

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082355.D
 Acq On : 19 Oct 2015 15:02
 Operator : UM/IZ
 Sample : PB86137BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Quant Time: Oct 20 02:01:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	376523	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201122	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	378303	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	353538	20.00	ng	-0.01
86) Perylene-d12	15.67	264	306752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	605112	124.09	ng	0.01
7) Phenol-d6	6.45	99	741288	116.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	479501	85.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	208183	110.37	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1044163	86.10	ng	0.00
78) Terphenyl-d14	12.95	244	1070564	80.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	74541	30.42	ng	99
3) Pyridine	3.13	79	211810	37.17	ng	98
4) n-Nitrosodimethylamine	3.10	42	87956	36.39	ng	94
6) Aniline	6.47	93	190368	23.27	ng	# 80
8) 2-Chlorophenol	6.58	128	222344	37.35	ng	# 77
9) Benzaldehyde	6.34	77	49875	15.39	ng	88
10) Phenol	6.46	94	246083	33.63	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	225405	36.43	ng	96
12) 1,3-Dichlorobenzene	6.74	146	264183	38.11	ng	97
13) 1,4-Dichlorobenzene	6.82	146	267183	36.90	ng	97
14) 1,2-Dichlorobenzene	6.97	146	258641	37.62	ng	95
15) Benzyl Alcohol	6.95	79	175818	40.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	310589	36.05	ng	98
17) 2-Methylphenol	7.07	107	186174	39.55	ng	98
18) Hexachloroethane	7.31	117	93177	37.60	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	153303	34.40	ng	# 88
20) 3+4-Methylphenols	7.22	107	225772	40.25	ng	97
22) Acetophenone	7.22	105	308523	41.42	ng	# 94
24) Nitrobenzene	7.39	77	242488	39.96	ng	96
25) Isophorone	7.63	82	443065	39.15	ng	98
26) 2-Nitrophenol	7.71	139	130440	43.04	ng	98
27) 2,4-Dimethylphenol	7.76	122	208024	42.61	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	283069	42.99	ng	99
29) 2,4-Dichlorophenol	7.95	162	207377	42.49	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	221155	39.31	ng	99
31) Naphthalene	8.11	128	658269	40.33	ng	100
32) Benzoic acid	7.89	122	124290	37.93	ng	98
33) 4-Chloroaniline	8.17	127	127423	18.80	ng	99
34) Hexachlorobutadiene	8.23	225	133257	38.02	ng	98
35) Caprolactam	8.55	113	63239	44.65	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	213521	44.74	ng	96
37) 2-Methylnaphthalene	8.81	142	482212	42.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216969	36.27	ng	98
40) Hexachlorocyclopentadiene	8.96	237	183442	62.62	ng	99

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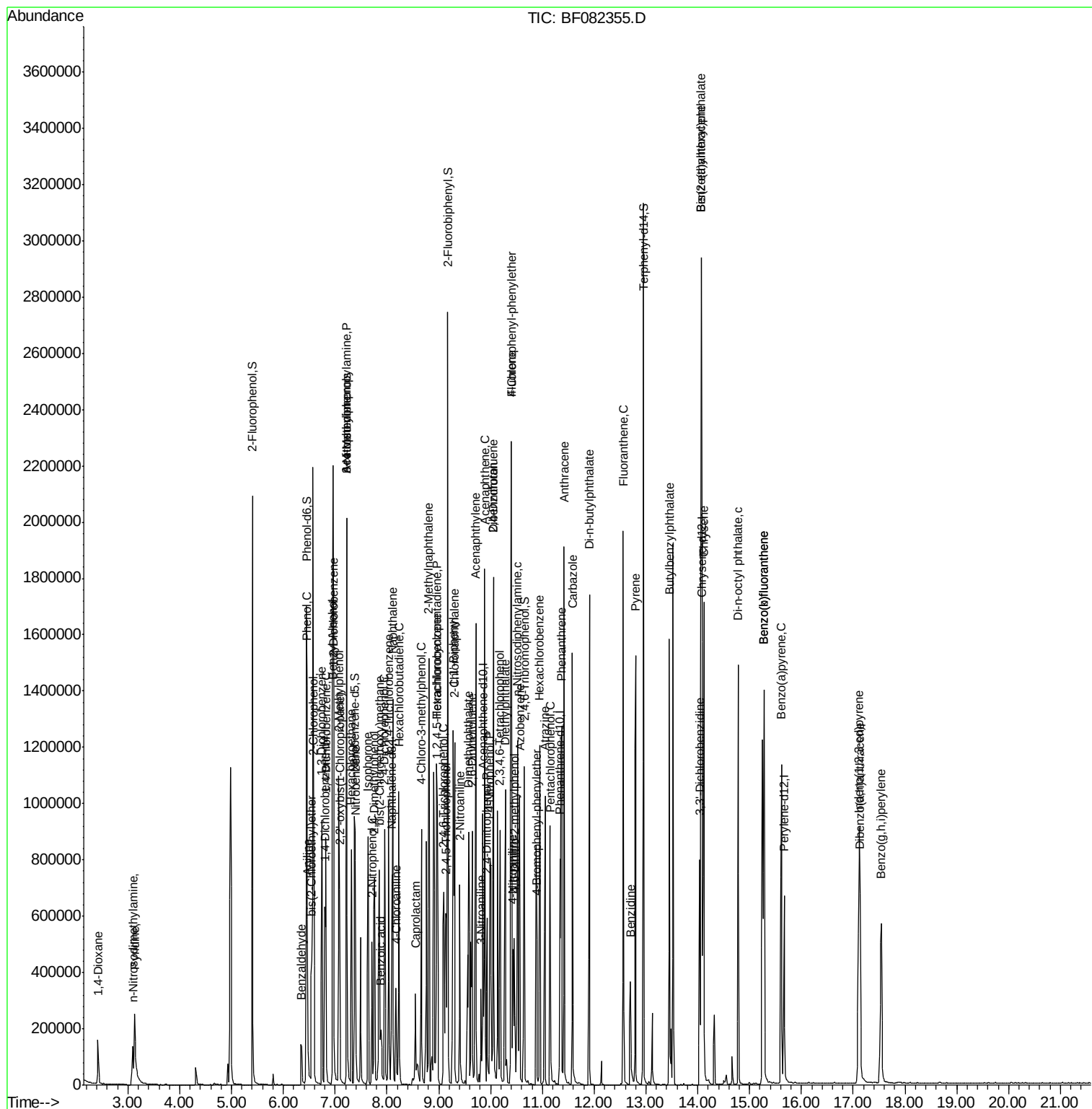
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	145820	36.70	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	166870	38.77	nq	# 95
45) 1,1'-Biphenyl	9.28	154	592921	38.66	nq	95
46) 2-Chloronaphthalene	9.30	162	468955	38.84	nq	98
47) 2-Nitroaniline	9.41	65	142926	43.12	nq	# 77
48) Acenaphthylene	9.71	152	711532	37.83	nq	100
49) Dimethylphthalate	9.58	163	548736	38.75	nq	99
50) 2,6-Dinitrotoluene	9.65	165	115450	38.63	nq	# 79
51) Acenaphthene	9.89	154	416611	36.90	nq	99
52) 3-Nitroaniline	9.82	138	76001	22.52	nq	100
53) 2,4-Dinitrophenol	9.93	184	132381	79.33	nq	90
54) Dibenzofuran	10.06	168	613469	39.58	nq	97
55) 4-Nitrophenol	9.99	139	152541	69.17	nq	87
56) 2,4-Dinitrotoluene	10.06	165	161016	43.11	nq	92
57) Fluorene	10.40	166	493337	38.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	139361	39.63	nq	98
59) Diethylphthalate	10.29	149	553199	41.90	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	245387	42.08	nq	# 81
61) 4-Nitroaniline	10.43	138	120160	36.70	nq	92
62) Azobenzene	10.56	77	528650	40.92	nq	85
64) 4,6-Dinitro-2-methylphenol	10.46	198	83530	39.35	nq	# 47
65) n-Nitrosodiphenylamine	10.51	169	448111	39.56	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	143619	37.93	nq	# 82
67) Hexachlorobenzene	10.95	284	160744	39.26	nq	# 76
68) Atrazine	11.05	200	164693	45.90	nq	97
69) Pentachlorophenol	11.15	266	172008	81.64	nq	97
70) Phenanthrene	11.37	178	797360	43.00	nq	99
71) Anthracene	11.42	178	790765	41.38	nq	99
72) Carbazole	11.58	167	699319	40.12	nq	99
73) Di-n-butylphthalate	11.91	149	922703	42.91	nq	99
74) Fluoranthene	12.56	202	820405	41.19	nq	98
76) Benzidine	12.70	184	266283	25.99	nq	98
77) Pyrene	12.80	202	897180	42.76	nq	99
79) Butylbenzylphthalate	13.45	149	396357	41.40	nq	96
80) Benzo(a)anthracene	14.07	228	726910	39.52	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	196240	28.11	nq	100
82) Chrysene	14.12	228	726163	37.47	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	554451	40.59	nq	100
84) Di-n-octyl phthalate	14.78	149	911689	38.86	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	608027	39.47	nq	98
87) Benzo(b)fluoranthene	15.28	252	1349836	72.33	nq	98
88) Benzo(k)fluoranthene	15.28	252	1352058	86.19	nq	99
89) Benzo(a)pyrene	15.61	252	639601	39.88	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	513385	39.06	nq	97
91) Benzo(g,h,i)perylene	17.54	276	490581	38.42	nq	99

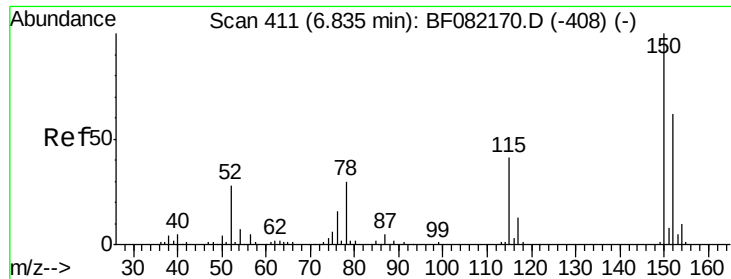
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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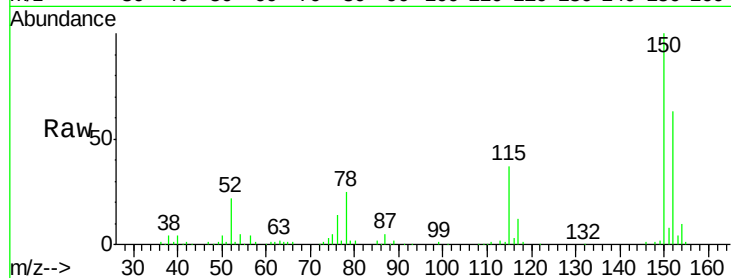


#1

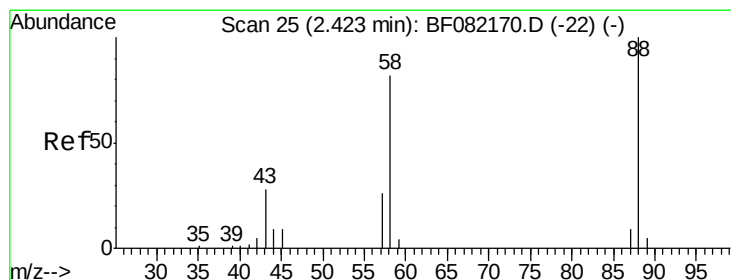
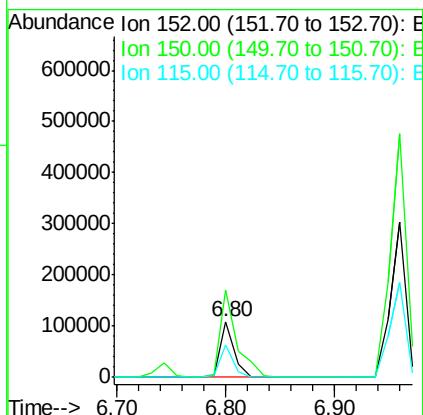
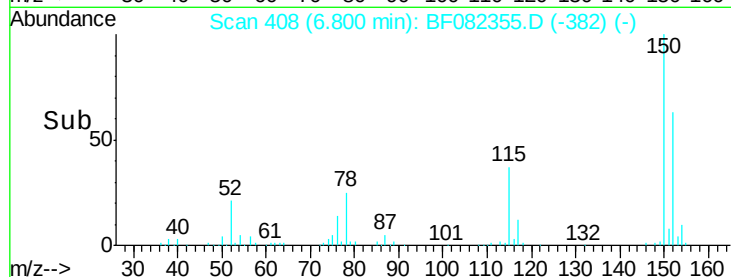
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:152 Resp: 98417
Ion Ratio Lower Upper
152 100
150 157.8 129.0 193.4
115 58.3 52.1 78.1



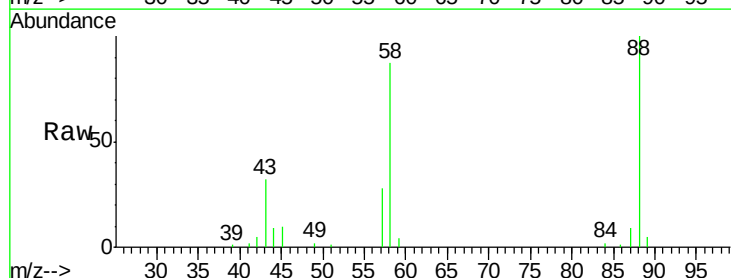
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



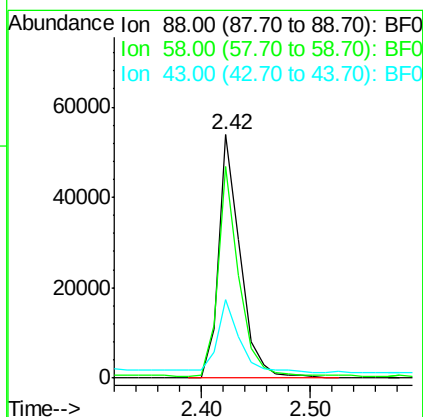
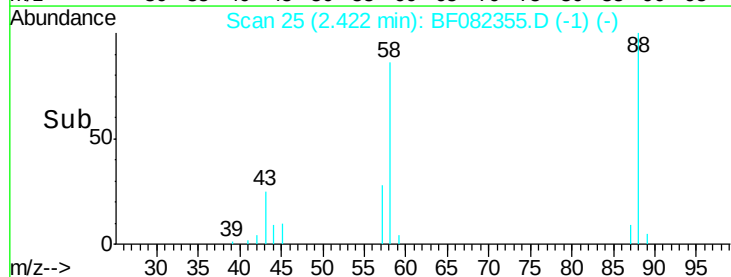
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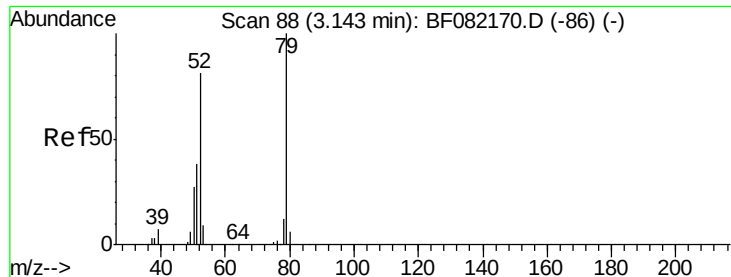
1,4-Dioxane
Concen: 30.42 ng
RT: 2.42 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion: 88 Resp: 74541
Ion Ratio Lower Upper
88 100
58 83.2 66.2 99.4
43 30.2 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.17 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

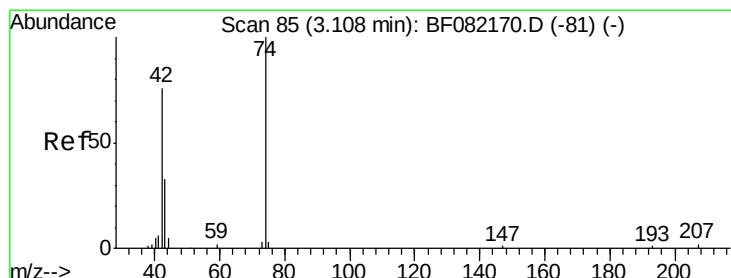
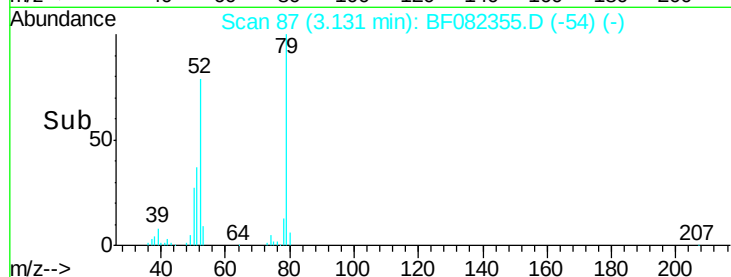
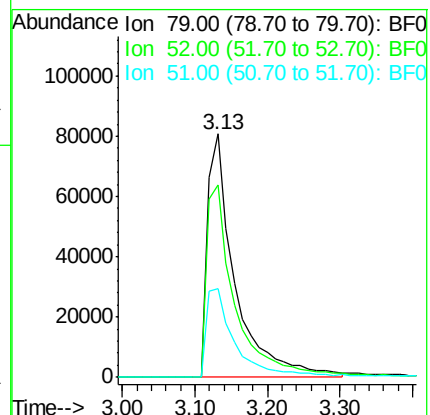
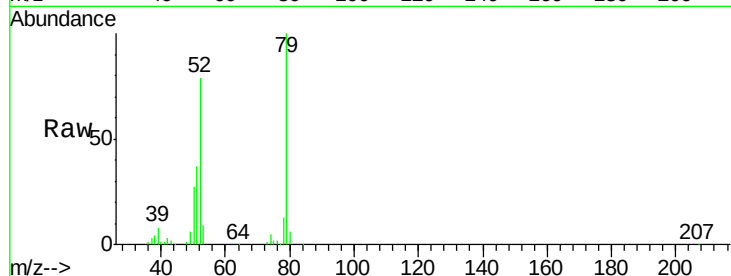
Tot Ion: 79 Resp: 211810

Ion Ratio Lower Upper

79 100

52 79.1 64.4 96.6

51 36.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 36.39 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

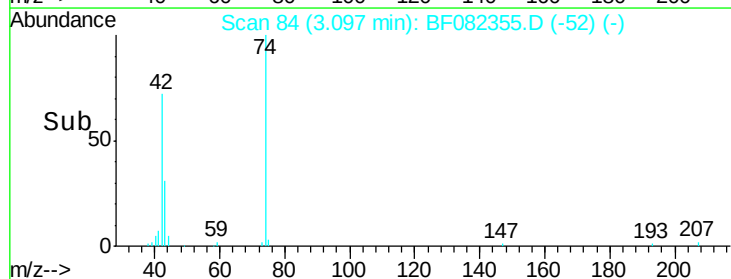
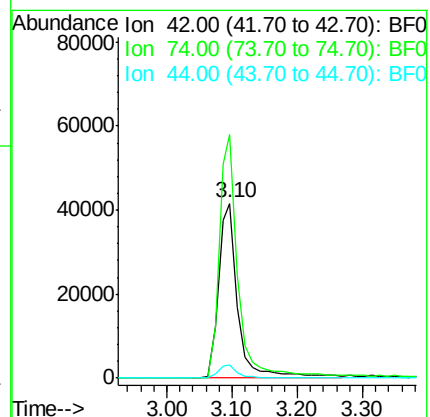
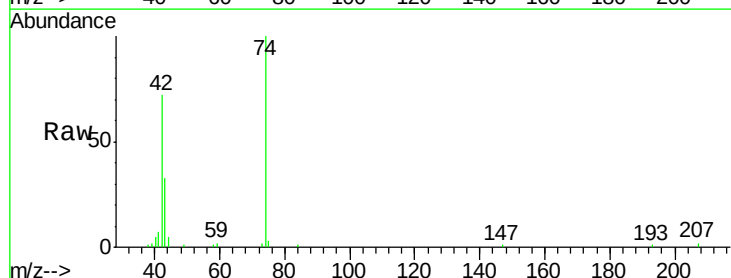
Tgt Ion: 42 Resp: 87956

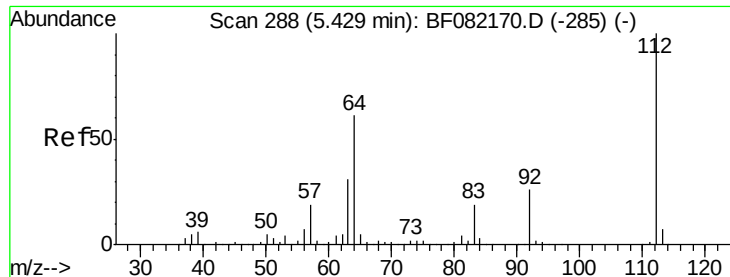
Ion Ratio Lower Upper

42 100

74 139.3 105.7 158.5

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 124.09 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

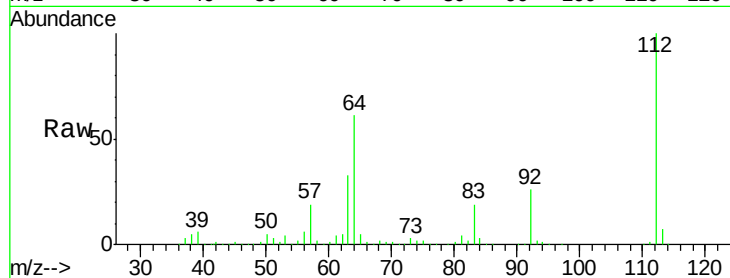
Instrument :

BNA_F

ClientSampleId :

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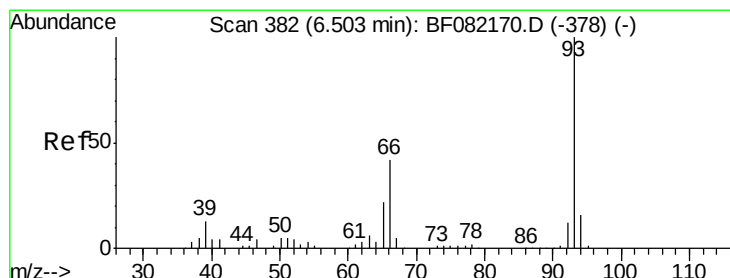
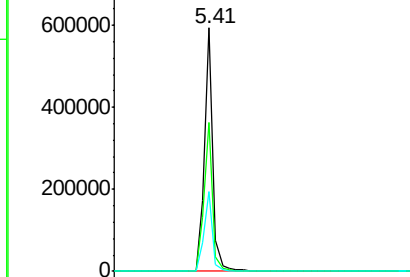
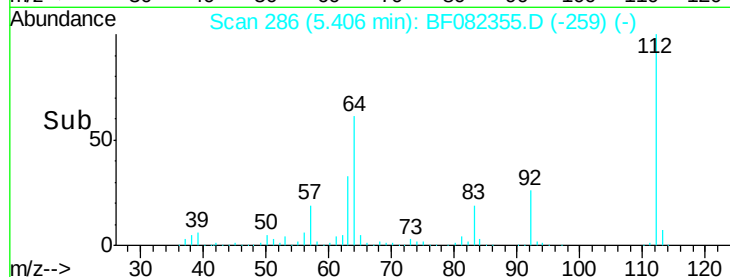
Tot Ion:	112	Resp:	605112
Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.6	73.0
63	32.5	25.1	37.7



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

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

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



#6

Aniline

Concen: 23.27 ng

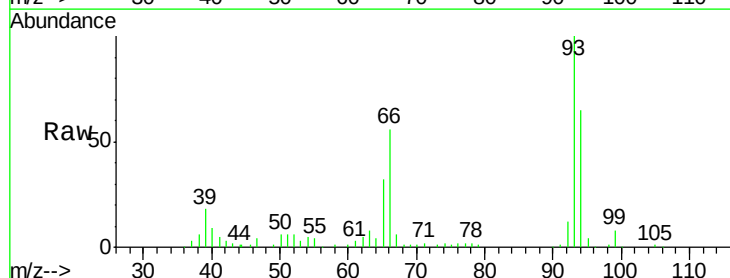
RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

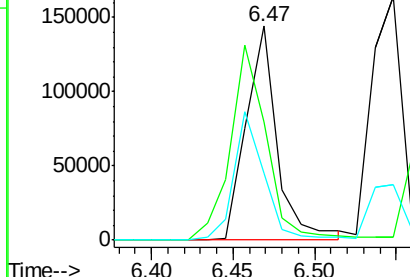
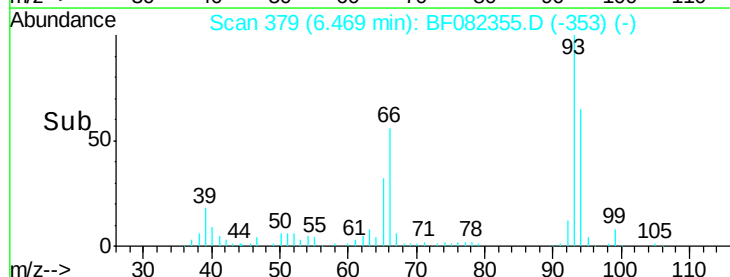
Tgt Ion:	93	Resp:	190368
Ion	Ratio	Lower	Upper
93	100		
66	55.6	34.2	51.2#
65	31.6	17.9	26.9#

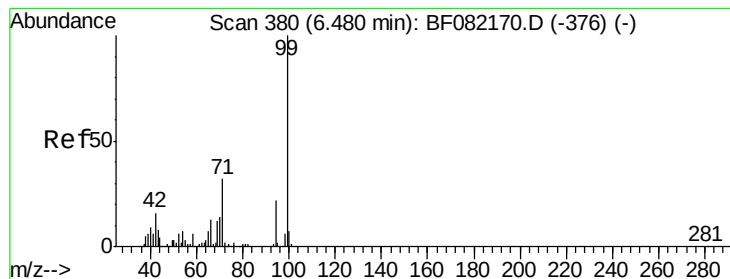


Abundance Ion 93.00 (92.70 to 93.70): BF082170.D (-378) (-)

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

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





#7

Phenol-d6

Concen: 116.81 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082355.D

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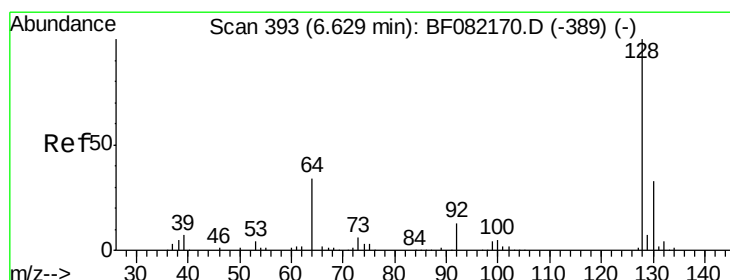
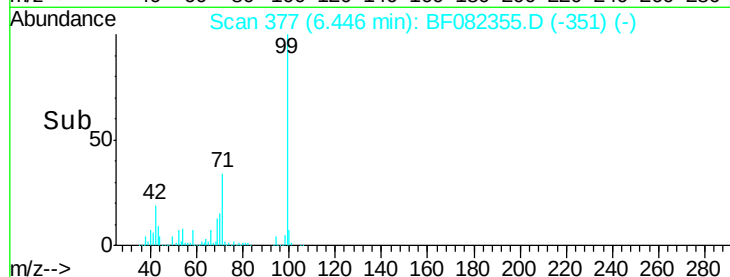
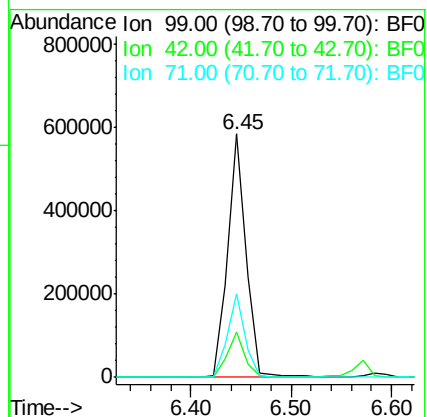
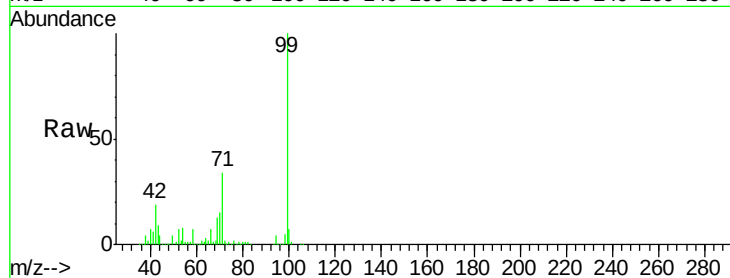
Tot Ion: 99 Resp: 741288

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 34.1 25.6 38.4



#8

2-Chlorophenol

Concen: 37.35 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

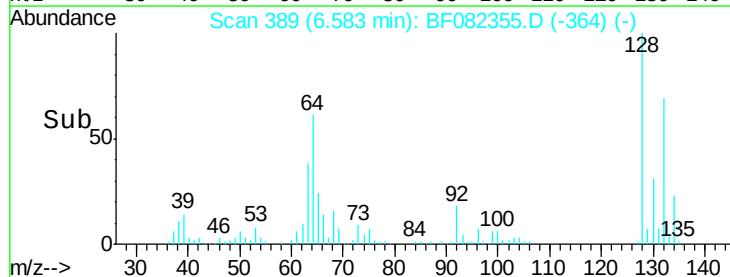
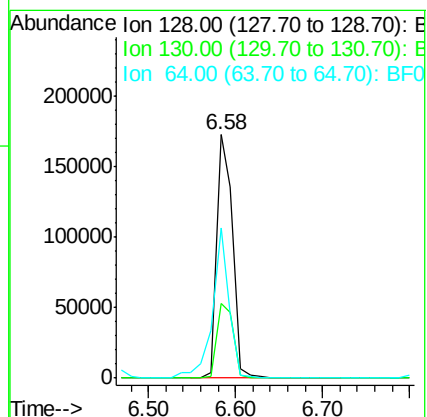
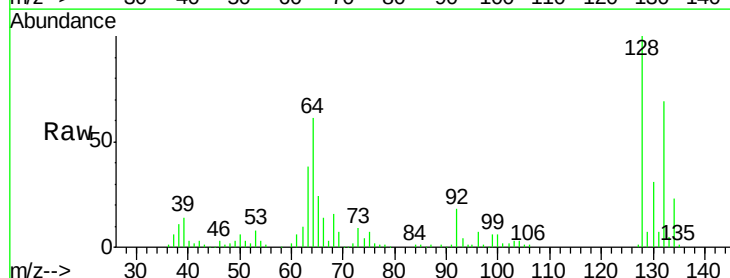
Tgt Ion: 128 Resp: 222344

