

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082482.D
 Acq On : 23 Oct 2015 23:17
 Operator : UM/IZ
 Sample : PB86276BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Quant Time: Oct 24 04:54:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107556	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	437966	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	220041	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	433384	20.00	ng	0.00
75) Chrysene-d12	13.94	240	374238	20.00	ng	-0.01
86) Perylene-d12	15.40	264	321792	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	707543	132.77	ng	0.01
7) Phenol-d6	6.41	99	842429	121.47	ng	0.00
23) Nitrobenzene-d5	7.33	82	535775	82.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	210406	101.96	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1117744	84.24	ng	-0.01
78) Terphenyl-d14	12.88	244	1213877	85.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	79434	29.67	ng	96
3) Pyridine	3.01	79	218869	35.15	ng	99
4) n-Nitrosodimethylamine	2.98	42	95941	36.32	ng	95
6) Aniline	6.42	93	253867	28.39	ng	# 1
8) 2-Chlorophenol	6.54	128	242505	37.27	ng	# 76
9) Benzaldehyde	6.30	77	90305	25.50	ng	93
10) Phenol	6.42	94	338259	42.30	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	246680	36.48	ng	94
12) 1,3-Dichlorobenzene	6.69	146	276145	36.45	ng	97
13) 1,4-Dichlorobenzene	6.77	146	283085	35.78	ng	95
14) 1,2-Dichlorobenzene	6.77	146	284899	37.92	ng	97
15) Benzyl Alcohol	6.91	79	191781	40.06	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	341701	36.29	ng	81
17) 2-Methylphenol	7.03	107	202929	39.44	ng	94
18) Hexachloroethane	7.26	117	96804	35.74	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	167656	34.42	ng	# 89
20) 3+4-Methylphenols	7.19	107	259419	42.32	ng	# 62
22) Acetophenone	7.18	105	351343	40.55	ng	# 89
24) Nitrobenzene	7.35	77	273162	38.70	ng	94
25) Isophorone	7.59	82	491942	37.37	ng	98
26) 2-Nitrophenol	7.67	139	142481	40.42	ng	94
27) 2,4-Dimethylphenol	7.71	122	245862	43.29	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	303029	39.57	ng	99
29) 2,4-Dichlorophenol	7.91	162	229950	40.51	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	249094	38.07	ng	98
31) Naphthalene	8.07	128	745006	39.24	ng	100
32) Benzoic acid	7.86	122	118473	31.08	ng	98
33) 4-Chloroaniline	8.13	127	156618	19.86	ng	96
34) Hexachlorobutadiene	8.18	225	138954	34.08	ng	97
35) Caprolactam	8.50	113	47501	28.83	ng	# 74
36) 4-Chloro-3-methylphenol	8.63	107	234160	42.18	ng	86
37) 2-Methylnaphthalene	8.75	142	485846	36.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	264417	40.40	ng	98
40) Hexachlorocyclopentadiene	8.90	237	173979	55.38	ng	98

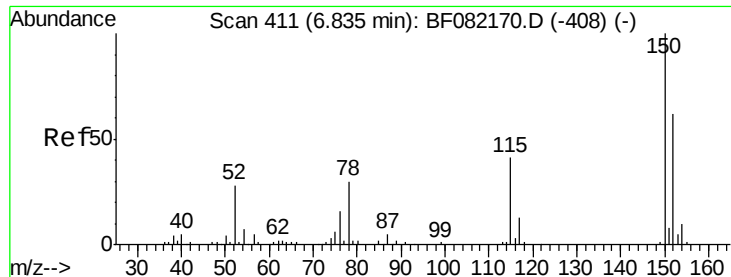
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082482.D
 Acq On : 23 Oct 2015 23:17
 Operator : UM/IZ
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 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	154706	35.59	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	166174	35.29	nq	97
45) 1,1'-Biphenyl	9.22	154	612711	36.52	nq	98
46) 2-Chloronaphthalene	9.25	162	480152	36.35	nq	# 93
47) 2-Nitroaniline	9.36	65	152680	42.10	nq	# 70
48) Acenaphthylene	9.67	152	802943	39.02	nq	99
49) Dimethylphthalate	9.53	163	582905	37.62	nq	100
50) 2,6-Dinitrotoluene	9.60	165	129062	39.48	nq	# 86
51) Acenaphthene	9.84	154	464221	37.58	nq	99
52) 3-Nitroaniline	9.77	138	78213	21.18	nq	99
53) 2,4-Dinitrophenol	9.89	184	120924	67.29	nq	97
54) Dibenzofuran	10.01	168	711652	41.96	nq	98
55) 4-Nitrophenol	9.95	139	132987	58.42	nq	# 84
56) 2,4-Dinitrotoluene	10.01	165	173356	42.42	nq	89
57) Fluorene	10.35	166	577469	41.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	149780	38.93	nq	94
59) Diethylphthalate	10.23	149	578426	40.05	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	257414	40.34	nq	97
61) 4-Nitroaniline	10.39	138	131612	36.74	nq	93
62) Azobenzene	10.50	77	570932	40.39	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	97072	39.91	nq	83
65) n-Nitrosodiphenylamine	10.47	169	492675	37.97	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	169536	39.09	nq	95
67) Hexachlorobenzene	10.89	284	168245	35.87	nq	# 62
68) Atrazine	11.01	200	175220	42.62	nq	94
69) Pentachlorophenol	11.10	266	157859	65.40	nq	98
70) Phenanthrene	11.32	178	855444	40.27	nq	100
71) Anthracene	11.36	178	886836	40.51	nq	99
72) Carbazole	11.53	167	799934	40.06	nq	97
73) Di-n-butylphthalate	11.85	149	913975	37.10	nq	100
74) Fluoranthene	12.50	202	958051	41.99	nq	99
76) Benzidine	12.63	184	378203	34.87	nq	99
77) Pyrene	12.73	202	945446	42.57	nq	99
79) Butylbenzylphthalate	13.35	149	410354	40.49	nq	90
80) Benzo(a)anthracene	13.93	228	792841	40.72	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	204890	27.72	nq	99
82) Chrysene	13.98	228	759429	37.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	582276	40.27	nq	99
84) Di-n-octyl phthalate	14.56	149	1007625	40.58	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	660163	40.48	nq	98
87) Benzo(b)fluoranthene	15.03	252	1479863	75.59	nq	# 98
88) Benzo(k)fluoranthene	15.03	252	1480444	89.97	nq	100
89) Benzo(a)pyrene	15.35	252	698294	41.50	nq	# 95
90) Dibenzo(a,h)anthracene	16.80	278	557535	40.44	nq	97
91) Benzo(g,h,i)perylene	17.20	276	530456	39.60	nq	99

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

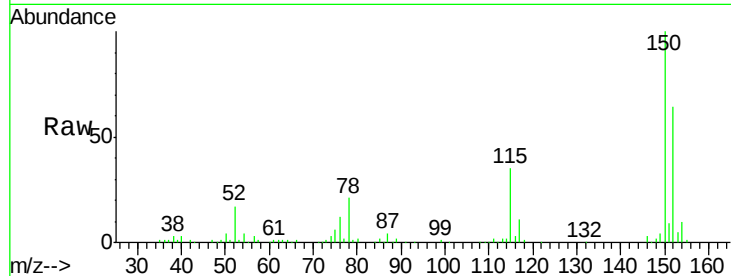


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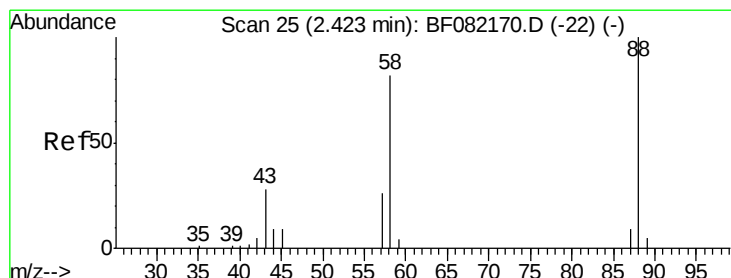
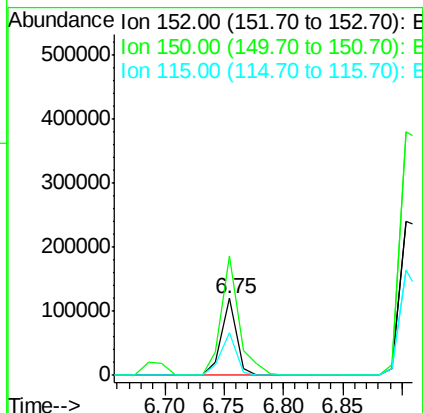
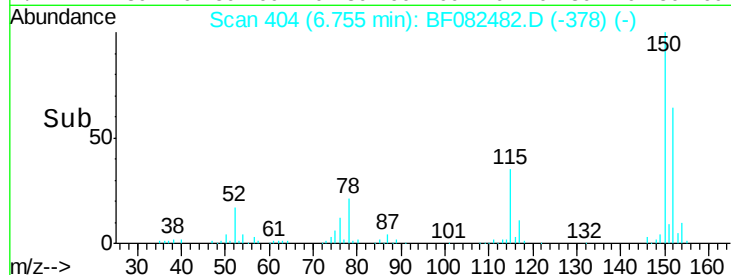
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:152 Resp: 107556
Ion Ratio Lower Upper
152 100
150 155.8 129.0 193.4
115 54.9 52.1 78.1



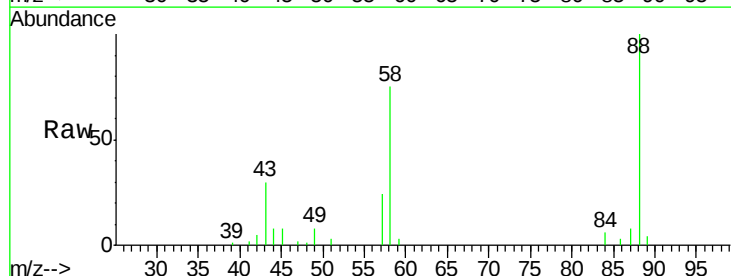
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



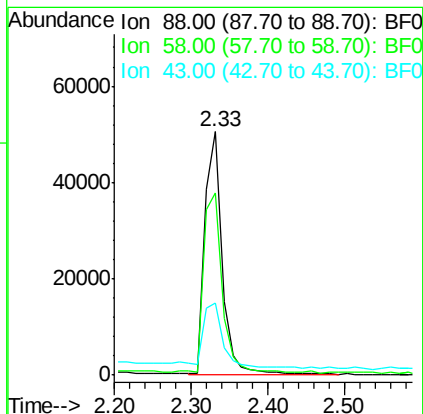
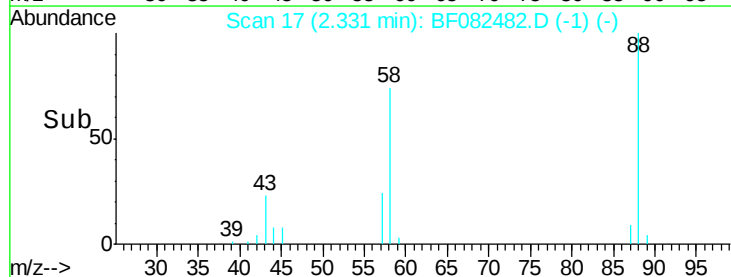
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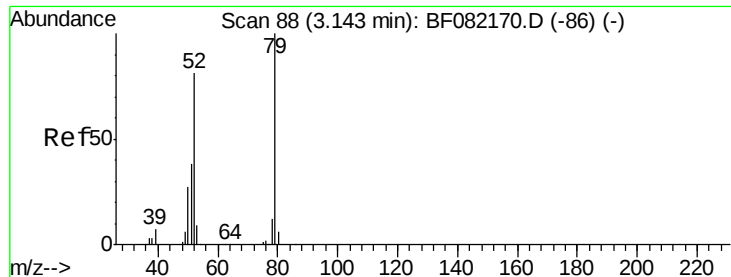
1,4-Dioxane
Concen: 29.67 ng
RT: 2.33 min Scan# 17
Delta R.T. 0.07 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion: 88 Resp: 79434
Ion Ratio Lower Upper
88 100
58 78.0 66.2 99.4
43 28.5 23.0 34.4



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

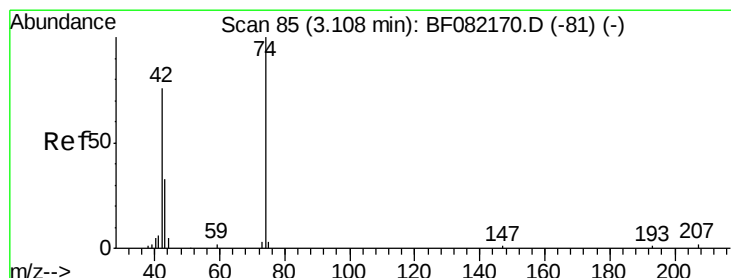
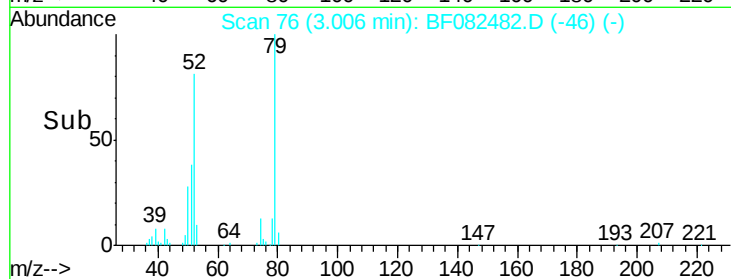
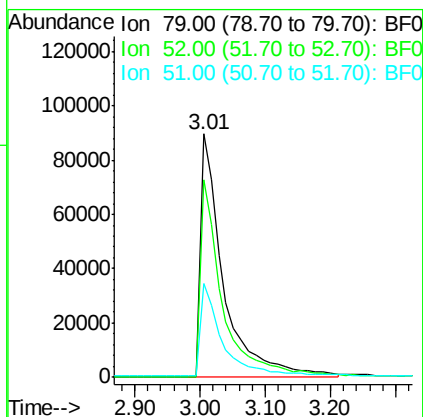
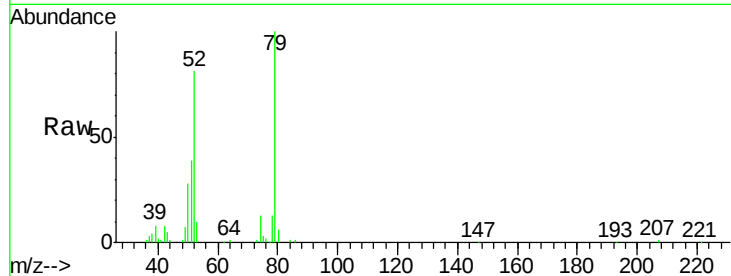




