

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081854.D
 Acq On : 28 Sep 2015 20:45
 Operator : UM/IZ
 Sample : PB85767BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Quant Time: Sep 29 02:19:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	119027	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	459910	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	226592	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	427169	20.00	ng	0.00
75) Chrysene-d12	14.12	240	370846	20.00	ng	0.00
86) Perylene-d12	15.58	264	328802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	500775	76.37	ng	0.01
7) Phenol-d6	6.56	99	633056	76.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	529636	76.77	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	174147	75.89	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1092201	79.68	ng	0.00
78) Terphenyl-d14	13.05	244	961144	83.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	90573	31.76	ng	91
3) Pyridine	3.37	79	252772	34.05	ng	86
4) n-Nitrosodimethylamine	3.33	42	116134	34.44	ng	97
6) Aniline	6.59	93	225792	20.37	ng	# 81
8) 2-Chlorophenol	6.72	128	278566	38.47	ng	97
9) Benzaldehyde	6.48	77	86711	16.05	ng	# 80
10) Phenol	6.57	94	361417	39.05	ng	73
11) bis(2-Chloroethyl)ether	6.66	93	272789	38.01	ng	96
12) 1,3-Dichlorobenzene	6.87	146	316117	36.96	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	328978	36.84	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	331434	41.65	ng	95
15) Benzyl Alcohol	7.07	79	229816	38.59	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	404037	39.82	ng	79
17) 2-Methylphenol	7.19	107	228298	38.89	ng	# 86
18) Hexachloroethane	7.44	117	106911	38.24	ng	88
19) n-Nitroso-di-n-propylamine	7.35	70	191963	38.28	ng	# 76
20) 3+4-Methylphenols	7.34	107	292954	39.51	ng	# 59
22) Acetophenone	7.35	105	372950	39.66	ng	# 83
24) Nitrobenzene	7.52	77	298274	39.81	ng	# 72
25) Isophorone	7.76	82	523906	38.31	ng	# 97
26) 2-Nitrophenol	7.84	139	145812	40.55	ng	# 77
27) 2,4-Dimethylphenol	7.87	122	259068	40.95	ng	# 83
28) bis(2-Chloroethoxy)methane	7.97	93	312519	38.48	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	252325	41.13	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	269066	39.29	ng	97
31) Naphthalene	8.24	128	789241	38.73	ng	97
32) Benzoic acid	7.99	122	128895	36.19	ng	# 67
33) 4-Chloroaniline	8.30	127	100306	11.38	ng	# 92
34) Hexachlorobutadiene	8.35	225	157540	38.90	ng	98
35) Caprolactam	8.66	113	71856	42.31	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	251652	41.95	ng	88
37) 2-Methylnaphthalene	8.94	142	559324	40.21	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	260679	37.47	ng	99
40) Hexachlorocyclopentadiene	9.09	237	322693	90.08	ng	97

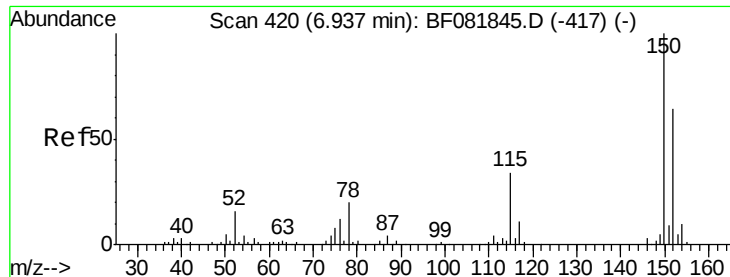
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	179036	37.54	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	197991	40.37	ng	96
45) 1,1'-Biphenyl	9.41	154	655188	37.48	ng	94
46) 2-Chloronaphthalene	9.43	162	545775	39.76	ng	97
47) 2-Nitroaniline	9.52	65	152905	37.95	ng	# 69
48) Acenaphthylene	9.84	152	825397	37.57	ng	96
49) Dimethylphthalate	9.70	163	622053	39.77	ng	# 98
50) 2,6-Dinitrotoluene	9.77	165	129208	38.05	ng	# 90
51) Acenaphthene	10.01	154	539959	41.39	ng	89
52) 3-Nitroaniline	9.94	138	75981	19.34	ng	# 90
53) 2,4-Dinitrophenol	10.05	184	112060	72.49	ng	# 79
54) Dibenzofuran	10.18	168	711572	38.59	ng	# 86
55) 4-Nitrophenol	10.09	139	217770	76.72	ng	# 42
56) 2,4-Dinitrotoluene	10.17	165	191767	44.30	ng	# 93
57) Fluorene	10.53	166	531167	40.05	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	155776	40.04	ng	96
59) Diethylphthalate	10.40	149	584436	40.00	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	258016	38.22	ng	90
61) 4-Nitroaniline	10.56	138	138828	35.24	ng	# 69
62) Azobenzene	10.67	77	569089	39.91	ng	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	78588	41.83	ng	97
65) n-Nitrosodiphenylamine	10.64	169	493014	38.15	ng	91
66) 4-Bromophenyl-phenylether	11.02	248	169154	39.27	ng	# 83
67) Hexachlorobenzene	11.07	284	200772	41.30	ng	# 79
68) Atrazine	11.17	200	155736	38.84	ng	84
69) Pentachlorophenol	11.27	266	221034	79.81	ng	98
70) Phenanthrene	11.50	178	868183	42.13	ng	97
71) Anthracene	11.54	178	861157	39.66	ng	97
72) Carbazole	11.70	167	798867	40.65	ng	96
73) Di-n-butylphthalate	12.02	149	850383	42.41	ng	# 98
74) Fluoranthene	12.69	202	911444	39.83	ng	86
76) Benzidine	12.81	184	232435	20.80	ng	98
77) Pyrene	12.91	202	939999	42.43	ng	96
79) Butylbenzylphthalate	13.53	149	365300	43.82	ng	# 95
80) Benzo(a)anthracene	14.10	228	810620	40.59	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	128905	19.11	ng	# 93
82) Chrysene	14.14	228	774809	43.92	ng	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	450095	43.04	ng	# 90
84) Di-n-octyl phthalate	14.70	149	715547	42.05	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	630557	40.36	ng	# 86
87) Benzo(b)fluoranthene	15.18	252	1395968	74.36	ng	# 88
88) Benzo(k)fluoranthene	15.18	252	1396824	81.18	ng	# 88
89) Benzo(a)pyrene	15.52	252	660835	40.58	ng	# 85
90) Dibenzo(a,h)anthracene	17.06	278	511320	37.43	ng	# 80
91) Benzo(g,h,i)perylene	17.49	276	524771	37.48	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

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PB85767BSD

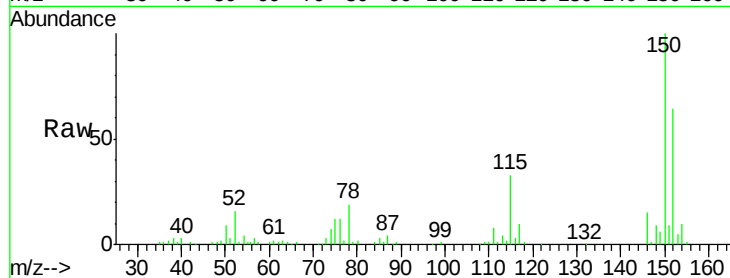
Tgt Ion:152 Resp: 119027

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

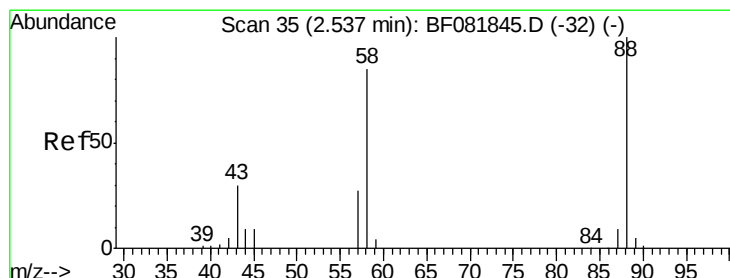
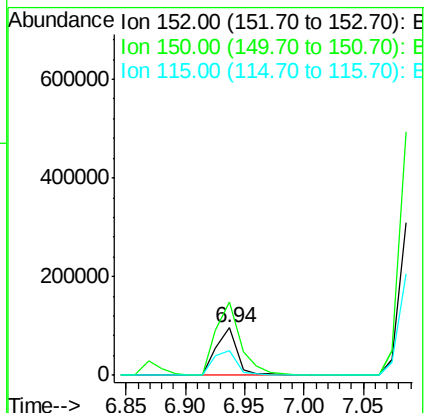
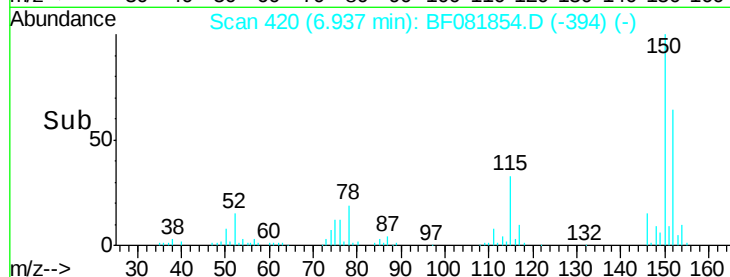
115 51.0 39.0 58.4



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: 31.76 ng

RT: 2.62 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

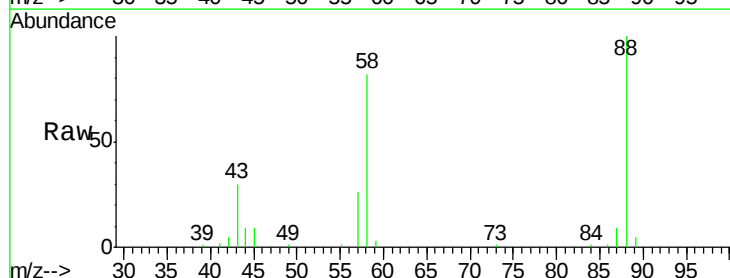
Tgt Ion: 88 Resp: 90573

Ion Ratio Lower Upper

88 100

58 86.1 77.7 116.5

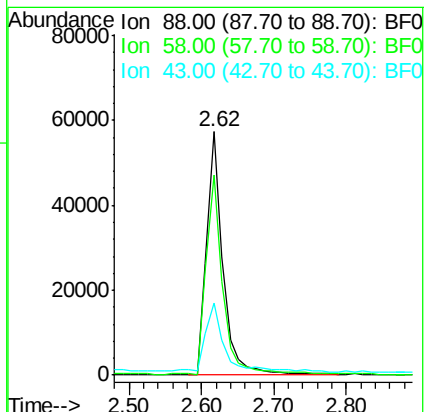
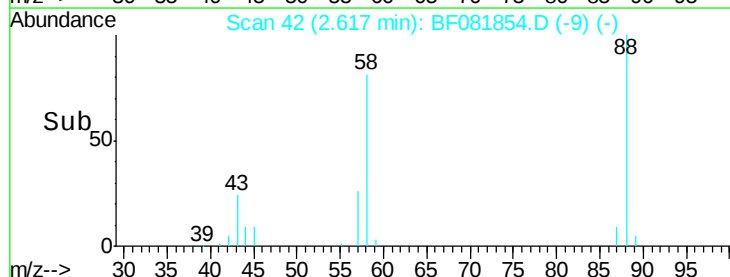
43 32.5 26.6 40.0

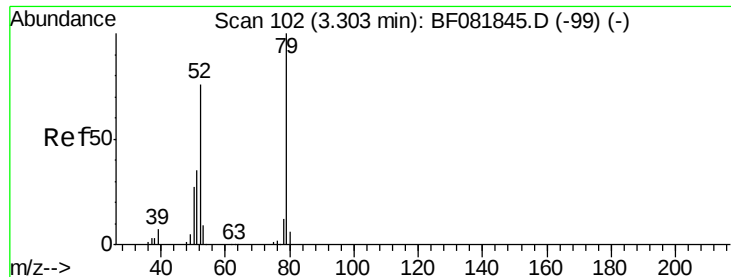


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.05 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

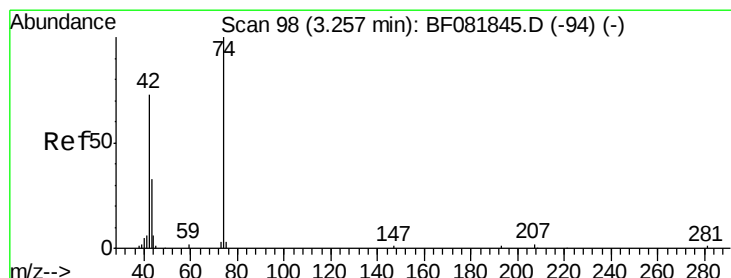
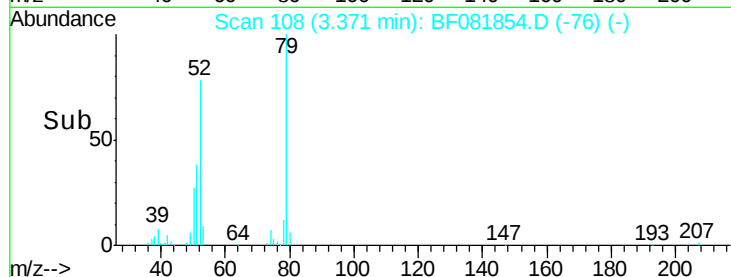
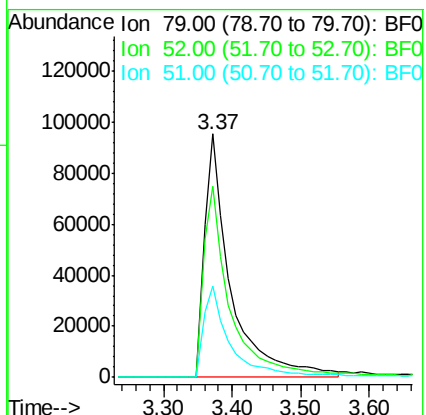
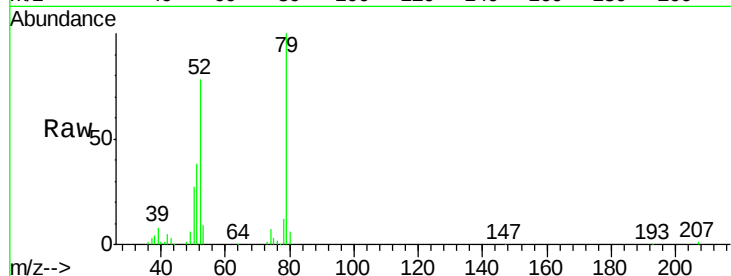
Tgt Ion: 79 Resp: 252772

Ion Ratio Lower Upper

79 100

52 78.3 76.8 115.2

51 37.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.44 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

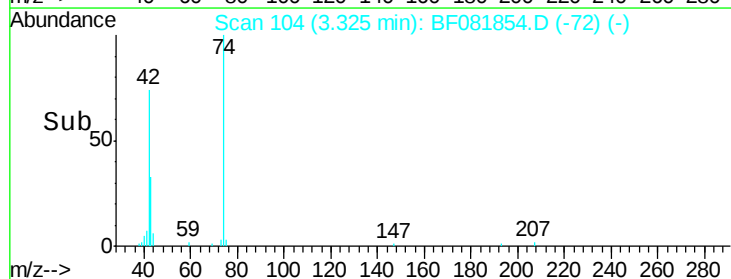
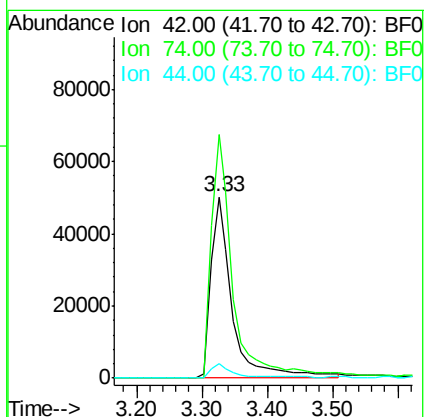
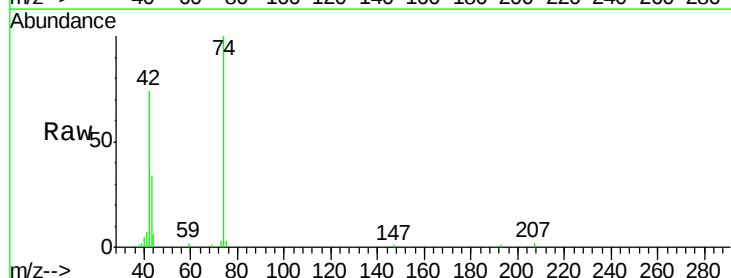
Tgt Ion: 42 Resp: 116134

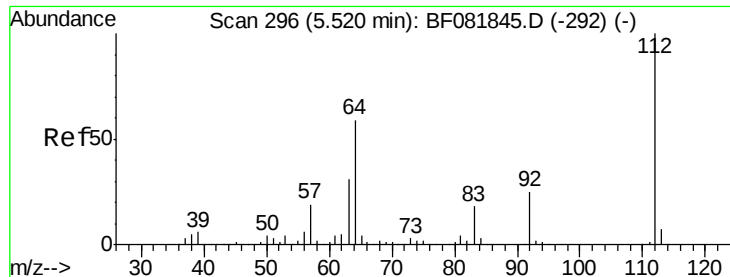
Ion Ratio Lower Upper

42 100

74 134.6 105.0 157.6

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 76.37 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

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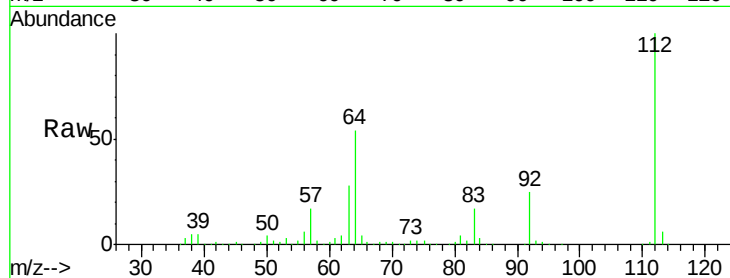
Tgt Ion: 112 Resp: 500775

Ion Ratio Lower Upper

112 100

64 53.9 39.7 59.5

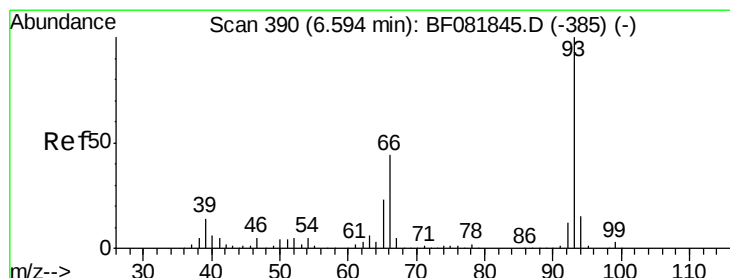
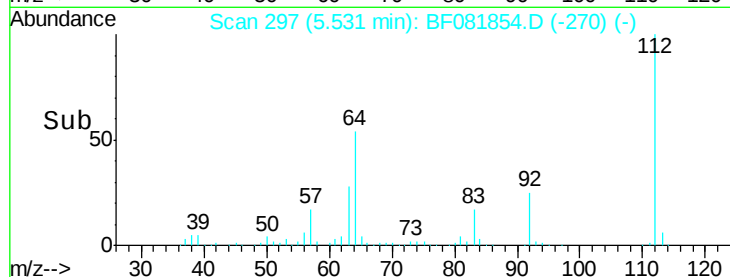
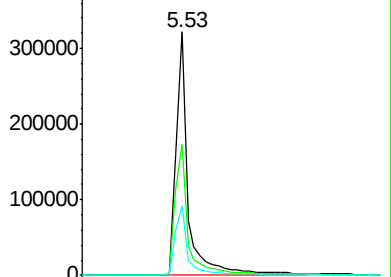
63 28.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.37 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

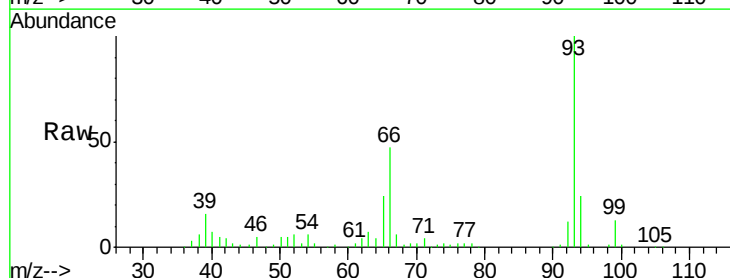
Tgt Ion: 93 Resp: 225792

Ion Ratio Lower Upper

93 100

66 46.9 27.2 40.8#

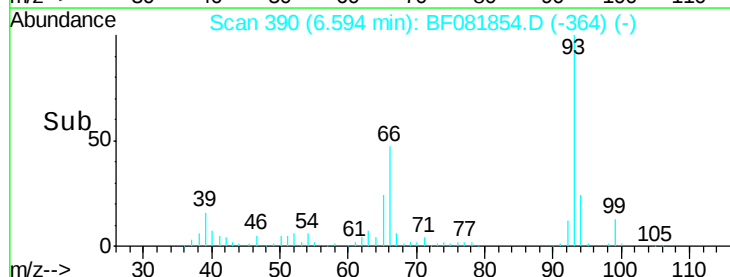
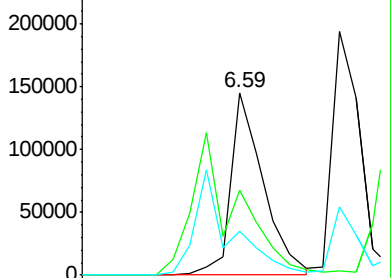
65 24.4 14.7 22.1#

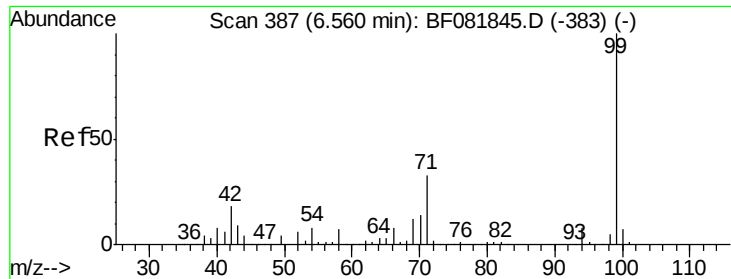


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.73 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081854.D

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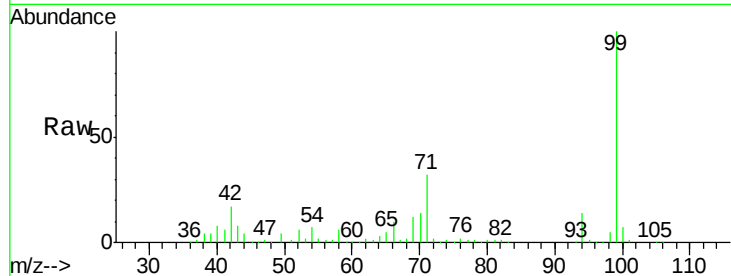
Tgt Ion: 99 Resp: 633056

Ion Ratio Lower Upper

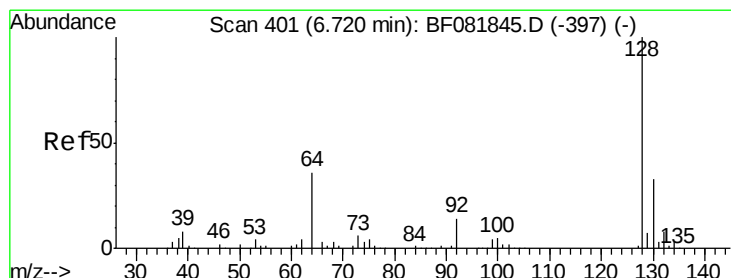
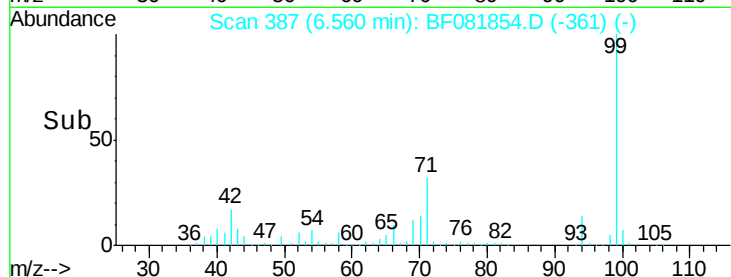
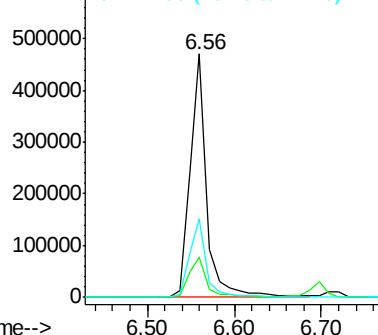
99 100

42 16.6 13.7 20.5

71 32.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.47 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

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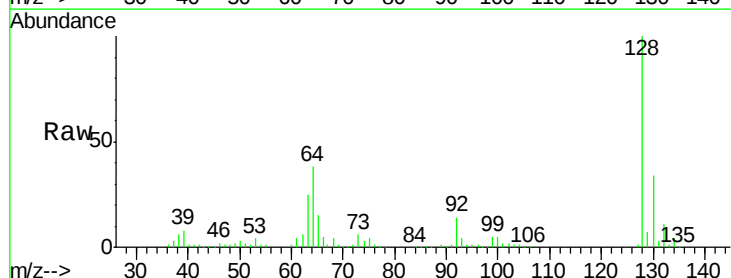
Tgt Ion: 128 Resp: 278566

Ion Ratio Lower Upper

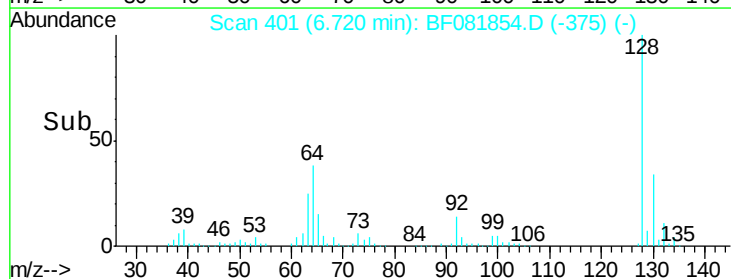
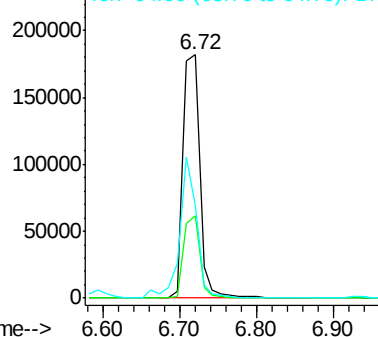
128 100

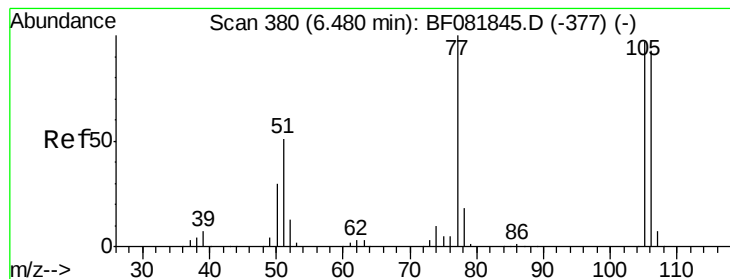
130 33.9 12.2 52.2

64 38.3 20.5 60.5



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: 16.05 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081854.D

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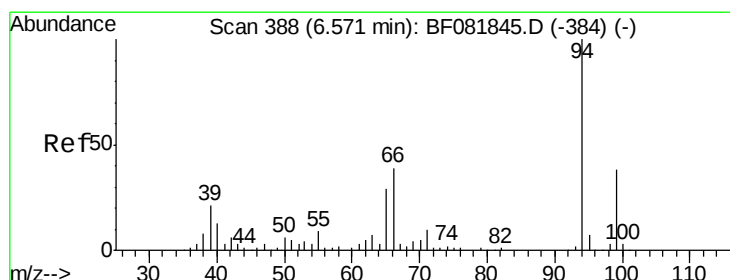
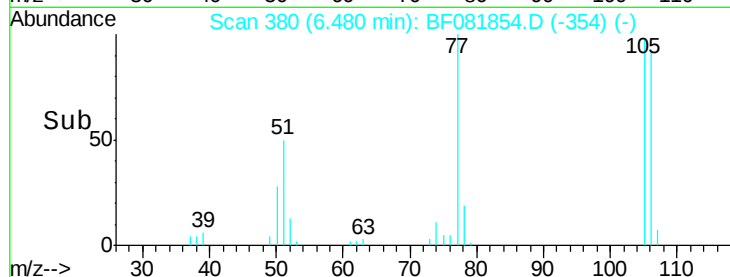
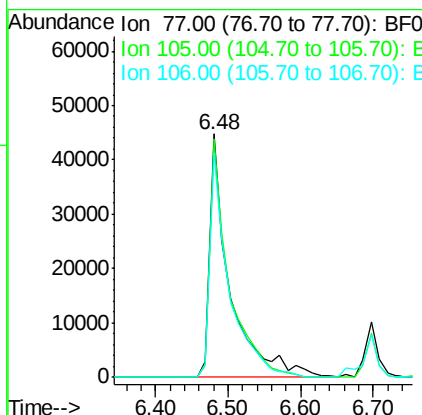
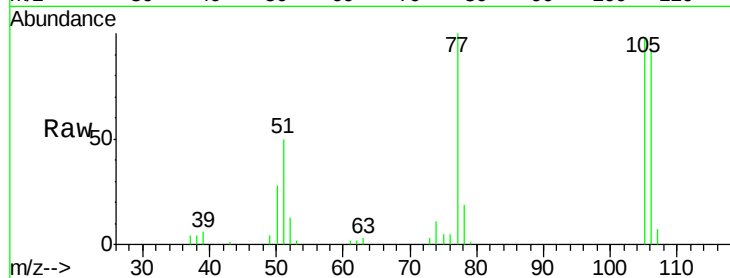
Tgt Ion: 77 Resp: 86711