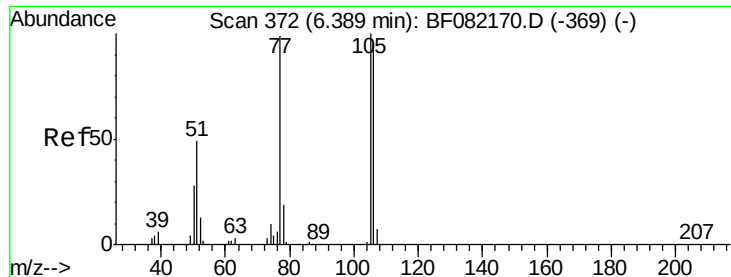
Ion Ratio Lower Upper

128 100

130 30.9 12.6 52.6

64 61.4 16.7 56.7#





#9

Benzaldehyde

Concen: 15.39 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

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PB86137BS

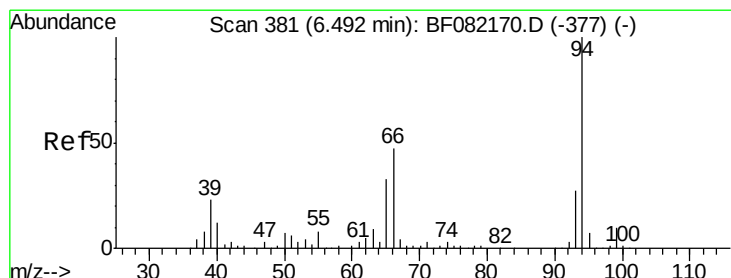
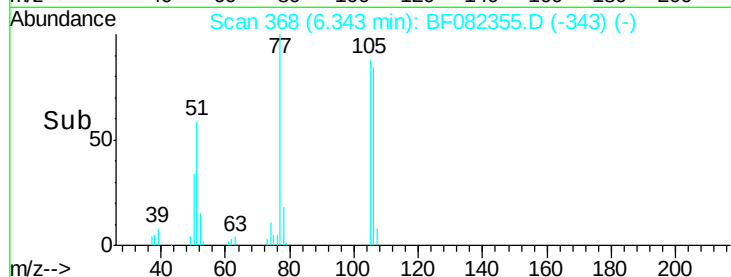
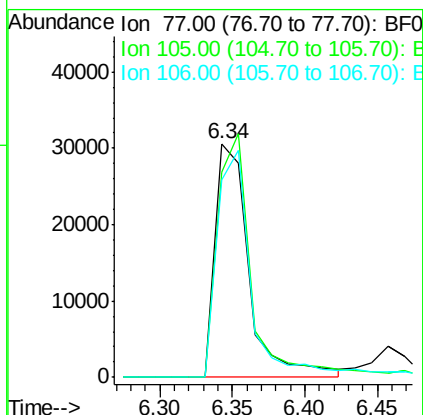
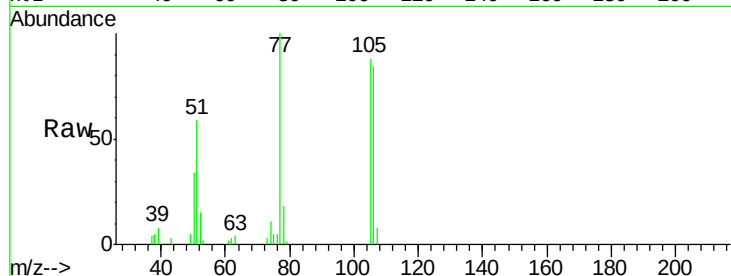
Tot Ion: 77 Resp: 49875

Ion Ratio Lower Upper

77 100

105 88.1 80.6 120.6

106 84.4 75.5 115.5



#10

Phenol

Concen: 33.63 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

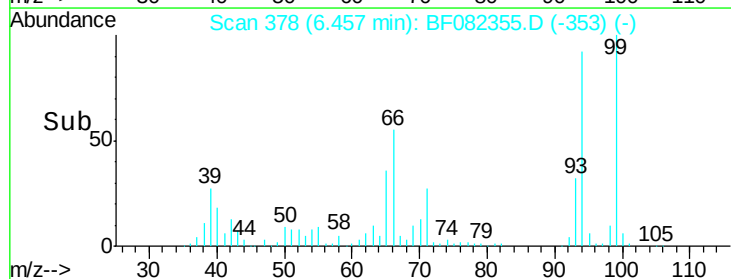
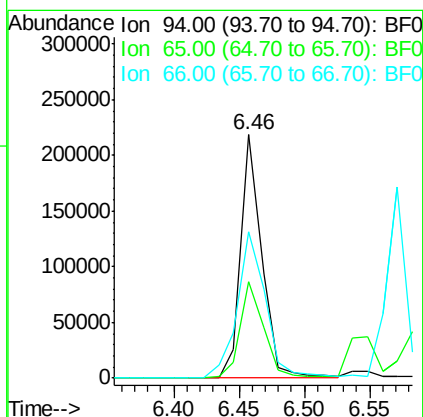
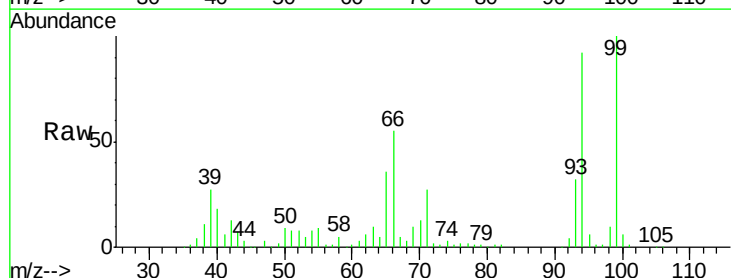
Tgt Ion: 94 Resp: 246083

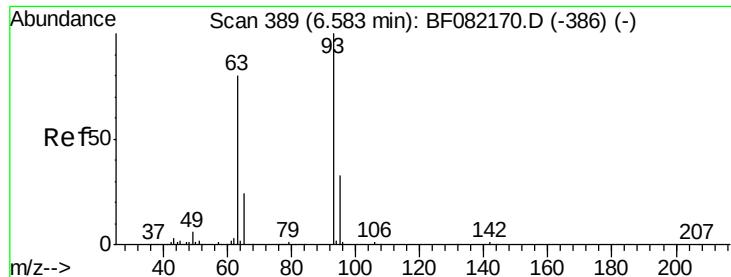
Ion Ratio Lower Upper

94 100

65 39.6 12.6 52.6

66 60.0 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.43 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

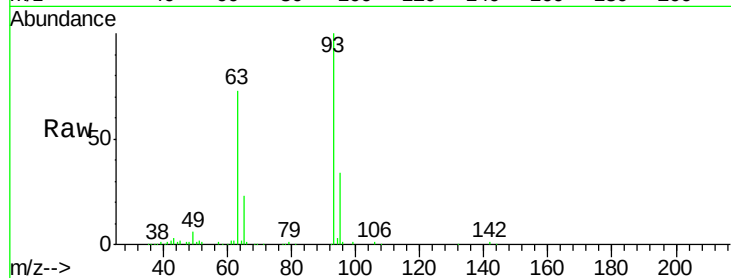
Tot Ion: 93 Resp: 225405

Ion Ratio Lower Upper

93 100

63 73.2 57.1 97.1

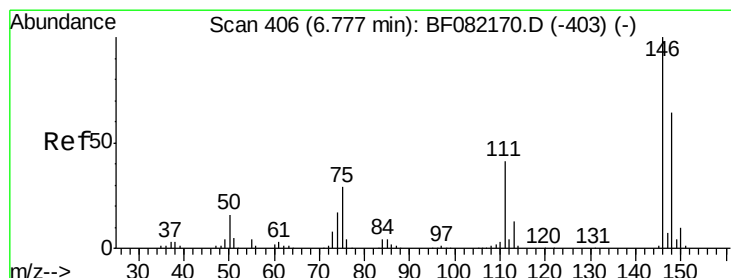
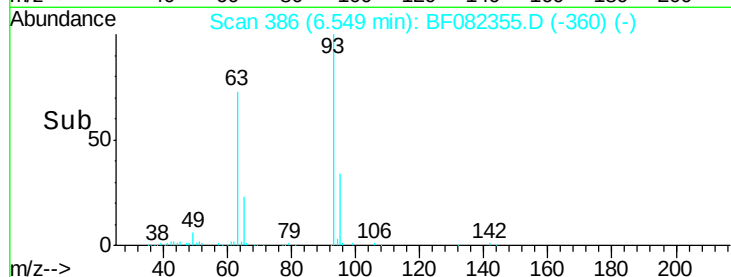
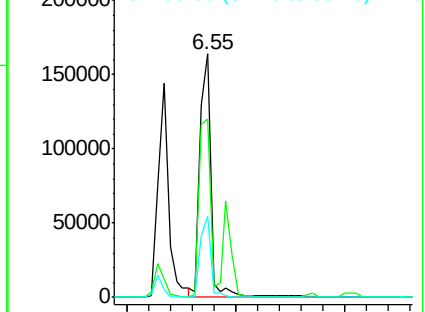
95 33.5 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.11 ng

RT: 6.74 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

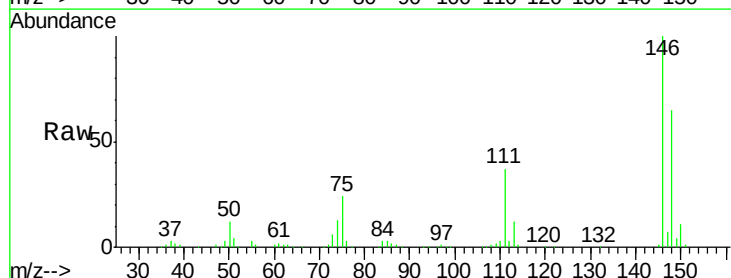
Tgt Ion: 146 Resp: 264183

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

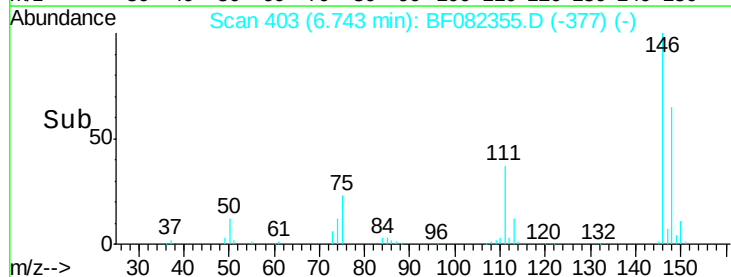
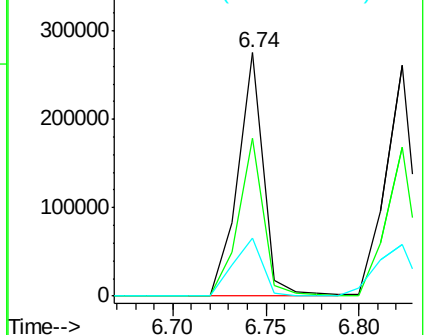
75 23.6 23.0 34.6

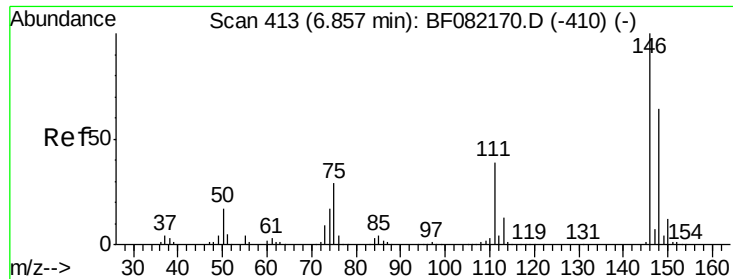


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 36.90 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

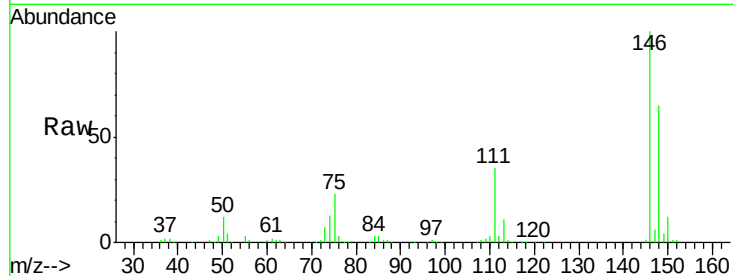
Tot Ion:146 Resp: 267183

Ion Ratio Lower Upper

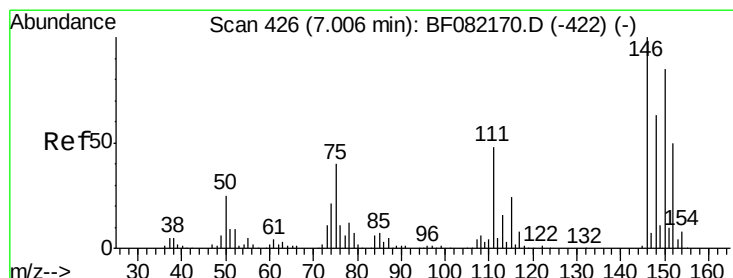
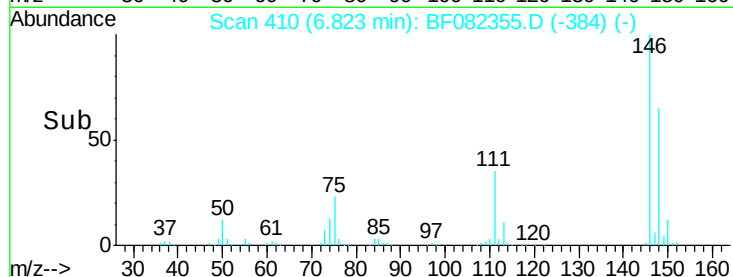
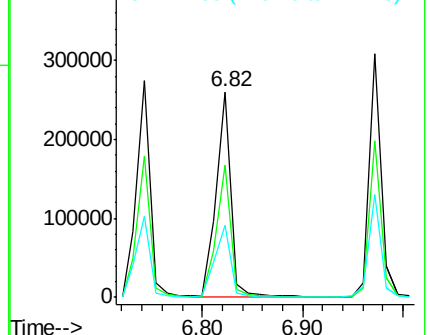
146 100

148 64.6 51.0 76.4

111 35.2 31.1 46.7



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



#14

1,2-Dichlorobenzene

Concen: 37.62 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

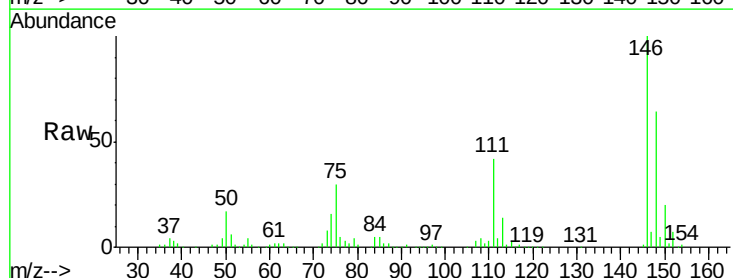
Tgt Ion:146 Resp: 258641

Ion Ratio Lower Upper

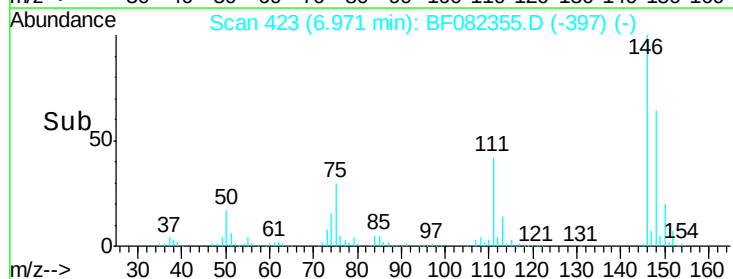
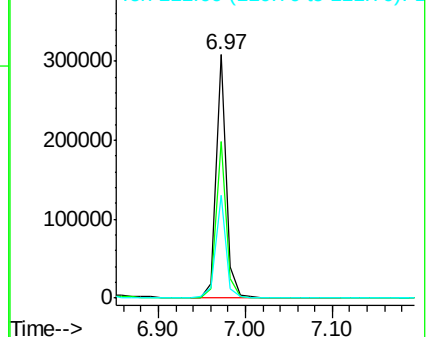
146 100

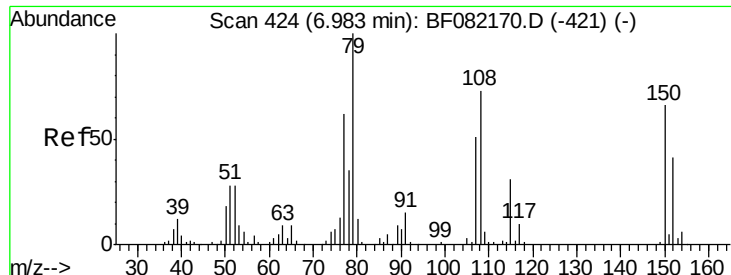
148 64.5 50.5 75.7

111 42.2 38.5 57.7



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

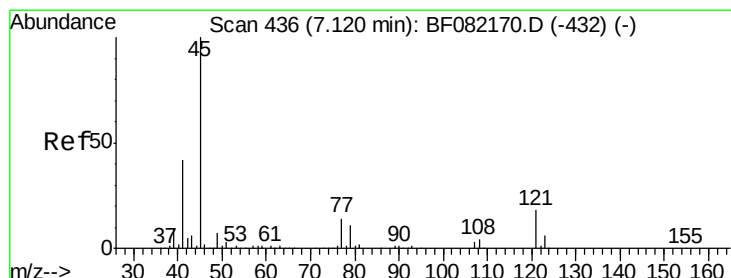
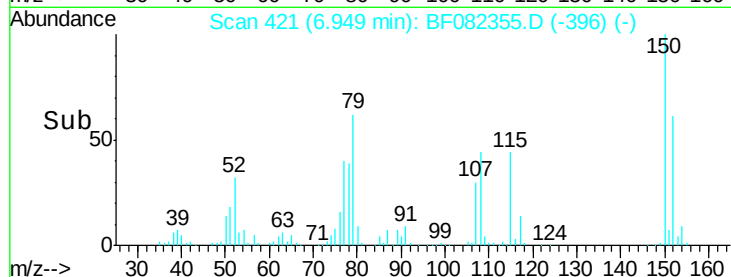
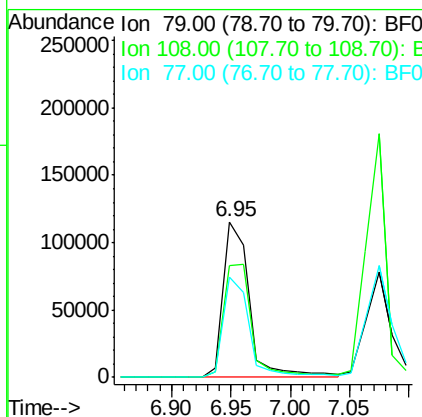
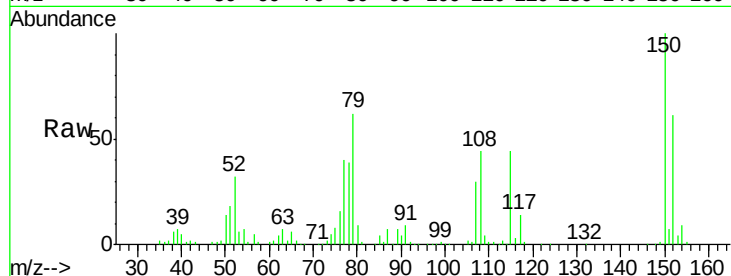




#15
Benzyl Alcohol
Concen: 40.13 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

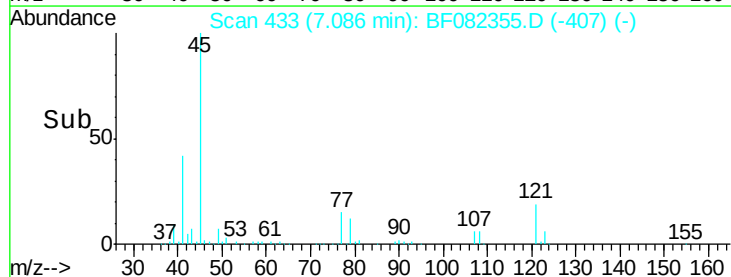
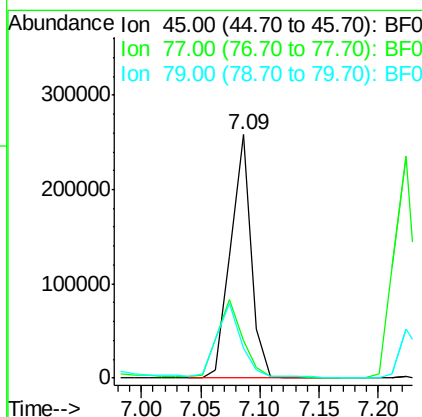
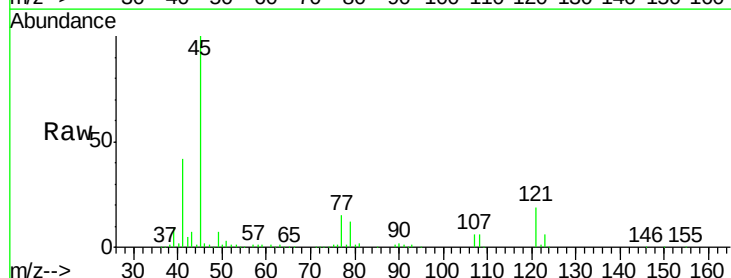
Instrument :
BNA_F
ClientSampleID :
PB86137BS

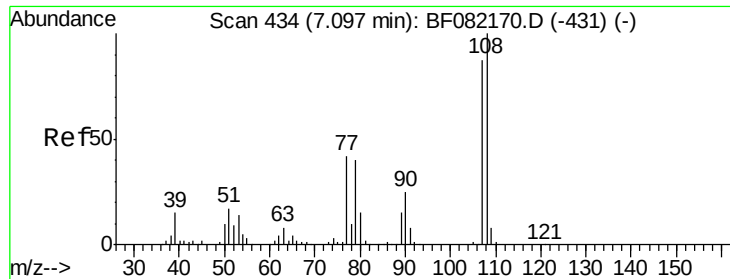
Tot Ion: 79 Resp: 175818
Ion Ratio Lower Upper
79 100
108 71.6 58.4 87.6
77 64.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.05 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion: 45 Resp: 310589
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.5
79 12.3 0.0 31.6





#17

2-Methylphenol

Concen: 39.55 ng

RT: 7.07 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

Tot Ion:107 Resp: 186174

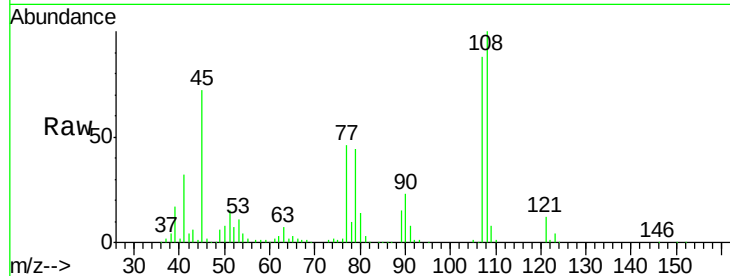
Ion Ratio Lower Upper

107 100

108 113.6 92.2 138.2

77 52.1 39.6 59.4

79 49.5 38.2 57.4

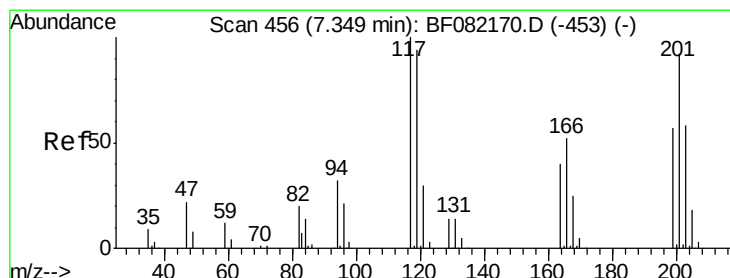
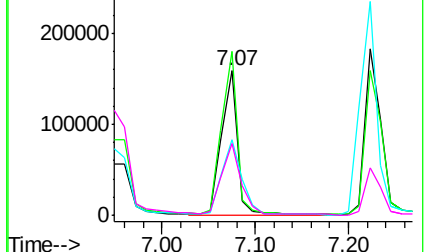
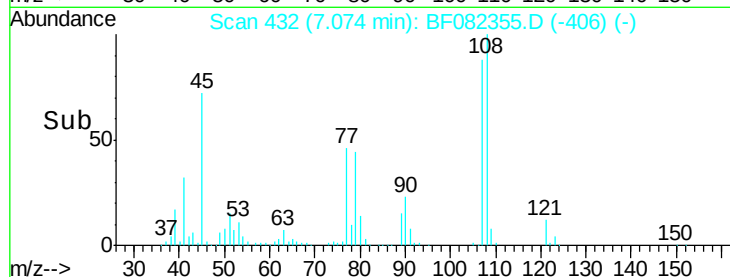


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.60 ng

RT: 7.31 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

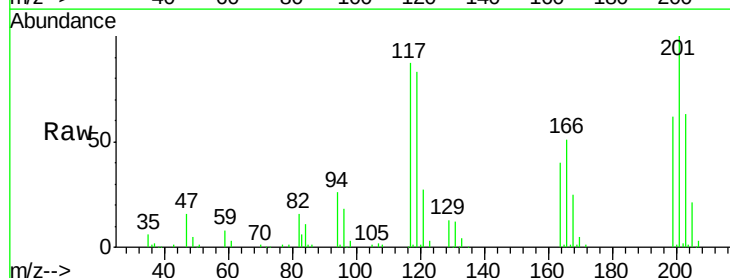
Tgt Ion:117 Resp: 93177

Ion Ratio Lower Upper

117 100

119 95.1 75.4 113.2

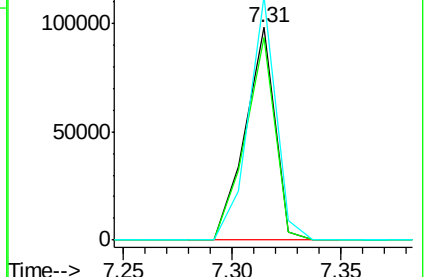
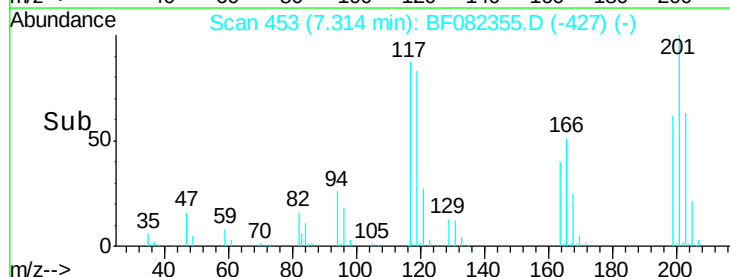
201 114.6 73.4 110.0#

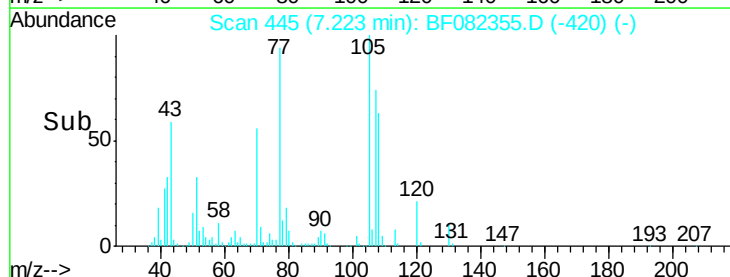
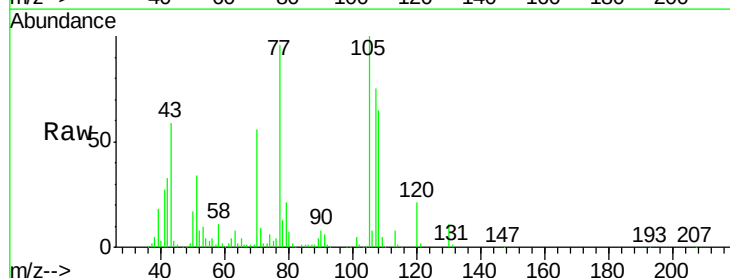
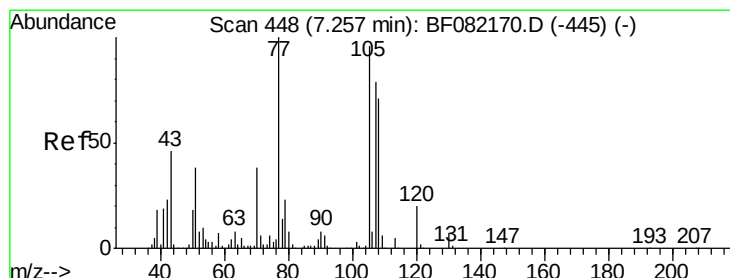
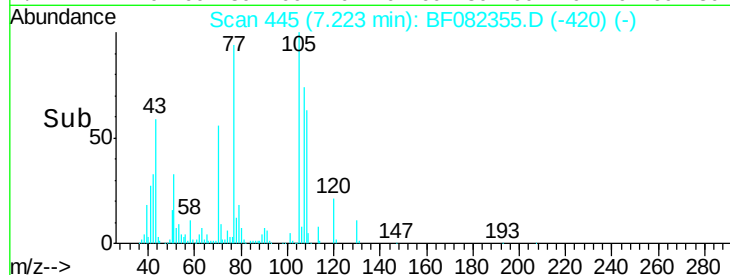
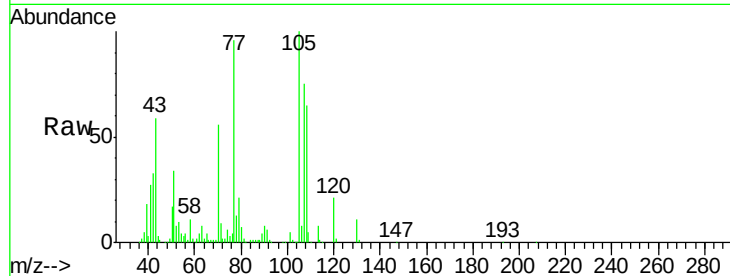
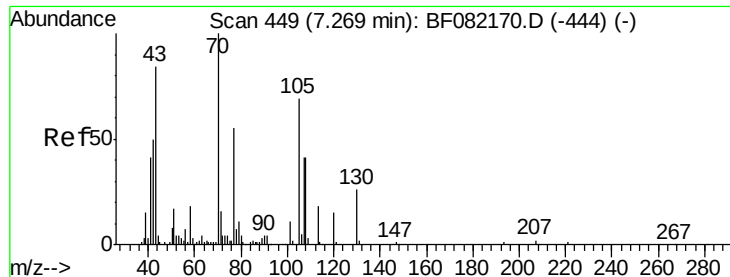


