

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082354.D
 Acq On : 19 Oct 2015 14:34
 Operator : UM/IZ
 Sample : PB86144BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Quant Time: Oct 20 02:01:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102323	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	392208	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	208807	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	389236	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	370193	20.00	ng	-0.03
86) Perylene-d12	15.60	264	315291	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	606389	119.60	ng	0.01
7) Phenol-d6	6.45	99	758810	115.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	481399	82.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	208959	106.71	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1059614	84.16	ng	0.00
78) Terphenyl-d14	12.94	244	1019094	72.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	80706	31.68	ng	98
3) Pyridine	3.13	79	209472	35.36	ng	99
4) n-Nitrosodimethylamine	3.10	42	93900	37.37	ng	98
6) Aniline	6.47	93	188404	22.15	ng	# 77
8) 2-Chlorophenol	6.58	128	224571	36.28	ng	# 75
9) Benzaldehyde	6.34	77	74604	22.14	ng	87
10) Phenol	6.46	94	252614	33.21	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	228748	35.56	ng	96
12) 1,3-Dichlorobenzene	6.97	146	261388	36.26	ng	100
13) 1,4-Dichlorobenzene	6.82	146	274847	36.51	ng	96
14) 1,2-Dichlorobenzene	6.97	146	266201	37.24	ng	95
15) Benzyl Alcohol	6.95	79	181850	39.93	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	321550	35.90	ng	98
17) 2-Methylphenol	7.07	107	196158	40.08	ng	98
18) Hexachloroethane	7.31	117	94735	36.77	ng	# 83
19) n-Nitroso-di-n-propylamine	7.22	70	162247	35.02	ng	# 88
20) 3+4-Methylphenols	7.22	107	234790	40.26	ng	96
22) Acetophenone	7.22	105	321001	41.37	ng	# 95
24) Nitrobenzene	7.39	77	246314	38.96	ng	96
25) Isophorone	7.63	82	458507	38.90	ng	98
26) 2-Nitrophenol	7.71	139	136427	43.22	ng	96
27) 2,4-Dimethylphenol	7.76	122	222774	43.80	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	294869	42.99	ng	99
29) 2,4-Dichlorophenol	7.95	162	218009	42.88	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	233084	39.78	ng	98
31) Naphthalene	8.11	128	675314	39.72	ng	100
32) Benzoic acid	7.90	122	130469	38.22	ng	91
33) 4-Chloroaniline	8.17	127	117243	16.60	ng	98
34) Hexachlorobutadiene	8.23	225	139237	38.13	ng	98
35) Caprolactam	8.55	113	62732	42.52	ng	# 72
36) 4-Chloro-3-methylphenol	8.66	107	221009	44.46	ng	97
37) 2-Methylnaphthalene	8.81	142	505084	42.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	224804	36.20	ng	97
40) Hexachlorocyclopentadiene	8.96	237	195984	64.19	ng	98

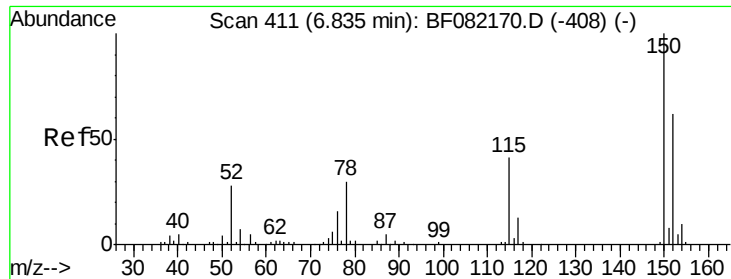
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082354.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	158897	38.52	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	171011	38.27	nq	# 87
45) 1,1'-Biphenyl	9.28	154	614987	38.62	nq	95
46) 2-Chloronaphthalene	9.30	162	495349	39.52	nq	99
47) 2-Nitroaniline	9.41	65	146791	42.66	nq	# 79
48) Acenaphthylene	9.71	152	744564	38.13	nq	99
49) Dimethylphthalate	9.59	163	587210	39.94	nq	98
50) 2,6-Dinitrotoluene	9.65	165	121058	39.02	nq	# 80
51) Acenaphthene	9.89	154	426023	36.34	nq	99
52) 3-Nitroaniline	9.82	138	66828	19.07	nq	98
53) 2,4-Dinitrophenol	9.93	184	135755	78.44	nq	# 90
54) Dibenzofuran	10.06	168	629015	39.08	nq	96
55) 4-Nitrophenol	9.99	139	152296	67.21	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	175394	45.23	nq	92
57) Fluorene	10.40	166	503664	38.10	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	146102	40.02	nq	98
59) Diethylphthalate	10.29	149	597140	43.57	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	253709	41.90	nq	# 79
61) 4-Nitroaniline	10.43	138	123740	36.40	nq	93
62) Azobenzene	10.56	77	551625	41.12	nq	86
64) 4,6-Dinitro-2-methylphenol	10.46	198	89454	40.95	nq	# 54
65) n-Nitrosodiphenylamine	10.51	169	461358	39.59	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	152908	39.25	nq	# 80
67) Hexachlorobenzene	10.95	284	165199	39.21	nq	# 78
68) Atrazine	11.05	200	177616	48.11	nq	99
69) Pentachlorophenol	11.15	266	178737	82.45	nq	97
70) Phenanthrene	11.37	178	823695	43.17	nq	99
71) Anthracene	11.42	178	831752	42.31	nq	99
72) Carbazole	11.58	167	719677	40.13	nq	99
73) Di-n-butylphthalate	11.91	149	984738	44.51	nq	99
74) Fluoranthene	12.56	202	929782	45.37	nq	98
76) Benzidine	12.69	184	284474	26.52	nq	97
77) Pyrene	12.79	202	857310	39.02	nq	99
79) Butylbenzylphthalate	13.43	149	393959	39.29	nq	95
80) Benzo(a)anthracene	14.05	228	748540	38.86	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	167711	22.94	nq	# 98
82) Chrysene	14.08	228	725269	35.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	571543	39.96	nq	99
84) Di-n-octyl phthalate	14.73	149	966778	39.36	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	624762	38.73	nq	98
87) Benzo(b)fluoranthene	15.19	252	1393859	72.66	nq	# 97
88) Benzo(k)fluoranthene	15.19	252	1395801	86.57	nq	99
89) Benzo(a)pyrene	15.54	252	651616	39.53	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	530312	39.25	nq	99
91) Benzo(g,h,i)perylene	17.46	276	512423	39.04	nq	99

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

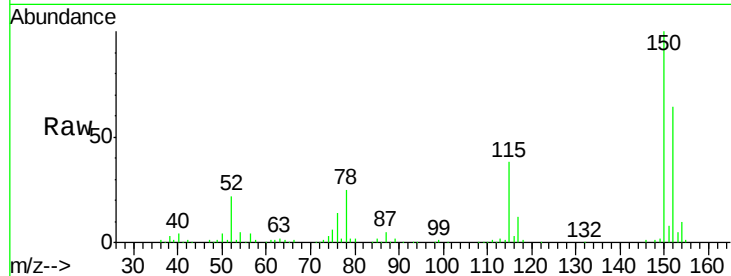


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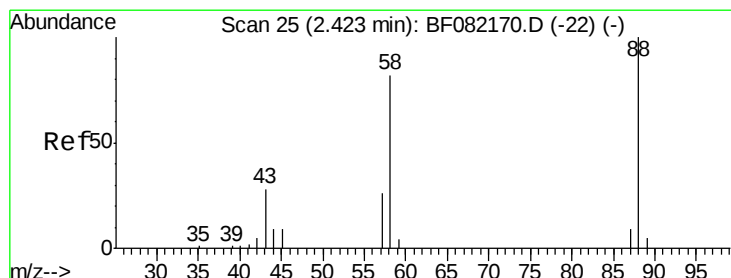
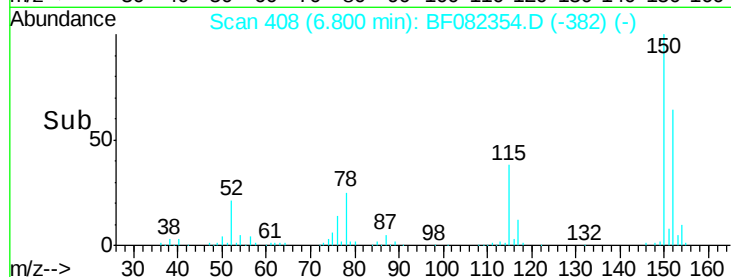
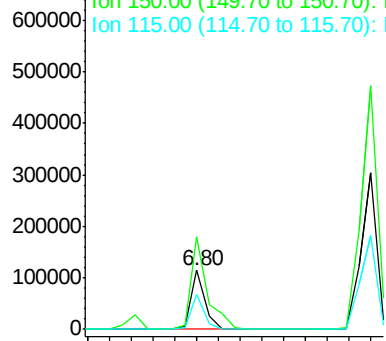
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:152 Resp: 102323
Ion Ratio Lower Upper
152 100
150 155.9 129.0 193.4
115 58.9 52.1 78.1



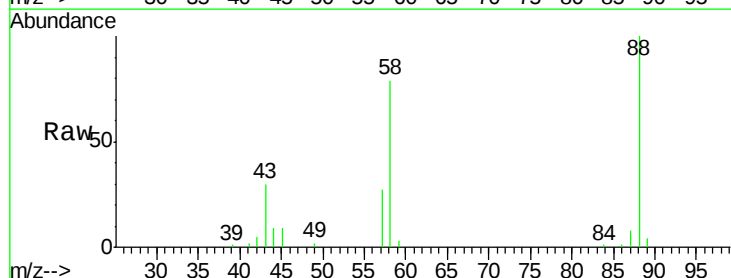
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



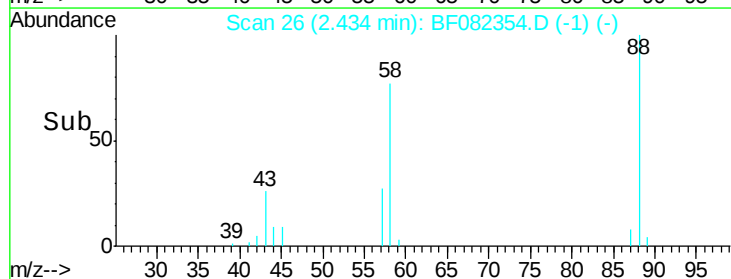
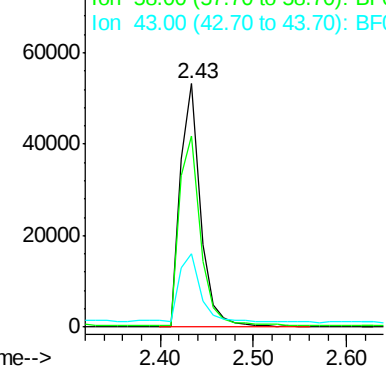
#2

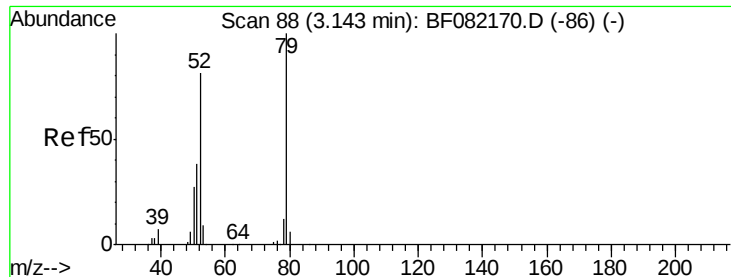
1,4-Dioxane
Concen: 31.68 ng
RT: 2.43 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion: 88 Resp: 80706
Ion Ratio Lower Upper
88 100
58 81.1 66.2 99.4
43 29.5 23.0 34.4



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: 35.36 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

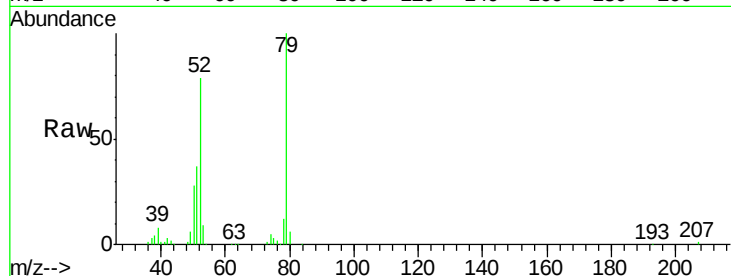
Tot Ion: 79 Resp: 209472

Ion Ratio Lower Upper

79 100

52 79.2 64.4 96.6

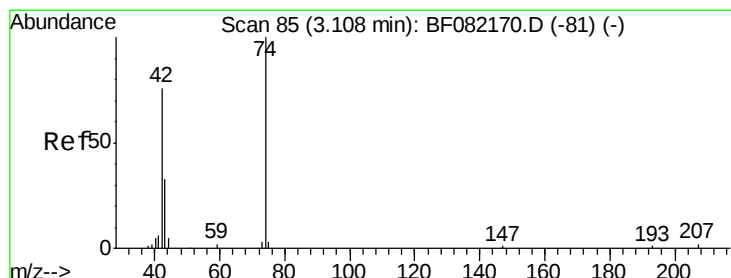
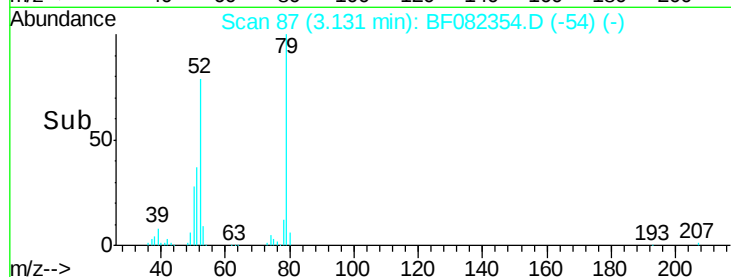
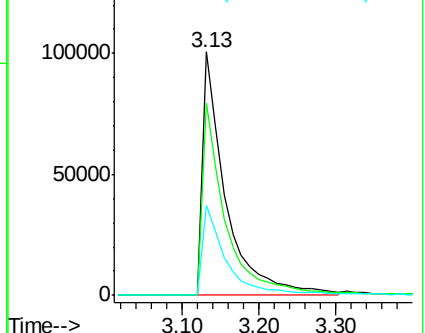
51 37.2 30.5 45.7



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: 37.37 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

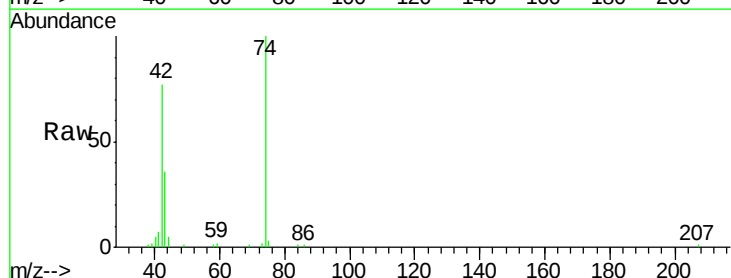
Tgt Ion: 42 Resp: 93900

Ion Ratio Lower Upper

42 100

74 129.6 105.7 158.5

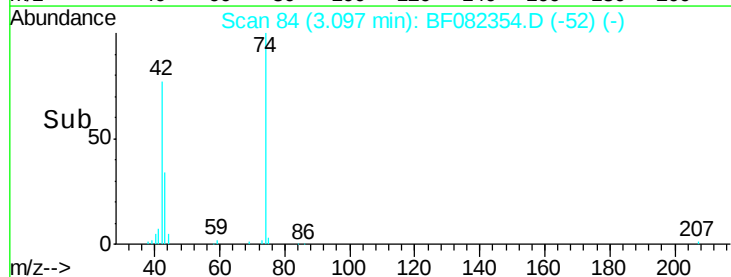
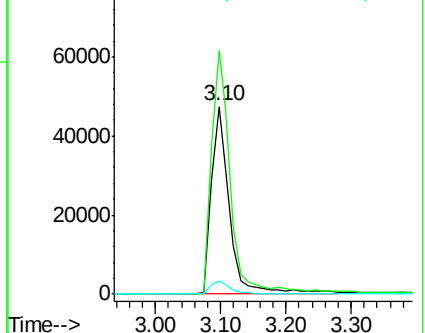
44 6.7 5.4 8.2

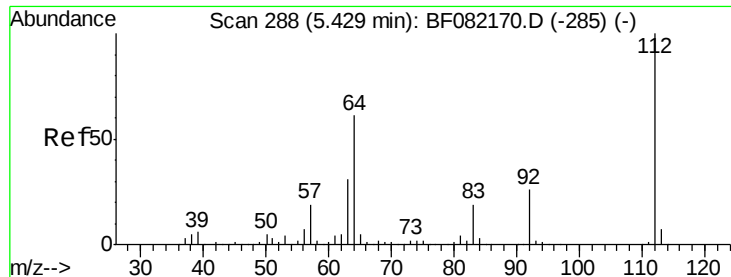


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.60 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

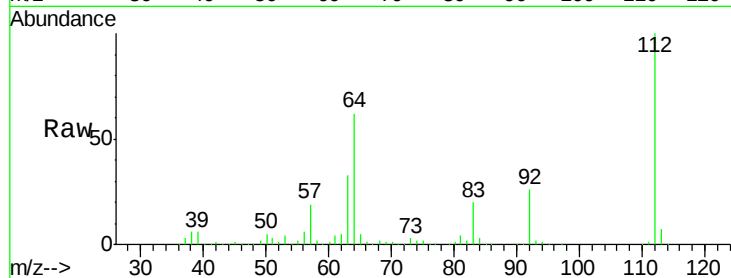
Tot Ion:112 Resp: 606389

Ion Ratio Lower Upper

112 100

64 61.5 48.6 73.0

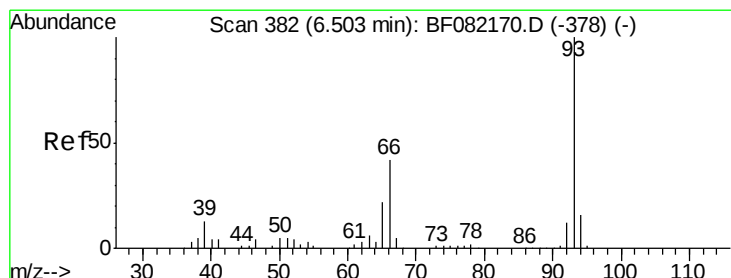
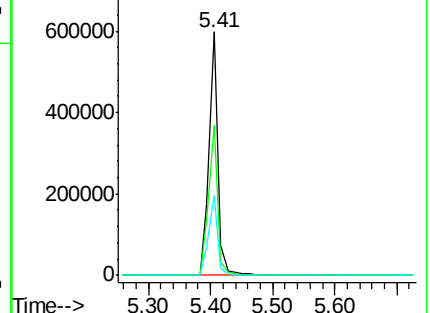
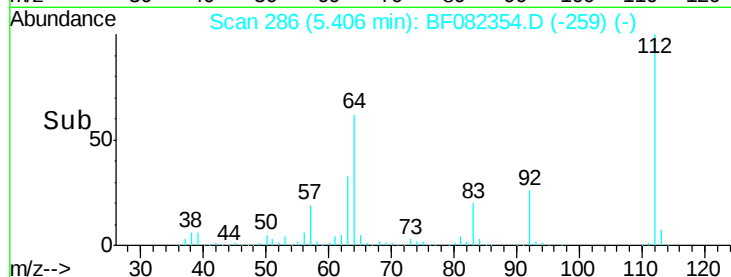
63 32.6 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): BF082170.D (-285) (-)

Ion 64.00 (63.70 to 64.70): BF082170.D (-285) (-)

Ion 63.00 (62.70 to 63.70): BF082170.D (-285) (-)



#6

Aniline

Concen: 22.15 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

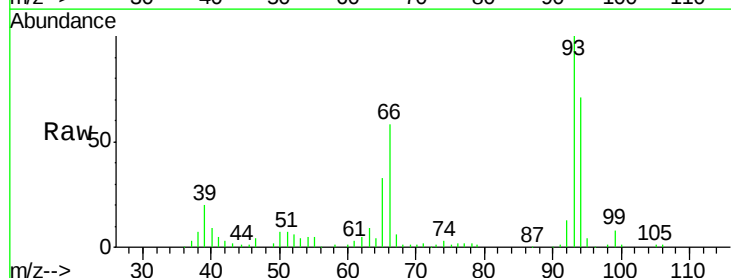
Tgt Ion: 93 Resp: 188404

Ion Ratio Lower Upper

93 100

66 57.9 34.2 51.2#

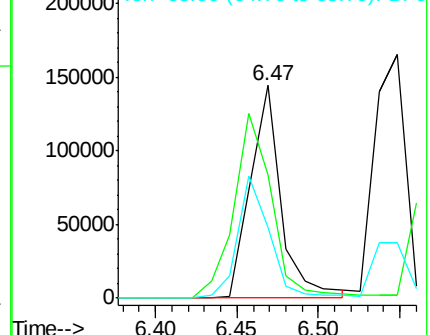
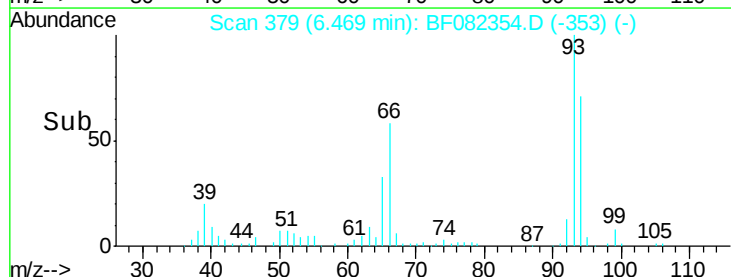
65 33.0 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF082170.D (-378) (-)

Ion 66.00 (65.70 to 66.70): BF082170.D (-378) (-)

Ion 65.00 (64.70 to 65.70): BF082170.D (-378) (-)





#7

Phenol-d6

Concen: 115.01 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

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ClientSampleId :

PB86144BS

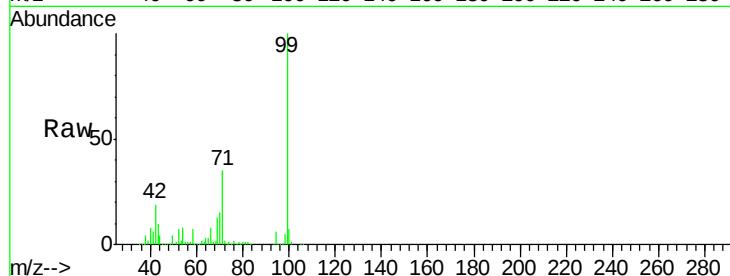
Tot Ion: 99 Resp: 758810

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

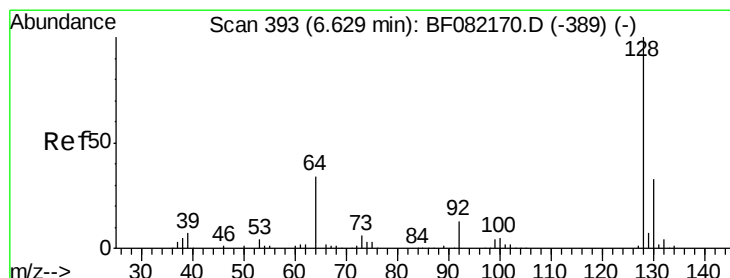
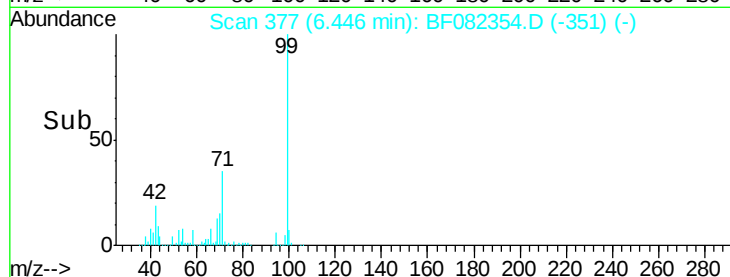
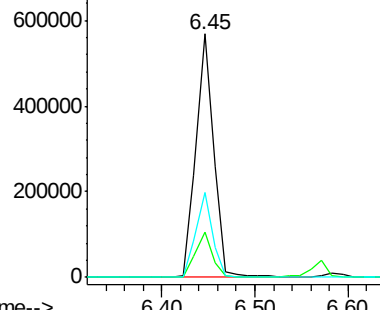
71 35.0 25.6 38.4



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: 36.28 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

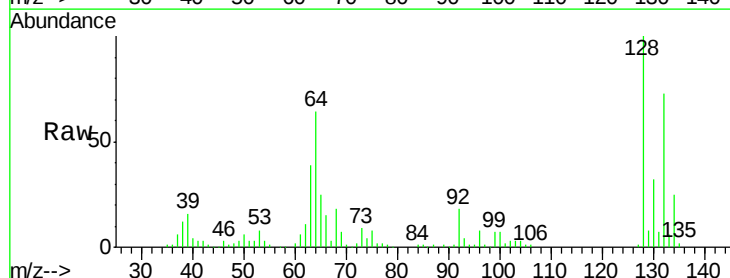
Tgt Ion: 128 Resp: 224571

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

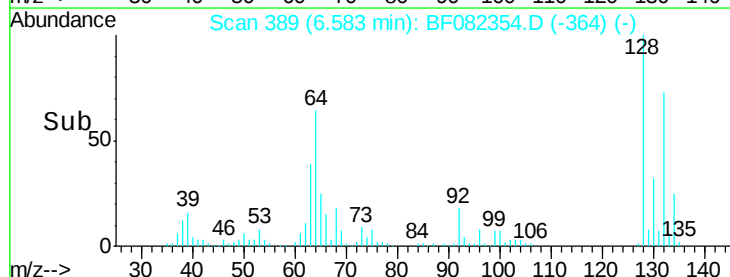
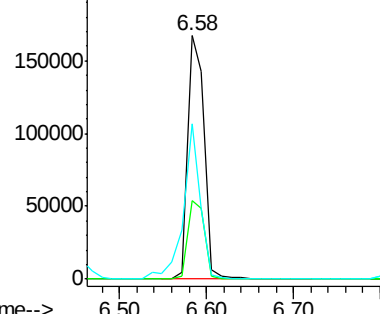
64 63.7 16.7 56.7#

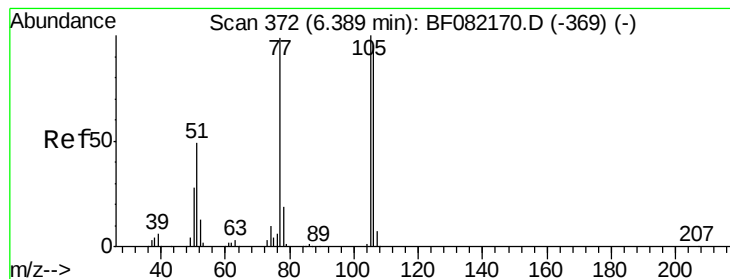


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.14 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

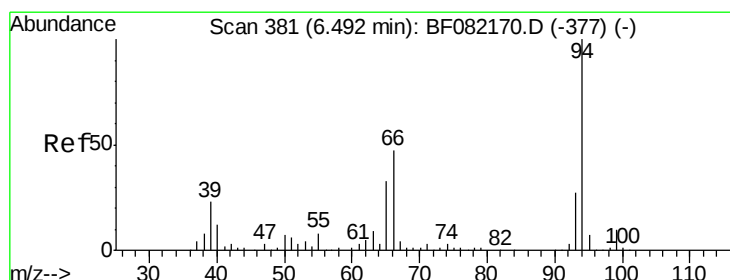
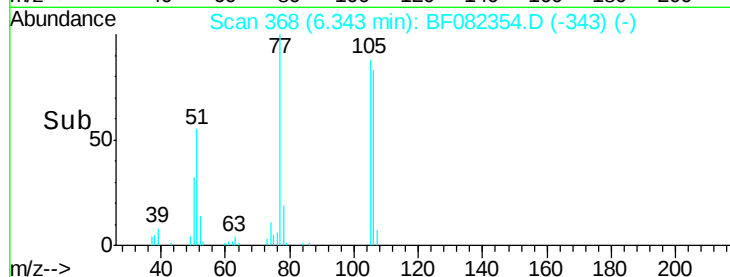
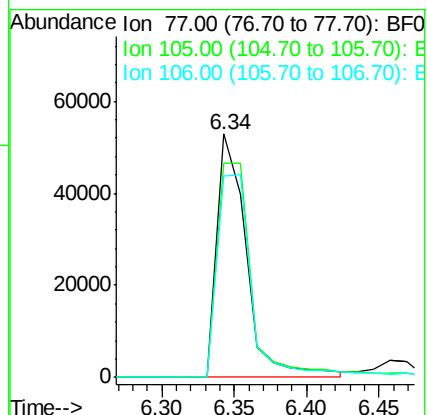
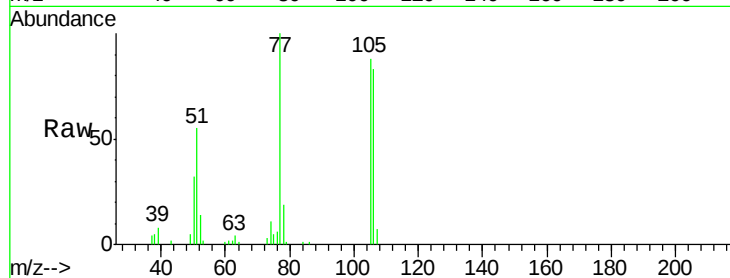
Tot Ion: 77 Resp: 74604

