen: 31.28 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 46253
Ion Ratio Lower Upper
284 100
142 67.9 42.2 63.4#
249 40.0 29.4 44.0

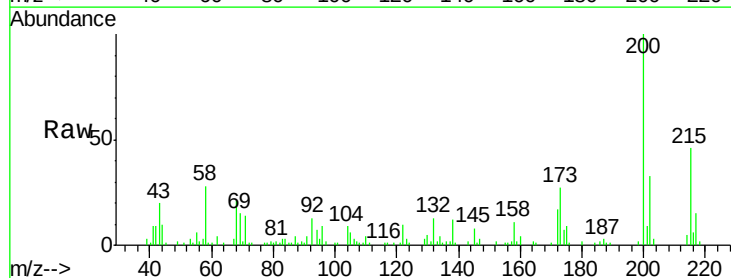


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

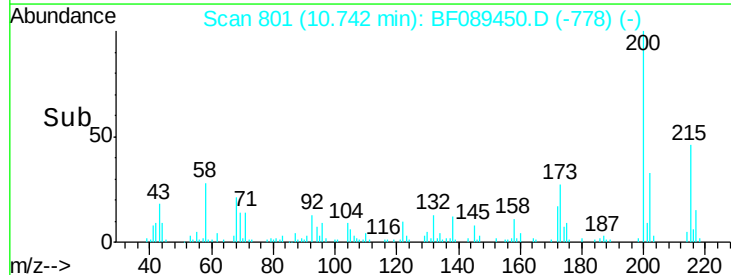
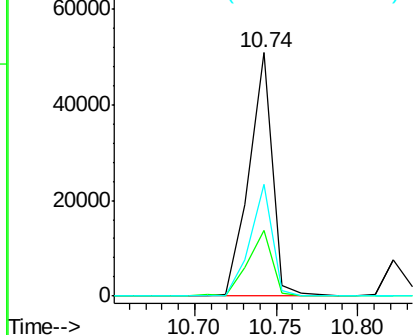


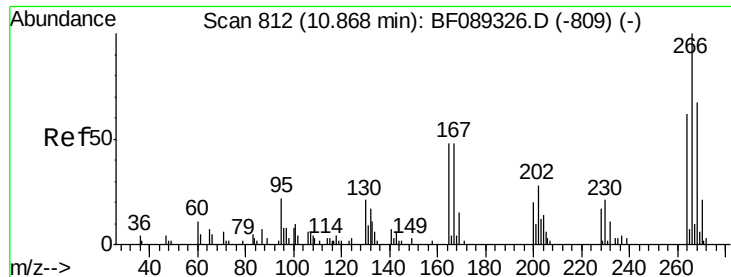
#68
Atrazine
Concen: 34.87 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:200 Resp: 50525
Ion Ratio Lower Upper
200 100
173 27.2 6.0 46.0
215 46.0 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

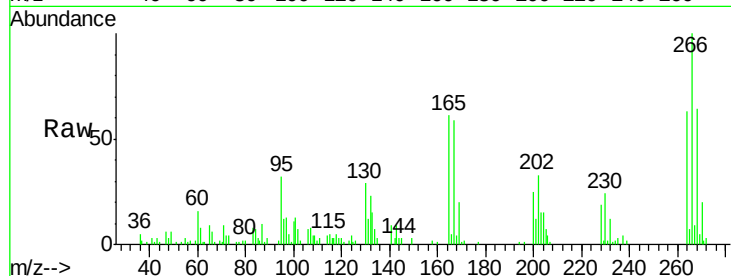




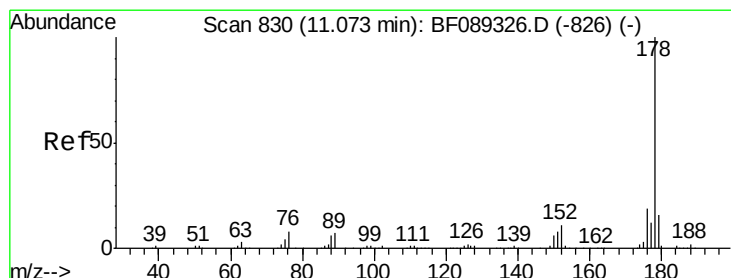
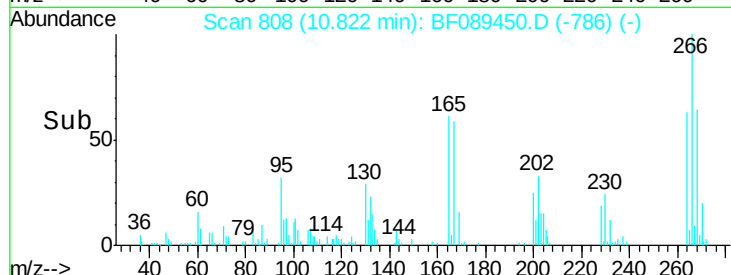
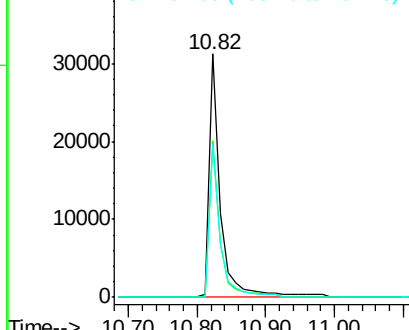
#69
 Pentachlorophenol
 Concen: 53.31 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.04 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 36629
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.4 74.2
 264 62.6 50.2 75.2

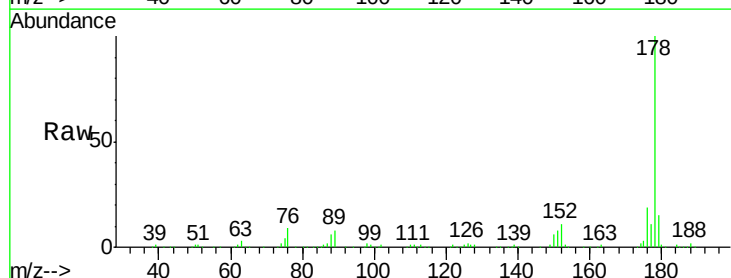


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

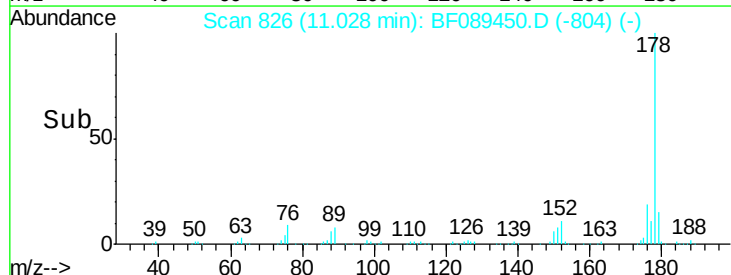
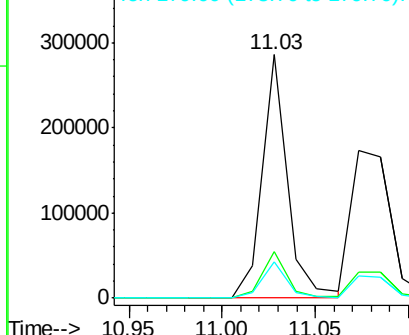


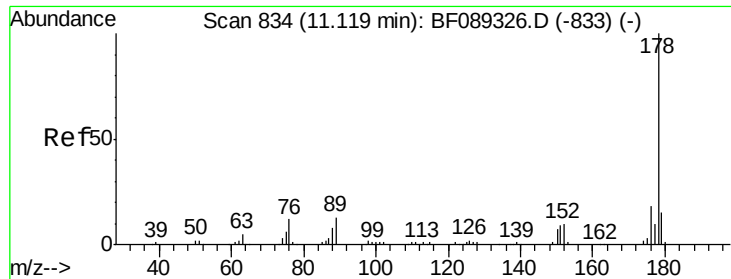
#70
 Phenanthrene
 Concen: 34.30 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:178 Resp: 267374
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.0 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