#3
 Pvridine
 Concen: 35.15 ng
 RT: 3.01 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

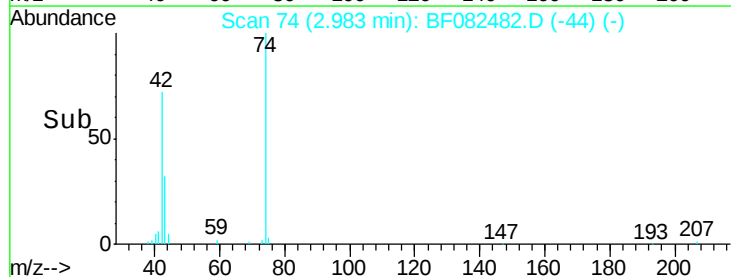
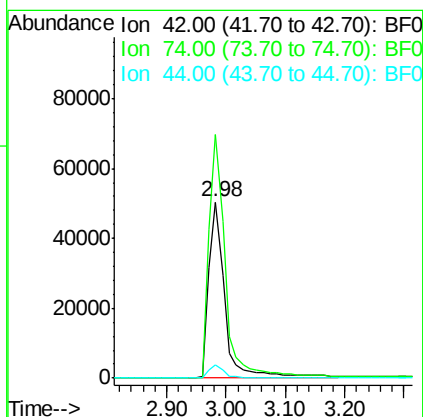
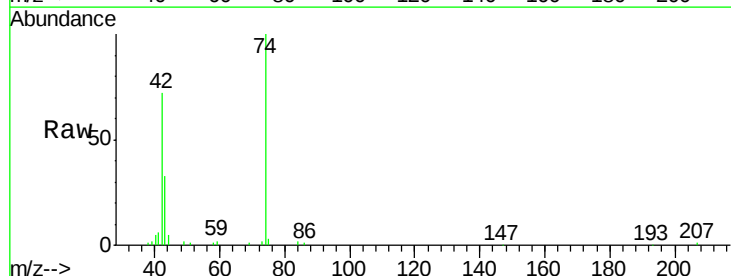
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion: 79 Resp: 218869
 Ion Ratio Lower Upper
 79 100
 52 81.1 64.4 96.6
 51 38.8 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 36.32 ng
 RT: 2.98 min Scan# 74
 Delta R.T. 0.05 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion: 42 Resp: 95941
 Ion Ratio Lower Upper
 42 100
 74 138.0 105.7 158.5
 44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 132.77 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

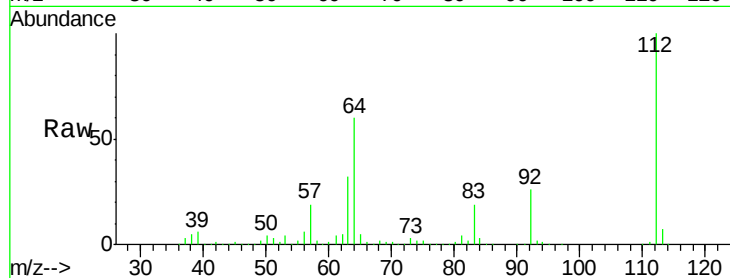
Tot Ion:112 Resp: 707543

Ion Ratio Lower Upper

112 100

64 60.0 48.6 73.0

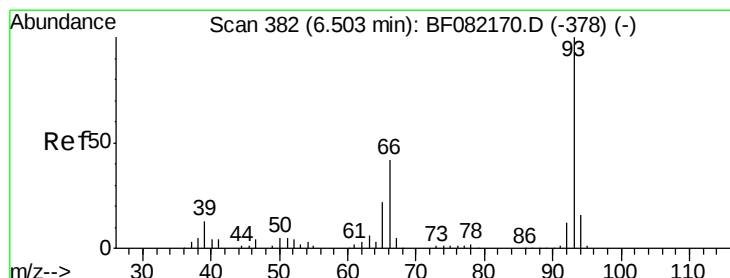
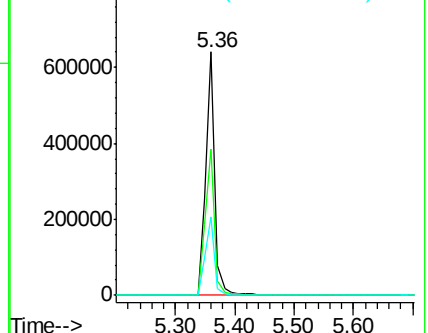
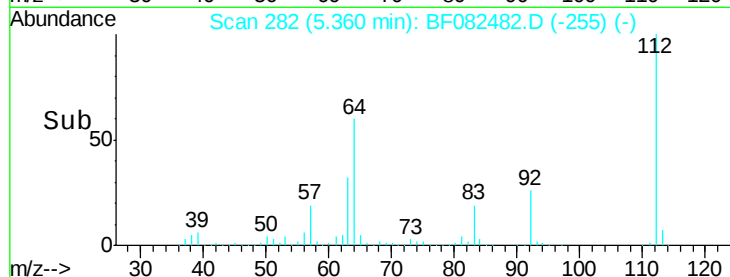
63 32.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.39 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

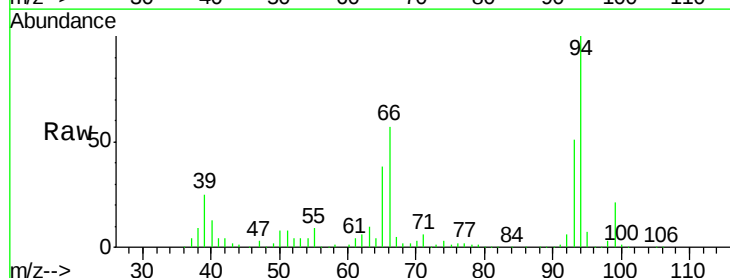
Tgt Ion: 93 Resp: 253867

Ion Ratio Lower Upper

93 100

66 111.8 34.2 51.2#

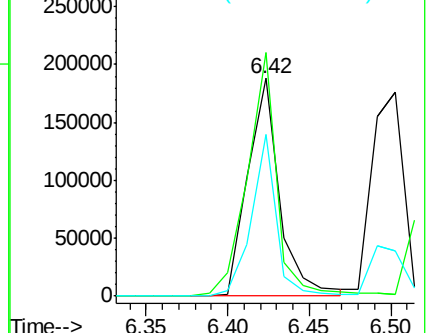
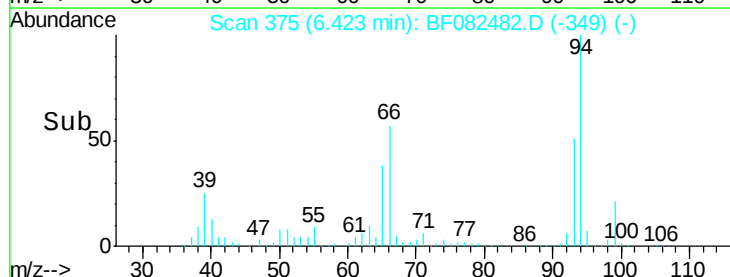
65 74.2 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.47 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

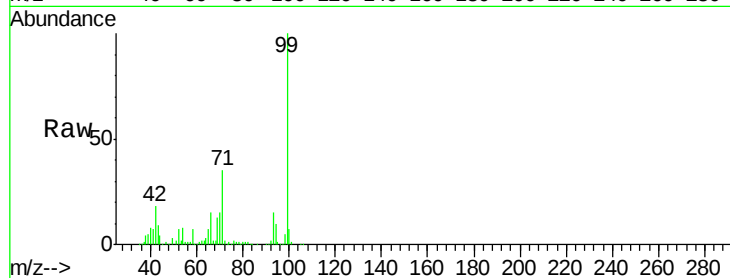
Tot Ion: 99 Resp: 842429

Ion Ratio Lower Upper

99 100

42 17.6 13.2 19.8

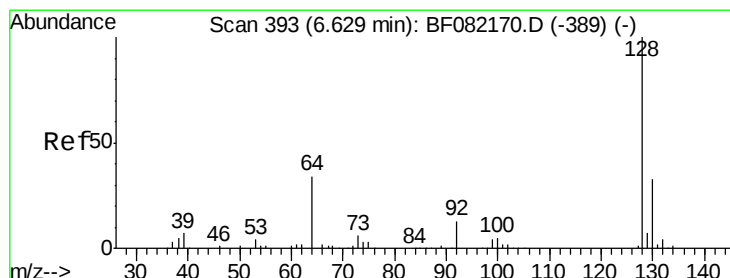
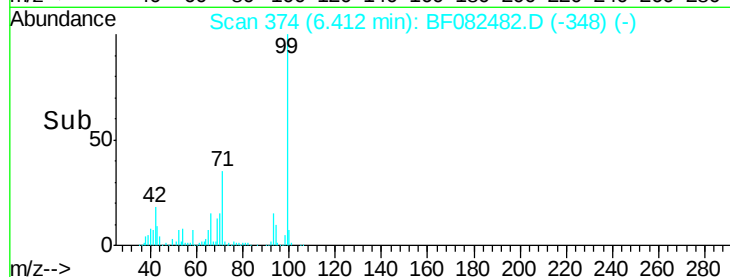
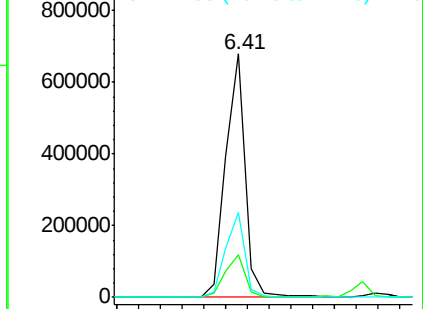
71 34.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.27 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

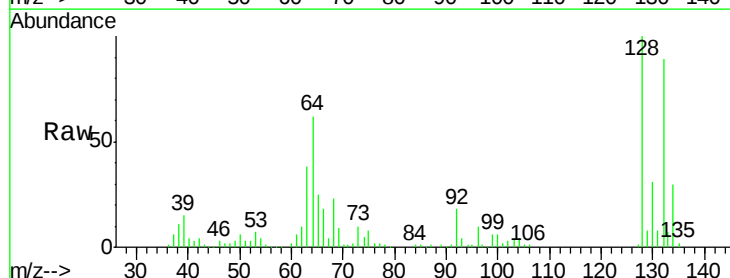
Tgt Ion: 128 Resp: 242505

Ion Ratio Lower Upper

128 100

130 31.2 12.6 52.6

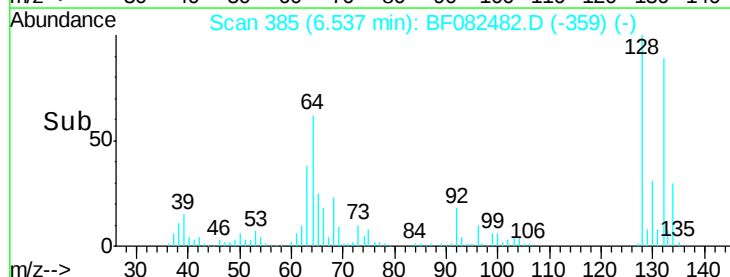
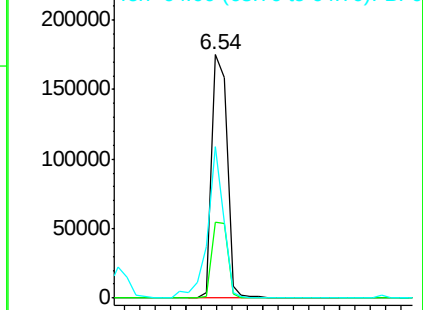
64 62.4 16.7 56.7#

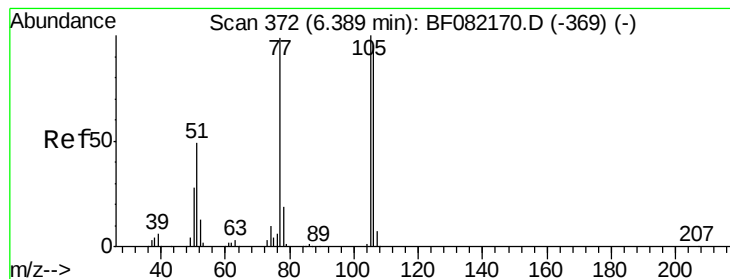


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.50 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