Ion Ratio Lower Upper

77 100

105 87.8 80.6 120.6

106 82.8 75.5 115.5



#10

Phenol

Concen: 33.21 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

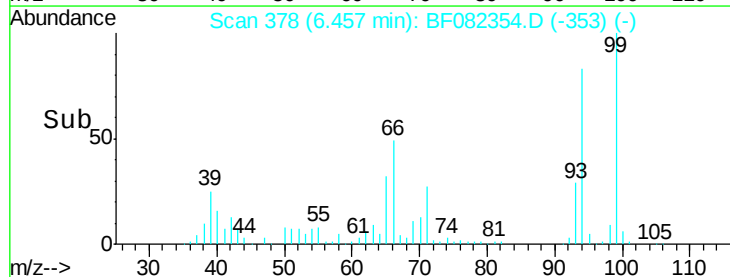
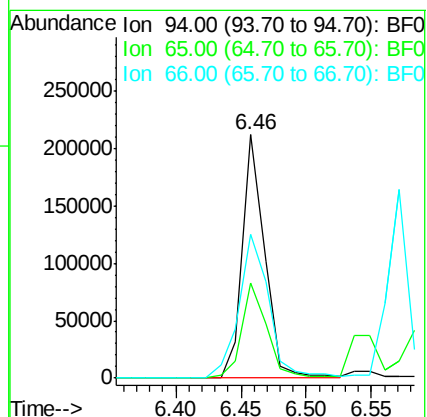
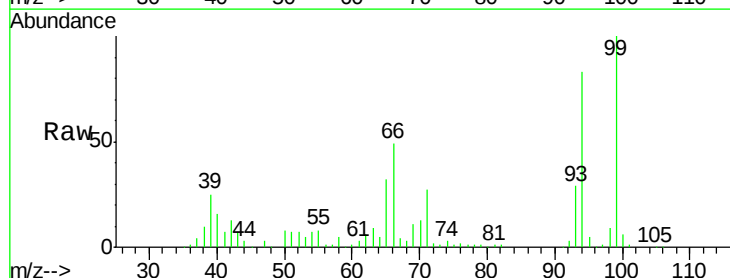
Tgt Ion: 94 Resp: 252614

Ion Ratio Lower Upper

94 100

65 39.2 12.6 52.6

66 59.2 27.3 67.3

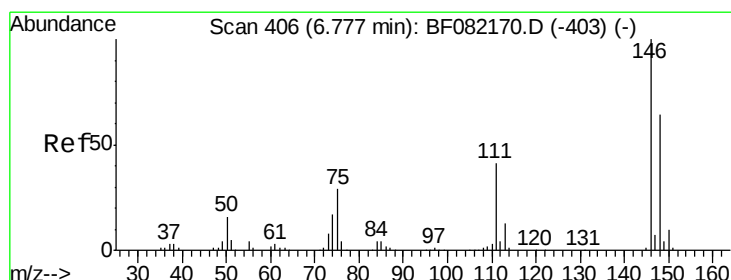
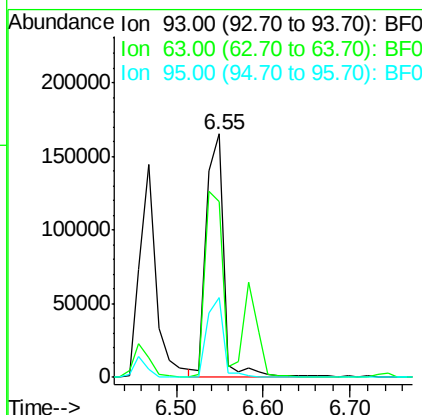
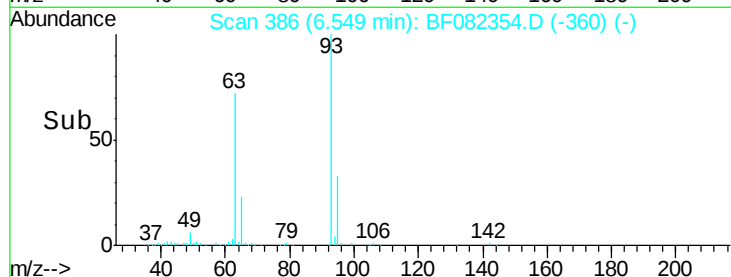
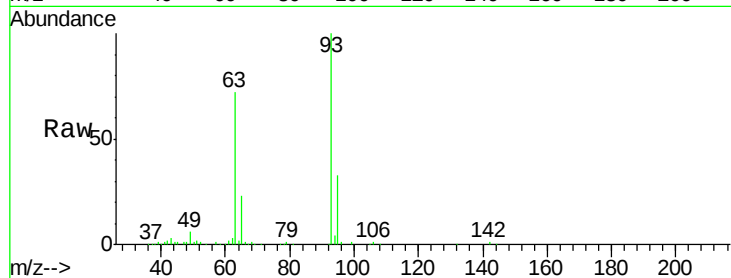




#11
bis(2-Chloroethyl)ether
Concen: 35.56 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

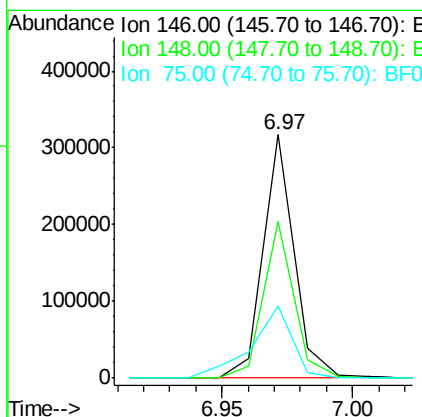
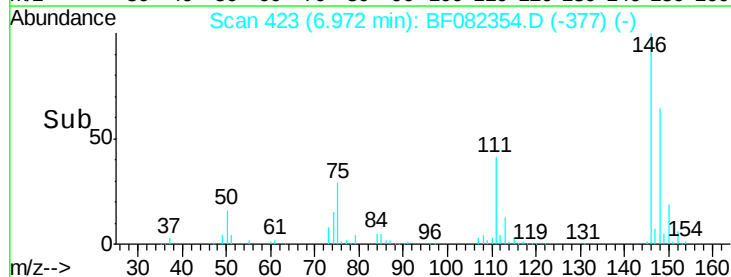
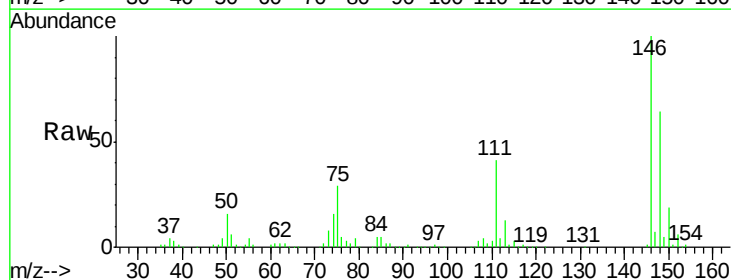
Instrument :
BNA_F
ClientSampleId :
PB86144BS

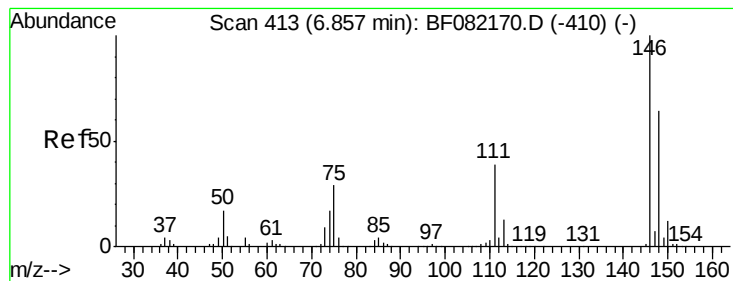
Tot Ion: 93 Resp: 228748
Ion Ratio Lower Upper
93 100
63 72.1 57.1 97.1
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.26 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.23 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion: 146 Resp: 261388
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 29.4 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 36.51 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

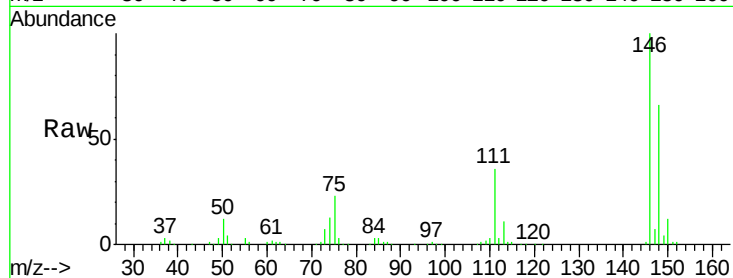
Tot Ion:146 Resp: 274847

Ion Ratio Lower Upper

146 100

148 66.4 51.0 76.4

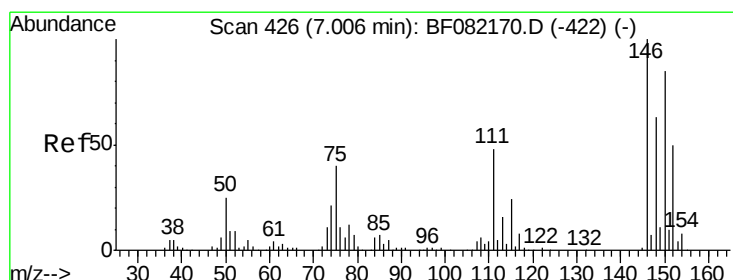
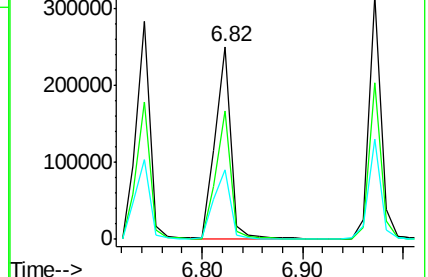
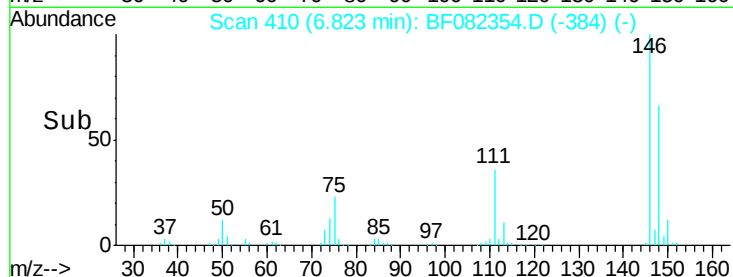
111 35.8 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.24 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

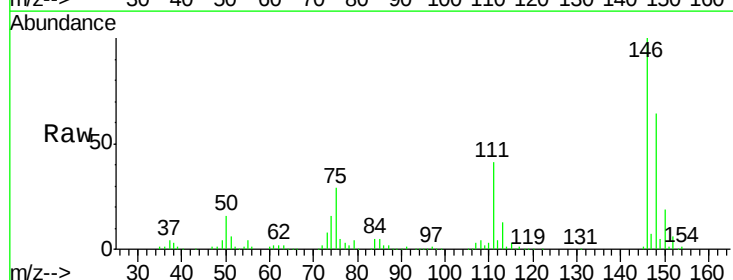
Tgt Ion:146 Resp: 266201

Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

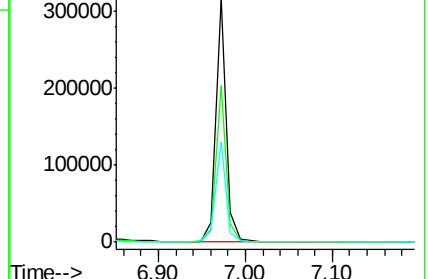
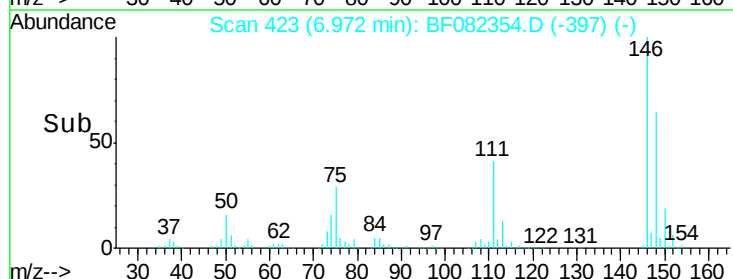
111 41.3 38.5 57.7

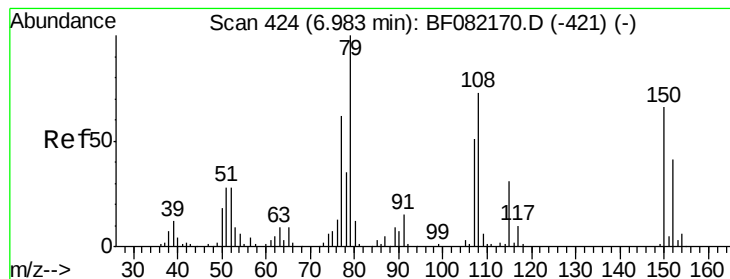


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.93 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

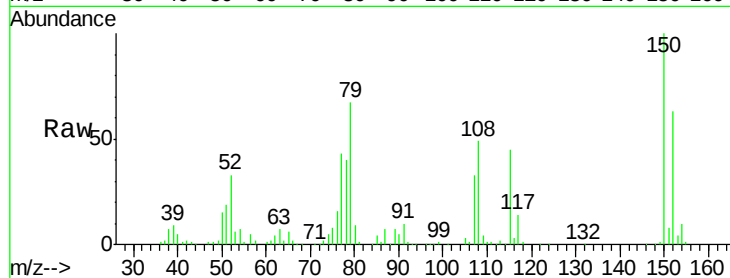
Tot Ion: 79 Resp: 181850

Ion Ratio Lower Upper

79 100

108 73.4 58.4 87.6

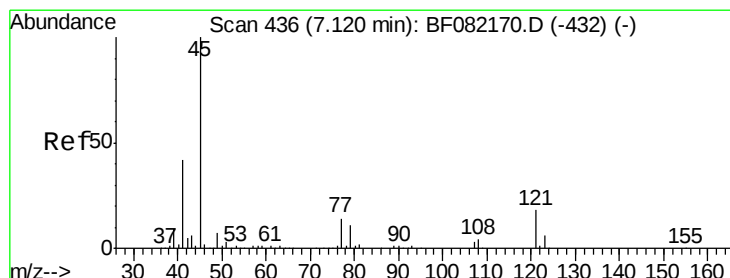
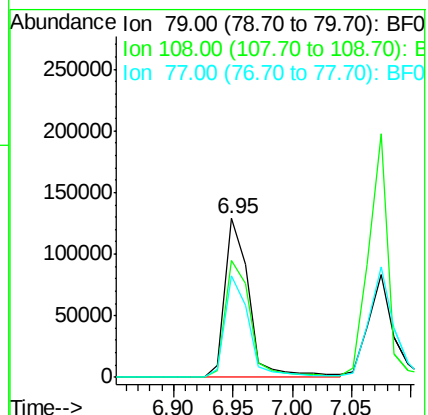
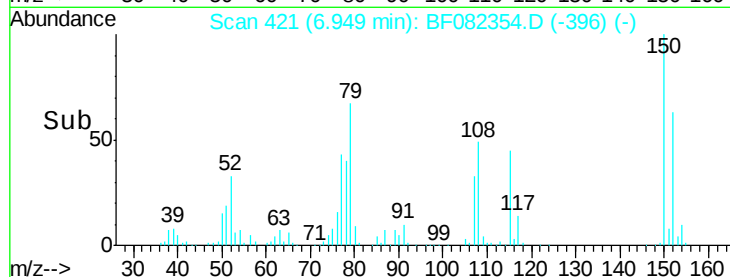
77 64.3 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.90 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

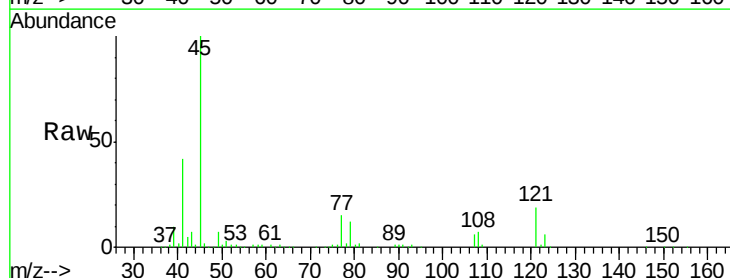
Tgt Ion: 45 Resp: 321550

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.5

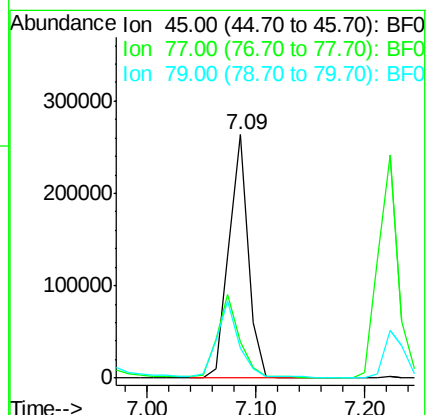
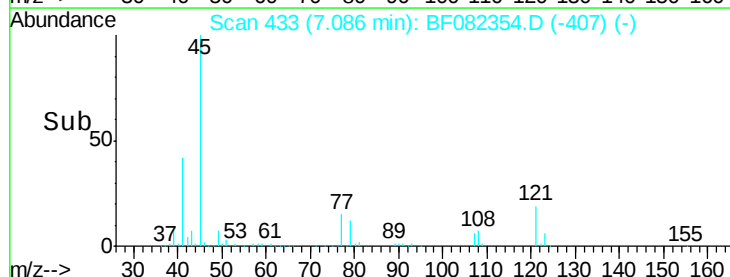
79 12.3 0.0 31.6

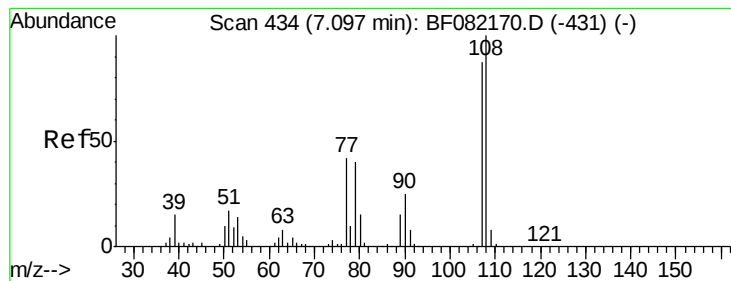


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

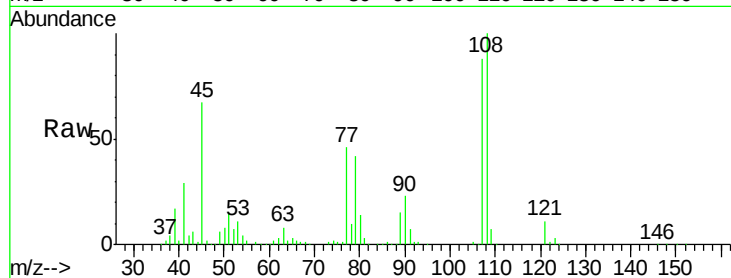




#17
2-Methylphenol
Concen: 40.08 ng
RT: 7.07 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.2	138.2
77	51.8	39.6	59.4
79	47.7	38.2	57.4



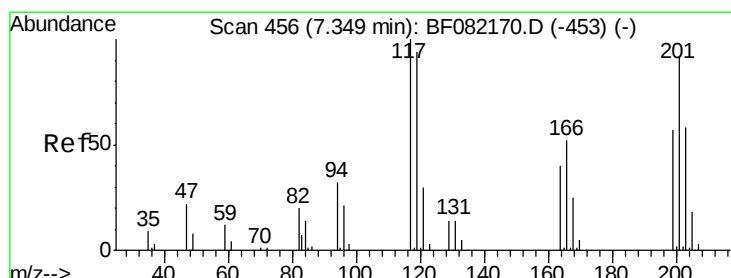
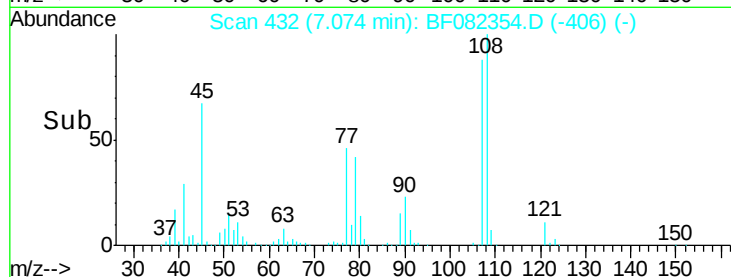
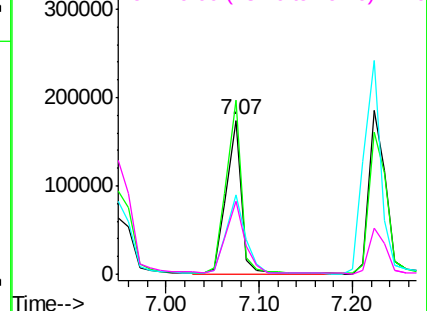
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

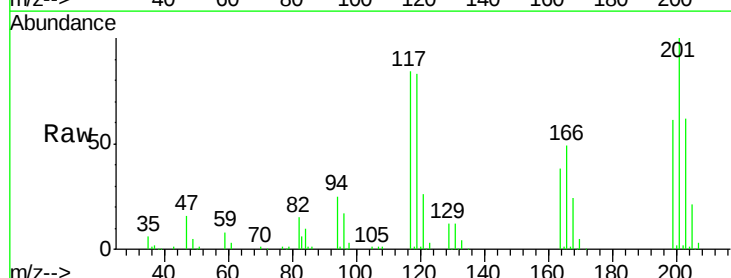
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.77 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.4	113.2
201	119.1	73.4	110.0#

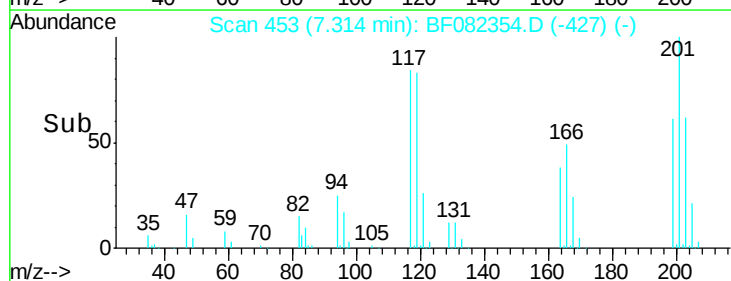
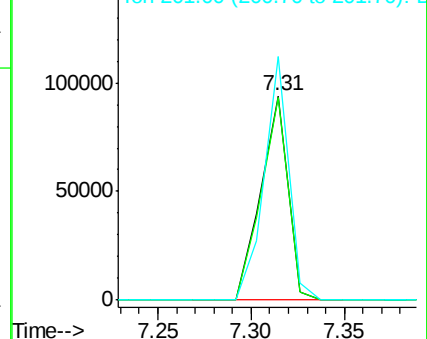


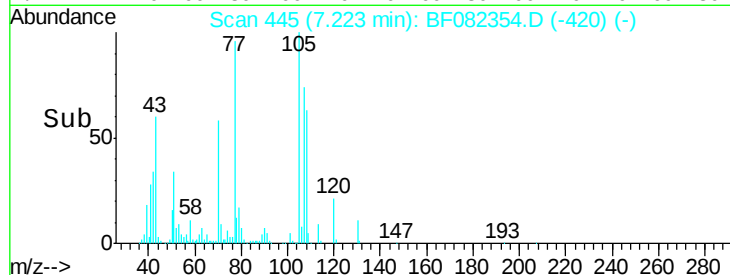
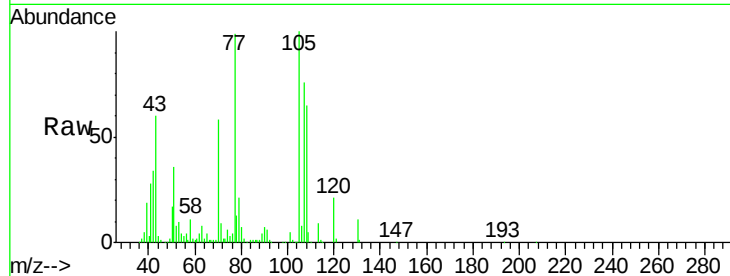
Abundance

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

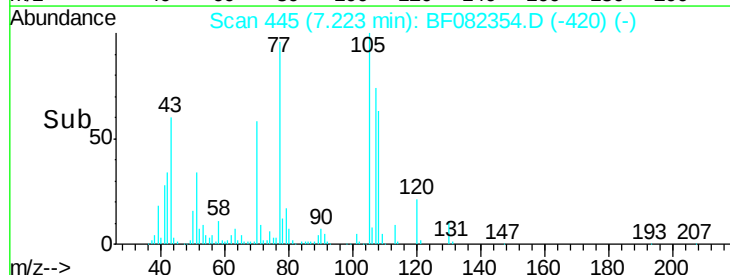
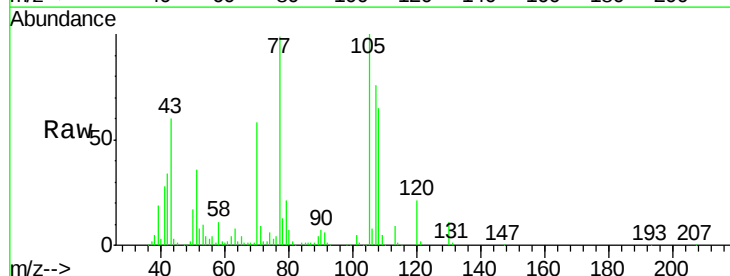
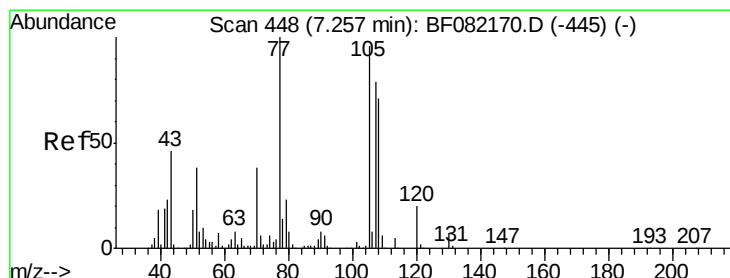
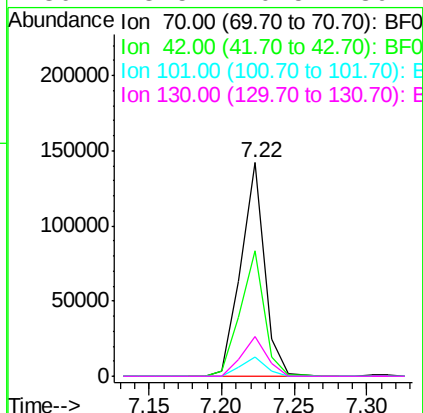




#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

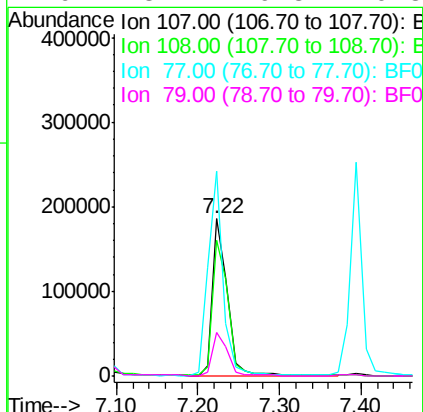
Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion: 70 Resp: 162247
Ion Ratio Lower Upper
70 100
42 59.0 39.8 59.8
101 9.2 8.6 13.0
130 18.5 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.26 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion: 107 Resp: 234790
Ion Ratio Lower Upper
107 100
108 86.3 69.9 109.9
77 130.3 106.0 146.0
79 28.1 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

Tot Ion:136 Resp: 392208

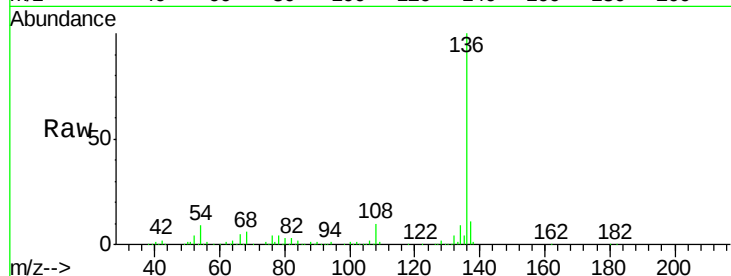
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.7 7.5 11.3

68 5.7 4.6 7.0

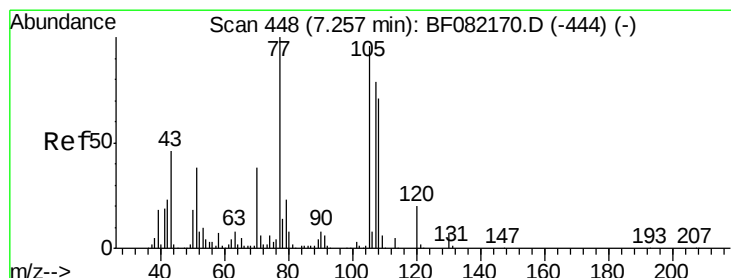
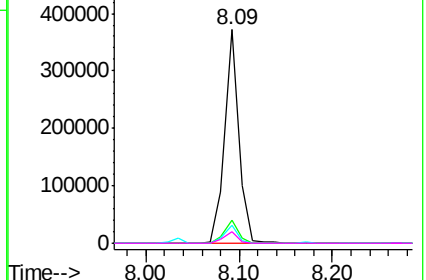
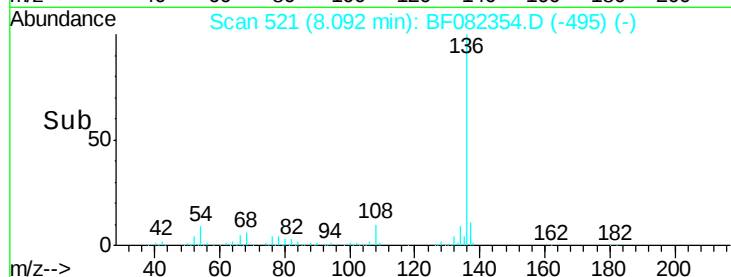