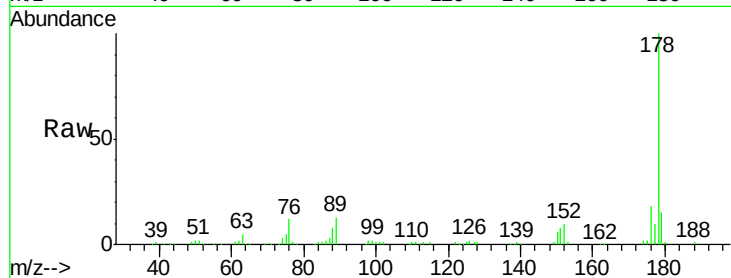




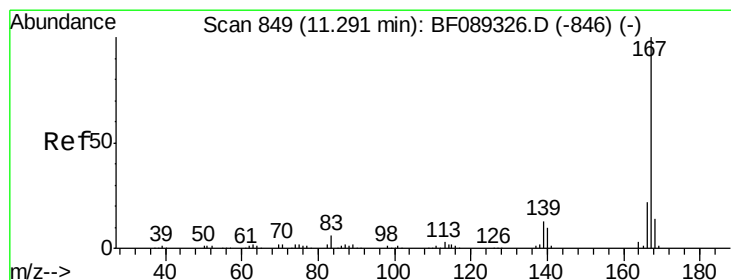
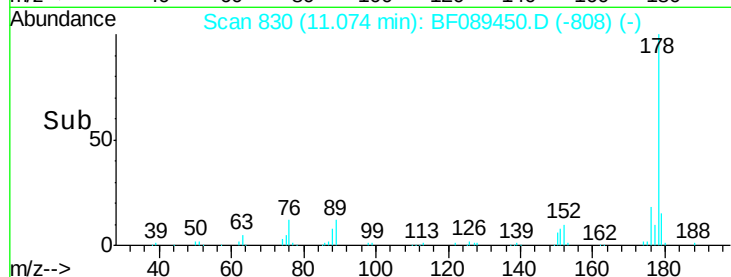
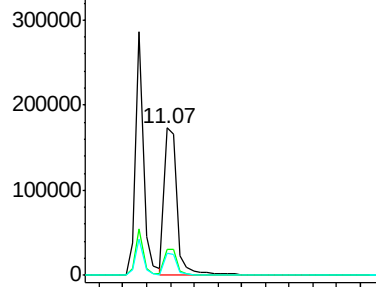
#71
 Anthracene
 Concen: 31.13 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 269769
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.8 22.2
 179 15.4 12.6 18.8

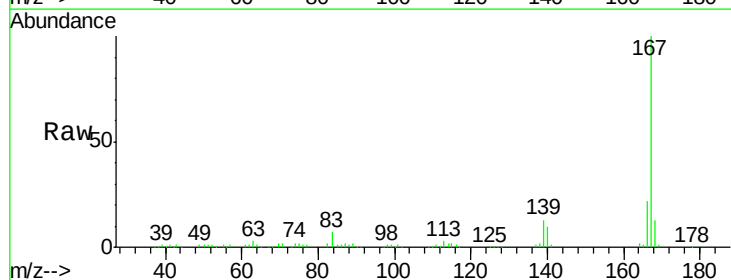


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

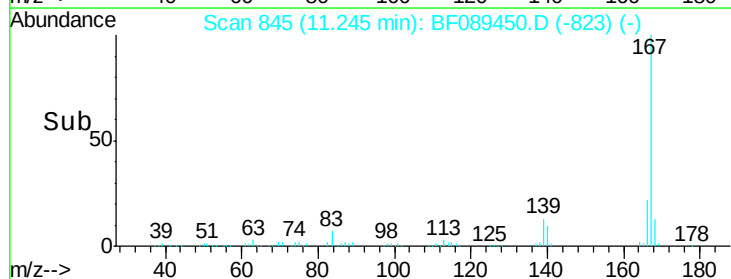
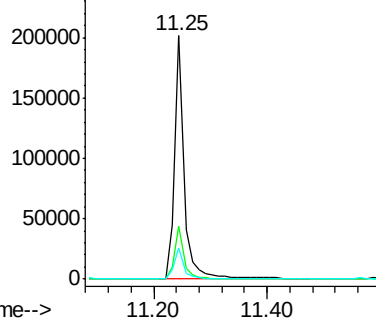


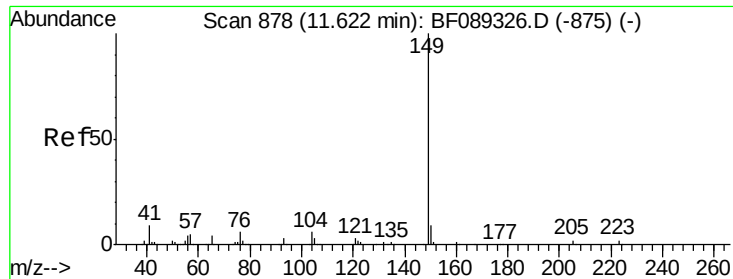
#72
 Carbazole
 Concen: 31.64 ng
 RT: 11.25 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:167 Resp: 230867
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.0 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

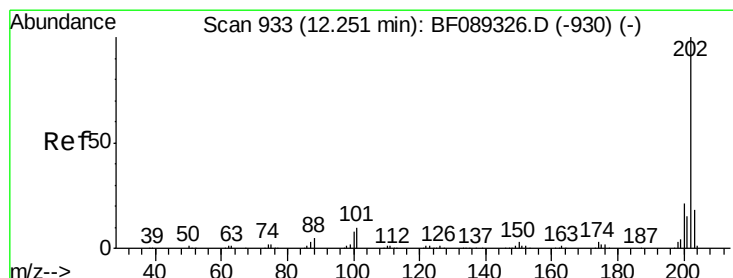
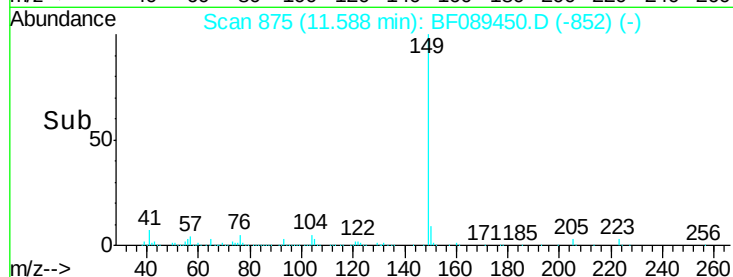
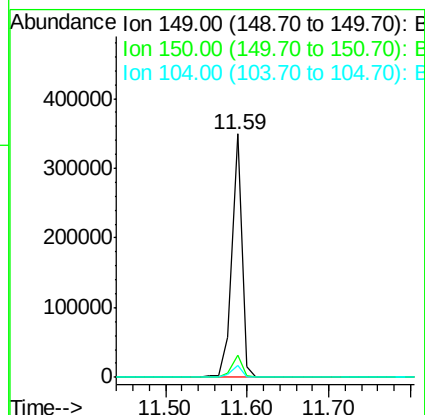
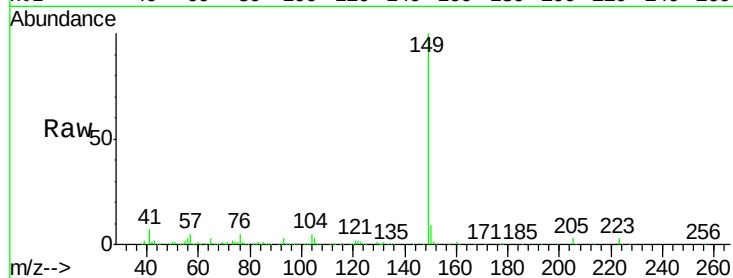




#73
Di-n-butylphthalate
Concen: 30.32 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