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PB86276BS

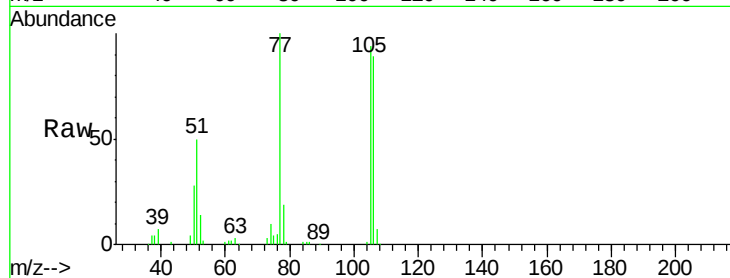
Tot Ion: 77 Resp: 90305

Ion Ratio Lower Upper

77 100

105 93.9 80.6 120.6

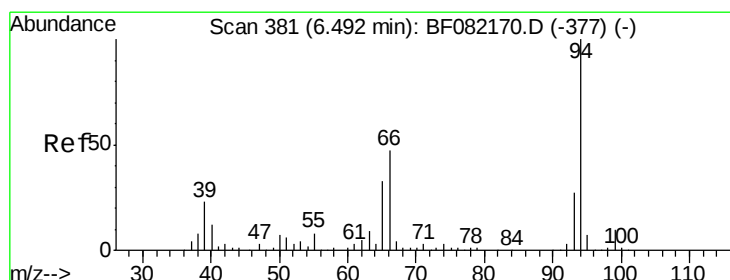
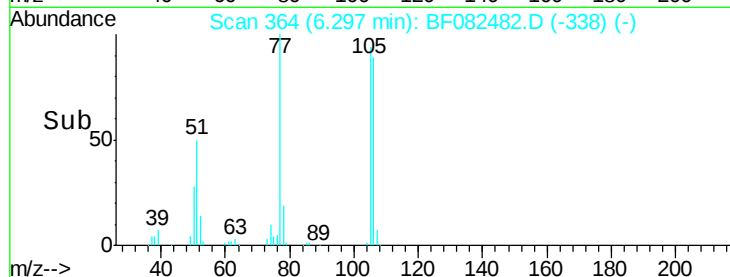
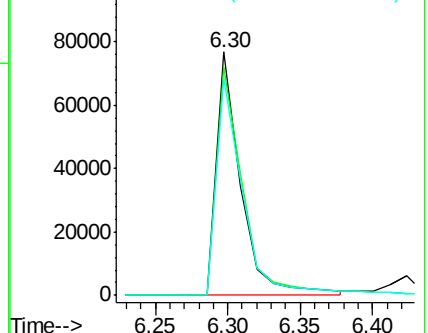
106 89.1 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.30 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

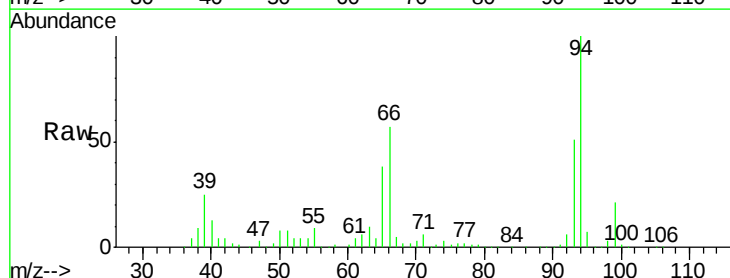
Tgt Ion: 94 Resp: 338259

Ion Ratio Lower Upper

94 100

65 38.1 12.6 52.6

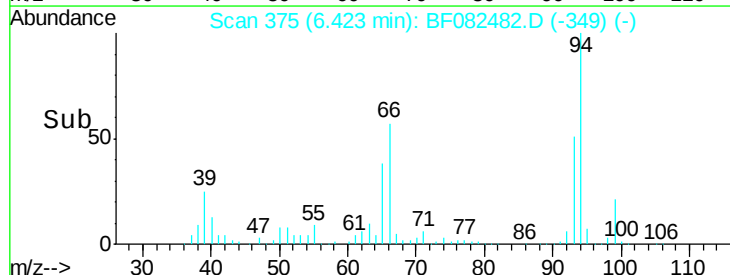
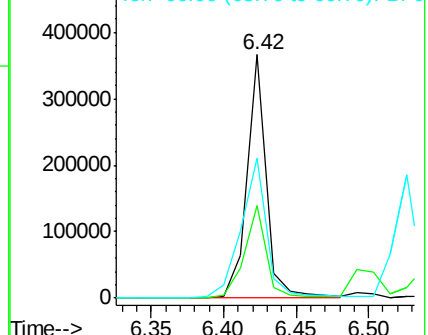
66 57.4 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.48 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

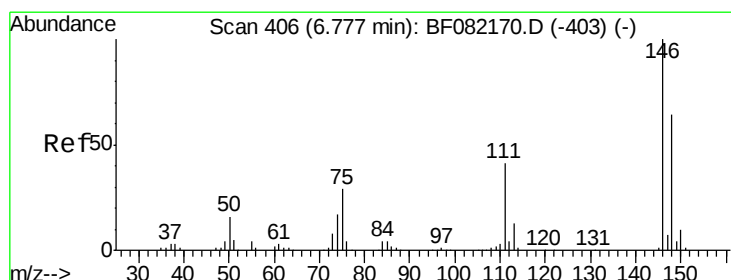
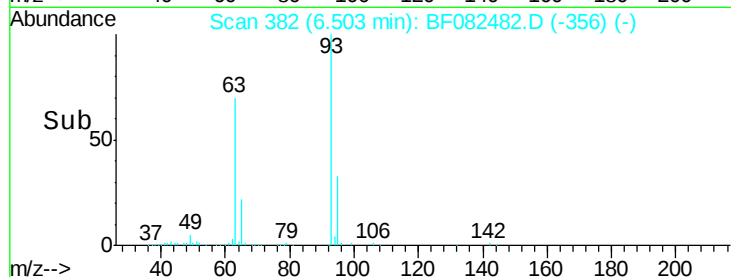
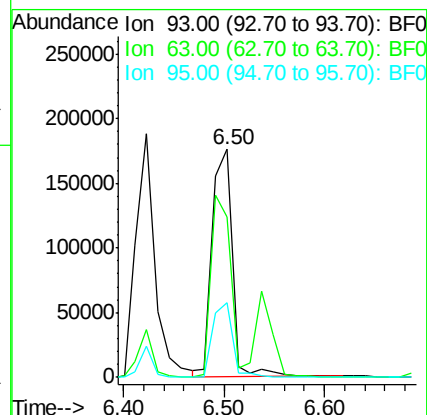
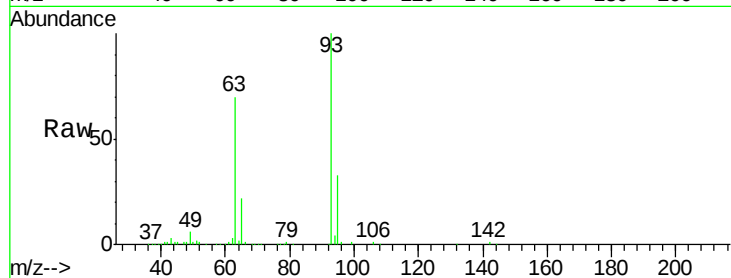
Tot Ion: 93 Resp: 246680

Ion Ratio Lower Upper

93 100

63 70.4 57.1 97.1

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 36.45 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

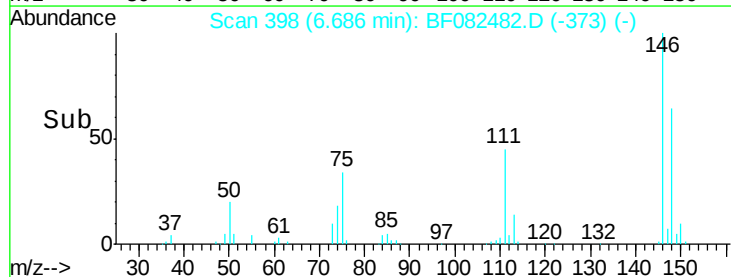
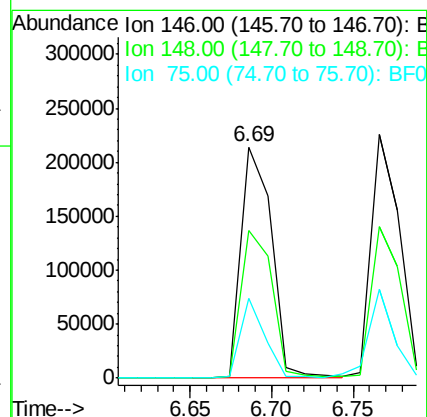
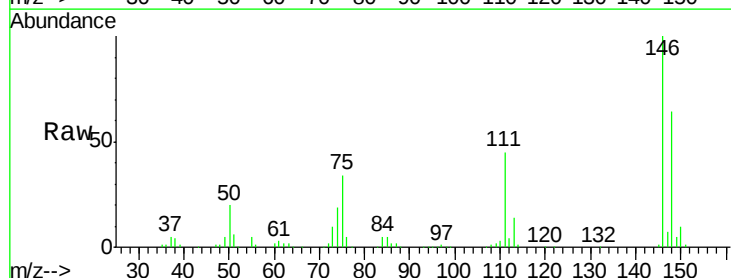
Tgt Ion: 146 Resp: 276145

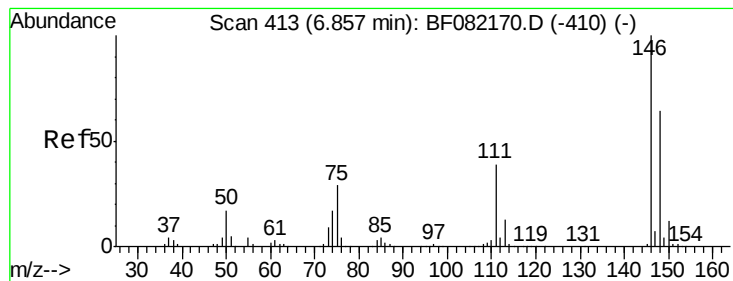
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

75 34.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 35.78 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

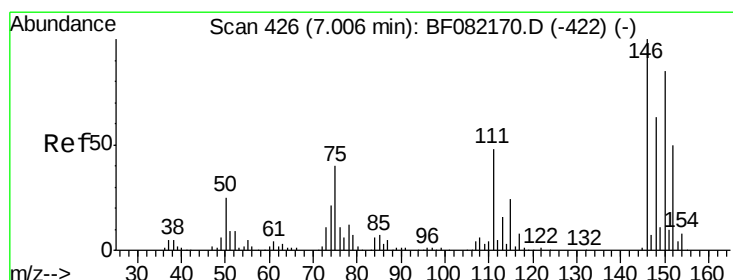
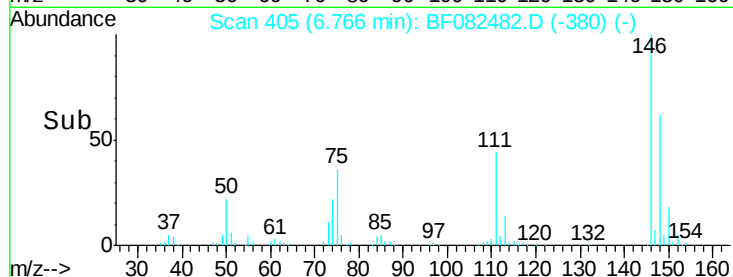
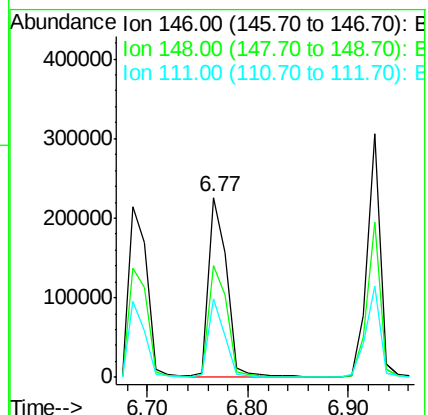
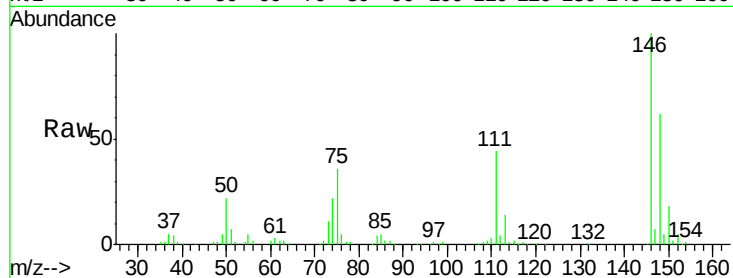
Tot Ion:146 Resp: 283085

Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.4

111 44.0 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 37.92 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.16 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

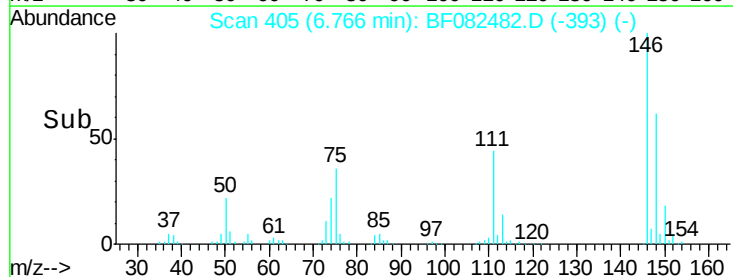
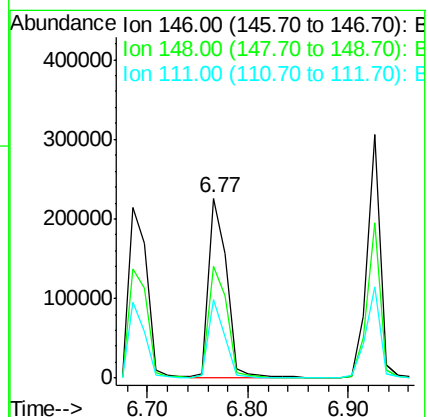
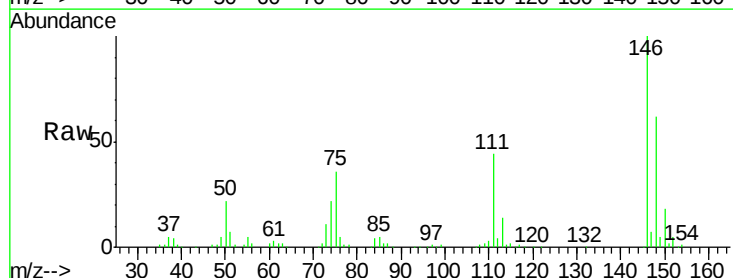
Tgt Ion:146 Resp: 284899