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.37 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Tgt Ion:105 Resp: 321001

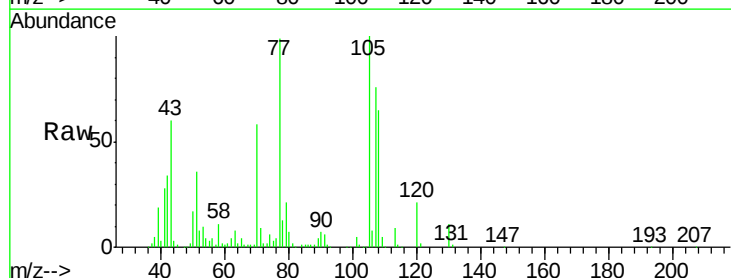
Ion Ratio Lower Upper

105 100

71 9.4 5.4 8.0#

51 35.7 31.8 47.6

120 21.0 16.3 24.5

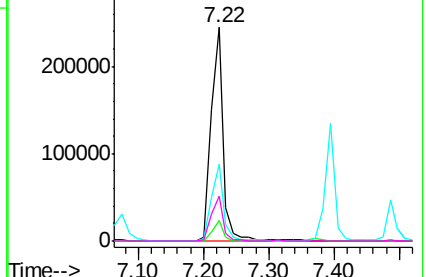
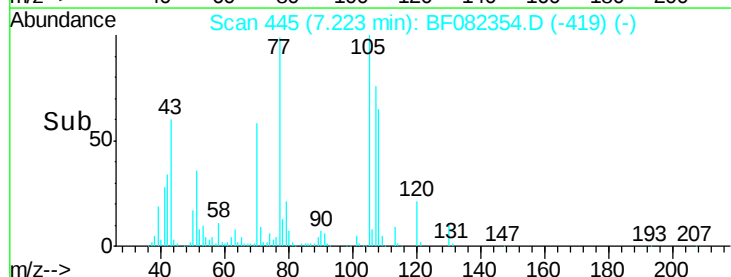


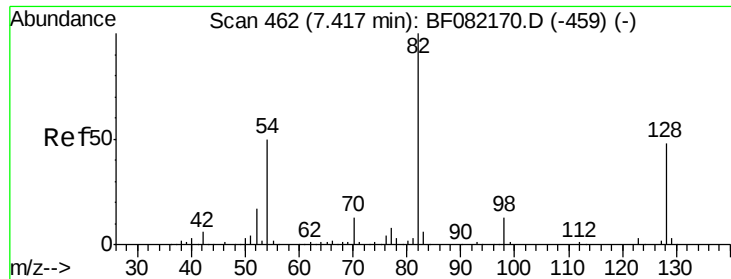
Abundance Ion 105.00 (104.70 to 105.70): E

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

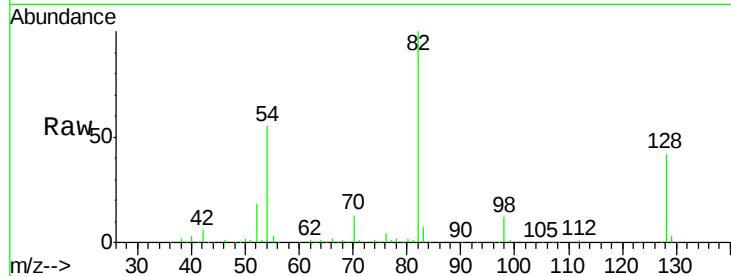




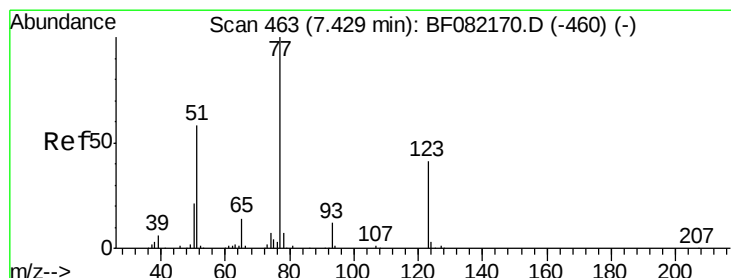
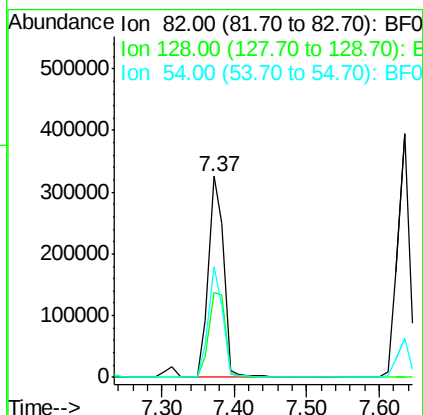
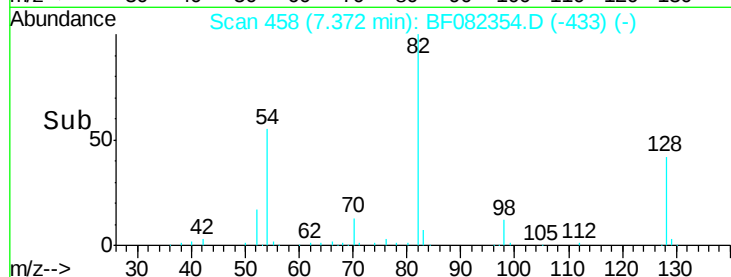
#23
Nitrobenzene-d5
Concen: 82.43 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion: 82 Resp: 481399
Ion Ratio Lower Upper
82 100
128 42.2 38.7 58.1
54 55.2 40.1 60.1

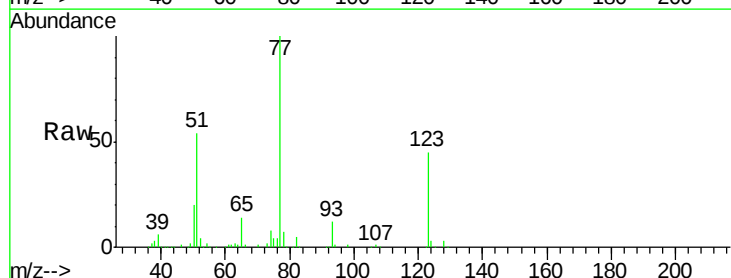


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

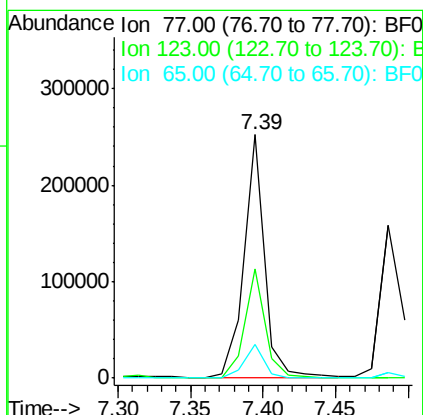
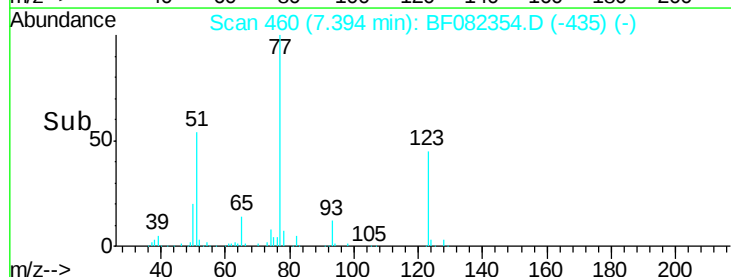


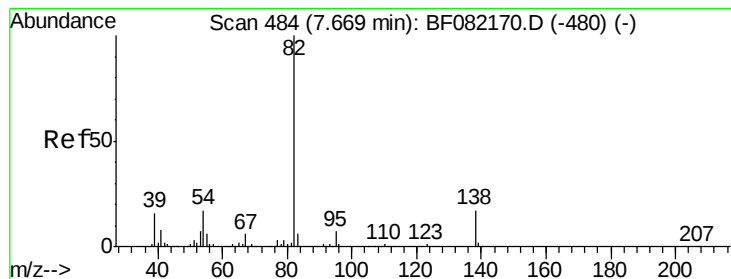
#24
Nitrobenzene
Concen: 38.96 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion: 77 Resp: 246314
Ion Ratio Lower Upper
77 100
123 44.8 33.0 49.4
65 13.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.90 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleID :

PB86144BS

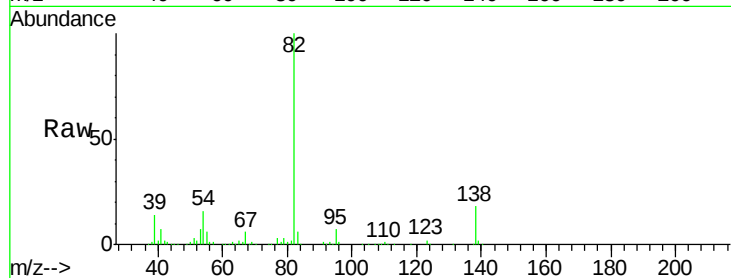
Tot Ion: 82 Resp: 458507

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

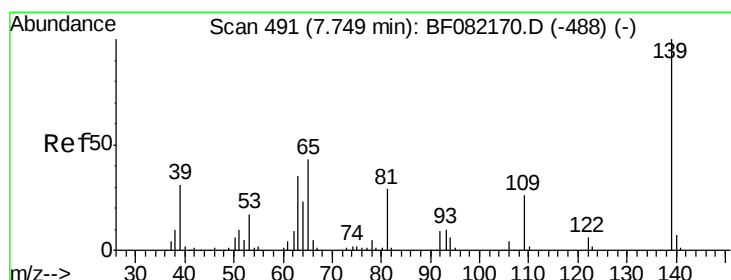
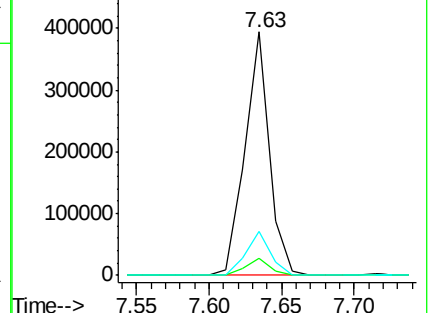
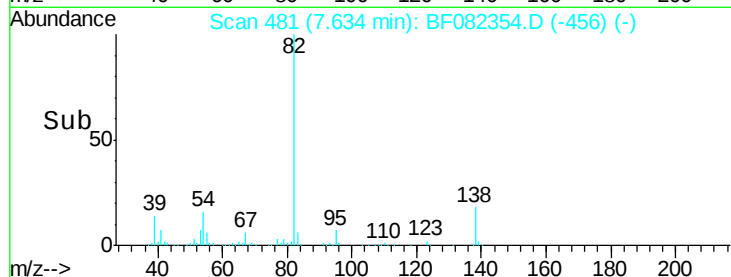
138 18.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.22 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

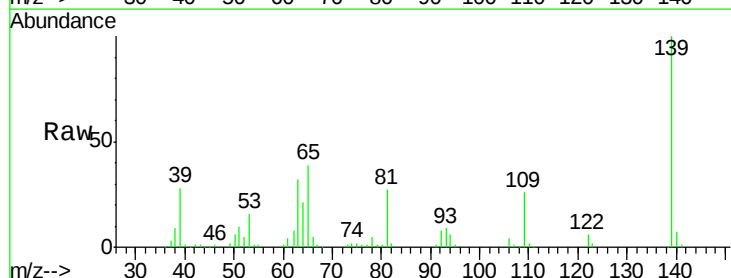
Tgt Ion: 139 Resp: 136427

Ion Ratio Lower Upper

139 100

109 25.8 20.6 31.0

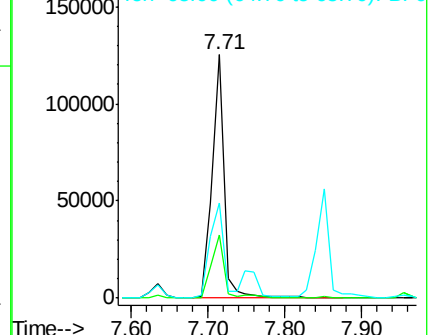
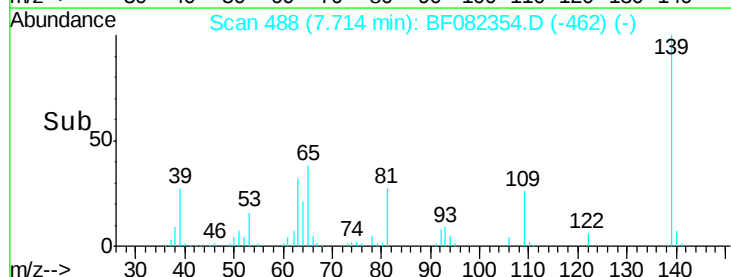
65 39.0 34.3 51.5

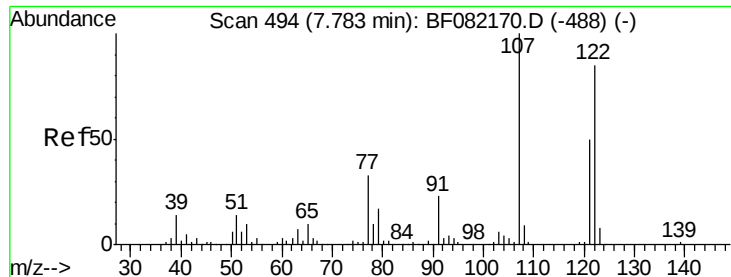


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.80 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

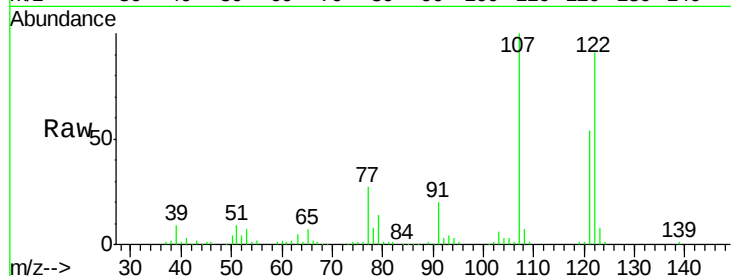
Tot Ion:122 Resp: 222774

Ion Ratio Lower Upper

122 100

107 109.7 94.0 141.0

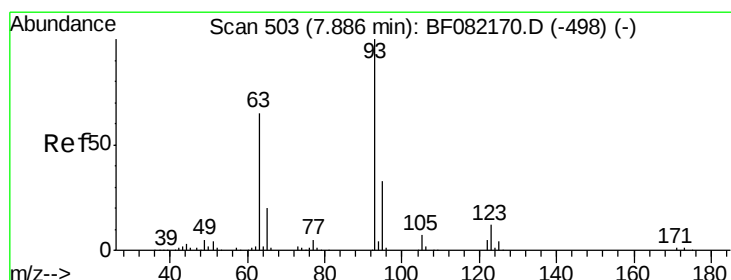
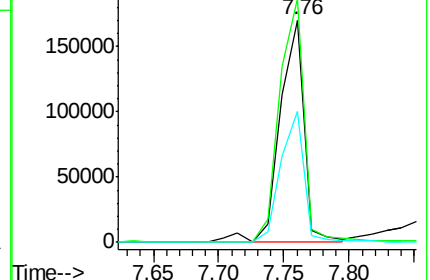
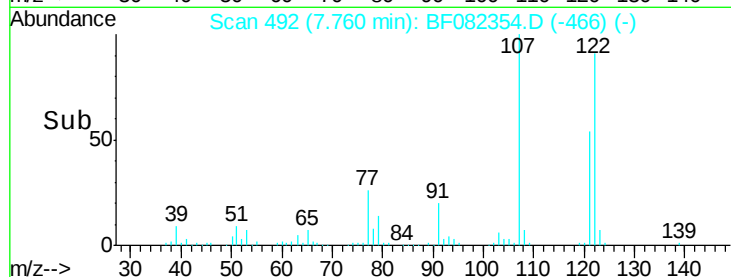
121 59.1 46.8 70.2



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: 42.99 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

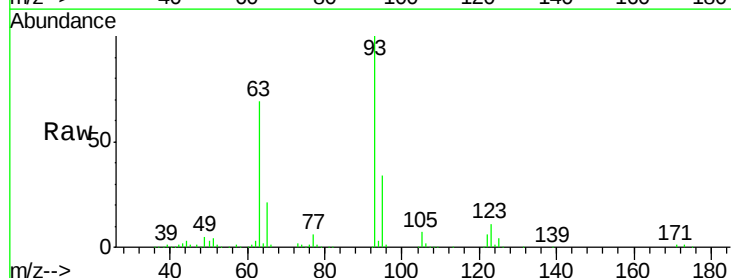
Tgt Ion: 93 Resp: 294869

Ion Ratio Lower Upper

93 100

95 33.6 26.6 39.8

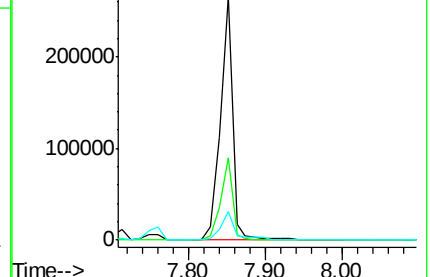
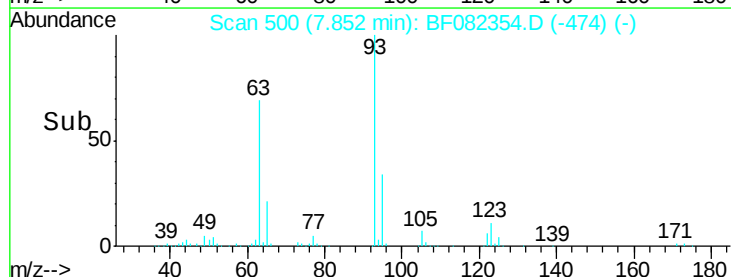
123 11.5 9.5 14.3

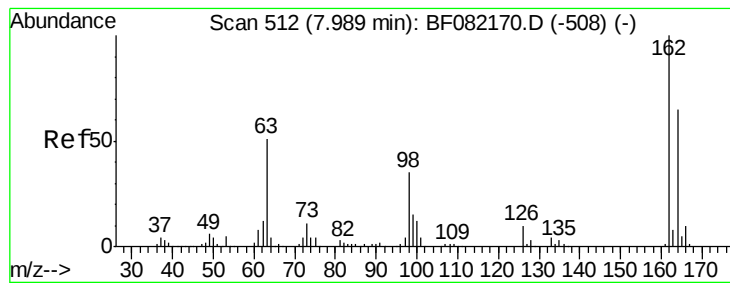


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.88 ng

RT: 7.95 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

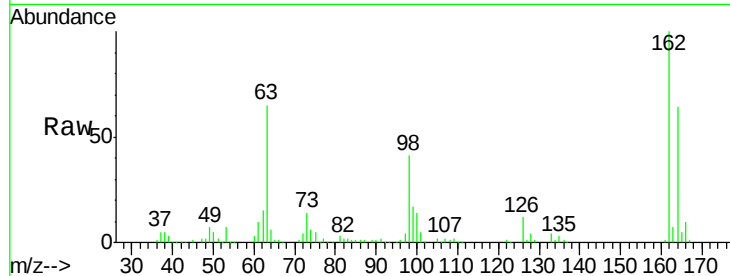
Tot Ion:162 Resp: 218009

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

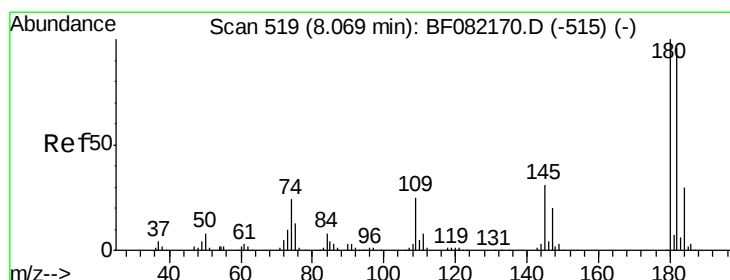
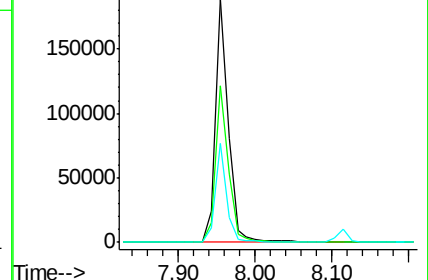
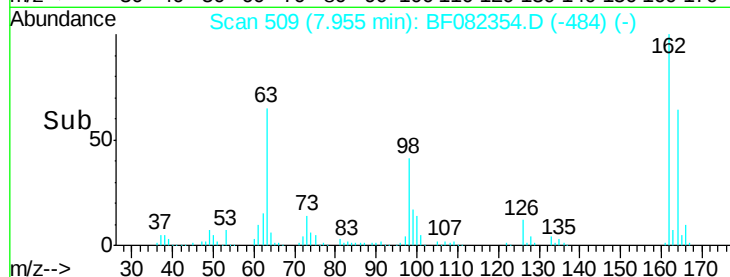
98 40.6 15.0 55.0



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: 39.78 ng

RT: 8.03 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

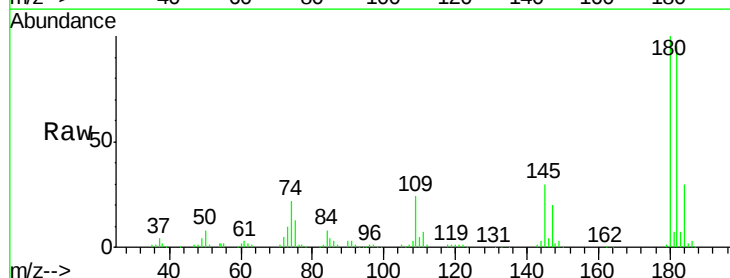
Tgt Ion:180 Resp: 233084

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

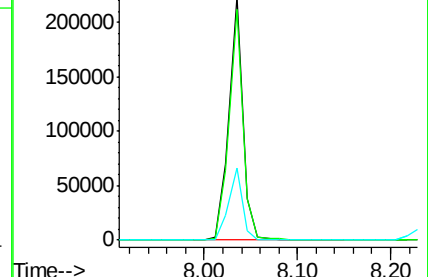
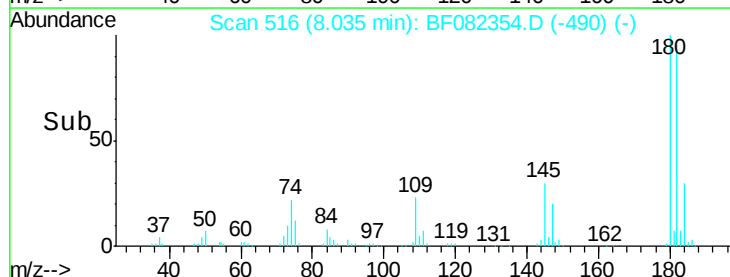
145 29.5 25.0 37.4

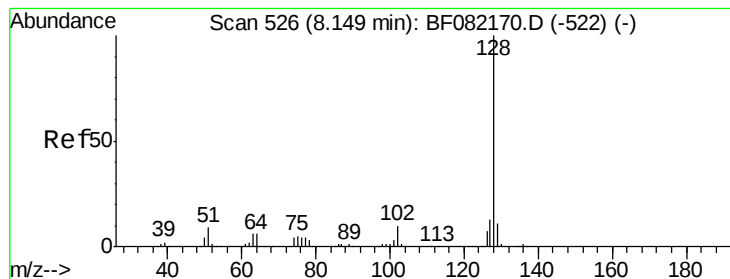


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.72 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

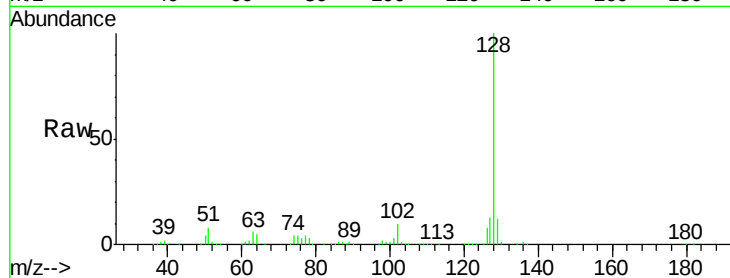
Tot Ion:128 Resp: 675314

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

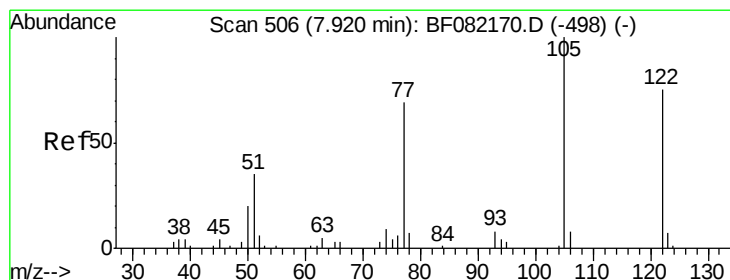
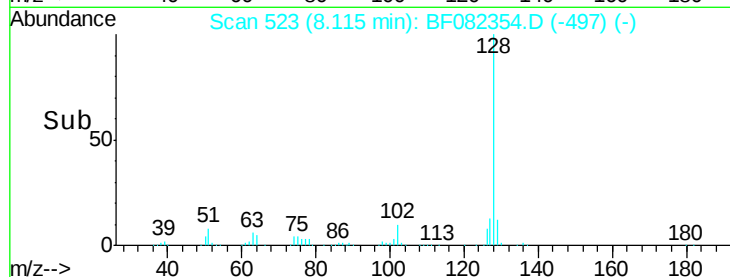
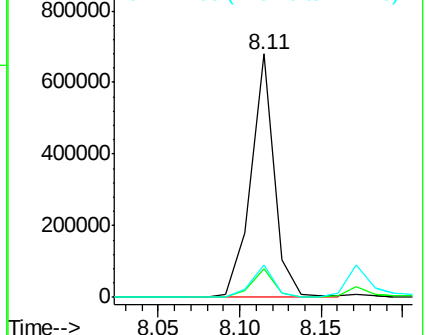
127 13.5 10.7 16.1



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: 38.22 ng

RT: 7.90 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

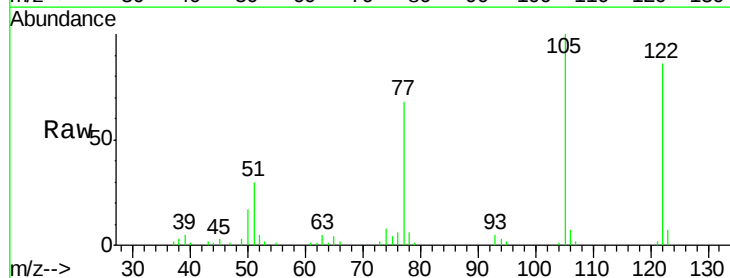
Tgt Ion:122 Resp: 130469

Ion Ratio Lower Upper

122 100

105 115.8 104.4 144.4

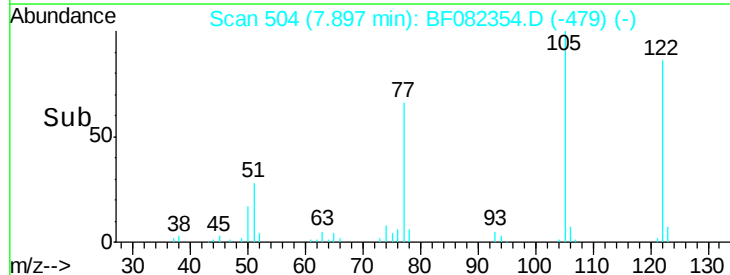
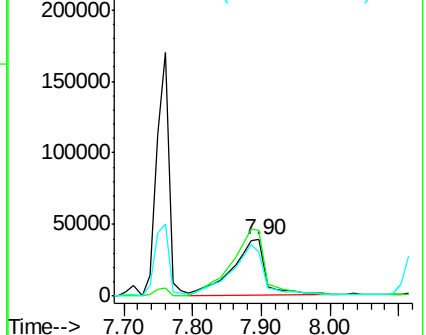
77 79.1 69.0 109.0



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

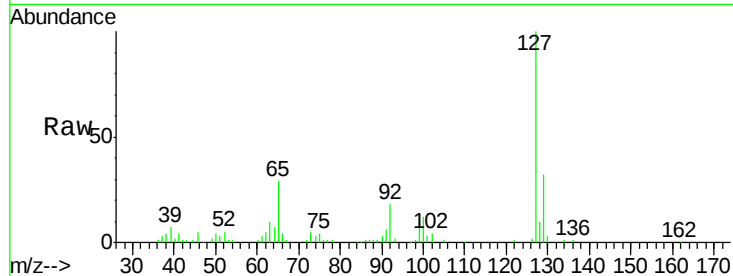




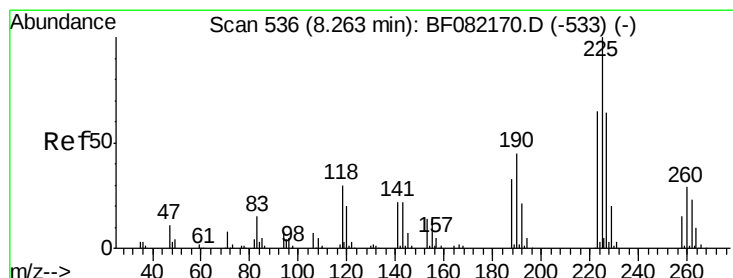
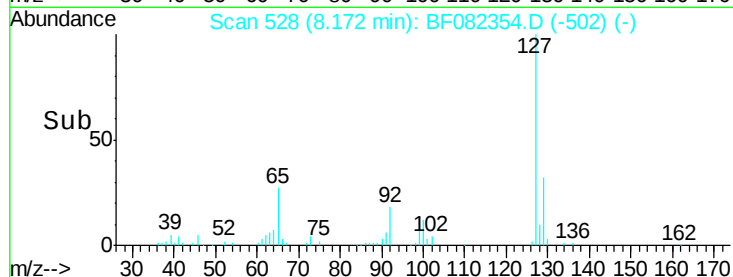
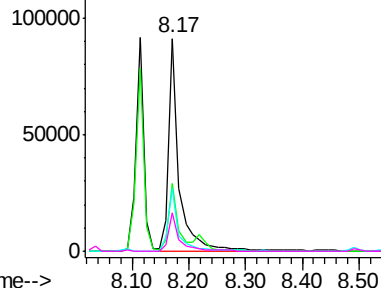
#33
4-Chloroaniline
Concen: 16.60 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:	127	Resp:	117243
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	29.3	24.4	36.6
92	18.3	15.7	23.5