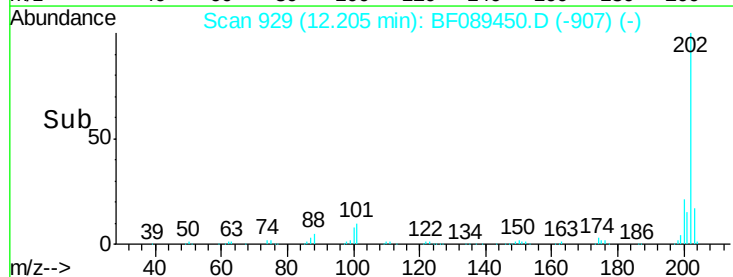
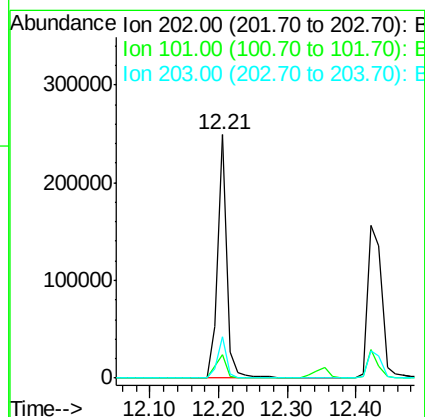
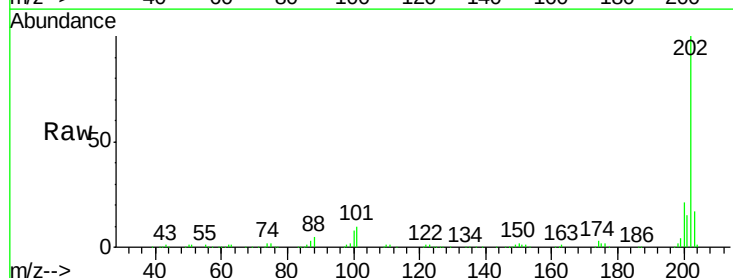
Instrument :
BNA_F
ClientSampleId :

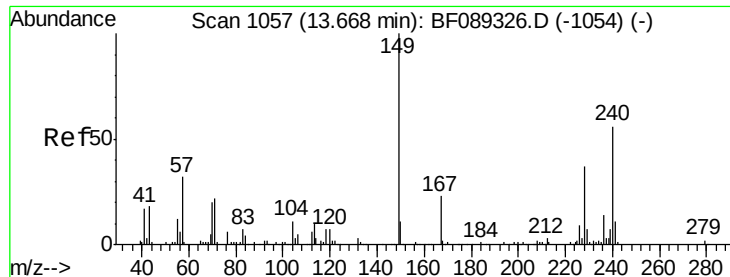
Tot Ion:149 Resp: 296764
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.9 4.7 7.1



#74
Fluoranthene
Concen: 29.18 ng
RT: 12.21 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:202 Resp: 239271
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.9
203 17.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

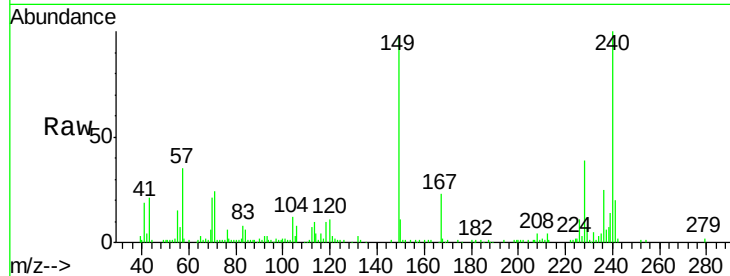
Tot Ion:240 Resp: 81328

Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

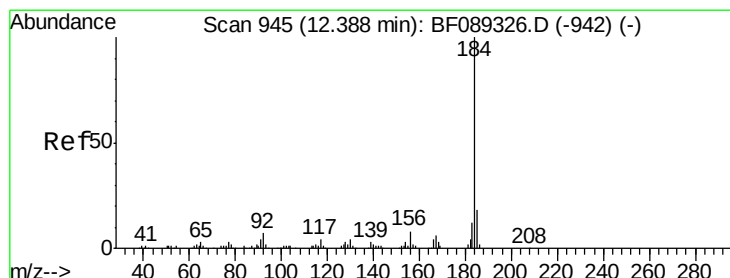
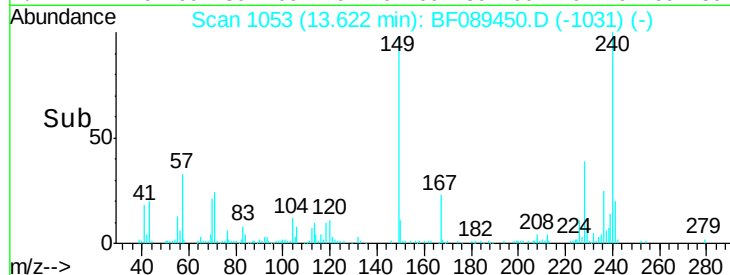
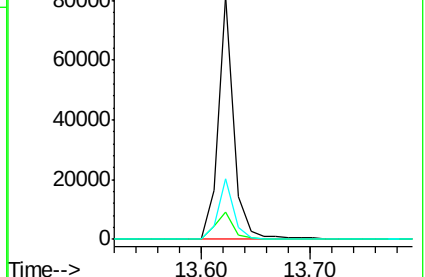
236 24.9 20.6 30.8



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: 9.89 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

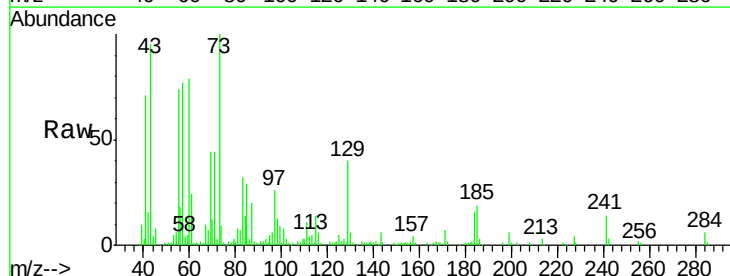
Tgt Ion:184 Resp: 29727

Ion Ratio Lower Upper

184 100

185 118.5 13.5 20.3#

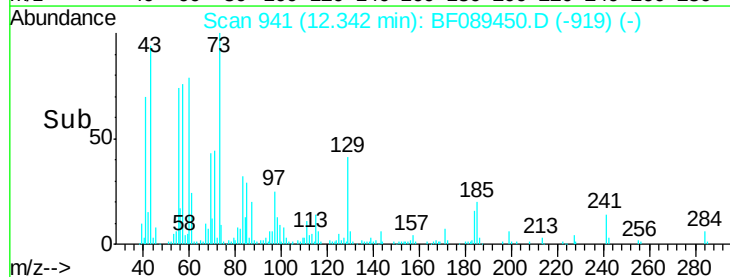
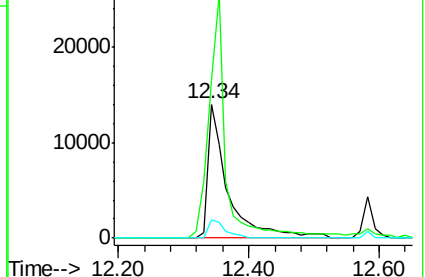
183 13.8 9.8 14.6