Ion Ratio Lower Upper

77 100

105 98.0 91.6 131.6

106 92.2 102.6 142.6#



#10

Phenol

Concen: 39.05 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

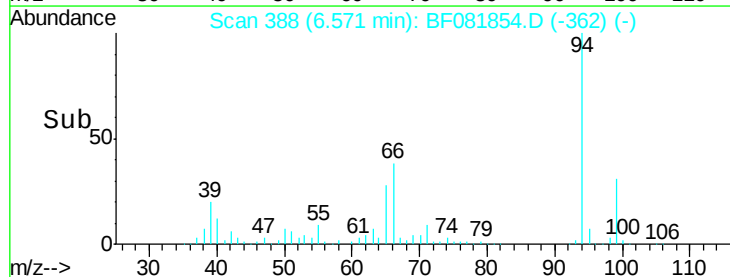
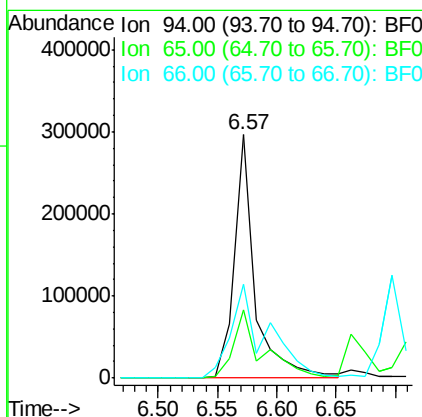
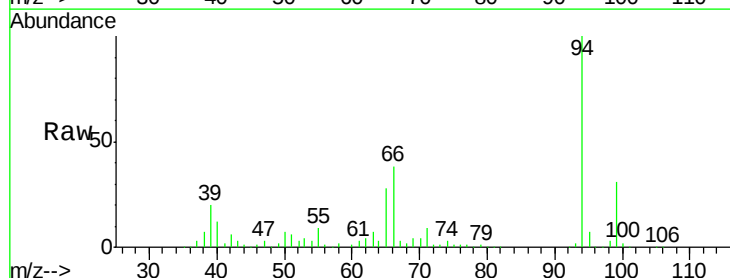
Tgt Ion: 94 Resp: 361417

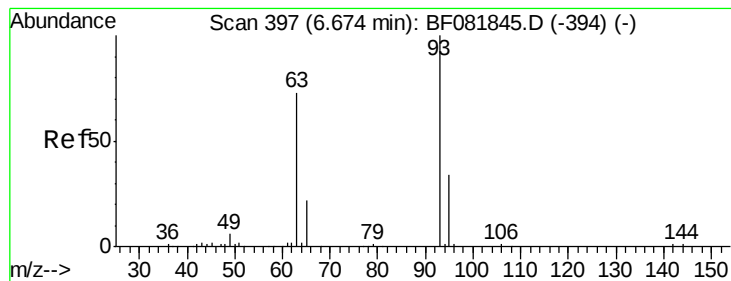
Ion Ratio Lower Upper

94 100

65 28.2 0.7 40.7

66 38.4 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 38.01 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

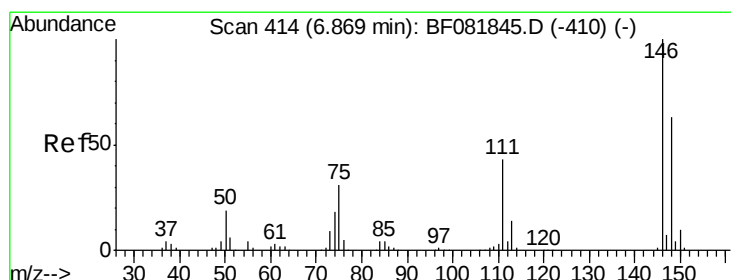
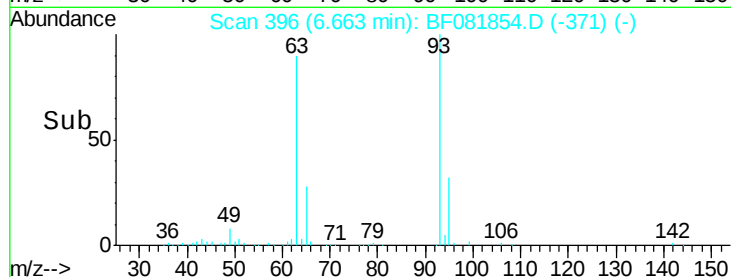
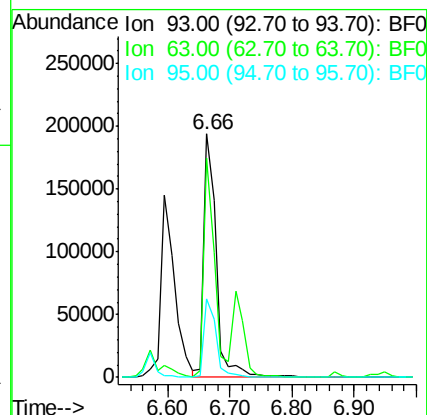
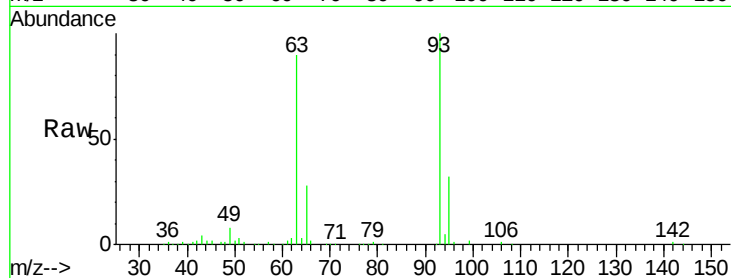
Tgt Ion: 93 Resp: 272789

Ion Ratio Lower Upper

93 100

63 90.0 65.6 105.6

95 32.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 36.96 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

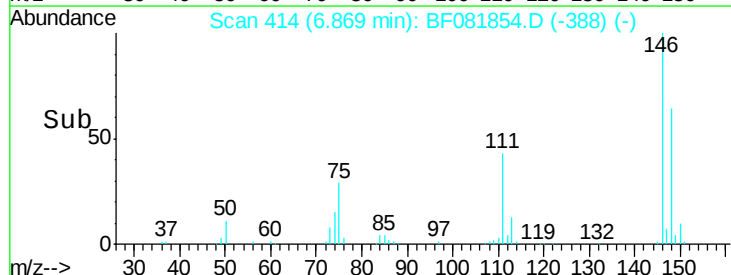
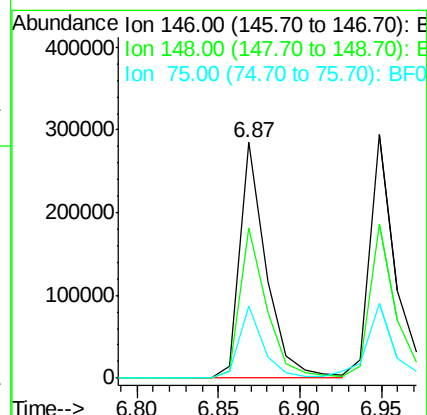
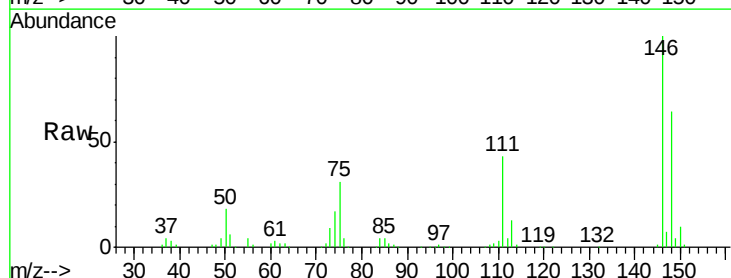
Tgt Ion: 146 Resp: 316117

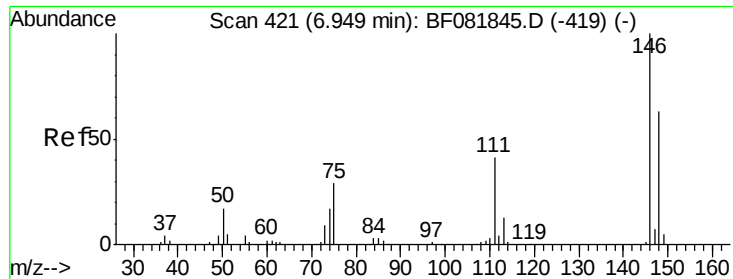
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 30.6 15.0 22.6#

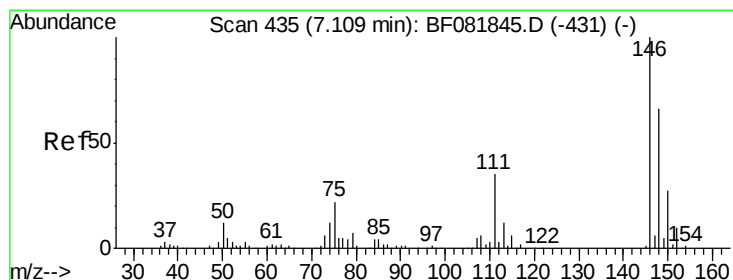
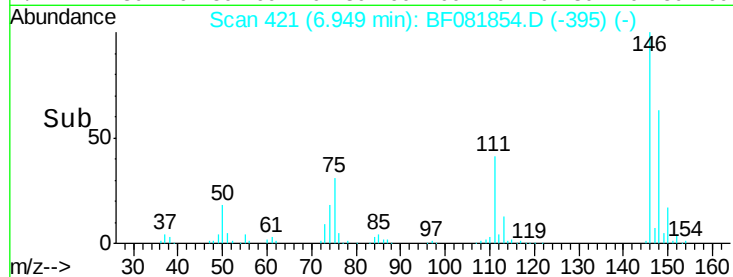
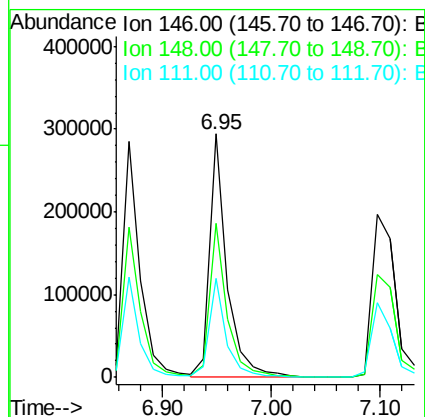
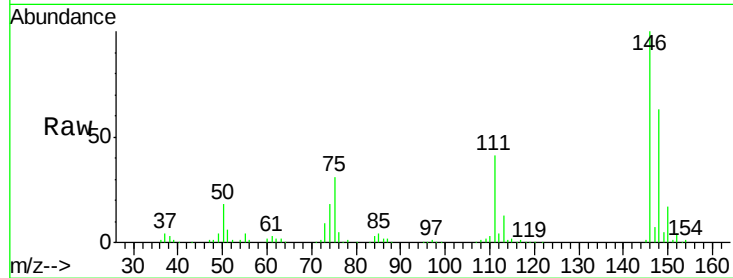




#13
 1,4-Dichlorobenzene
 Concen: 36.84 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

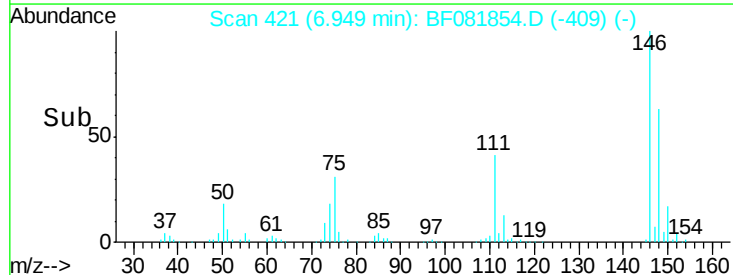
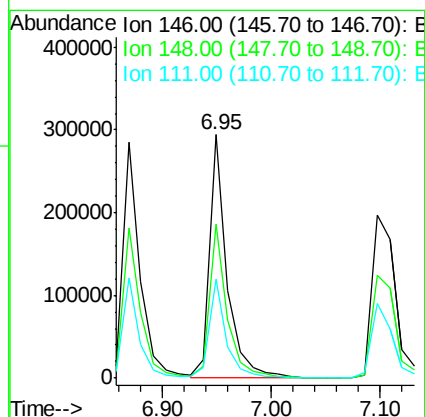
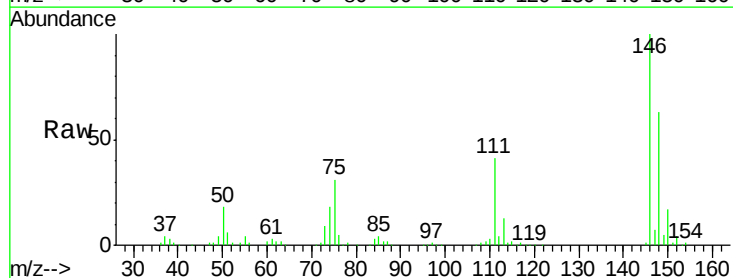
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

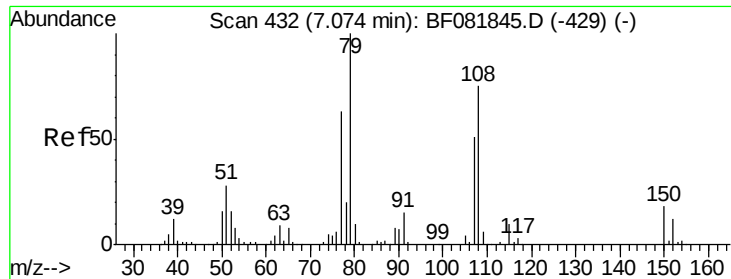
Tgt Ion:146 Resp: 328978
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 40.8 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 41.65 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:146 Resp: 331434
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.7 79.1
 111 40.8 28.8 43.2





#15

Benzyl Alcohol

Concen: 38.59 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

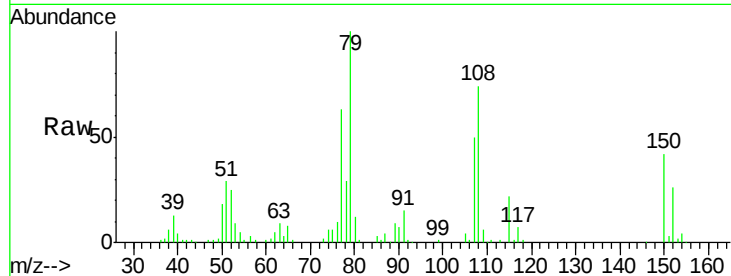
Tgt Ion: 79 Resp: 229816

Ion Ratio Lower Upper

79 100

108 74.1 88.6 132.8#

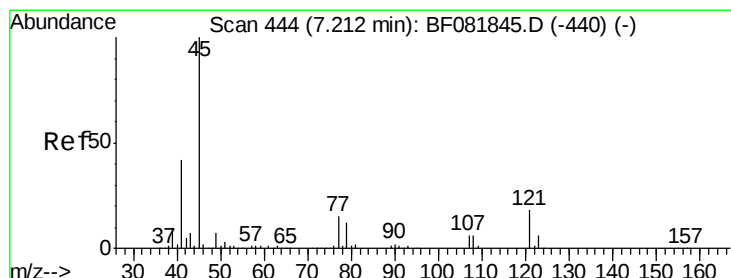
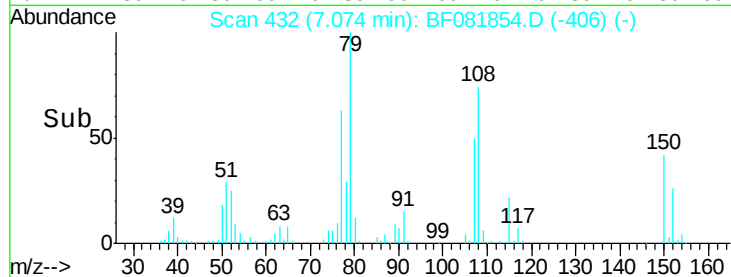
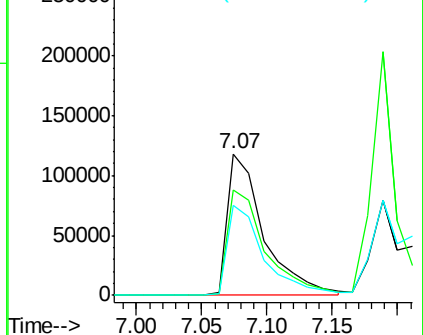
77 63.4 47.0 70.4



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: 39.82 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

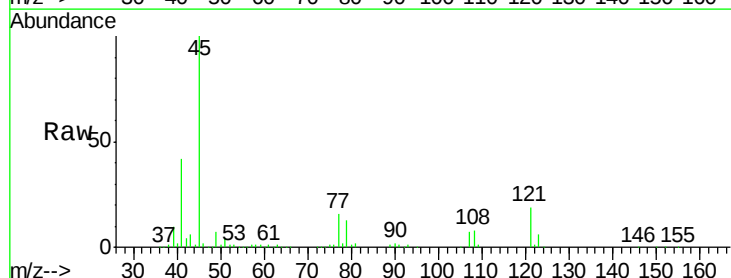
Tgt Ion: 45 Resp: 404037

Ion Ratio Lower Upper

45 100

77 15.8 0.0 28.1

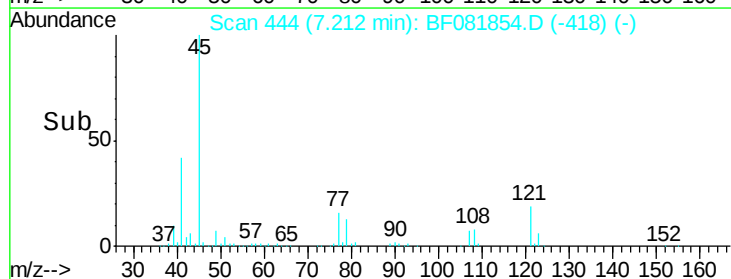
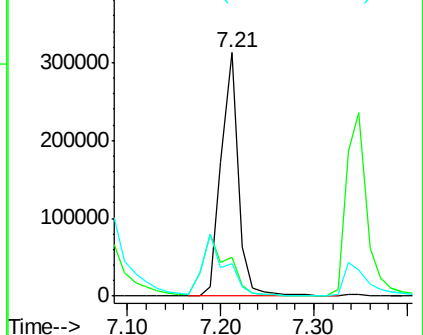
79 13.2 0.0 26.0

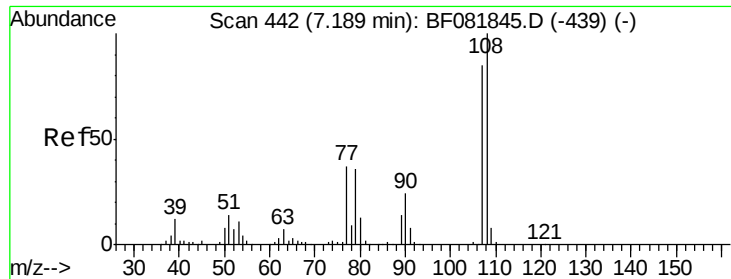


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

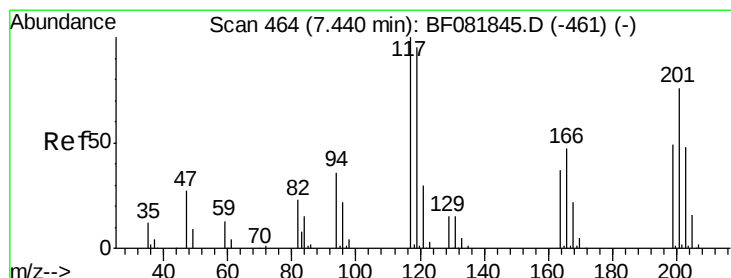
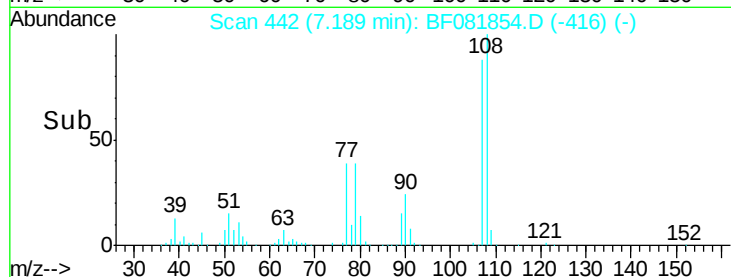
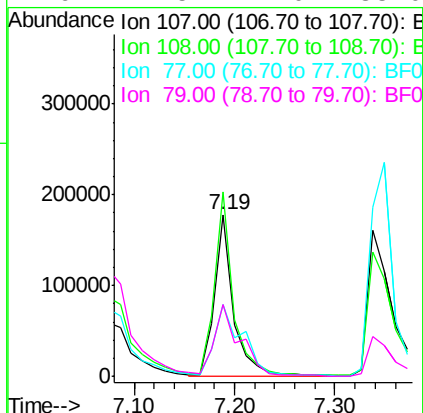
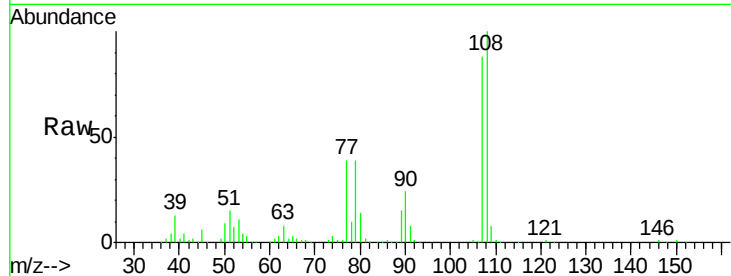




#17
 2-Methylphenol
 Concen: 38.89 ng
 RT: 7.19 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

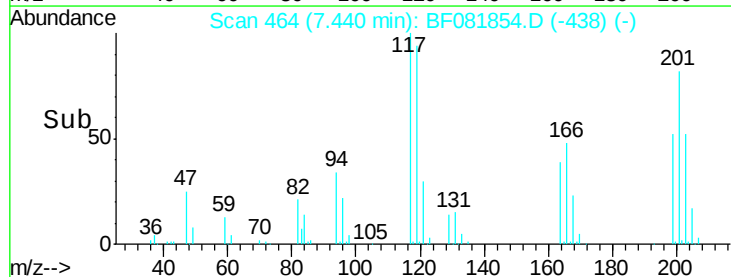
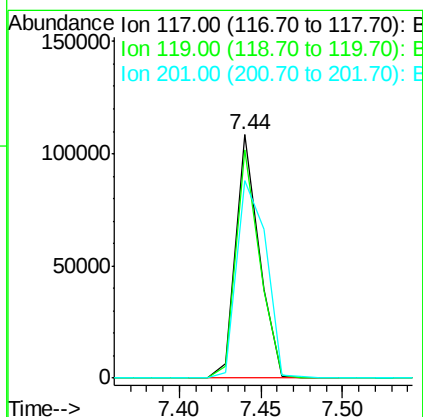
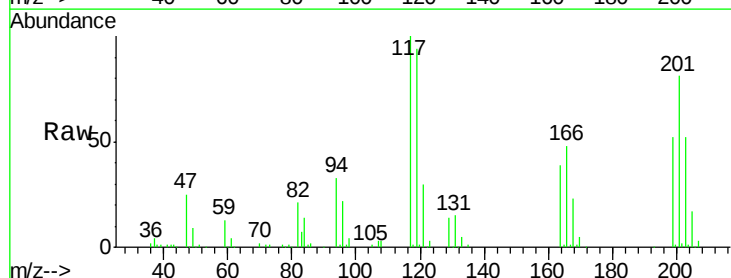
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

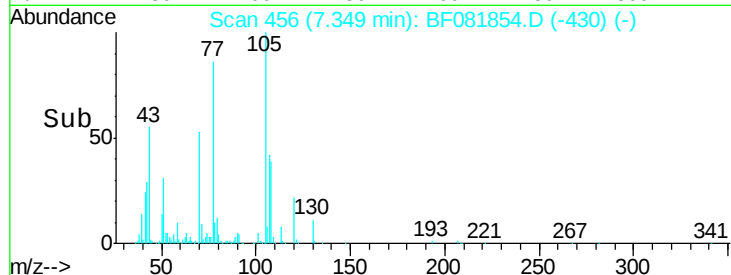
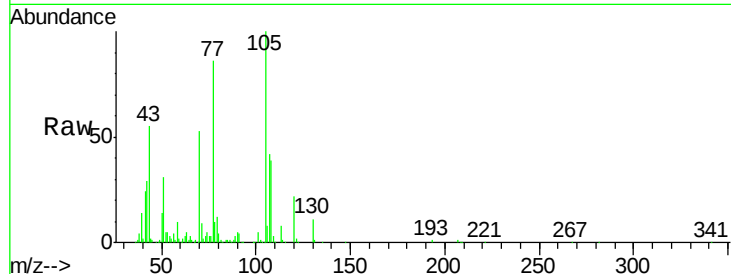
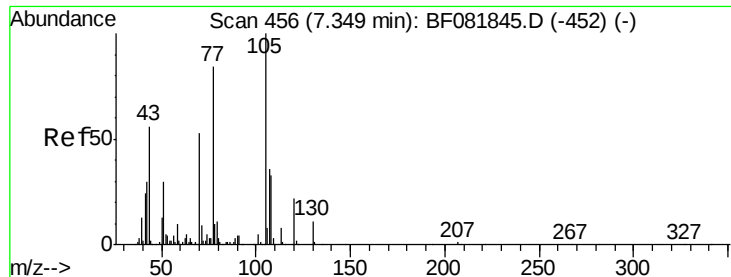
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.0	96.6	145.0
77	44.2	23.3	34.9#
79	44.5	22.0	33.0#



#18
 Hexachloroethane
 Concen: 38.24 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	83.8	125.6
201	81.2	55.1	82.7

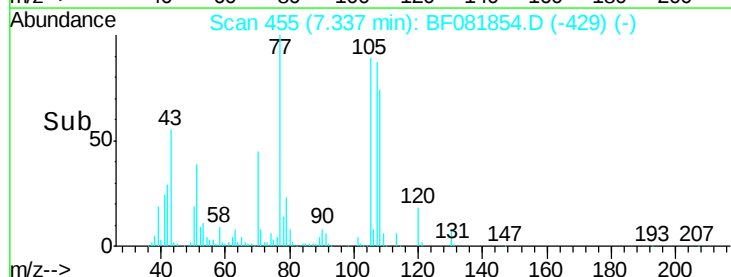
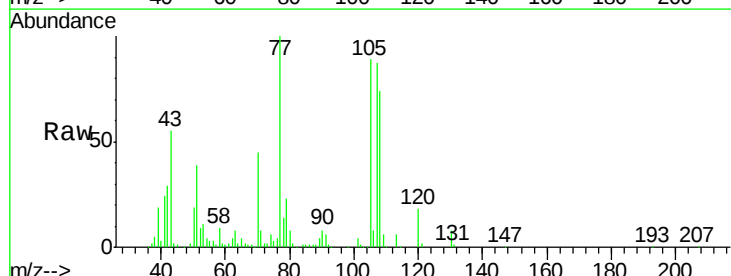
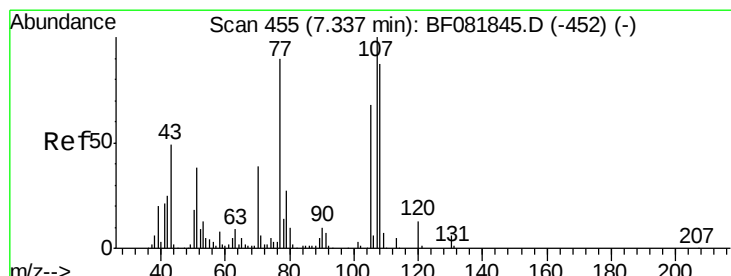
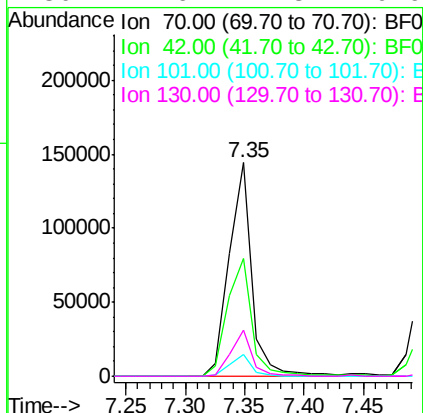




#19
n-Nitroso-di-n-propylamine
Concen: 38.28 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

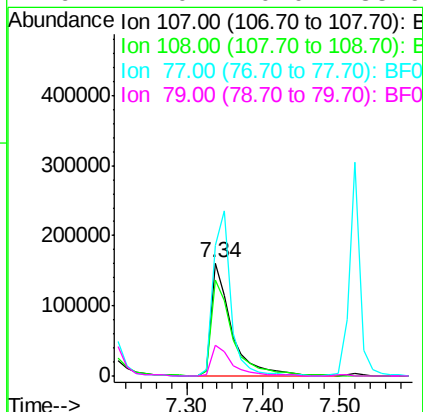
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

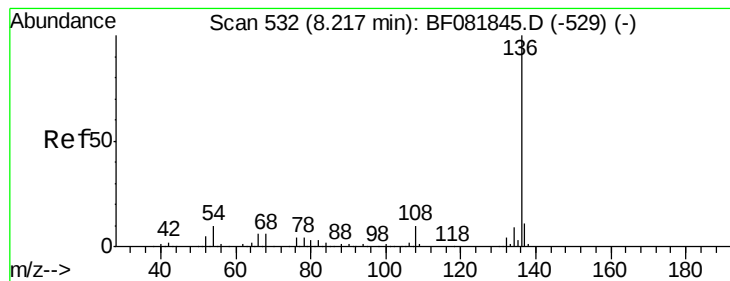
Tgt Ion:	70	Resp:	191963
Ion	Ratio	Lower	Upper
70	100		
42	55.1	63.8	95.6#
101	10.0	9.2	13.8
130	21.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 39.51 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:	107	Resp:	292954
Ion	Ratio	Lower	Upper
107	100		
108	85.3	74.6	114.6
77	115.5	0.7	40.7#
79	27.0	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

Tgt Ion:136 Resp: 459910

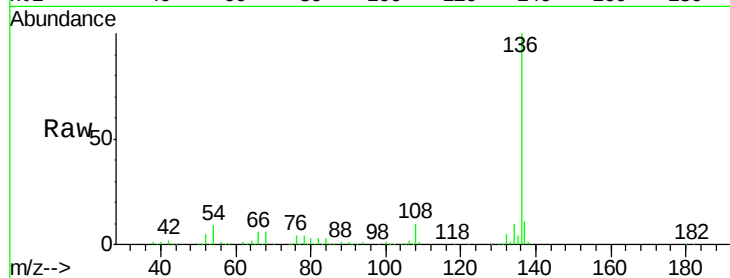
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.5 8.2 12.2