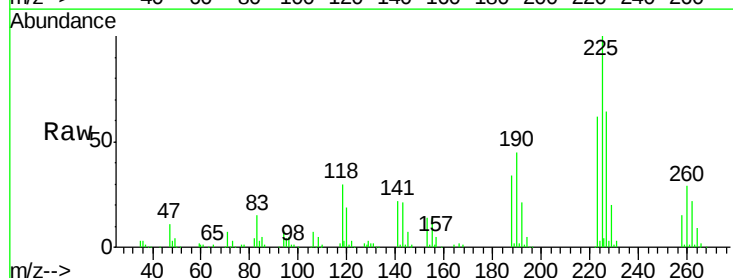


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

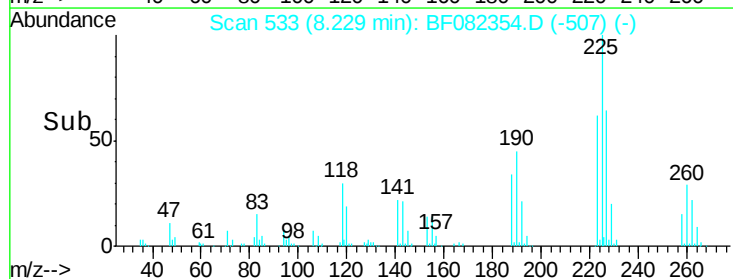
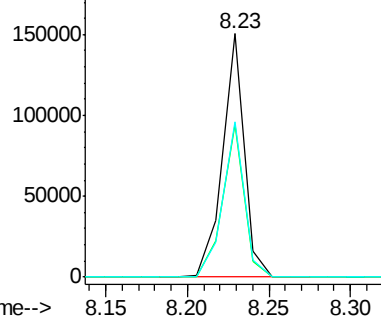


#34
Hexachlorobutadiene
Concen: 38.13 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:	225	Resp:	139237
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.2
227	63.8	51.3	76.9



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





#35

Caprolactam

Concen: 42.52 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

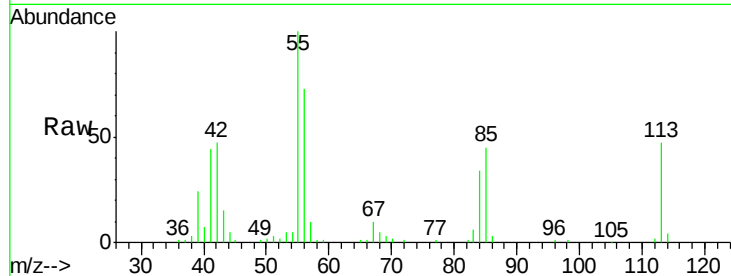
Tot Ion:113 Resp: 62732

Ion Ratio Lower Upper

113 100

55 211.9 149.7 189.7#

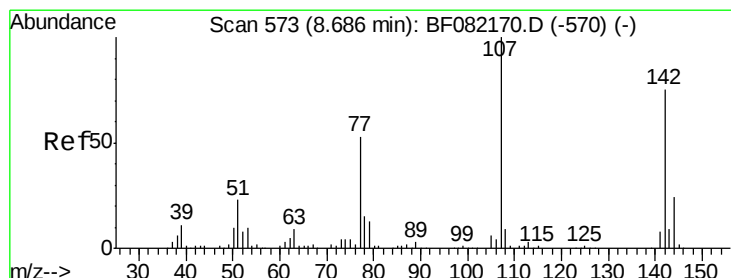
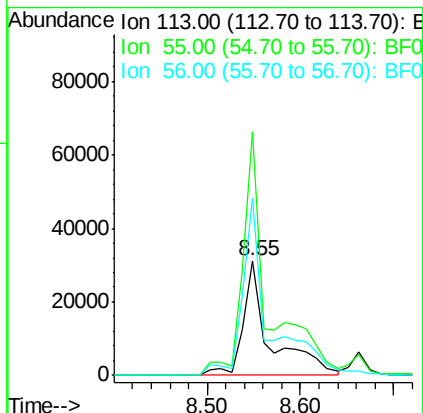
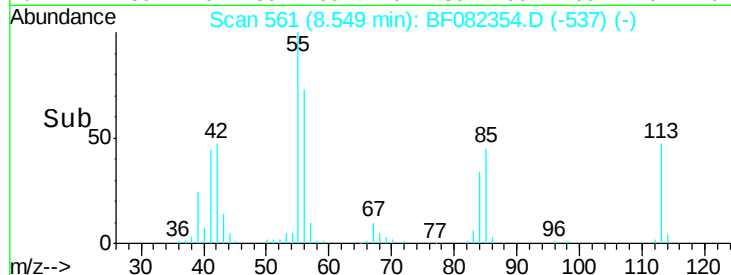
56 154.2 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.46 ng

RT: 8.66 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

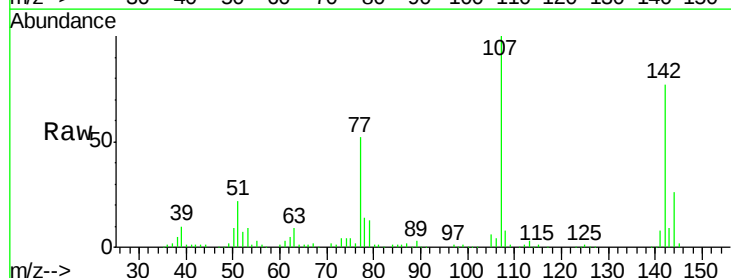
Tgt Ion:107 Resp: 221009

Ion Ratio Lower Upper

107 100

144 25.5 19.3 28.9

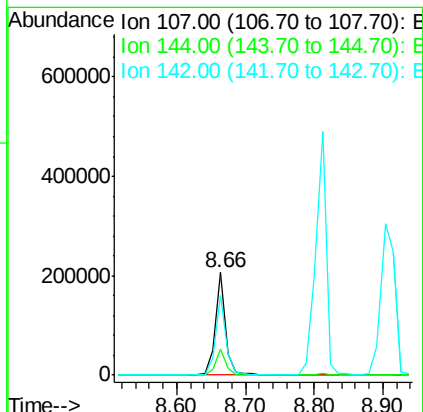
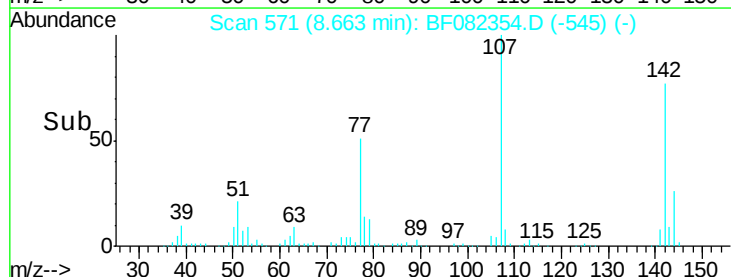
142 77.3 59.9 89.9

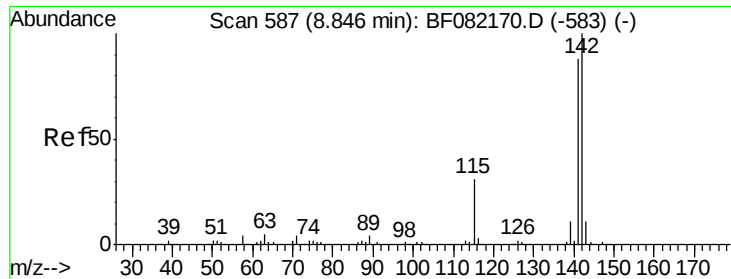


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

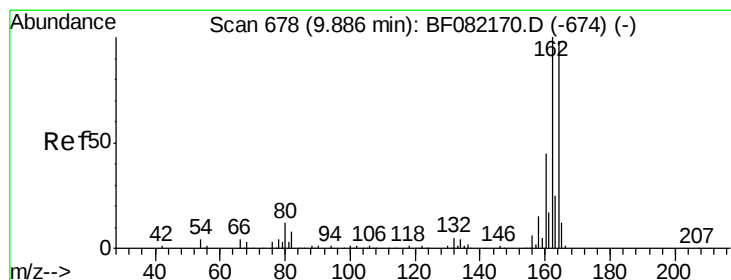
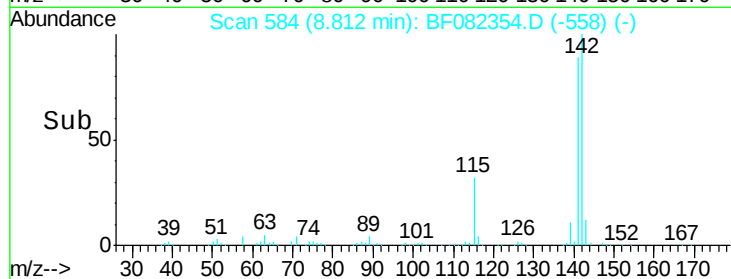
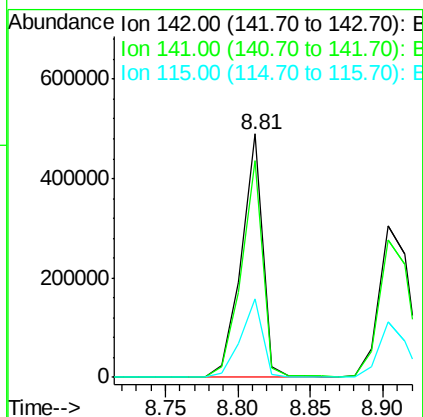
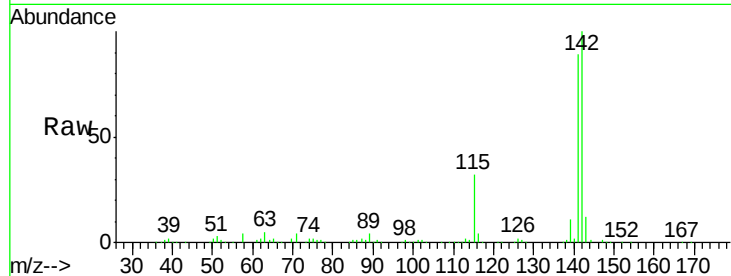




#37
2-Methylnaphthalene
Concen: 42.85 ng
RT: 8.81 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

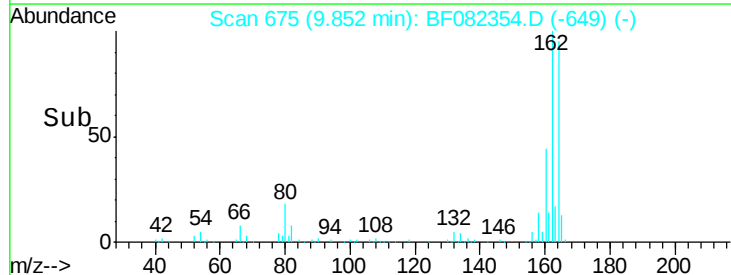
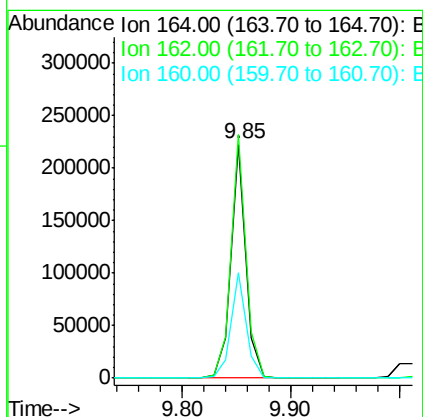
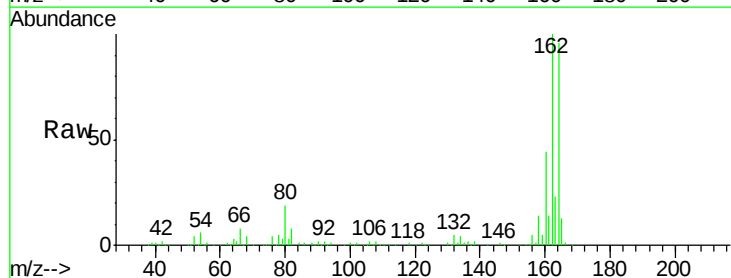
Instrument :
BNA_F
ClientSampleId :
PB86144BS

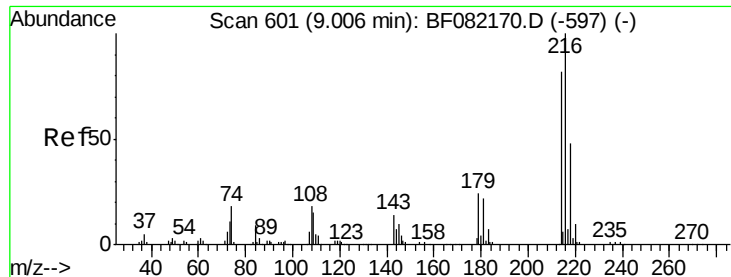
Tot Ion:142 Resp: 505084
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 32.4 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:164 Resp: 208807
Ion Ratio Lower Upper
164 100
162 104.0 81.6 122.4
160 45.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.20 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

Tot Ion:216 Resp: 224804

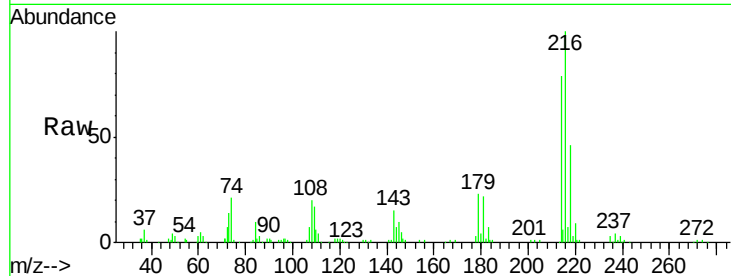
Ion Ratio Lower Upper

216 100

214 78.4 64.6 97.0

179 20.7 17.6 26.4

108 18.9 14.5 21.7

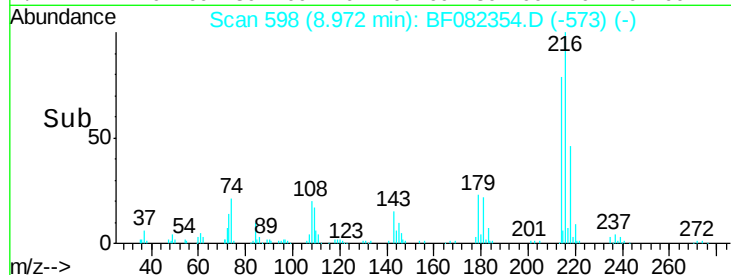


Abundance Ion 216.00 (215.70 to 216.70): E

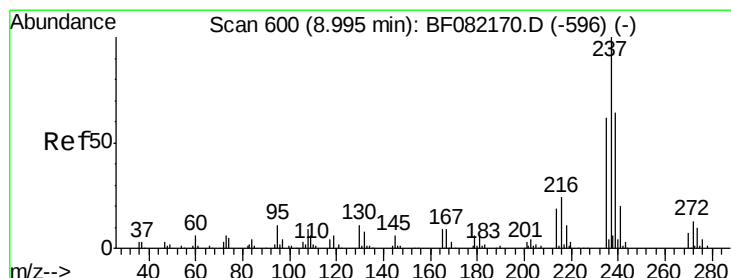
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 64.19 ng

RT: 8.96 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

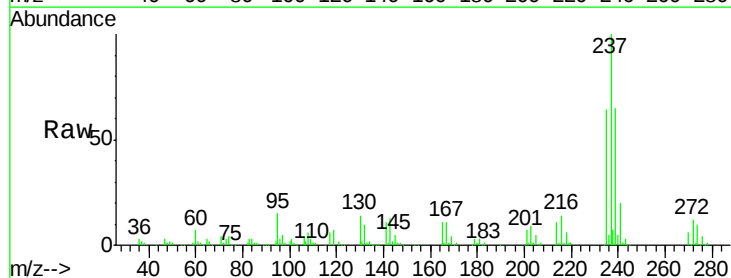
Tgt Ion:237 Resp: 195984

Ion Ratio Lower Upper

237 100

235 63.6 41.7 81.7

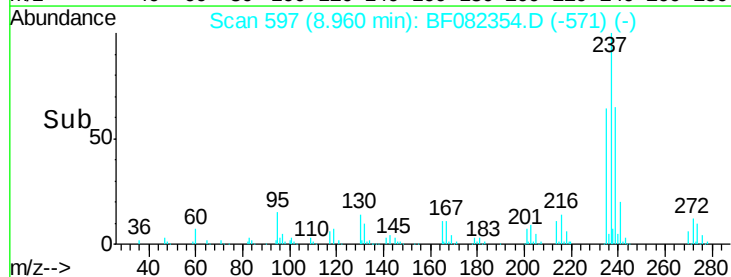
272 12.2 0.0 32.8



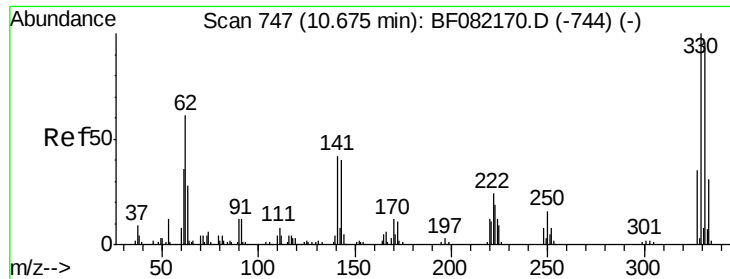
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



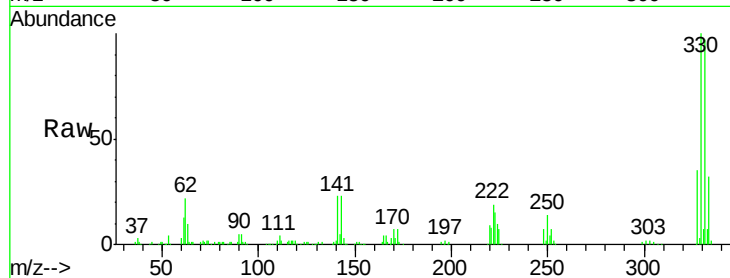
Time-->



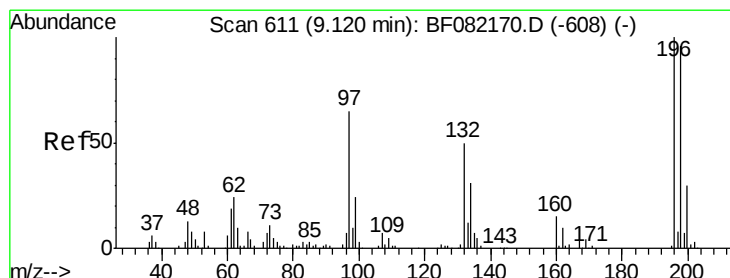
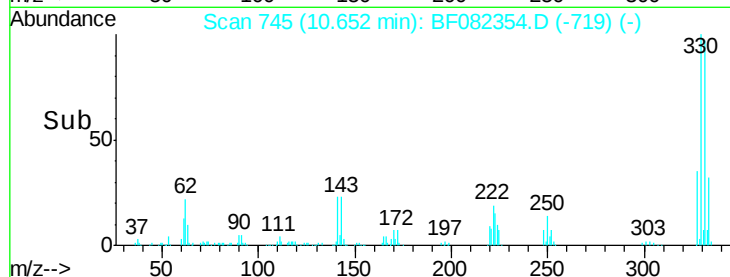
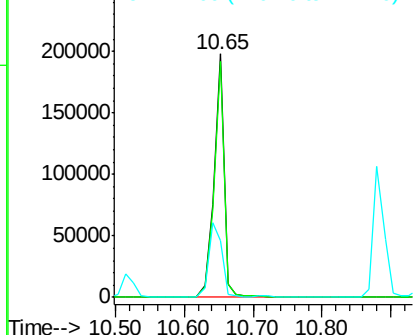
#41
 2,4,6-Tribromophenol
 Concen: 106.71 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion:330 Resp: 208959
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 39.5 29.8 44.8

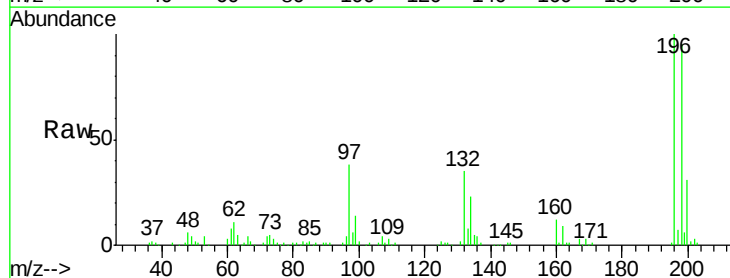


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

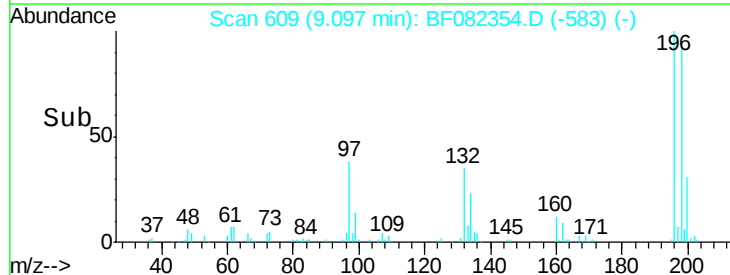
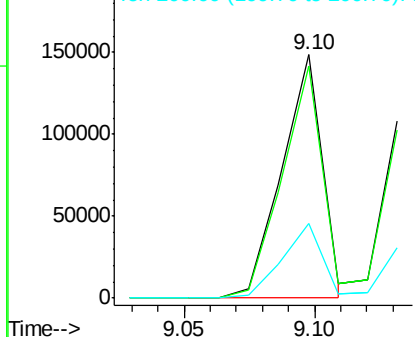


#42
 2,4,6-Trichlorophenol
 Concen: 38.52 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:196 Resp: 158897
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 30.6 23.7 35.5



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

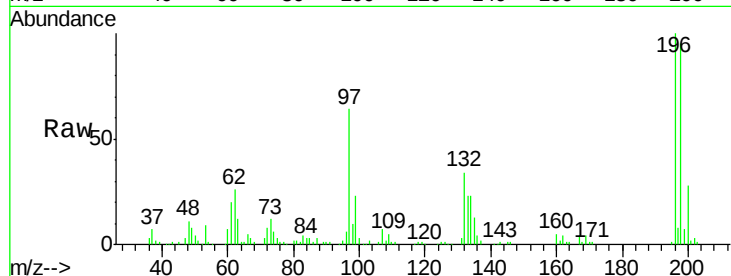




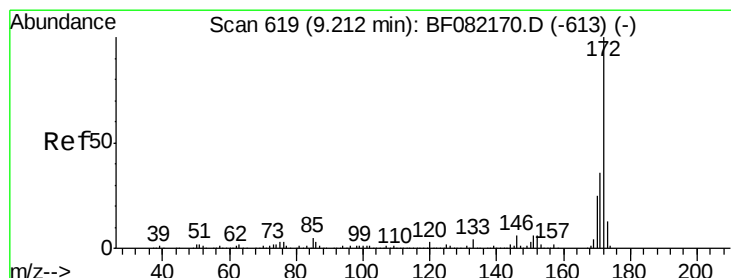
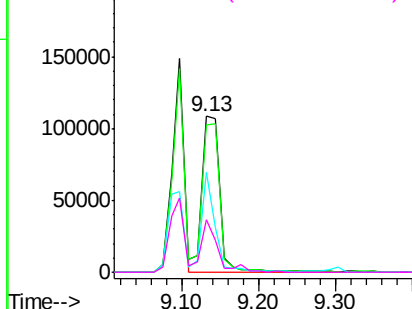
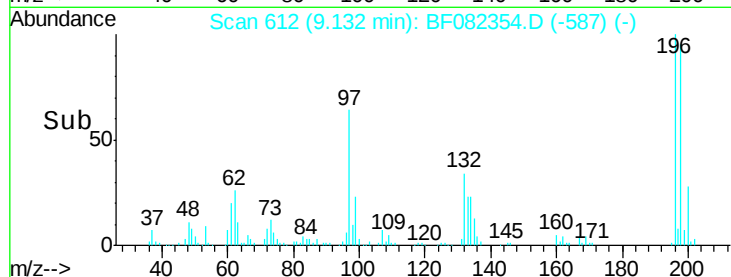
#43
 2,4,5-Trichlorophenol
 Concen: 38.27 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion:196 Resp: 171011
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.4
 97 64.4 31.9 47.9#
 132 33.9 20.3 30.5#

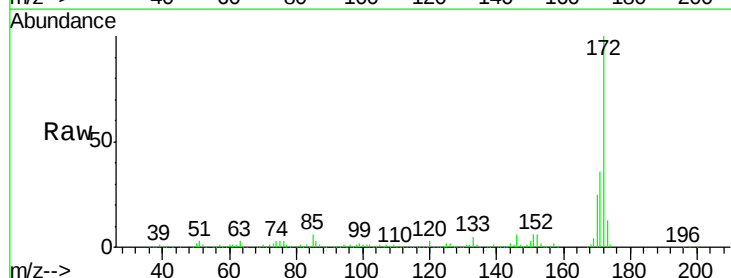


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

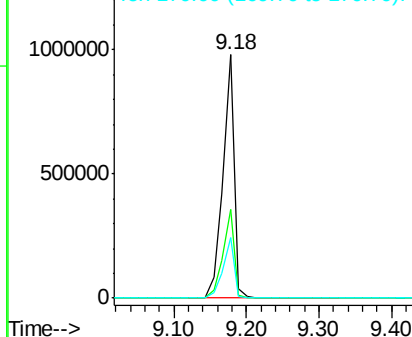
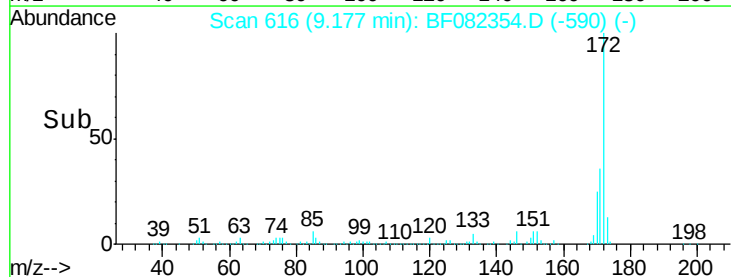


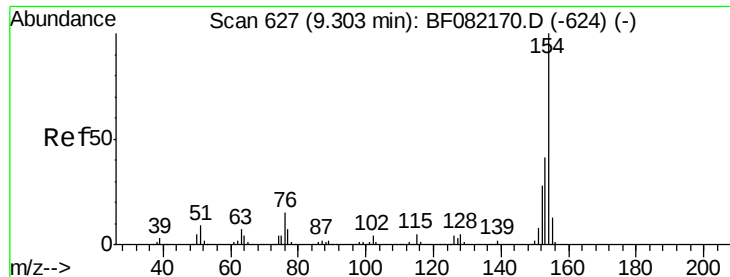
#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:172 Resp: 1059614
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.8 19.7 29.5



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

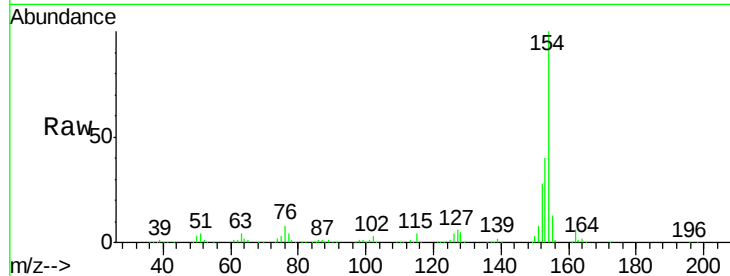




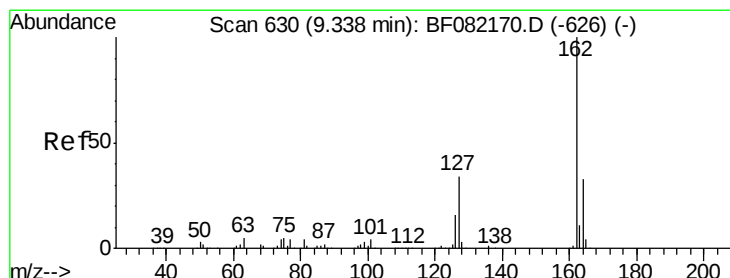
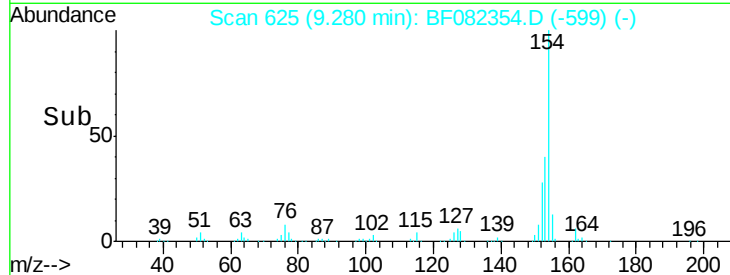
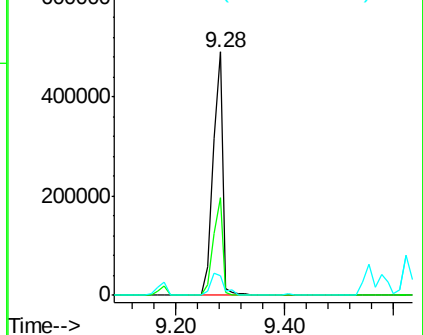
#45
 1,1'-Biphenyl
 Concen: 38.62 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	8.1	0.0	35.2