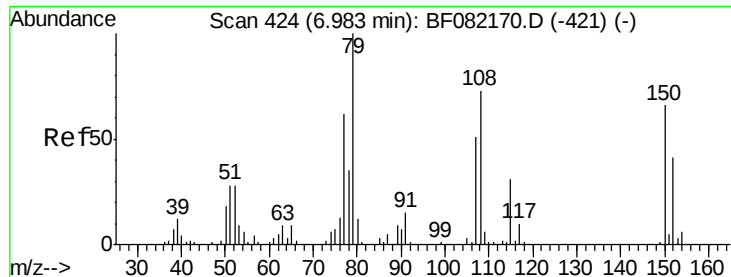
Ion Ratio Lower Upper

146 100

148 62.0 50.5 75.7

111 44.0 38.5 57.7





#15

Benzyl Alcohol

Concen: 40.06 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

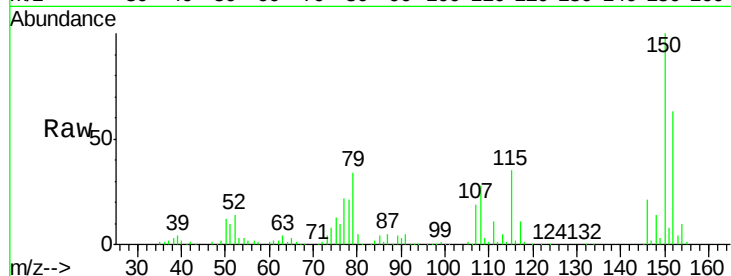
Tot Ion: 79 Resp: 191781

Ion Ratio Lower Upper

79 100

108 81.5 58.4 87.6

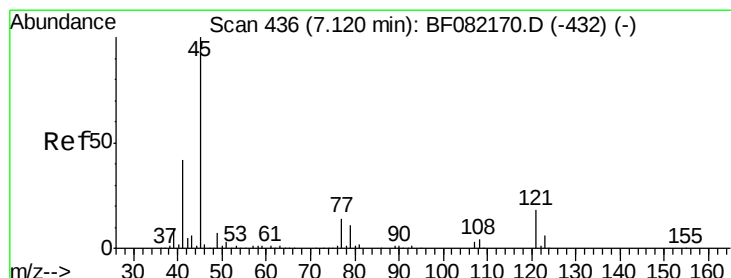
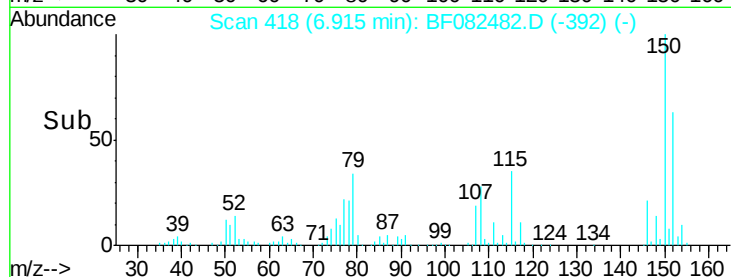
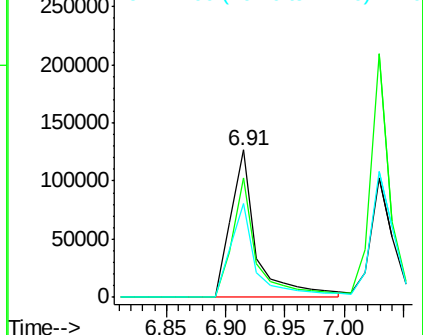
77 63.6 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.29 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

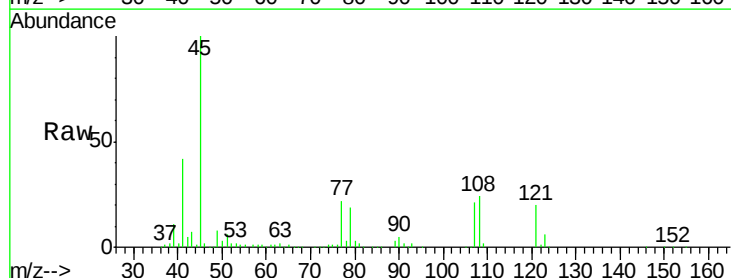
Tgt Ion: 45 Resp: 341701

Ion Ratio Lower Upper

45 100

77 22.2 0.0 34.5

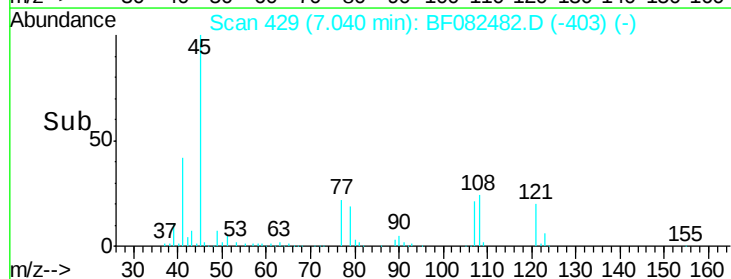
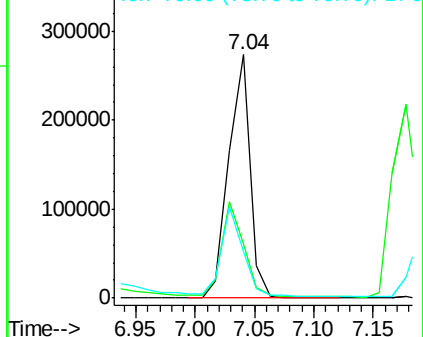
79 19.1 0.0 31.6

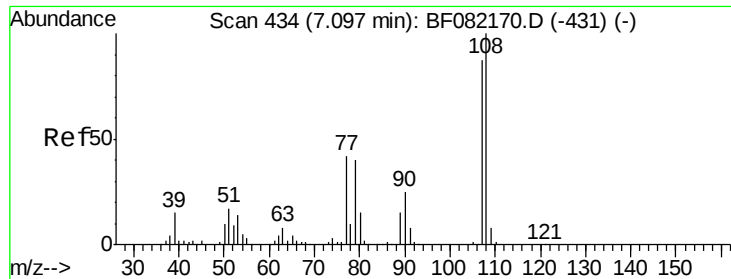


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

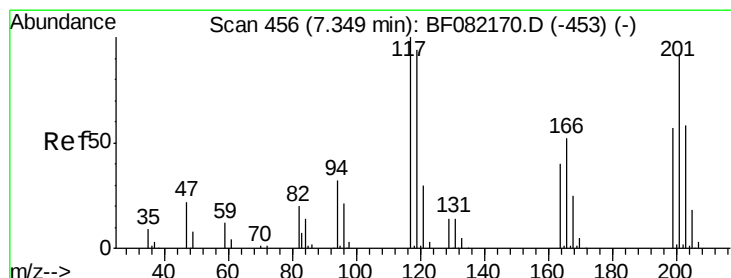
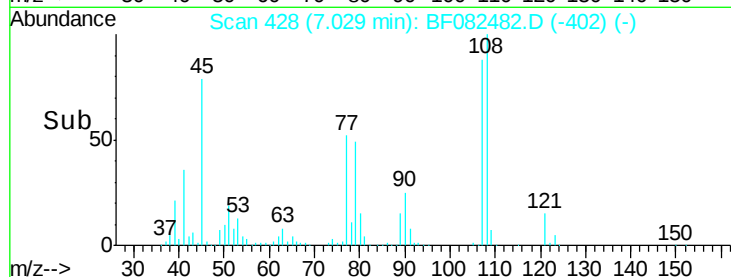
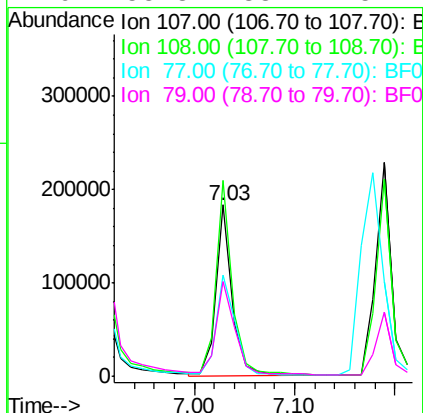
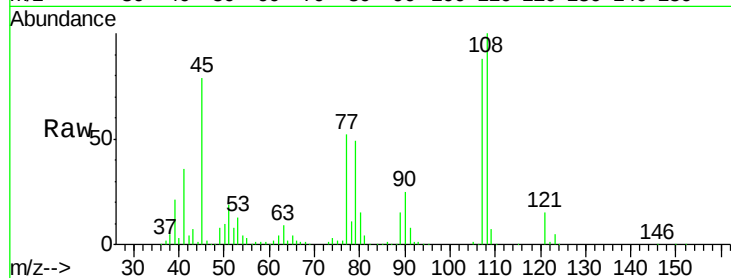




#17
2-Methylphenol
Concen: 39.44 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

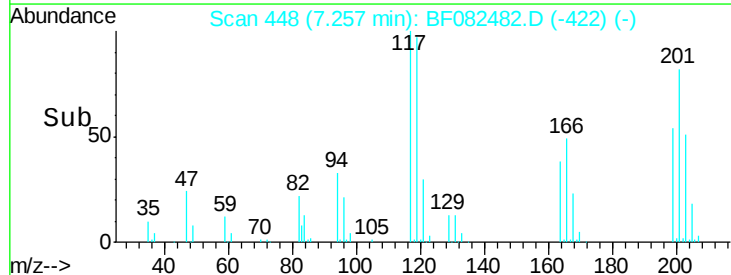
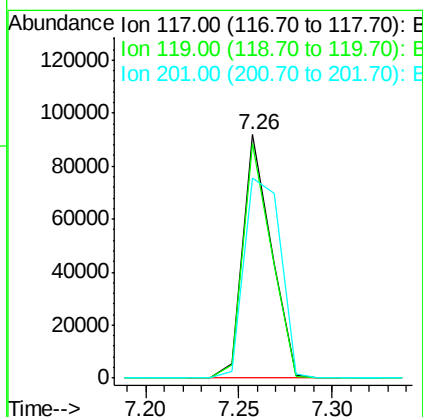
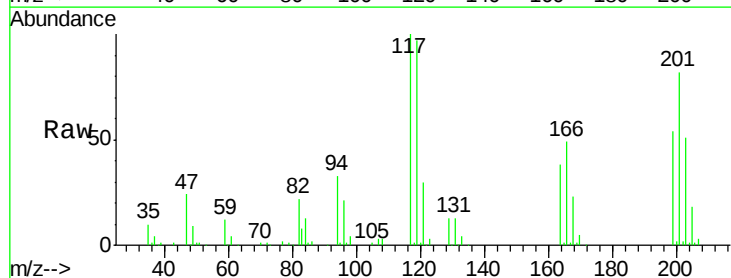
Instrument :
BNA_F
ClientSampleId :
PB86276BS

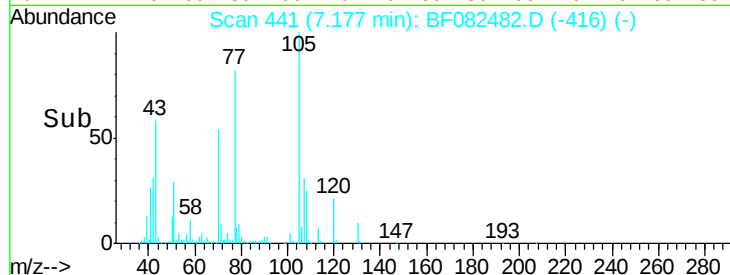
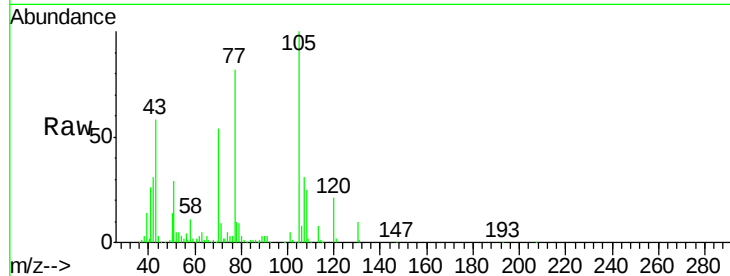
Tot Ion:	107	Resp:	202929
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.2	138.2
77	59.2	39.6	59.4
79	55.8	38.2	57.4



#18
Hexachloroethane
Concen: 35.74 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:	117	Resp:	96804
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.2
201	82.3	73.4	110.0

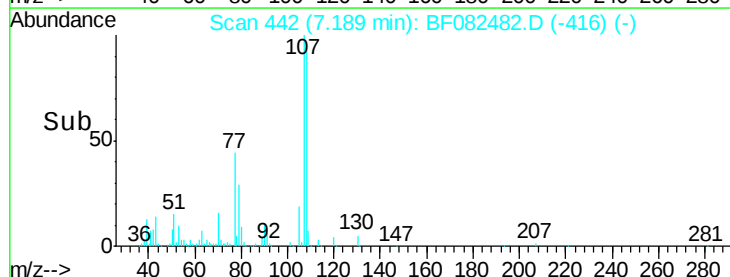
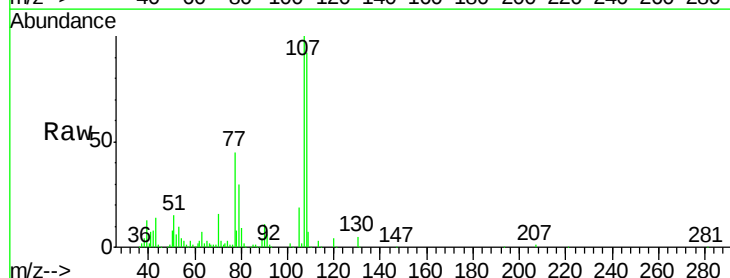
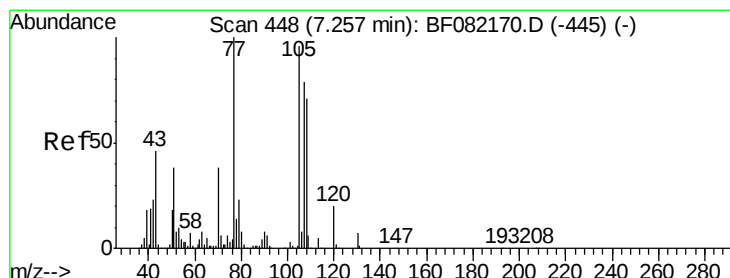
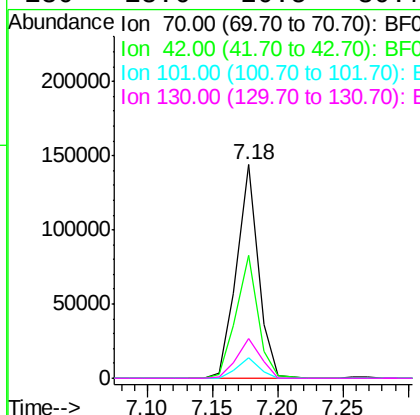