68 6.2 5.8 8.6

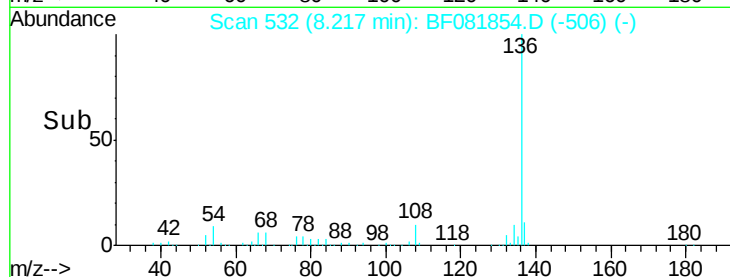


Abundance Ion 136.00 (135.70 to 136.70): E

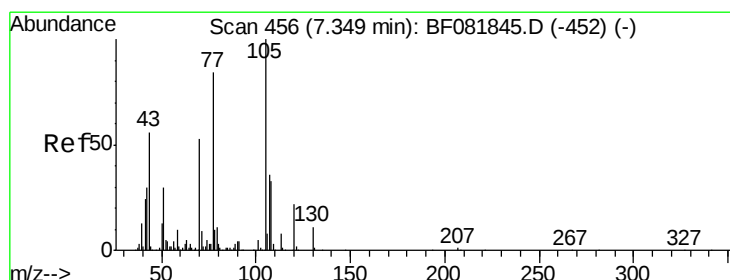
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.20 8.30



#22

Acetophenone

Concen: 39.66 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Tgt Ion:105 Resp: 372950

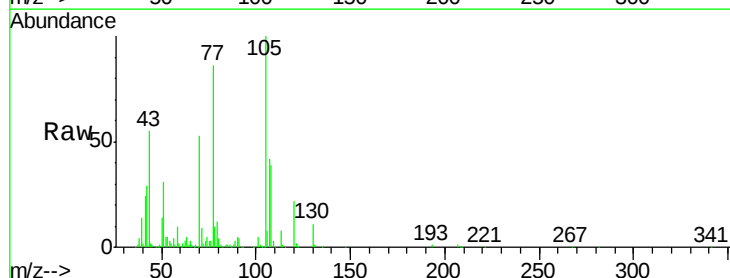
Ion Ratio Lower Upper

105 100

71 8.8 4.7 7.1#

51 30.9 22.0 33.0

120 21.9 30.1 45.1#

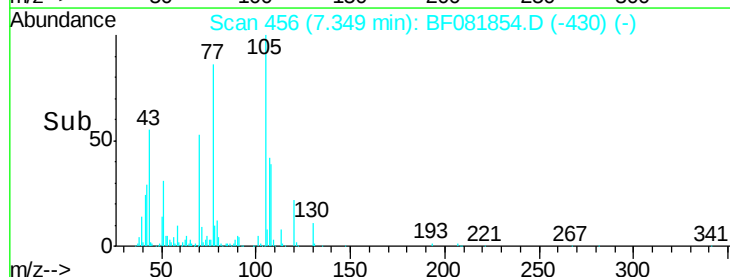


Abundance Ion 105.00 (104.70 to 105.70): E

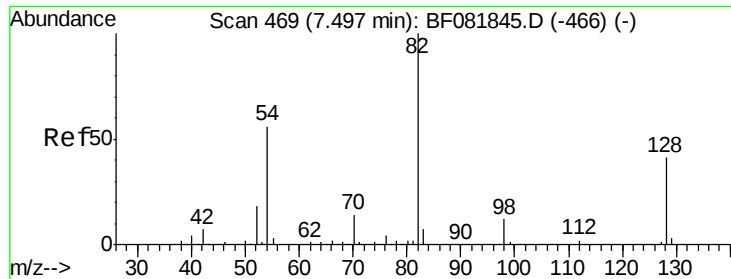
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



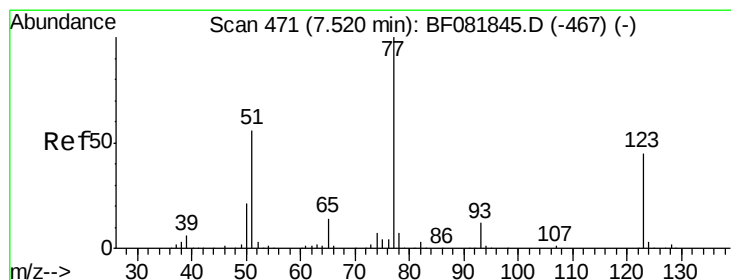
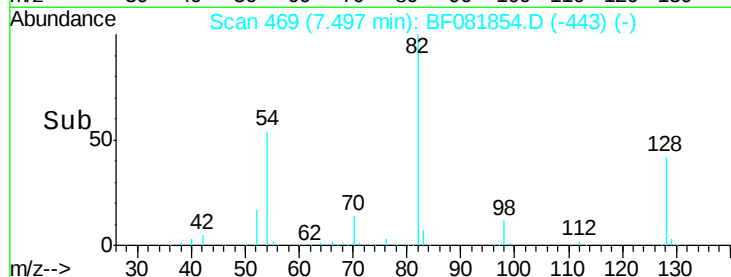
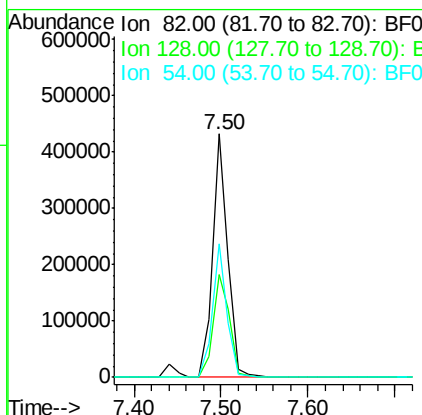
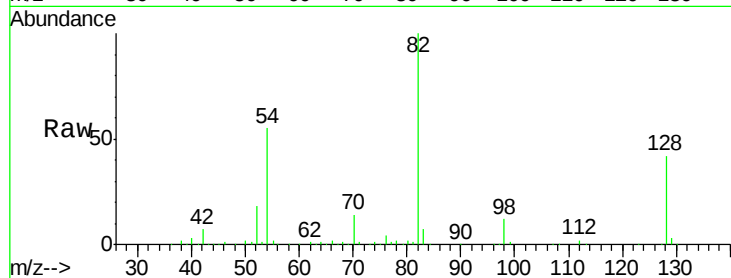
Time--> 7.30 7.40 7.50



#23
 Nitrobenzene-d5
 Concen: 76.77 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

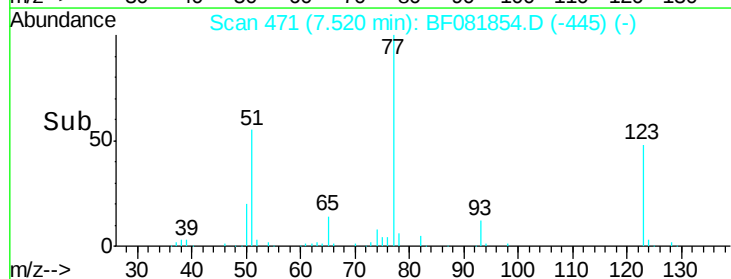
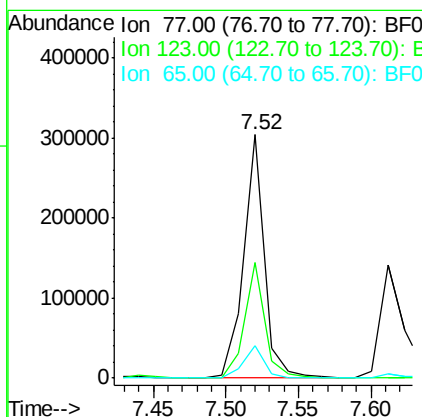
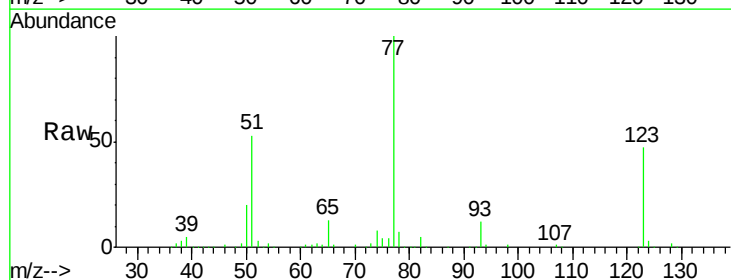
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

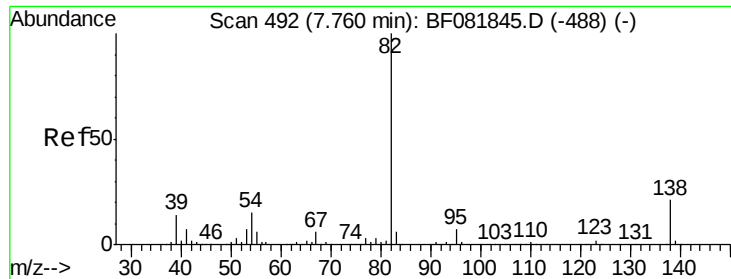
Tgt Ion: 82 Resp: 529636
 Ion Ratio Lower Upper
 82 100
 128 42.0 51.0 76.6#
 54 55.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 39.81 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion: 77 Resp: 298274
 Ion Ratio Lower Upper
 77 100
 123 47.5 59.8 89.8#
 65 13.4 10.2 15.4





#25

Isophorone

Concen: 38.31 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

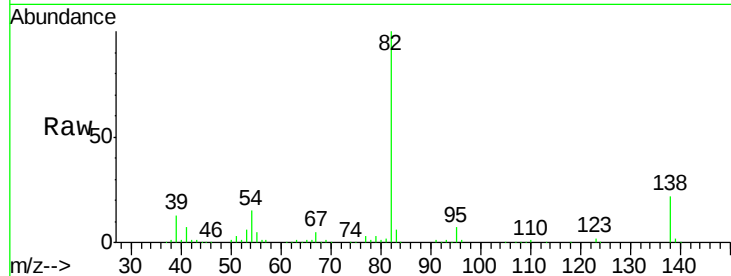
Tgt Ion: 82 Resp: 523906

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

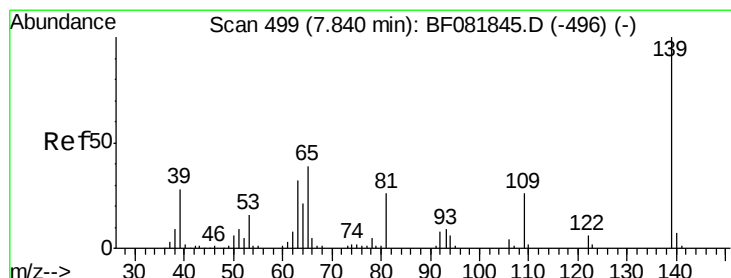
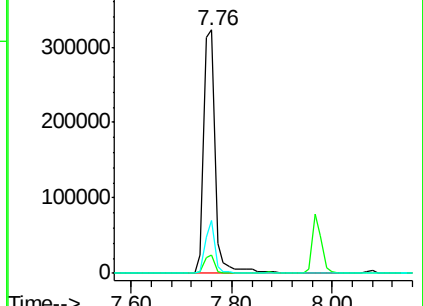
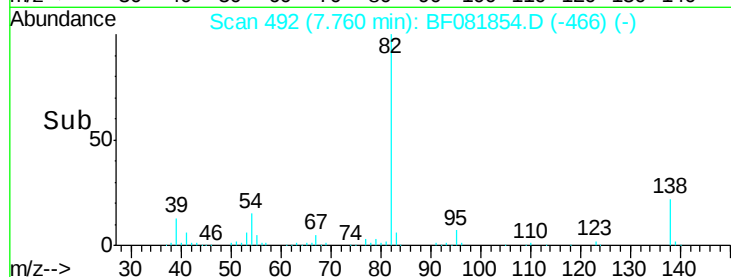
138 21.7 18.3 27.5



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: 40.55 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

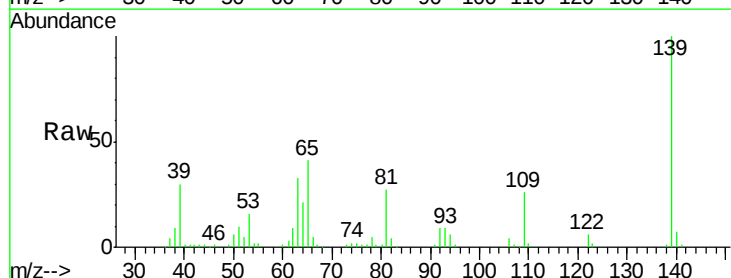
Tgt Ion: 139 Resp: 145812

Ion Ratio Lower Upper

139 100

109 26.4 11.0 16.4#

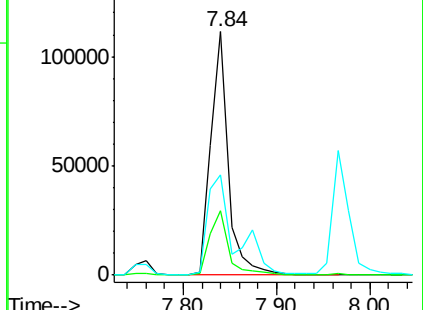
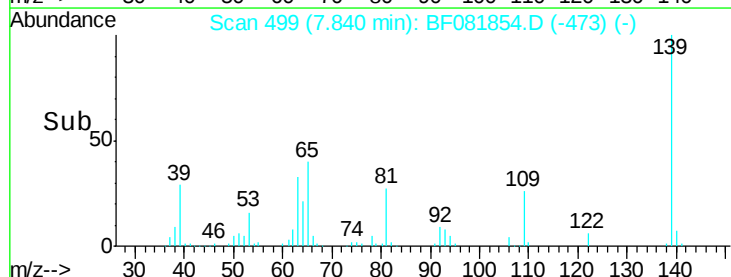
65 41.3 24.7 37.1#

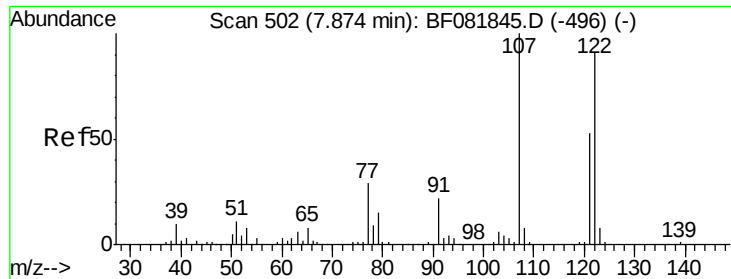


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.95 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

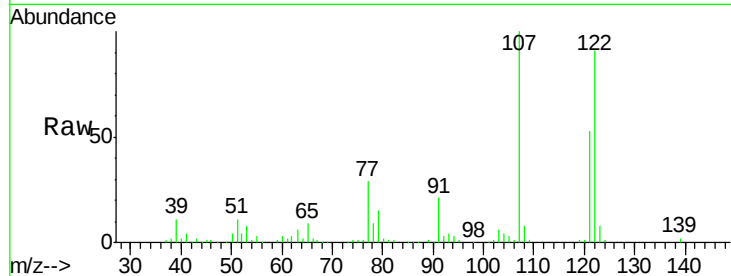
Tgt Ion:122 Resp: 259068

Ion Ratio Lower Upper

122 100

107 110.4 71.8 107.6#

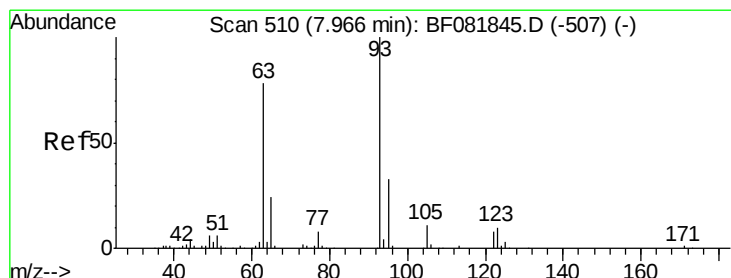
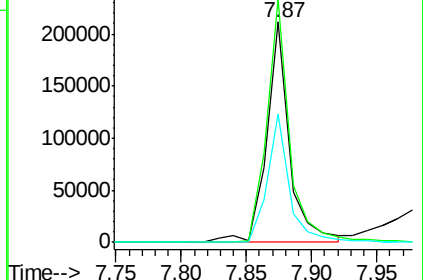
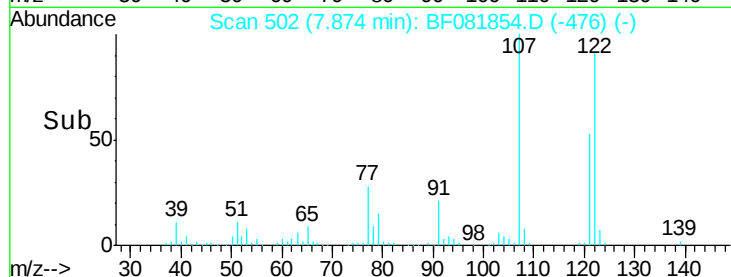
121 58.5 42.3 63.5



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: 38.48 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

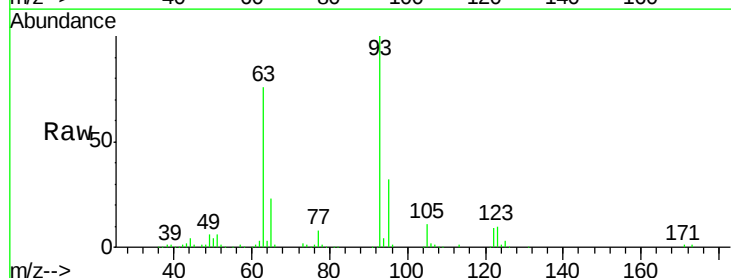
Tgt Ion: 93 Resp: 312519

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

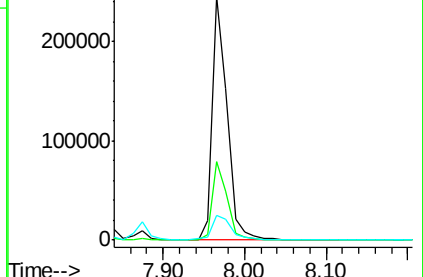
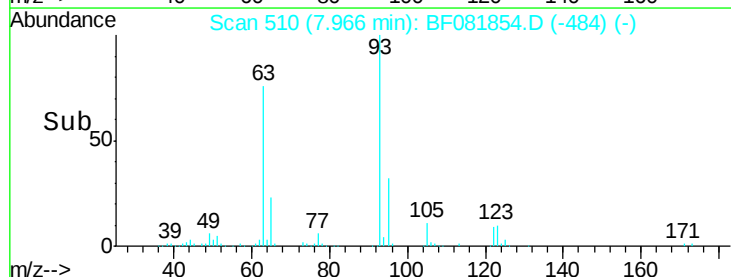
123 10.2 13.7 20.5#

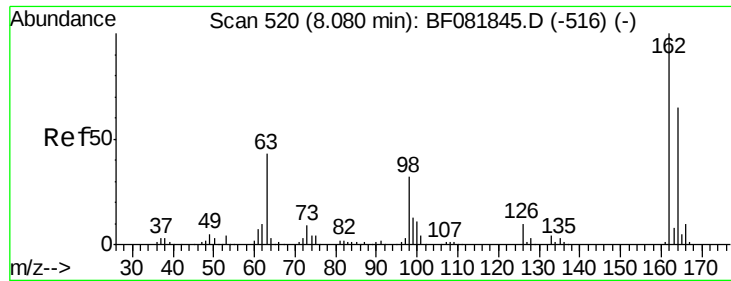


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

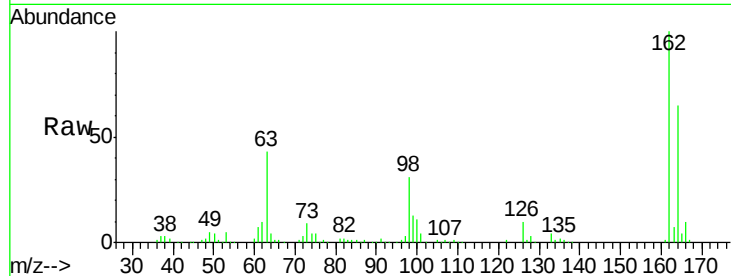




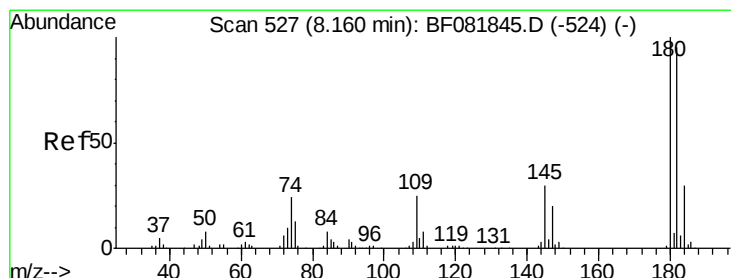
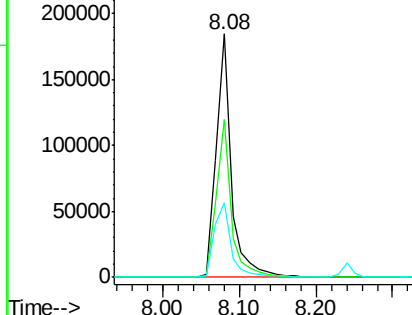
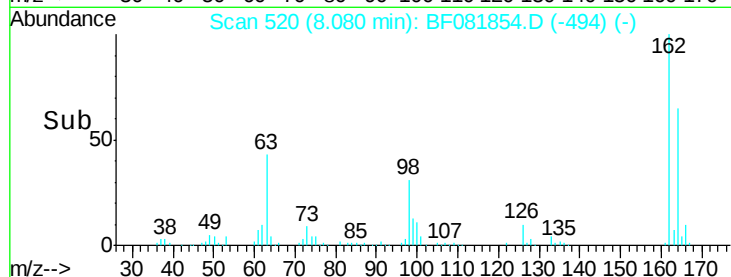
#29
 2,4-Dichlorophenol
 Concen: 41.13 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	30.8	13.0	53.0

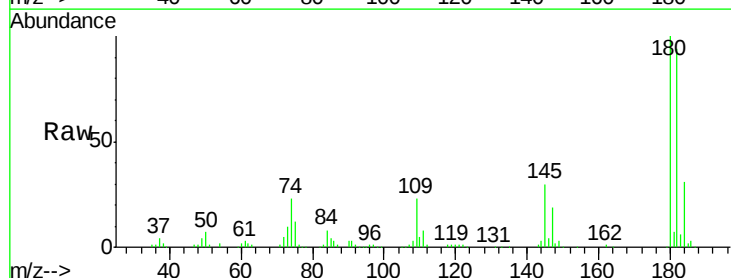


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

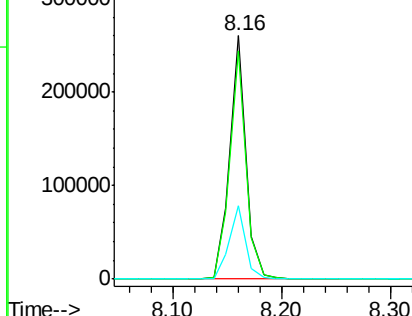
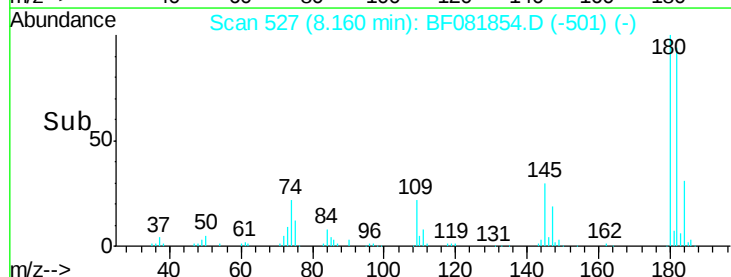


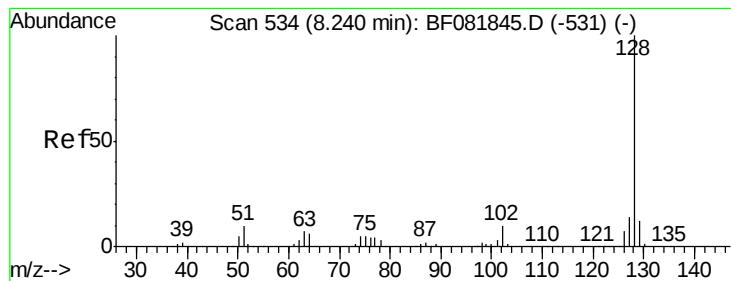
#30
 1,2,4-Trichlorobenzene
 Concen: 39.29 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	30.3	23.3	34.9



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: 38.73 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

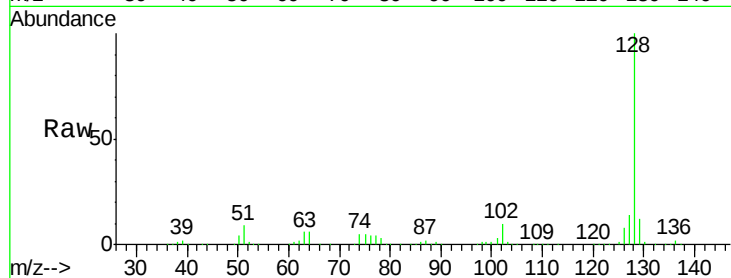
Tgt Ion:128 Resp: 789241

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

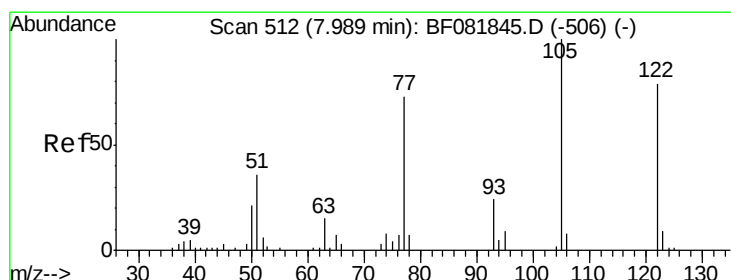
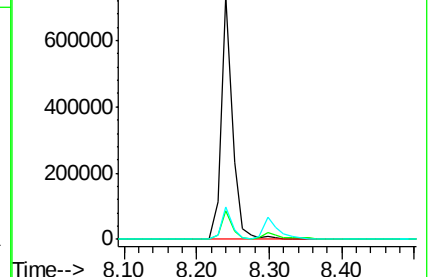
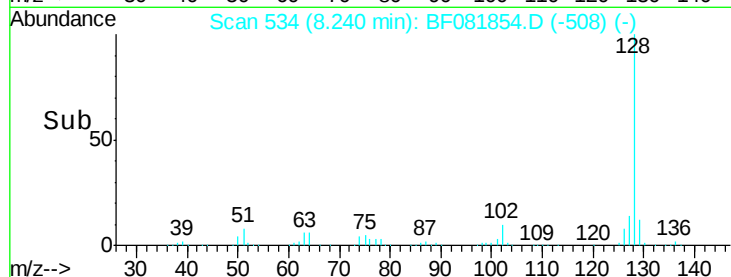
127 13.5 9.9 14.9



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: 36.19 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

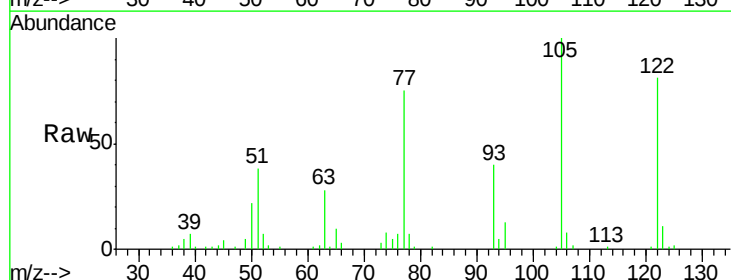
Tgt Ion:122 Resp: 128895

Ion Ratio Lower Upper

122 100

105 122.7 76.1 116.1#

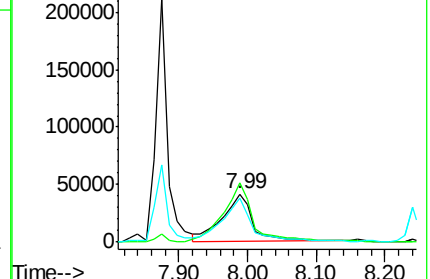
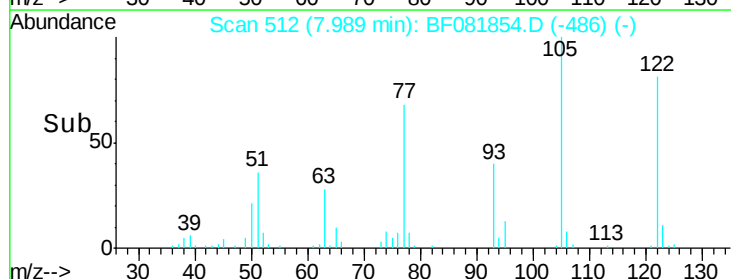
77 91.9 40.5 80.5#

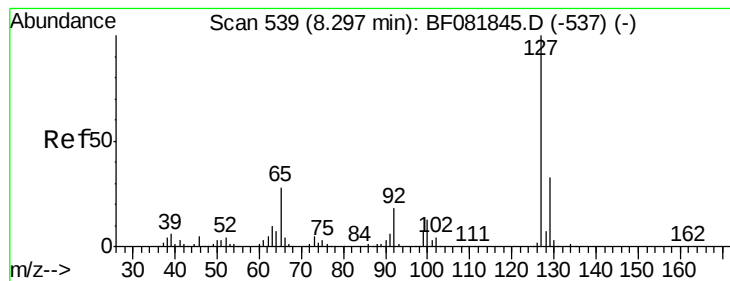


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.38 ng

RT: 8.30 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

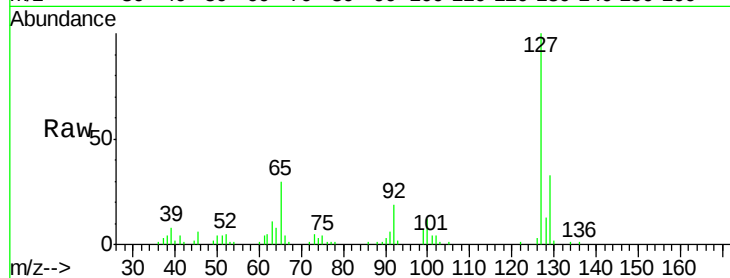
Instrument :

BNA_F

ClientSampleId :

PB85767BSD

Tgt Ion:	127	Resp:	100306
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	30.0	17.9	26.9#
92	18.5	10.5	15.7#