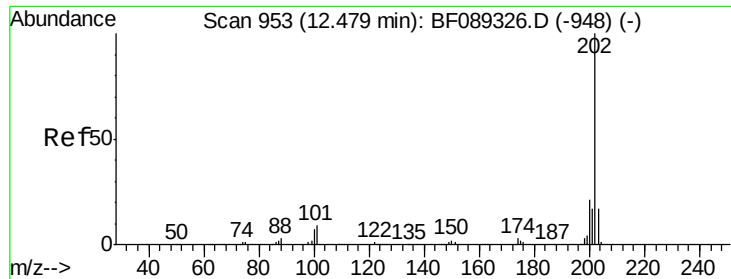


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

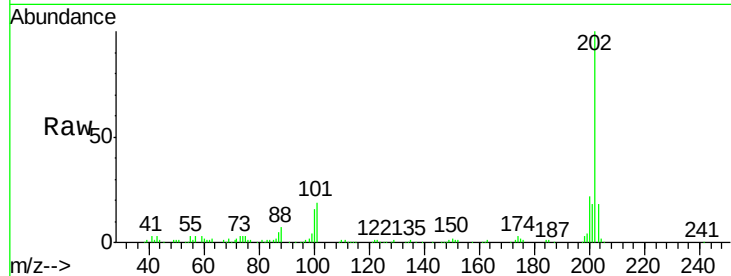




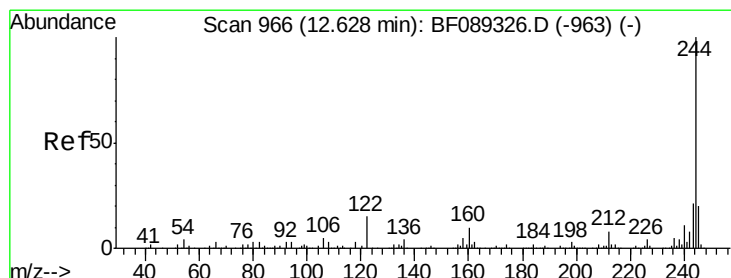
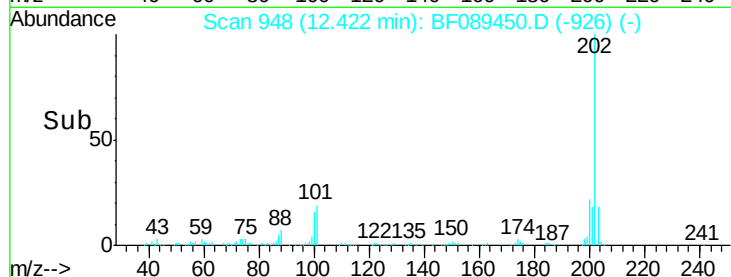
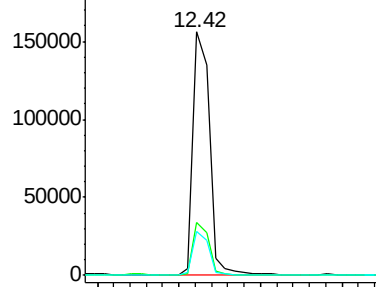
#77
Pvrene
Concen: 35.18 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 216814
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.3 14.0 21.0

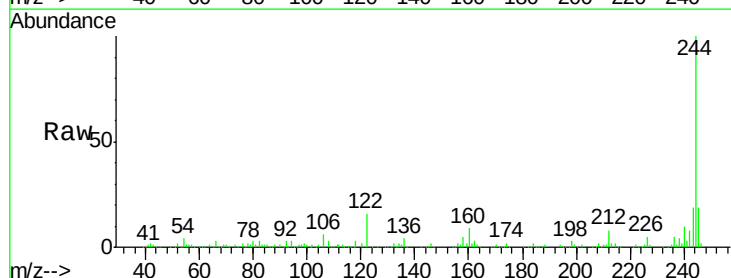


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

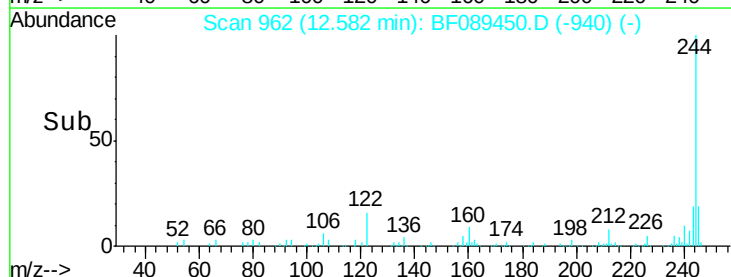
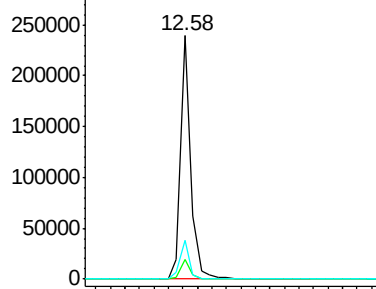


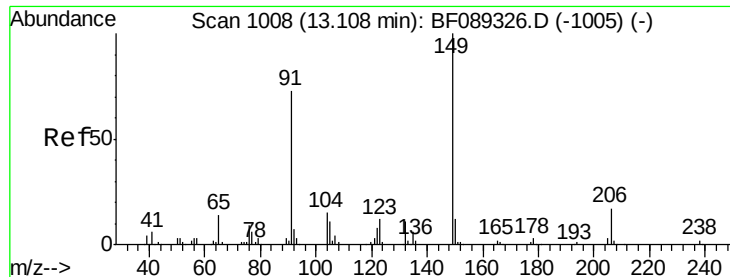
#78
Terphenyl-d14
Concen: 67.18 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:244 Resp: 233455
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 15.7 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: 32.99 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

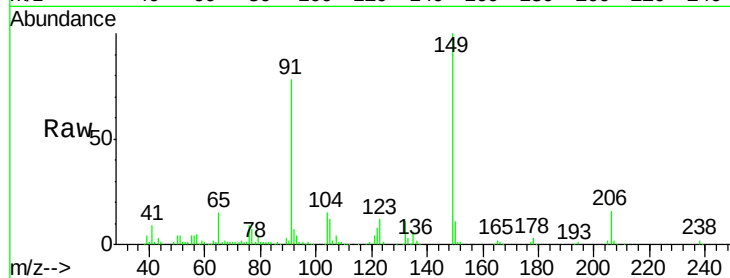
Tot Ion:149 Resp: 92444

Ion Ratio Lower Upper

149 100

91 78.1 58.5 87.7

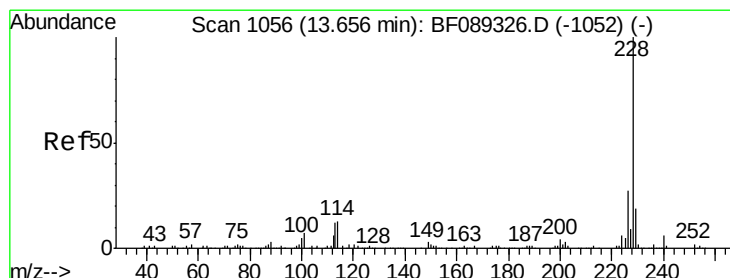
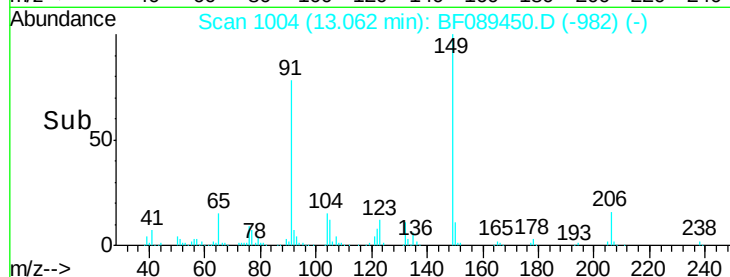
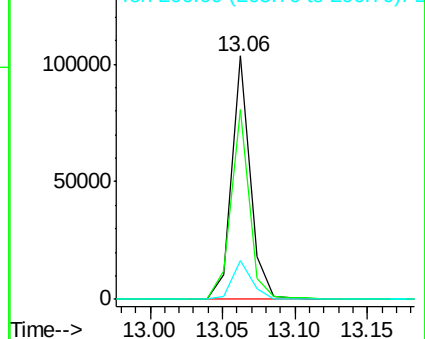
206 16.2 13.8 20.8