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

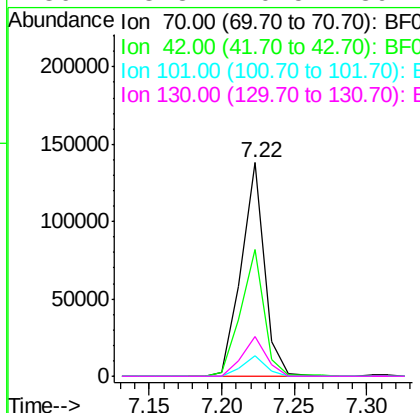




#19
n-Nitroso-di-n-propylamine
Concen: 34.40 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

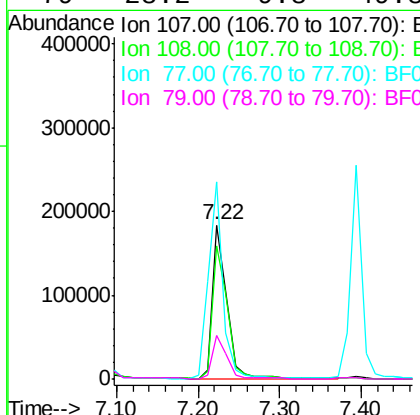
Instrument :
BNA_F
ClientSampleId :
PB86137BS

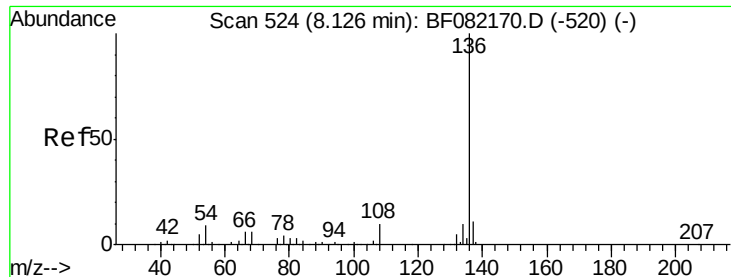
Tot Ion: 70 Resp: 153303
Ion Ratio Lower Upper
70 100
42 59.2 39.8 59.8
101 9.4 8.6 13.0
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 40.25 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:107 Resp: 225772
Ion Ratio Lower Upper
107 100
108 86.5 69.9 109.9
77 128.0 106.0 146.0
79 28.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampled :

PB86137BS

Tot Ion:136 Resp: 376523

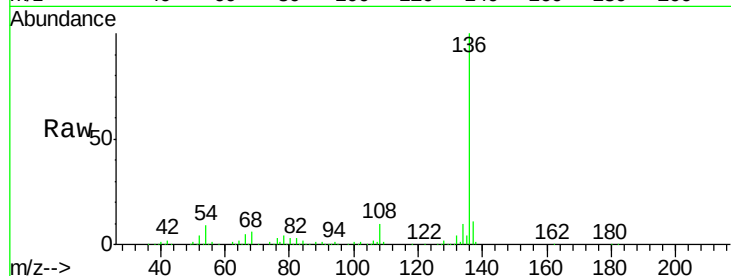
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.6 7.5 11.3

68 5.6 4.6 7.0

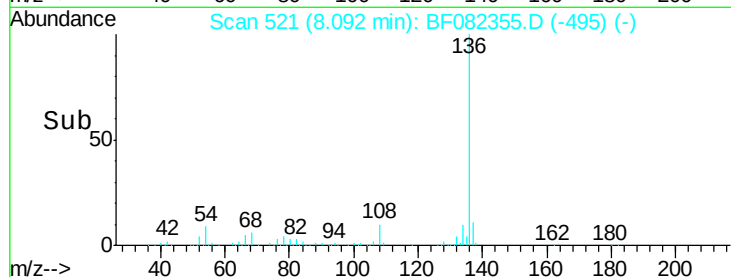


Abundance Ion 136.00 (135.70 to 136.70): E

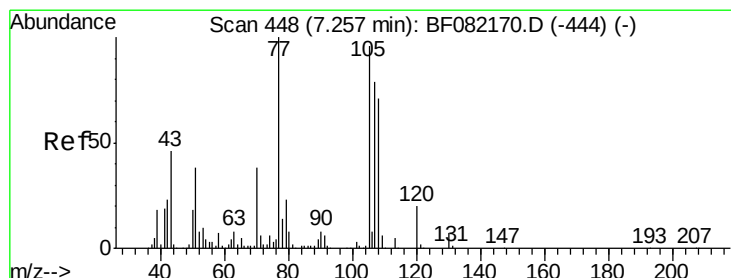
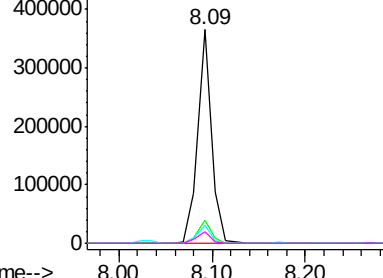
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.42 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:105 Resp: 308523

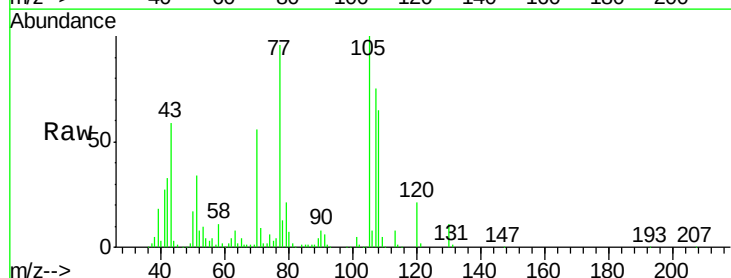
Ion Ratio Lower Upper

105 100

71 9.3 5.4 8.0#

51 34.4 31.8 47.6

120 21.0 16.3 24.5

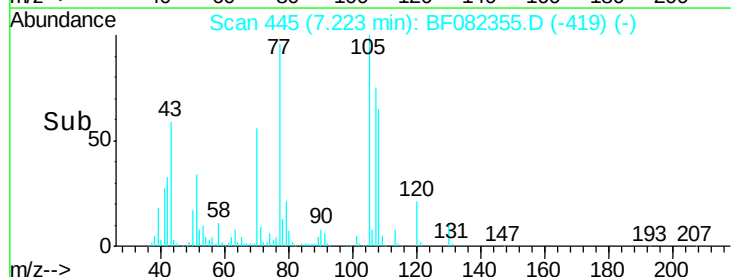


Abundance Ion 105.00 (104.70 to 105.70): E

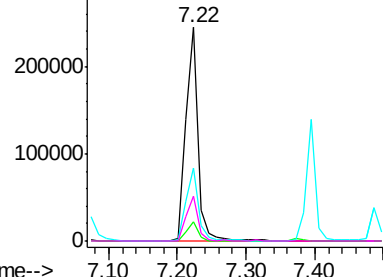
Ion 71.00 (70.70 to 71.70): BF0

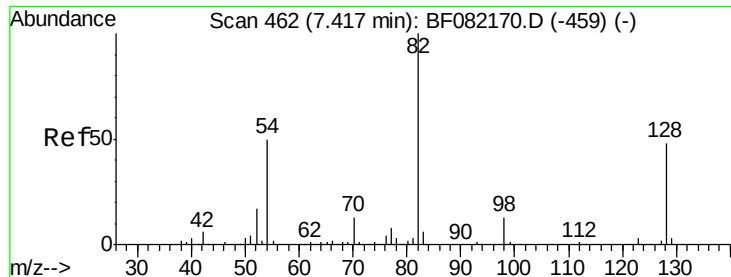
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

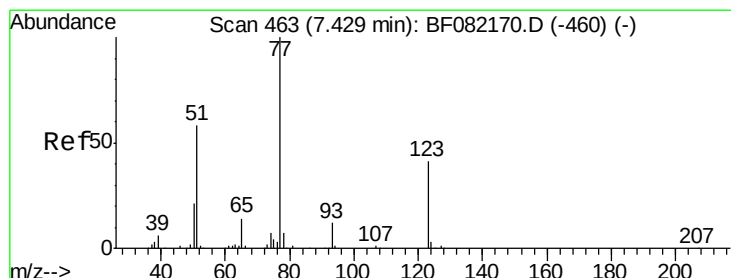
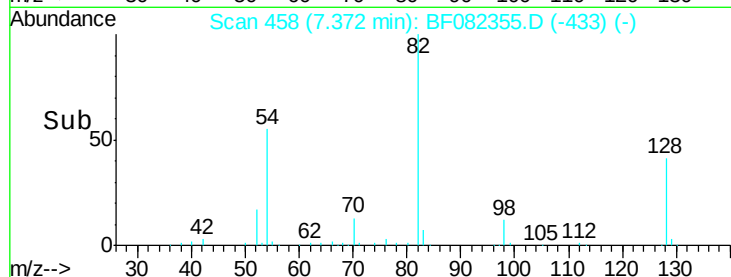
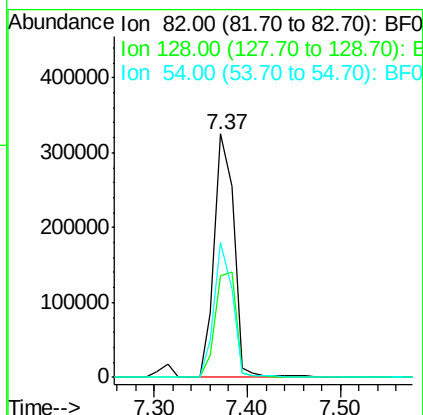
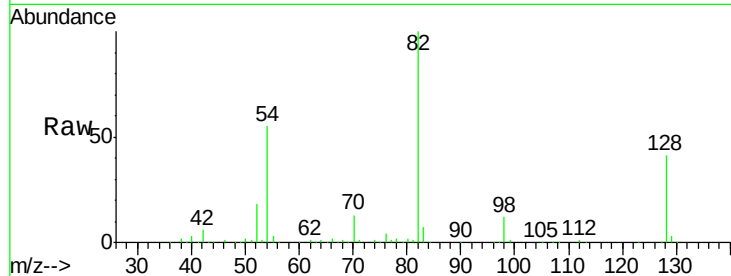




#23
 Nitrobenzene-d5
 Concen: 85.52 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

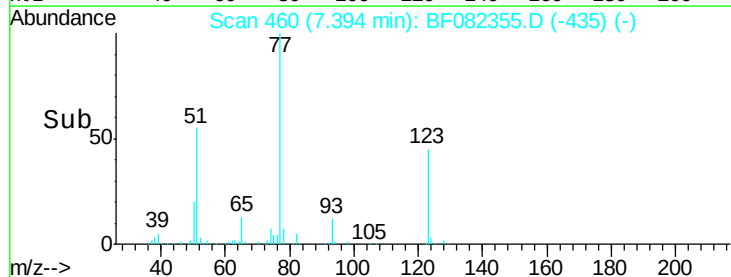
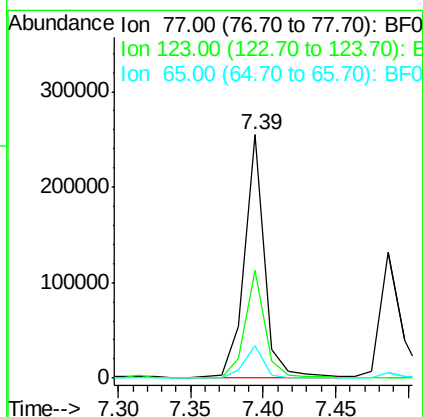
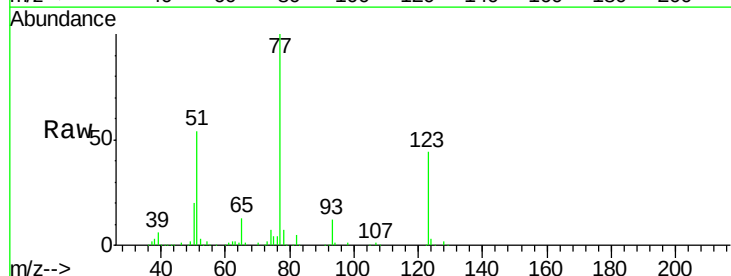
Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

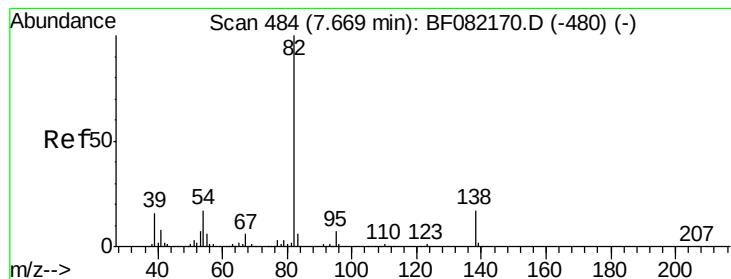
Tot Ion: 82 Resp: 479501
 Ion Ratio Lower Upper
 82 100
 128 41.5 38.7 58.1
 54 55.4 40.1 60.1



#24
 Nitrobenzene
 Concen: 39.96 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion: 77 Resp: 242488
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 39.15 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampled :

PB86137BS

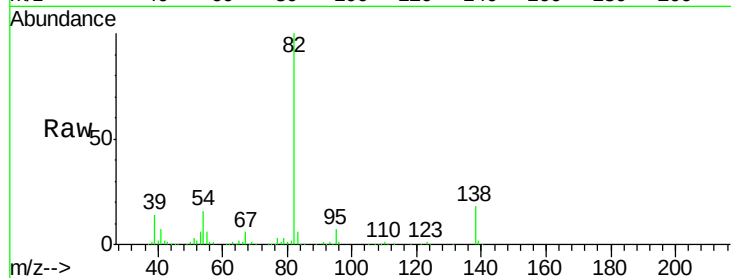
Tot Ion: 82 Resp: 443065

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

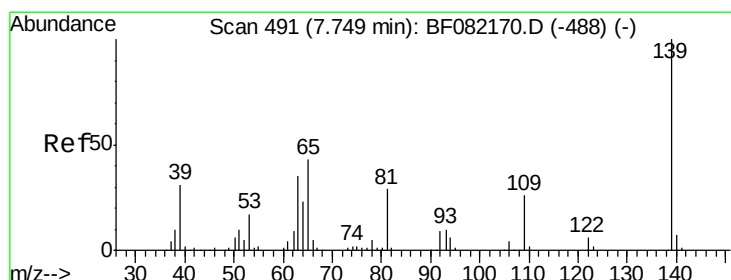
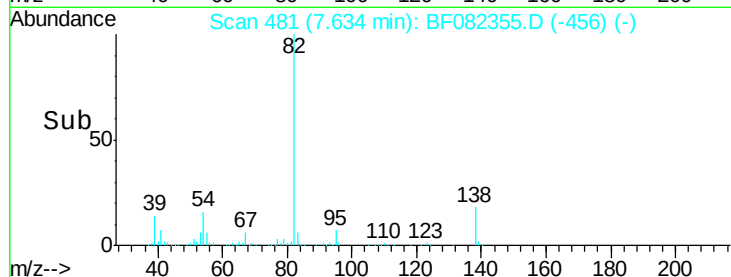
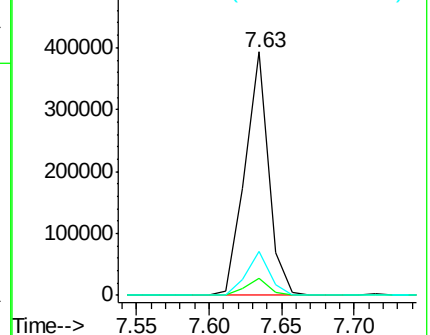
138 18.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.04 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

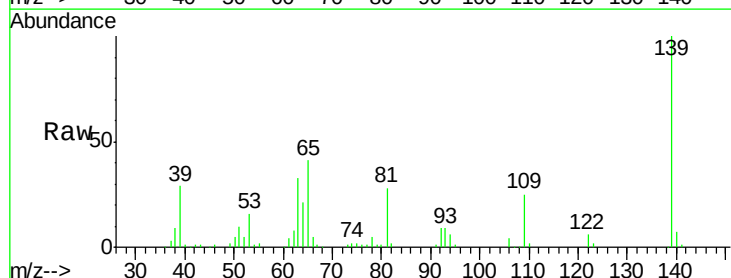
Tgt Ion: 139 Resp: 130440

Ion Ratio Lower Upper

139 100

109 25.1 20.6 31.0

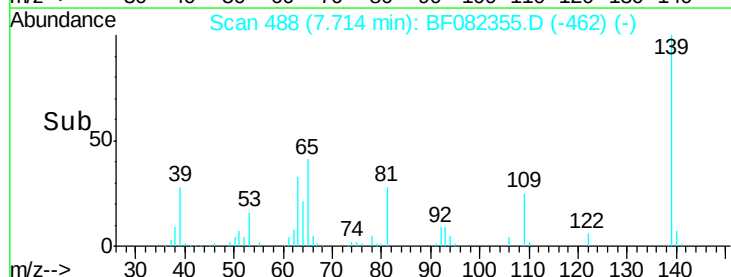
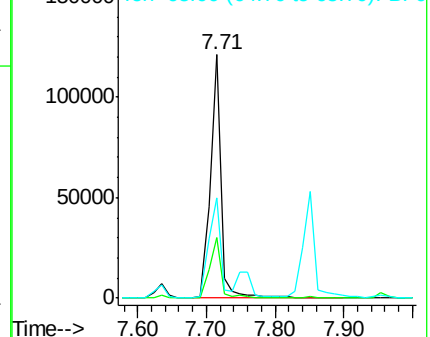
65 41.3 34.3 51.5

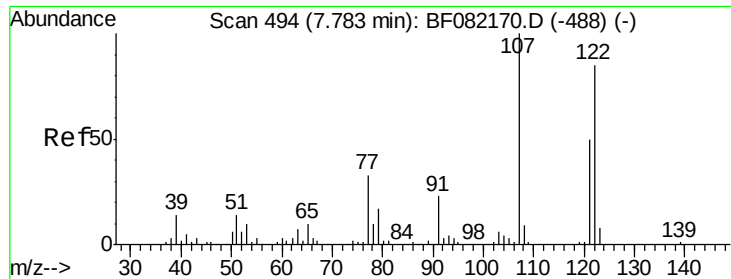


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.61 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

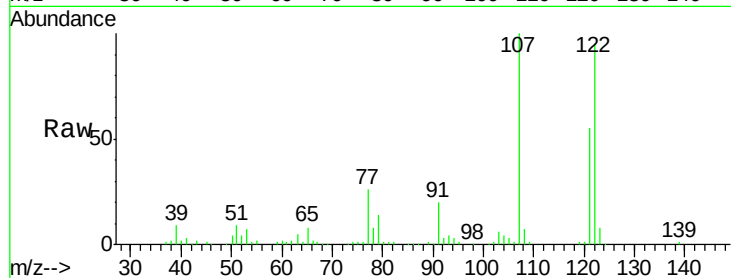
Tot Ion:122 Resp: 208024

Ion Ratio Lower Upper

122 100

107 105.1 94.0 141.0

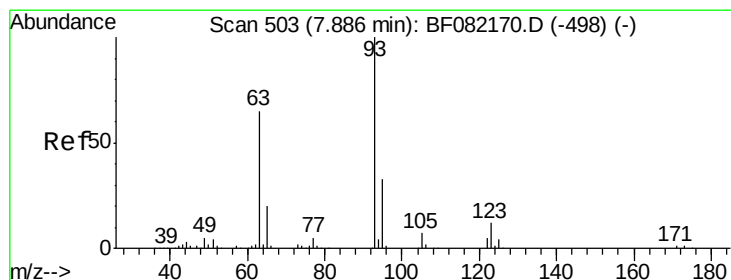
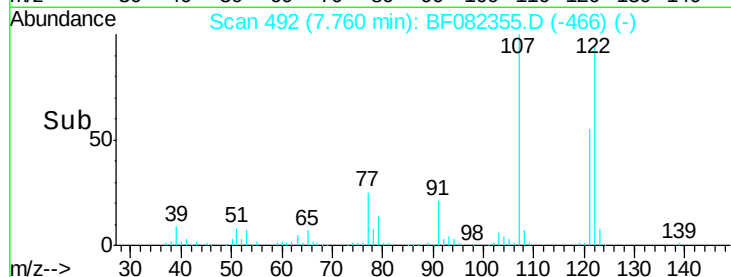
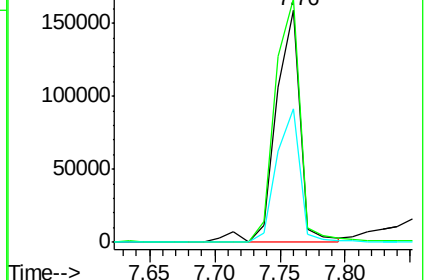
121 57.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.99 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

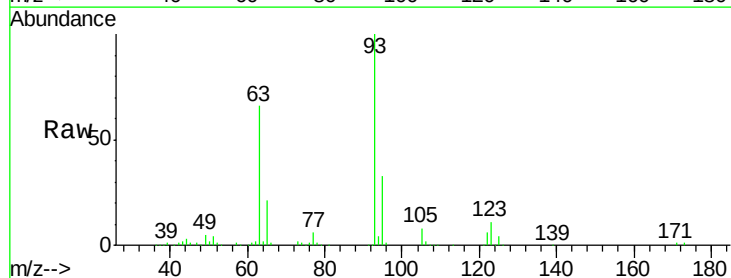
Tgt Ion: 93 Resp: 283069

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

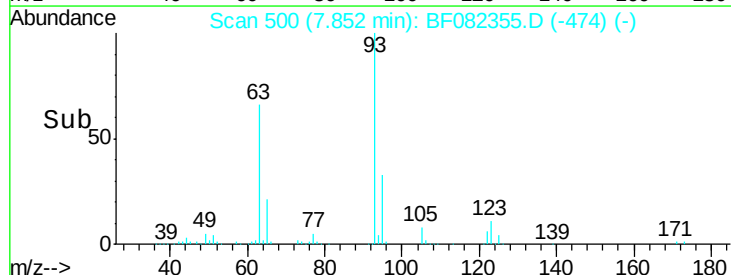
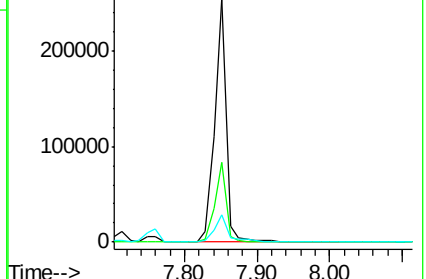
123 11.3 9.5 14.3

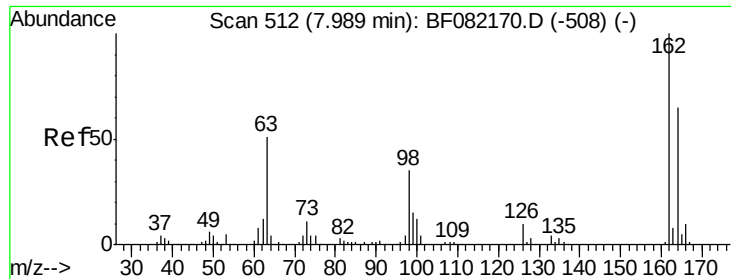


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

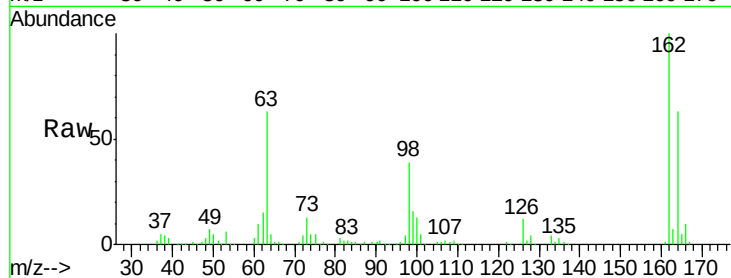




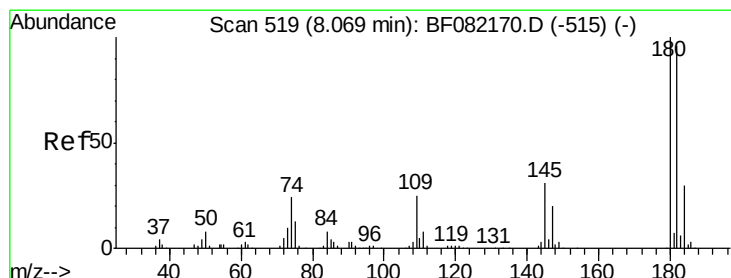
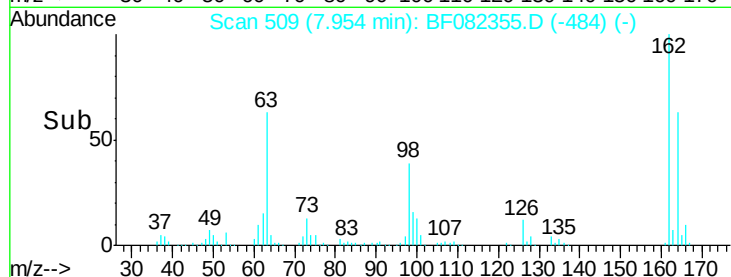
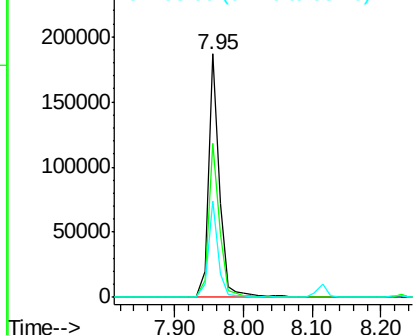
#29
 2,4-Dichlorophenol
 Concen: 42.49 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	39.5	15.0	55.0

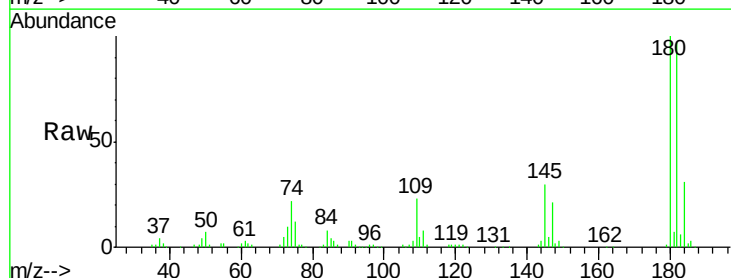


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

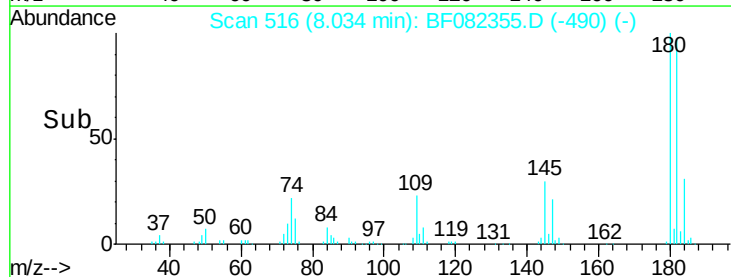
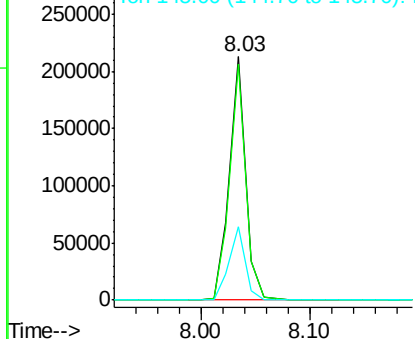


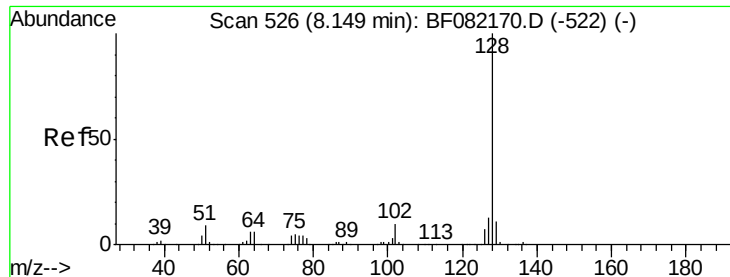
#30
 1,2,4-Trichlorobenzene
 Concen: 39.31 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.0	115.4
145	30.4	25.0	37.4



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





#31

Naphthalene

Concen: 40.33 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

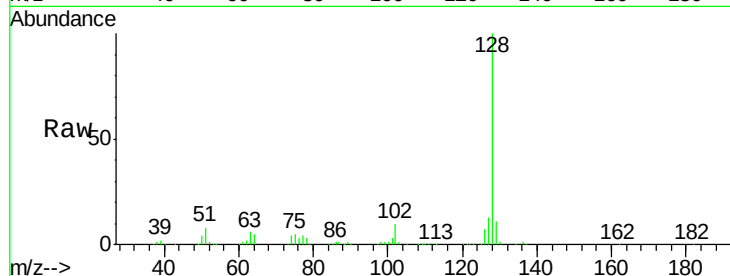
Tot Ion:128 Resp: 658269

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

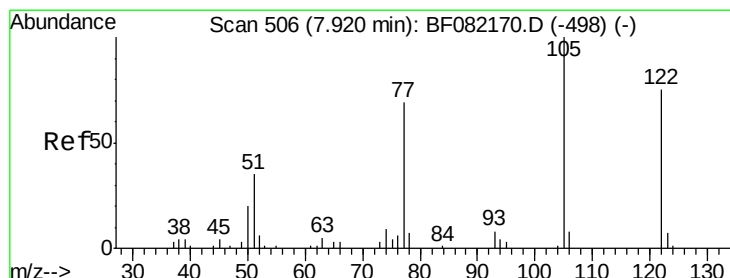
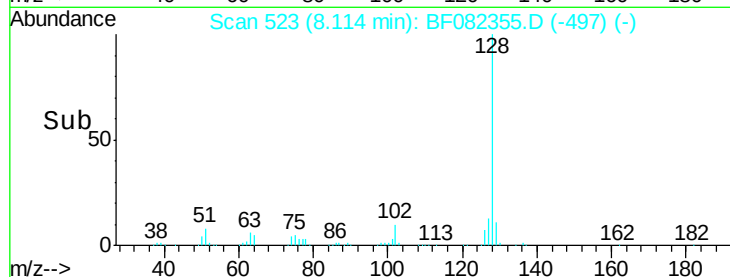
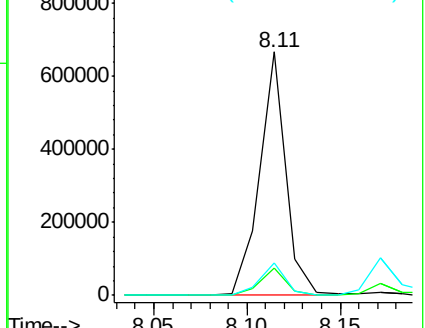
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.93 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