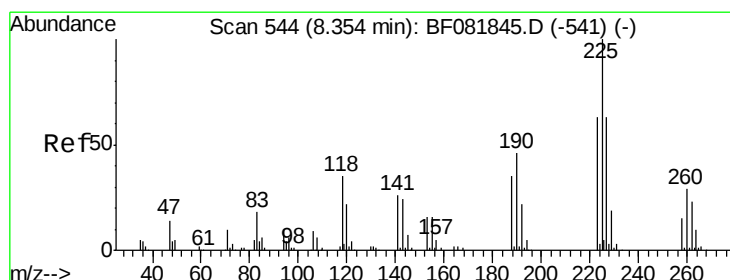
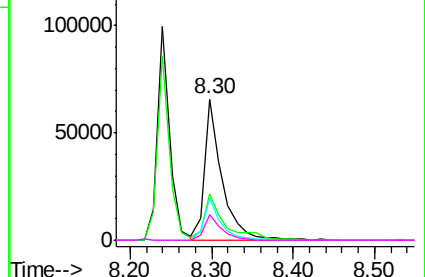
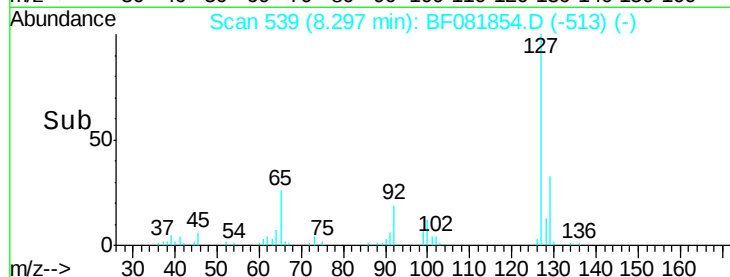


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.90 ng

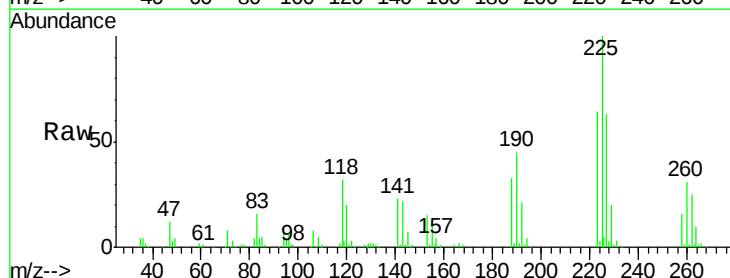
RT: 8.35 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

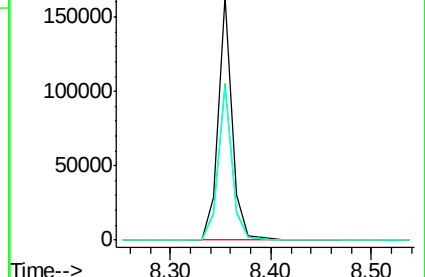
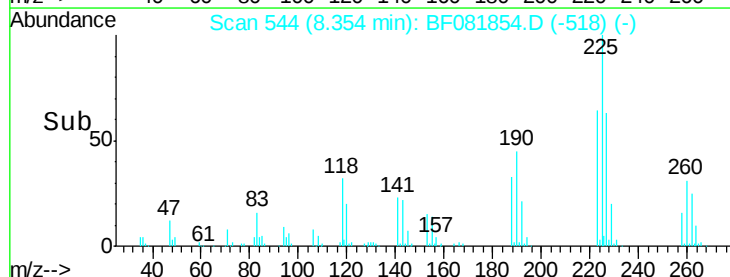
Tgt Ion:	225	Resp:	157540
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.2
227	63.5	52.2	78.2

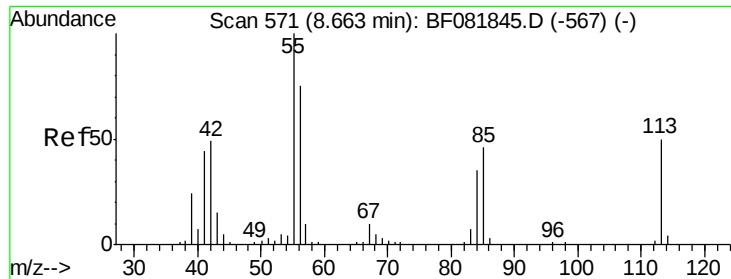


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

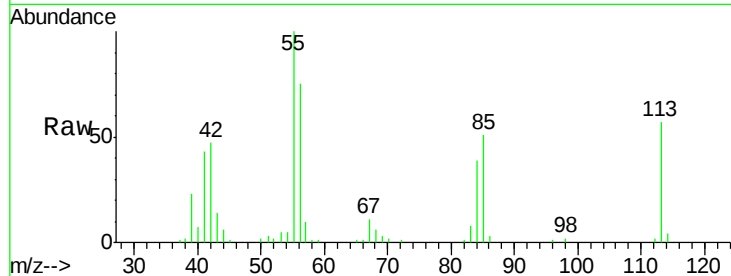




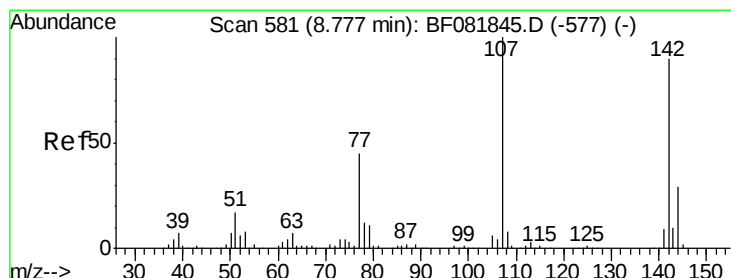
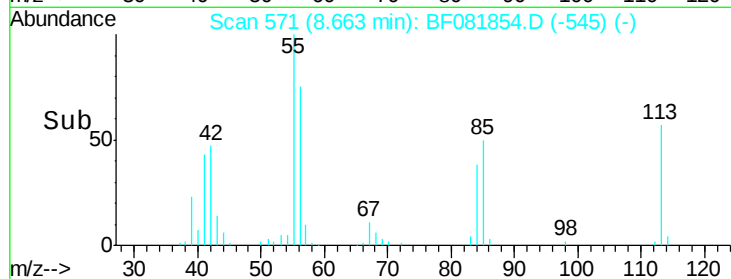
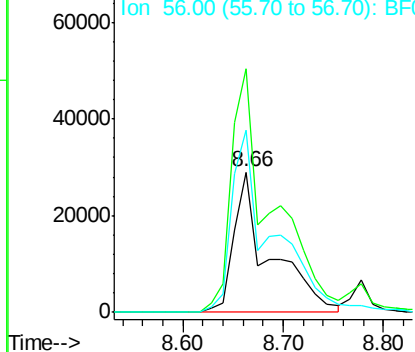
#35
 Caprolactam
 Concen: 42.31 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Tgt Ion:113 Resp: 71856
 Ion Ratio Lower Upper
 113 100
 55 174.0 152.4 192.4
 56 130.5 104.6 144.6

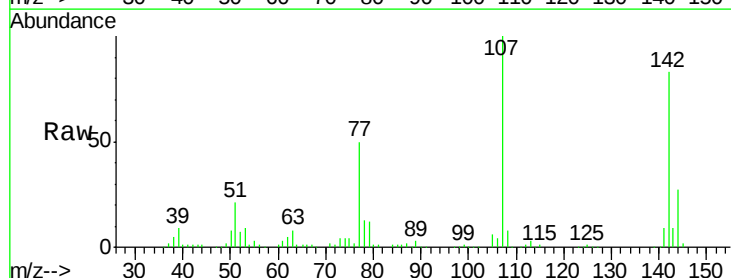


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

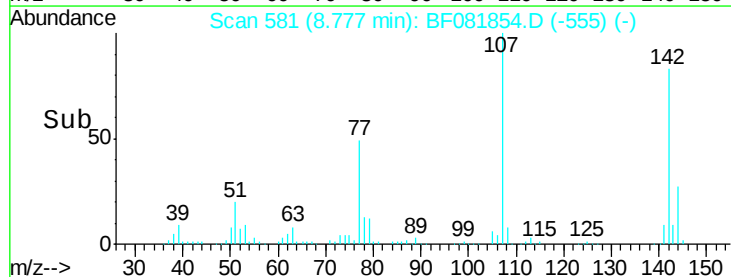
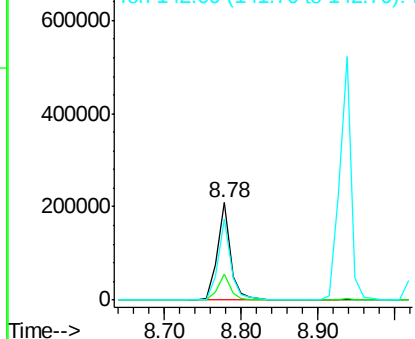


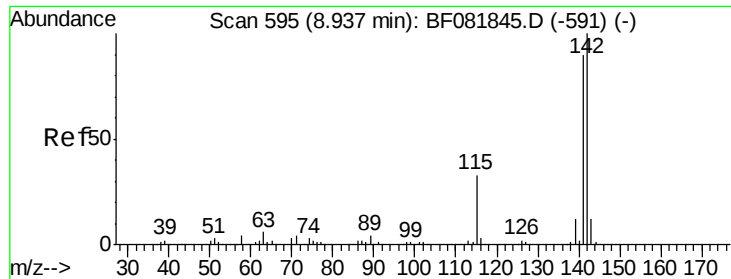
#36
 4-Chloro-3-methylphenol
 Concen: 41.95 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:107 Resp: 251652
 Ion Ratio Lower Upper
 107 100
 144 26.9 25.4 38.0
 142 83.1 77.3 115.9



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

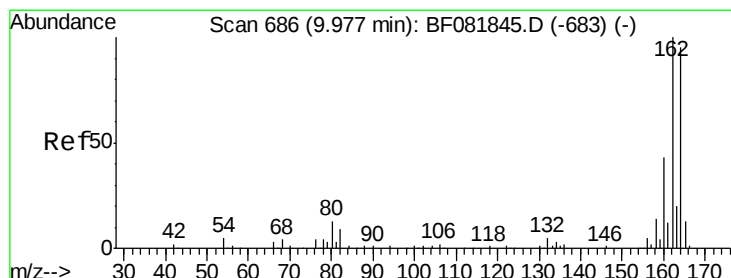
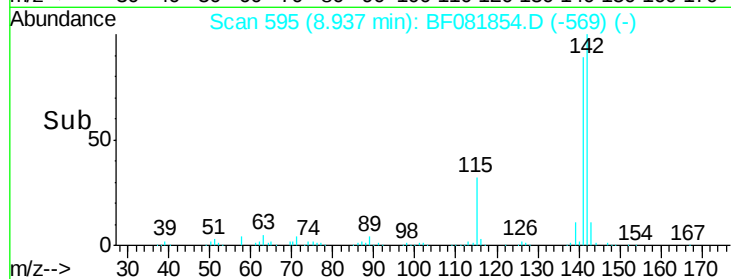
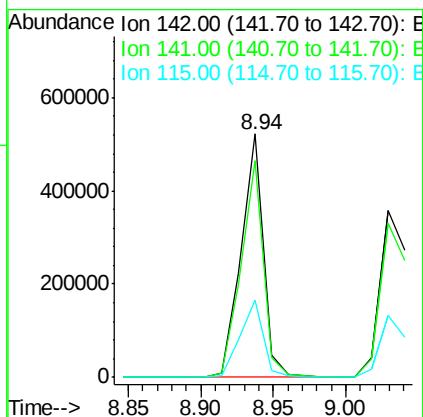
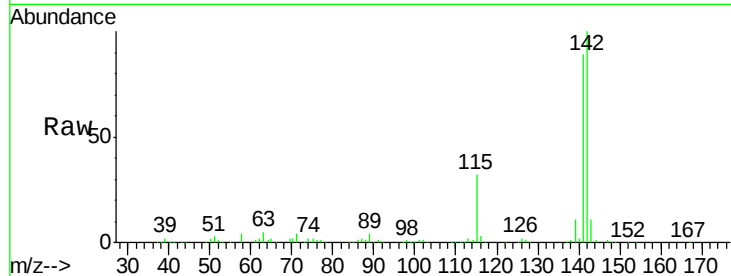




#37
 2-Methylnaphthalene
 Concen: 40.21 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

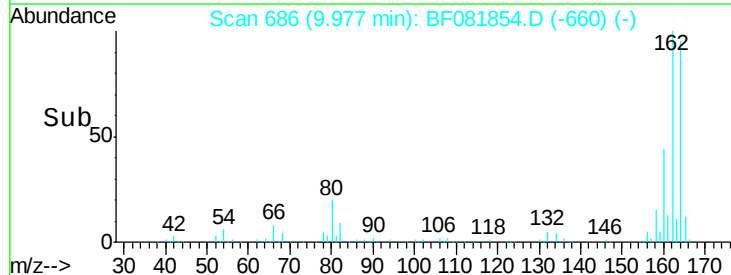
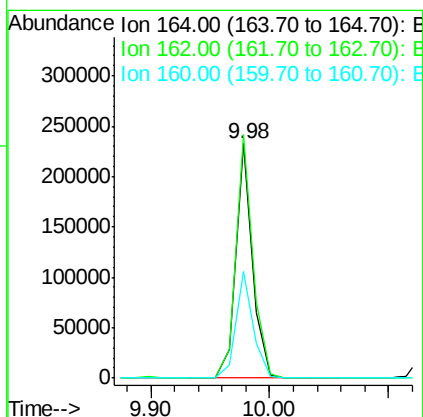
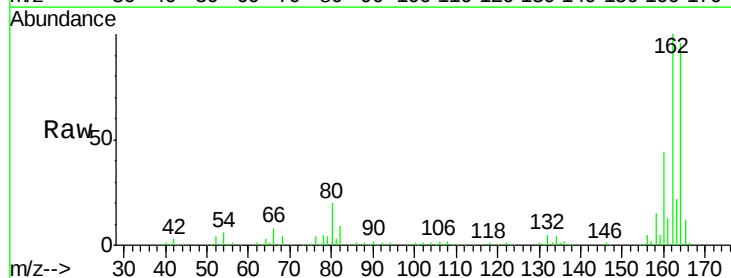
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

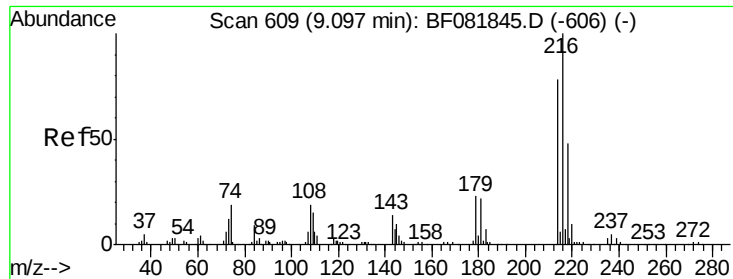
Tgt Ion:142 Resp: 559324
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.5 101.3
 115 31.8 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:164 Resp: 226592
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 45.5 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.47 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

Tgt Ion:216 Resp: 260679

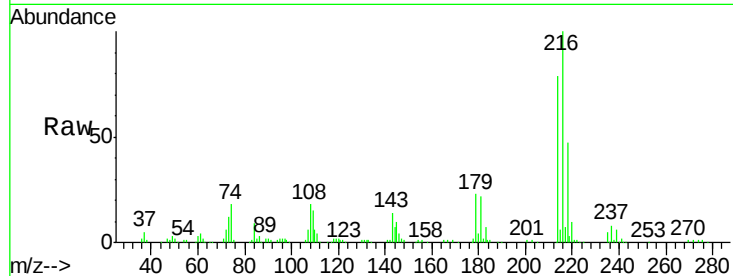
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.6 16.6 24.8

108 20.1 16.3 24.5

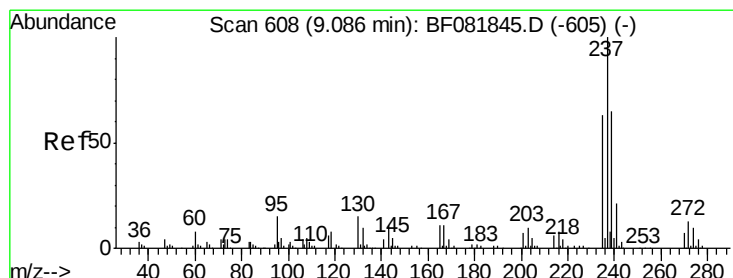
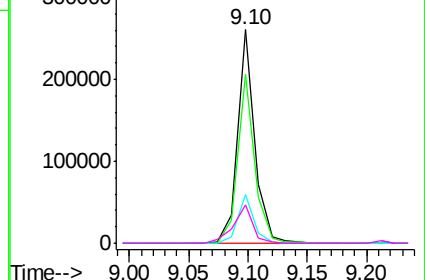
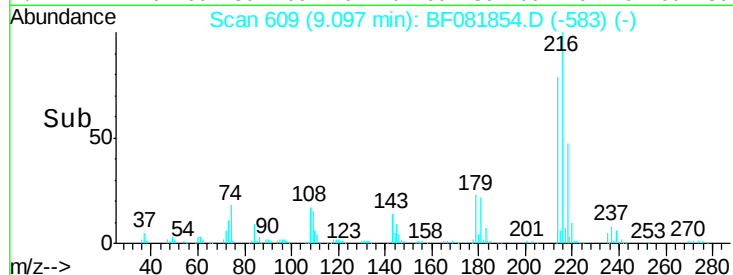


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.08 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

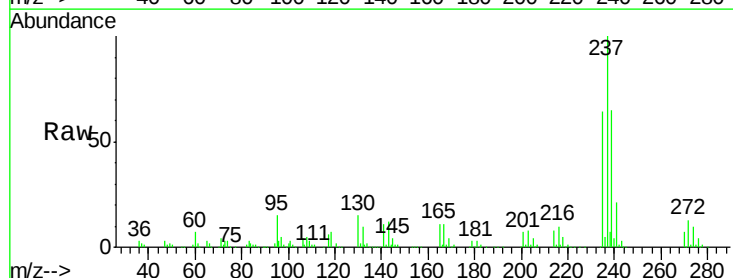
Tgt Ion:237 Resp: 322693

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

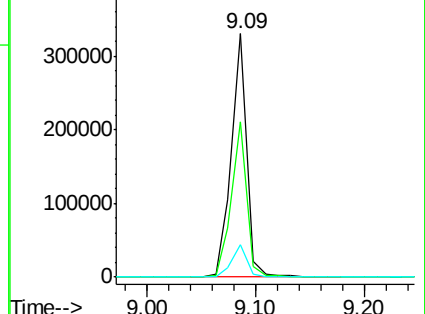
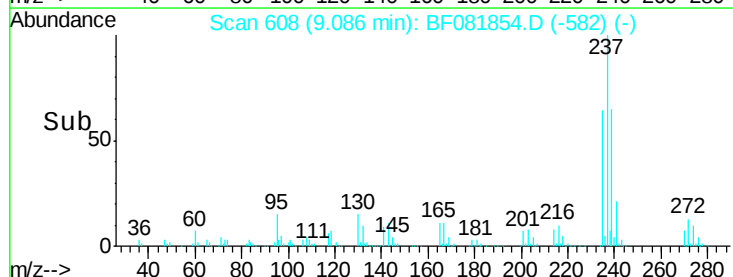
272 13.1 0.0 36.1

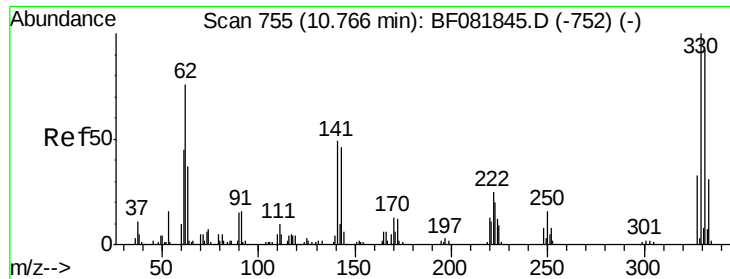


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

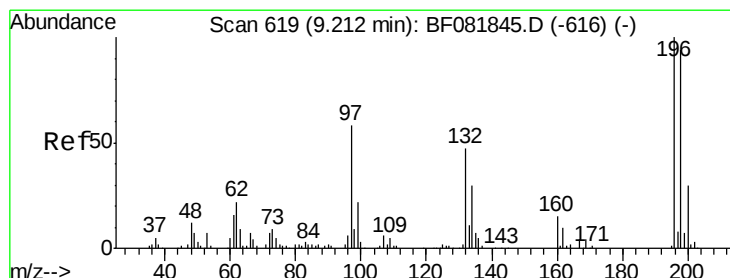
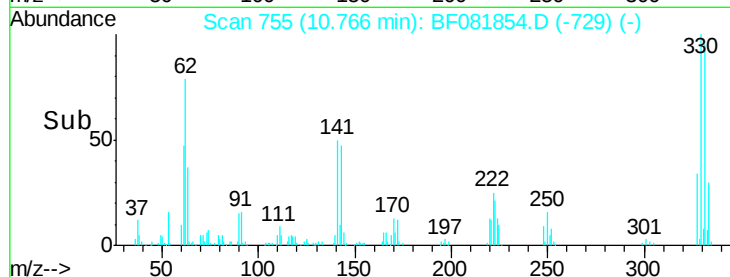
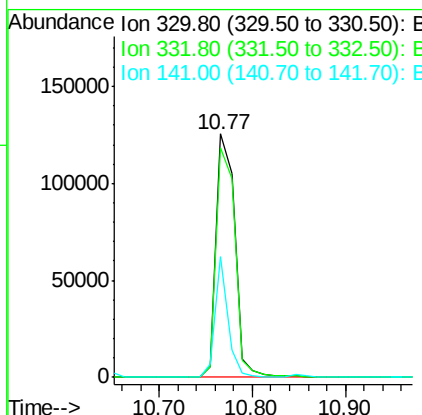
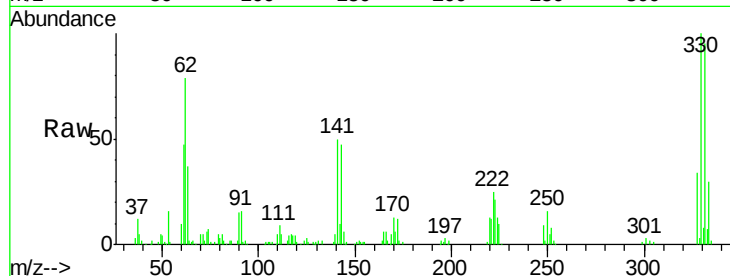




#41
 2,4,6-Tribromophenol
 Concen: 75.89 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

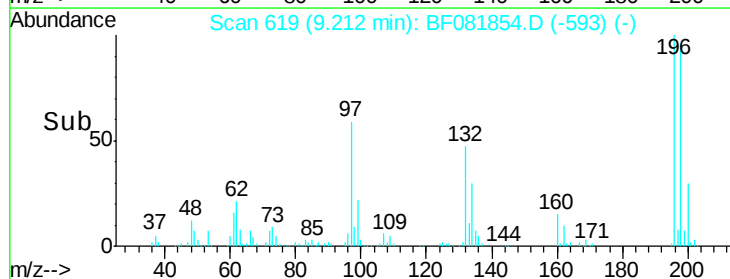
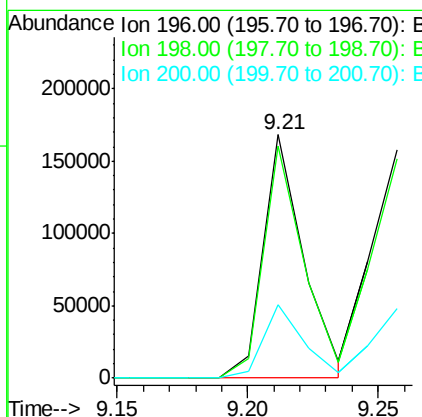
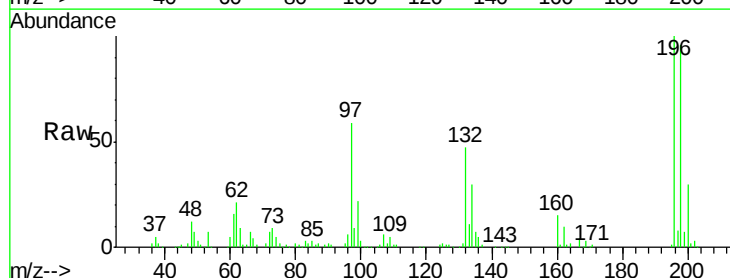
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

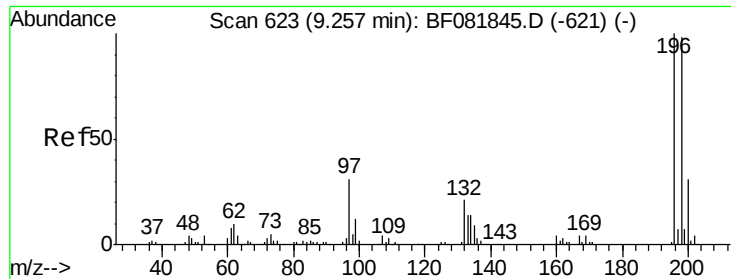
Tgt Ion:330 Resp: 174147
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 34.2 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 37.54 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:196 Resp: 179036
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 30.1 23.9 35.9

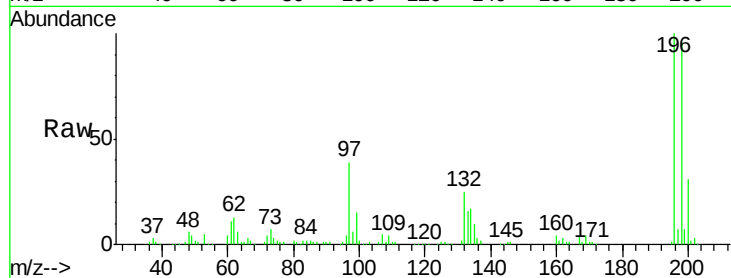




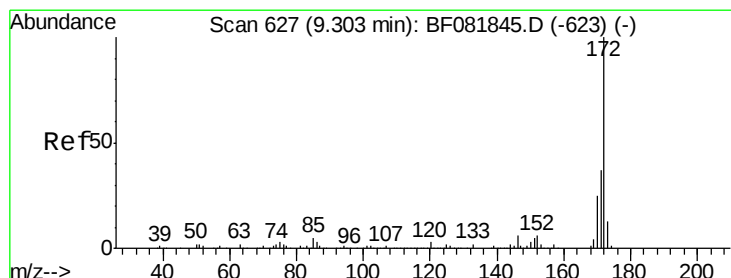
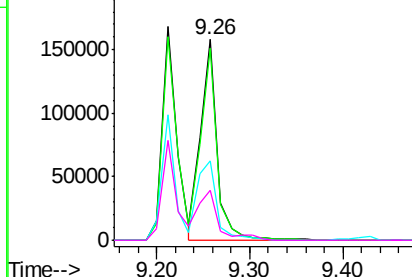
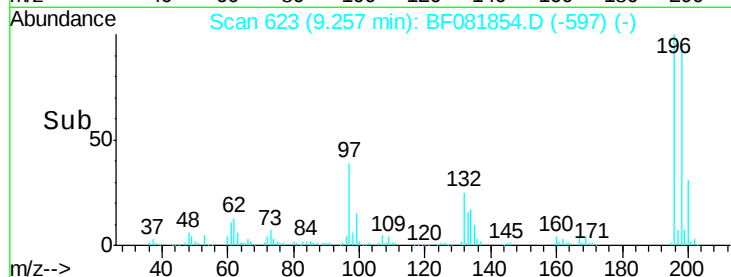
#43
 2,4,5-Trichlorophenol
 Concen: 40.37 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Tgt Ion:196 Resp: 197991
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 97 39.5 33.3 49.9
 132 24.9 24.6 37.0

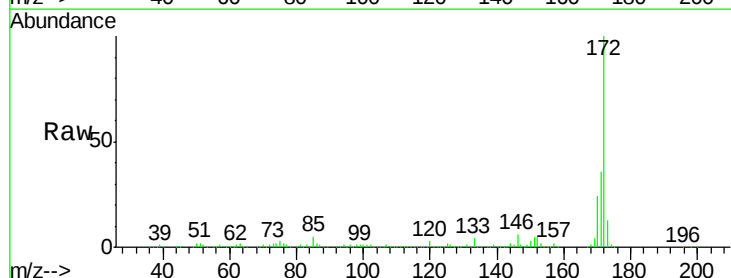


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

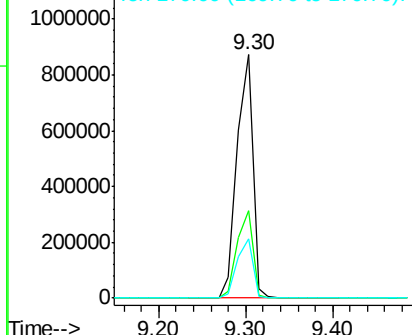
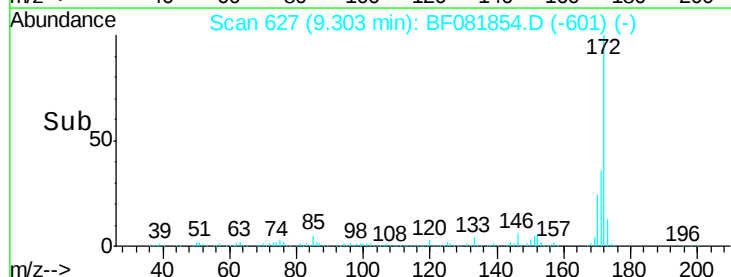


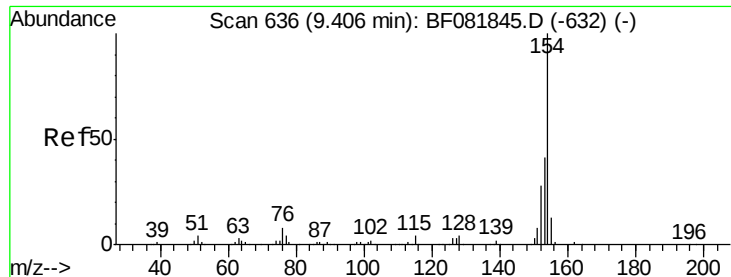
#44
 2-Fluorobiphenyl
 Concen: 79.68 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:172 Resp: 1092201
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.5 17.4 26.2