#19
n-Nitroso-di-n-propylamine
Concen: 34.42 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

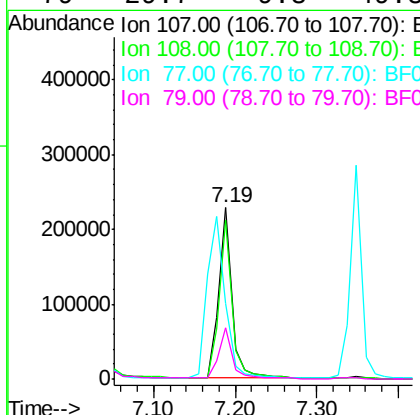
Instrument :
BNA_F
ClientSampleId :
PB86276BS

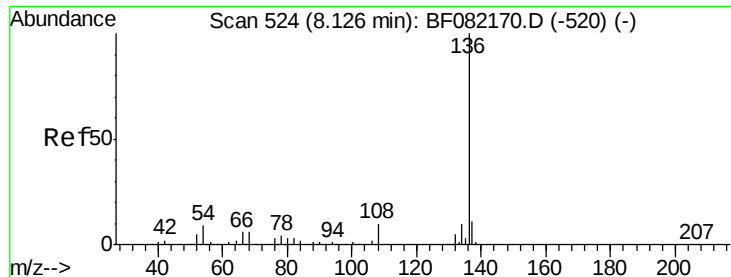
Tot Ion: 70 Resp: 167656
Ion Ratio Lower Upper
70 100
42 57.8 39.8 59.8
101 9.5 8.6 13.0
130 18.6 20.5 30.7#



#20
3+4-Methylphenols
Concen: 42.32 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion: 107 Resp: 259419
Ion Ratio Lower Upper
107 100
108 92.4 69.9 109.9
77 44.5 106.0 146.0#
79 29.7 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

Tot Ion:136 Resp: 437966

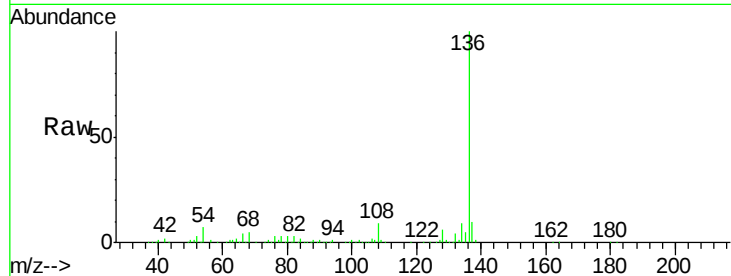
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.9 7.5 11.3#

68 4.5 4.6 7.0#

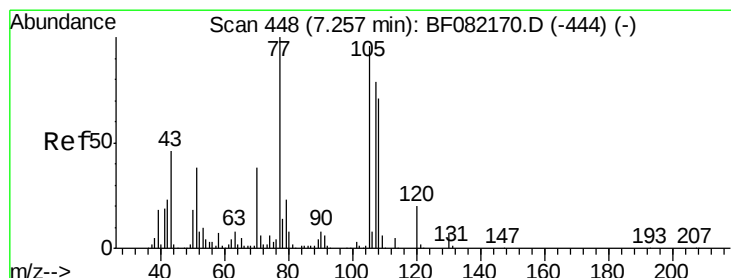
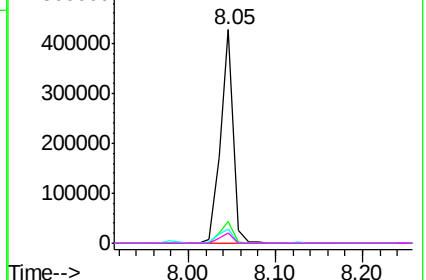
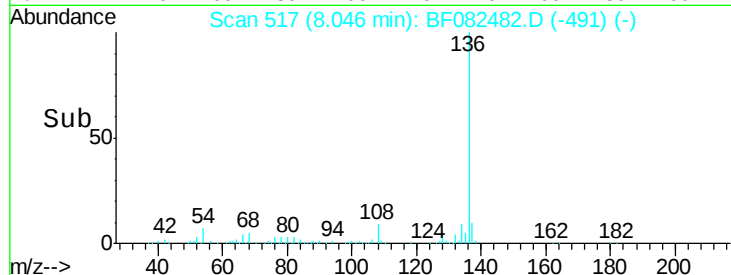


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.55 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Tgt Ion:105 Resp: 351343

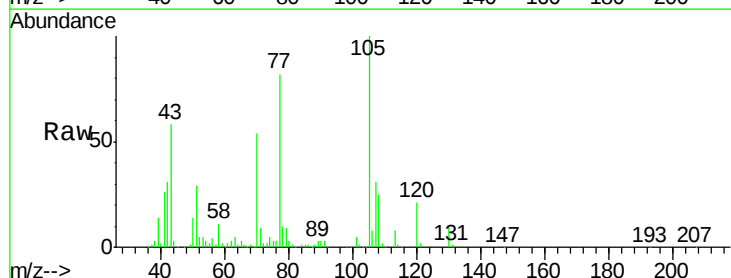
Ion Ratio Lower Upper

105 100

71 9.2 5.4 8.0#

51 29.2 31.8 47.6#

120 20.8 16.3 24.5

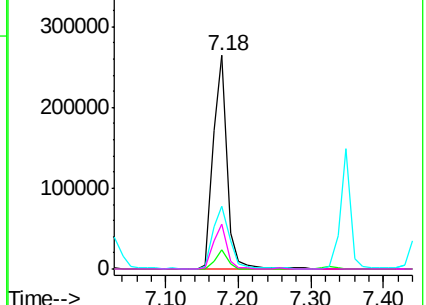
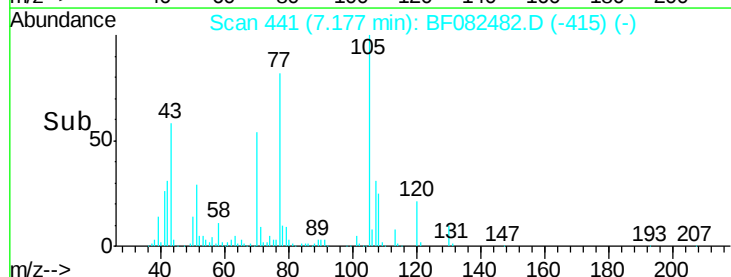


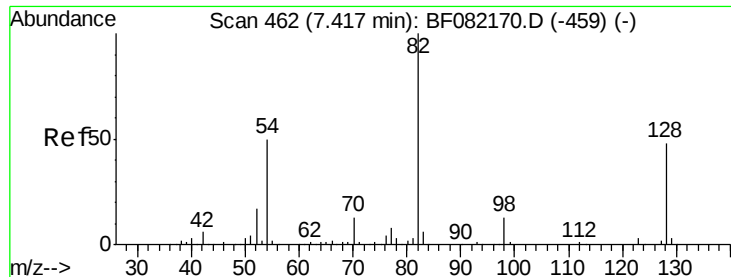
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

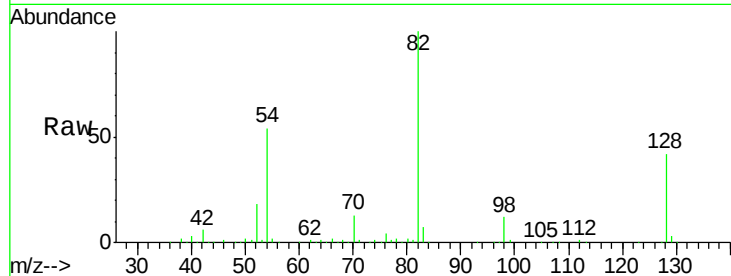




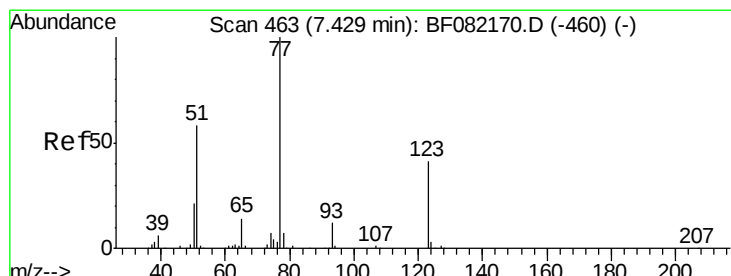
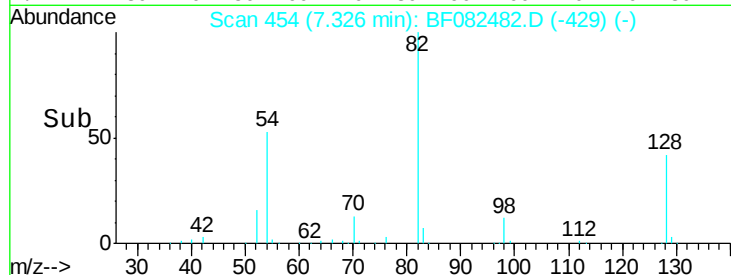
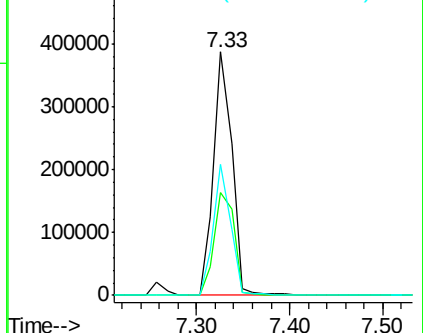
#23
 Nitrobenzene-d5
 Concen: 82.15 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion: 82 Resp: 535775
 Ion Ratio Lower Upper
 82 100
 128 42.3 38.7 58.1
 54 53.8 40.1 60.1

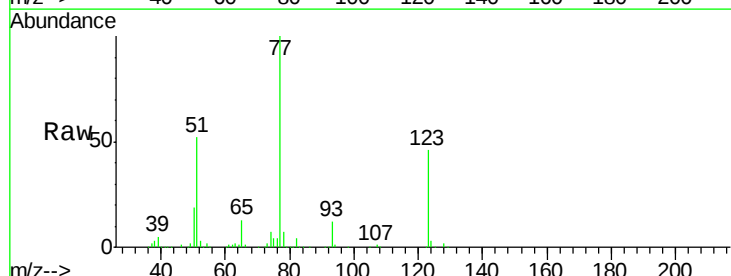


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

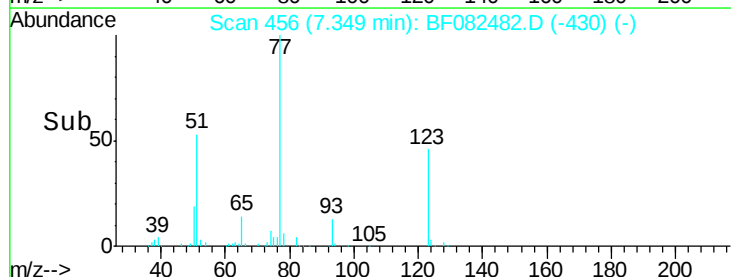
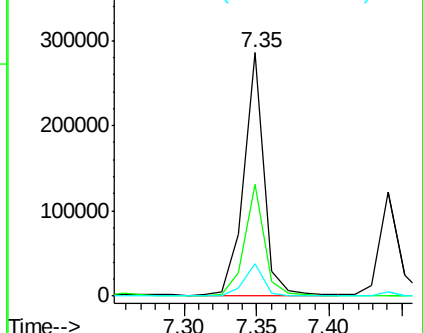


#24
 Nitrobenzene
 Concen: 38.70 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion: 77 Resp: 273162
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.4
 65 13.3 11.2 16.8



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





#25

Isophorone

Concen: 37.37 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

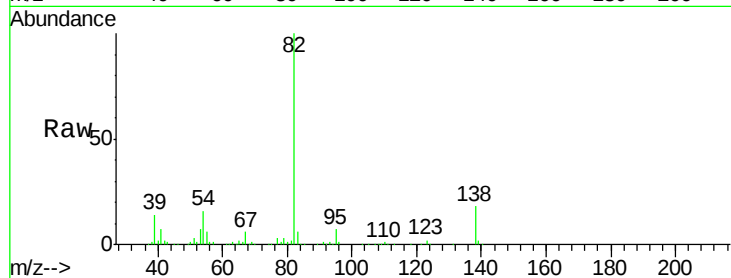
Tot Ion: 82 Resp: 491942

Ion Ratio Lower Upper

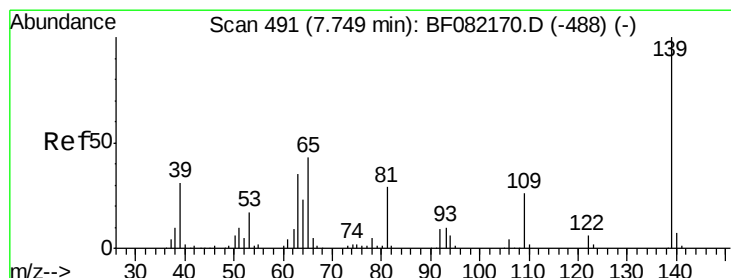
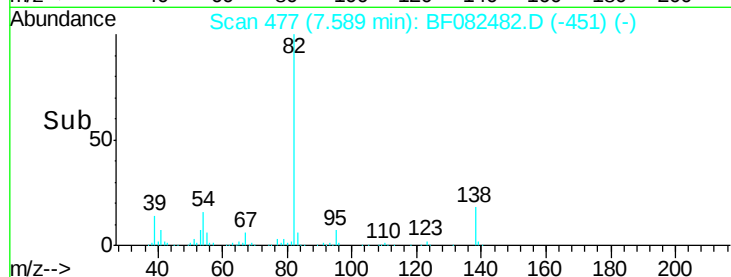
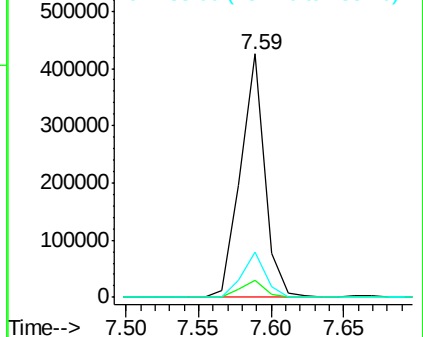
82 100