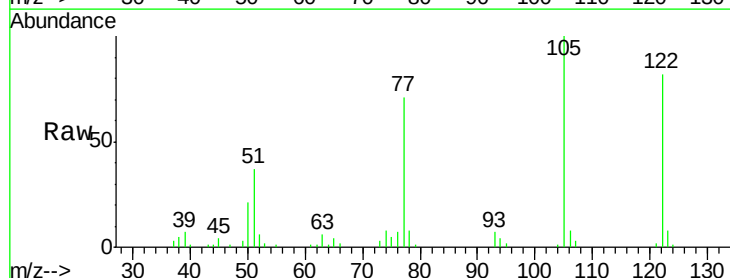
Tgt Ion:122 Resp: 124290

Ion Ratio Lower Upper

122 100

105 122.5 104.4 144.4

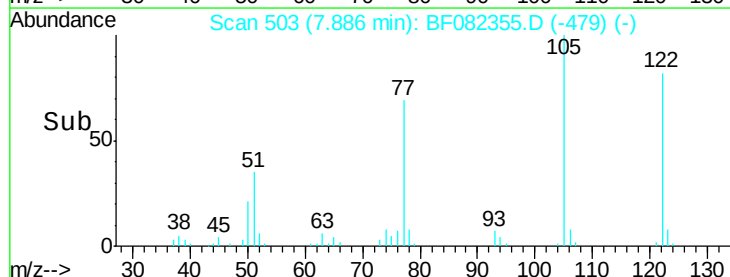
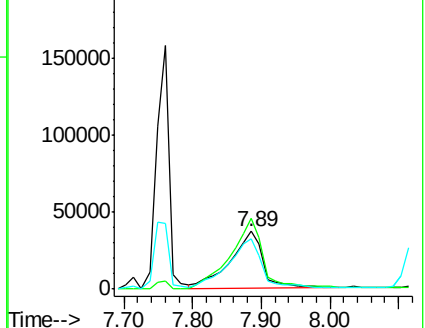
77 87.5 69.0 109.0

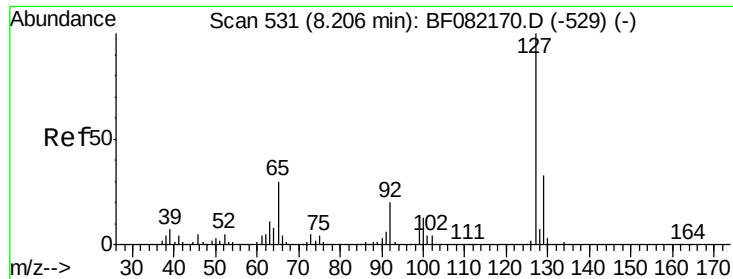


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

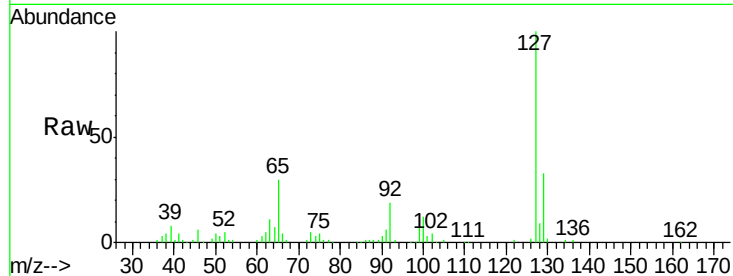




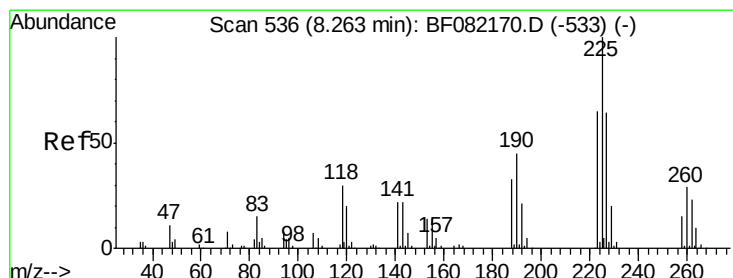
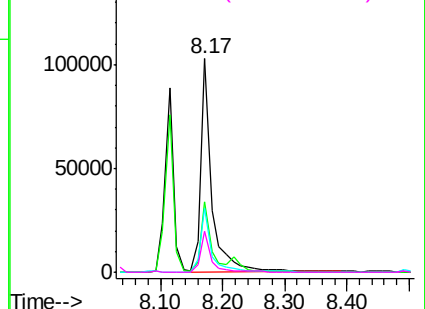
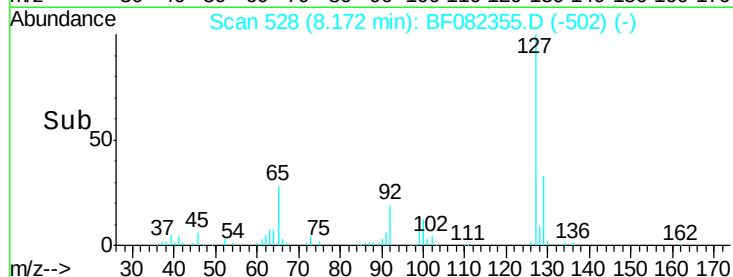
#33
4-Chloroaniline
Concen: 18.80 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:	127	Resp:	127423
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.9	24.4	36.6
92	18.9	15.7	23.5

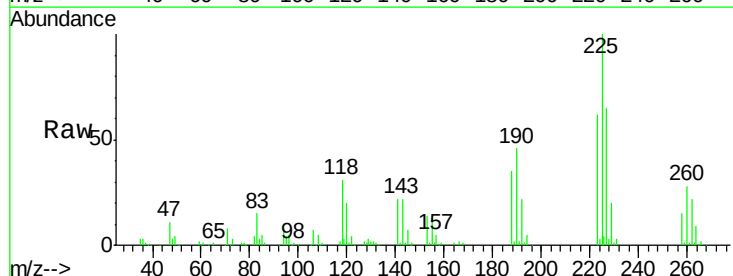


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

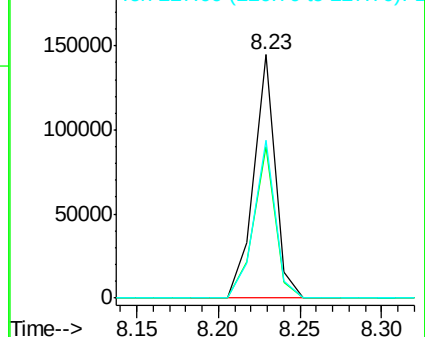
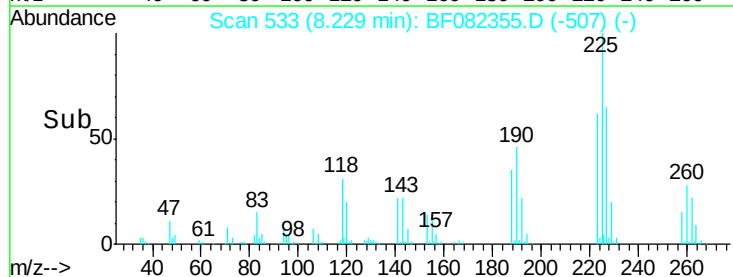


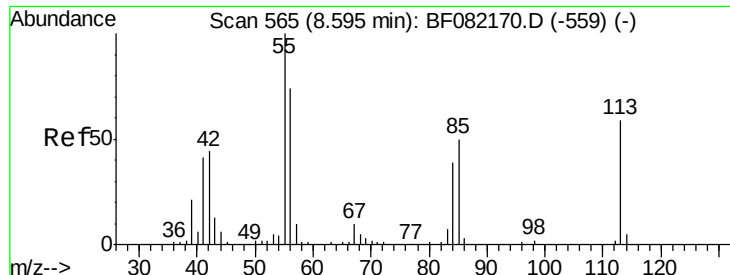
#34
Hexachlorobutadiene
Concen: 38.02 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:	225	Resp:	133257
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.2
227	64.8	51.3	76.9



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

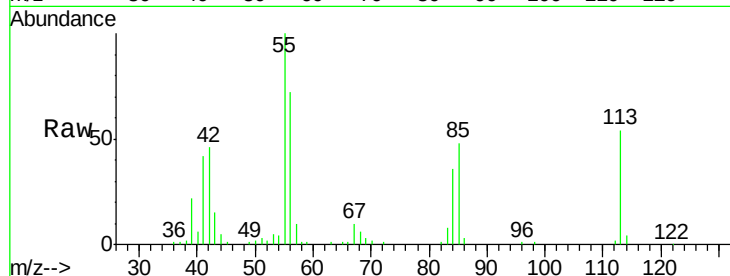




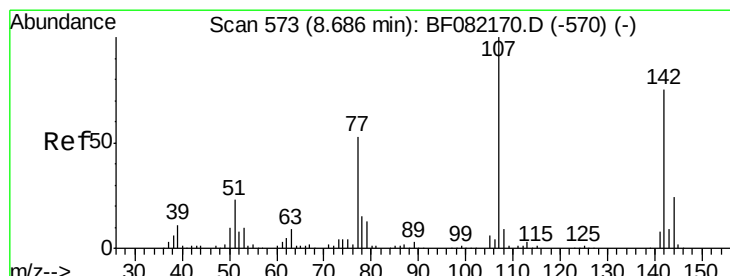
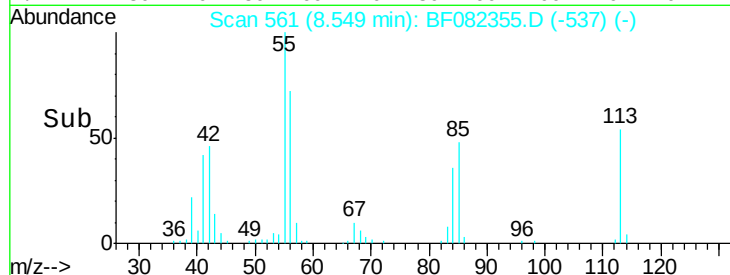
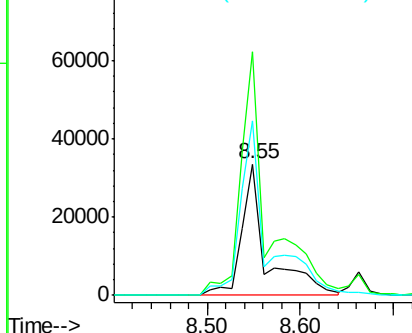
#35
Caprolactam
Concen: 44.65 ng
RT: 8.55 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:113 Resp: 63239
Ion Ratio Lower Upper
113 100
55 185.0 149.7 189.7
56 132.8 105.4 145.4

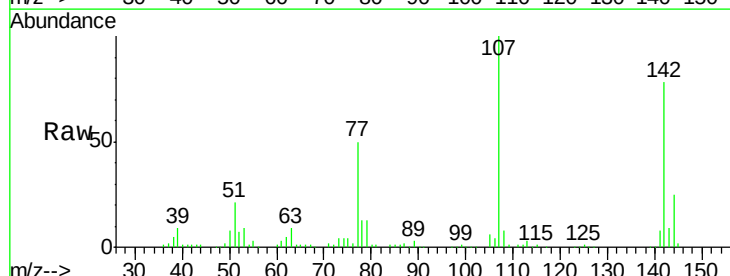


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

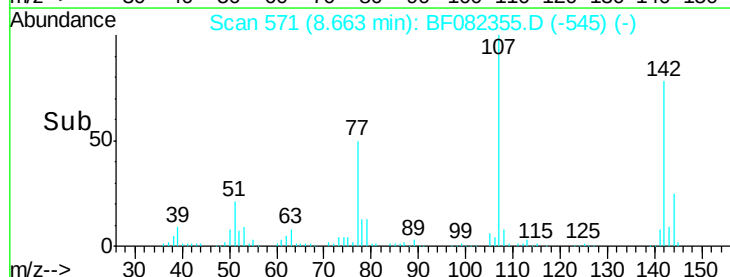
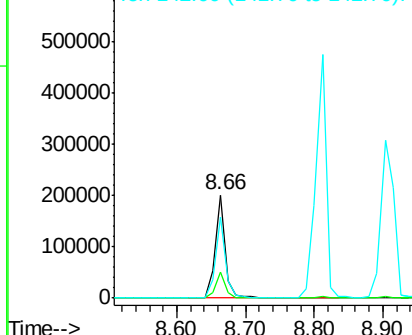


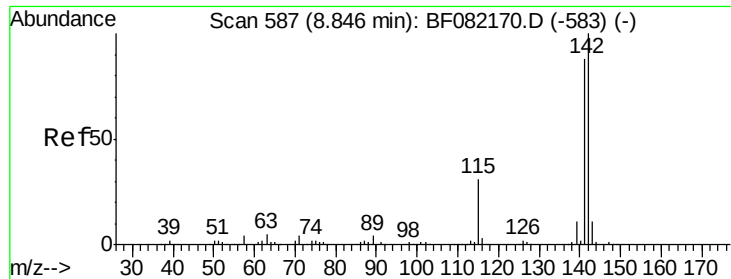
#36
4-Chloro-3-methylphenol
Concen: 44.74 ng
RT: 8.66 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:107 Resp: 213521
Ion Ratio Lower Upper
107 100
144 25.4 19.3 28.9
142 78.4 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

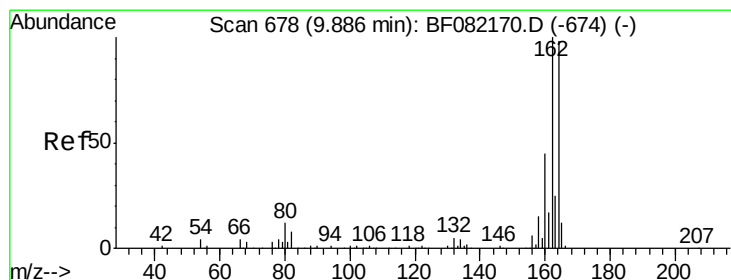
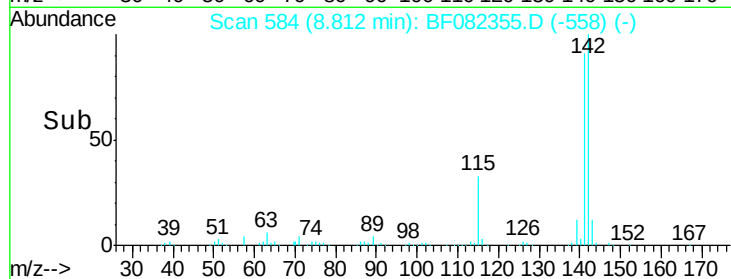
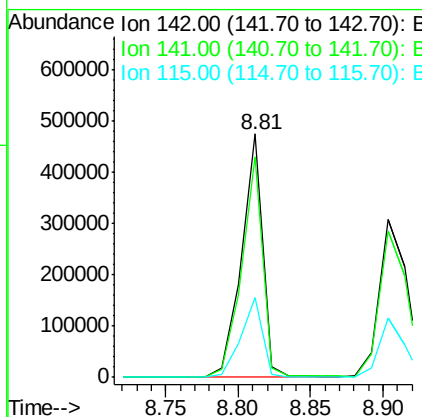
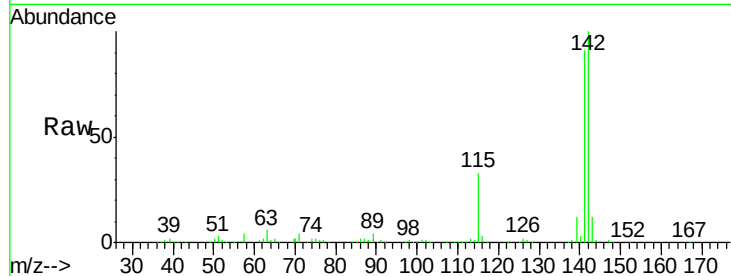




#37
2-Methylnaphthalene
Concen: 42.62 ng
RT: 8.81 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

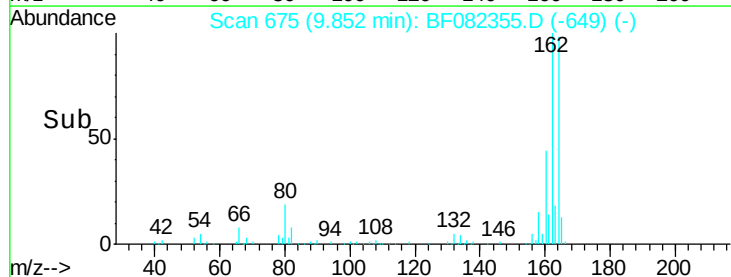
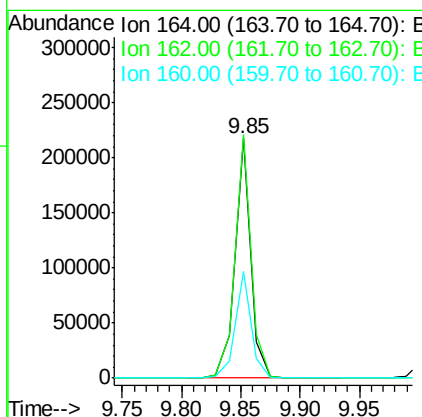
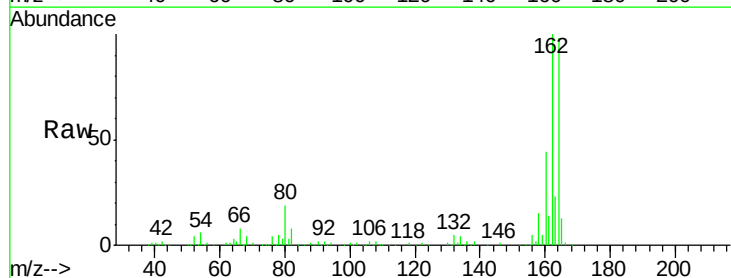
Instrument :
BNA_F
ClientSampleId :
PB86137BS

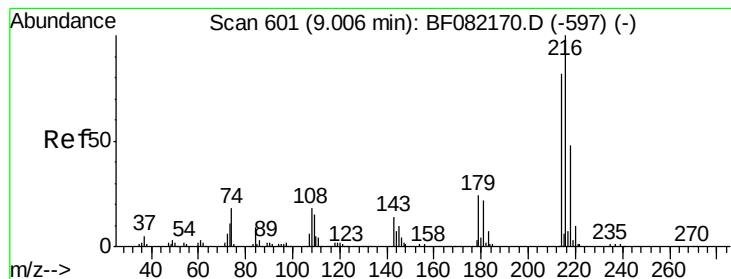
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	32.5	24.6	37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	44.7	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.27 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

Tot Ion:216 Resp: 216969

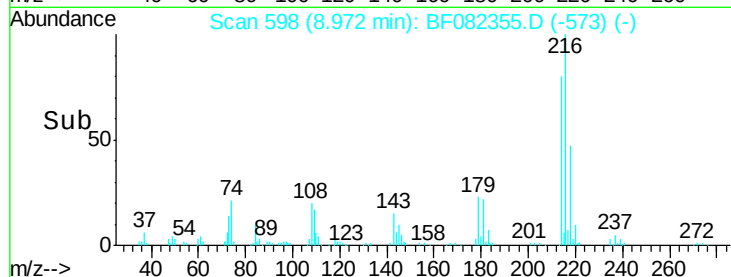
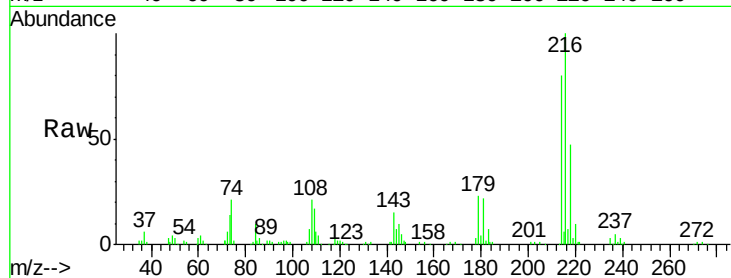
Ion Ratio Lower Upper

216 100

214 79.2 64.6 97.0

179 20.5 17.6 26.4

108 19.3 14.5 21.7

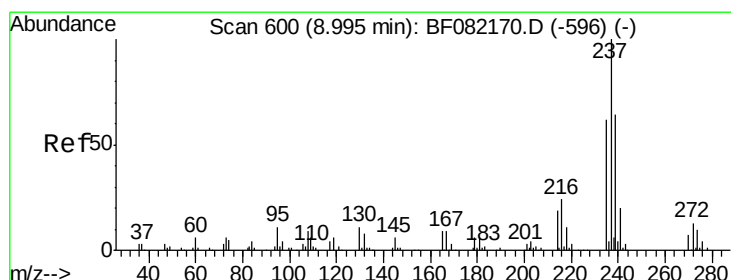
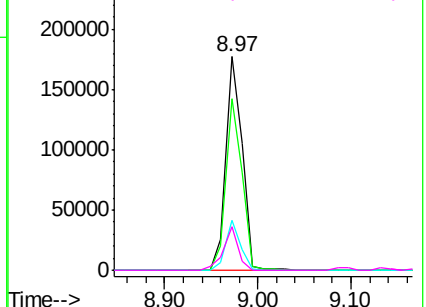


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.62 ng

RT: 8.96 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

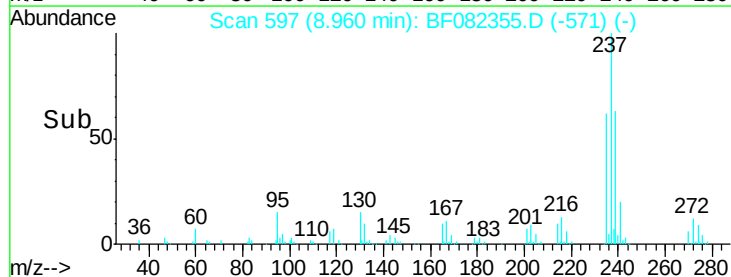
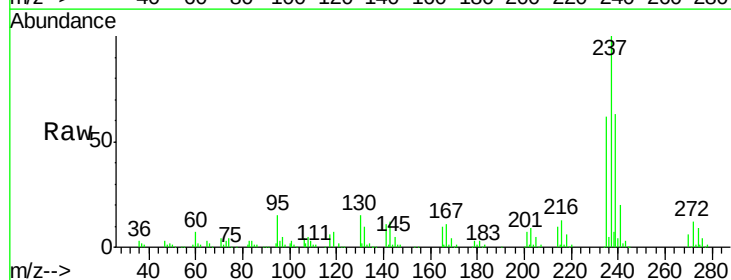
Tgt Ion:237 Resp: 183442

Ion Ratio Lower Upper

237 100

235 62.5 41.7 81.7

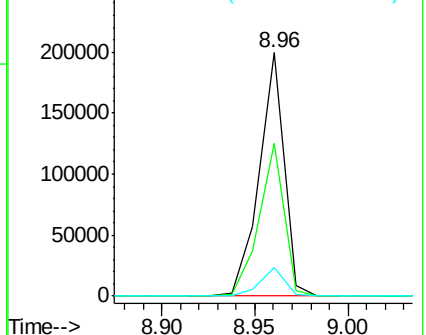
272 11.8 0.0 32.8

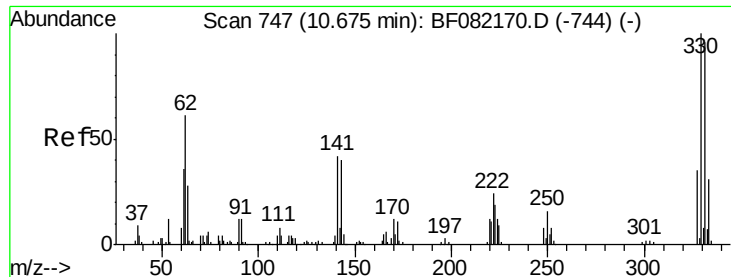


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

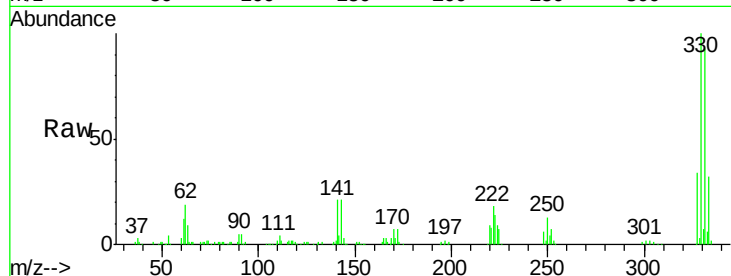




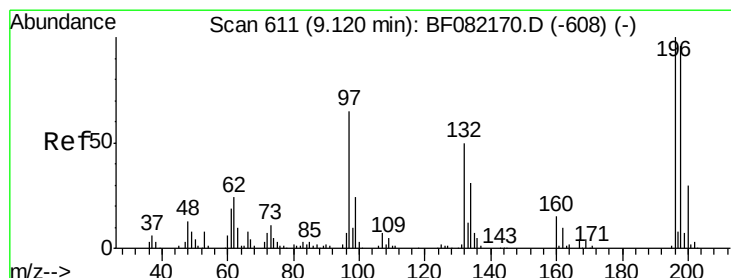
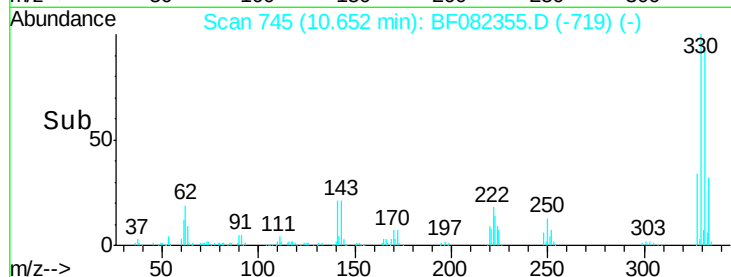
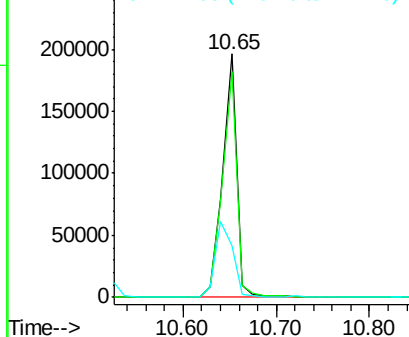
#41
 2,4,6-Tribromophenol
 Concen: 110.37 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	38.5	29.8	44.8

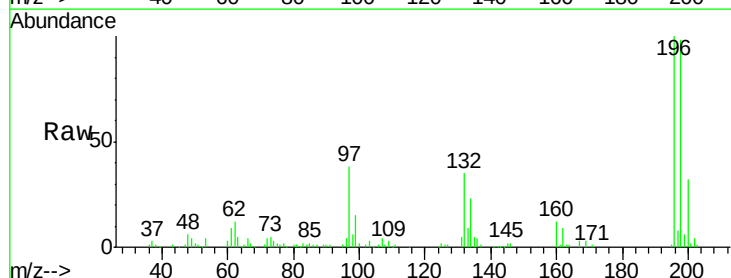


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

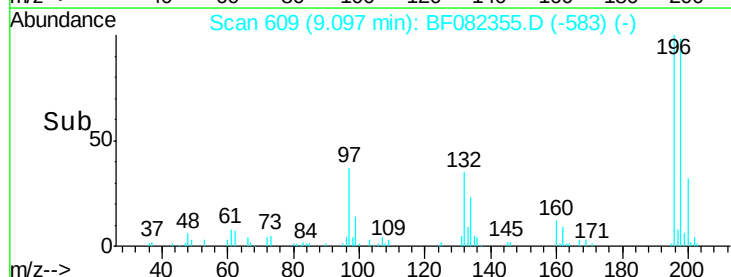
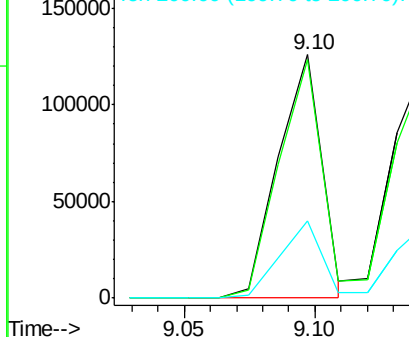


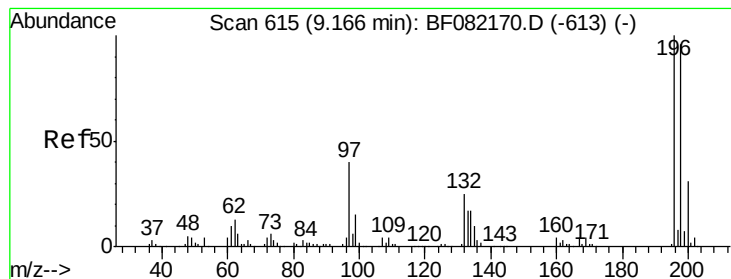
#42
 2,4,6-Trichlorophenol
 Concen: 36.70 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.6	115.0
200	31.6	23.7	35.5



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

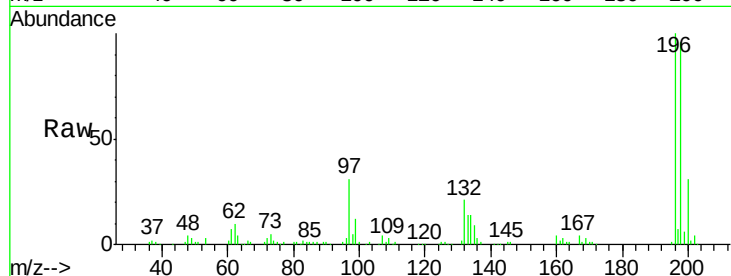




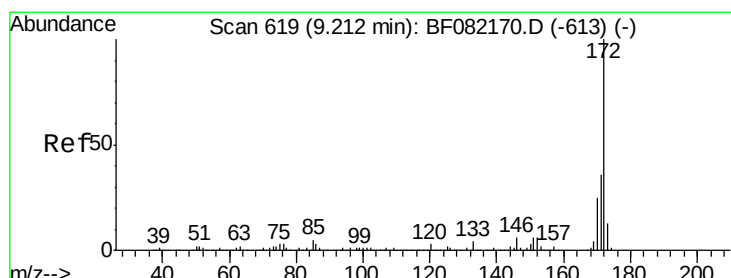
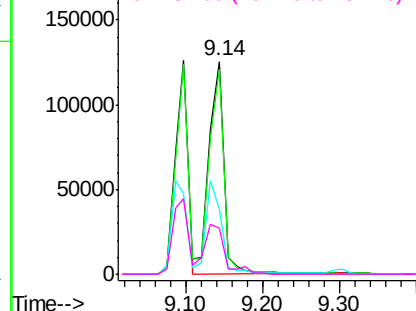
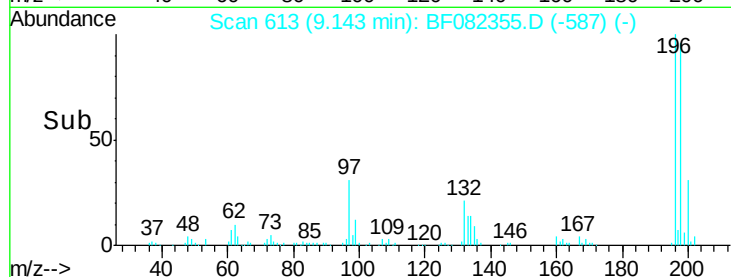
#43
 2,4,5-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.0	115.4
97	30.6	31.9	47.9#
132	21.5	20.3	30.5