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: 33.53 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

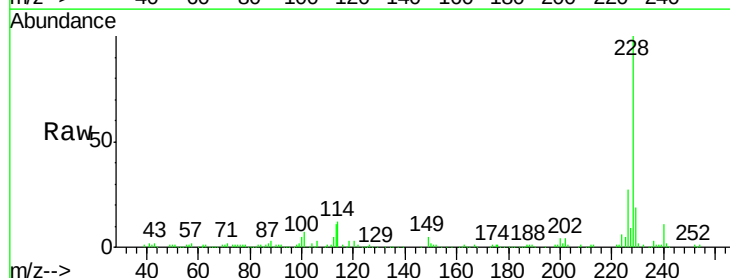
Tgt Ion:228 Resp: 153900

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.2

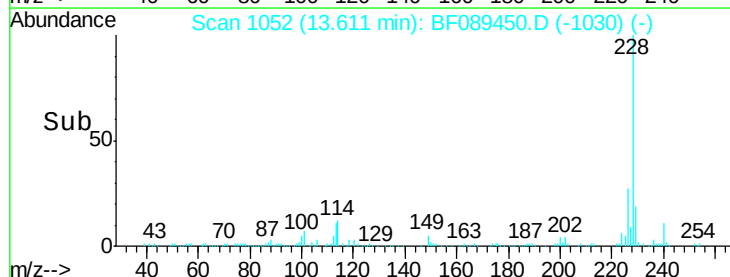
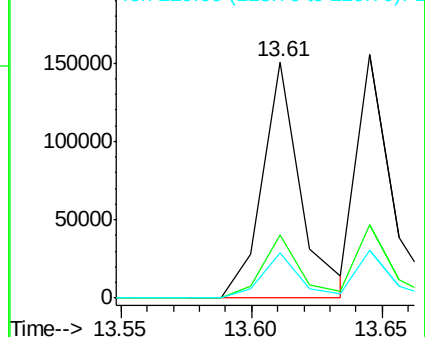
229 19.1 15.9 23.9

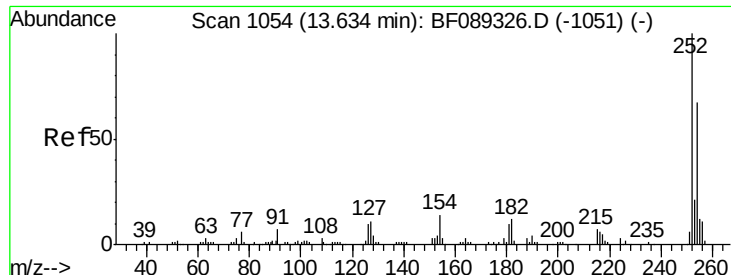


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

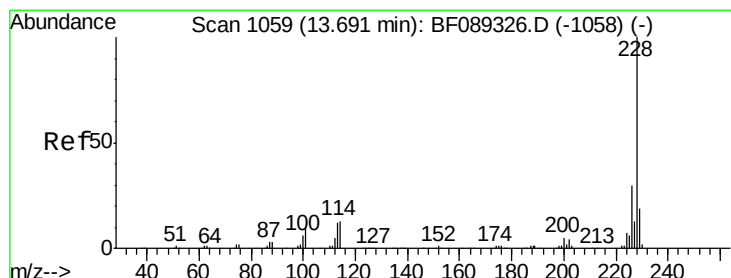
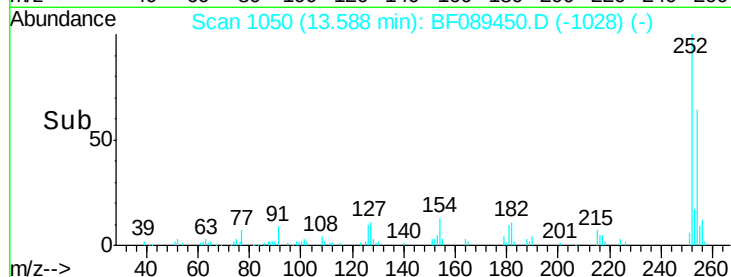
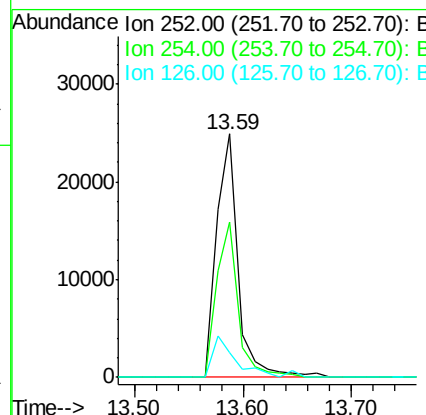
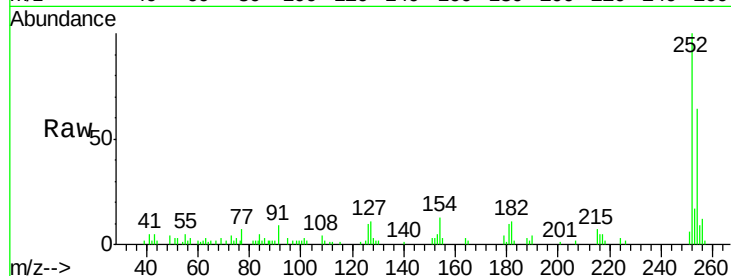




#81
 3,3'-Dichlorobenzidine
 Concen: 21.09 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

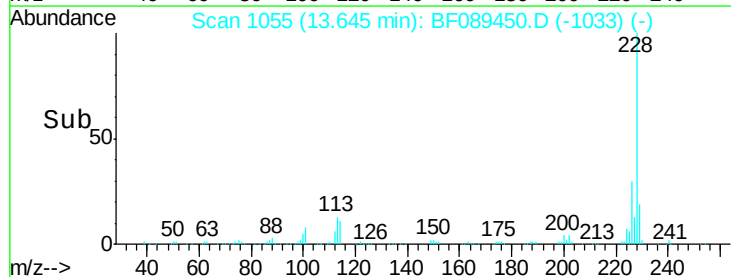
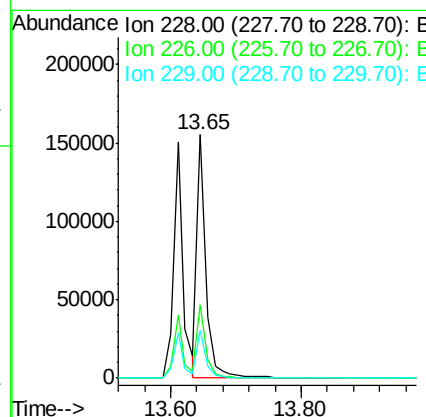
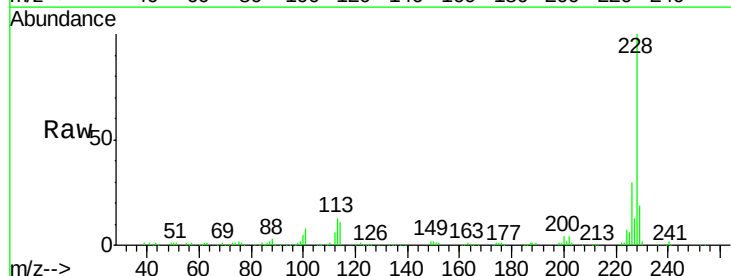
Instrument :
 BNA_F
 ClientSampleId :

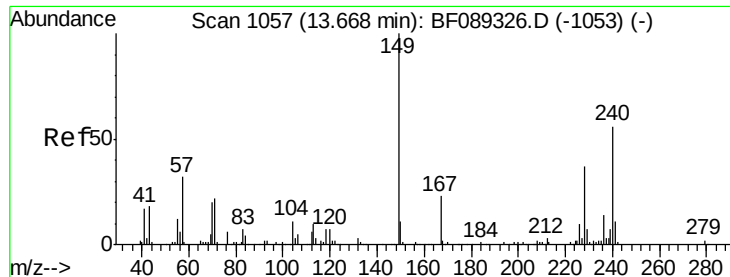
Tot Ion:252 Resp: 34828
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.5 78.7
 126 10.1 7.4 11.2