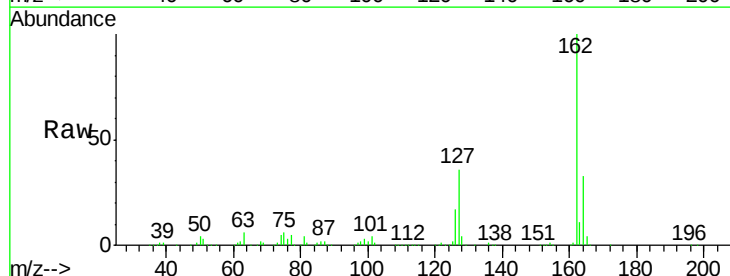


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

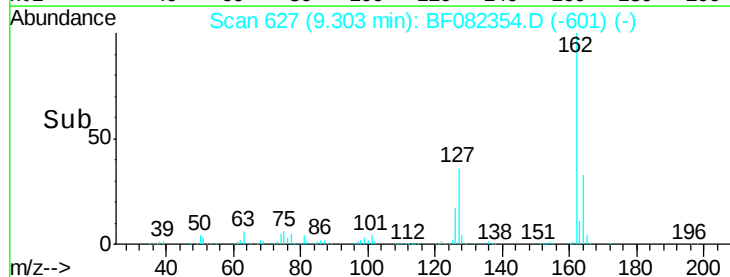
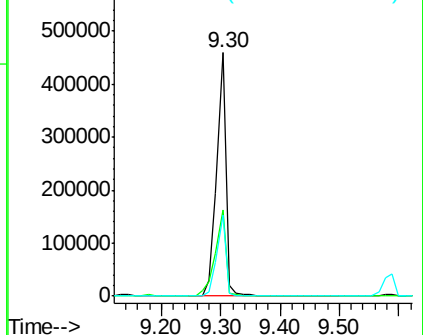


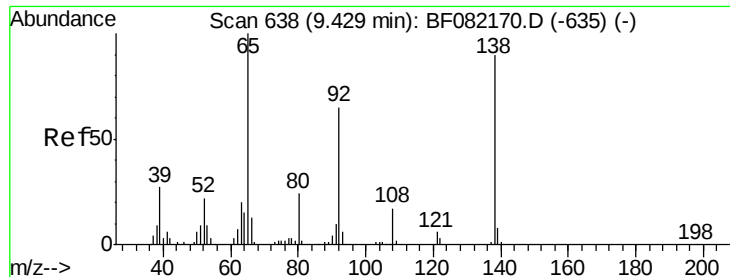
#46
 2-Chloronaphthalene
 Concen: 39.52 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	27.5	41.3
164	33.4	26.6	39.8



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

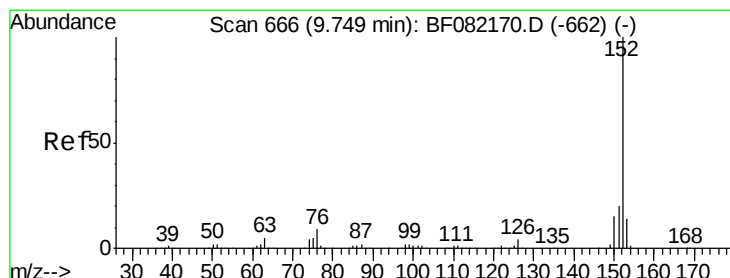
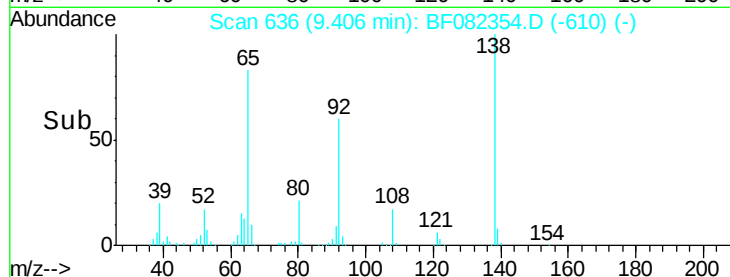
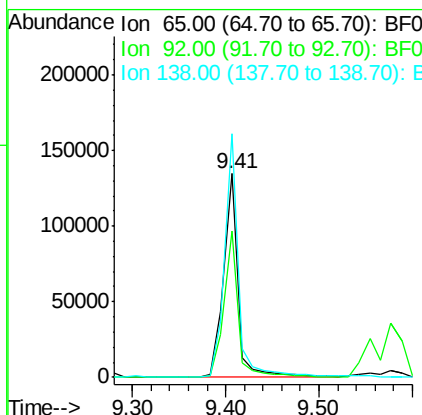
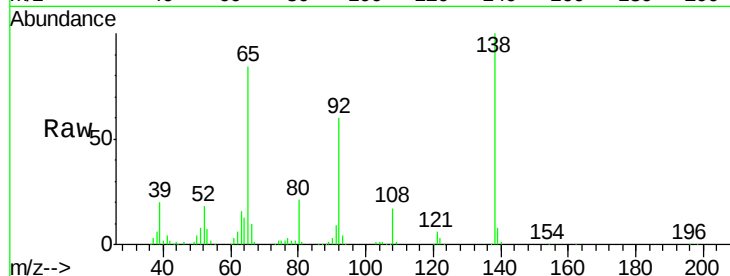




#47
2-Nitroaniline
Concen: 42.66 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

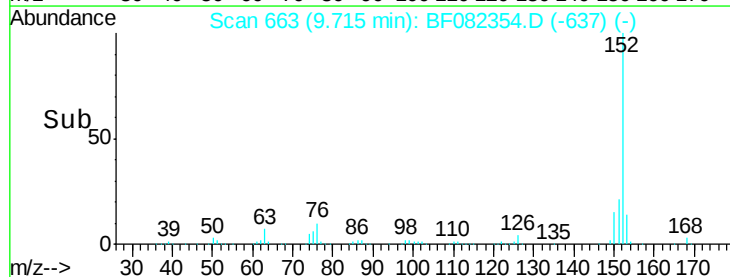
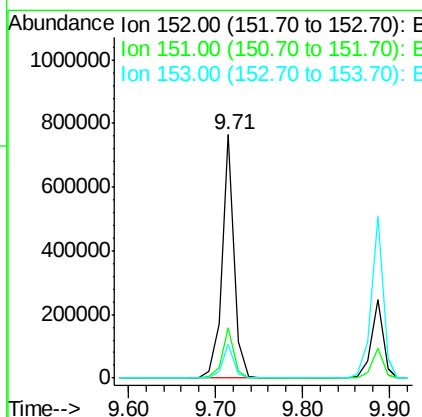
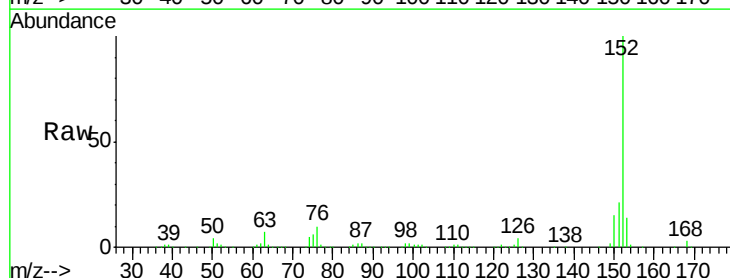
Instrument :
BNA_F
ClientSampleId :
PB86144BS

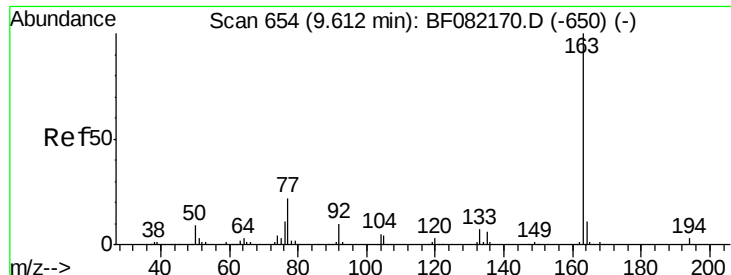
Tot Ion: 65 Resp: 146791
Ion Ratio Lower Upper
65 100
92 71.5 52.3 78.5
138 119.5 72.2 108.4#



#48
Acenaphthylene
Concen: 38.13 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion: 152 Resp: 744564
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.8 10.8 16.2

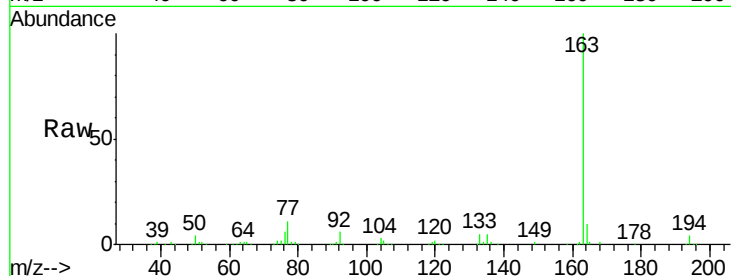




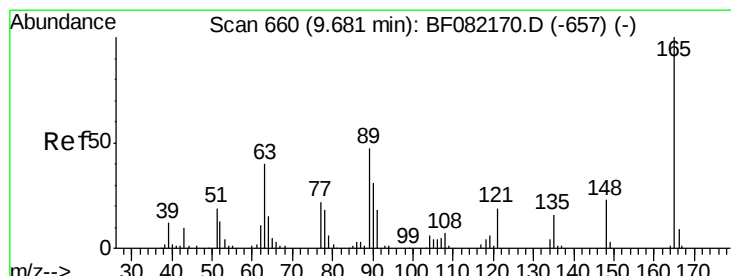
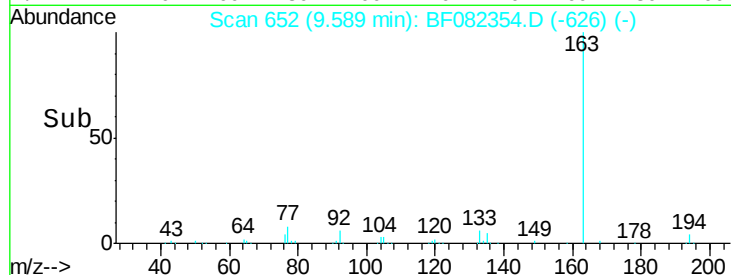
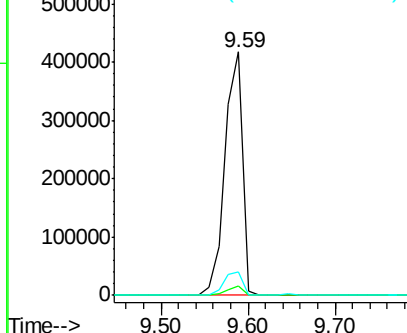
#49
Dimethylphthalate
Concen: 39.94 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:163 Resp: 587210
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 8.5 12.7

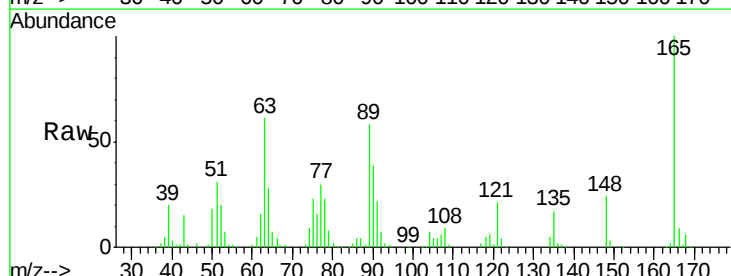


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

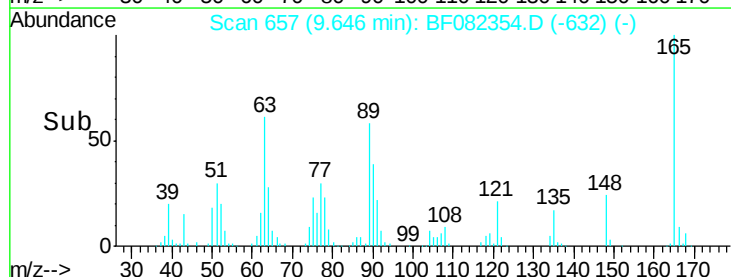
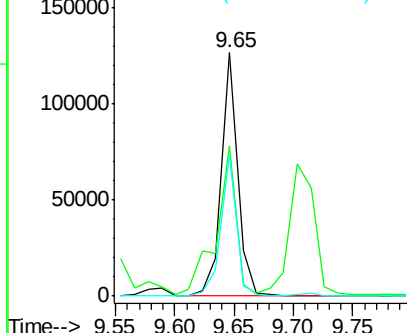


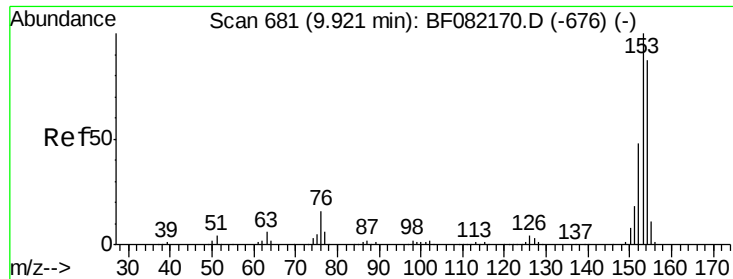
#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:165 Resp: 121058
Ion Ratio Lower Upper
165 100
63 61.4 36.7 55.1#
89 58.2 37.8 56.6#



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: 36.34 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

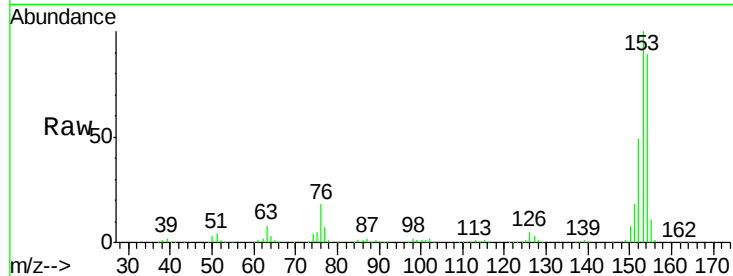
Tot Ion:154 Resp: 426023

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

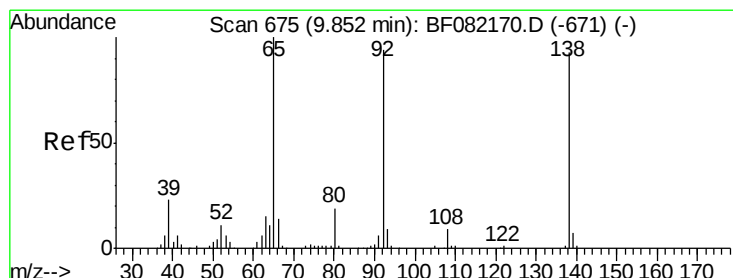
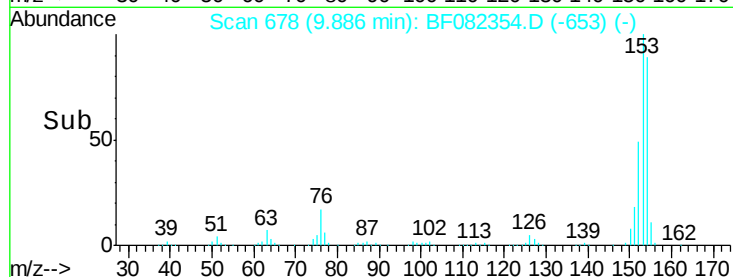
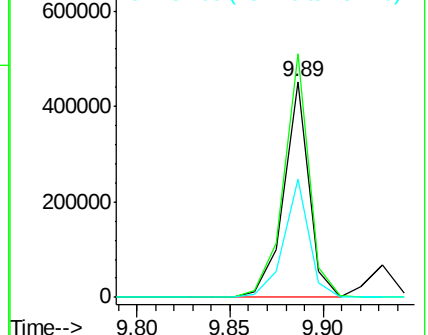
152 54.9 44.3 66.5



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: 19.07 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

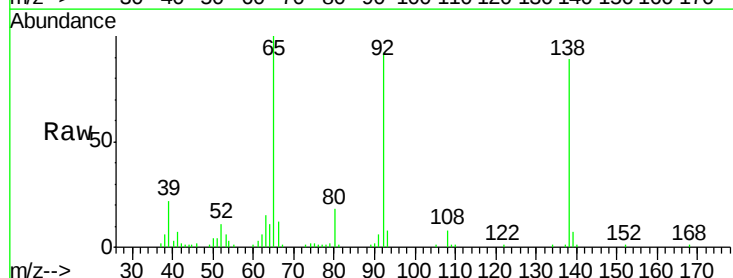
Tgt Ion:138 Resp: 66828

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.0

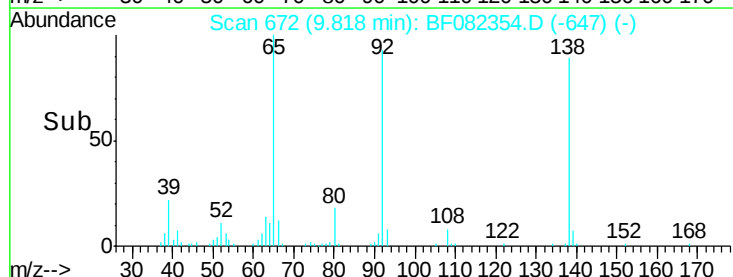
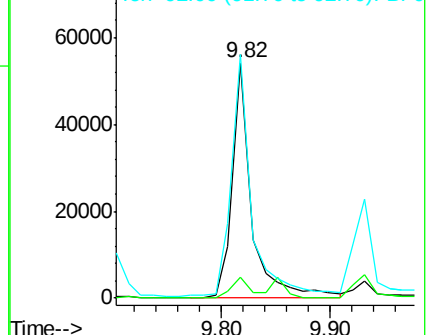
92 103.7 81.3 121.9



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

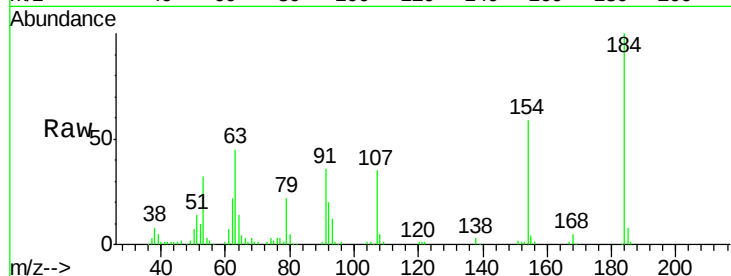




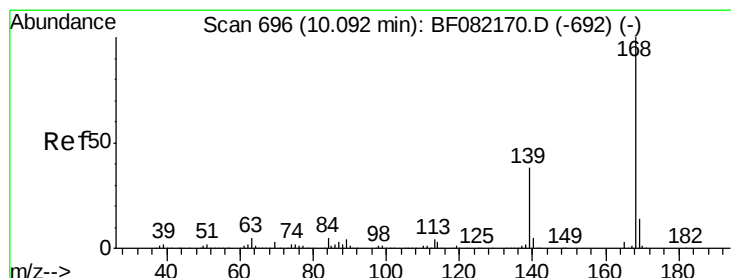
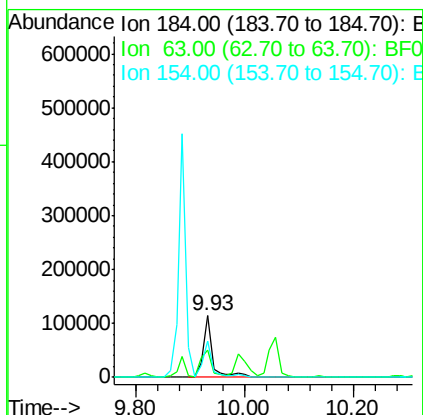
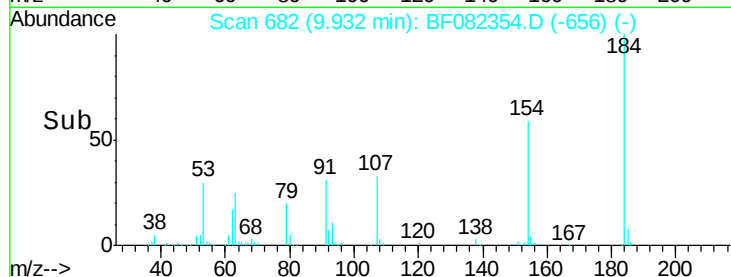
#53
 2,4-Dinitrophenol
 Concen: 78.44 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion:184 Resp: 135755
 Ion Ratio Lower Upper
 184 100
 63 45.1 45.1 67.7#
 154 59.5 51.2 76.8

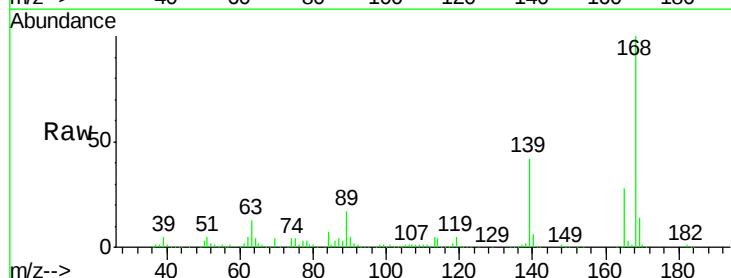


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

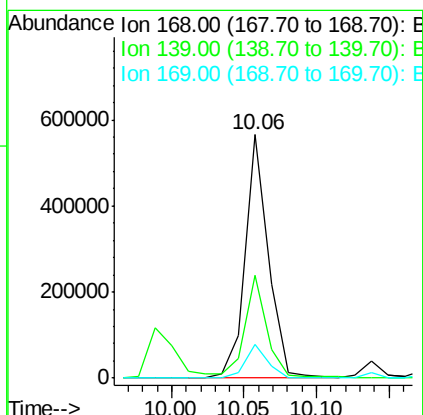
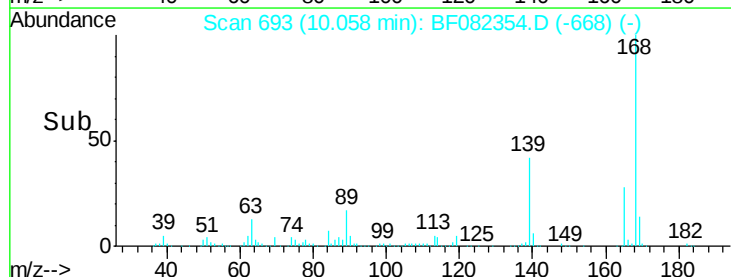


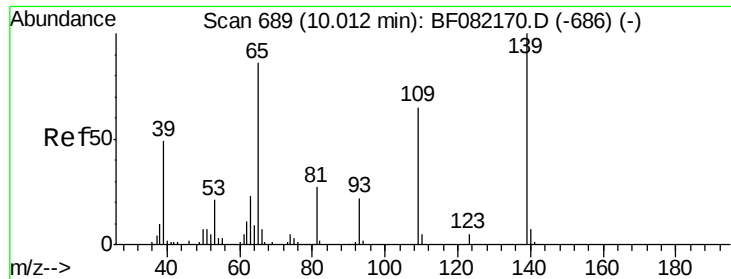
#54
 Dibenzofuran
 Concen: 39.08 ng
 RT: 10.06 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:168 Resp: 629015
 Ion Ratio Lower Upper
 168 100
 139 42.0 31.0 46.6
 169 14.1 10.9 16.3



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: 67.21 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

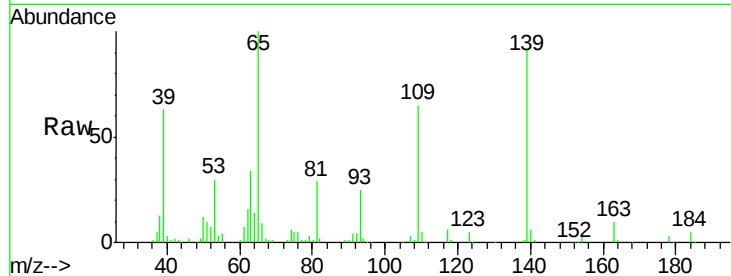
Tot Ion:139 Resp: 152296

Ion Ratio Lower Upper

139 100

109 71.5 44.8 84.8

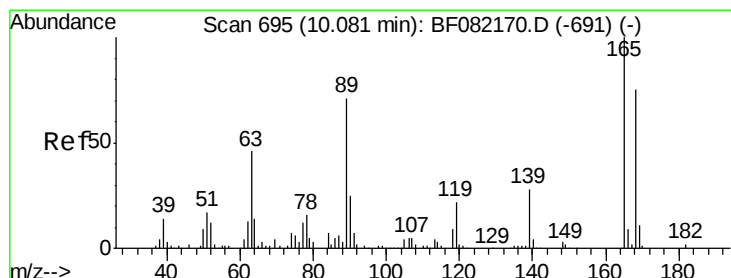
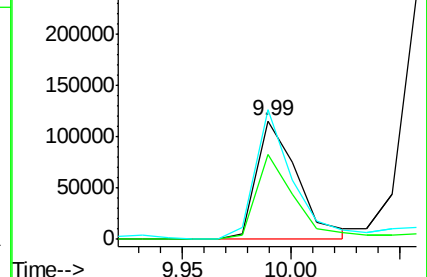
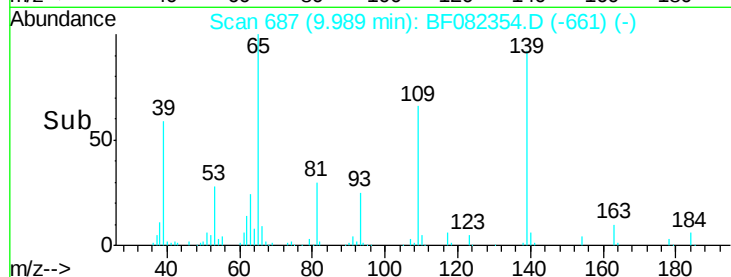
65 109.7 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.23 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Tgt Ion:165 Resp: 175394

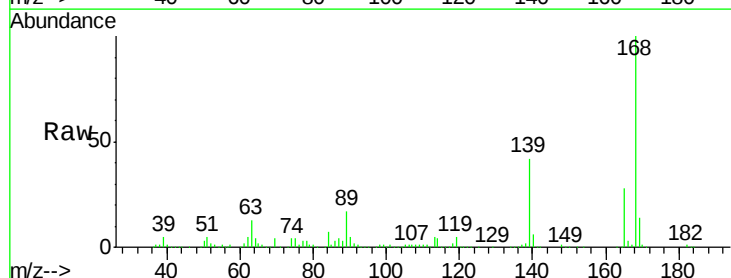
Ion Ratio Lower Upper

165 100

63 47.7 38.6 58.0

89 61.1 57.0 85.6

182 2.3 1.8 2.6

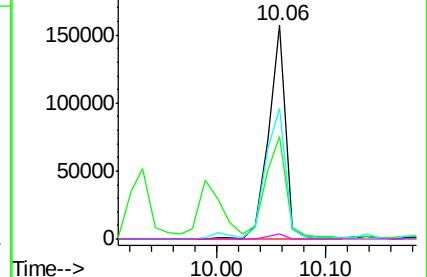
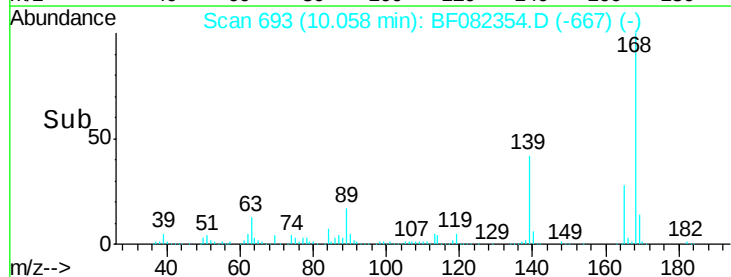


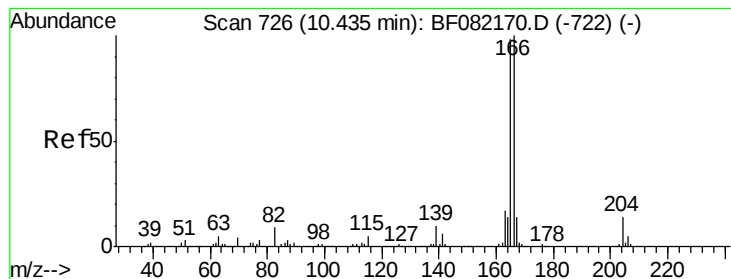
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.10 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