95 7.1 5.6 8.4

138 18.4 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: 40.42 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

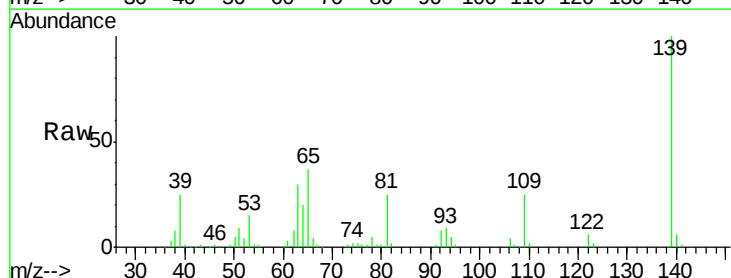
Tgt Ion: 139 Resp: 142481

Ion Ratio Lower Upper

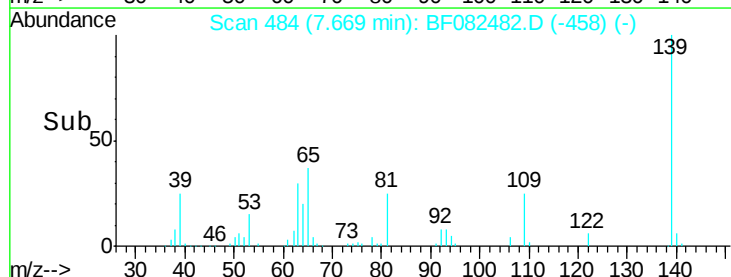
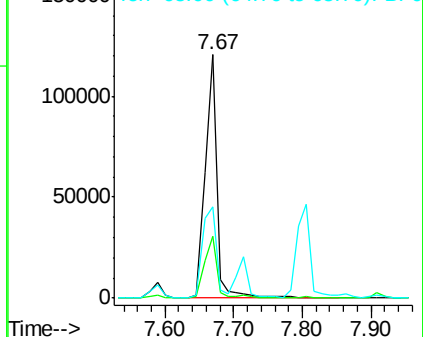
139 100

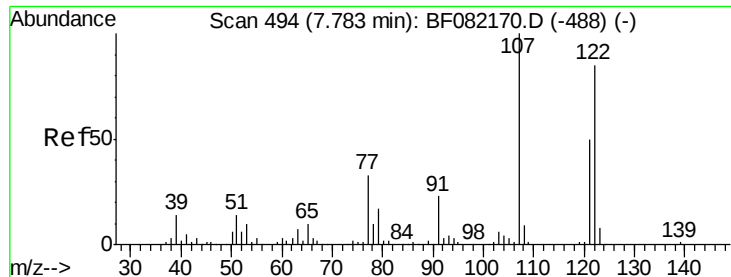
109 25.4 20.6 31.0

65 37.2 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

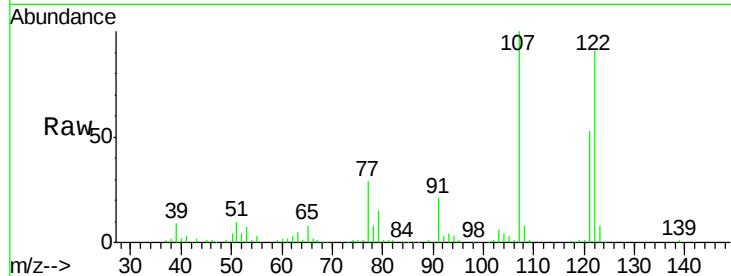




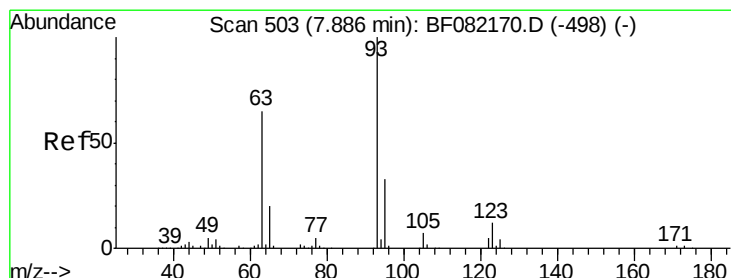
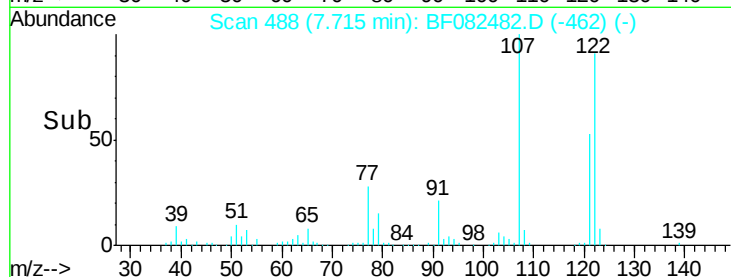
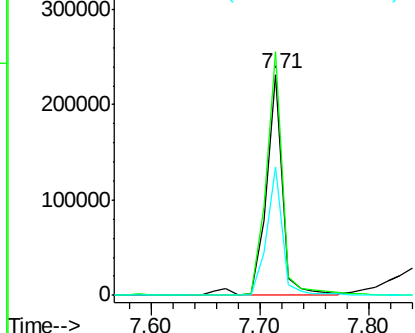
#27
 2,4-Dimethylphenol
 Concen: 43.29 ng
 RT: 7.71 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion:122 Resp: 245862
 Ion Ratio Lower Upper
 122 100
 107 110.1 94.0 141.0
 121 58.2 46.8 70.2

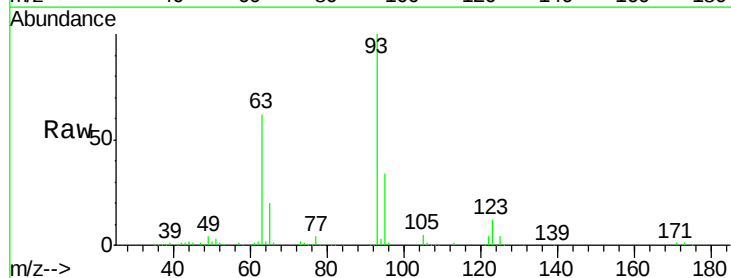


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

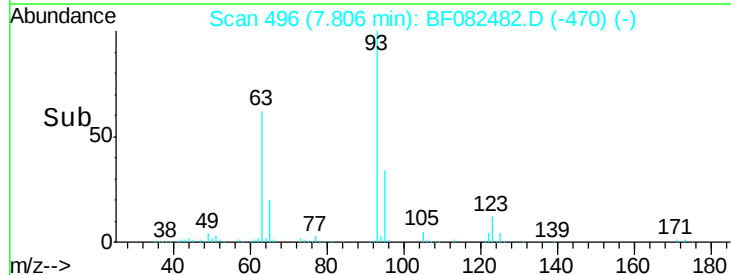
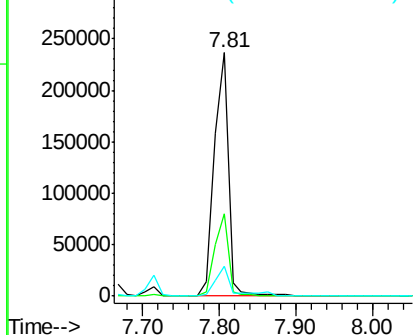


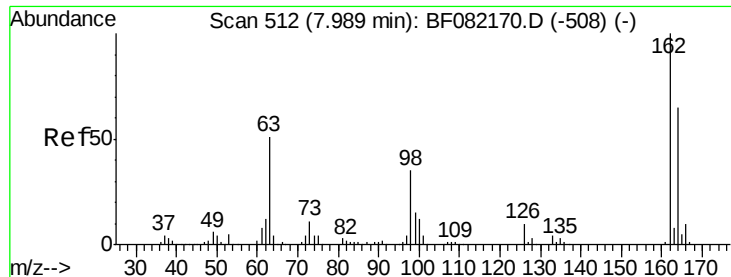
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.57 ng
 RT: 7.81 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion: 93 Resp: 303029
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 39.8
 123 12.2 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

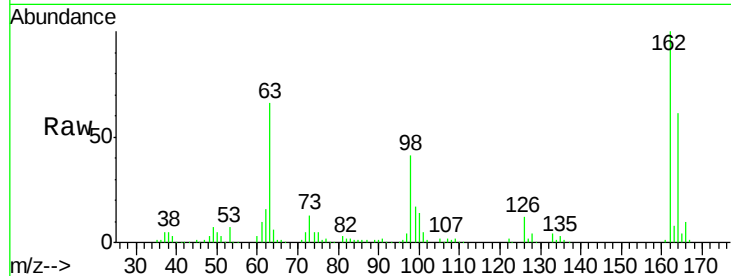




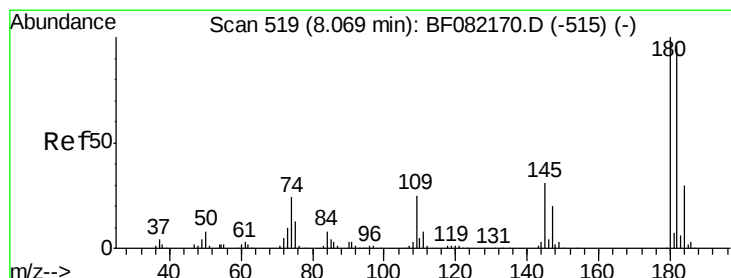
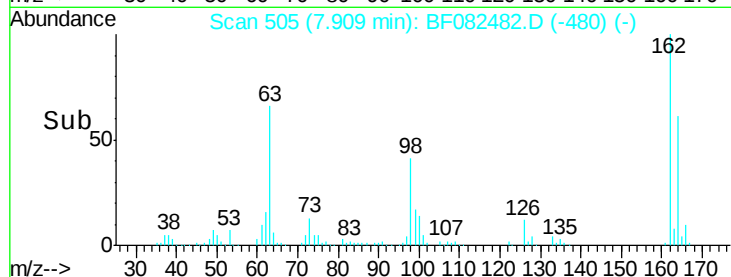
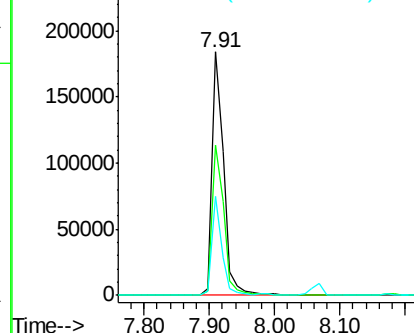
#29
 2,4-Dichlorophenol
 Concen: 40.51 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.6	84.6
98	40.9	15.0	55.0

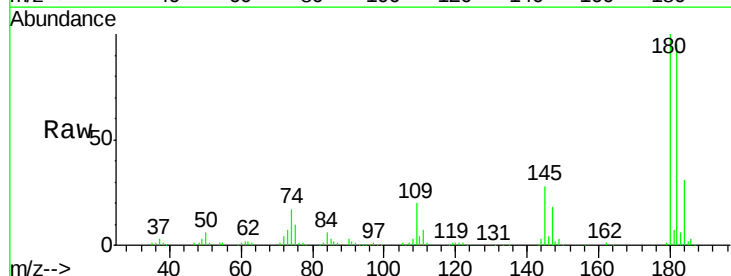


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

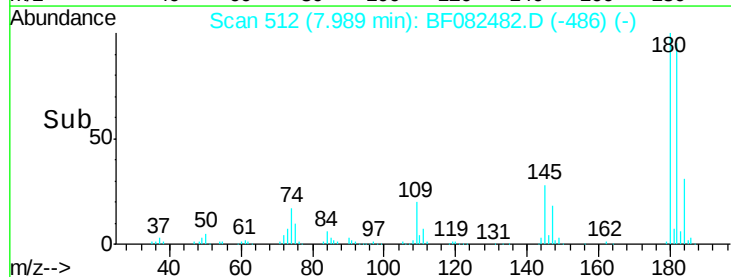
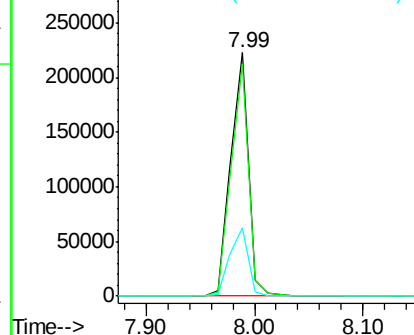


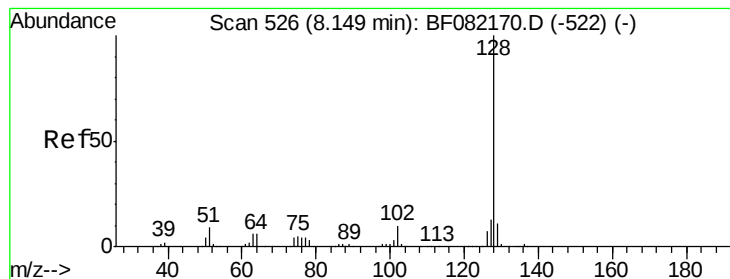
#30
 1,2,4-Trichlorobenzene
 Concen: 38.07 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
145	28.2	25.0	37.4