#82
 Chrysene
 Concen: 30.62 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:228 Resp: 149609
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.5 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.30 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

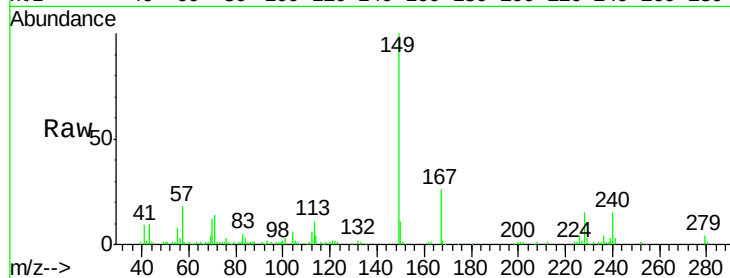
Tot Ion:149 Resp: 126793

Ion Ratio Lower Upper

149 100

167 26.4 18.8 28.2

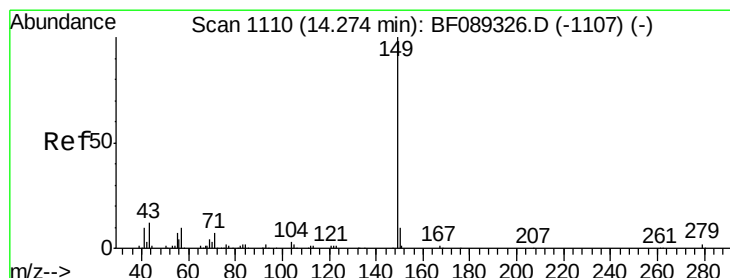
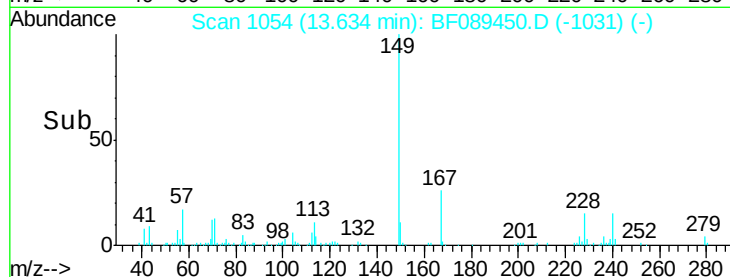
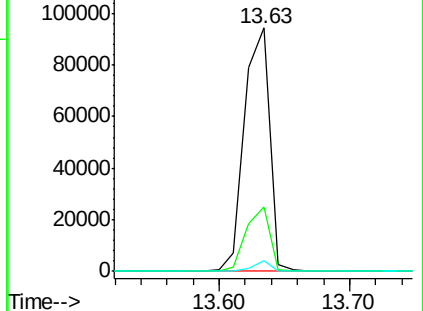
279 4.3 1.4 2.0#



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: 49.06 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

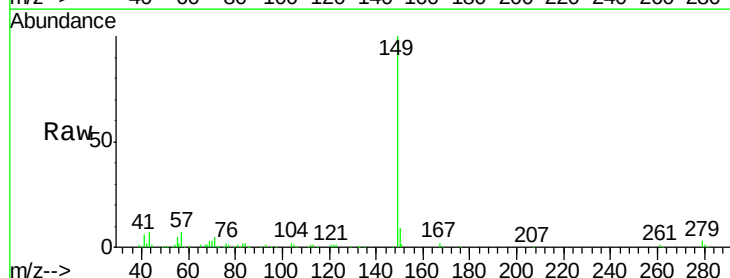
Tgt Ion:149 Resp: 310146

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

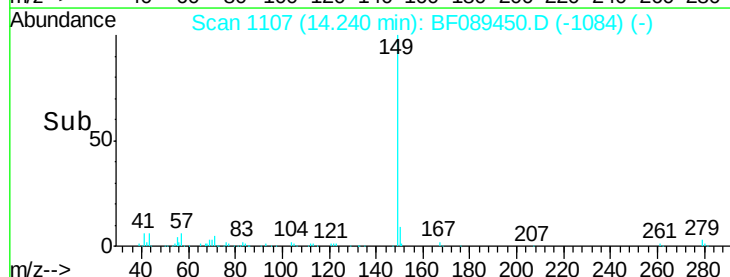
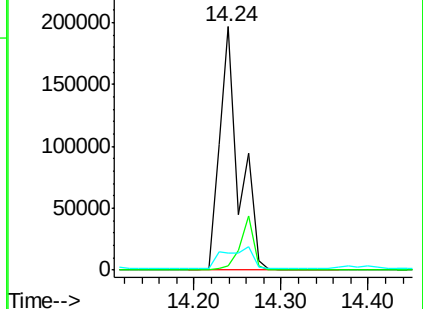
43 0.0 7.3 10.9#

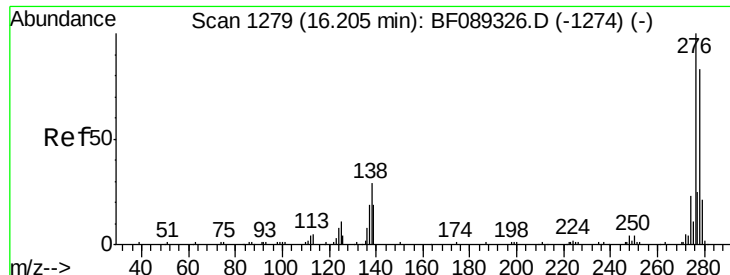


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

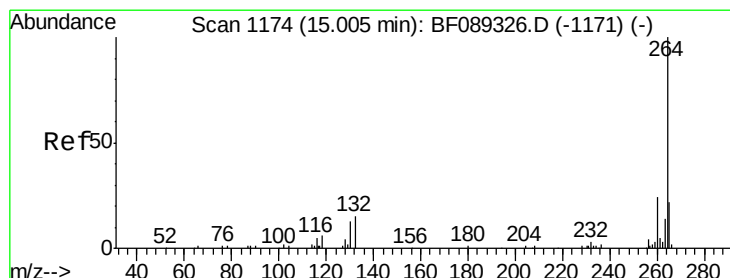
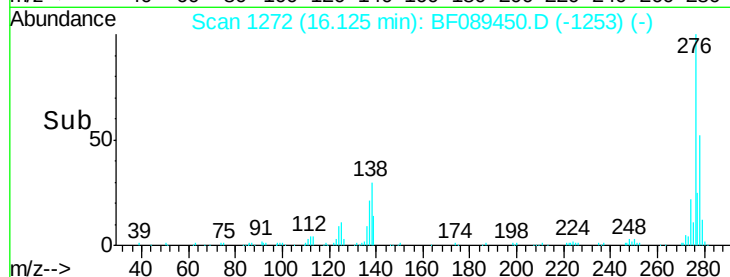
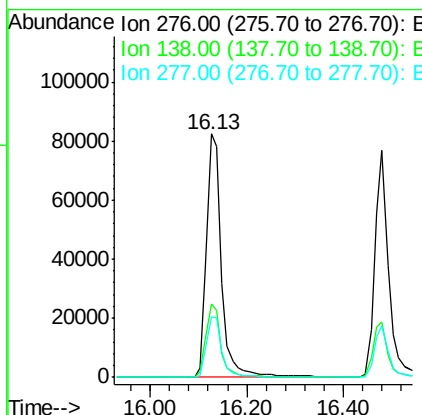
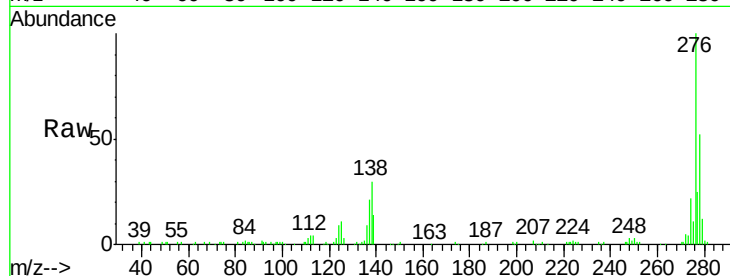