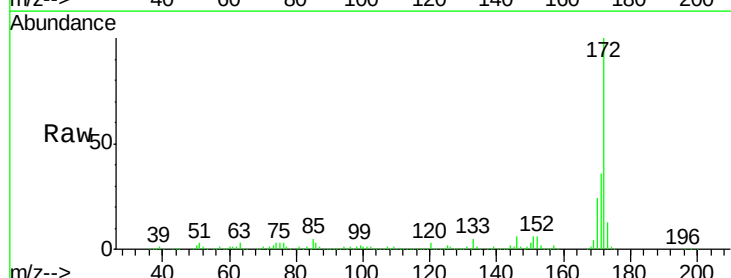


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

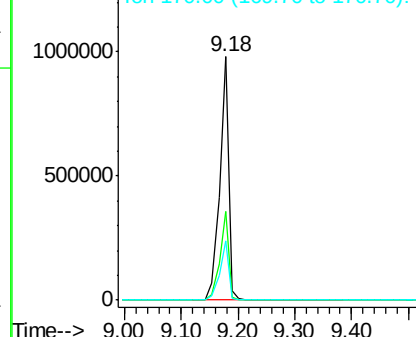
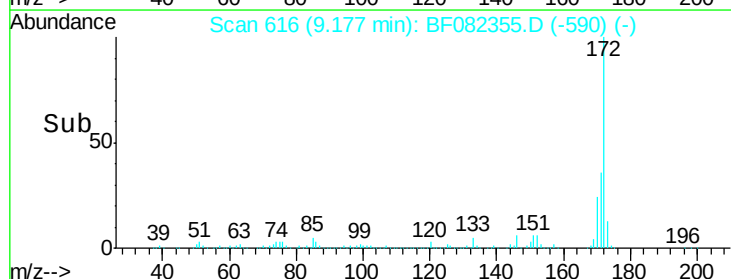


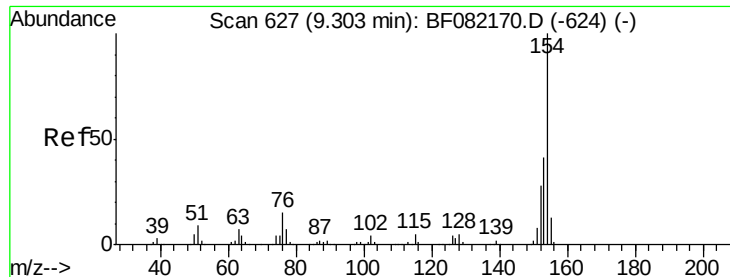
#44
 2-Fluorobiphenyl
 Concen: 86.10 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.4	19.7	29.5



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





#45

1,1'-Biphenyl

Concen: 38.66 ng

RT: 9.28 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

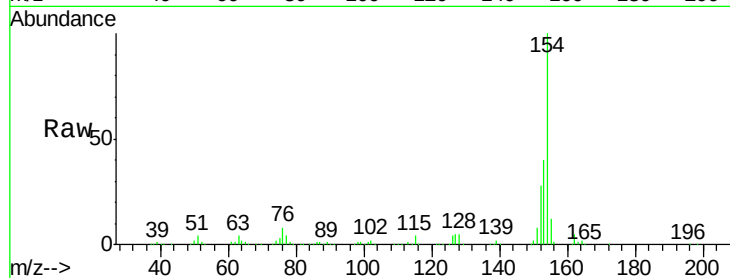
Tot Ion:154 Resp: 592921

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 7.9 0.0 35.2

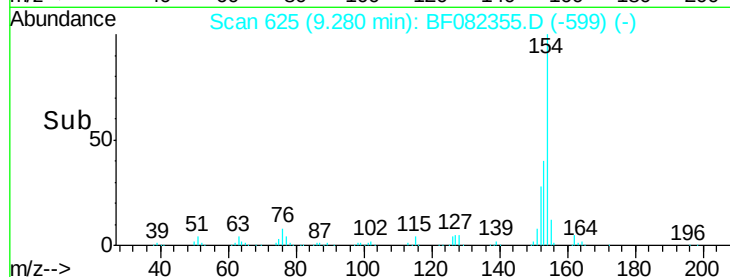


Abundance Ion 154.00 (153.70 to 154.70): E

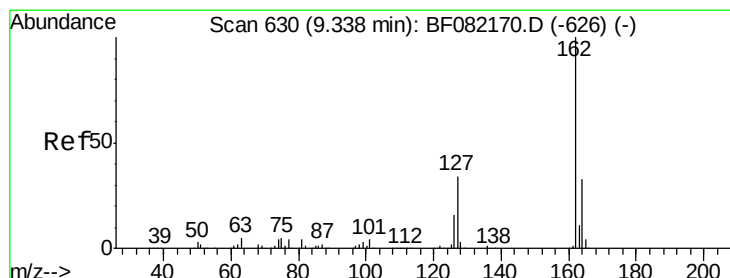
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

Time-->



Time-->



#46

2-Chloronaphthalene

Concen: 38.84 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

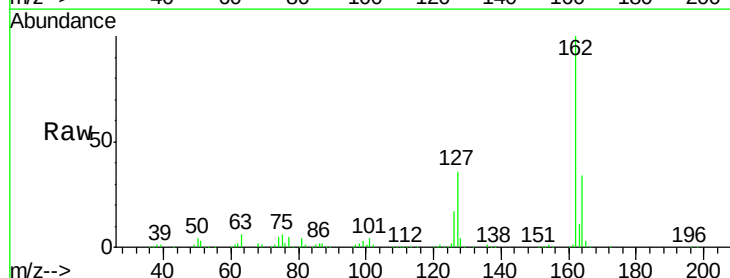
Tgt Ion:162 Resp: 468955

Ion Ratio Lower Upper

162 100

127 36.3 27.5 41.3

164 33.8 26.6 39.8

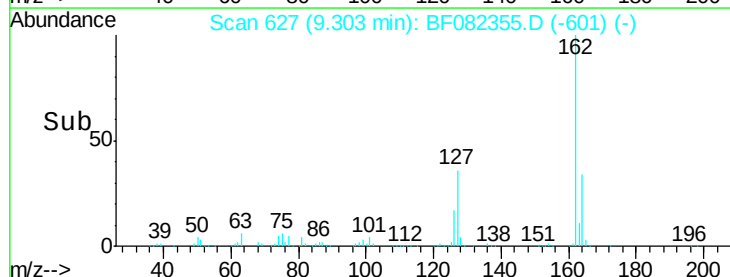


Abundance Ion 162.00 (161.70 to 162.70): E

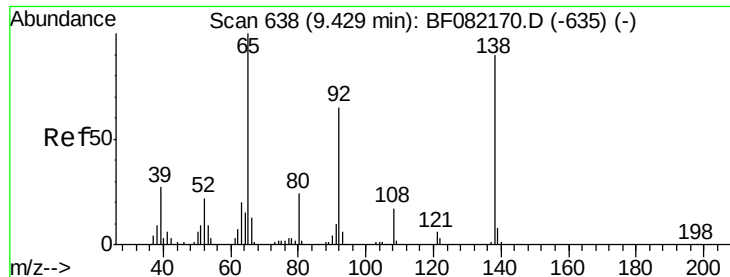
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



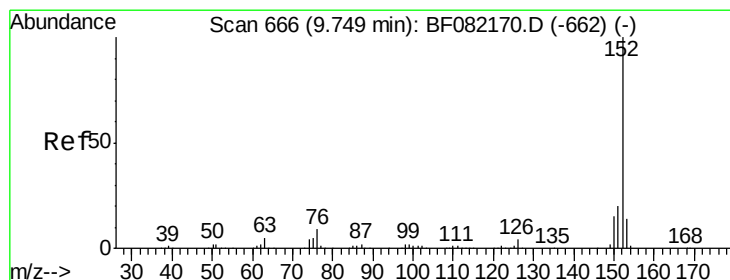
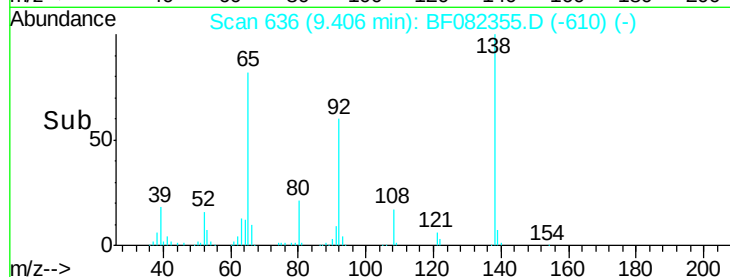
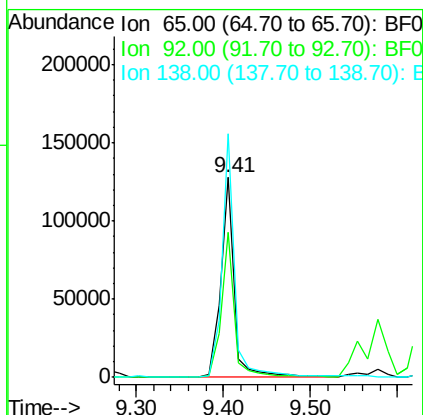
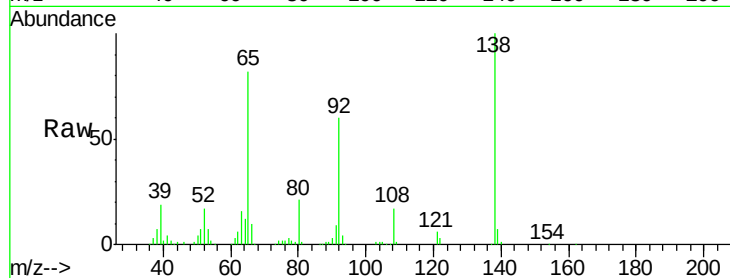
Time-->



#47
2-Nitroaniline
Concen: 43.12 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

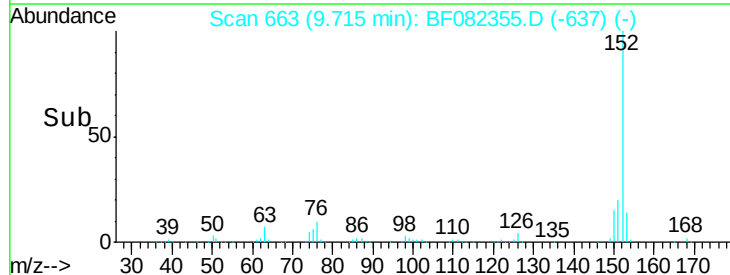
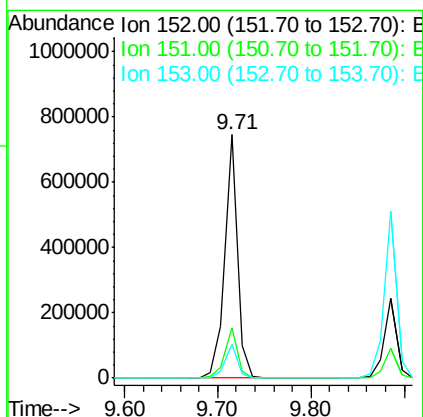
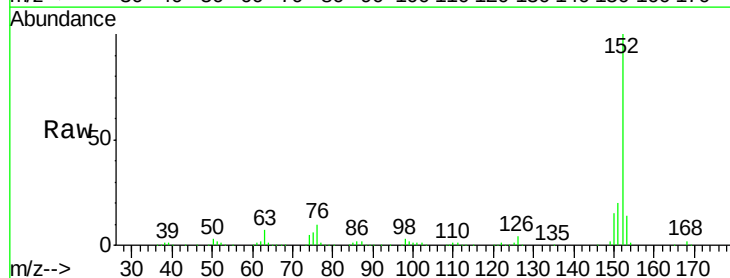
Instrument :
BNA_F
ClientSampleId :
PB86137BS

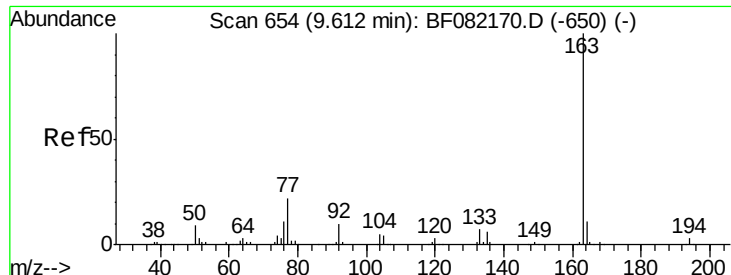
Tot Ion: 65 Resp: 142926
Ion Ratio Lower Upper
65 100
92 72.6 52.3 78.5
138 122.0 72.2 108.4#



#48
Acenaphthylene
Concen: 37.83 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion: 152 Resp: 711532
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.7 10.8 16.2

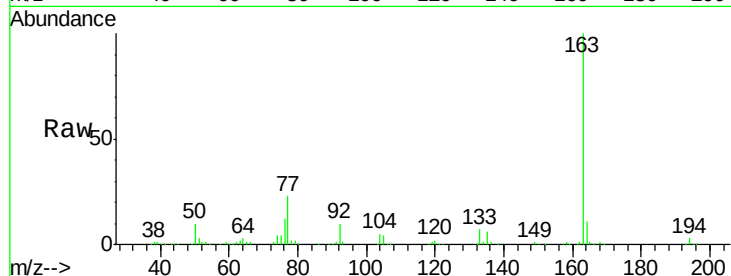




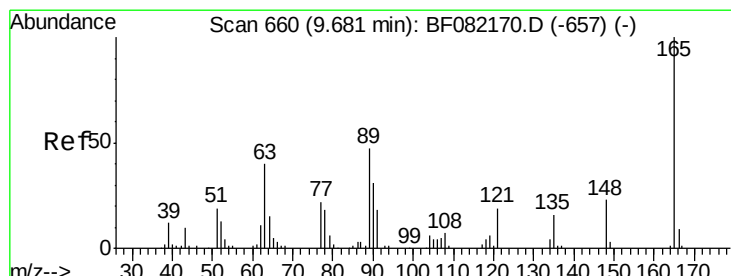
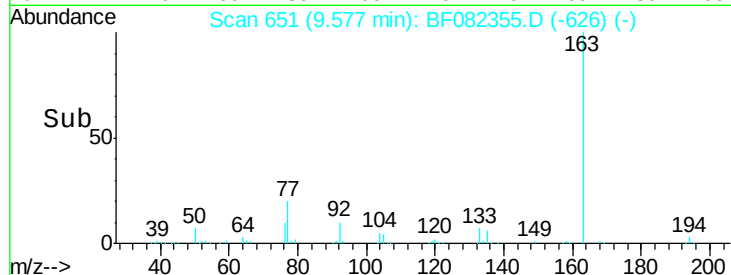
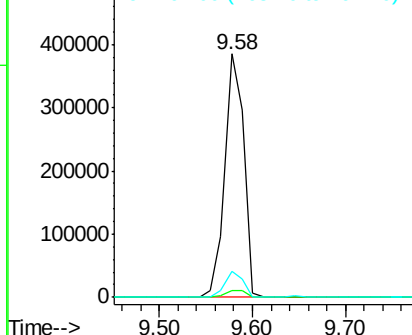
#49
Dimethylphthalate
Concen: 38.75 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:163 Resp: 548736
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.8 8.5 12.7

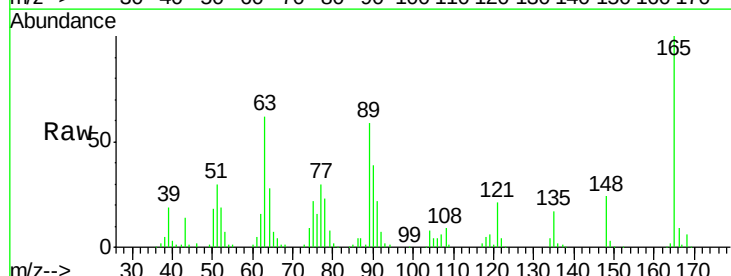


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

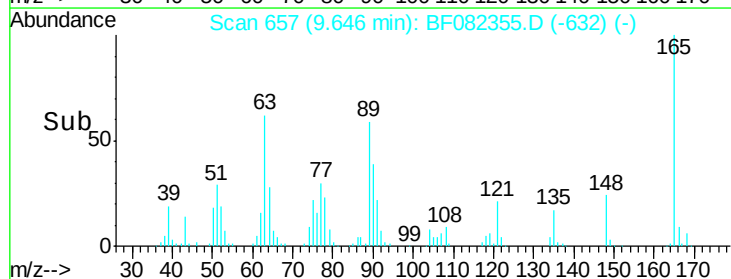
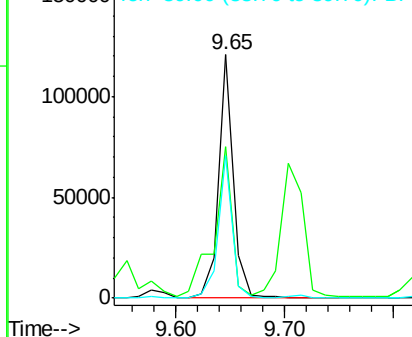


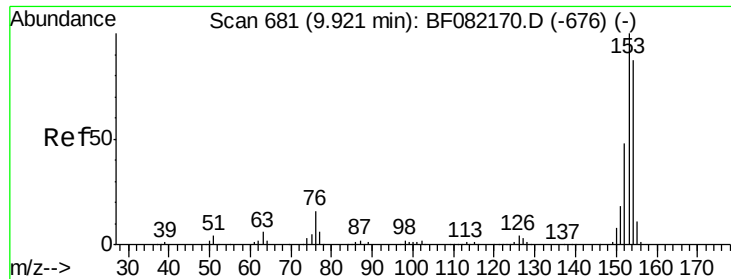
#50
2,6-Dinitrotoluene
Concen: 38.63 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:165 Resp: 115450
Ion Ratio Lower Upper
165 100
63 62.4 36.7 55.1#
89 58.7 37.8 56.6#



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





#51

Acenaphthene

Concen: 36.90 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

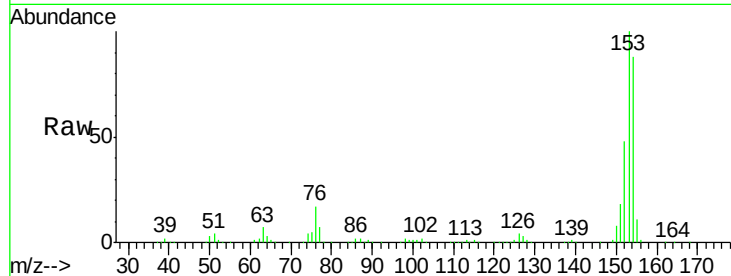
Tot Ion:154 Resp: 416611

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

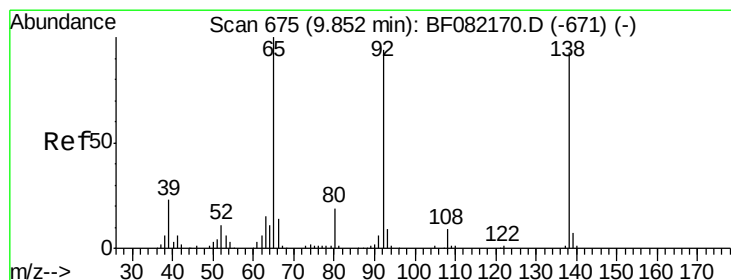
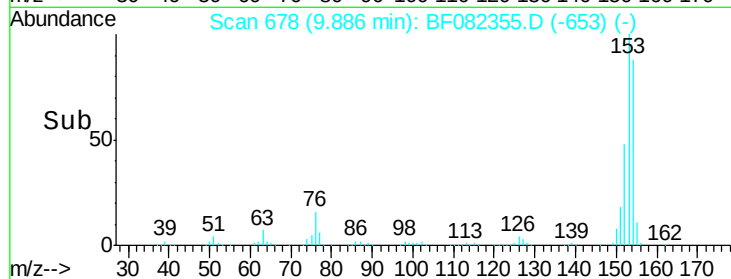
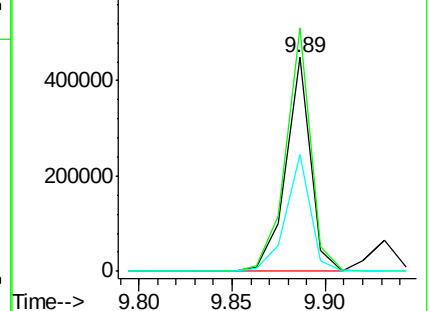
152 54.8 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.52 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

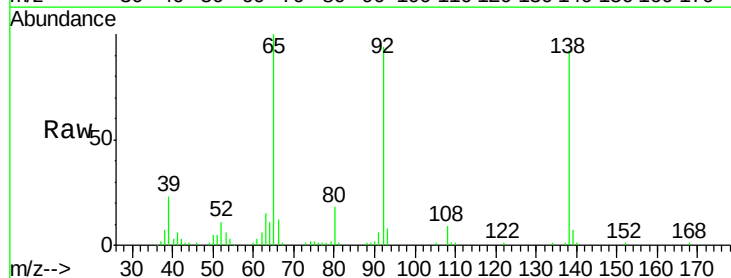
Tgt Ion:138 Resp: 76001

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

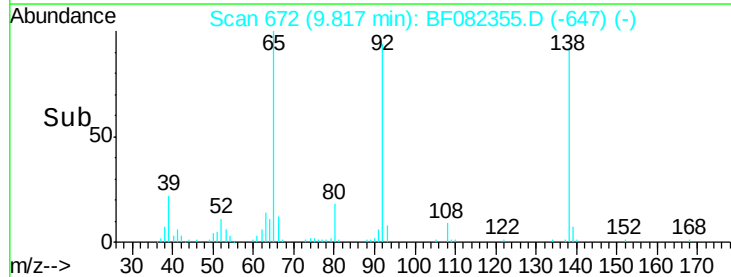
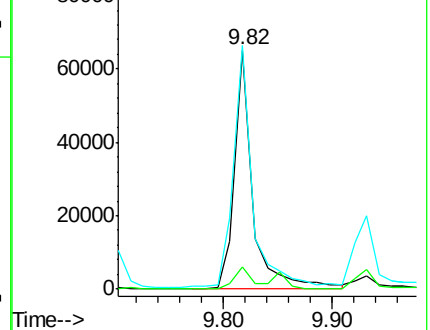
92 101.9 81.3 121.9

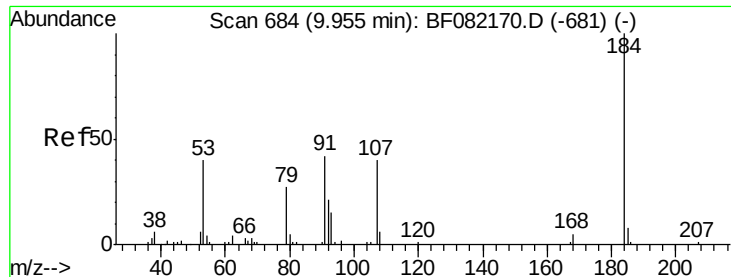


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 79.33 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

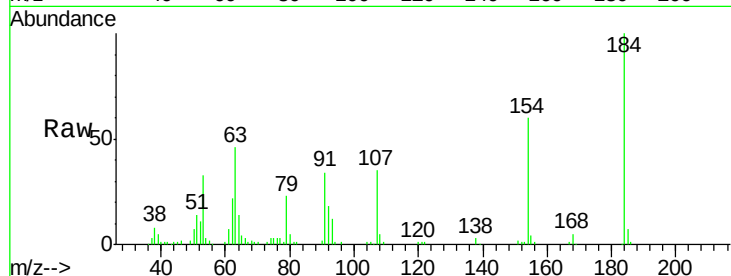
Tot Ion:184 Resp: 132381

Ion Ratio Lower Upper

184 100

63 45.6 45.1 67.7

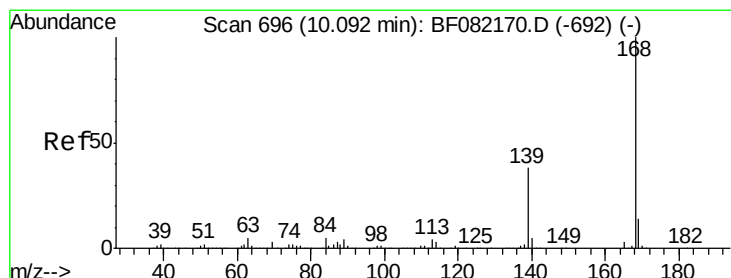
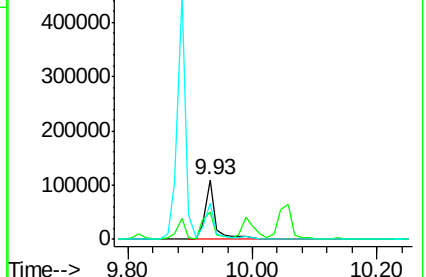
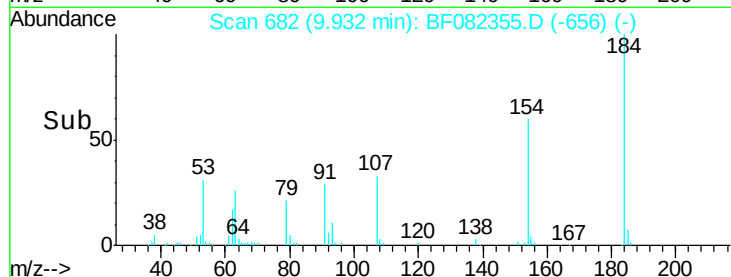
154 60.0 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.58 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

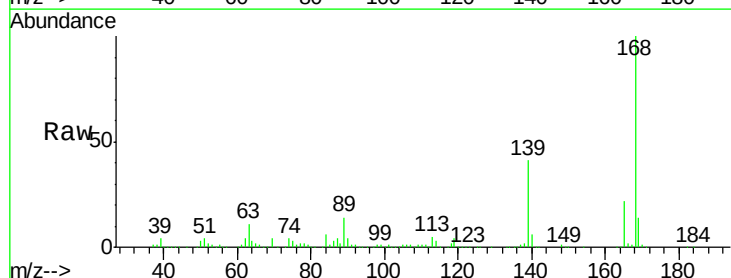
Tgt Ion:168 Resp: 613469

Ion Ratio Lower Upper

168 100

139 40.9 31.0 46.6

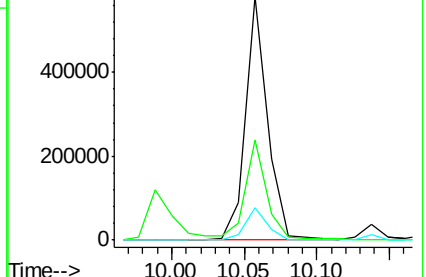
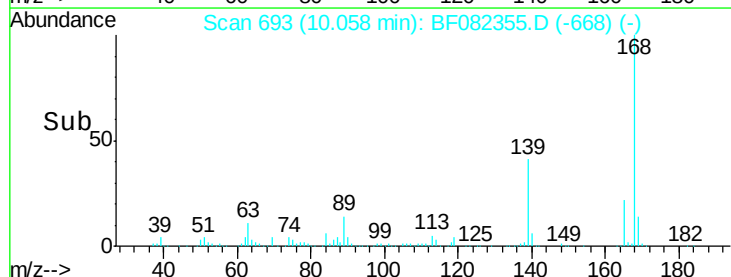
169 13.6 10.9 16.3

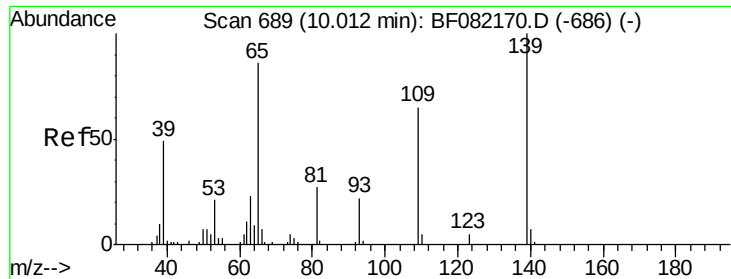


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

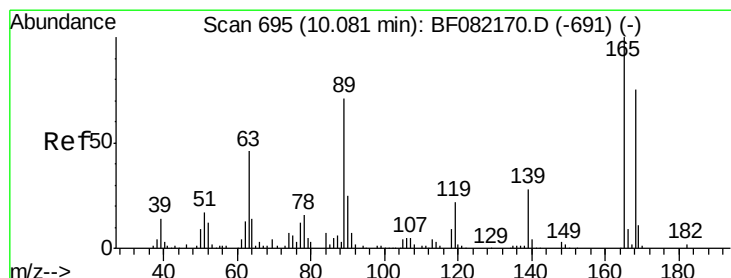
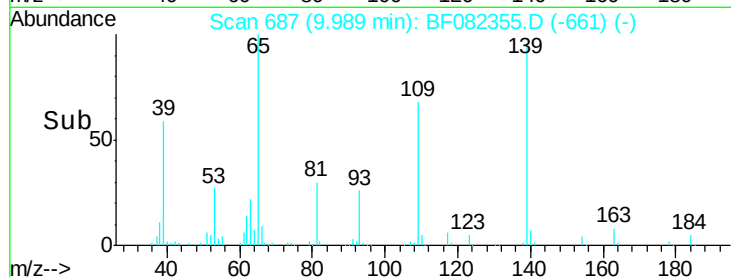
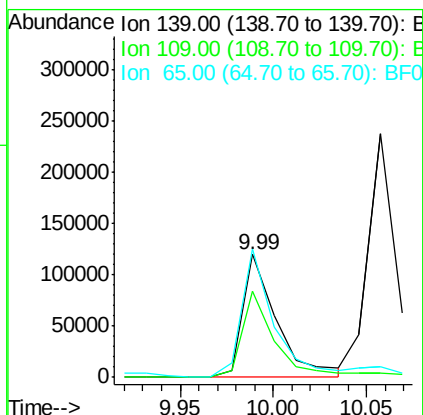
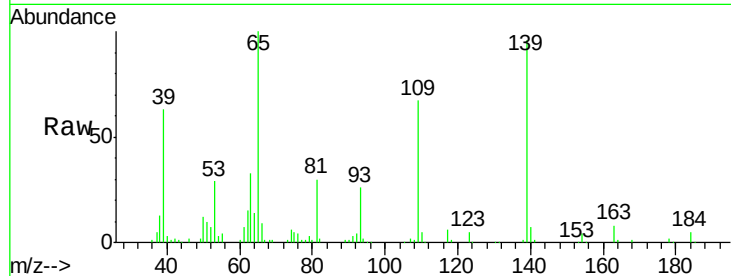