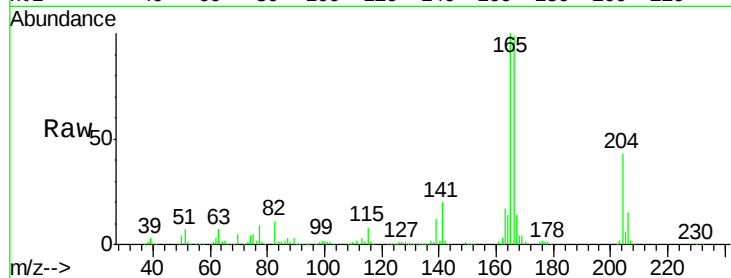
Tot Ion:166 Resp: 503664

Ion Ratio Lower Upper

166 100

165 100.5 78.3 117.5

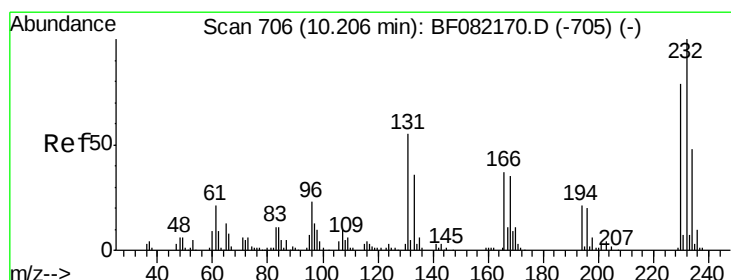
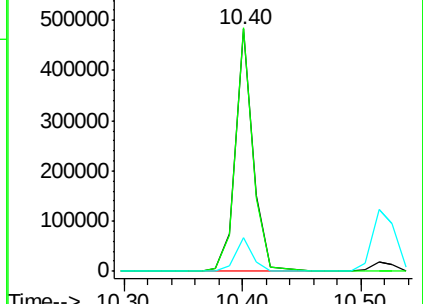
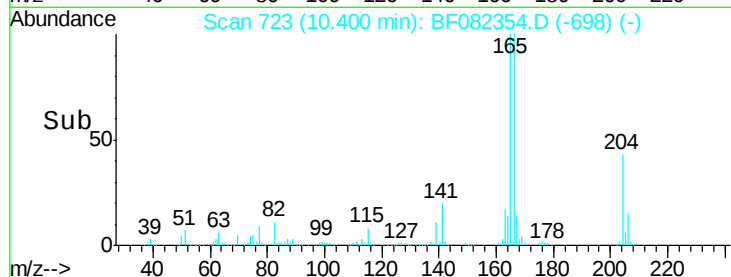
167 14.1 10.8 16.2



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: 40.02 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Tgt Ion:232 Resp: 146102

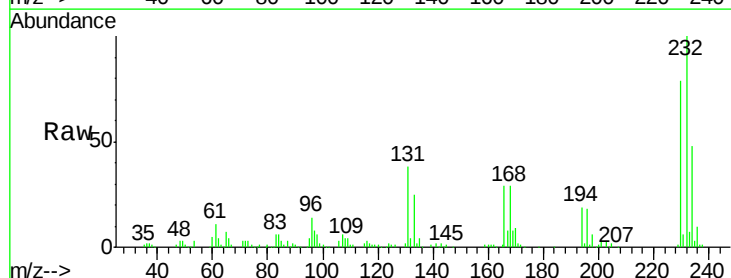
Ion Ratio Lower Upper

232 100

131 43.8 36.6 54.8

130 1.7 1.5 2.3

166 30.2 24.6 37.0

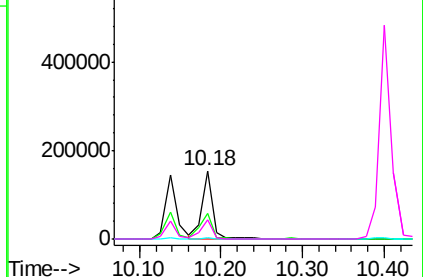
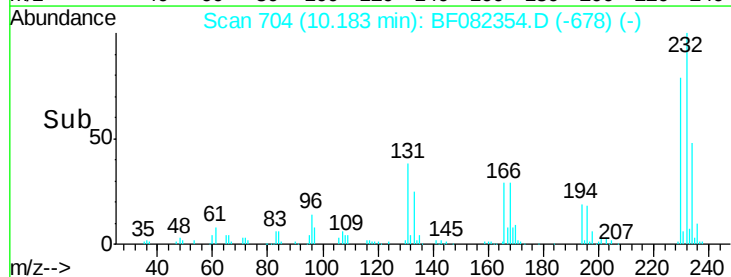


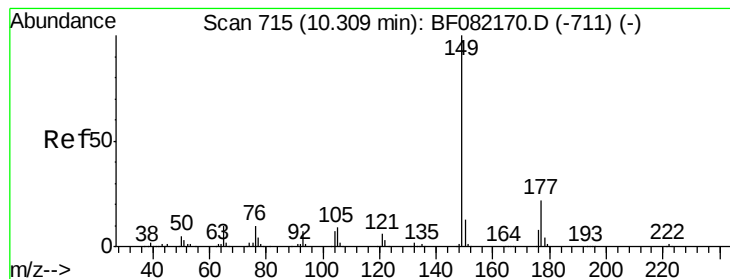
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.57 ng

RT: 10.29 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

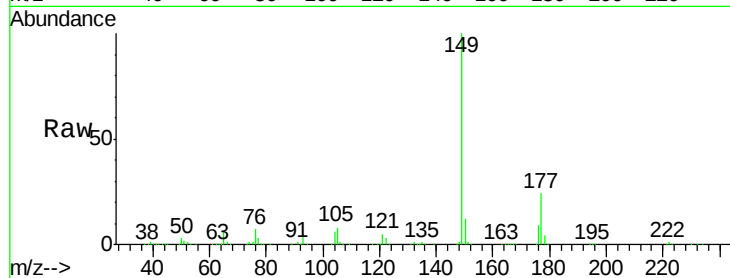
Tot Ion:149 Resp: 597140

Ion Ratio Lower Upper

149 100

177 23.9 17.6 26.4

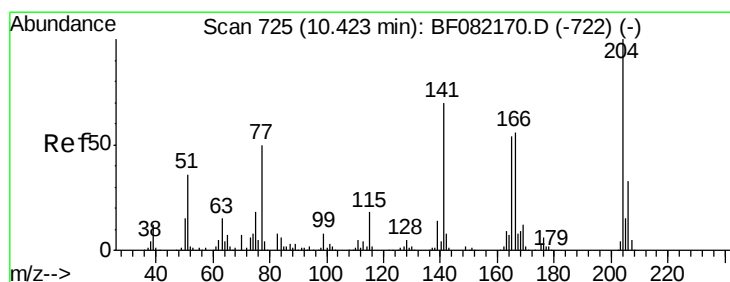
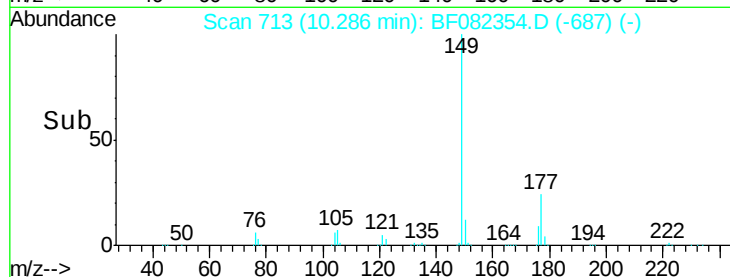
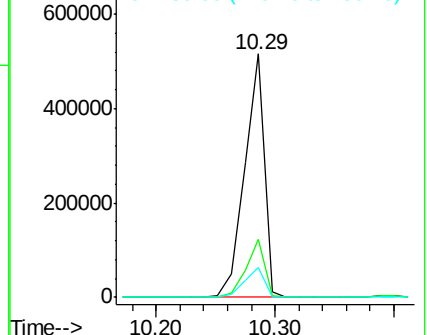
150 12.4 10.3 15.5



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: 41.90 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

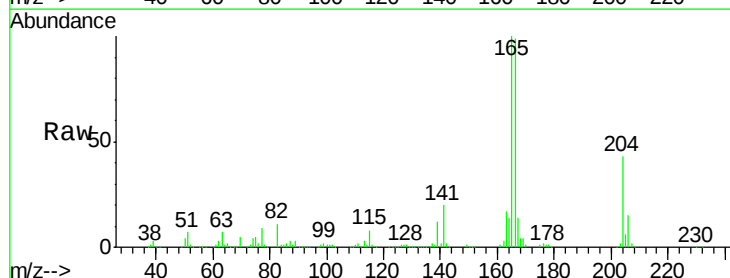
Tgt Ion:204 Resp: 253709

Ion Ratio Lower Upper

204 100

206 35.3 26.8 40.2

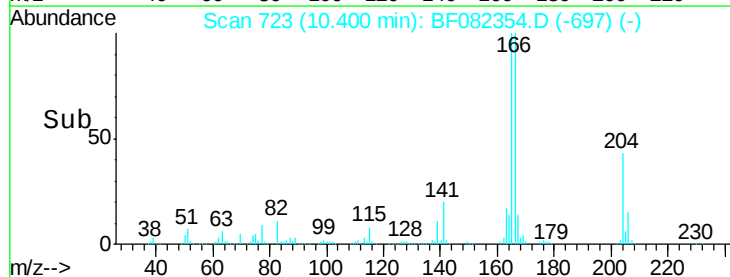
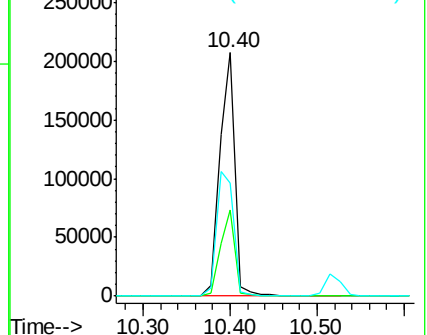
141 46.2 56.1 84.1#



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: 36.40 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

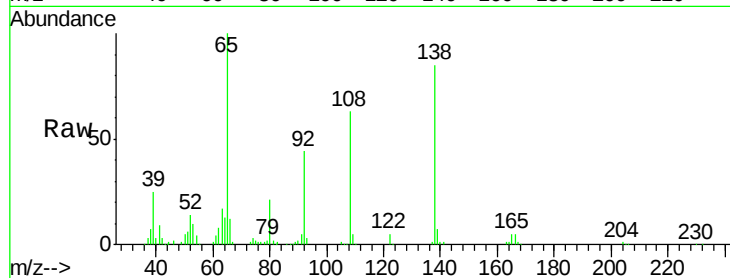
Tot Ion:138 Resp: 123740

Ion Ratio Lower Upper

138 100

92 51.3 26.8 66.8

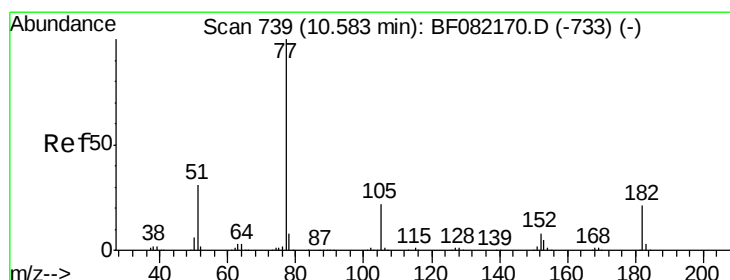
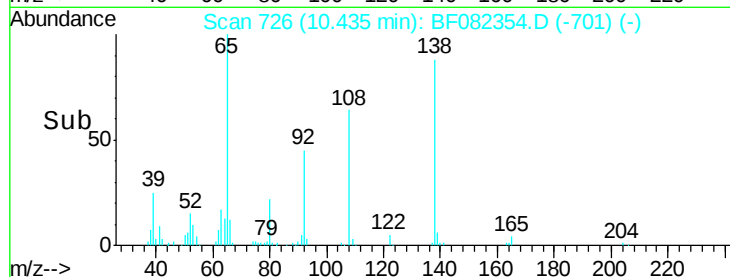
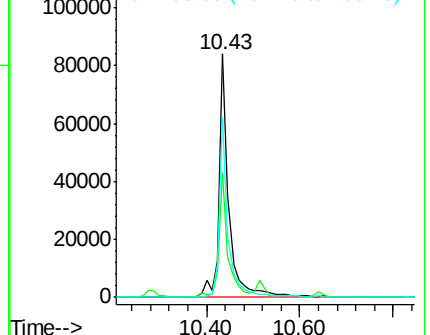
108 73.7 48.4 88.4



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: 41.12 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Tgt Ion: 77 Resp: 551625

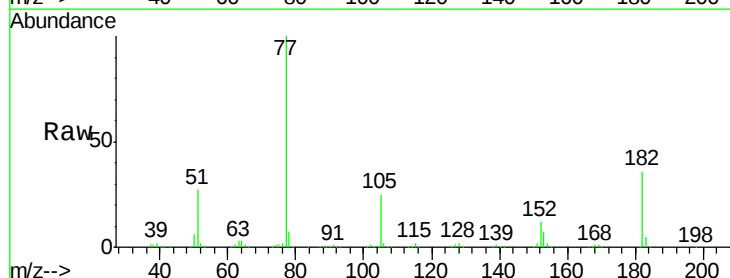
Ion Ratio Lower Upper

77 100

182 35.7 0.5 40.5

105 25.3 1.8 41.8

51 27.4 11.2 51.2

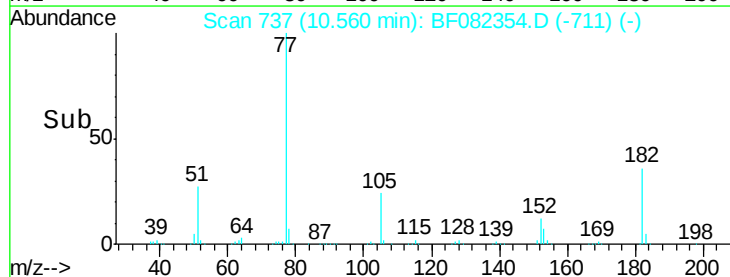
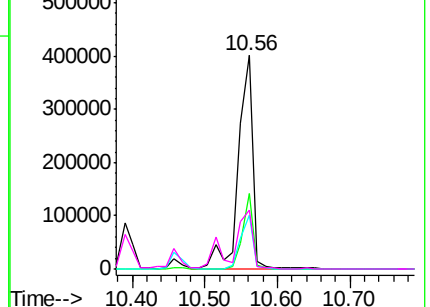


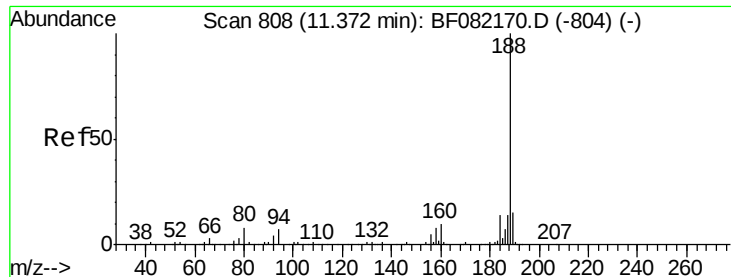
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

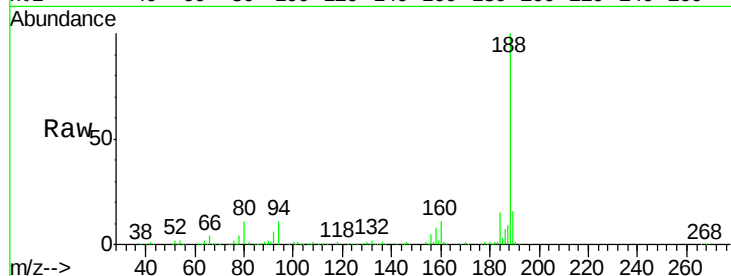




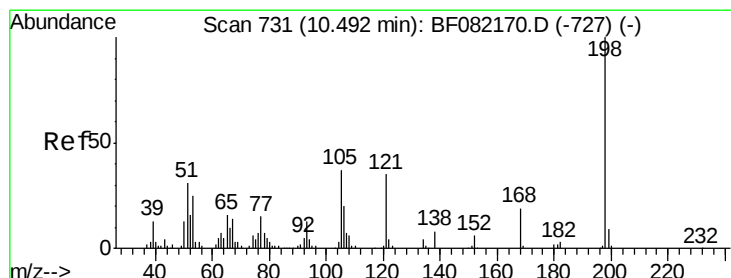
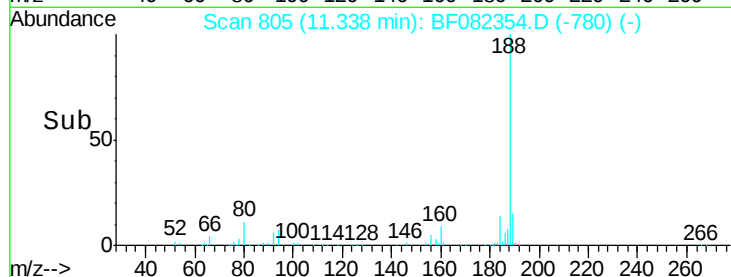
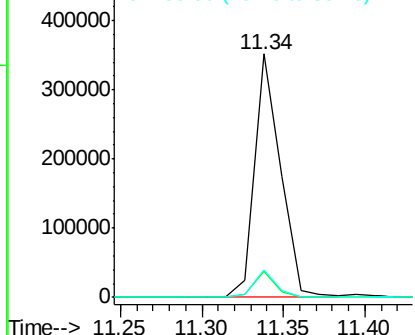
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:188 Resp: 389236
Ion Ratio Lower Upper
188 100
94 10.5 5.8 8.6#
80 11.3 6.4 9.6#

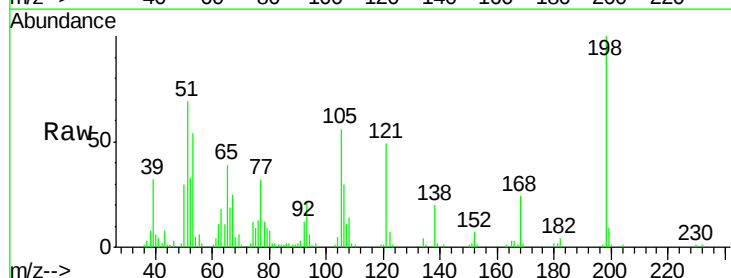


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

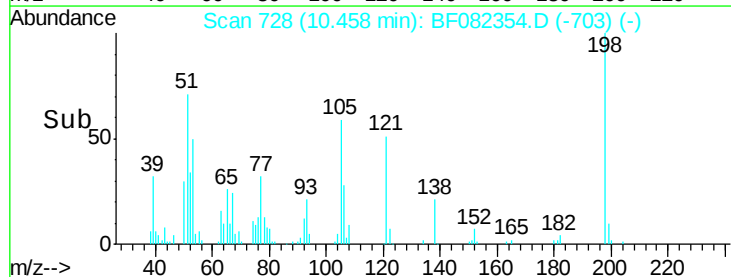
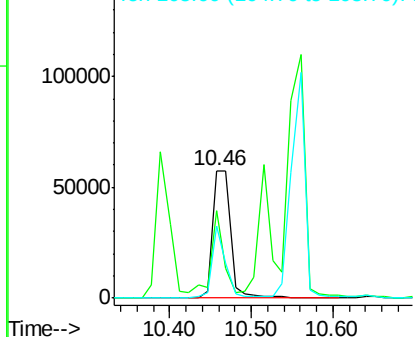


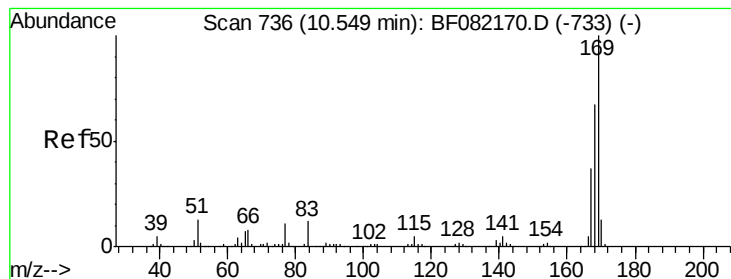
#64
4,6-Dinitro-2-methylphenol
Concen: 40.95 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:198 Resp: 89454
Ion Ratio Lower Upper
198 100
51 69.0 13.6 53.6#
105 56.2 17.1 57.1



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: 39.59 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

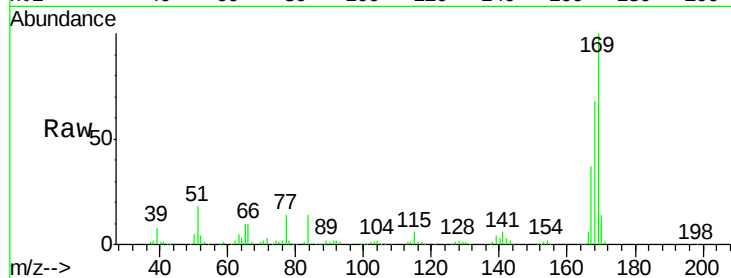
Tot Ion:169 Resp: 461358

Ion Ratio Lower Upper

169 100

168 68.1 54.0 81.0

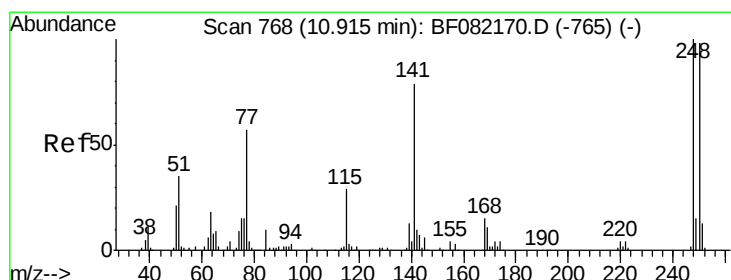
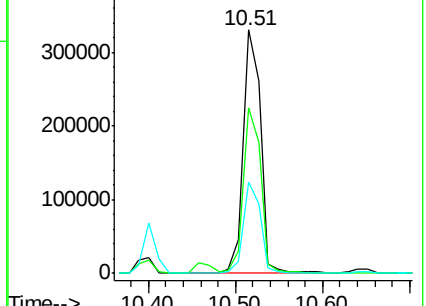
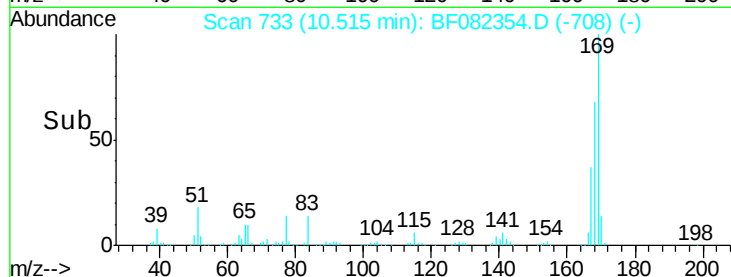
167 37.5 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.25 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

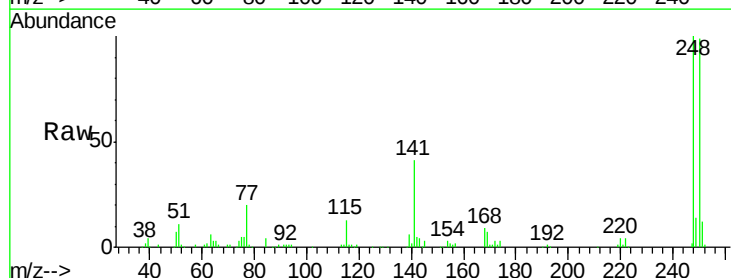
Tgt Ion:248 Resp: 152908

Ion Ratio Lower Upper

248 100

250 98.7 78.6 117.8

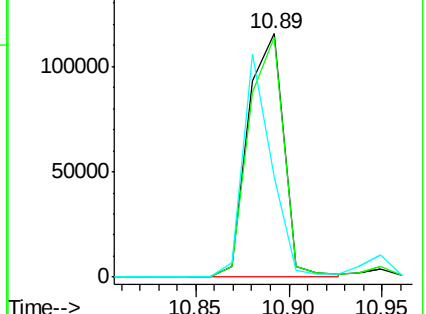
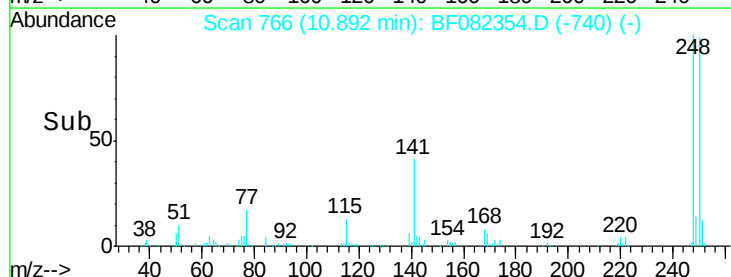
141 40.9 63.3 94.9#

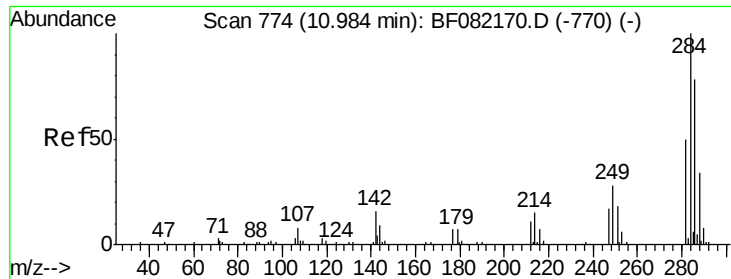


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

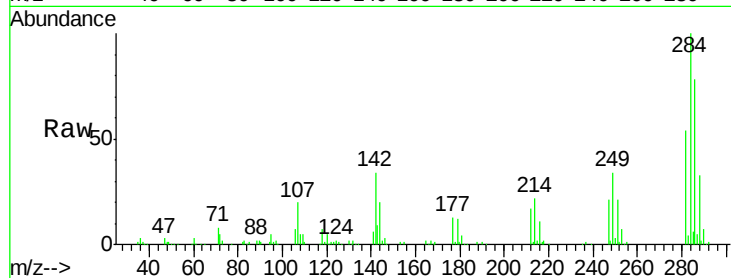




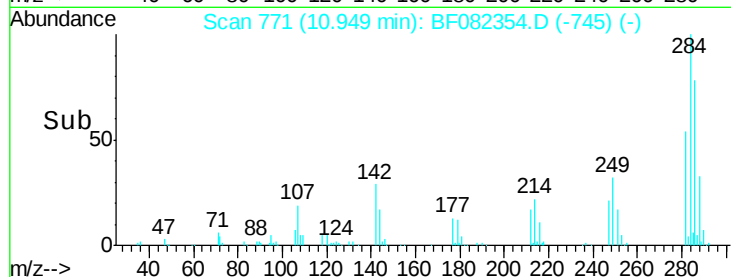
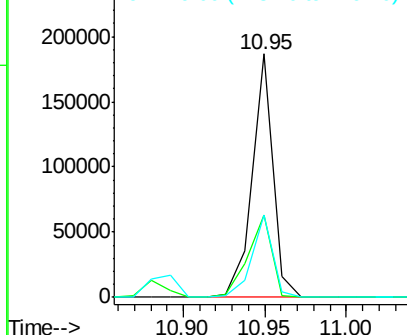
#67
Hexachlorobenzene
Concen: 39.21 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:284 Resp: 165199
Ion Ratio Lower Upper
284 100
142 34.1 13.0 19.6#
249 33.9 22.5 33.7#

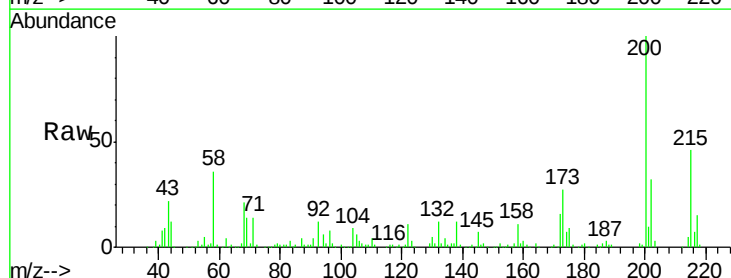


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

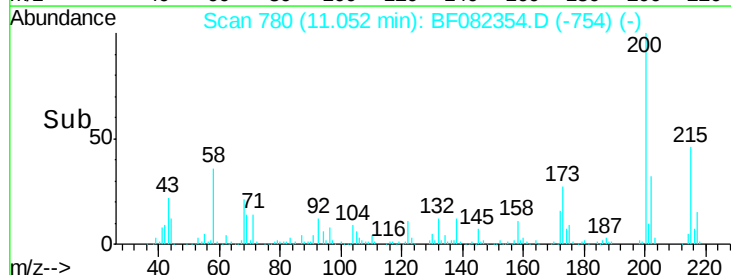
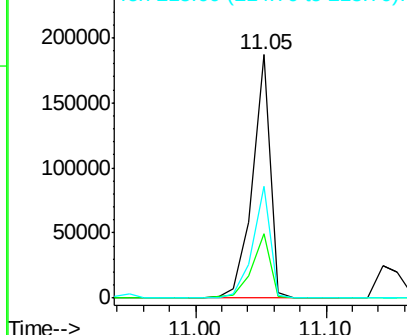


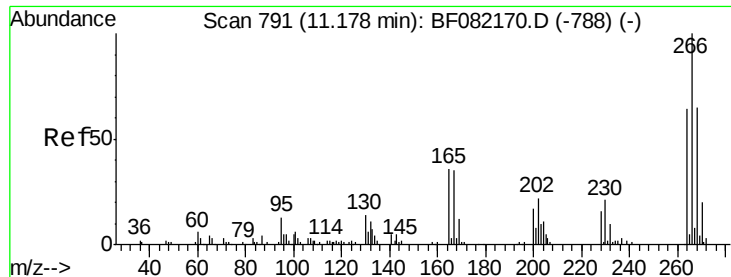
#68
Atrazine
Concen: 48.11 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:200 Resp: 177616
Ion Ratio Lower Upper
200 100
173 26.5 7.3 47.3
215 46.1 26.2 66.2