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

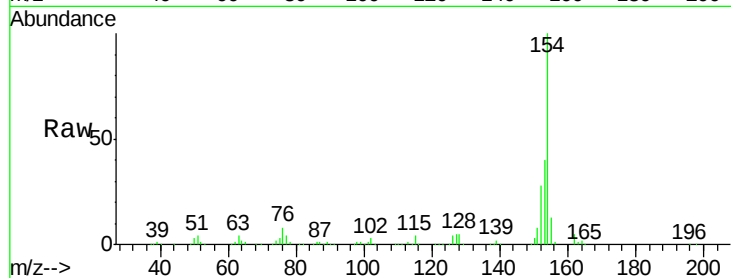




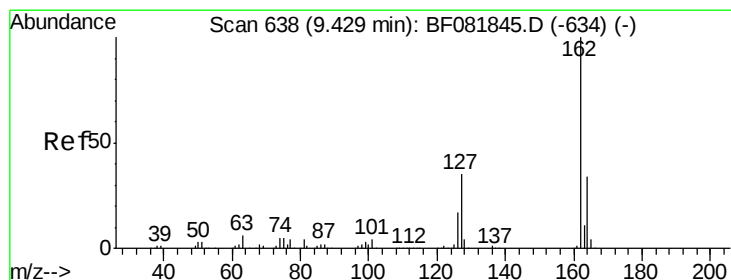
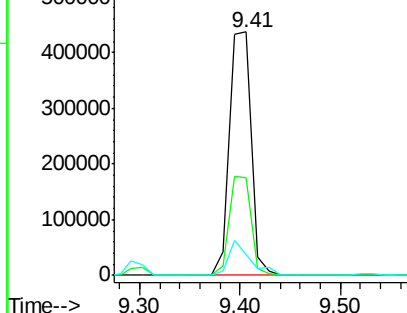
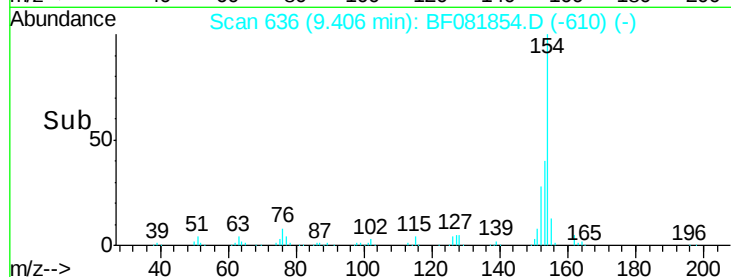
#45
 1,1'-Biphenyl
 Concen: 37.48 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Tgt Ion:154 Resp: 655188
 Ion Ratio Lower Upper
 154 100
 153 39.9 17.1 57.1
 76 8.4 0.0 31.6

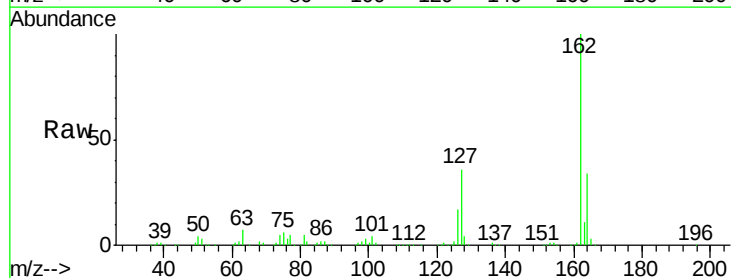


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

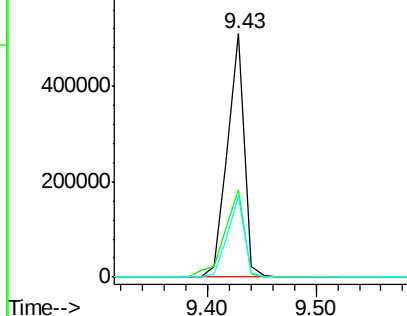
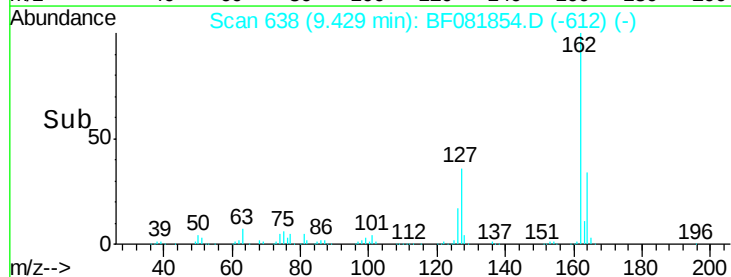


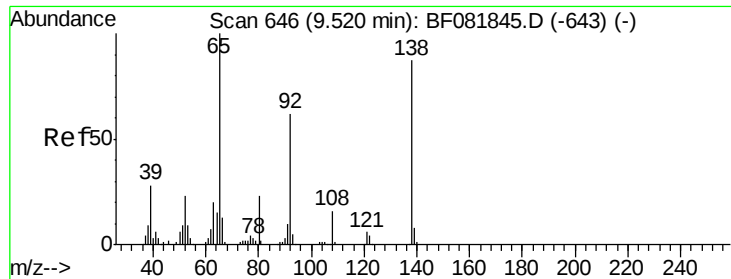
#46
 2-Chloronaphthalene
 Concen: 39.76 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:162 Resp: 545775
 Ion Ratio Lower Upper
 162 100
 127 36.1 27.6 41.4
 164 33.5 25.4 38.2



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

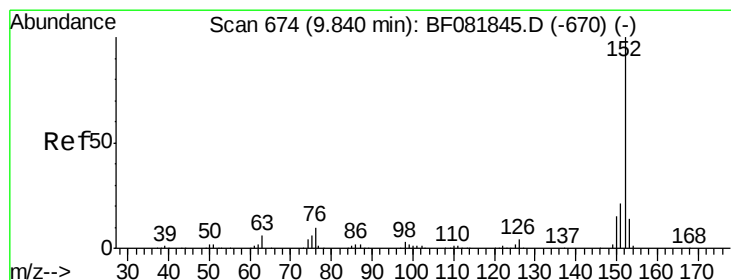
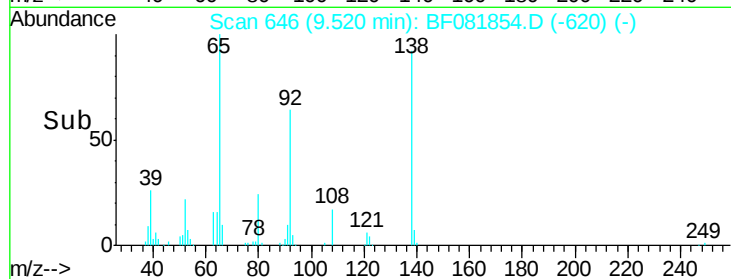
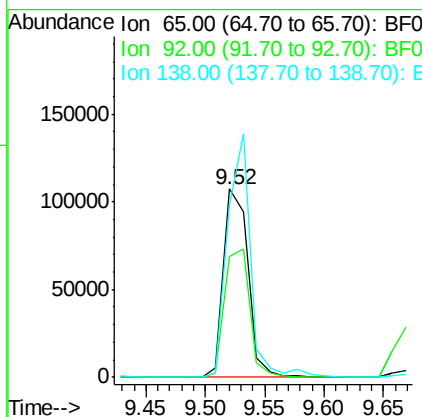
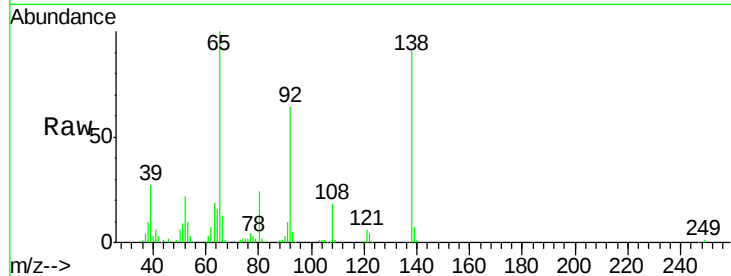




#47
2-Nitroaniline
Concen: 37.95 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

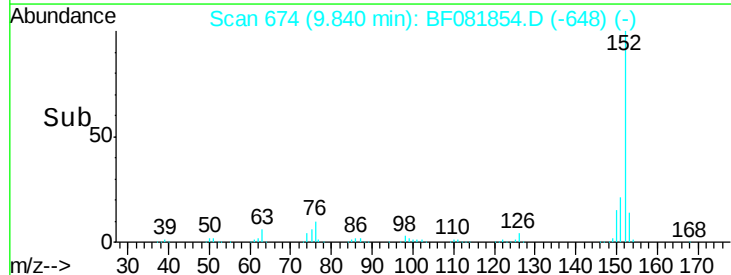
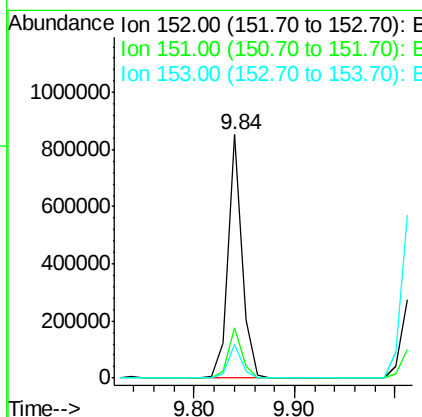
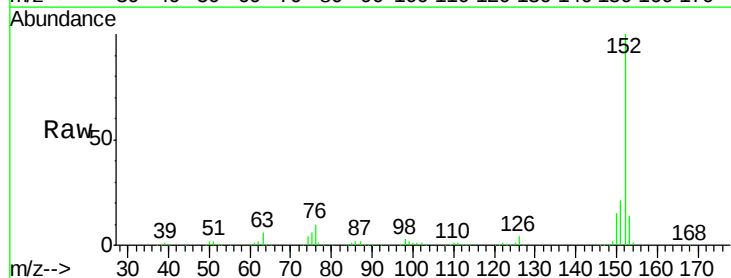
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

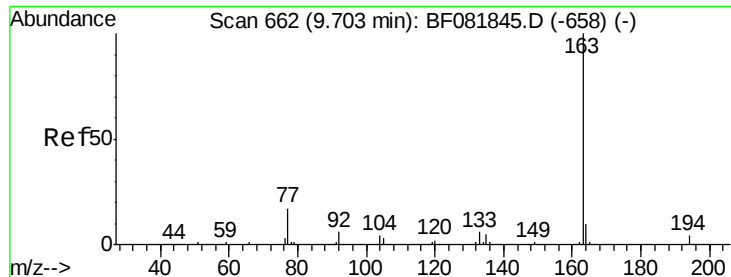
Tgt Ion: 65 Resp: 152905
Ion Ratio Lower Upper
65 100
92 64.0 55.4 83.0
138 91.3 115.5 173.3#



#48
Acenaphthylene
Concen: 37.57 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion: 152 Resp: 825397
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.8 10.3 15.5

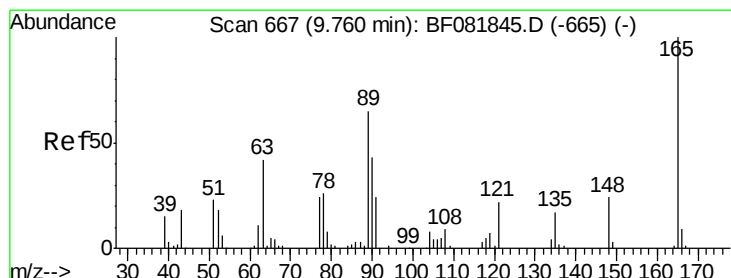
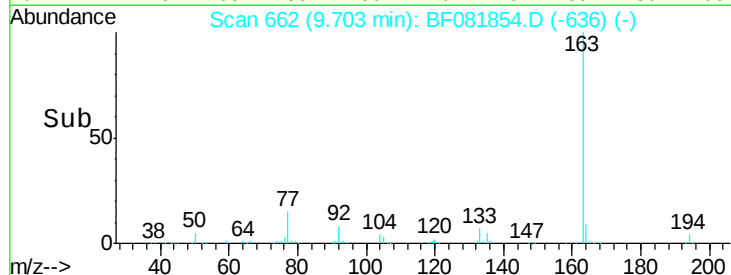
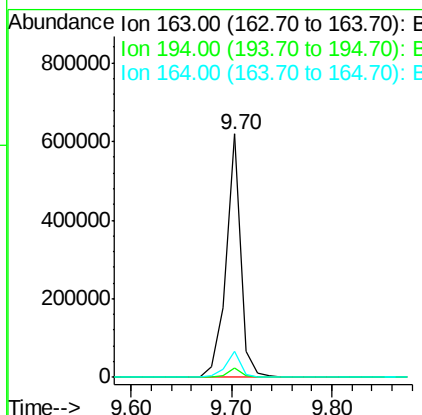
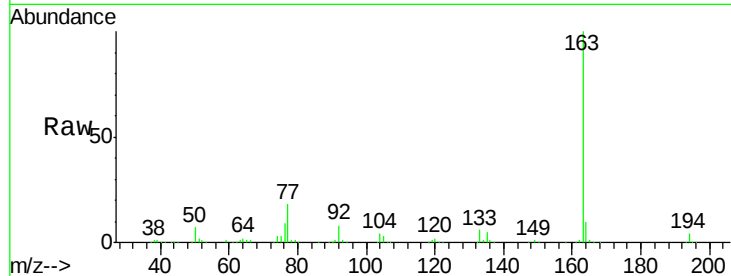




#49
Dimethylphthalate
Concen: 39.77 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

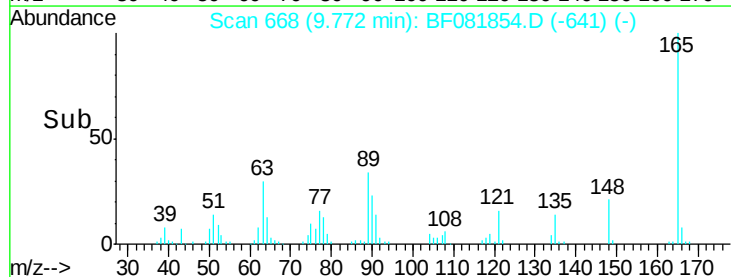
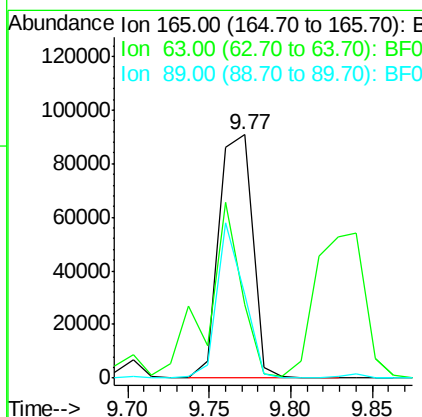
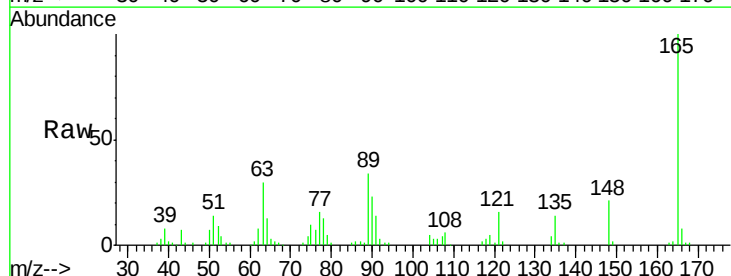
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

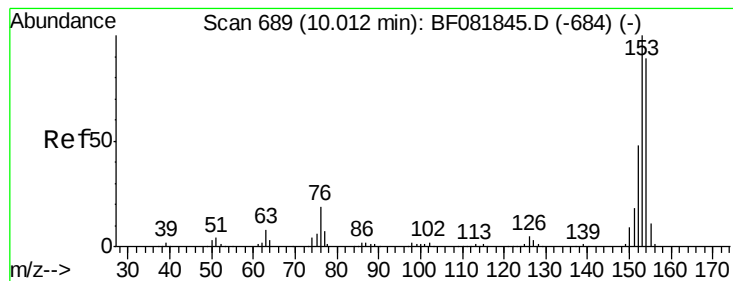
Tgt Ion:163 Resp: 622053
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 10.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 38.05 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:165 Resp: 129208
Ion Ratio Lower Upper
165 100
63 30.0 32.3 48.5#
89 34.2 28.6 43.0





#51

Acenaphthene

Concen: 41.39 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

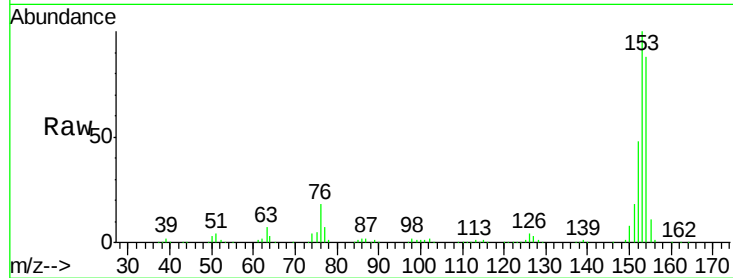
Tgt Ion:154 Resp: 539959

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

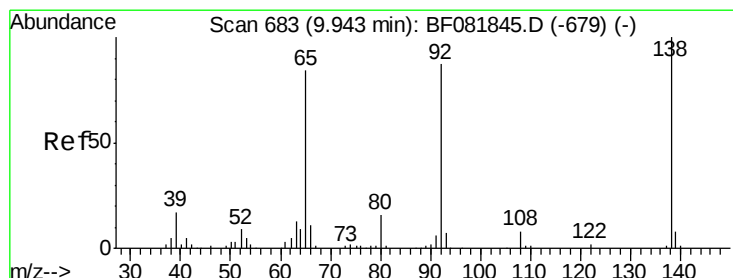
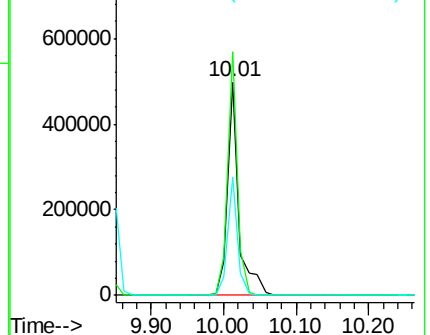
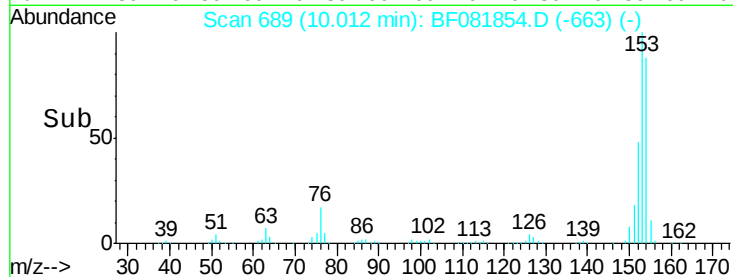
152 55.2 37.9 56.9



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: 19.34 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

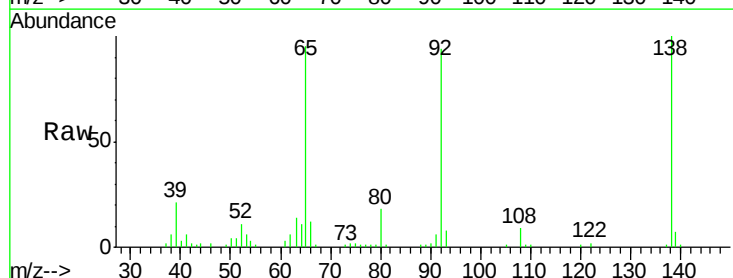
Tgt Ion:138 Resp: 75981

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

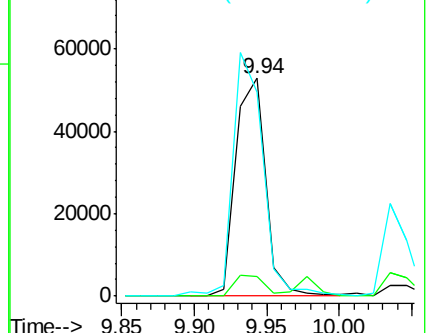
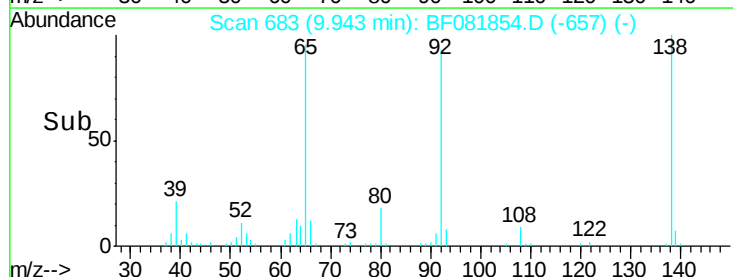
92 93.6 67.7 101.5

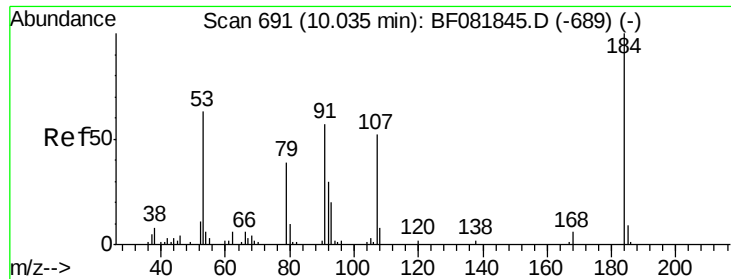


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

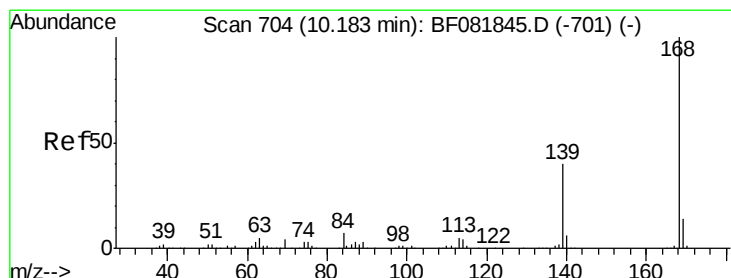
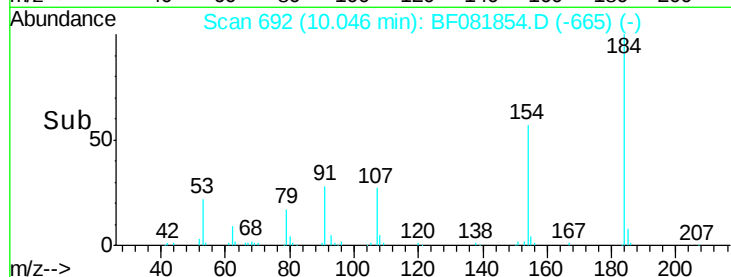
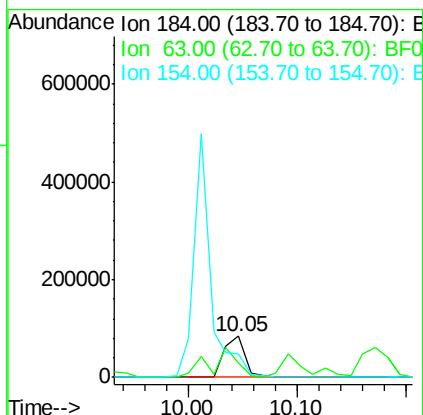
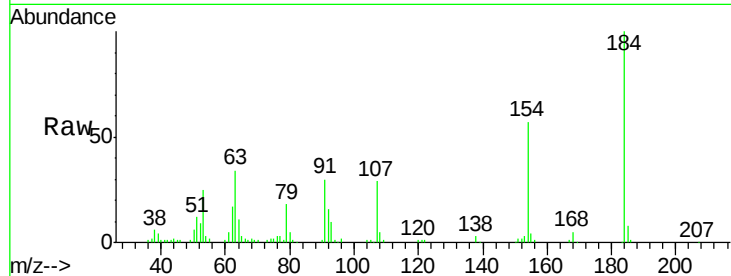




#53
2,4-Dinitrophenol
Concen: 72.49 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

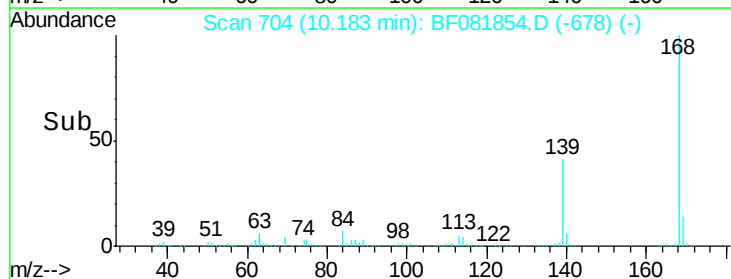
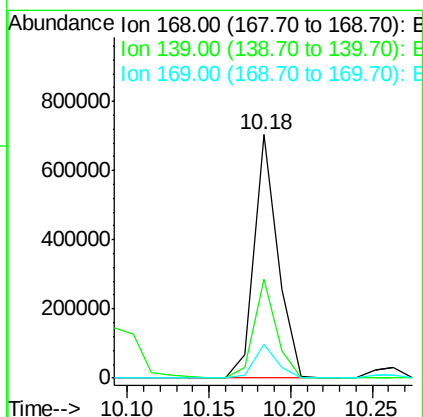
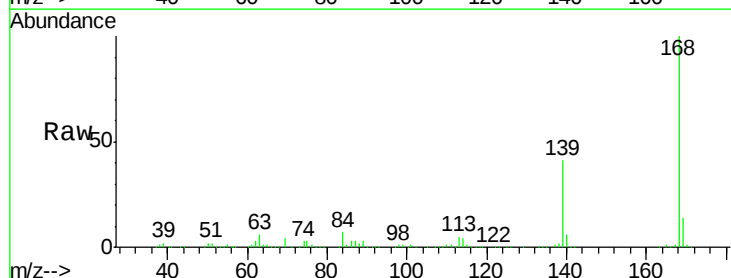
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

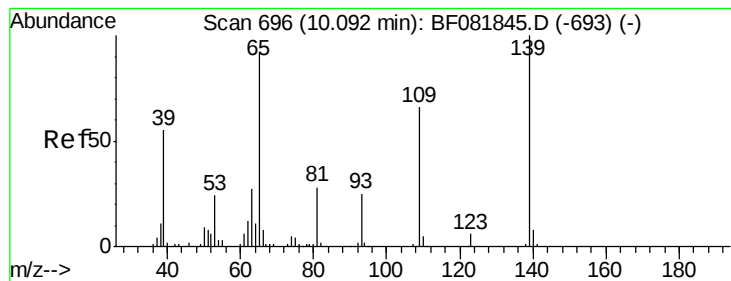
Tgt Ion:184 Resp: 112060
Ion Ratio Lower Upper
184 100
63 34.0 35.4 53.2#
154 56.8 32.2 48.4#



#54
Dibenzofuran
Concen: 38.59 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:168 Resp: 711572
Ion Ratio Lower Upper
168 100
139 40.7 24.2 36.2#
169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 76.72 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

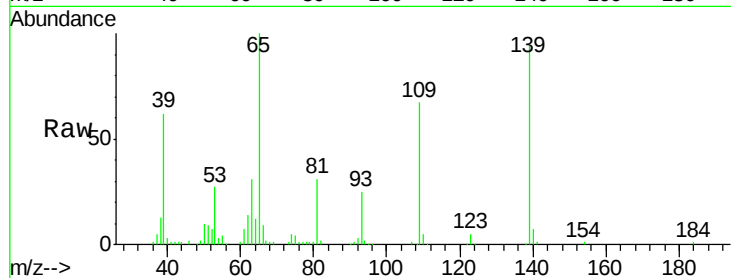
Tgt Ion:139 Resp: 217770

Ion Ratio Lower Upper

139 100

109 71.9 12.7 52.7#

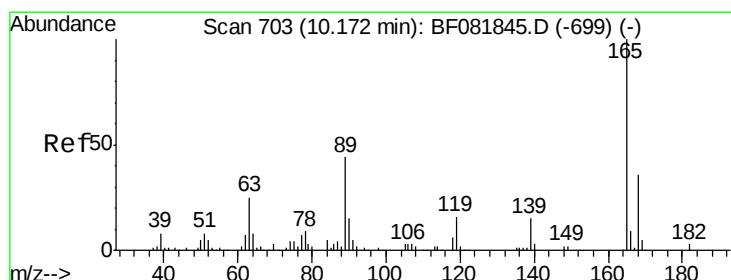
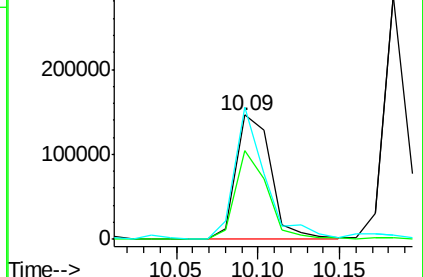
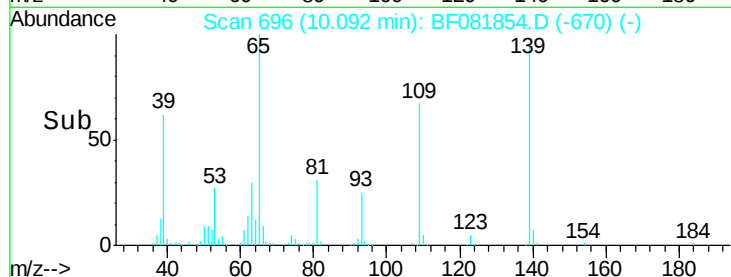
65 106.9 45.9 85.9#



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: 44.30 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Tgt Ion:165 Resp: 191767

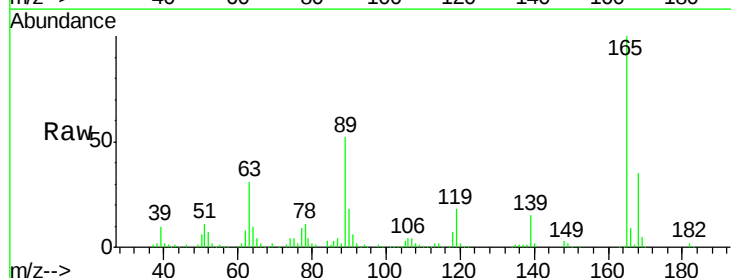
Ion Ratio Lower Upper

165 100

63 31.0 29.8 44.6

89 52.3 44.5 66.7

182 2.1 3.0 4.4#

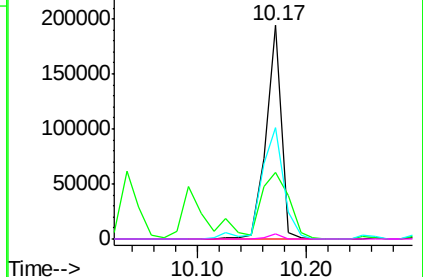
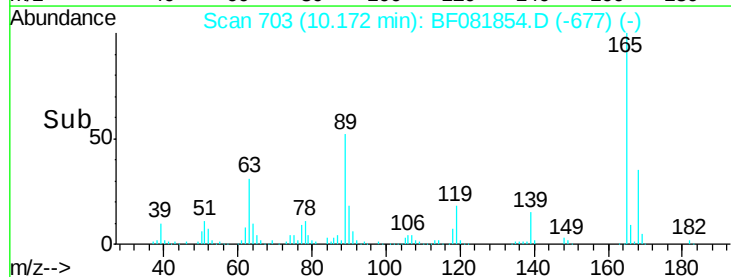