#55
4-Nitrophenol
Concen: 69.17 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

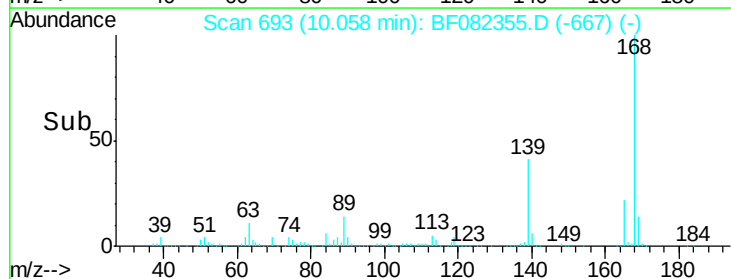
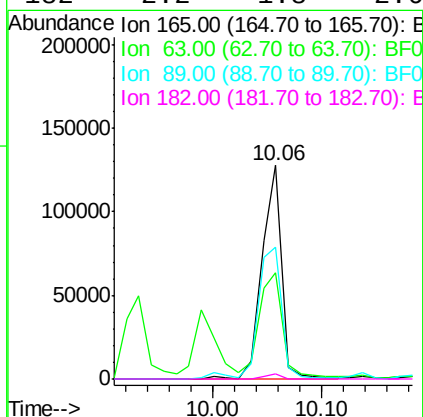
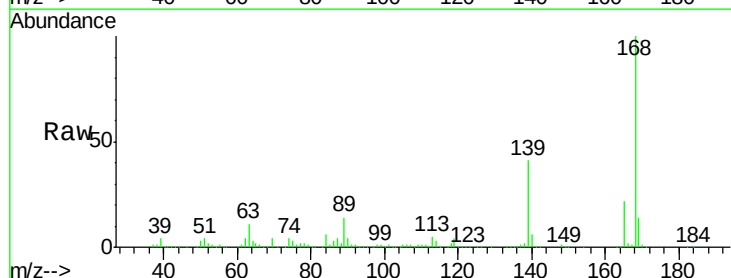
Instrument :
BNA_F
ClientSampleId :
PB86137BS

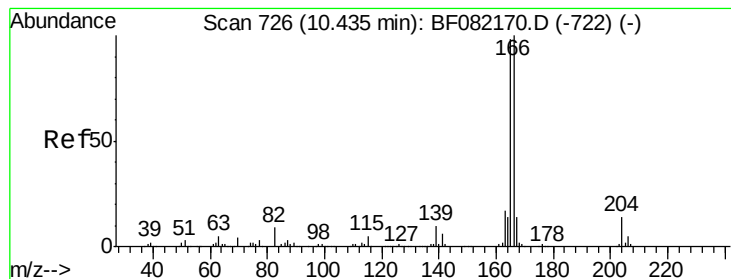
Tot Ion:139 Resp: 152541
Ion Ratio Lower Upper
139 100
109 70.4 44.8 84.8
65 104.4 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 43.11 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:165 Resp: 161016
Ion Ratio Lower Upper
165 100
63 49.7 38.6 58.0
89 61.7 57.0 85.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.75 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

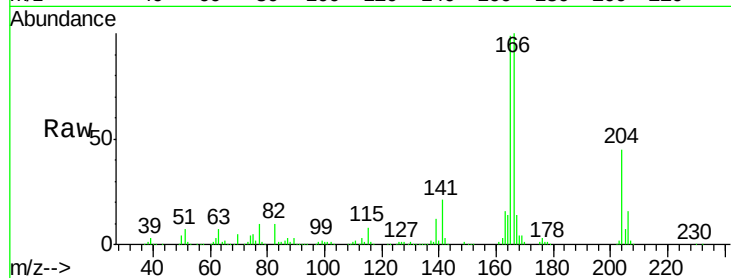
Tot Ion:166 Resp: 493337

Ion Ratio Lower Upper

166 100

165 98.9 78.3 117.5

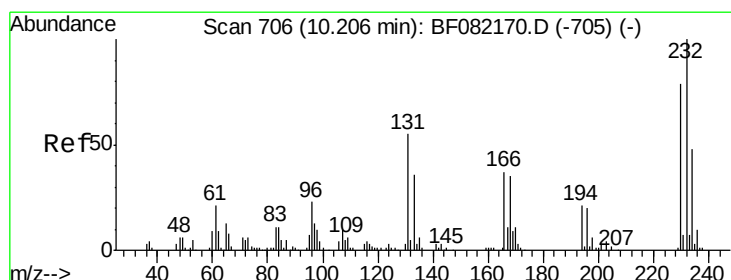
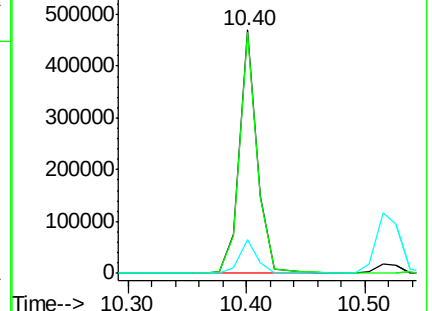
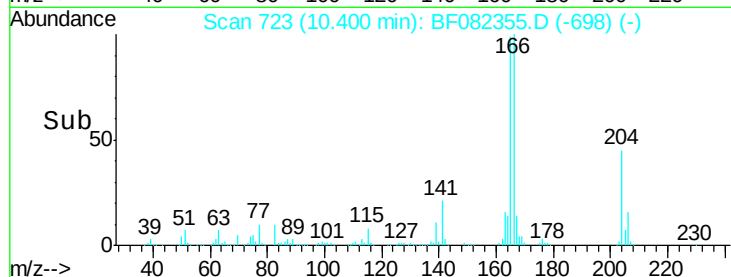
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.63 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:232 Resp: 139361

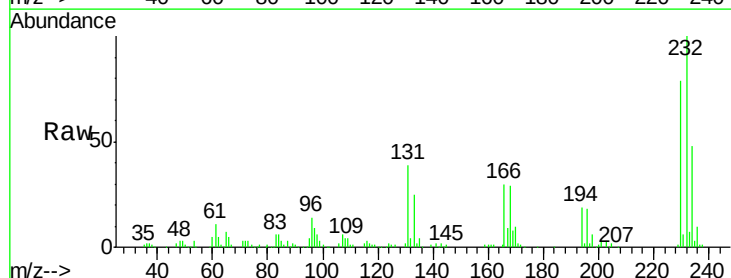
Ion Ratio Lower Upper

232 100

131 43.8 36.6 54.8

130 1.9 1.5 2.3

166 30.0 24.6 37.0

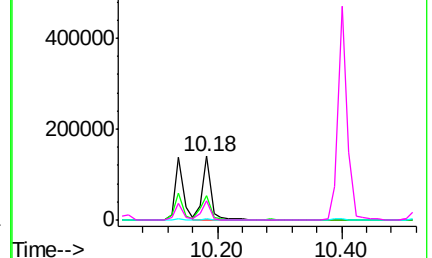
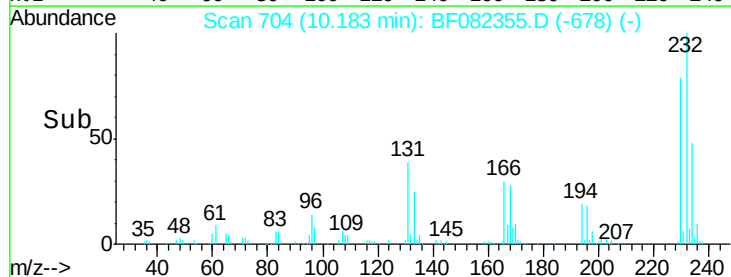


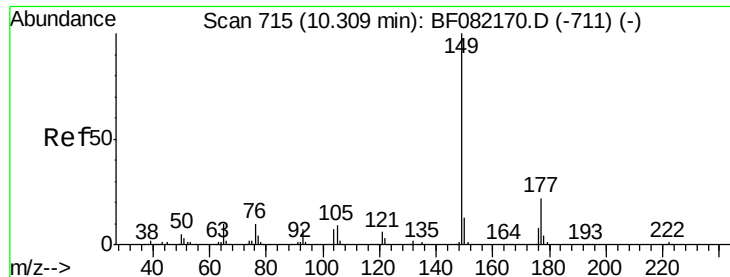
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

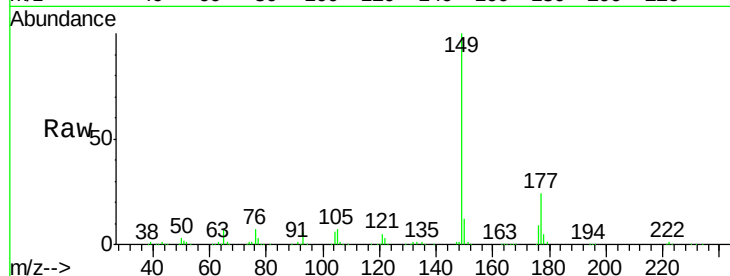




#59
Diethylphthalate
Concen: 41.90 ng
RT: 10.29 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

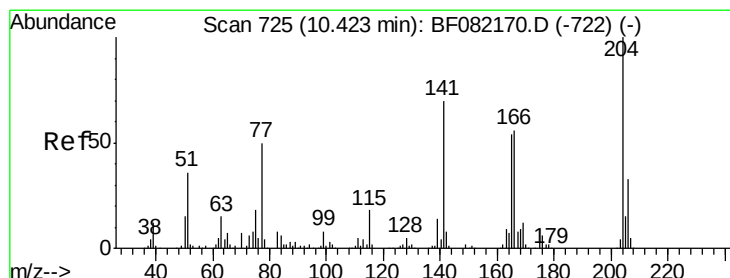
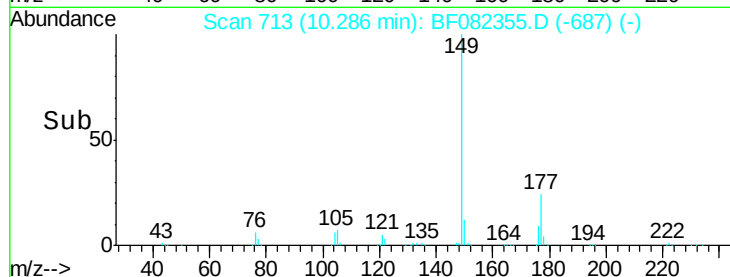
Tot Ion:149 Resp: 553199
Ion Ratio Lower Upper
149 100
177 24.0 17.6 26.4
150 12.5 10.3 15.5



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

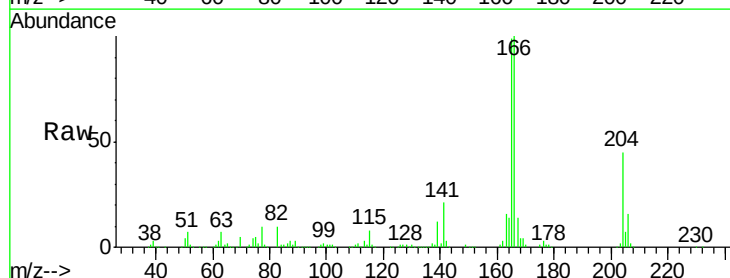
10.29

Time-->



#60
4-Chlorophenyl-phenylether
Concen: 42.08 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

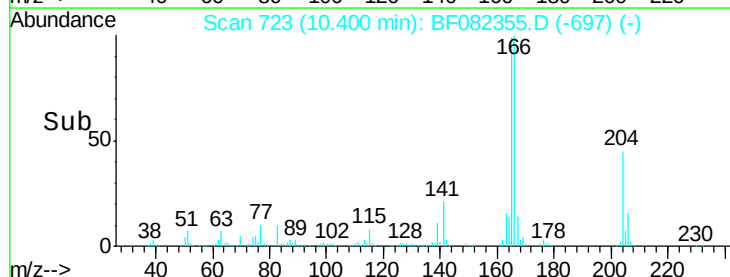
Tgt Ion:204 Resp: 245387
Ion Ratio Lower Upper
204 100
206 34.2 26.8 40.2
141 47.4 56.1 84.1#

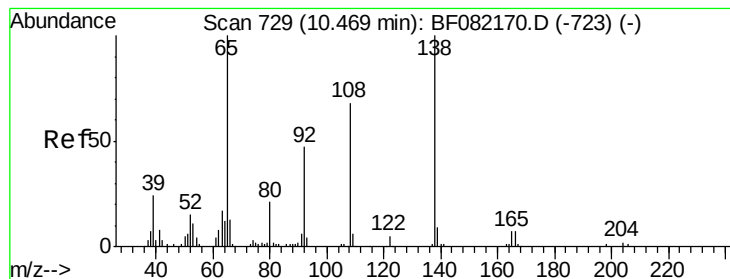


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

10.40

Time-->





#61

4-Nitroaniline

Concen: 36.70 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

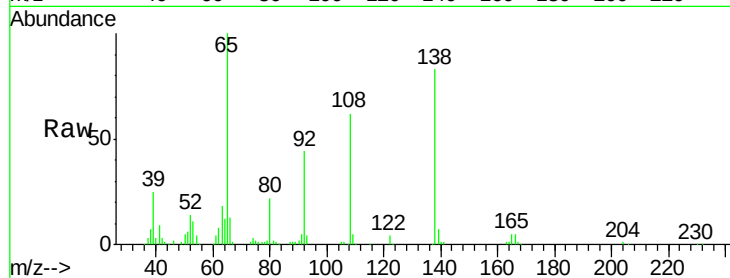
Tot Ion:138 Resp: 120160

Ion Ratio Lower Upper

138 100

92 52.6 26.8 66.8

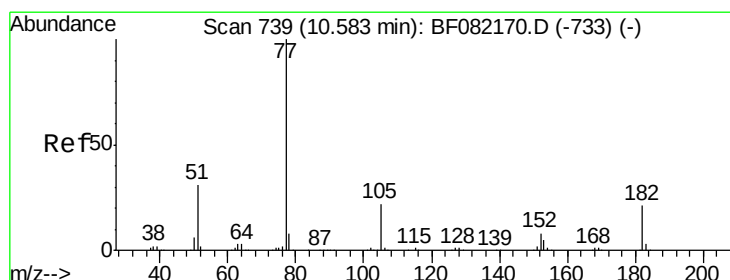
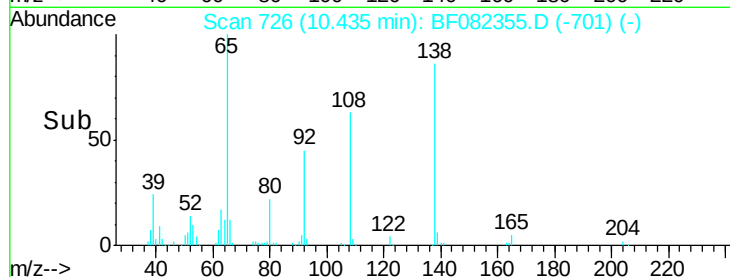
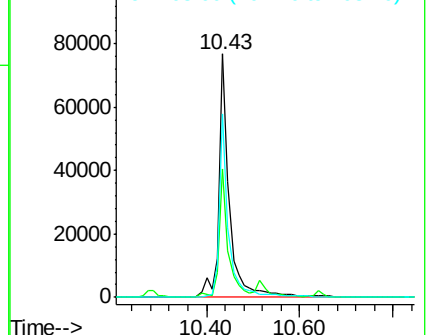
108 75.1 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.92 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion: 77 Resp: 528650

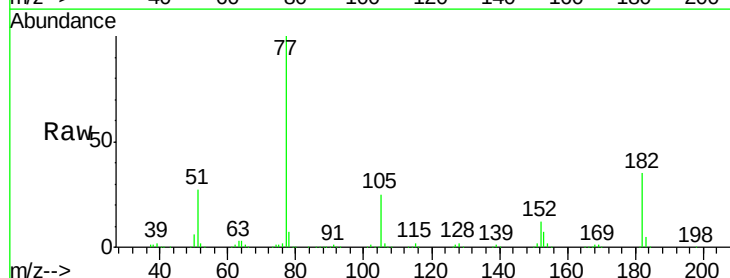
Ion Ratio Lower Upper

77 100

182 35.4 0.5 40.5

105 25.4 1.8 41.8

51 26.9 11.2 51.2

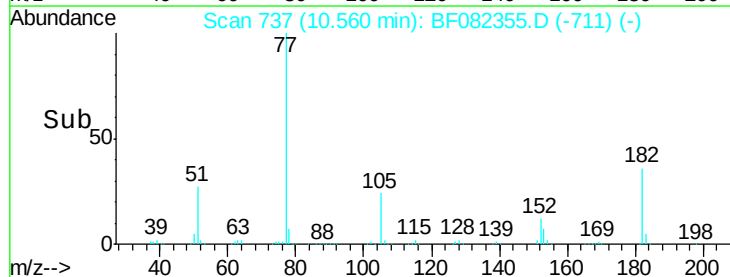
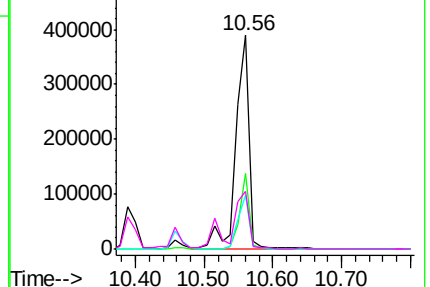


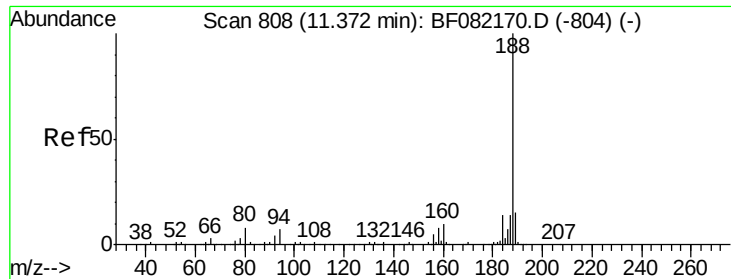
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

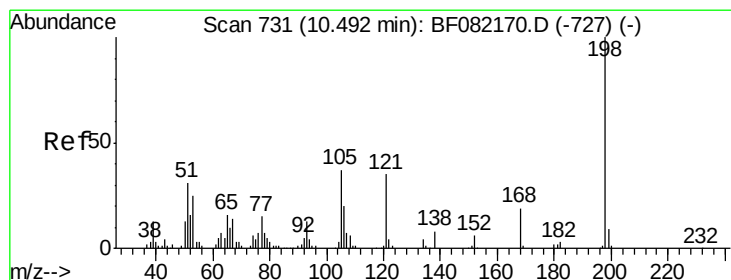
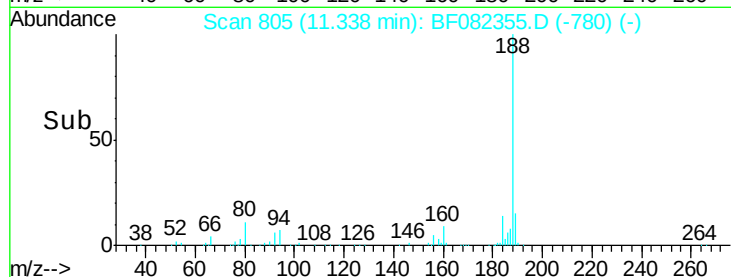
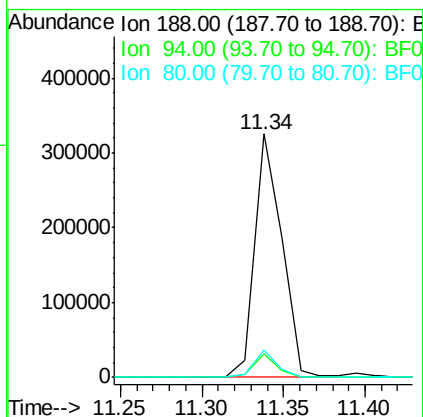
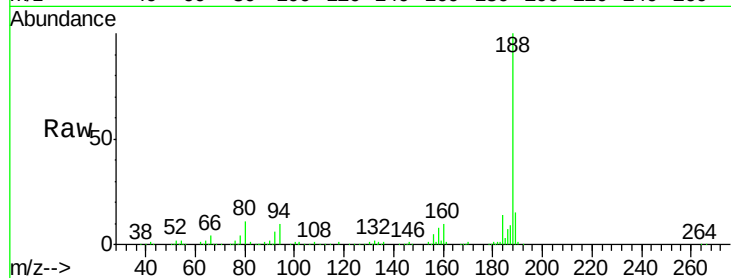




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

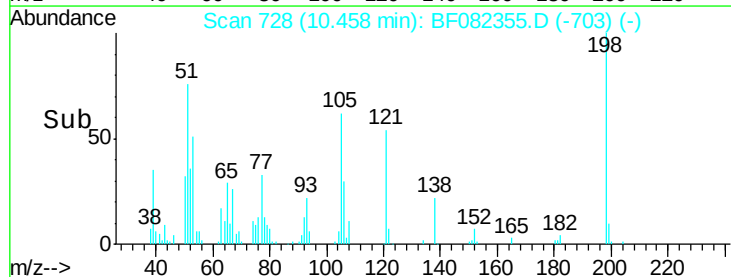
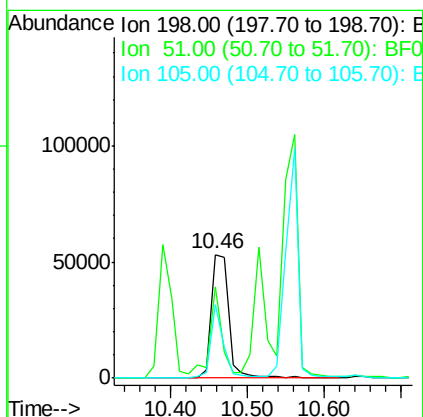
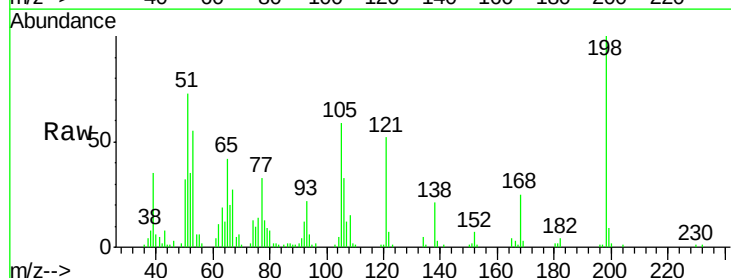
Instrument :
BNA_F
ClientSampleId :
PB86137BS

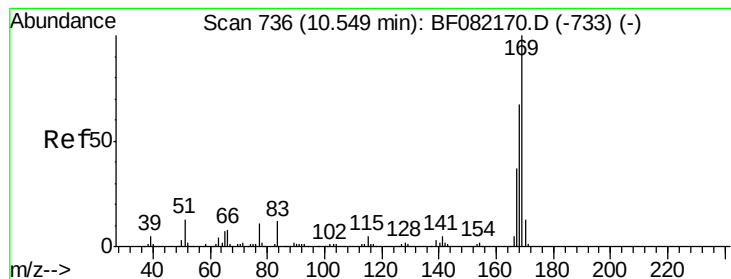
Tot Ion:188 Resp: 378303
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.6#
80 11.1 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.35 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:198 Resp: 83530
Ion Ratio Lower Upper
198 100
51 73.3 13.6 53.6#
105 59.3 17.1 57.1#

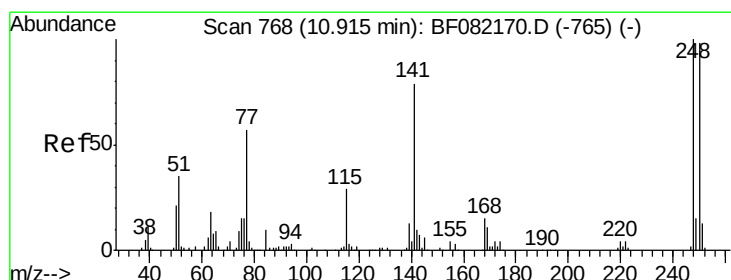
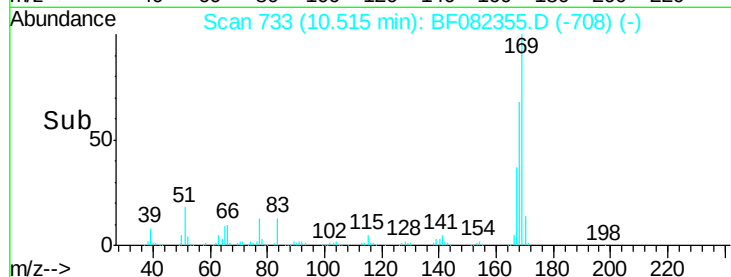
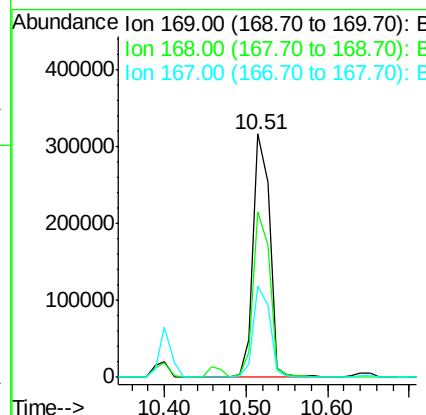
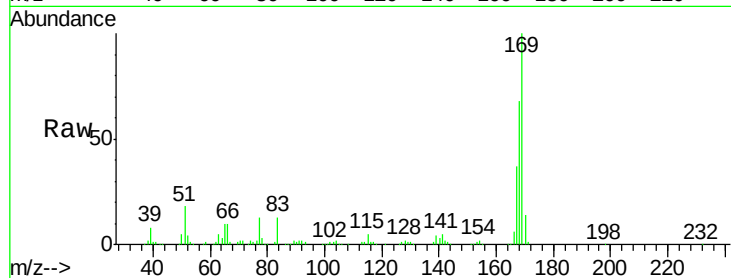




#65
 n-Nitrosodiphenylamine
 Concen: 39.56 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

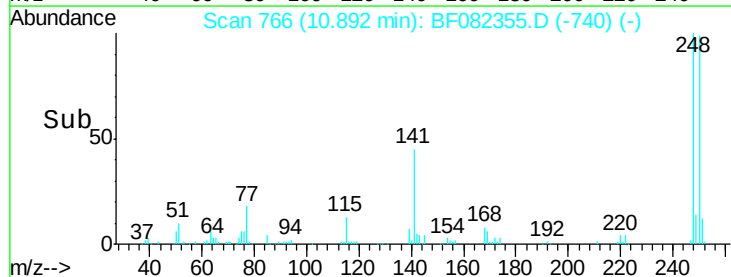
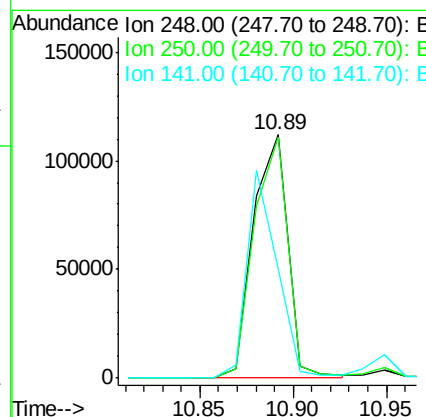
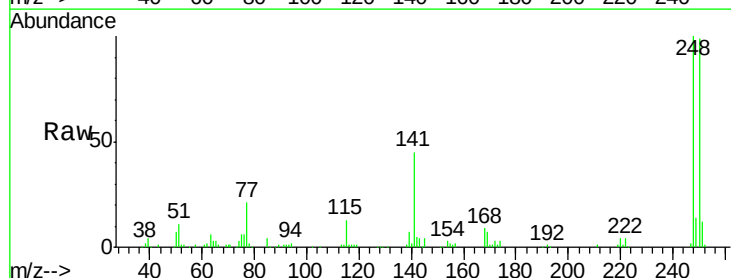
Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

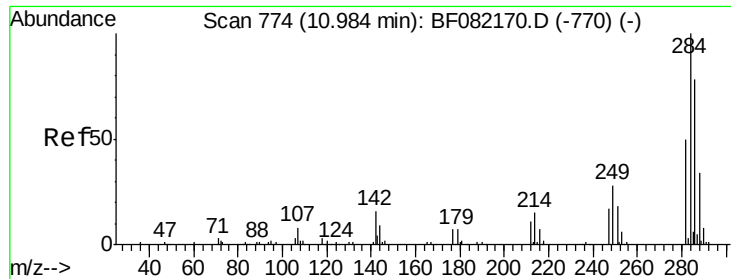
Tot Ion:169 Resp: 448111
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.0 81.0
 167 37.3 29.6 44.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.93 ng
 RT: 10.89 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:248 Resp: 143619
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.6 117.8
 141 45.0 63.3 94.9#

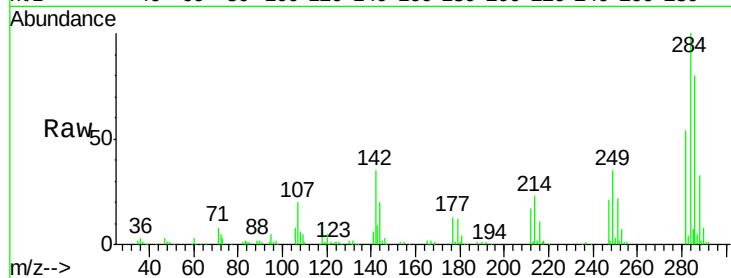




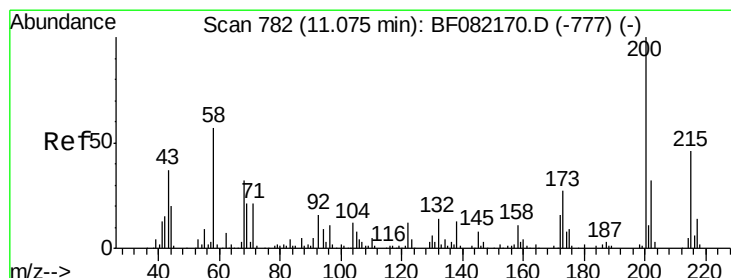
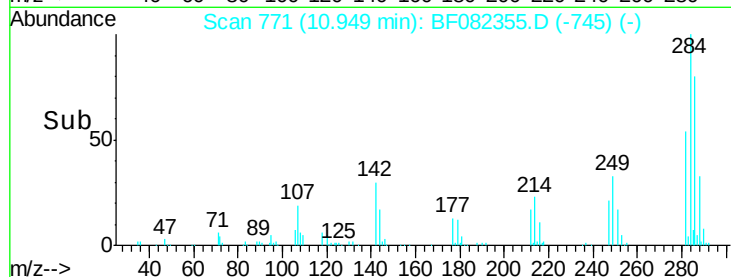
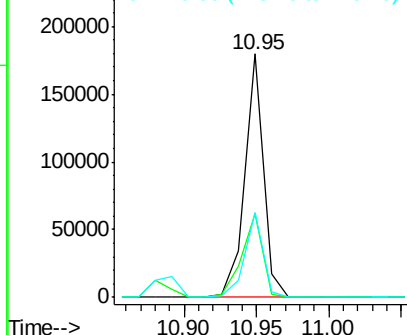
#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:284 Resp: 160744
Ion Ratio Lower Upper
284 100
142 34.6 13.0 19.6#
249 34.8 22.5 33.7#