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

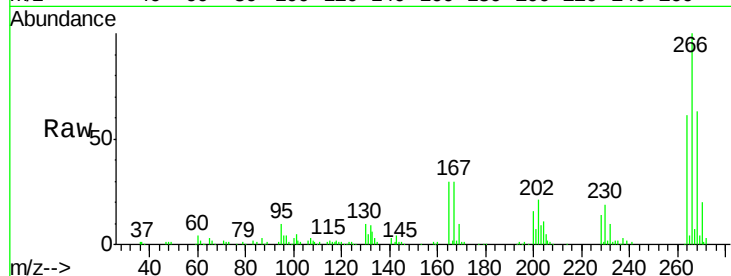




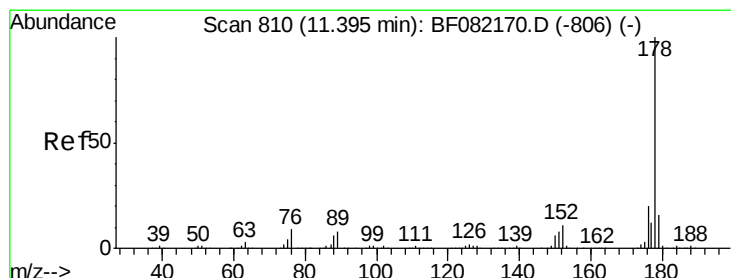
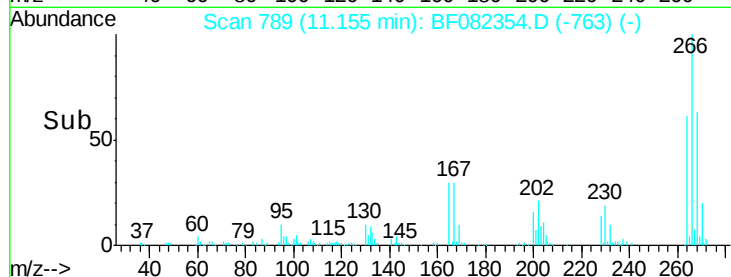
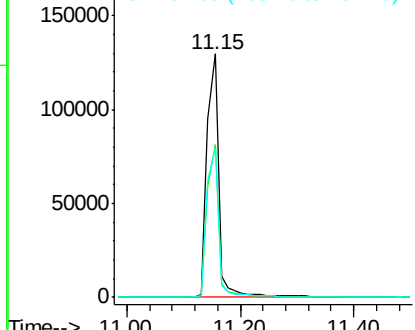
#69
 Pentachlorophenol
 Concen: 82.45 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion:266 Resp: 178737
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 61.4 51.4 77.0

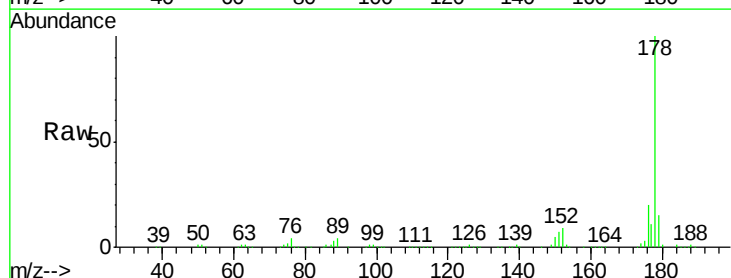


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

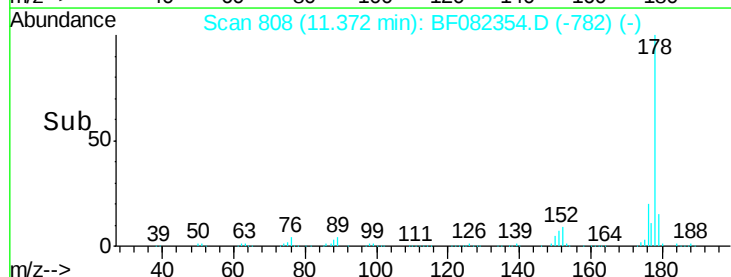
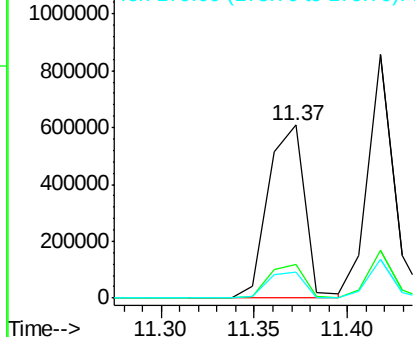


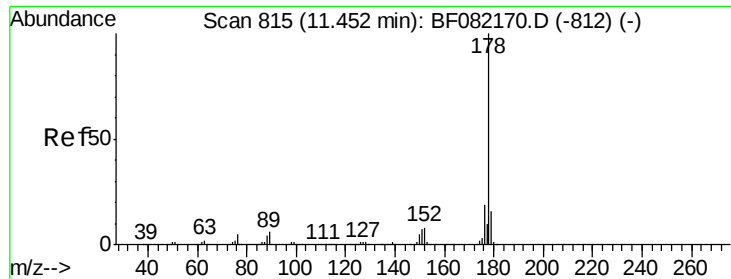
#70
 Phenanthrene
 Concen: 43.17 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:178 Resp: 823695
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.3 12.6 19.0



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

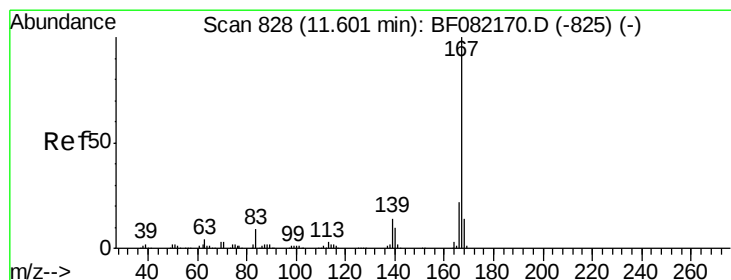
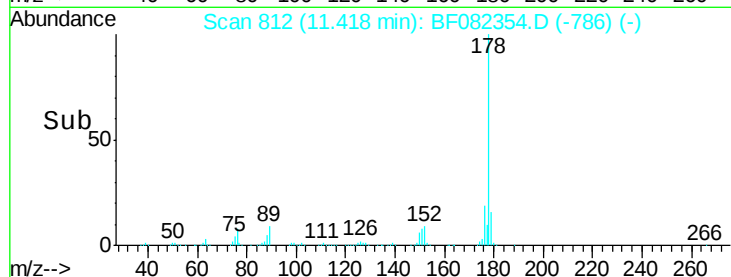
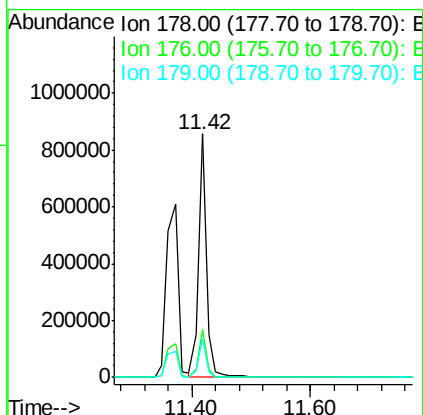
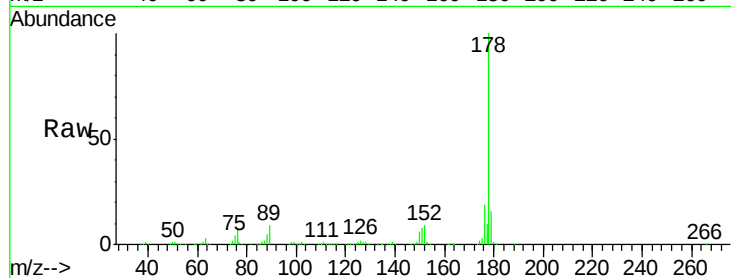




#71
 Anthracene
 Concen: 42.31 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

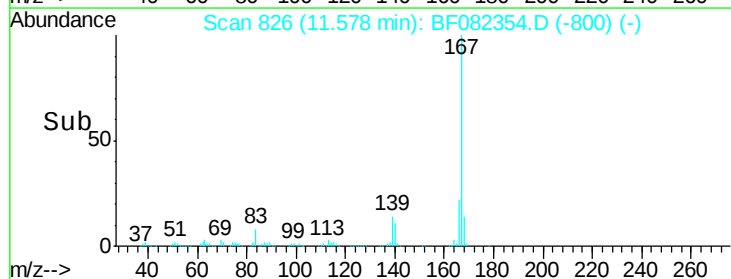
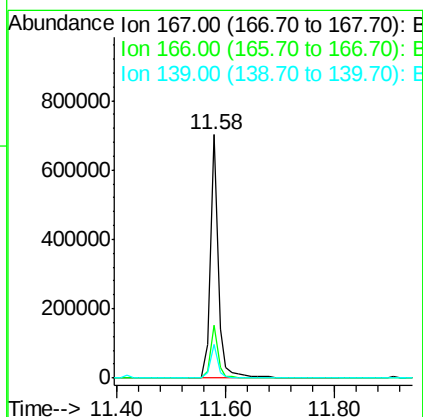
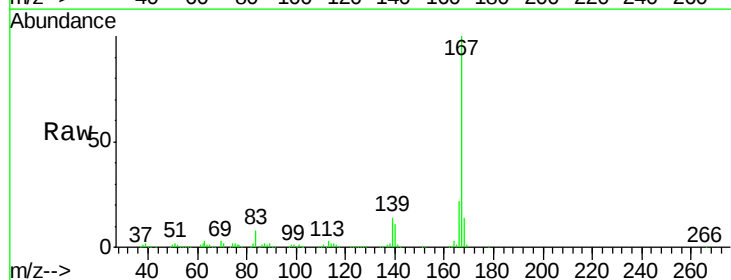
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

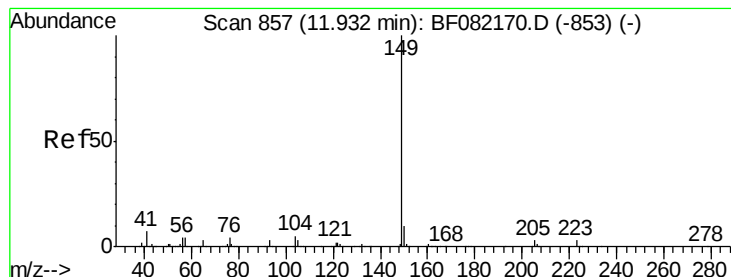
Tot Ion:178 Resp: 831752
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 40.13 ng
 RT: 11.58 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:167 Resp: 719677
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.8 11.2 16.8





#73

Di-n-butylphthalate

Concen: 44.51 ng

RT: 11.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

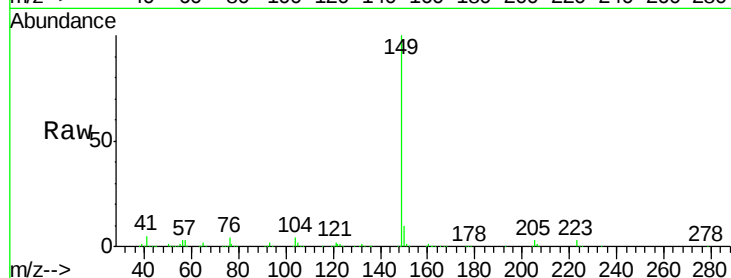
Tot Ion:149 Resp: 984738

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

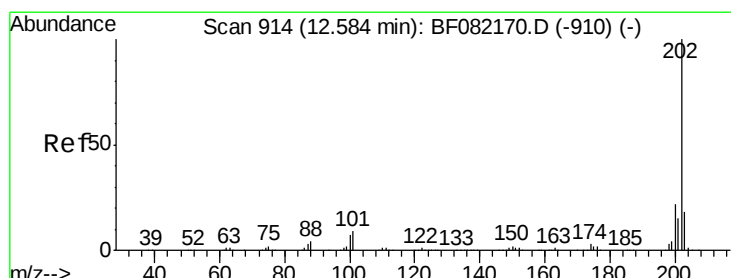
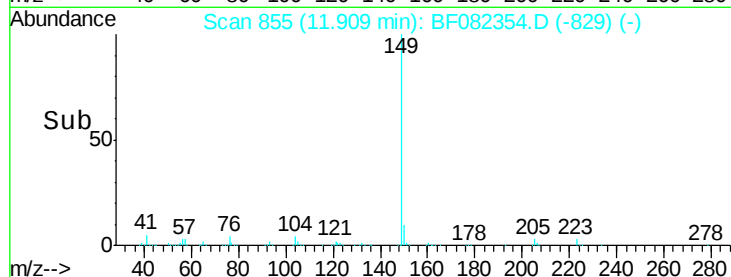
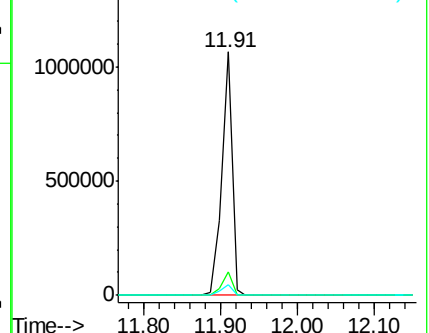
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.37 ng

RT: 12.56 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

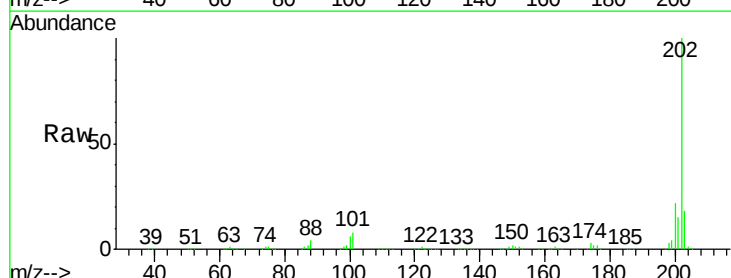
Tgt Ion:202 Resp: 929782

Ion Ratio Lower Upper

202 100

101 7.9 0.0 29.3

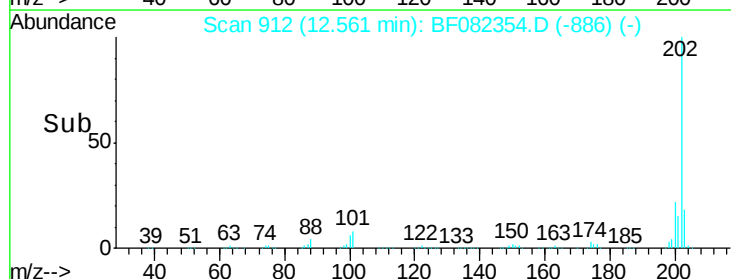
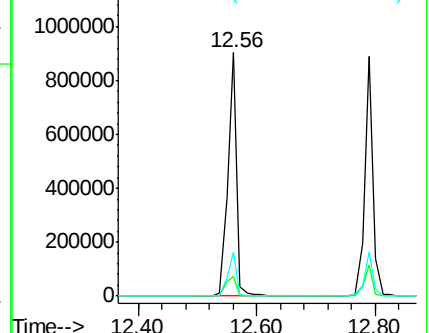
203 18.0 0.0 37.8

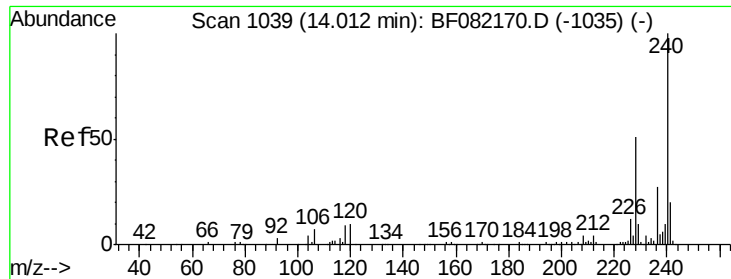


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

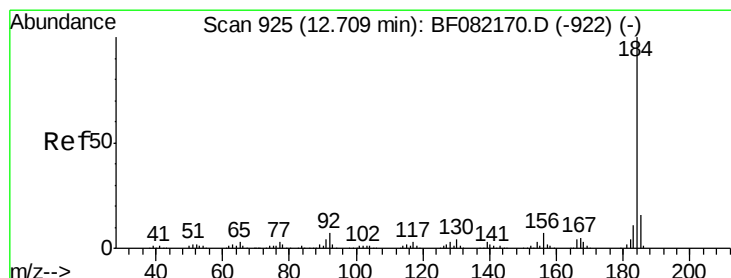
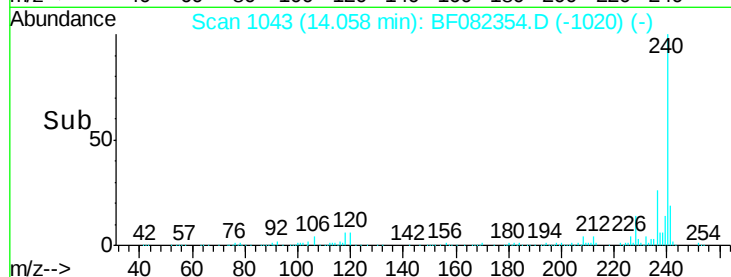
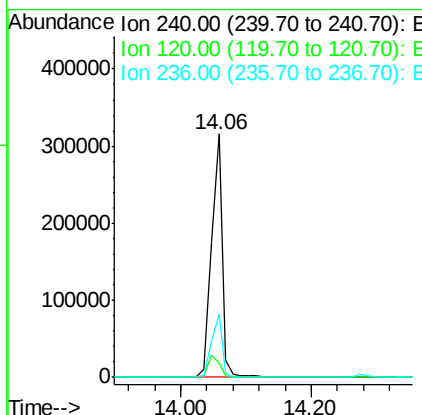
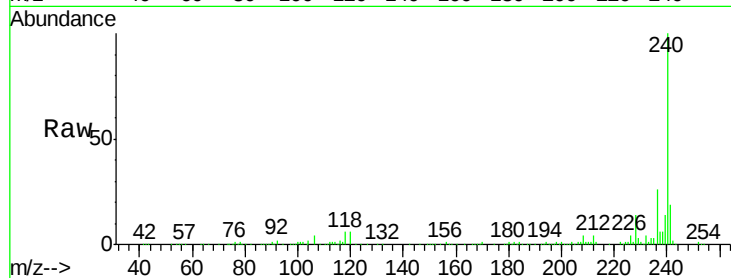




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

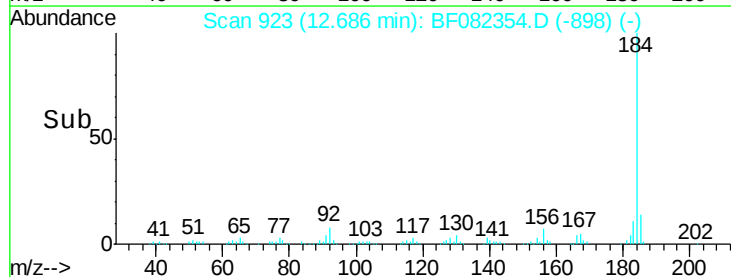
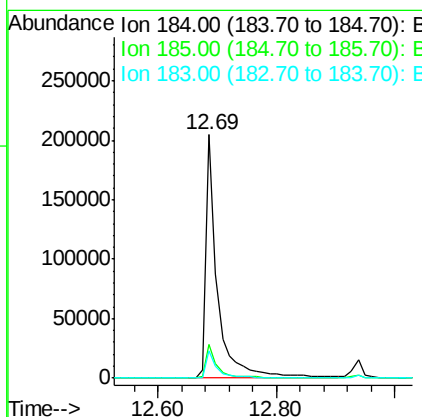
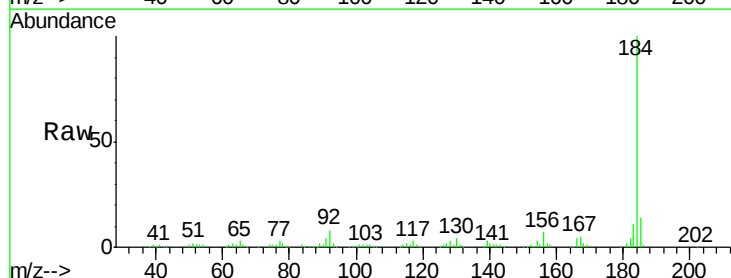
Instrument :
BNA_F
ClientSampleId :
PB86144BS

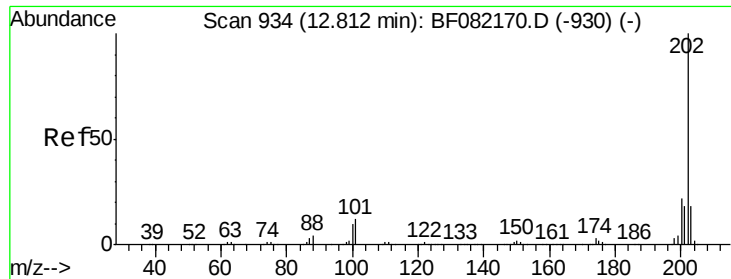
Tot Ion:240 Resp: 370193
Ion Ratio Lower Upper
240 100
120 6.2 8.1 12.1#
236 25.7 21.3 31.9



#76
Benzidine
Concen: 26.52 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:184 Resp: 284474
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.0 9.1 13.7

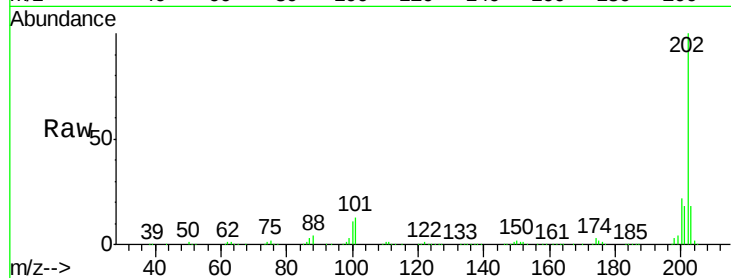




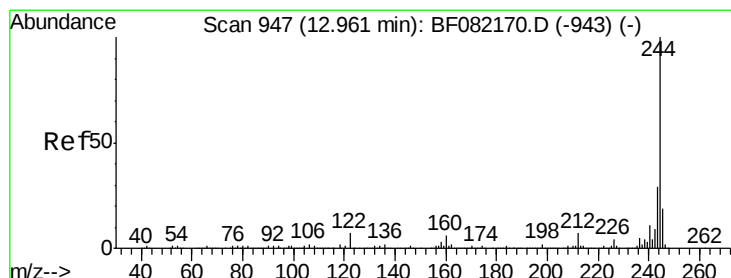
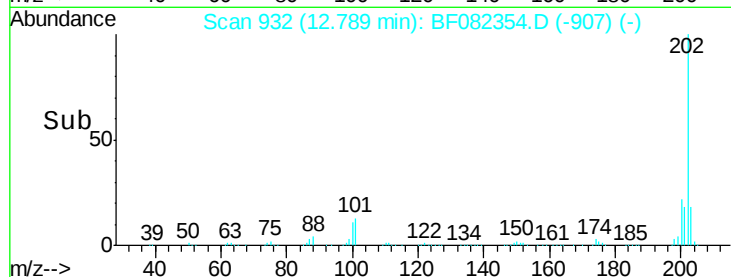
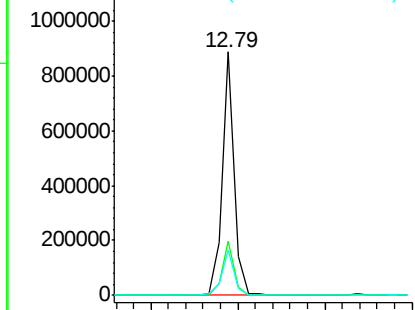
#77
Pvrene
Concen: 39.02 ng
RT: 12.79 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Instrument :
BNA_F
ClientSampleId :
PB86144BS

Tot Ion:202 Resp: 857310
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 18.5 14.5 21.7

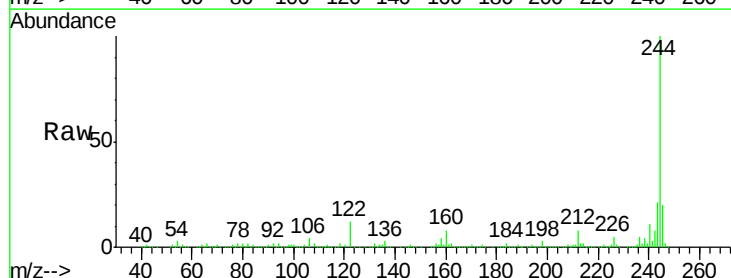


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

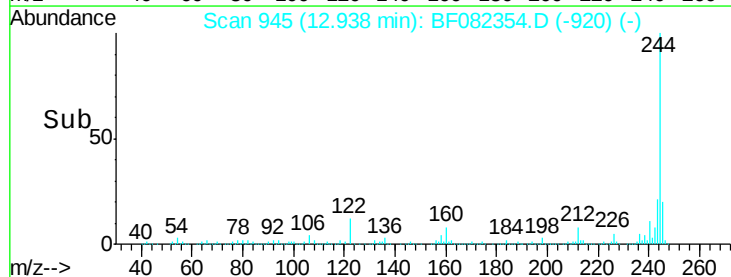
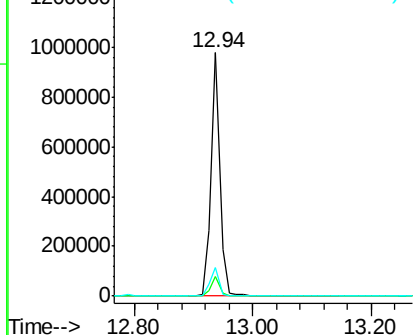


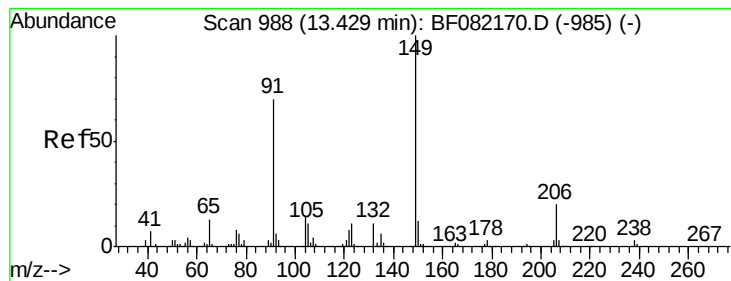
#78
Terphenyl-d14
Concen: 72.95 ng
RT: 12.94 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:244 Resp: 1019094
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 11.9 5.9 8.9#



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: 39.29 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleID :

PB86144BS

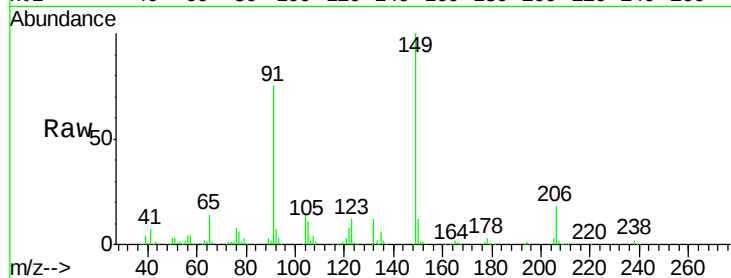
Tot Ion:149 Resp: 393959

Ion Ratio Lower Upper

149 100

91 74.6 55.7 83.5

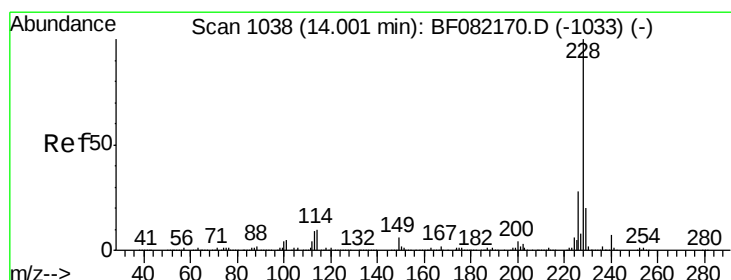
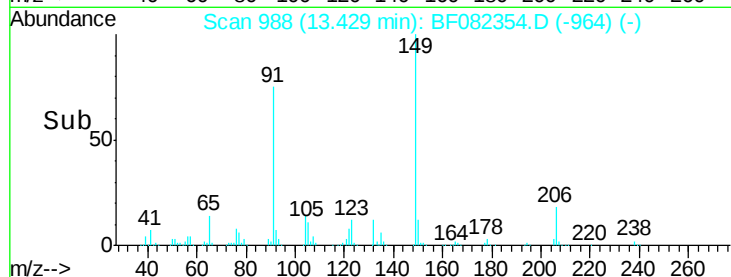
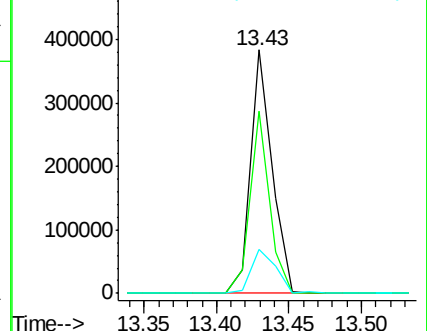
206 18.1 15.6 23.4



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: 38.86 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