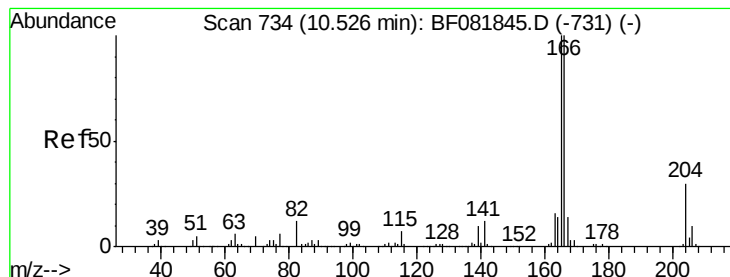
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.05 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

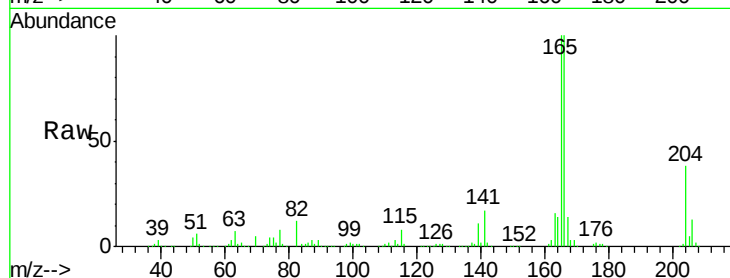
Tgt Ion:166 Resp: 531167

Ion Ratio Lower Upper

166 100

165 100.4 72.6 109.0

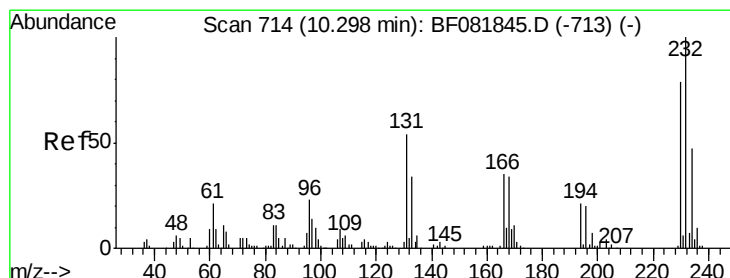
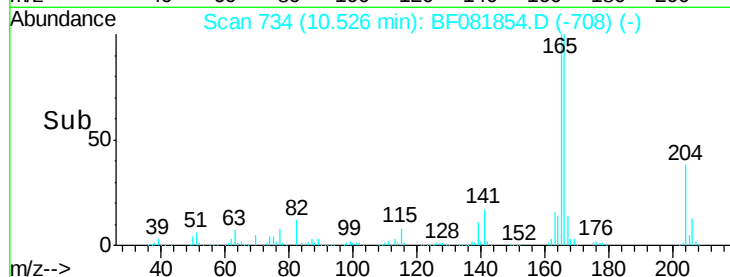
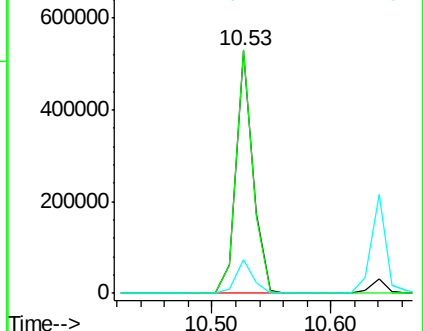
167 14.1 10.6 16.0



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: 40.04 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Tgt Ion:232 Resp: 155776

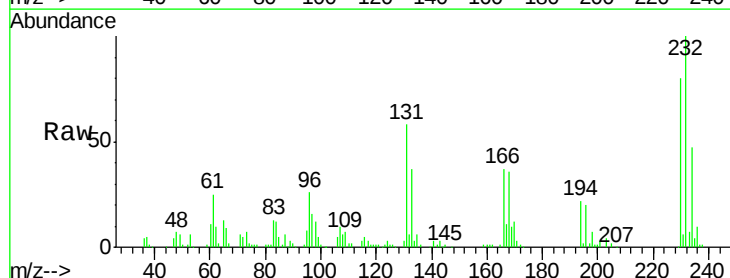
Ion Ratio Lower Upper

232 100

131 45.1 38.5 57.7

130 2.0 1.8 2.6

166 29.8 25.0 37.6

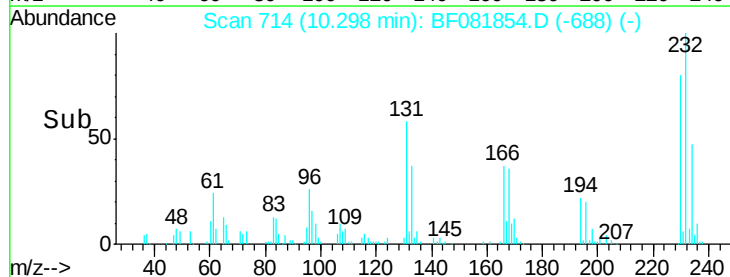
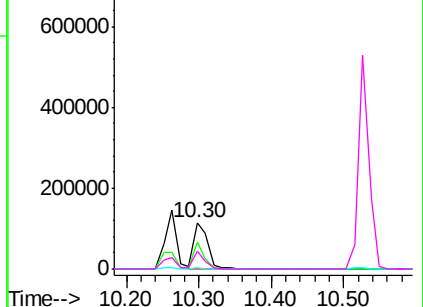


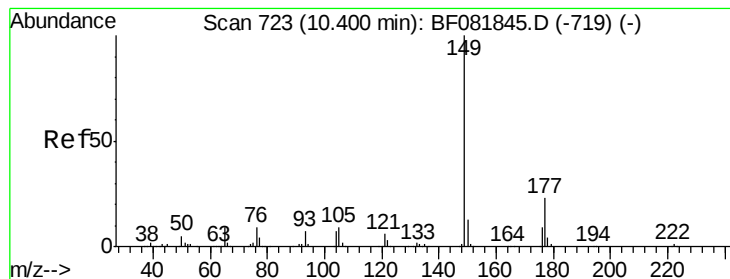
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.00 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

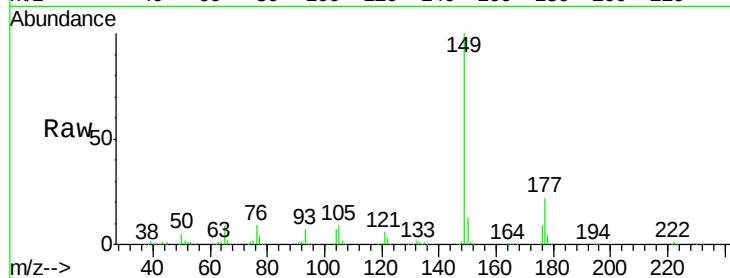
Tgt Ion:149 Resp: 584436

Ion Ratio Lower Upper

149 100

177 22.0 17.5 26.3

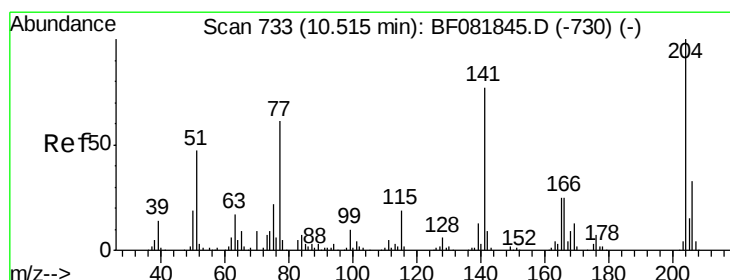
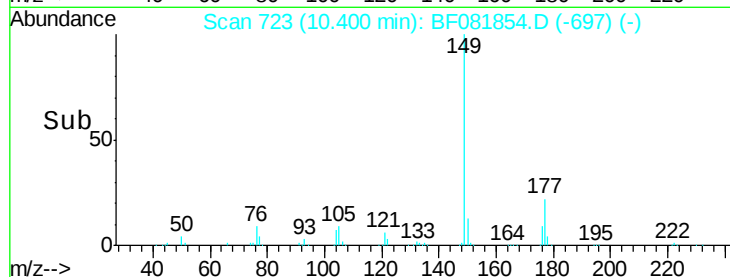
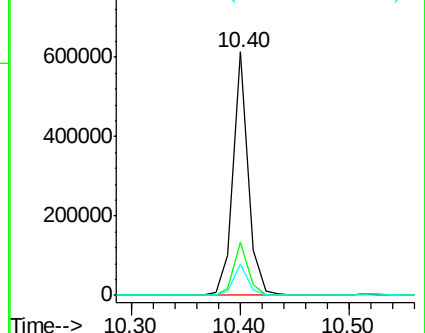
150 12.9 9.4 14.2



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: 38.22 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

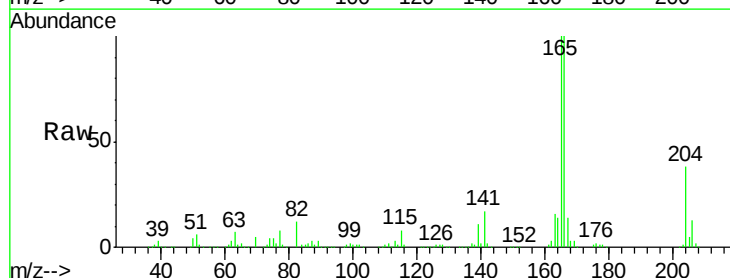
Tgt Ion:204 Resp: 258016

Ion Ratio Lower Upper

204 100

206 34.6 24.8 37.2

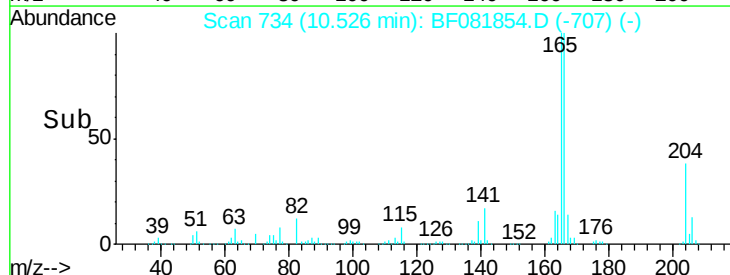
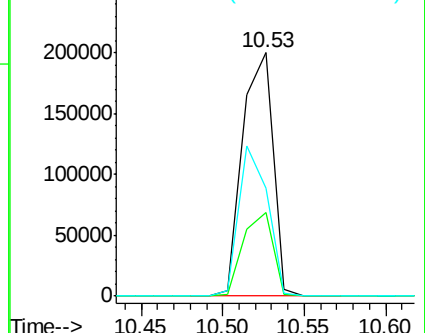
141 44.5 42.2 63.4

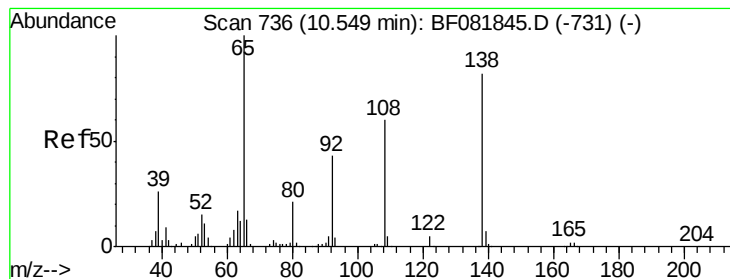


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.24 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

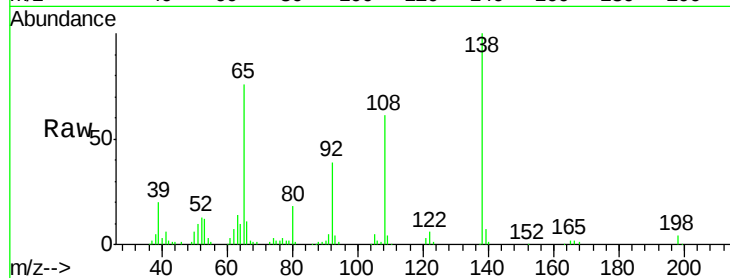
Tgt Ion:138 Resp: 138828

Ion Ratio Lower Upper

138 100

92 38.8 12.6 52.6

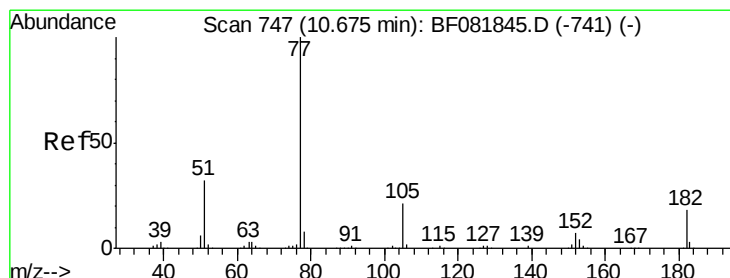
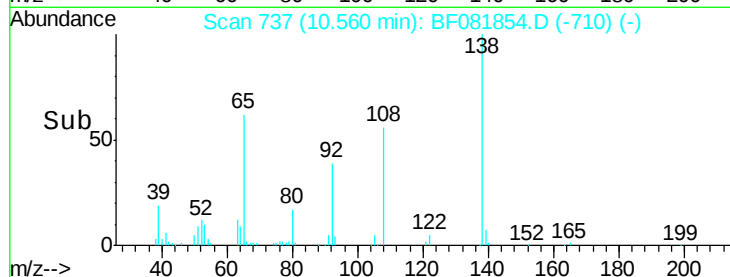
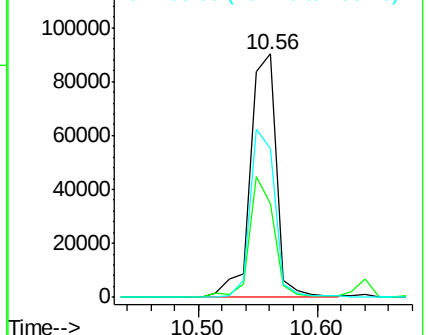
108 60.9 12.4 52.4#



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: 39.91 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Tgt Ion: 77 Resp: 569089

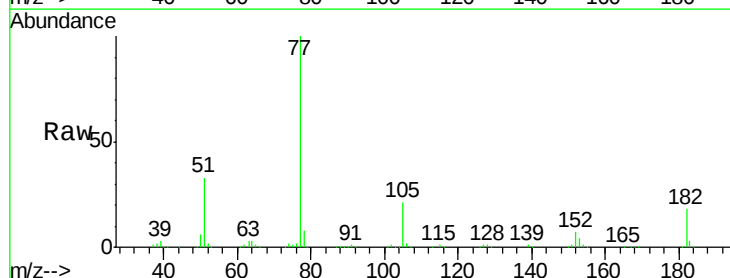
Ion Ratio Lower Upper

77 100

182 17.9 15.1 55.1

105 21.4 3.4 43.4

51 32.9 12.0 52.0

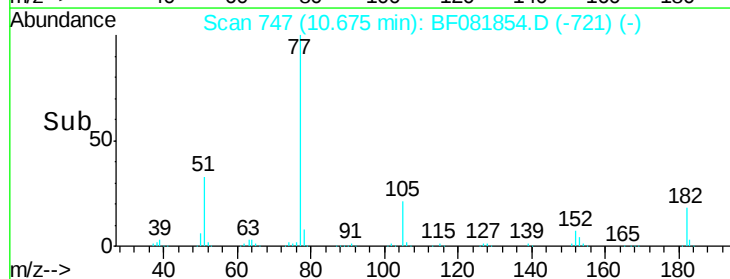
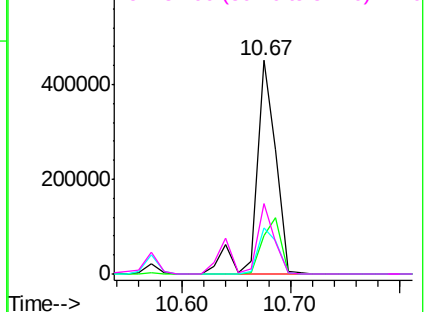


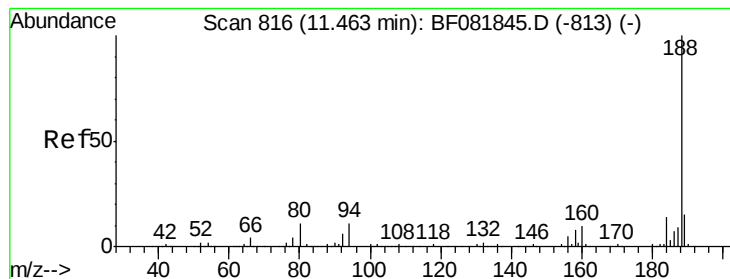
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

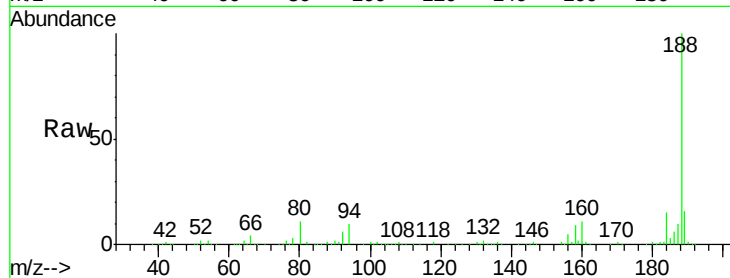
Tgt Ion:188 Resp: 427169

Ion Ratio Lower Upper

188 100

94 10.3 11.1 16.7#

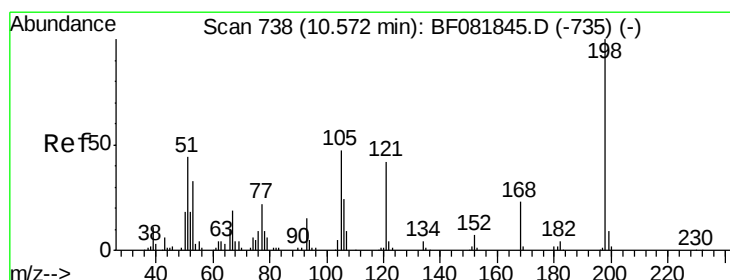
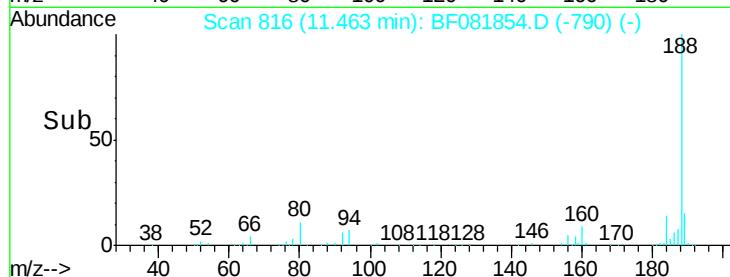
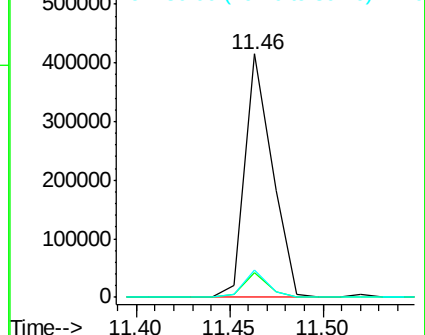
80 11.3 11.0 16.4



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: 41.83 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

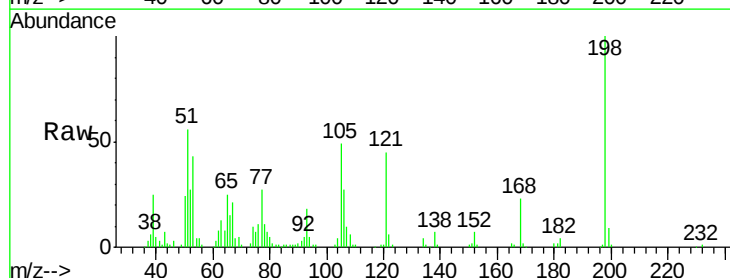
Tgt Ion:198 Resp: 78588

Ion Ratio Lower Upper

198 100

51 56.0 39.6 79.6

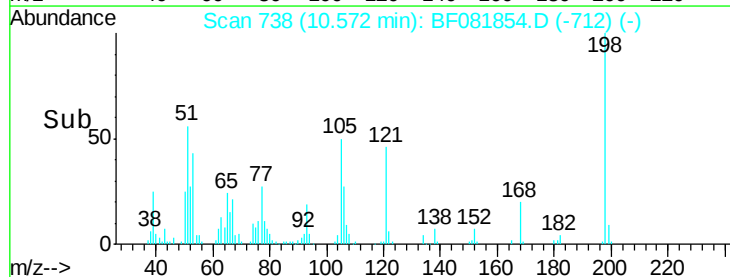
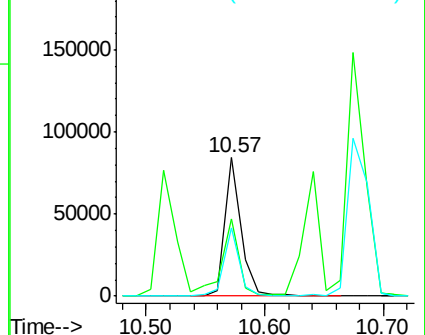
105 49.3 28.5 68.5

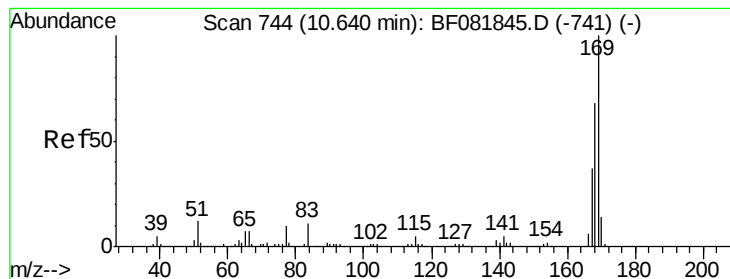


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.15 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

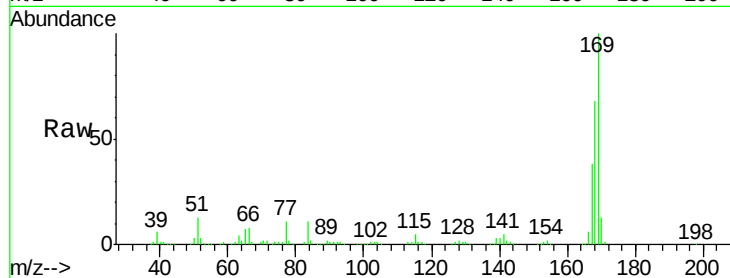
Tgt Ion:169 Resp: 493014

Ion Ratio Lower Upper

169 100

168 68.2 48.9 73.3

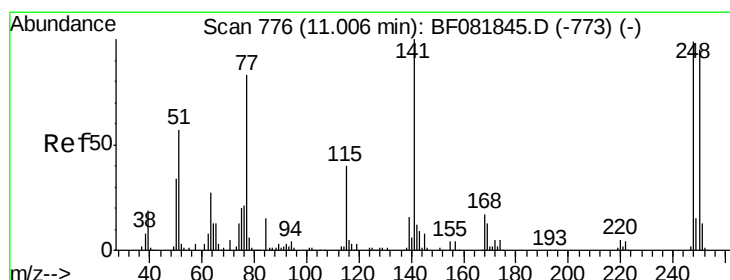
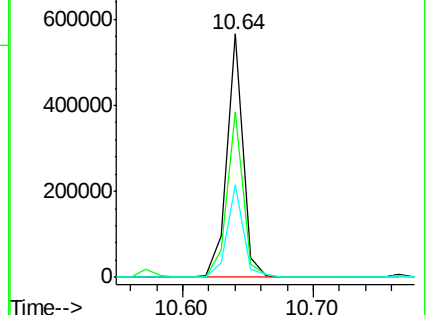
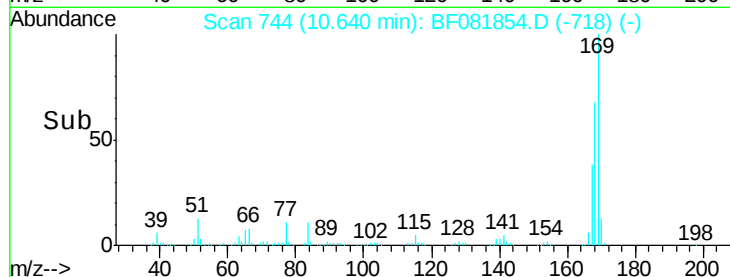
167 37.9 26.2 39.4



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: 39.27 ng

RT: 11.02 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

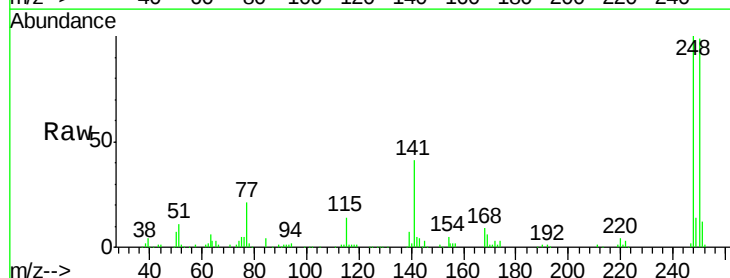
Tgt Ion:248 Resp: 169154

Ion Ratio Lower Upper

248 100

250 98.8 78.5 117.7

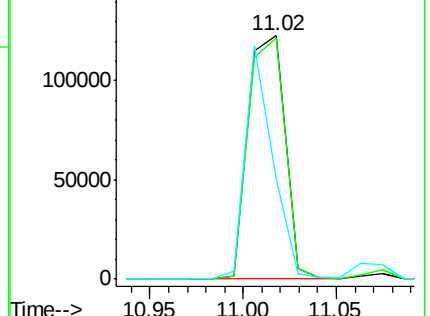
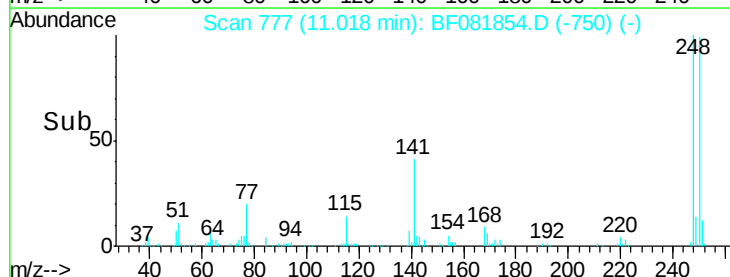
141 41.3 59.0 88.6#

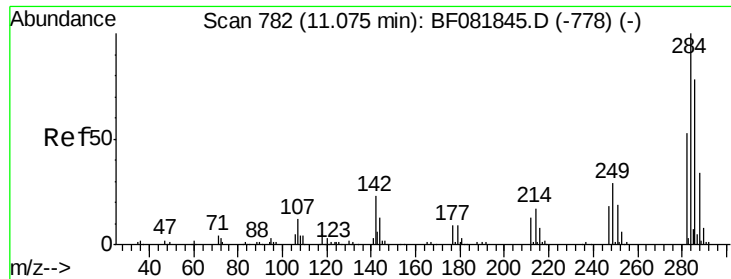


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

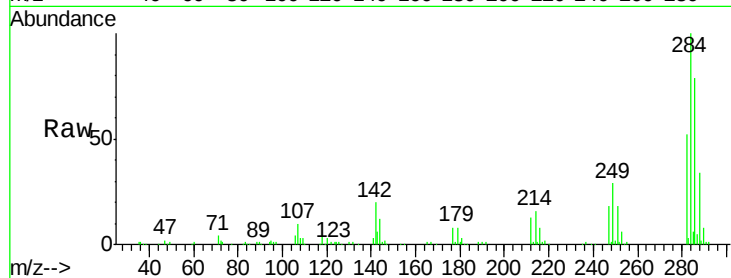




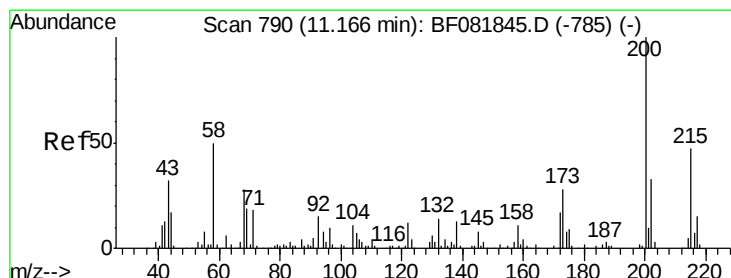
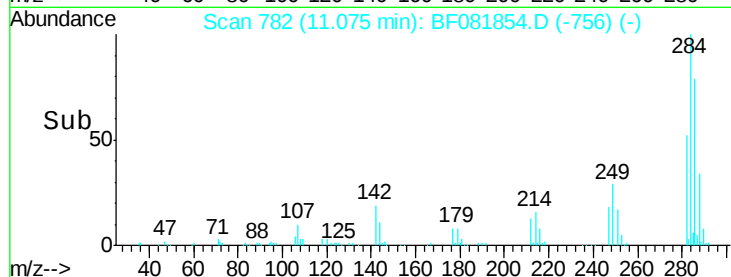
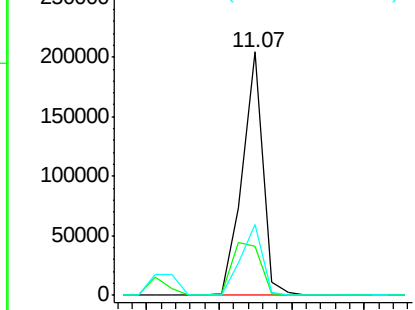
#67
Hexachlorobenzene
Concen: 41.30 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Instrument :
BNA_F
ClientSampleId :
PB85767BSD

Tgt Ion:284 Resp: 200772
Ion Ratio Lower Upper
284 100
142 19.9 29.5 44.3#
249 29.2 19.5 29.3

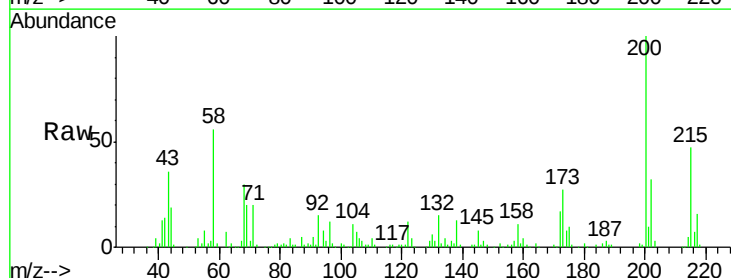


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

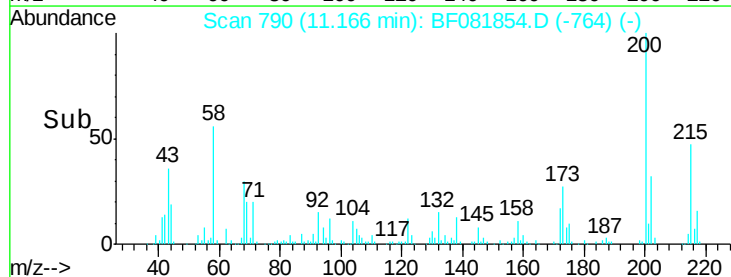
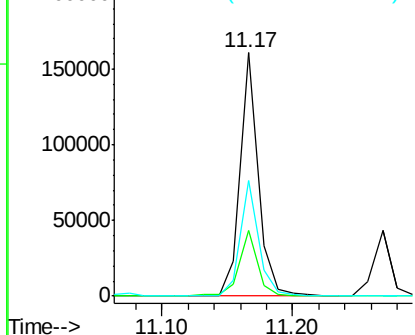