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





#31

Naphthalene

Concen: 39.24 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

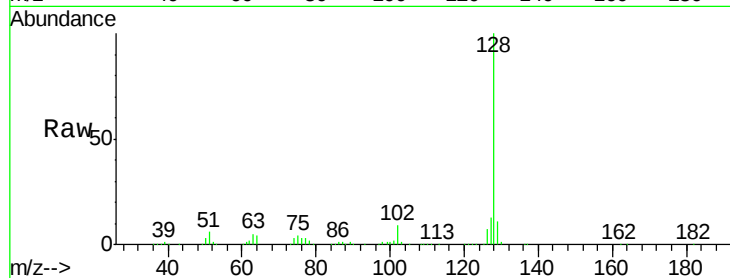
Tot Ion:128 Resp: 745006

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

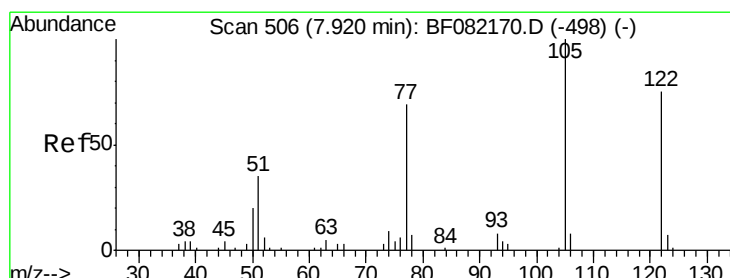
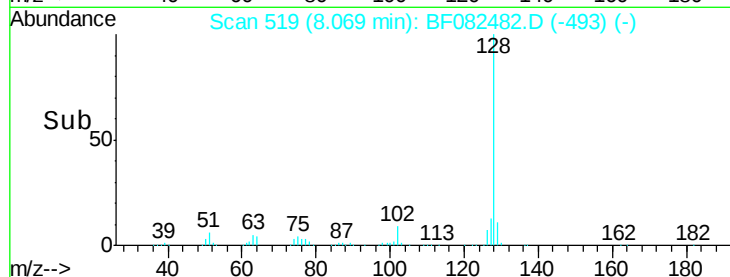
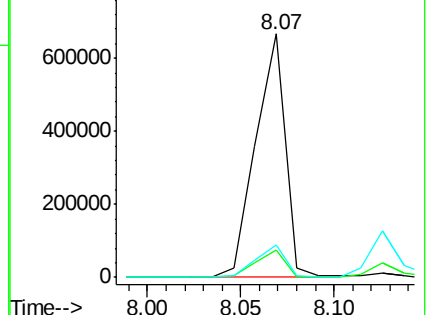
127 13.4 10.7 16.1



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: 31.08 ng

RT: 7.86 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

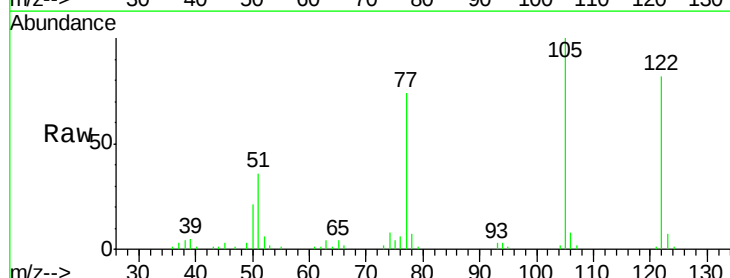
Tgt Ion:122 Resp: 118473

Ion Ratio Lower Upper

122 100

105 122.1 104.4 144.4

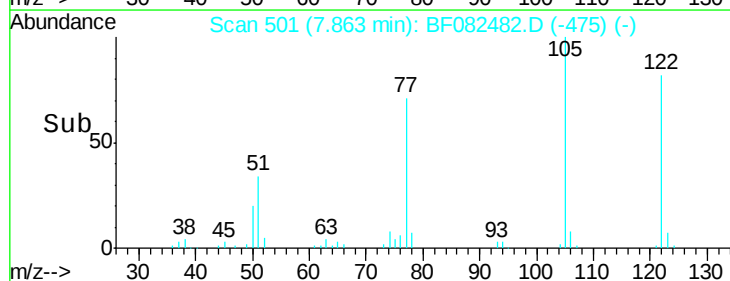
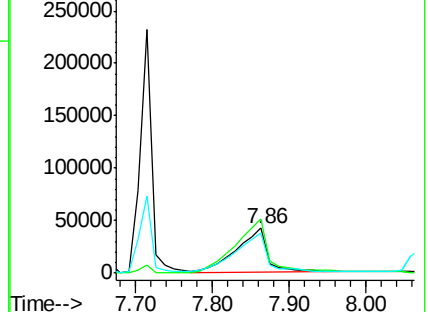
77 89.7 69.0 109.0



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

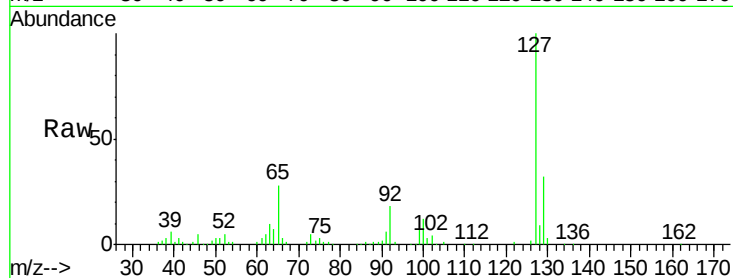




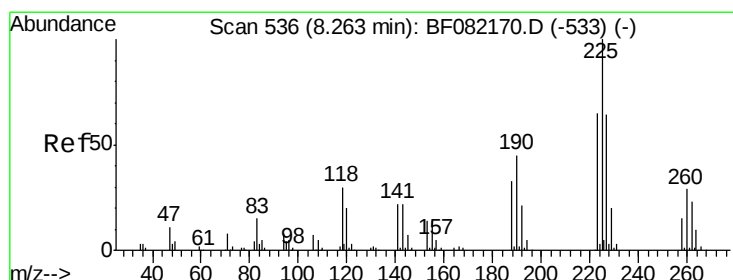
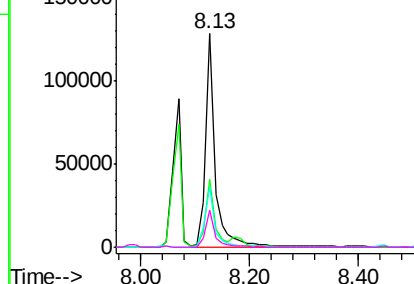
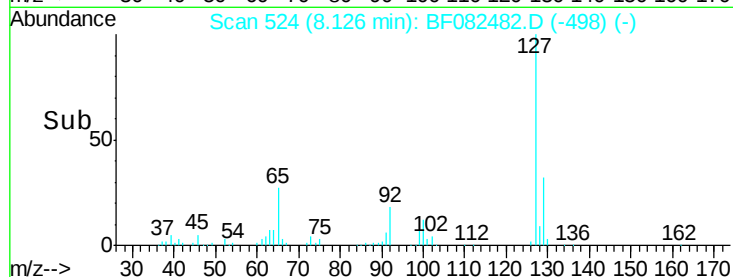
#33
4-Chloroaniline
Concen: 19.86 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:	127	Resp:	156618
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	28.0	24.4	36.6
92	17.6	15.7	23.5

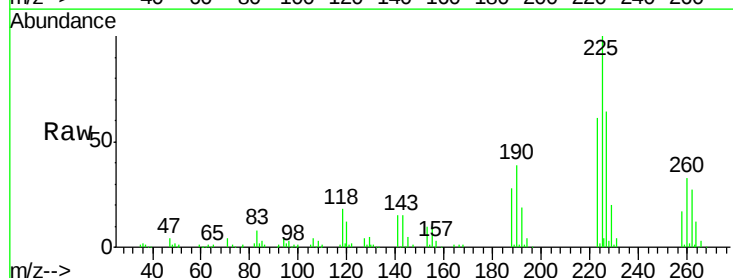


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

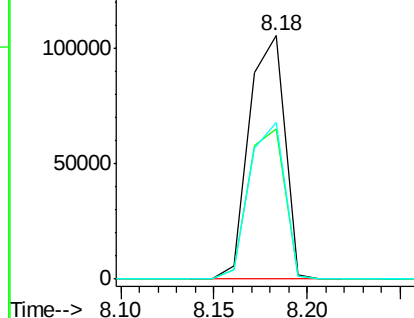
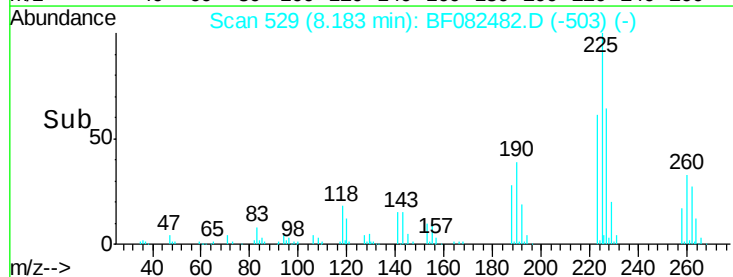


#34
Hexachlorobutadiene
Concen: 34.08 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:	225	Resp:	138954
Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.2	78.2
227	64.5	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: 28.83 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

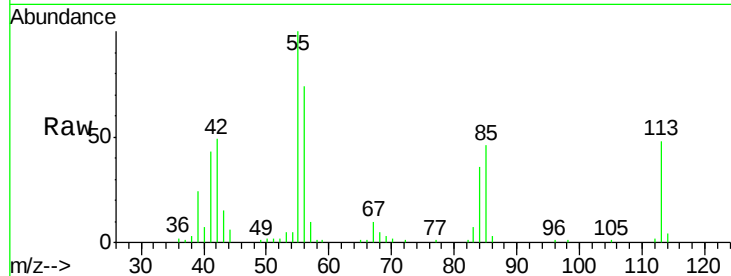
Tot Ion:113 Resp: 47501

Ion Ratio Lower Upper

113 100

55 206.5 149.7 189.7#

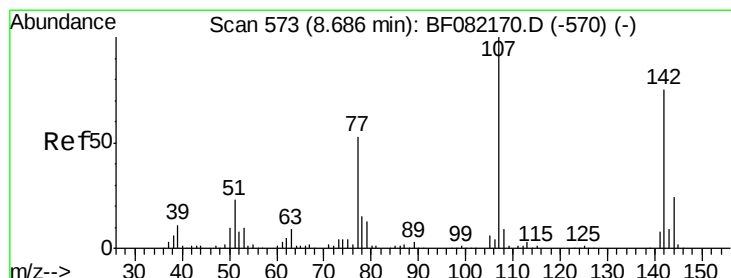
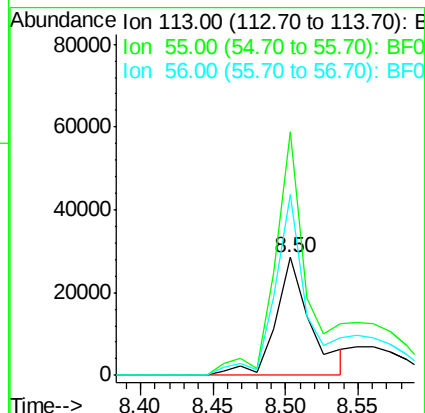
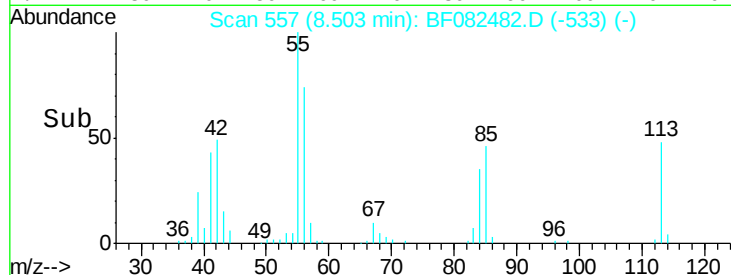
56 153.6 105.4 145.4#



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: 42.18 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

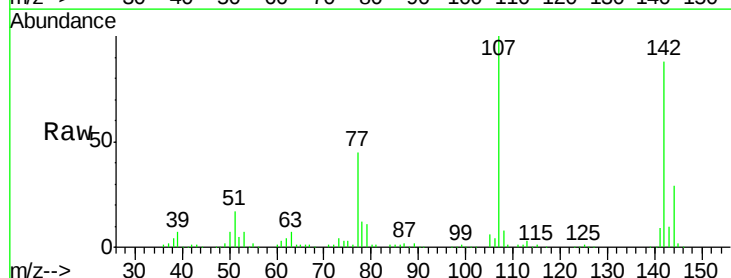
Tgt Ion:107 Resp: 234160

Ion Ratio Lower Upper

107 100

144 28.7 19.3 28.9

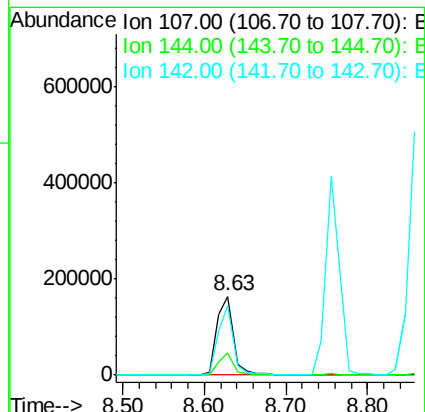
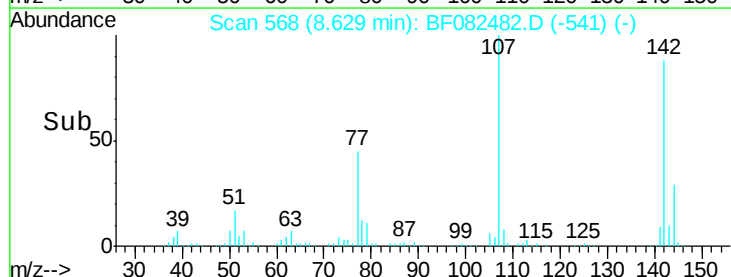
142 87.9 59.9 89.9