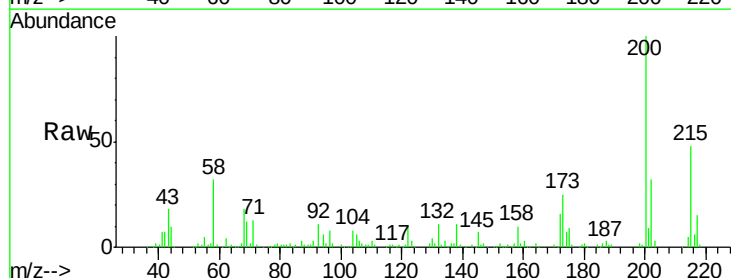


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

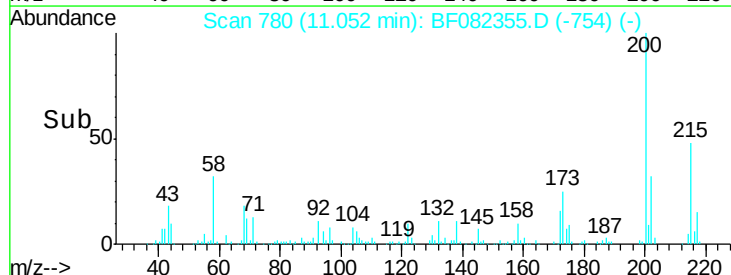
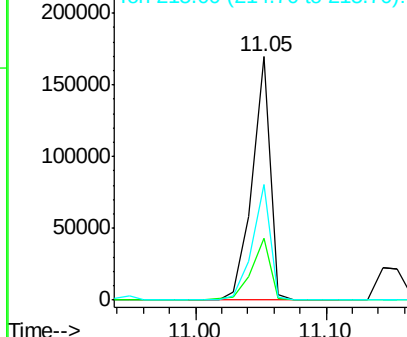


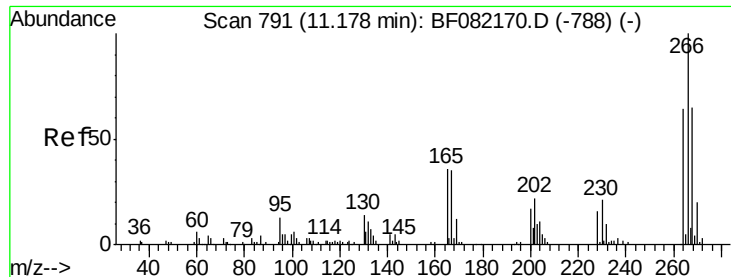
#68
Atrazine
Concen: 45.90 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:200 Resp: 164693
Ion Ratio Lower Upper
200 100
173 25.5 7.3 47.3
215 47.7 26.2 66.2



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

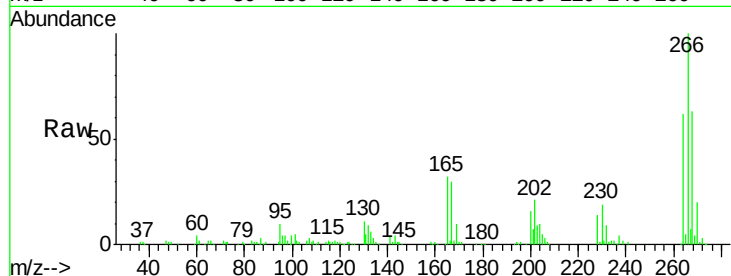




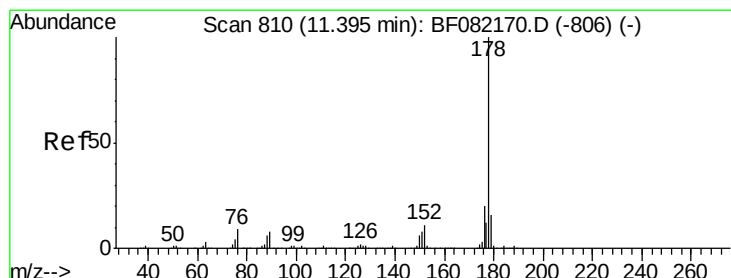
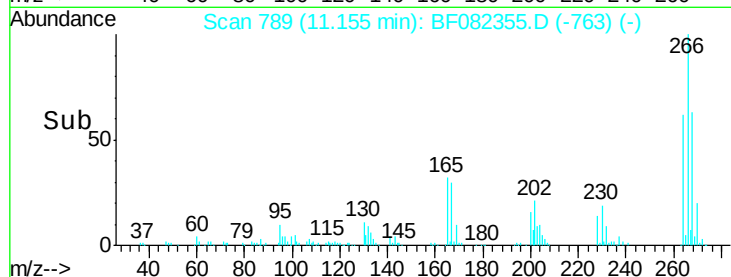
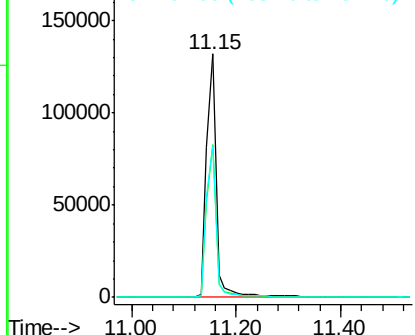
#69
 Pentachlorophenol
 Concen: 81.64 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion:266 Resp: 172008
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 62.2 51.4 77.0

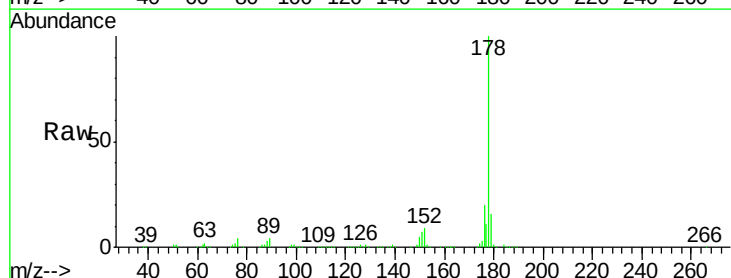


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

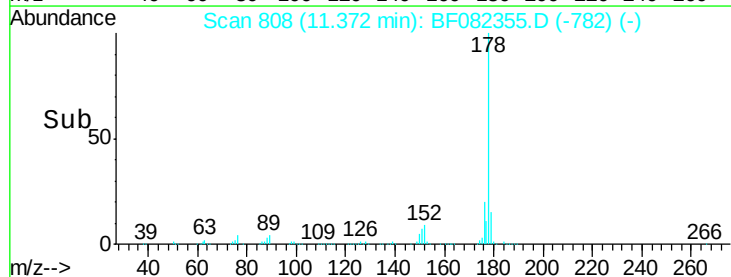
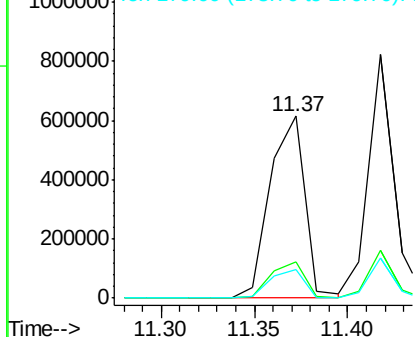


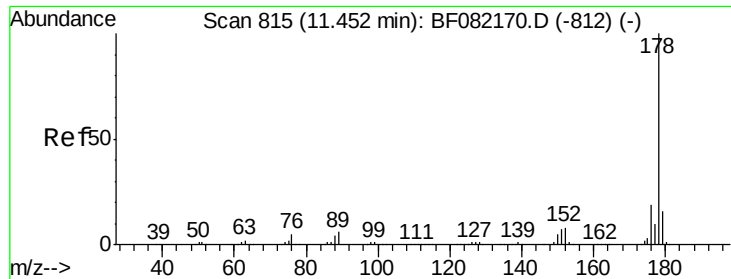
#70
 Phenanthrene
 Concen: 43.00 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:178 Resp: 797360
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.6 12.6 19.0



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

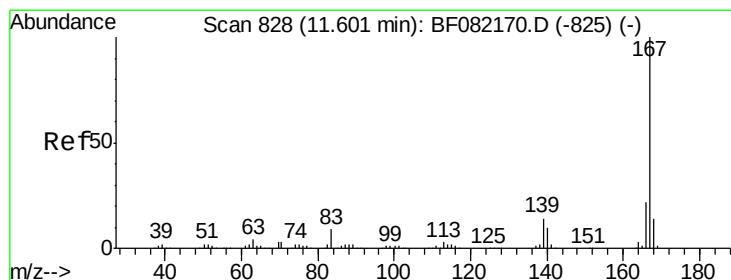
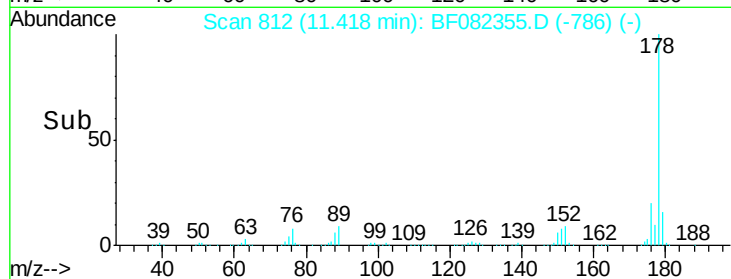
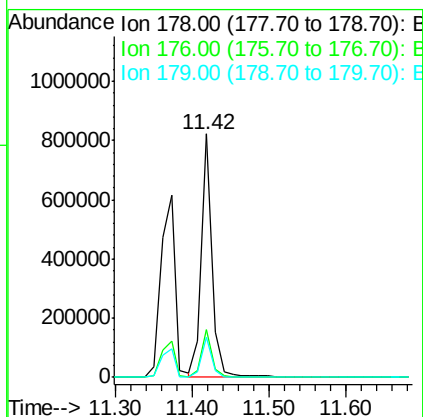
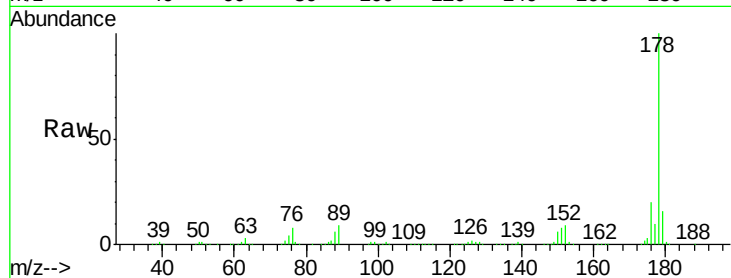




#71
 Anthracene
 Concen: 41.38 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

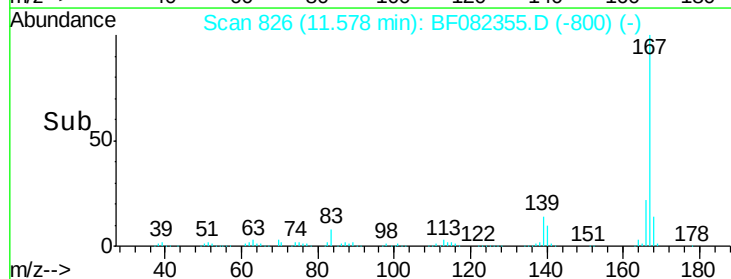
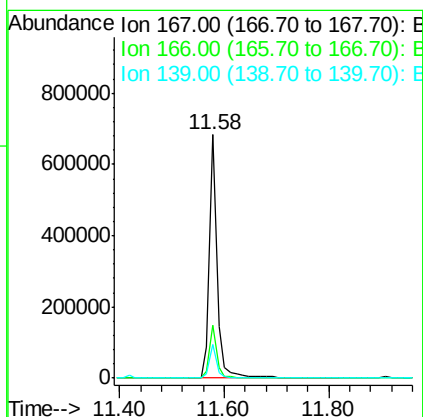
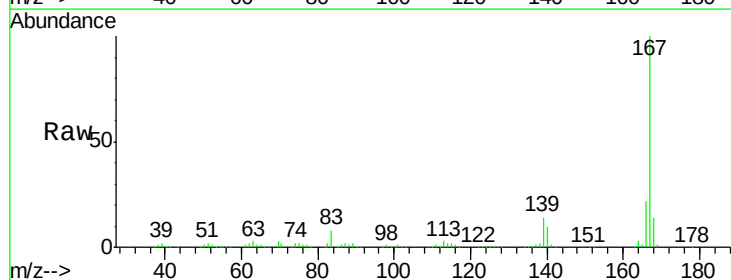
Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

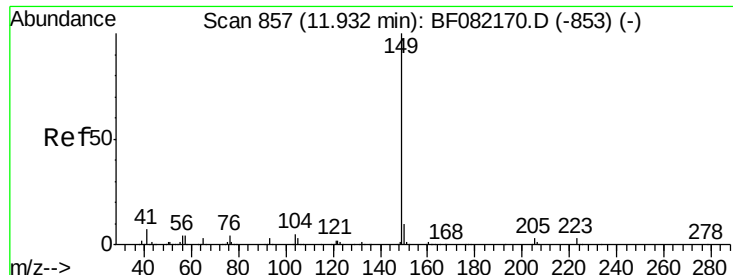
Tot Ion:178 Resp: 790765
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 40.12 ng
 RT: 11.58 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:167 Resp: 699319
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 42.91 ng

RT: 11.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

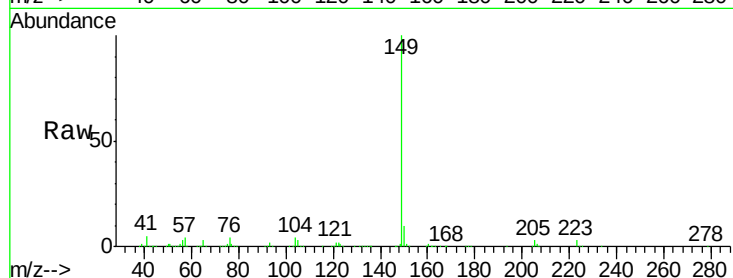
Tot Ion:149 Resp: 922703

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

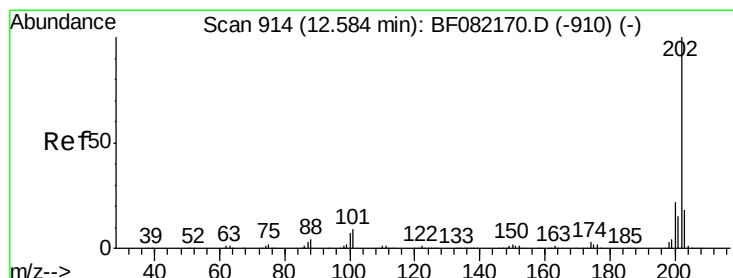
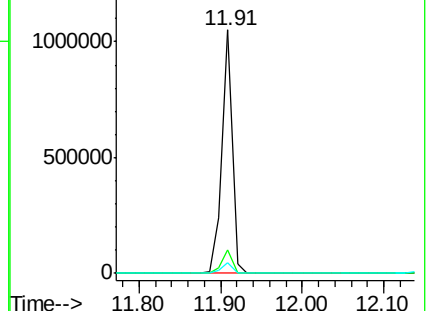
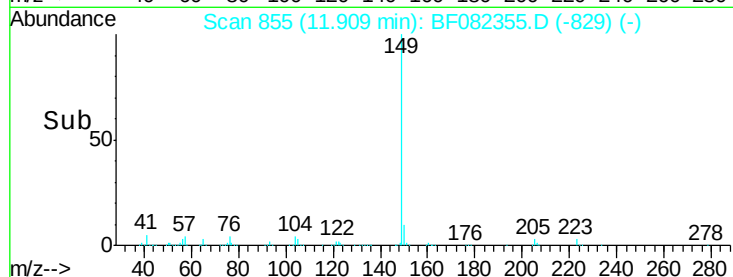
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.19 ng

RT: 12.56 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

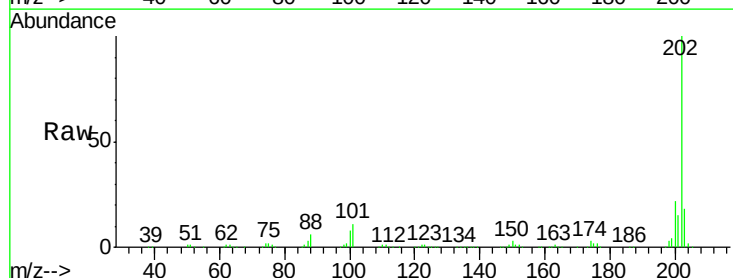
Tgt Ion:202 Resp: 820405

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

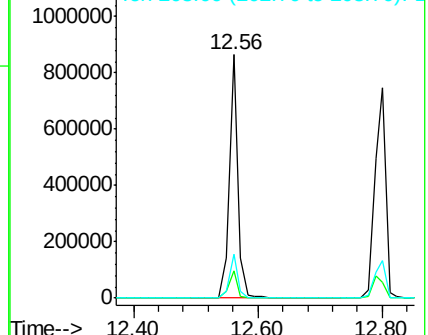
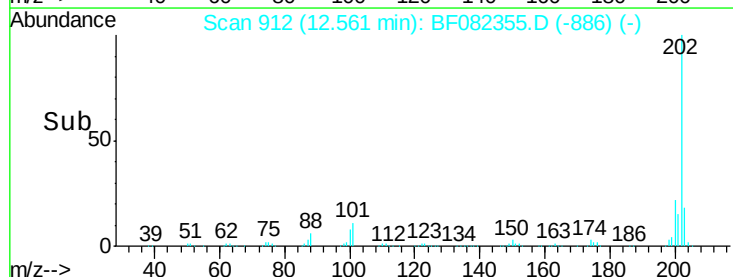
203 18.1 0.0 37.8

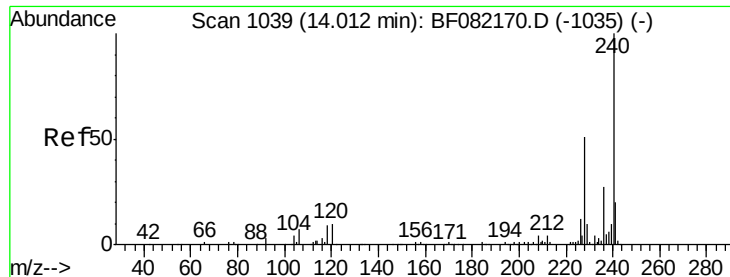


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

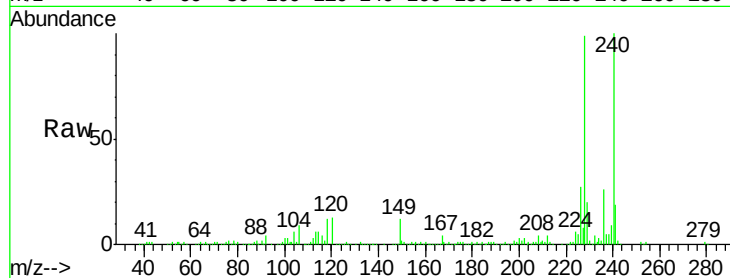
Tot Ion:240 Resp: 353538

Ion Ratio Lower Upper

240 100

120 12.7 8.1 12.1#

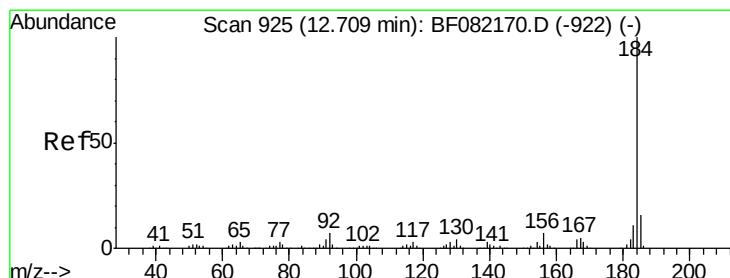
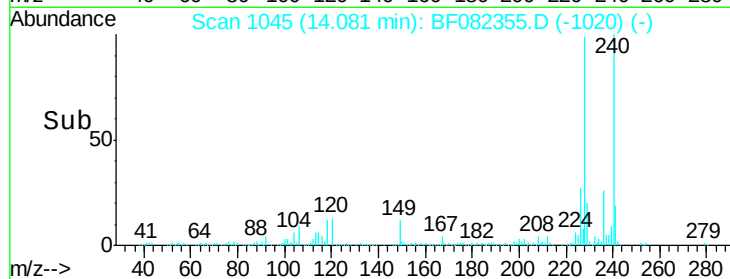
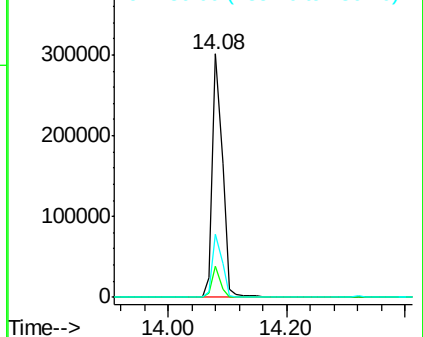
236 26.0 21.3 31.9



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: 25.99 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

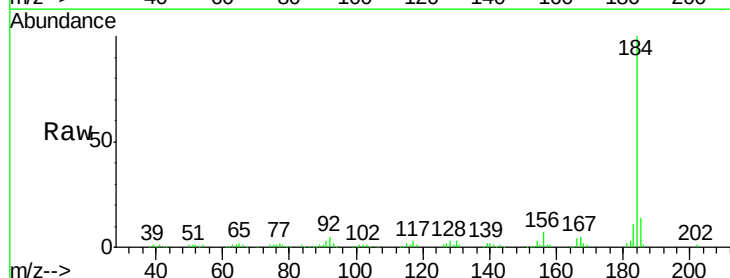
Tgt Ion:184 Resp: 266283

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

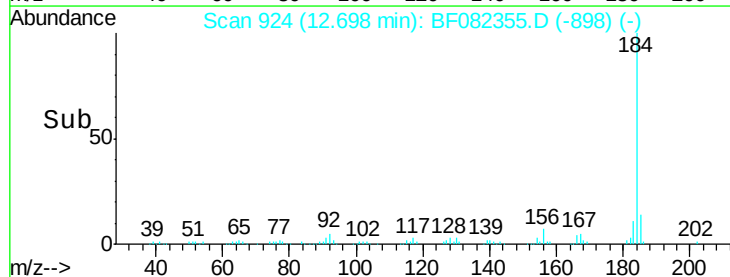
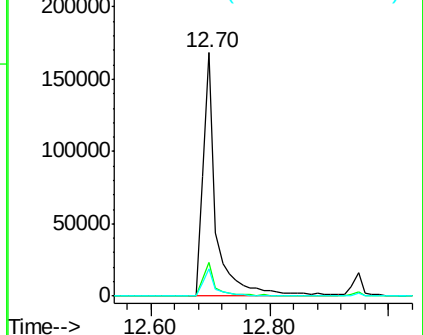
183 11.4 9.1 13.7

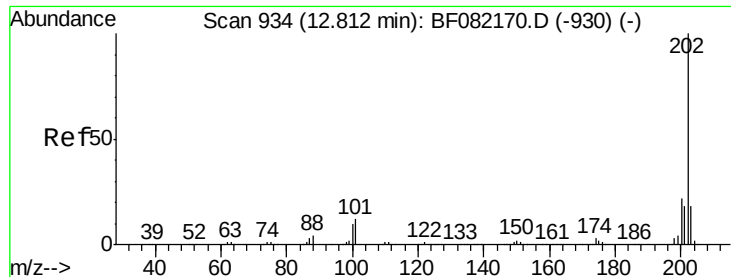


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

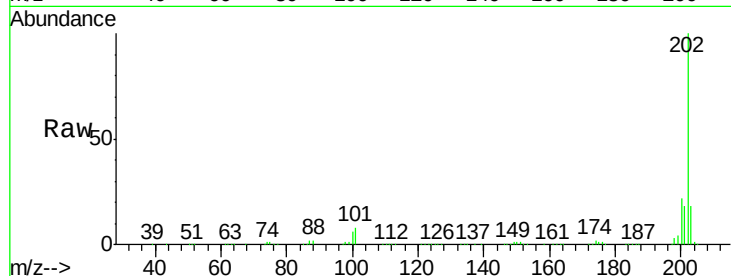




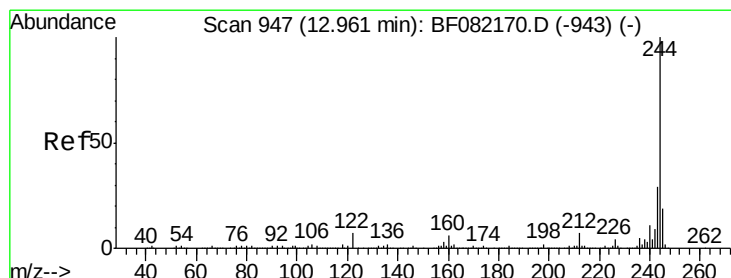
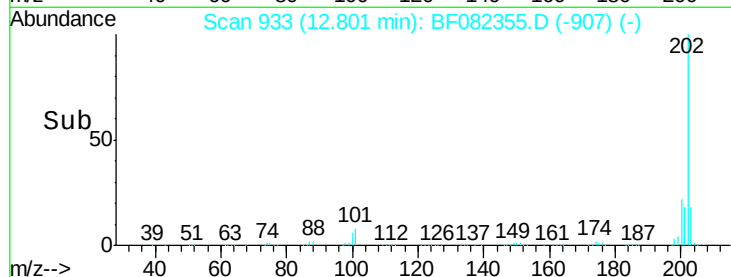
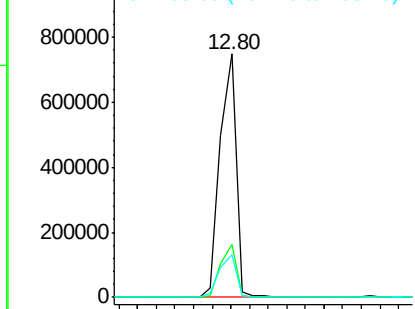
#77
Pvrene
Concen: 42.76 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:202 Resp: 897180
Ion Ratio Lower Upper
202 100
200 21.9 17.9 26.9
203 17.7 14.5 21.7

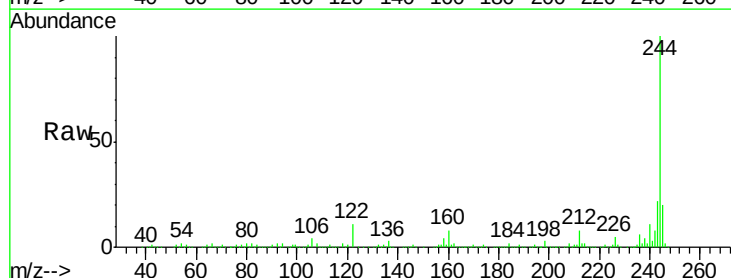


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

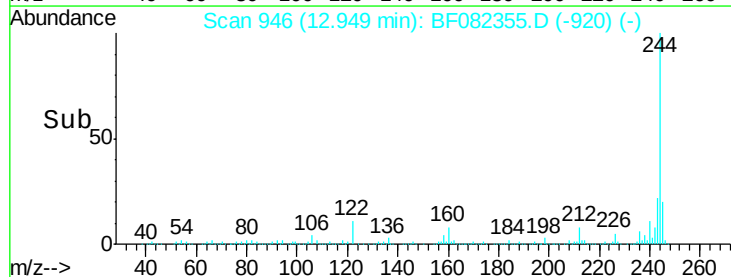
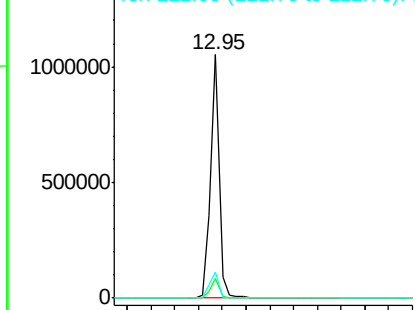


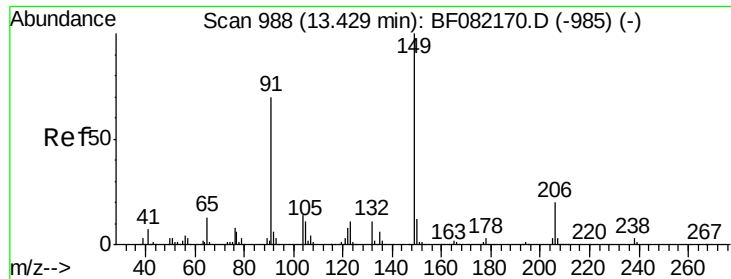
#78
Terphenyl-d14
Concen: 80.24 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:244 Resp: 1070564
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 10.6 5.9 8.9#



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

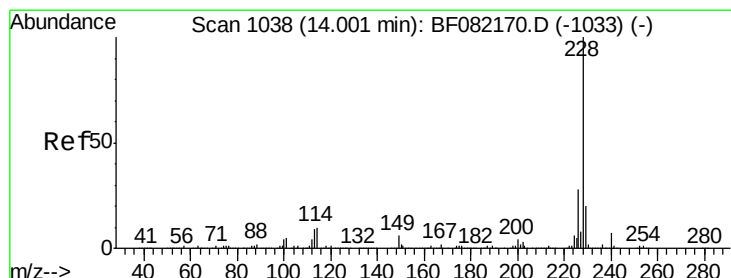
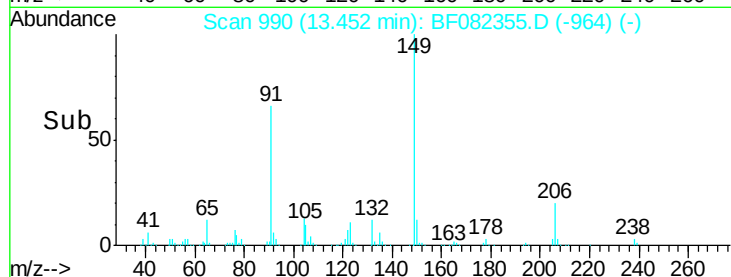
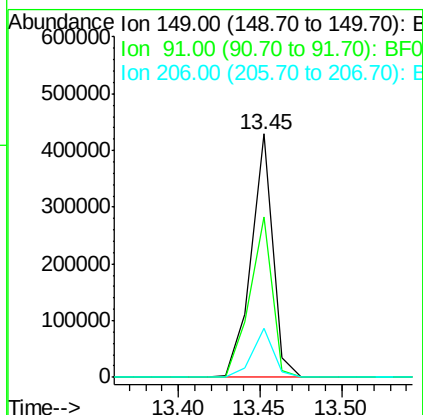
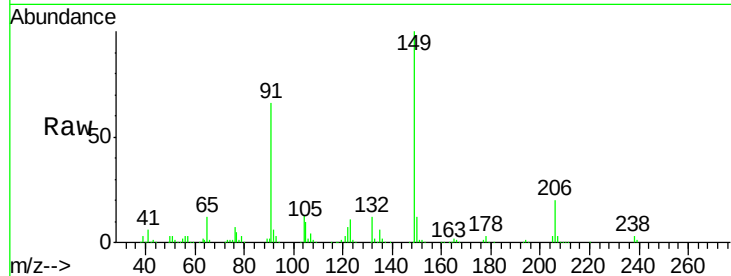