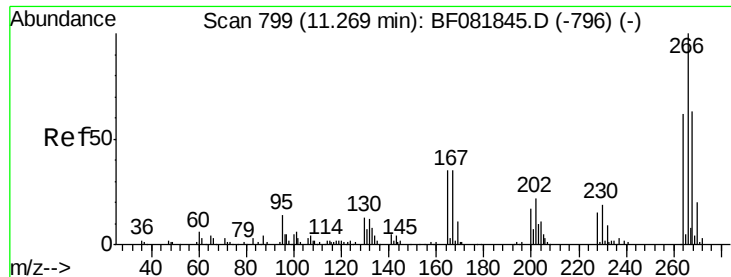
#68
Atrazine
Concen: 38.84 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:200 Resp: 155736
Ion Ratio Lower Upper
200 100
173 27.1 13.2 53.2
215 47.2 41.8 81.8



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

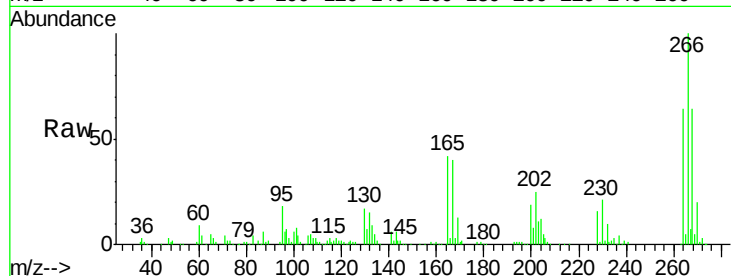




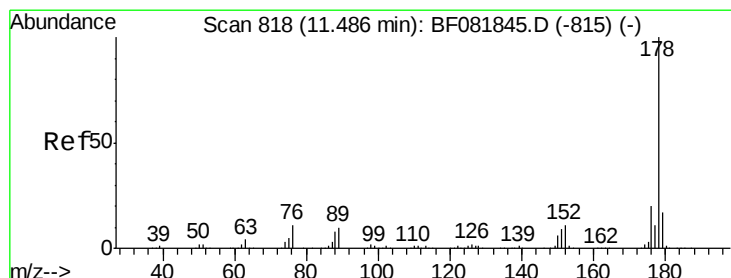
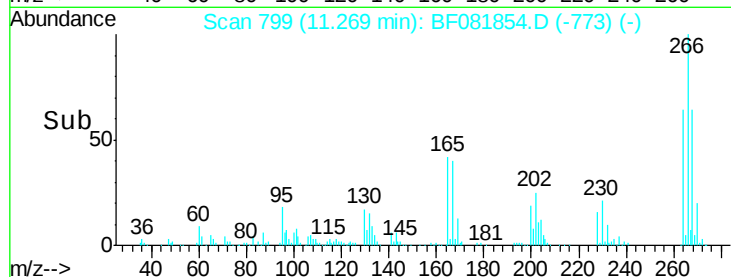
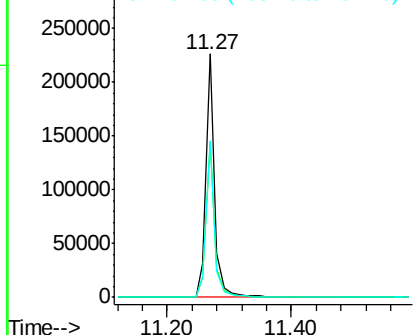
#69
 Pentachlorophenol
 Concen: 79.81 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

Tgt Ion:266 Resp: 221034
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.6
 264 64.2 50.2 75.2

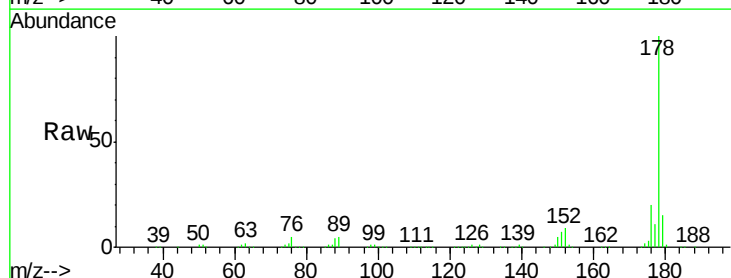


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

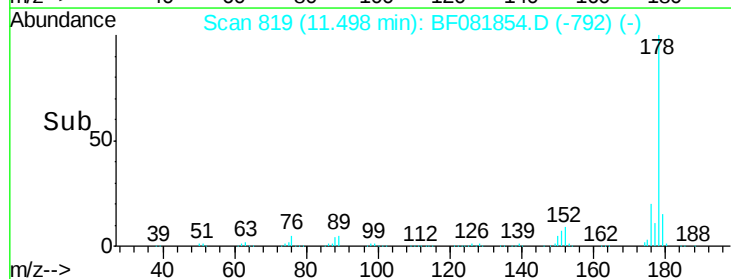
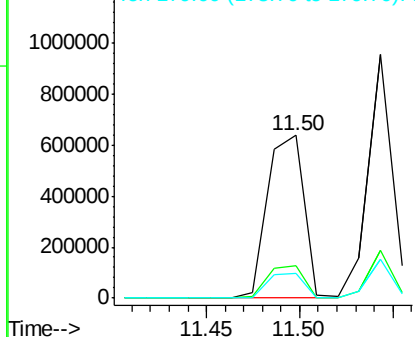


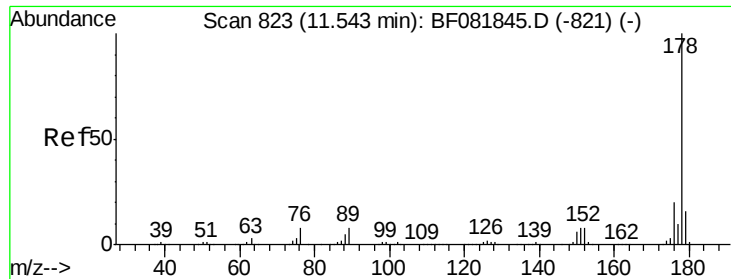
#70
 Phenanthrene
 Concen: 42.13 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:178 Resp: 868183
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 15.2 12.2 18.2



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

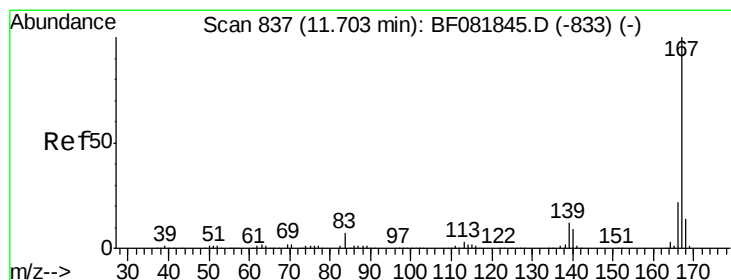
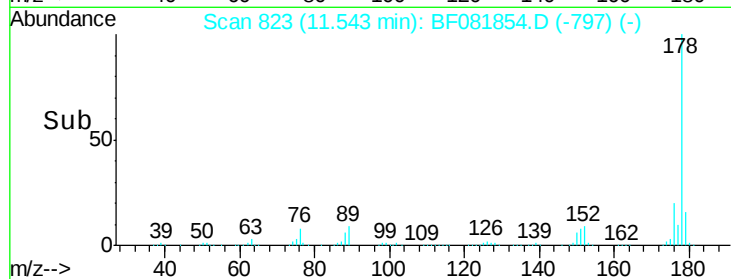
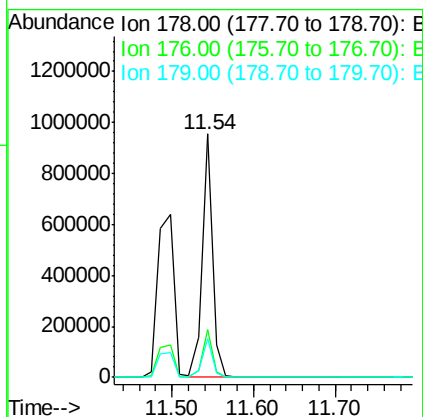
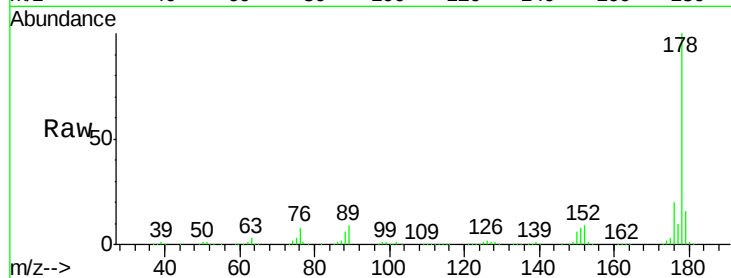




#71
 Anthracene
 Concen: 39.66 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

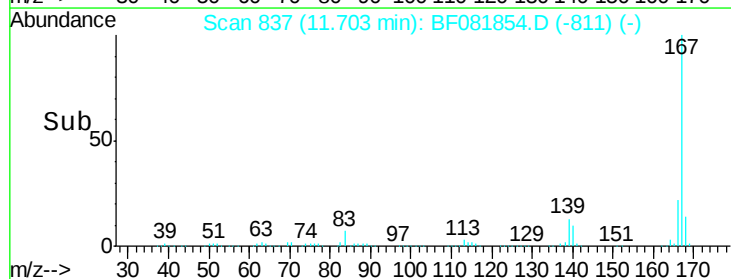
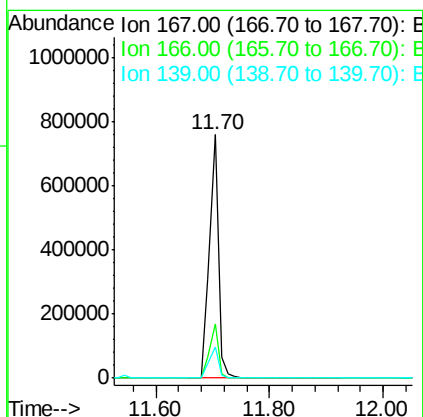
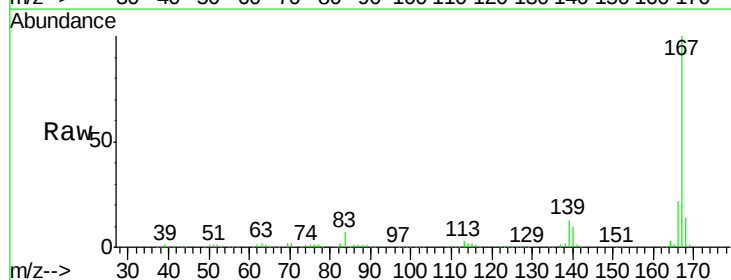
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

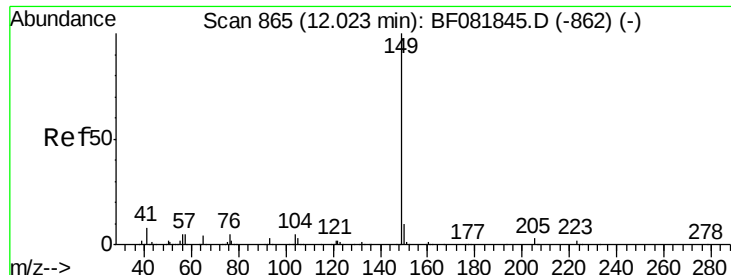
Tgt Ion:178 Resp: 861157
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.1 21.1
 179 16.0 12.2 18.2



#72
 Carbazole
 Concen: 40.65 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:167 Resp: 798867
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 12.7 9.5 14.3





#73

Di-n-butylphthalate

Concen: 42.41 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

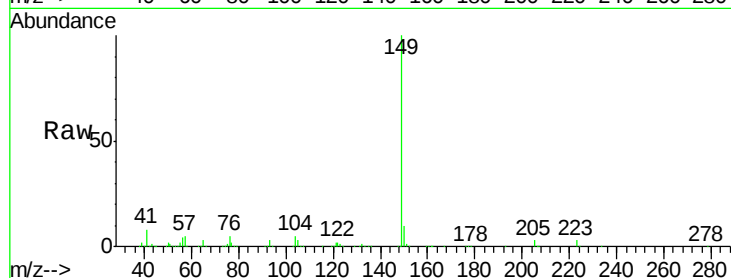
Tgt Ion:149 Resp: 850383

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

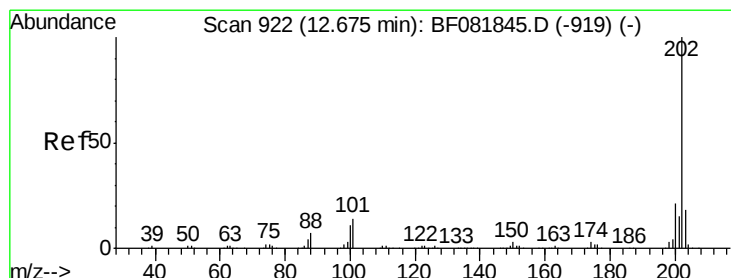
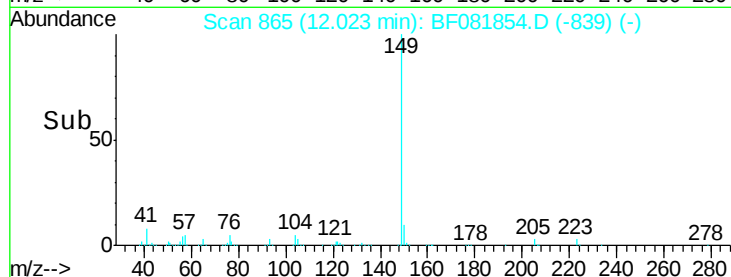
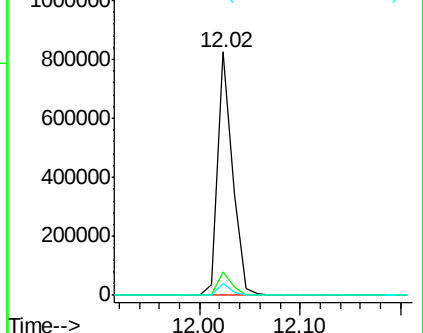
104 5.0 2.4 3.6#



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: 39.83 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

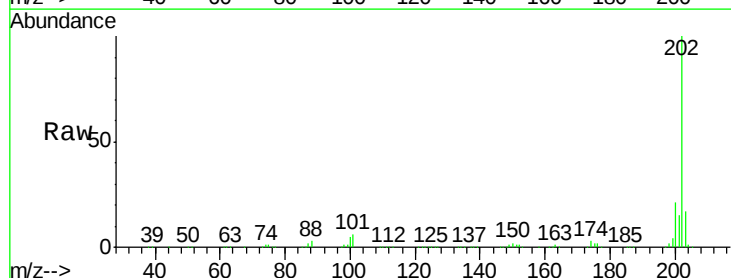
Tgt Ion:202 Resp: 911444

Ion Ratio Lower Upper

202 100

101 6.3 0.0 38.3

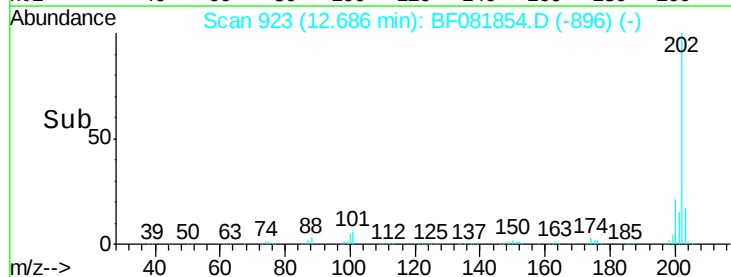
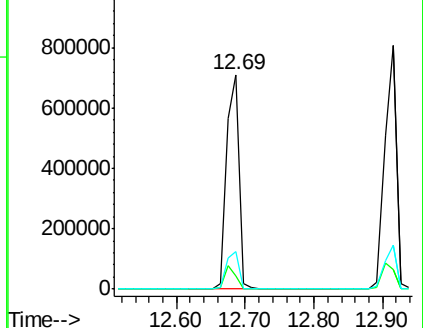
203 17.4 0.0 37.3

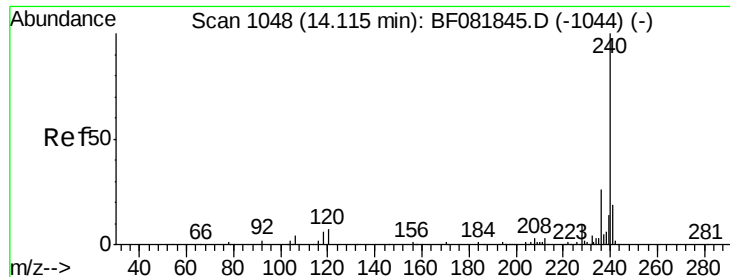


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

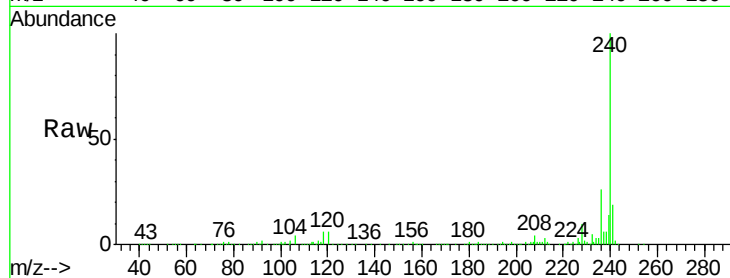
Tgt Ion:240 Resp: 370846

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

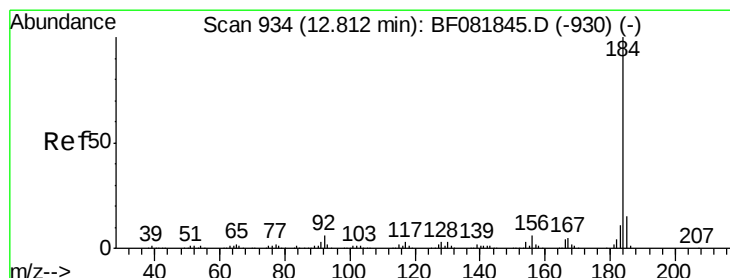
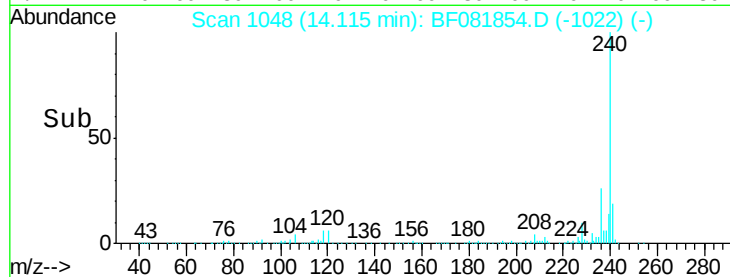
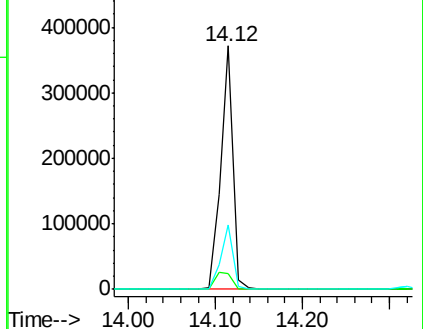
236 26.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.80 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

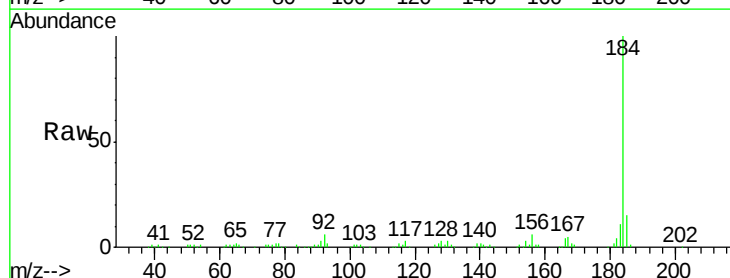
Tgt Ion:184 Resp: 232435

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

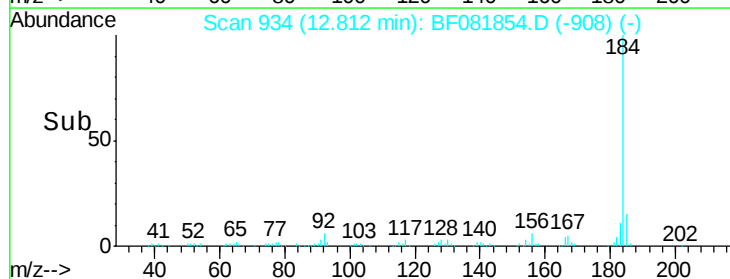
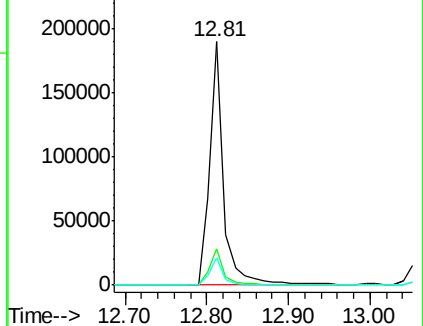
183 11.1 7.6 11.4

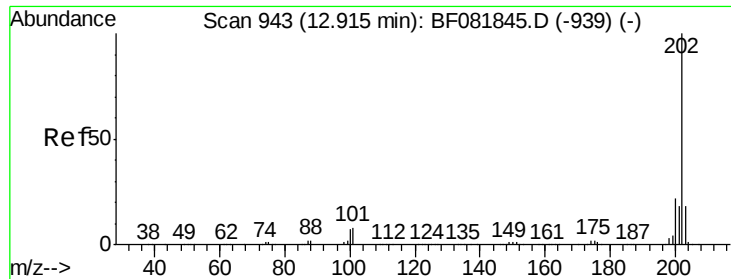


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

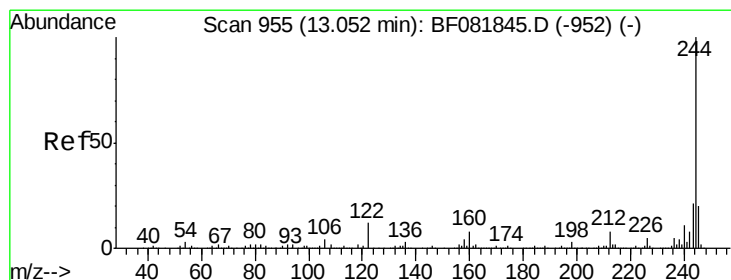
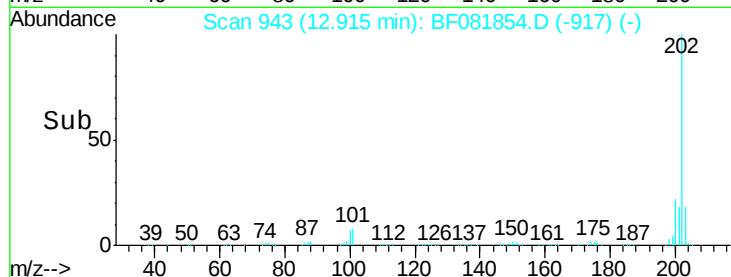
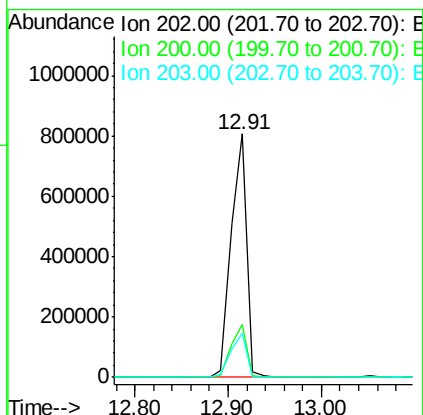
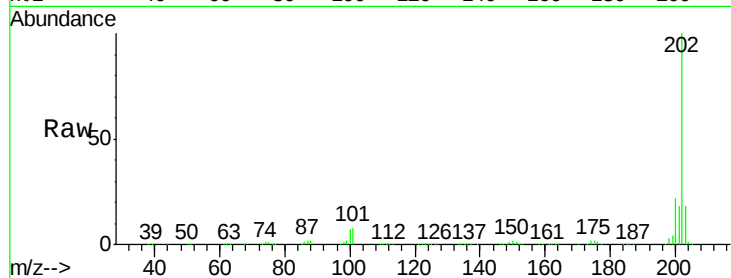




#77
 Pyrene
 Concen: 42.43 ng
 RT: 12.91 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

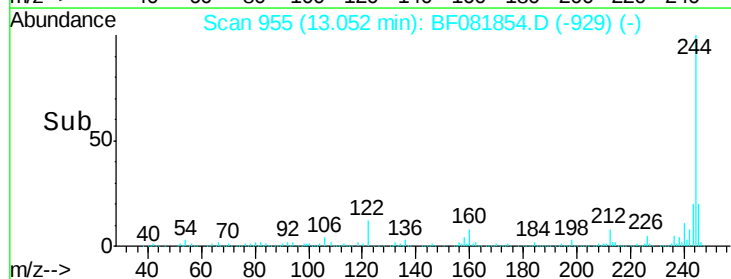
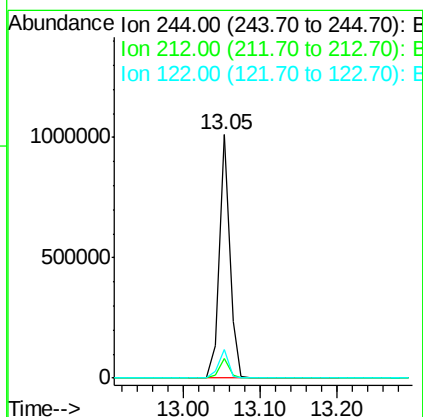
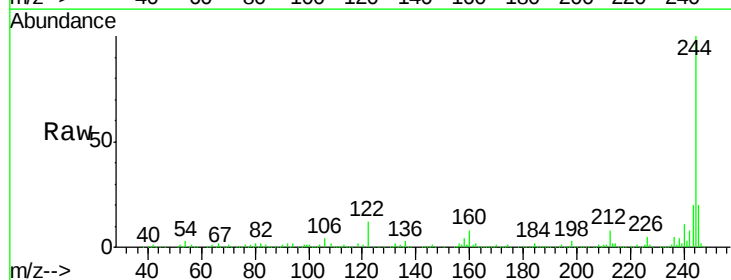
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

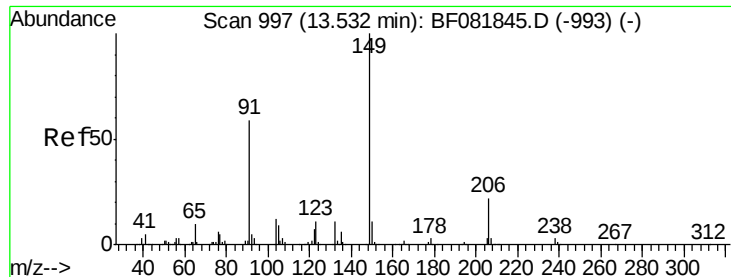
Tgt Ion: 202 Resp: 939999
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.0 22.4
 203 17.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 83.23 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion: 244 Resp: 961144
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.9 17.4 26.2#

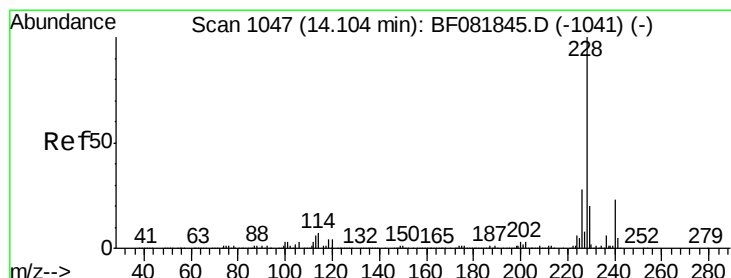
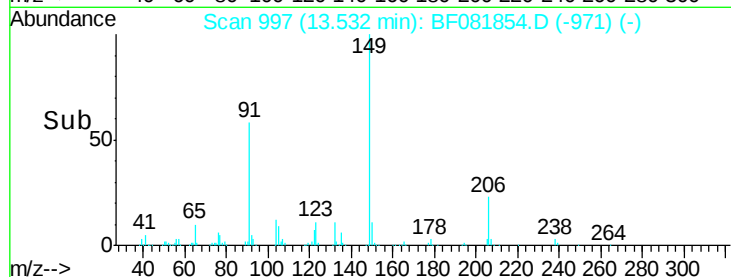
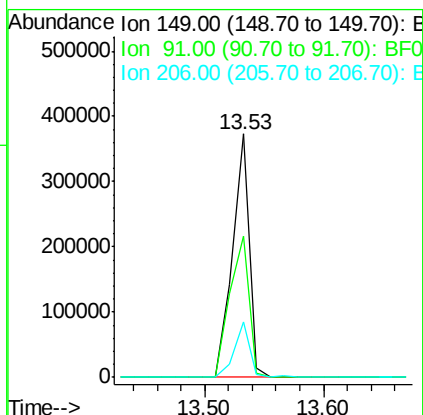
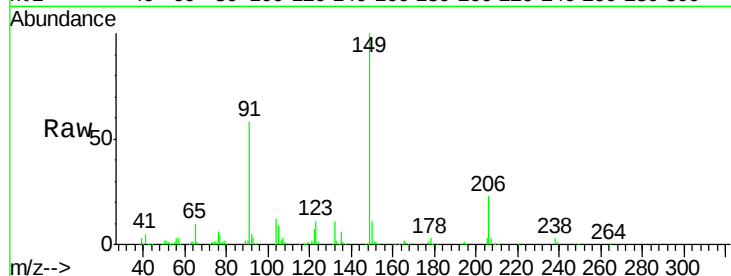




#79
Butylbenzylphthalate
Concen: 43.82 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