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.10 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. -0.08 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

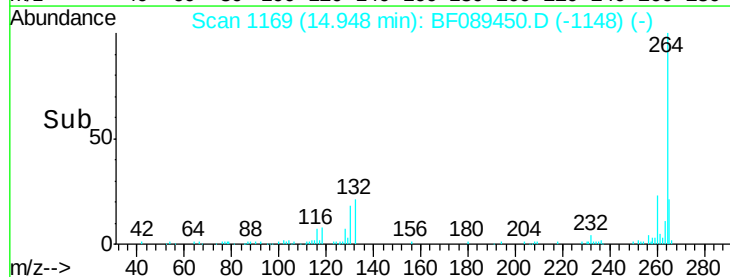
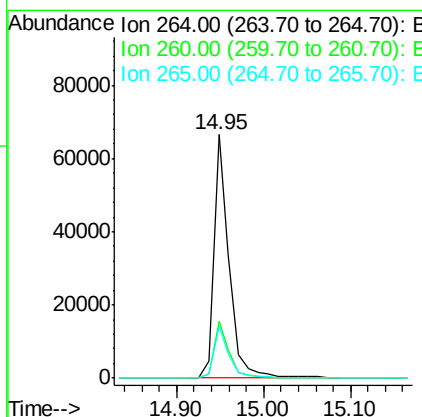
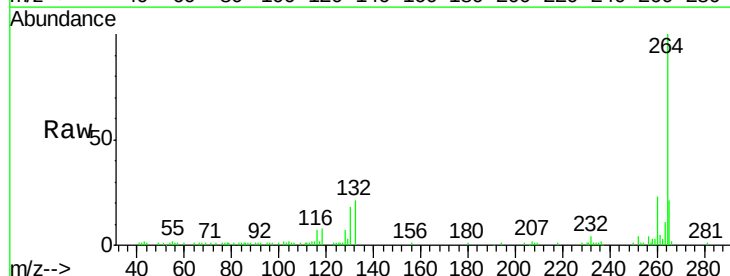
Instrument :
 BNA_F
 ClientSampleId :

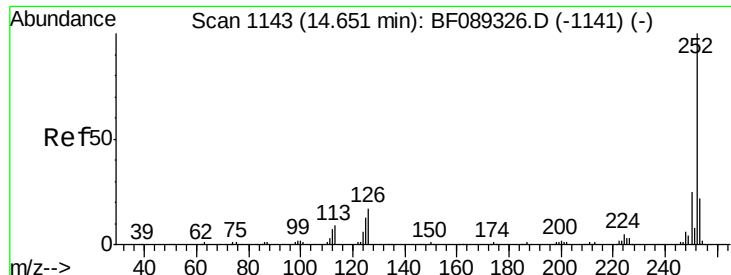
Tot Ion:276 Resp: 180969
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.0 34.4
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089450.D
 Acq: 30 Jul 2016 13:43

Tgt Ion:264 Resp: 81665
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.4 17.5 26.3

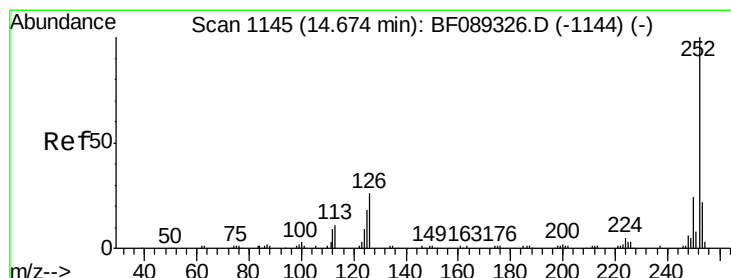
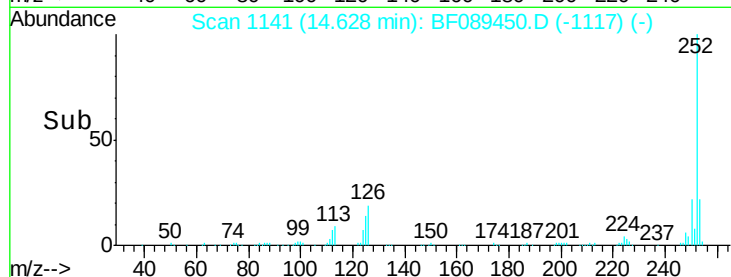
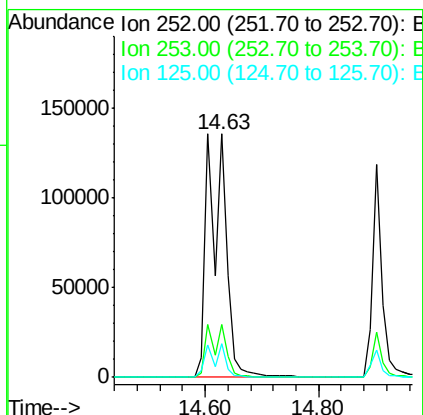
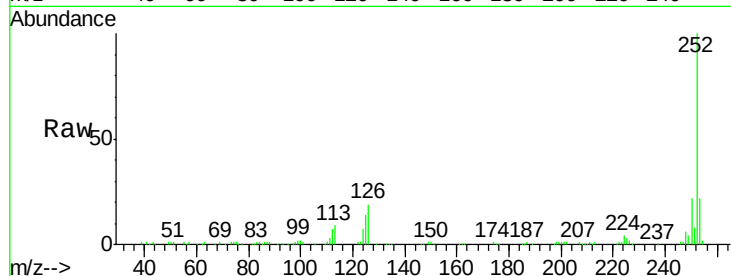




#87
Benzo(b)fluoranthene
Concen: 57.36 ng
RT: 14.63 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

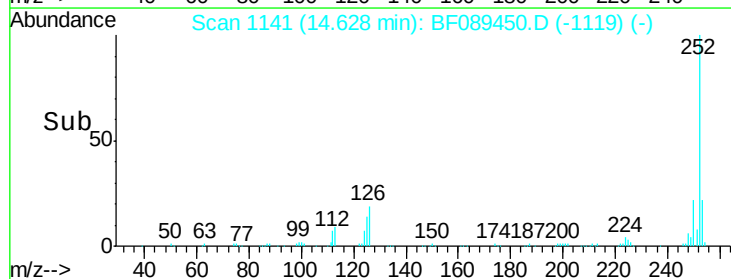
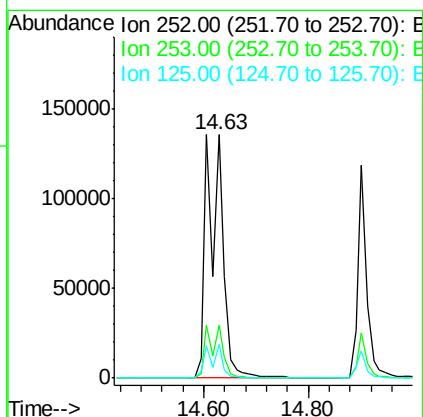
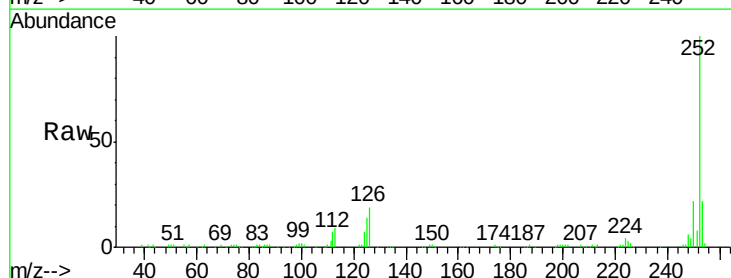
Instrument :
BNA_F
ClientSampleId :