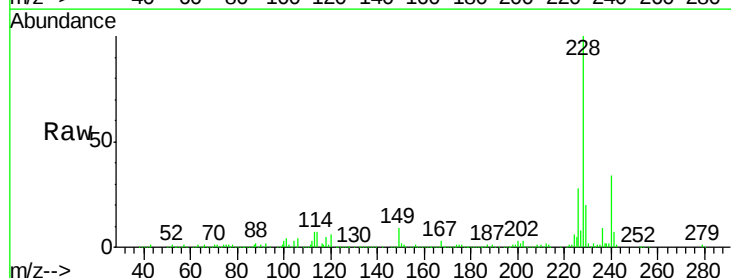
Tgt Ion:228 Resp: 748540

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

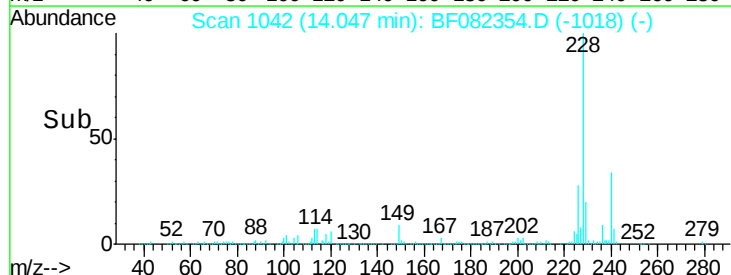
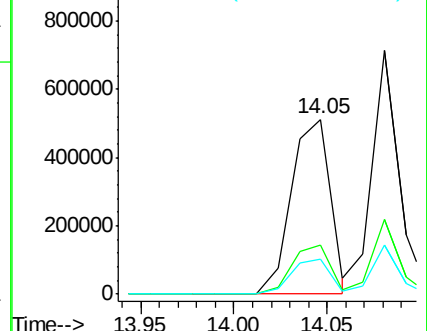
229 20.2 16.2 24.2

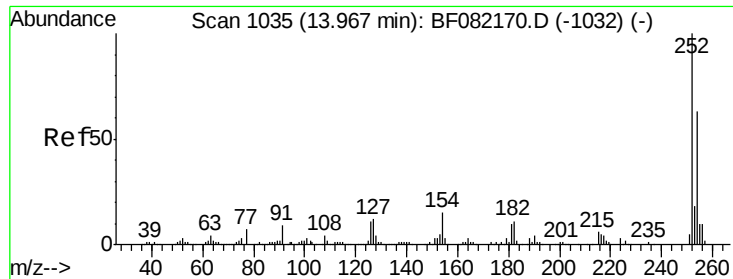


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

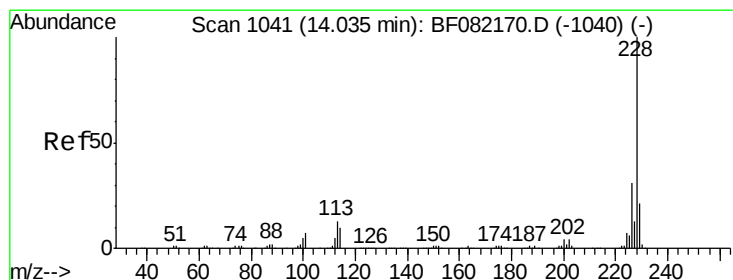
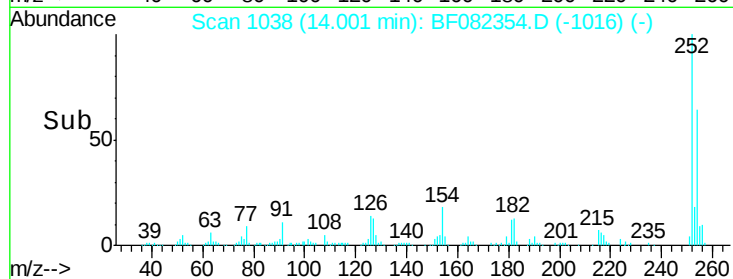
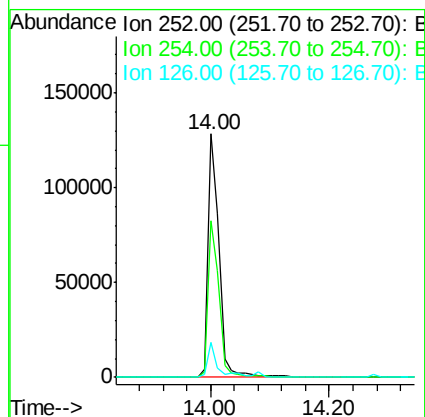
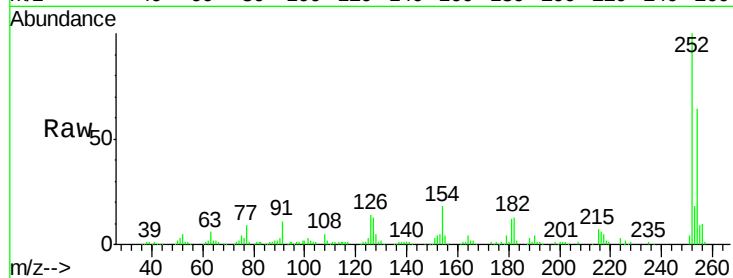




#81
 3,3'-Dichlorobenzidine
 Concen: 22.94 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

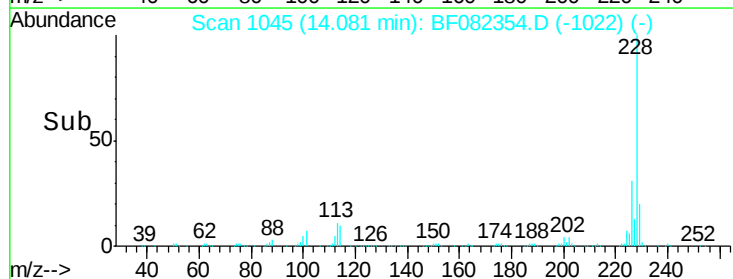
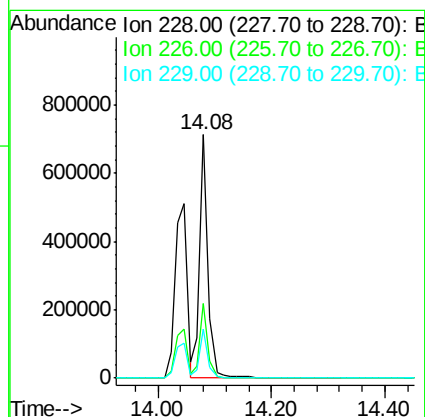
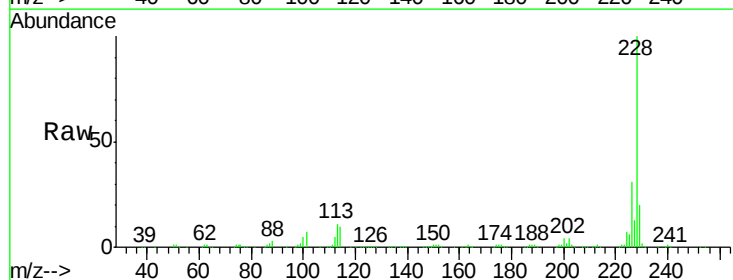
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

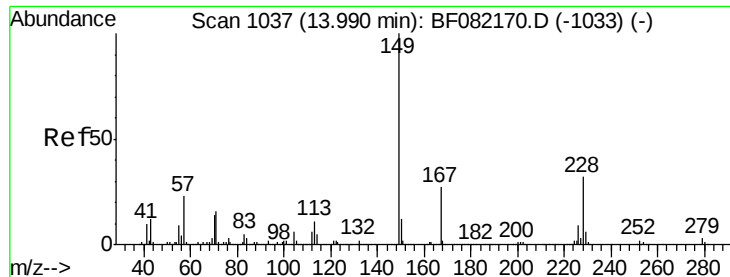
Tot Ion:252 Resp: 167711
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 14.3 9.0 13.6#



#82
 Chrysene
 Concen: 35.74 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:228 Resp: 725269
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.2 16.3 24.5

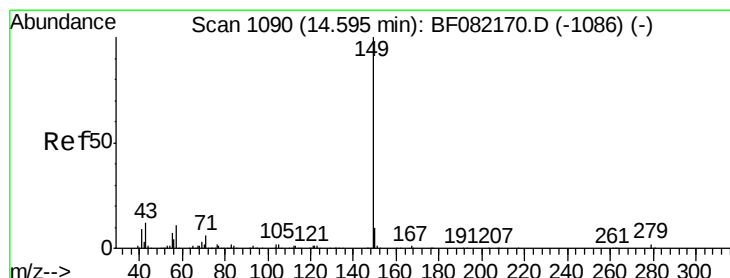
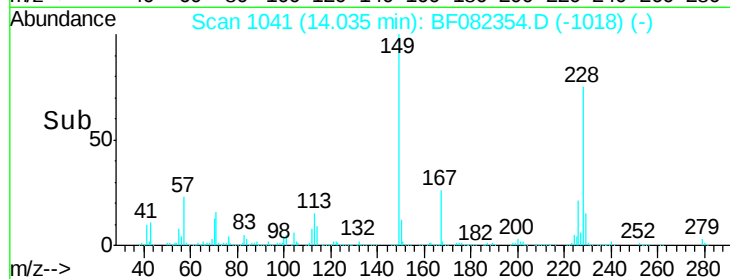
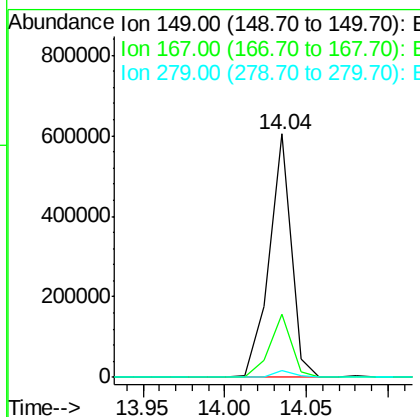
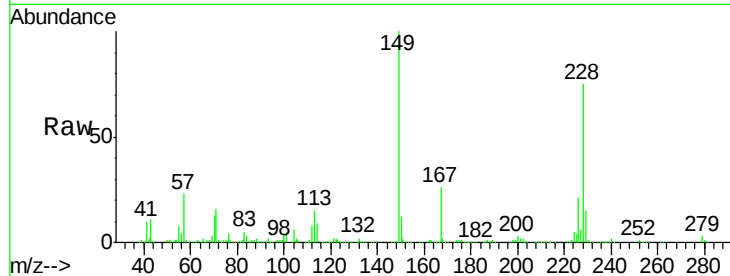




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.96 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

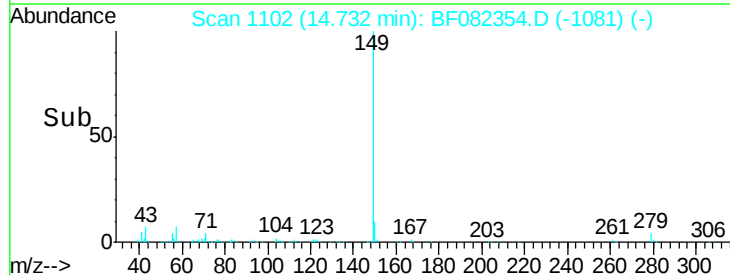
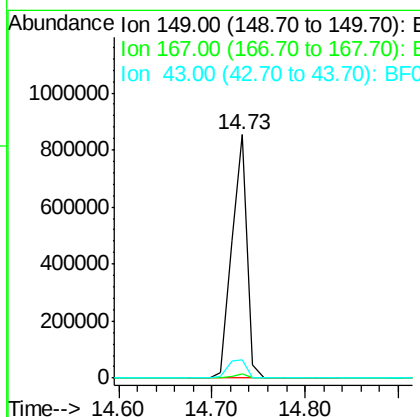
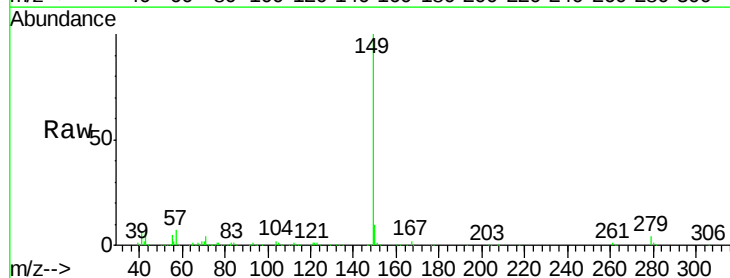
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion:149 Resp: 571543
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.9 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.73 min Scan# 1102
 Delta R.T. -0.06 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:149 Resp: 966778
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 7.4 11.2

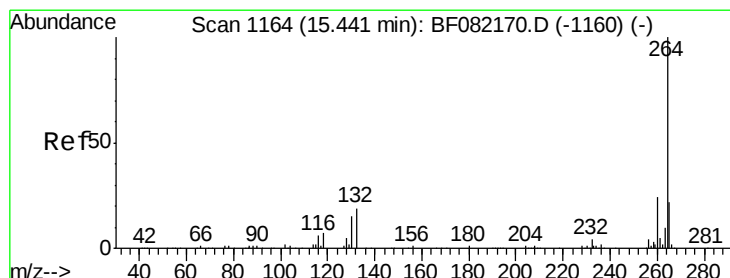
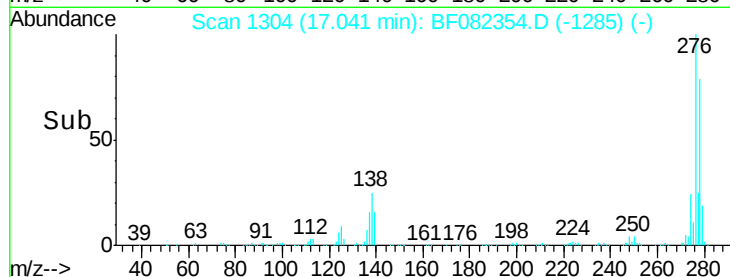
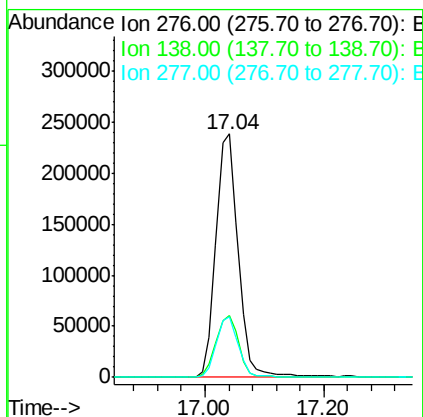
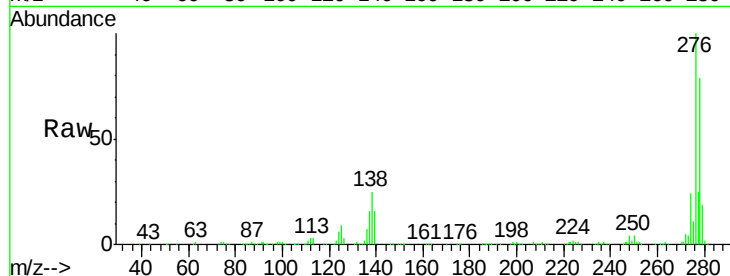




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.73 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

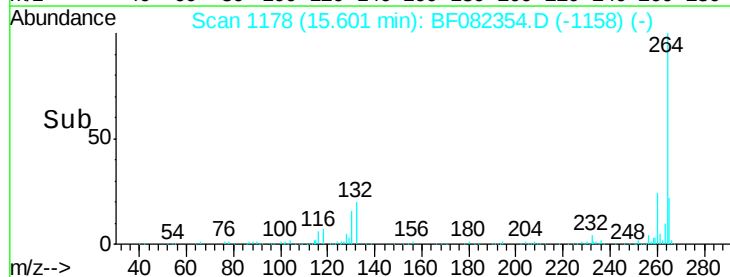
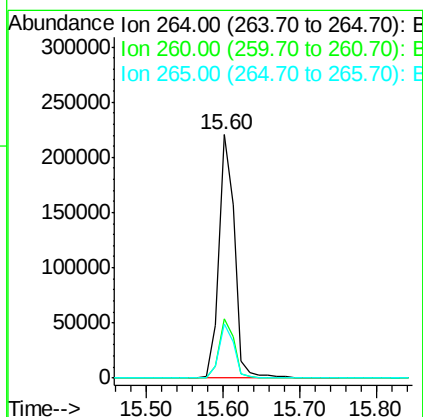
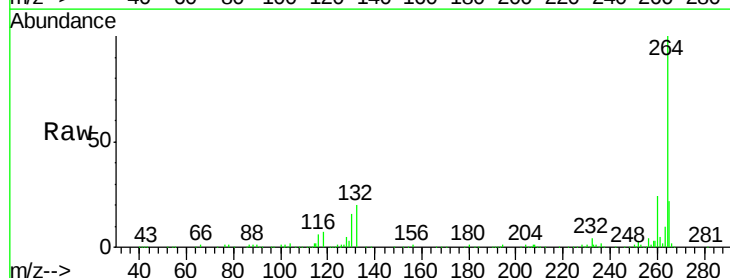
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

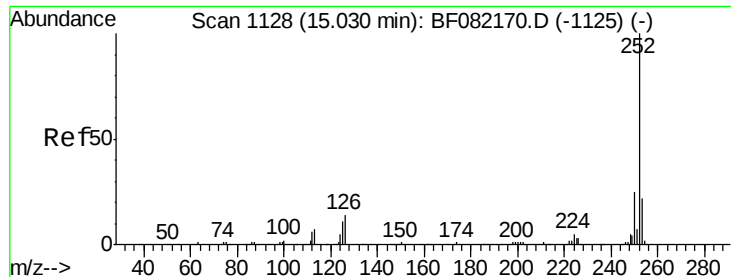
Tot Ion:276 Resp: 624762
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.7 29.5
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1178
 Delta R.T. -0.07 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Tgt Ion:264 Resp: 315291
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.4 17.3 25.9

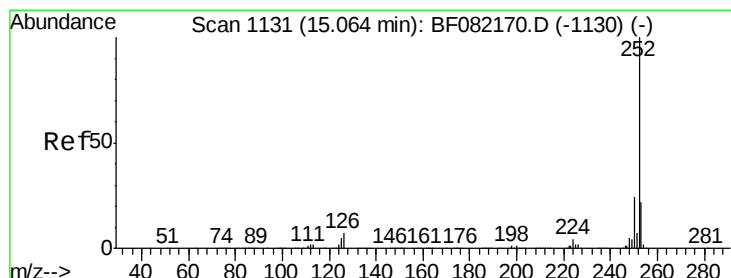
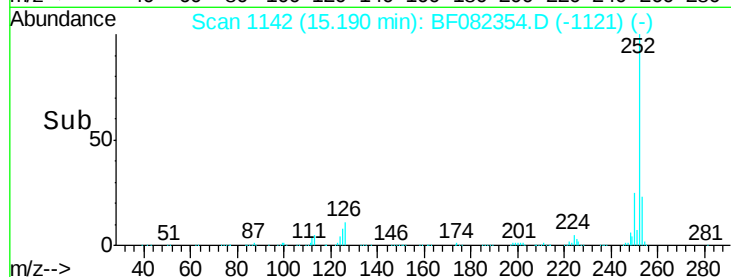
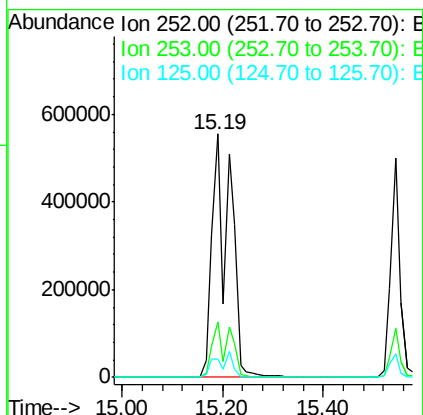
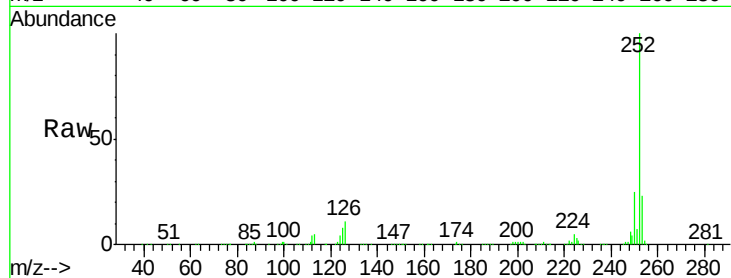




#87
Benzo(b)fluoranthene
Concen: 72.66 ng
RT: 15.19 min Scan# 1142
Delta R.T. -0.06 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

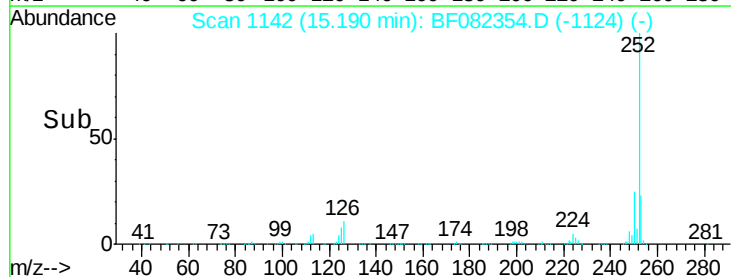
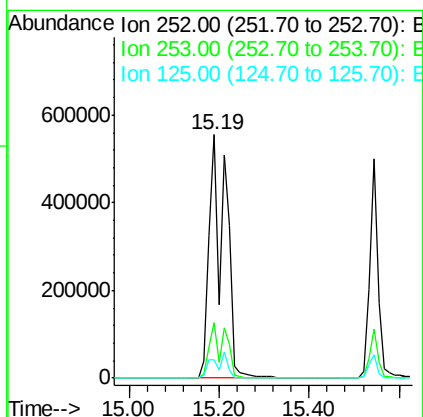
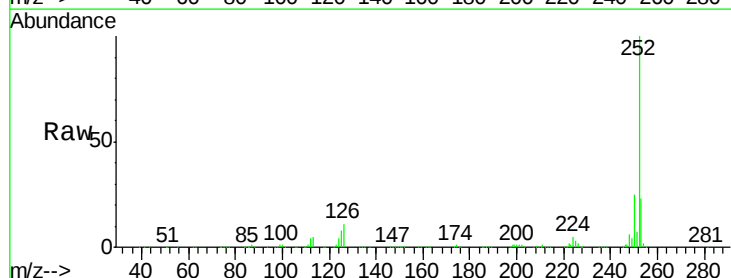
Instrument :
BNA_F
ClientSampleId :
PB86144BS

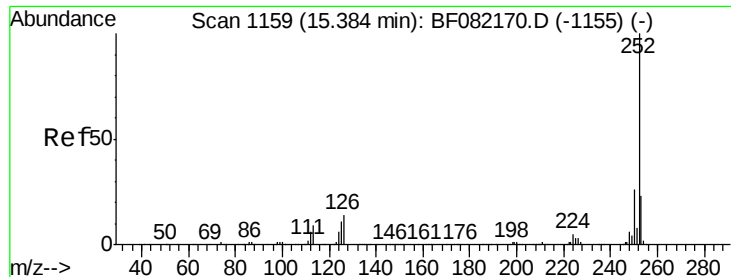
Tot Ion:252 Resp: 1393859
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 7.7 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 86.57 ng
RT: 15.19 min Scan# 1142
Delta R.T. -0.09 min
Lab File: BF082354.D
Acq: 19 Oct 2015 14:34

Tgt Ion:252 Resp: 1395801
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 7.7 6.7 10.1





#89

Benzo(a)pyrene

Concen: 39.53 ng

RT: 15.54 min Scan# 1173

Delta R.T. -0.07 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

Instrument :

BNA_F

ClientSampleId :

PB86144BS

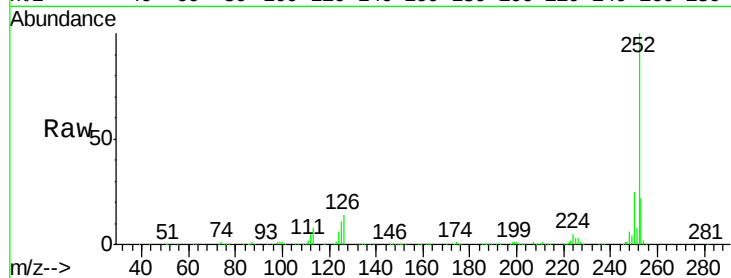
Tot Ion:252 Resp: 651616

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

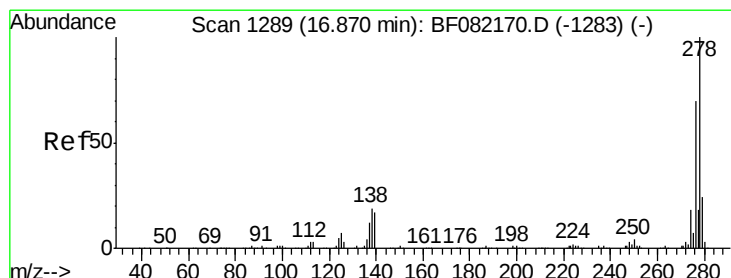
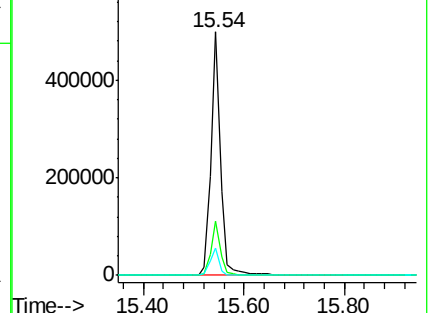
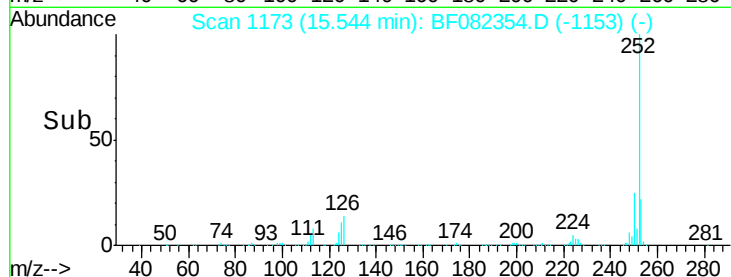
125 11.0 8.9 13.3



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: 39.25 ng

RT: 17.05 min Scan# 1305

Delta R.T. -0.08 min

Lab File: BF082354.D

Acq: 19 Oct 2015 14:34

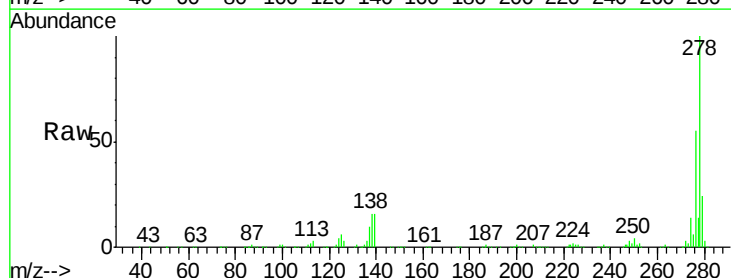
Tgt Ion:278 Resp: 530312

Ion Ratio Lower Upper

278 100

139 16.4 13.3 19.9

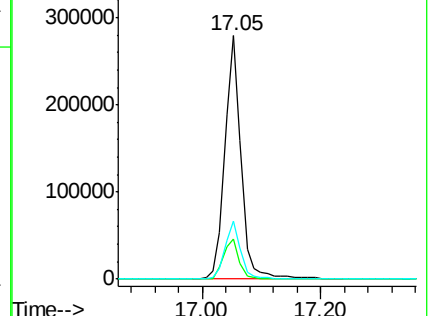
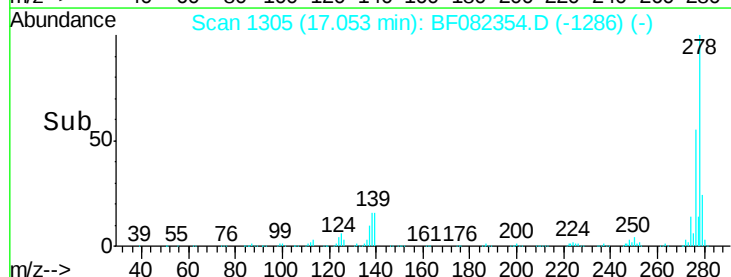
279 23.9 18.9 28.3

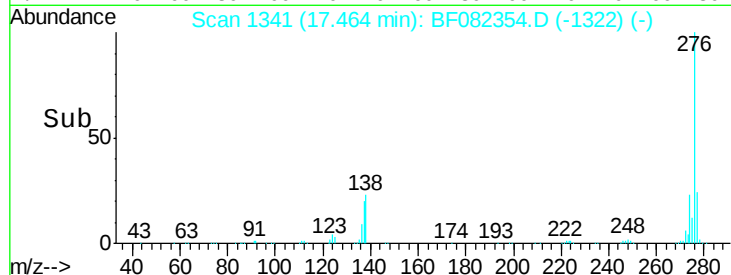
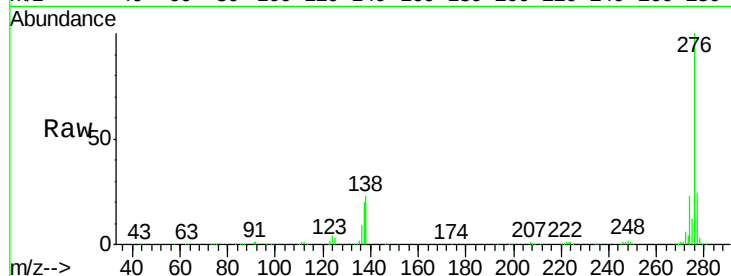
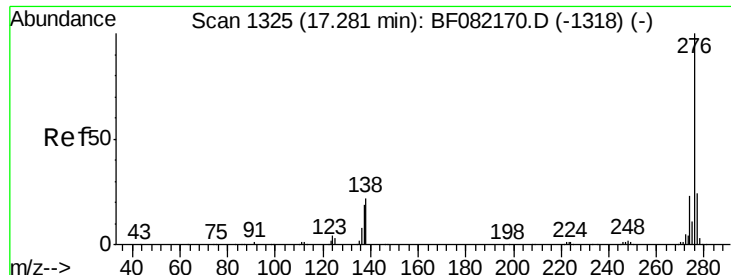


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.04 ng
 RT: 17.46 min Scan# 1341
 Delta R.T. -0.08 min
 Lab File: BF082354.D
 Acq: 19 Oct 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.7	17.4	26.2