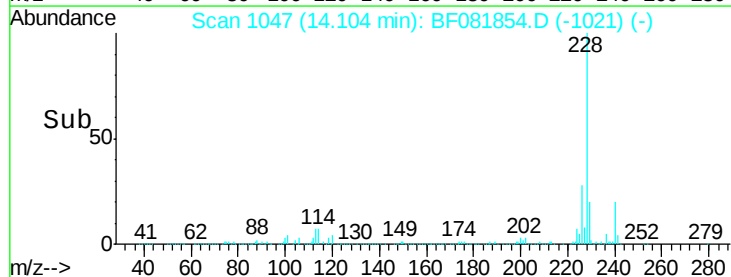
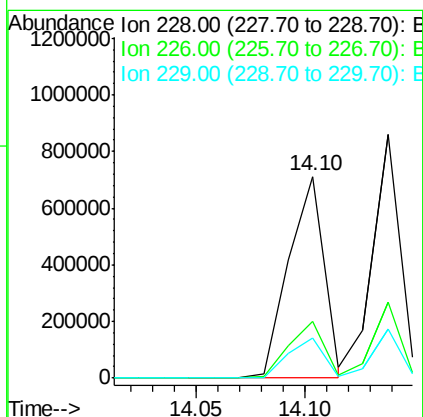
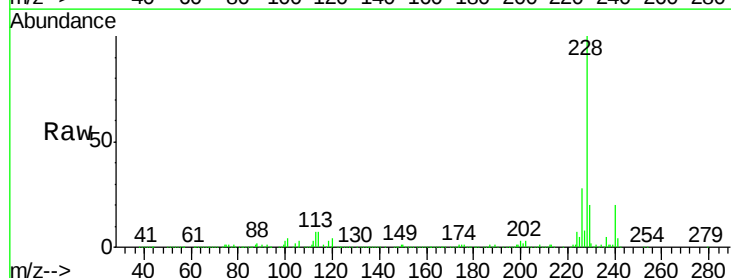
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

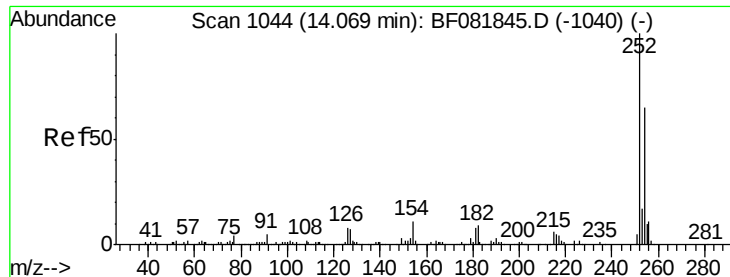
Tgt Ion:149 Resp: 365300
Ion Ratio Lower Upper
149 100
91 58.2 48.6 72.8
206 22.8 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 40.59 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:228 Resp: 810620
Ion Ratio Lower Upper
228 100
226 28.1 20.0 30.0
229 19.8 15.4 23.2

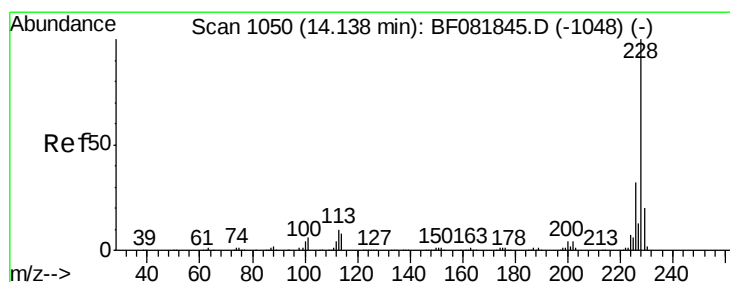
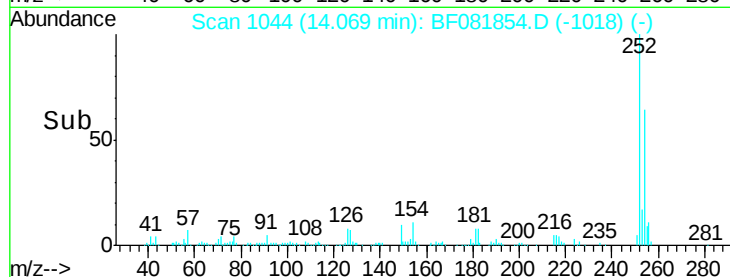
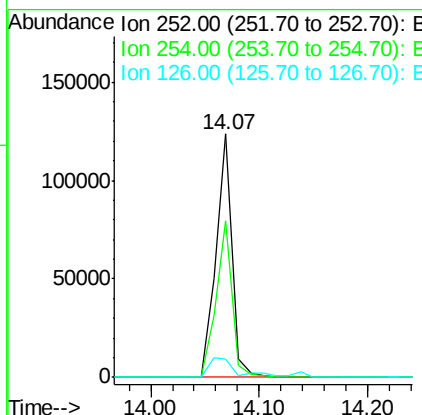
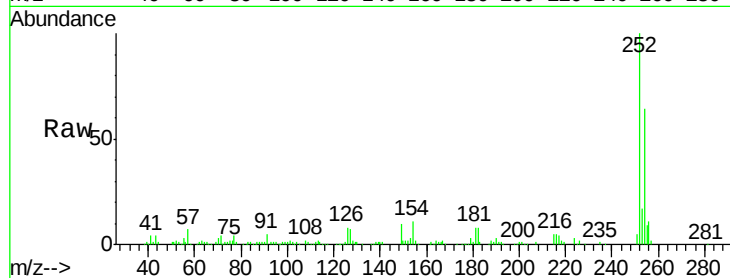




#81
 3,3'-Dichlorobenzidine
 Concen: 19.11 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

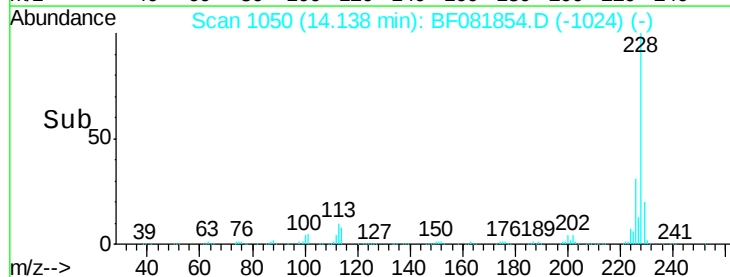
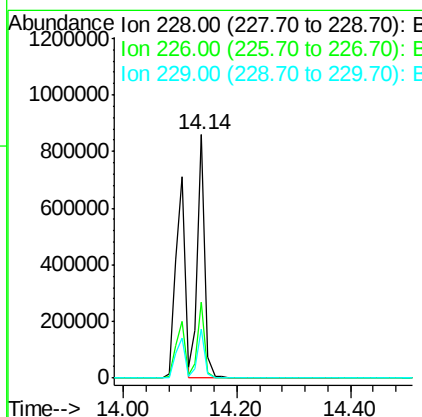
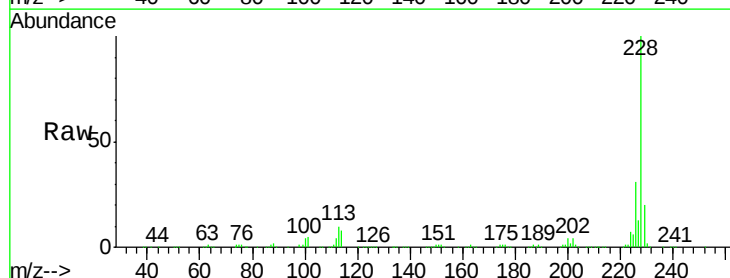
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

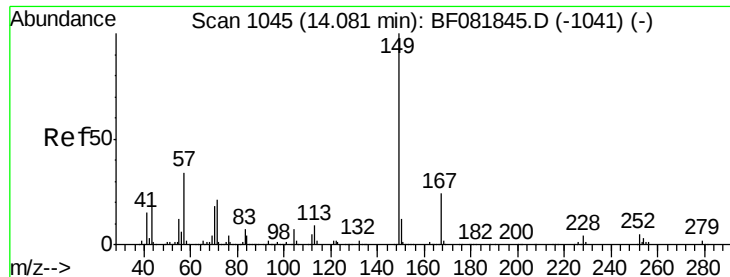
Tgt Ion:252 Resp: 128905
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 7.6 16.4 24.6#



#82
 Chrysene
 Concen: 43.92 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion:228 Resp: 774809
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 20.1 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.04 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD

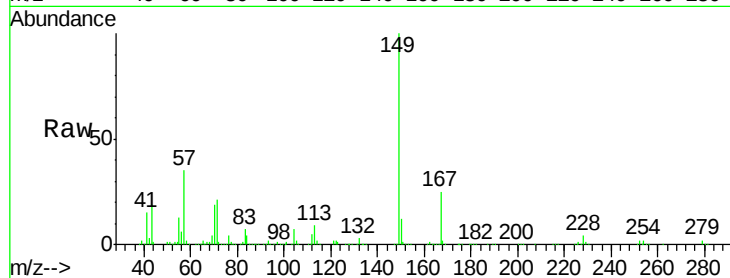
Tgt Ion:149 Resp: 450095

Ion Ratio Lower Upper

149 100

167 24.6 24.2 36.2

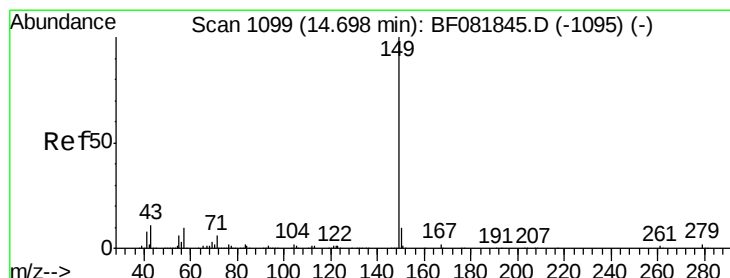
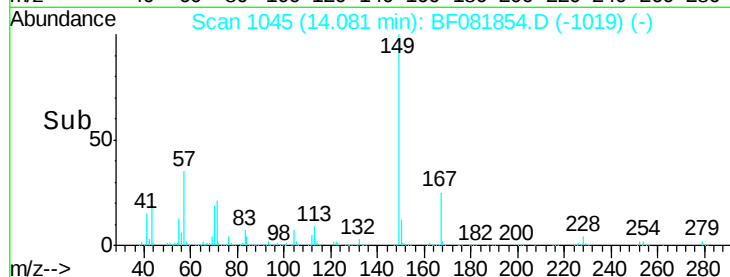
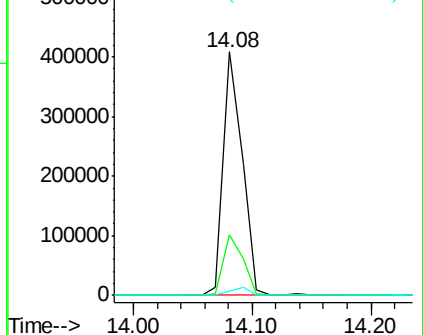
279 2.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.05 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081854.D

Acq: 28 Sep 2015 20:45

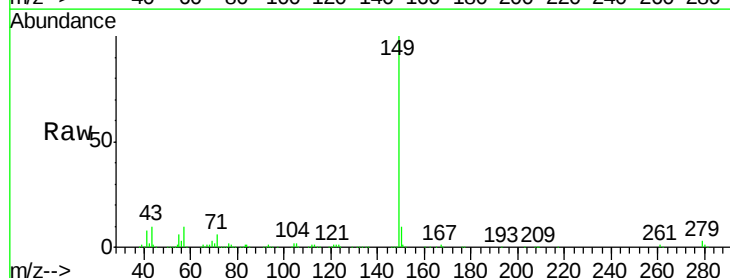
Tgt Ion:149 Resp: 715547

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

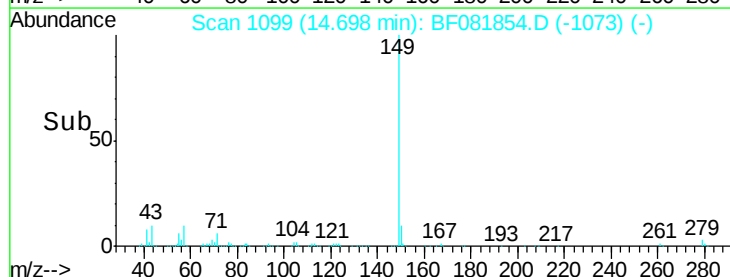
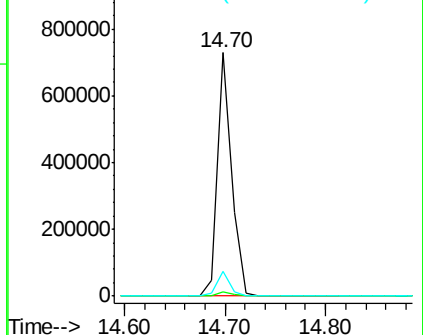
43 9.6 10.2 15.2#

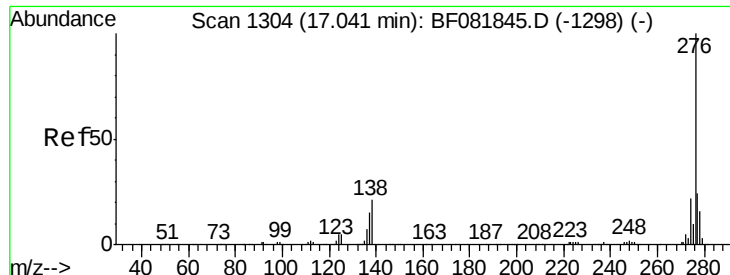


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

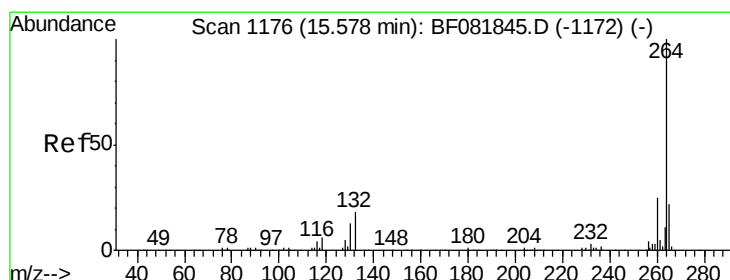
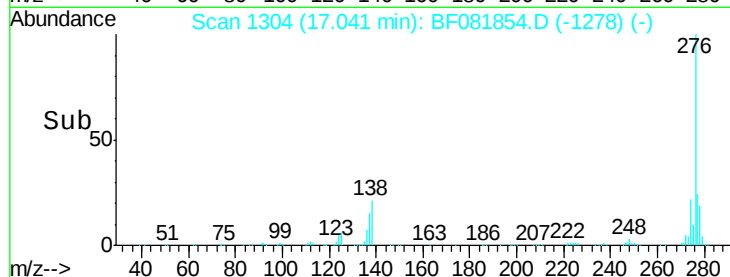
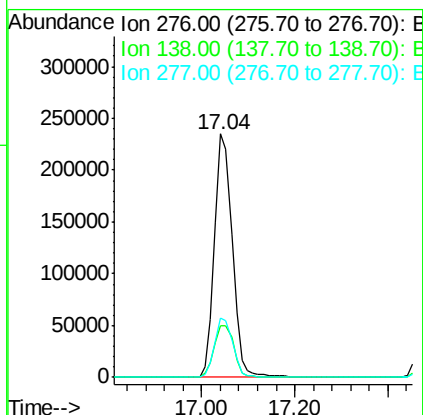
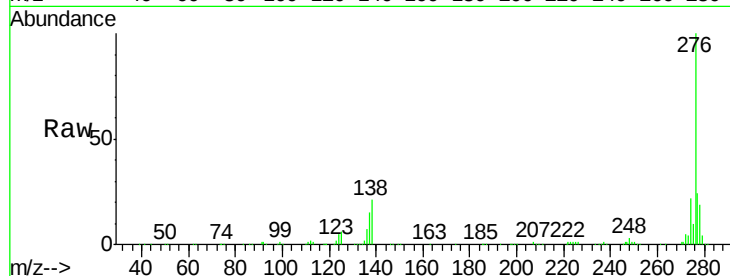




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.36 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

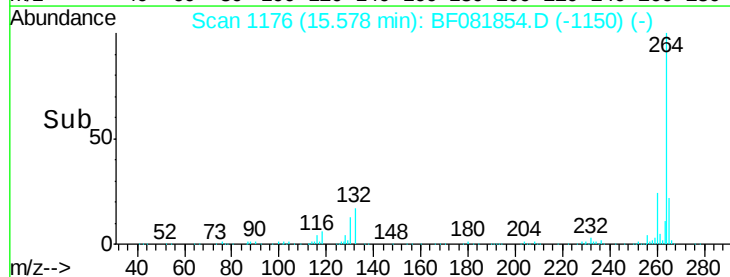
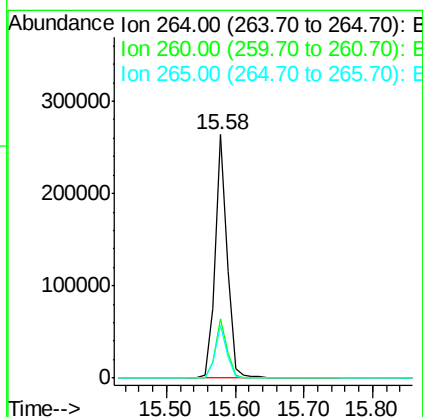
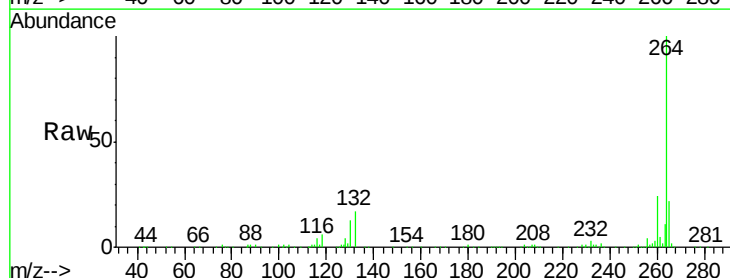
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BSD

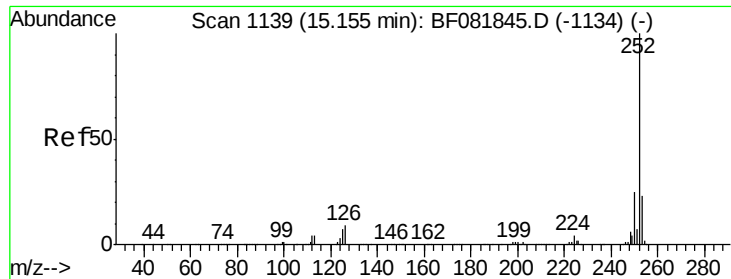
Tgt Ion: 276 Resp: 630557
 Ion Ratio Lower Upper
 276 100
 138 23.9 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081854.D
 Acq: 28 Sep 2015 20:45

Tgt Ion: 264 Resp: 328802
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.5 17.2 25.8

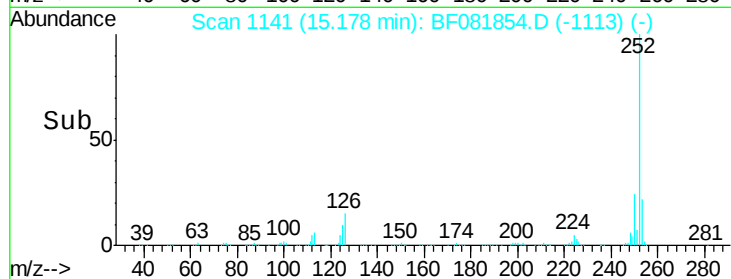
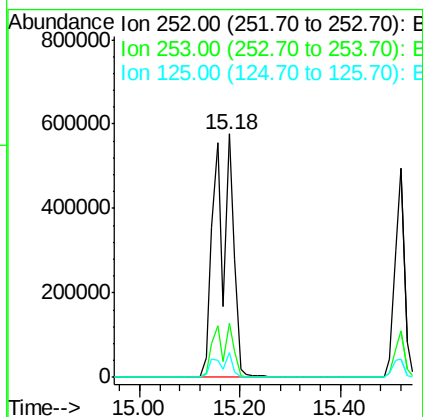
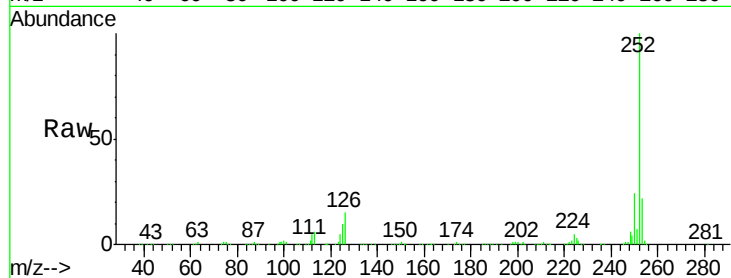




#87
Benzo(b)fluoranthene
Concen: 74.36 ng
RT: 15.18 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

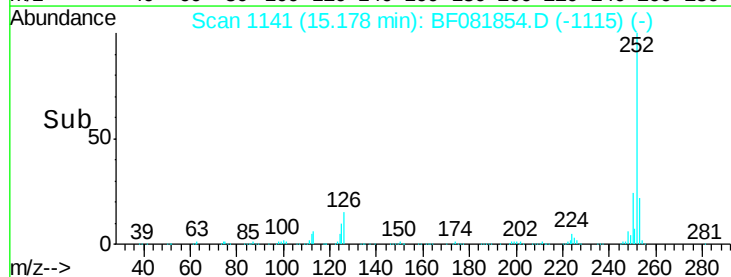
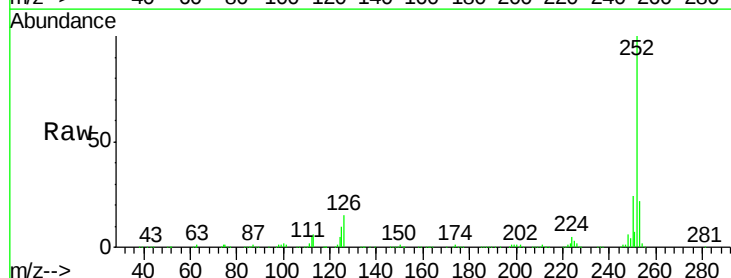
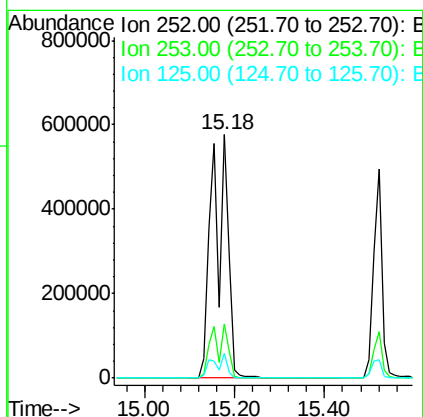
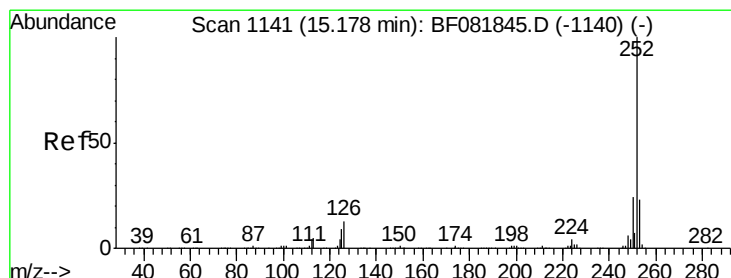
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

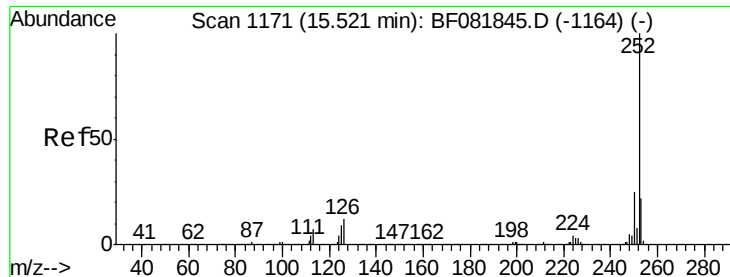
Tgt Ion:252 Resp: 1395968
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.1 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 81.18 ng
RT: 15.18 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion:252 Resp: 1396824
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.1 16.0 24.0#

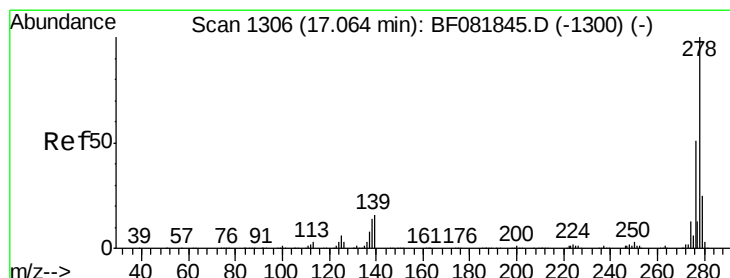
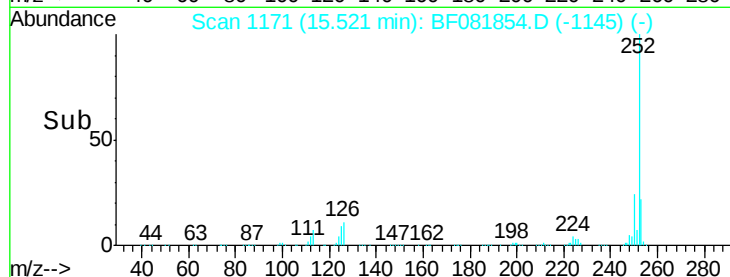
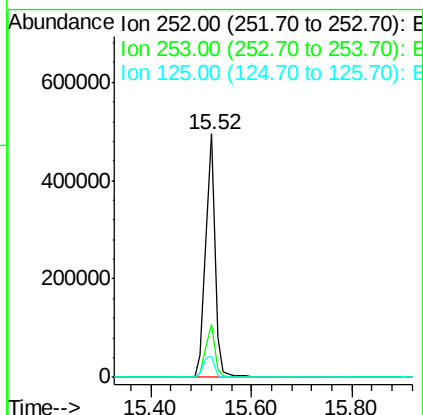
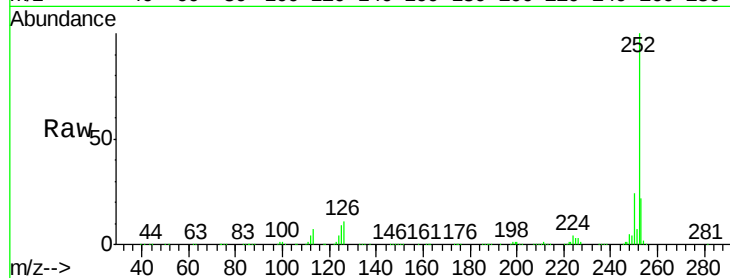




#89
Benzo(a)pyrene
Concen: 40.58 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

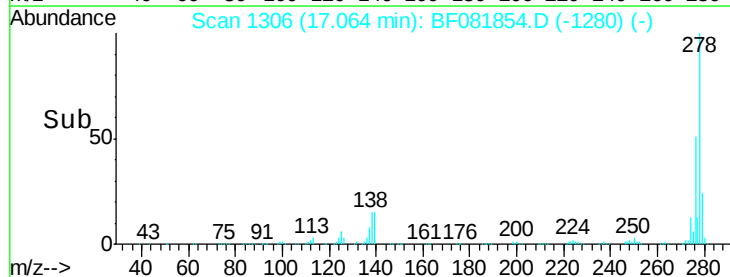
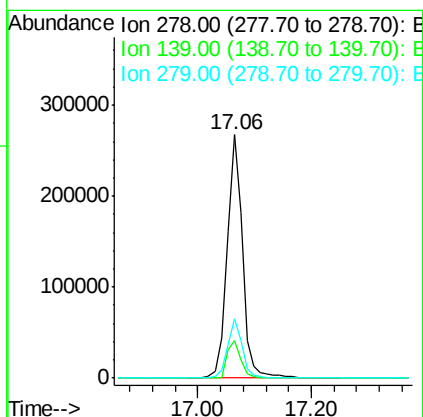
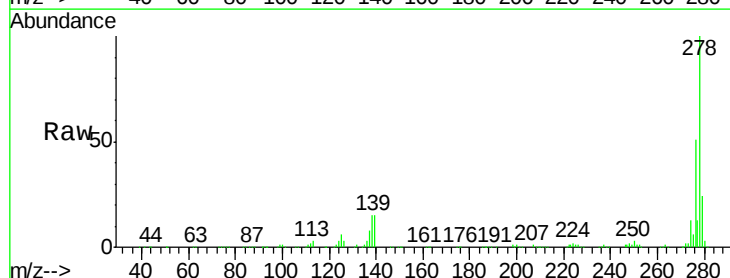
Instrument :
BNA_F
ClientSampleId :
PB85767BSD

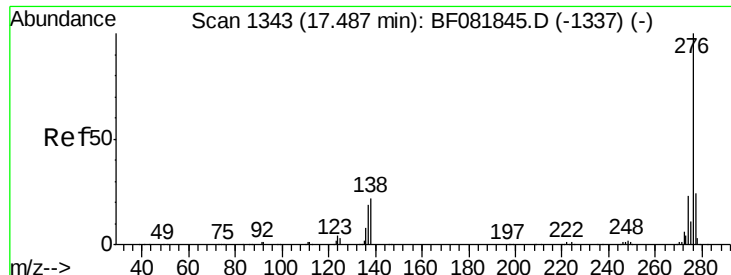
Tgt Ion: 252 Resp: 660835
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 37.43 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081854.D
Acq: 28 Sep 2015 20:45

Tgt Ion: 278 Resp: 511320
Ion Ratio Lower Upper
278 100
139 15.3 26.3 39.5#
279 24.2 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 37.48 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF081854.D

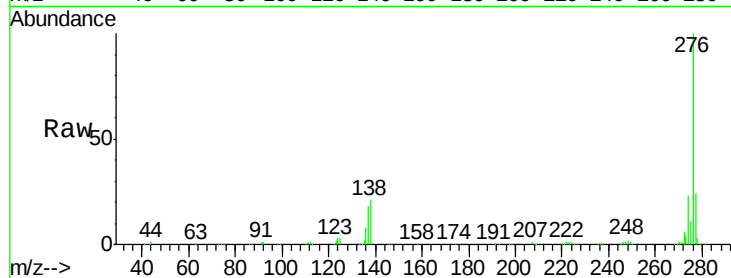
Acq: 28 Sep 2015 20:45

Instrument :

BNA_F

ClientSampleId :

PB85767BSD



Tgt Ion:	276	Resp:	524771
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.8	26.6
138	21.3	34.6	51.8#