#79
Butylbenzylphthalate
Concen: 41.40 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

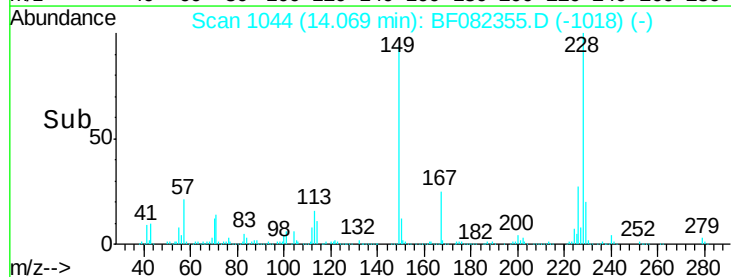
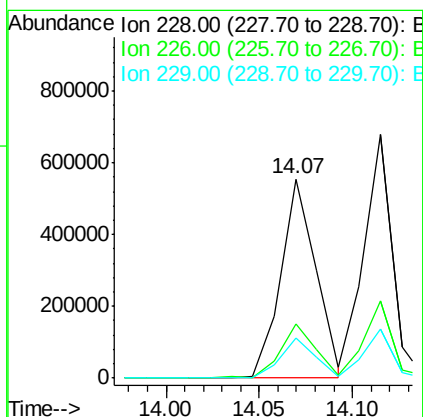
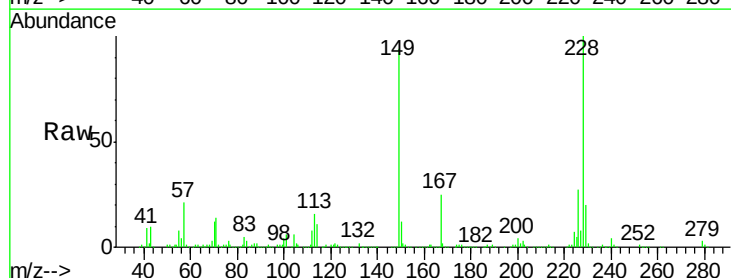
Instrument :
BNA_F
ClientSampleId :
PB86137BS

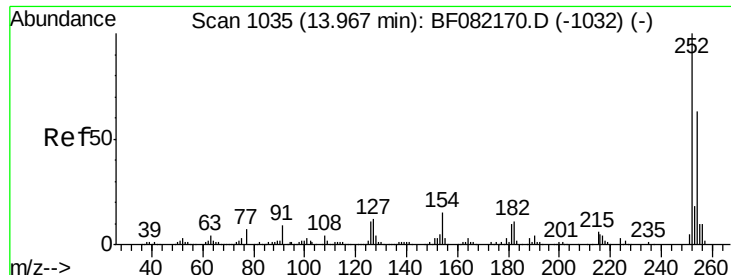
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	55.7	83.5
206	20.3	15.6	23.4



#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	20.0	16.2	24.2

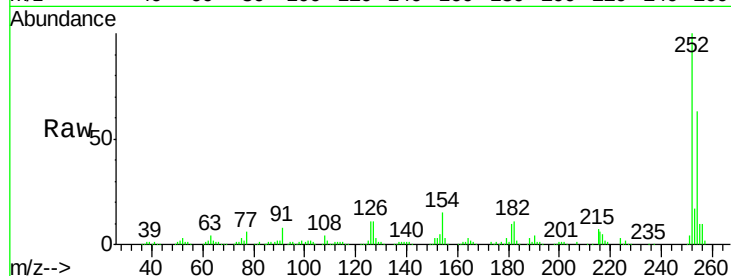




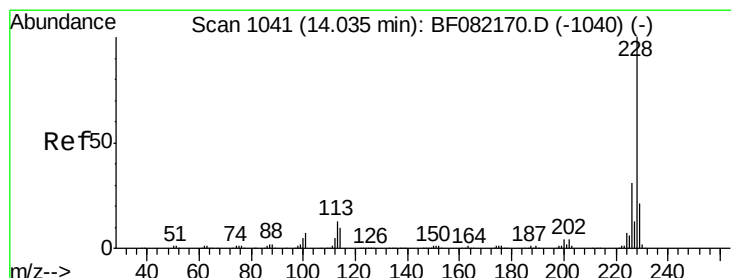
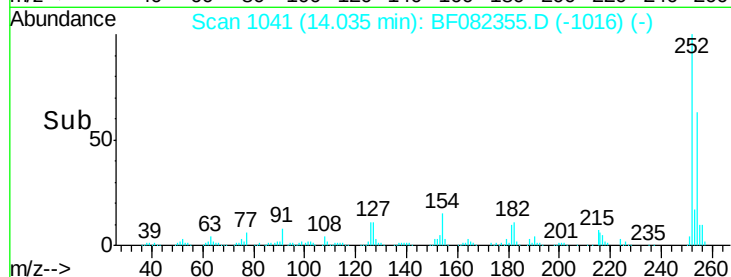
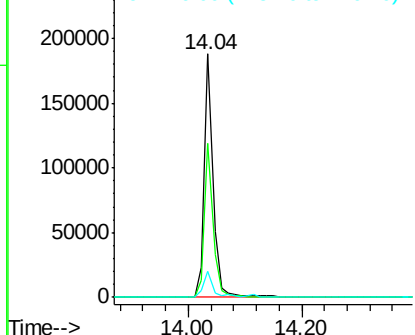
#81
 3,3'-Dichlorobenzidine
 Concen: 28.11 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion:252 Resp: 196240
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 10.7 9.0 13.6

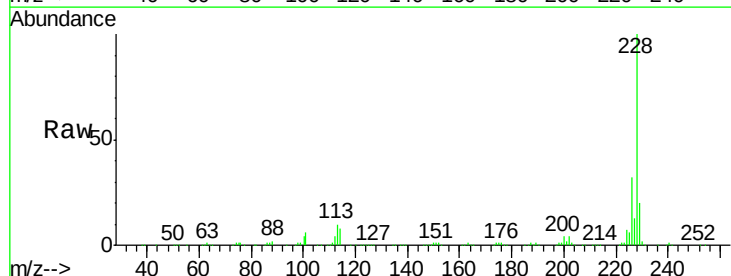


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

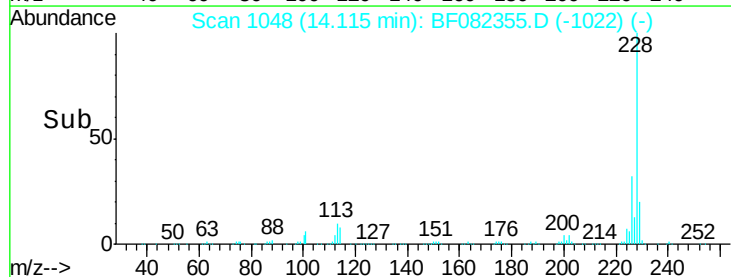
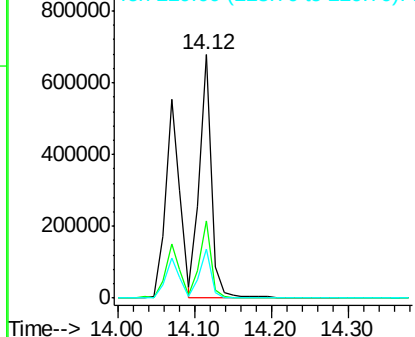


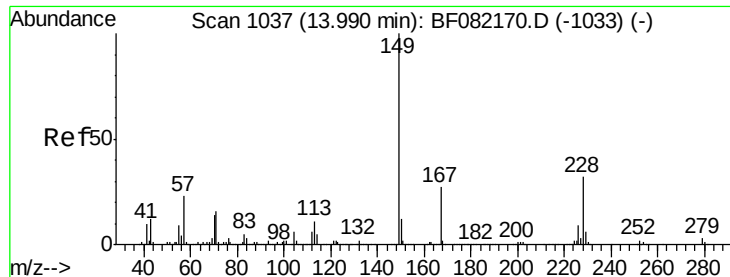
#82
 Chrysene
 Concen: 37.47 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:228 Resp: 726163
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.4 36.6
 229 20.2 16.3 24.5



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

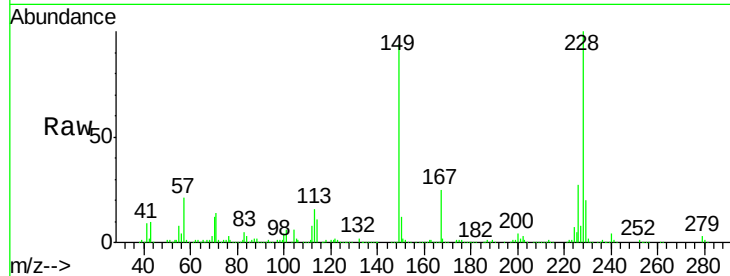




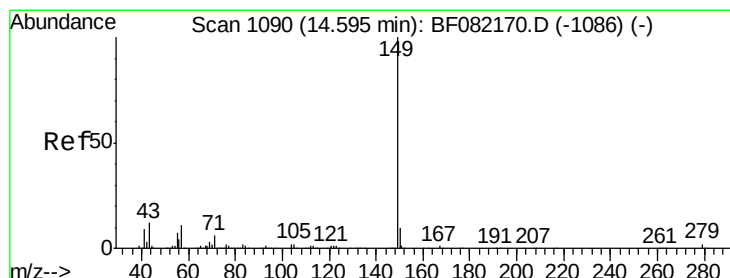
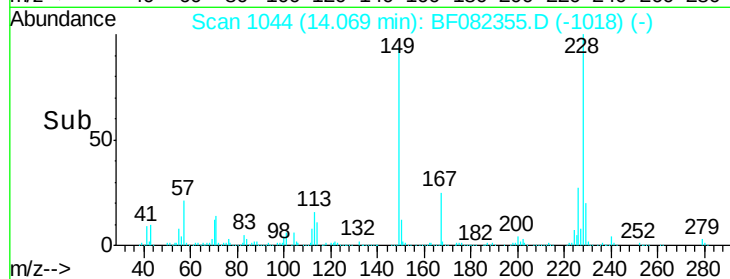
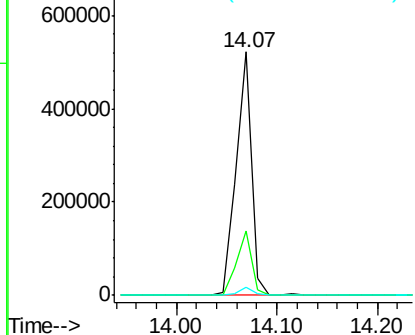
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.59 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

Tot Ion:149 Resp: 554451
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.2 2.6 4.0

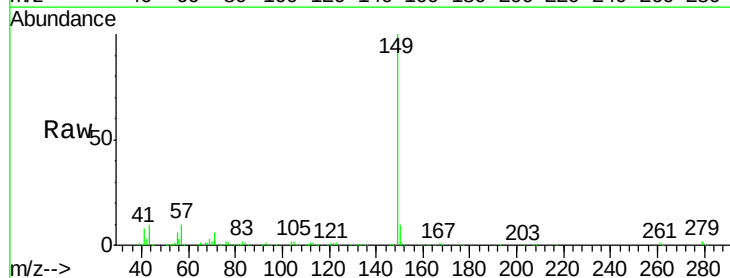


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

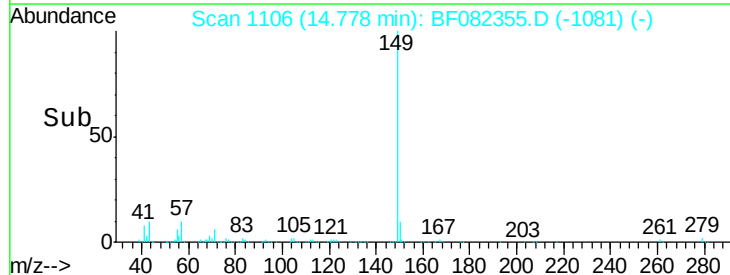
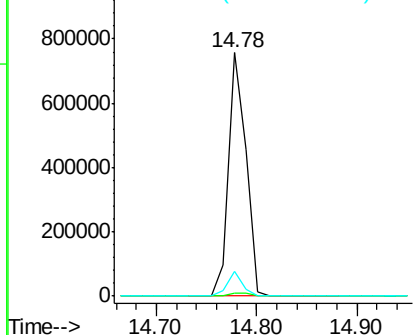


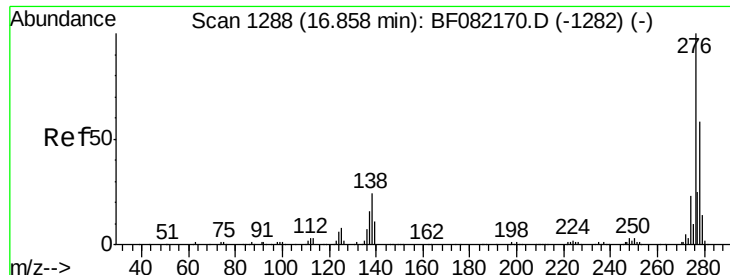
#84
 Di-n-octyl phthalate
 Concen: 38.86 ng
 RT: 14.78 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:149 Resp: 911689
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.0 7.4 11.2



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

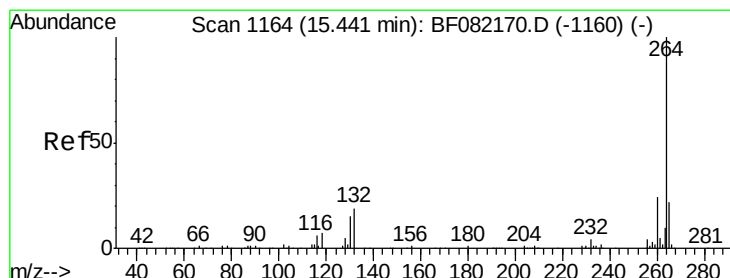
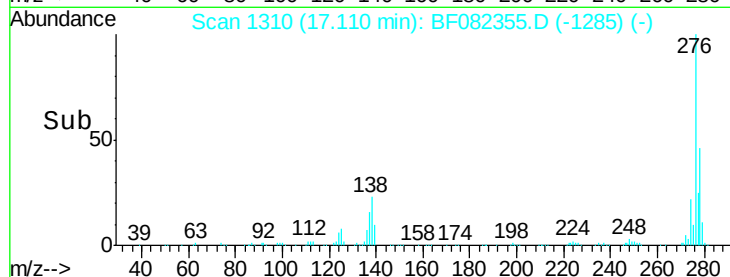
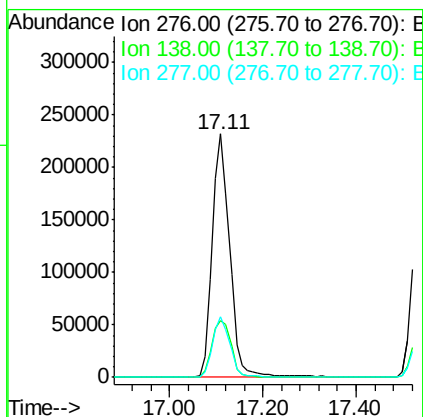
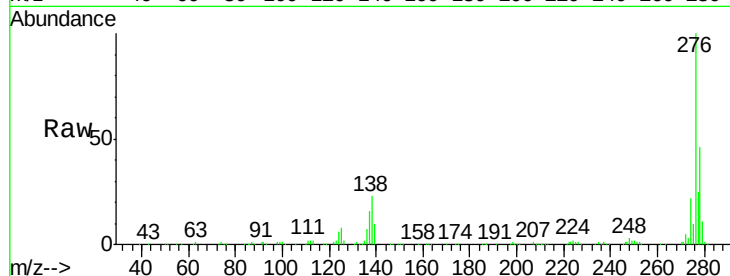




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.47 ng
 RT: 17.11 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

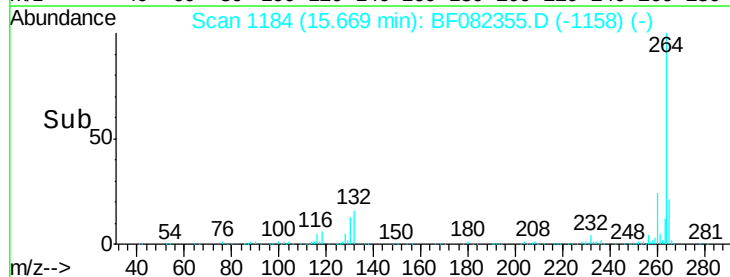
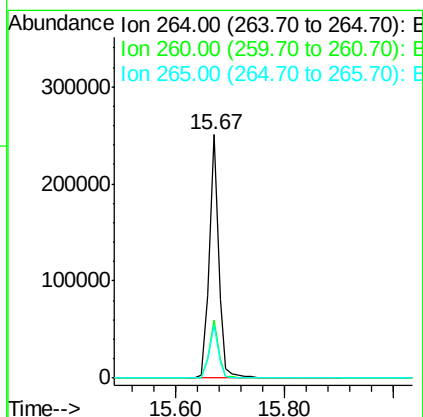
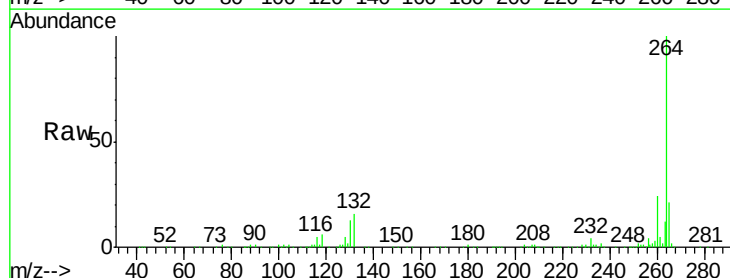
Instrument :
 BNA_F
 ClientSampleId :
 PB86137BS

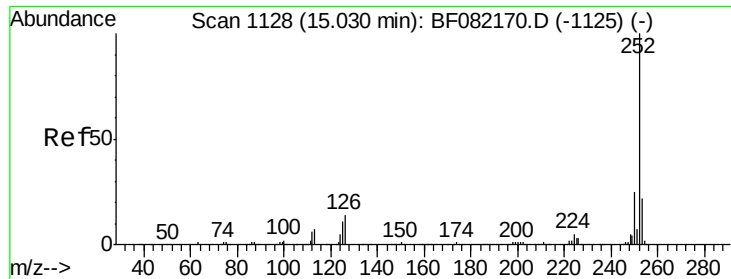
Tot Ion:276 Resp: 608027
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.7 29.5
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.67 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF082355.D
 Acq: 19 Oct 2015 15:02

Tgt Ion:264 Resp: 306752
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 72.33 ng

RT: 15.28 min Scan# 1150

Delta R.T. 0.03 min

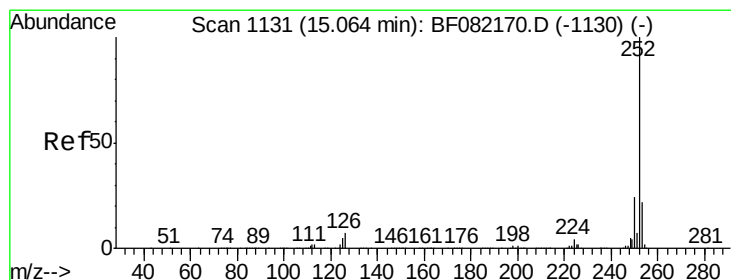
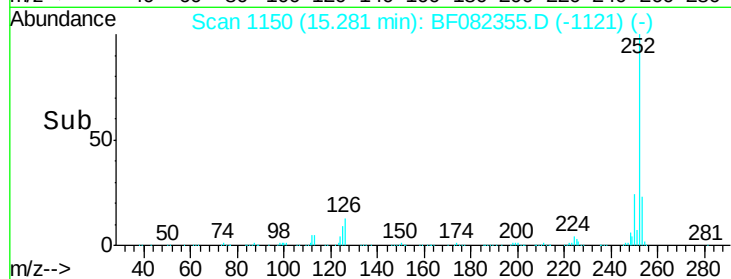
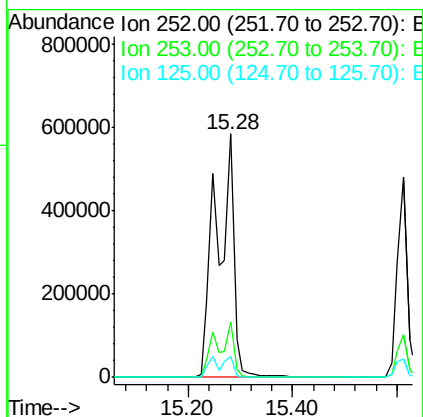
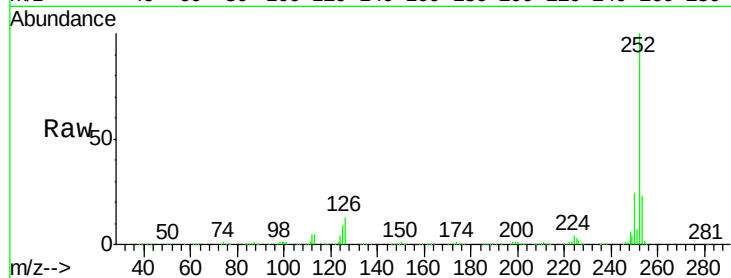
Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:252 Resp: 1349836

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	8.7	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 86.19 ng

RT: 15.28 min Scan# 1150

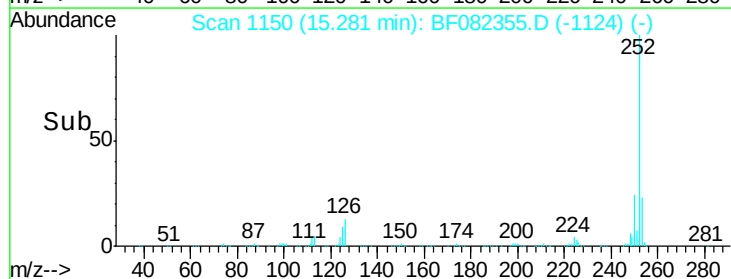
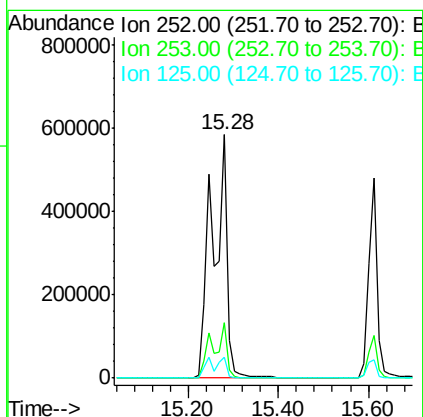
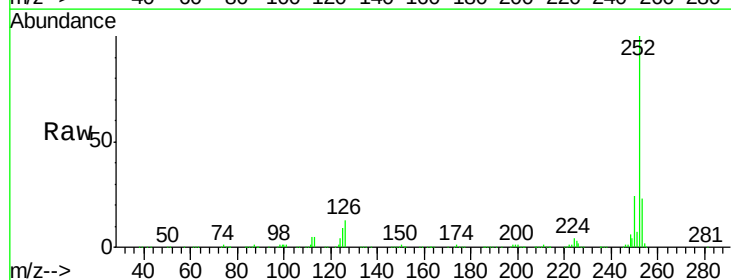
Delta R.T. -0.00 min

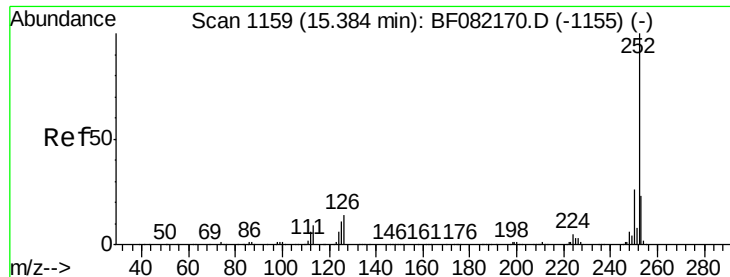
Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Tgt Ion:252 Resp: 1352058

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.7	6.7	10.1

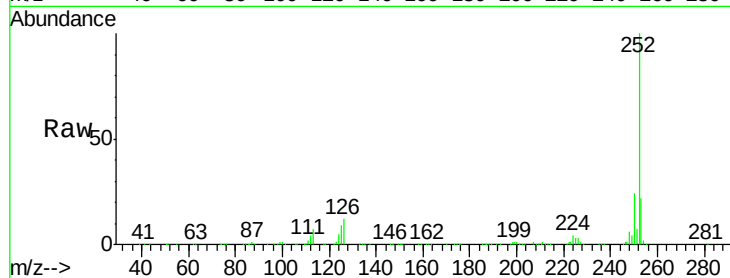




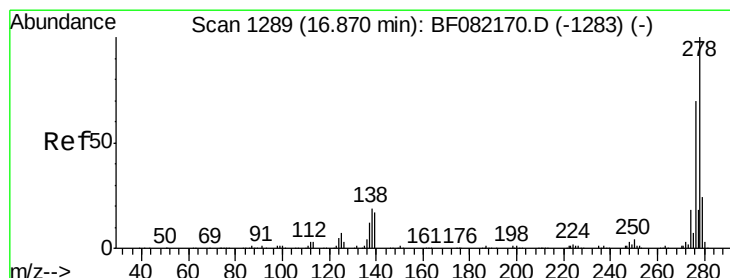
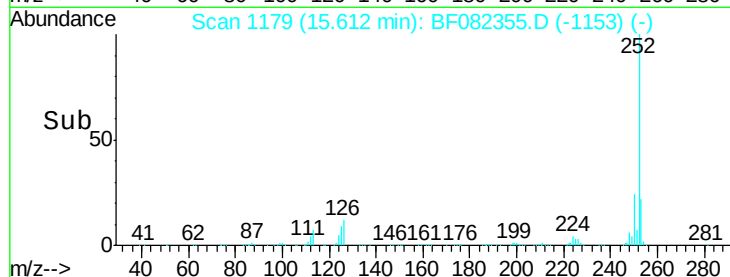
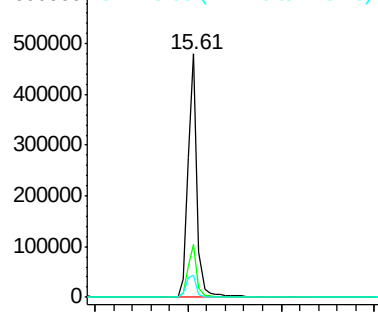
#89
Benzo(a)pyrene
Concen: 39.88 ng
RT: 15.61 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Instrument :
BNA_F
ClientSampleId :
PB86137BS

Tot Ion:252 Resp: 639601
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 8.9 8.9 13.3

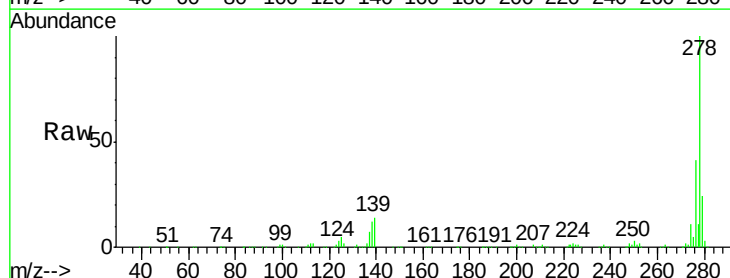


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

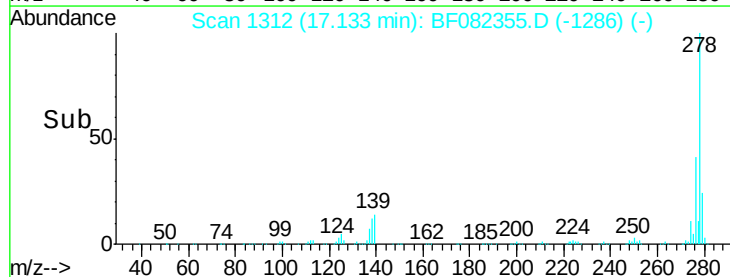
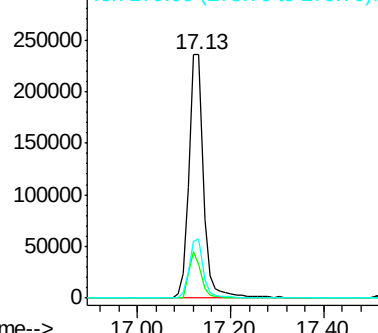


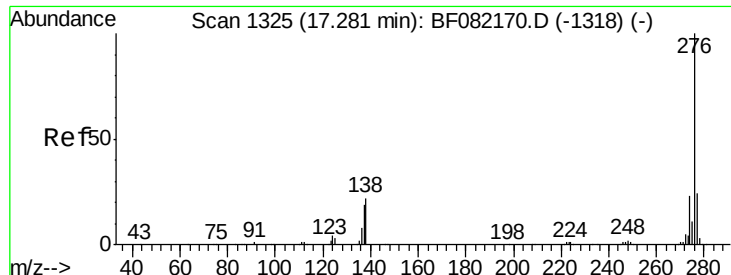
#90
Dibenzo(a,h)anthracene
Concen: 39.06 ng
RT: 17.13 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF082355.D
Acq: 19 Oct 2015 15:02

Tgt Ion:278 Resp: 513385
Ion Ratio Lower Upper
278 100
139 14.0 13.3 19.9
279 24.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.42 ng

RT: 17.54 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF082355.D

Acq: 19 Oct 2015 15:02

Instrument :

BNA_F

ClientSampleId :

PB86137BS

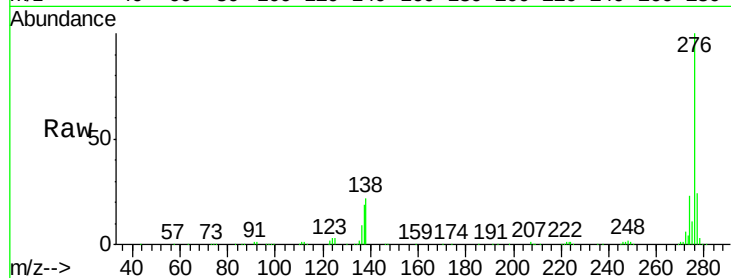
Tot Ion:276 Resp: 490581

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 21.9 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