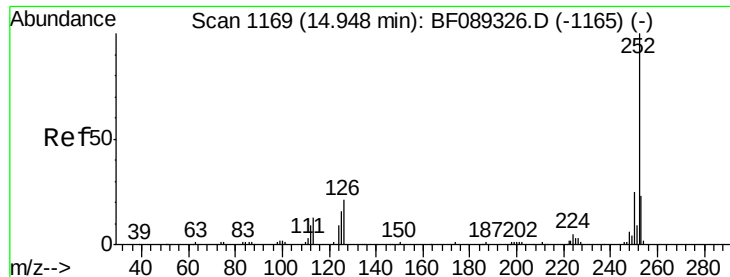
Tot Ion:252 Resp: 290924
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 13.6 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 62.44 ng
RT: 14.63 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF089450.D
Acq: 30 Jul 2016 13:43

Tgt Ion:252 Resp: 291152
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 13.6 10.7 16.1





#89

Benzo(a)pyrene

Concen: 31.74 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

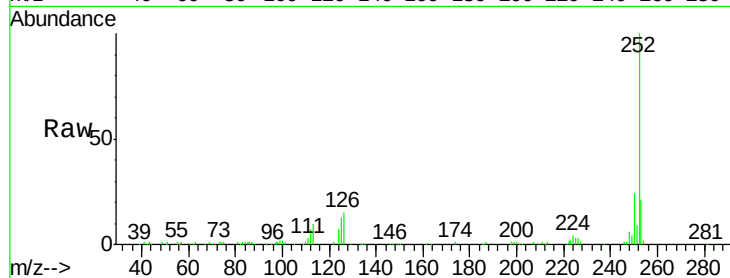
Tot Ion:252 Resp: 144416

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

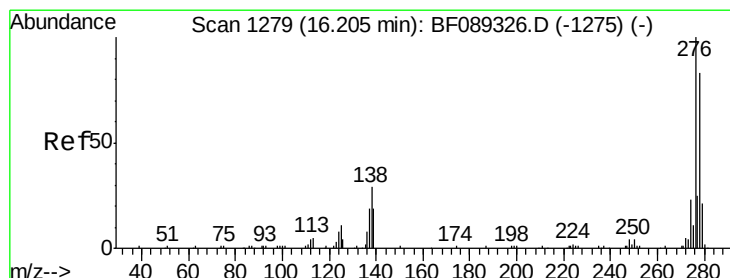
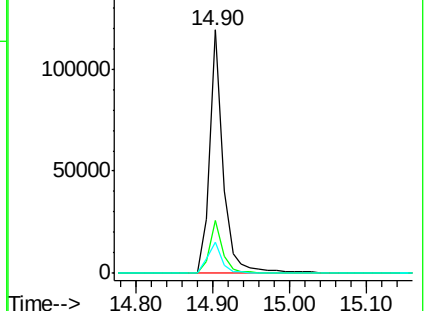
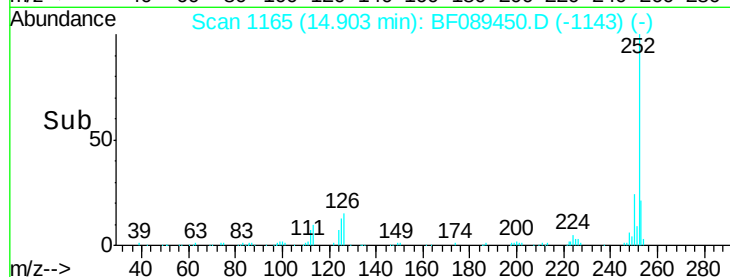
125 12.6 12.4 18.6



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: 41.13 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.07 min

Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

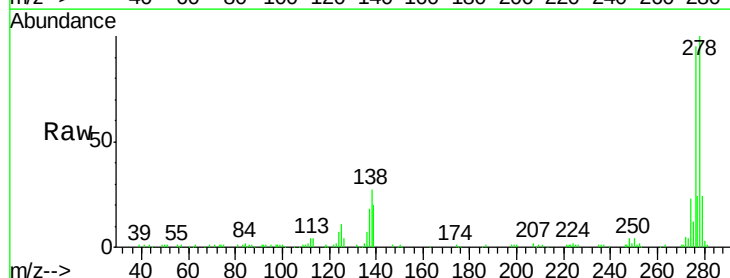
Tgt Ion:278 Resp: 147421

Ion Ratio Lower Upper

278 100

139 19.8 16.3 24.5

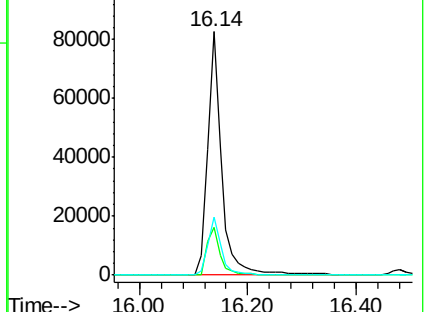
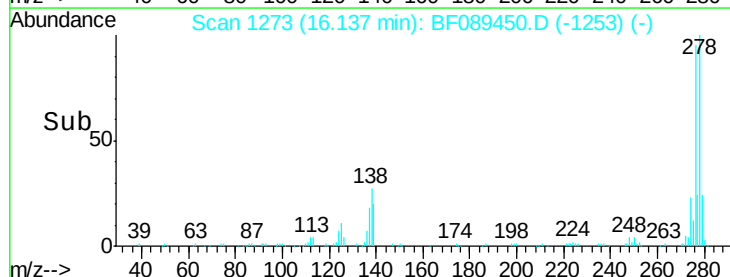
279 23.9 19.1 28.7

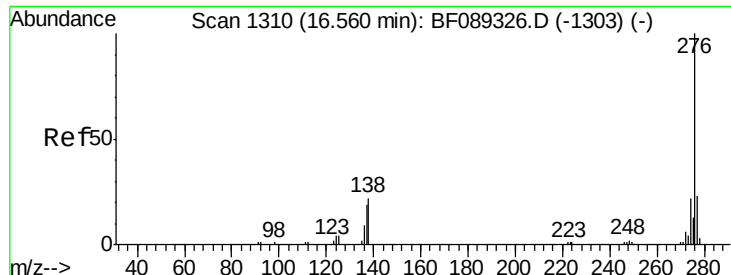


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.99 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.07 min

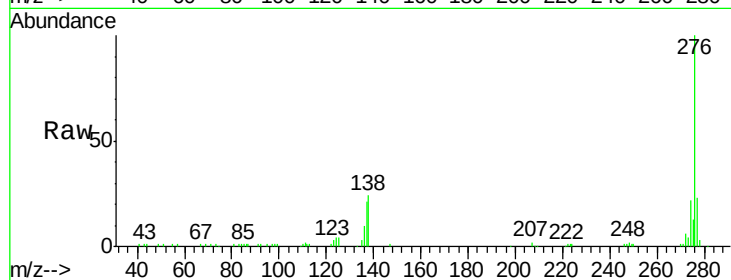
Lab File: BF089450.D

Acq: 30 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :



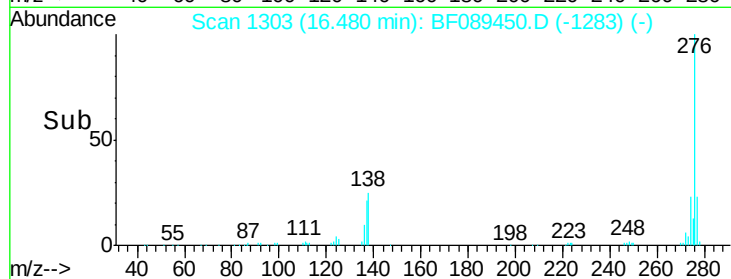
Tot Ion: 276 Resp: 154980

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 24.4 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