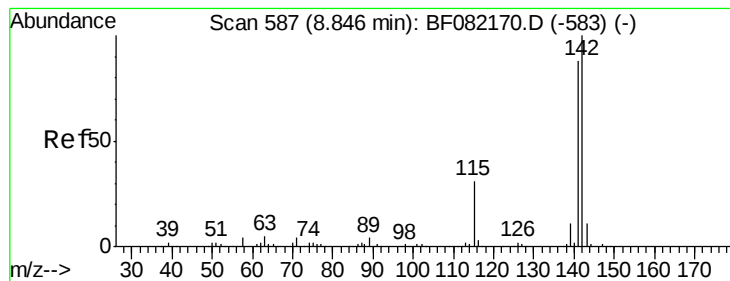


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

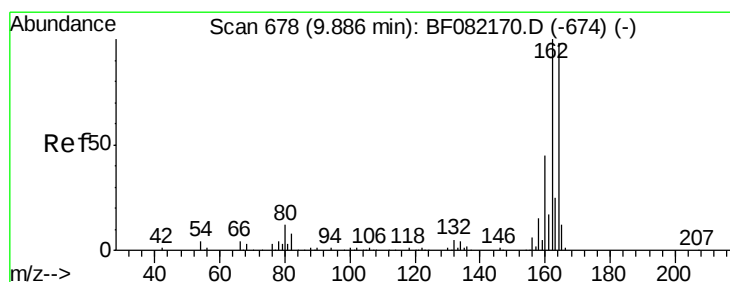
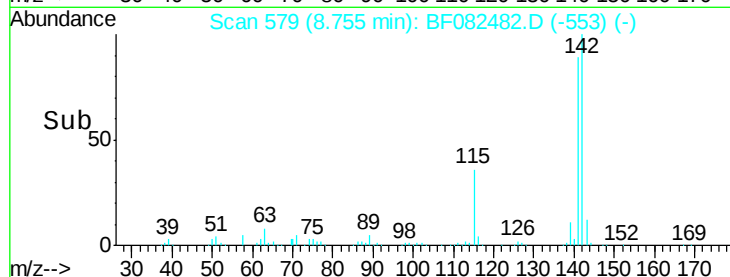
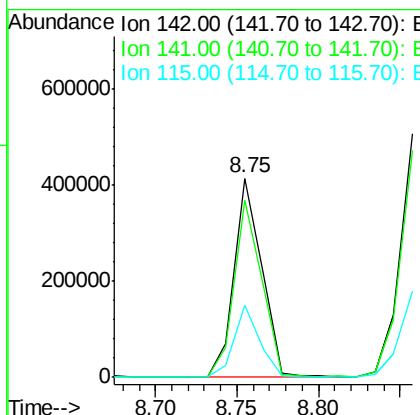
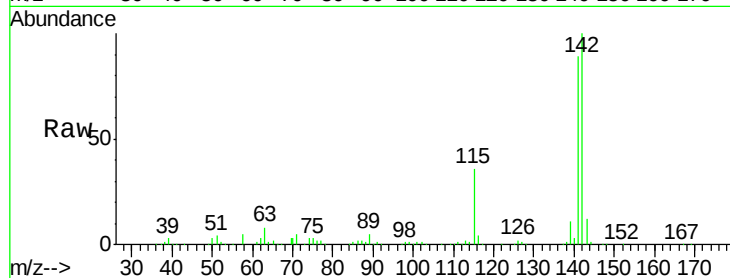




#37
2-Methylnaphthalene
Concen: 36.91 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

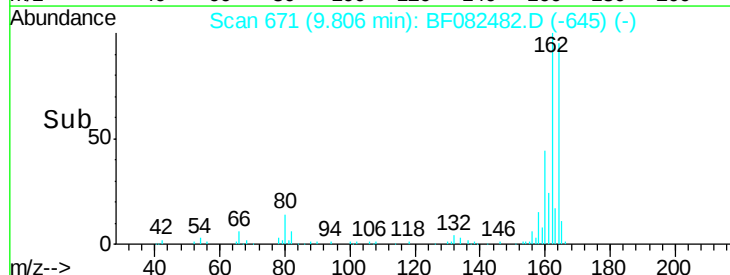
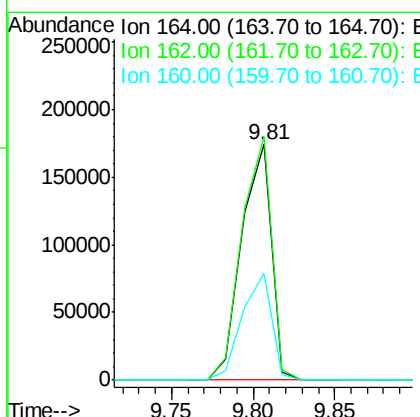
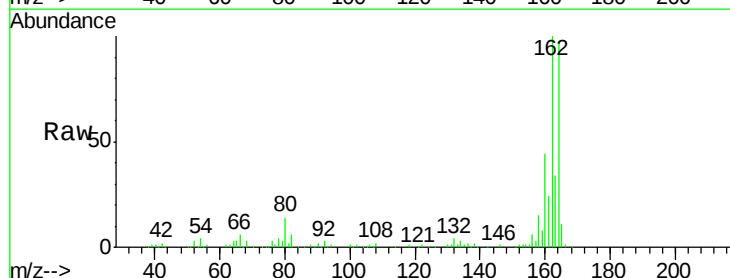
Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:142 Resp: 485846
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6
115 36.1 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:164 Resp: 220041
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.5 36.4 54.6

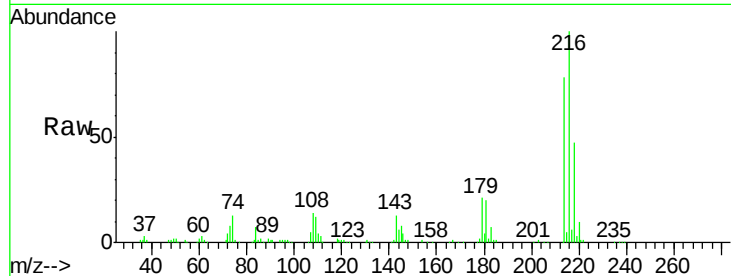




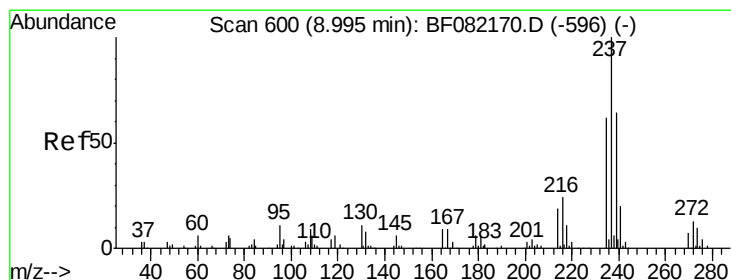
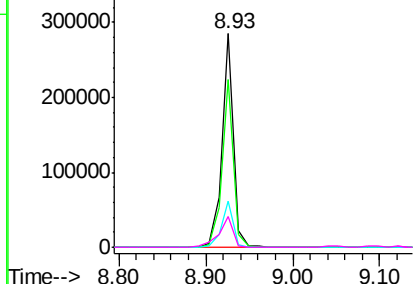
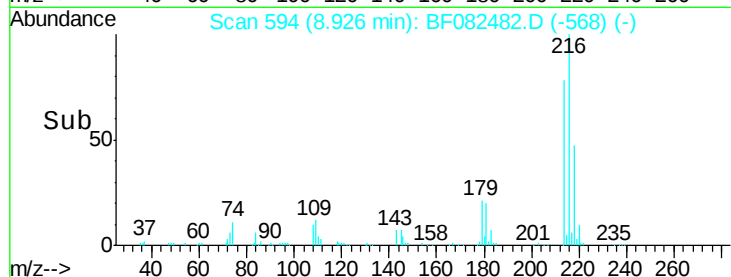
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.40 ng
 RT: 8.93 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion:216	Resp:	264417
Ion Ratio	Lower	Upper
216	100	
214	78.1	64.6 97.0
179	21.3	17.6 26.4
108	18.0	14.5 21.7

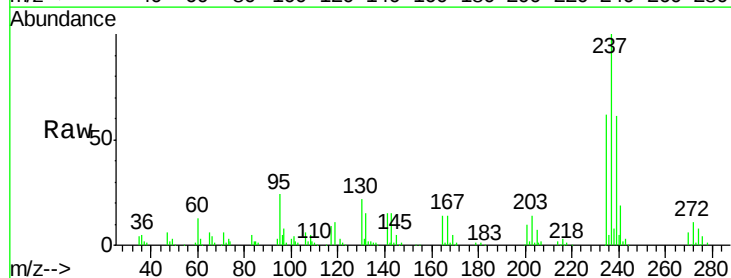


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

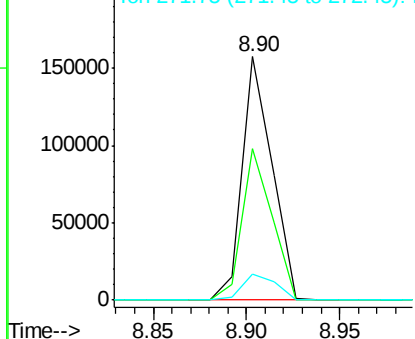
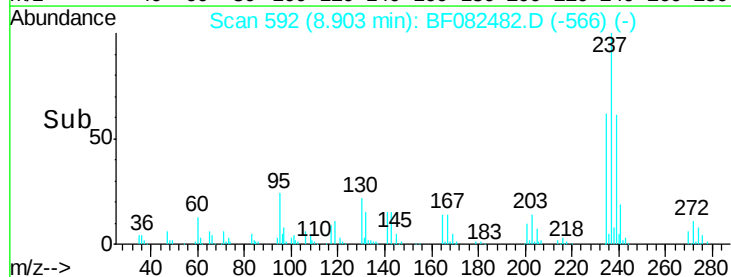


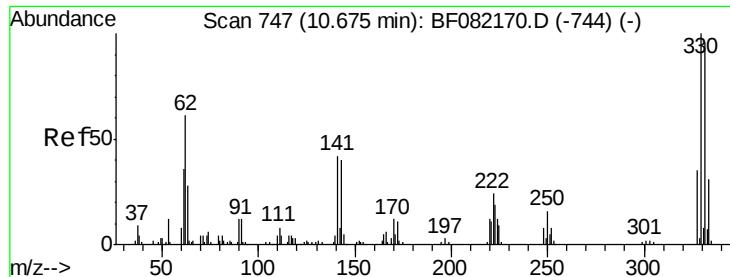
#40
 Hexachlorocyclopentadiene
 Concen: 55.38 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion:237	Resp:	173979
Ion Ratio	Lower	Upper
237	100	
235	62.5	41.7 81.7
272	10.7	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

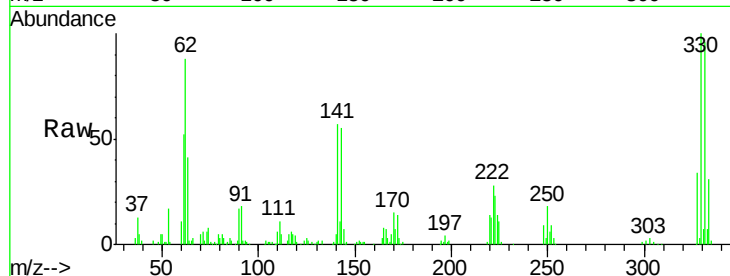




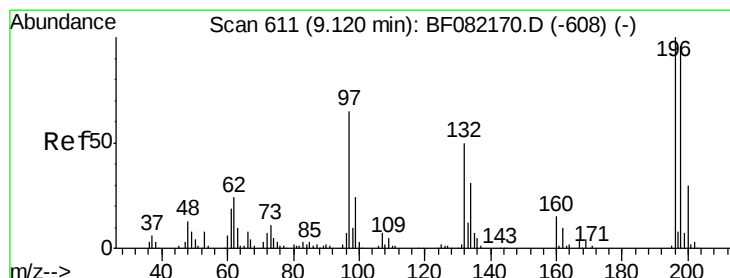
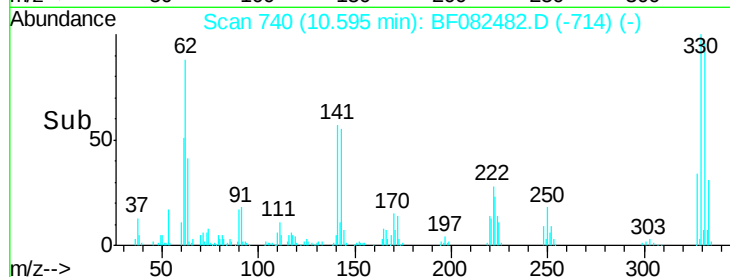
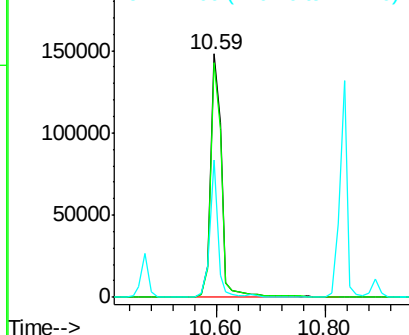
#41
 2,4,6-Tribromophenol
 Concen: 101.96 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion:330 Resp: 210406
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 40.7 29.8 44.8

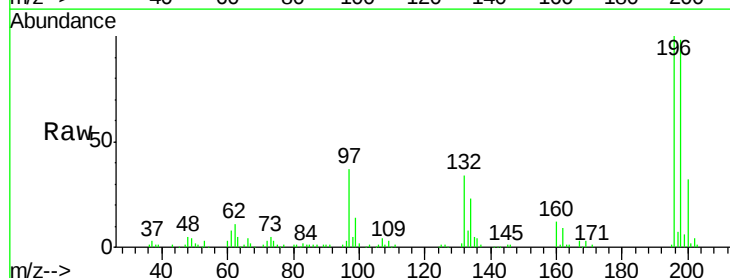


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

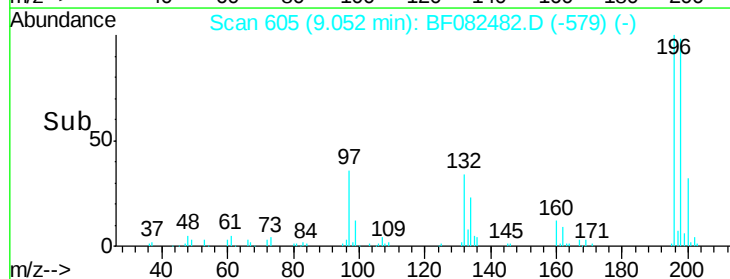
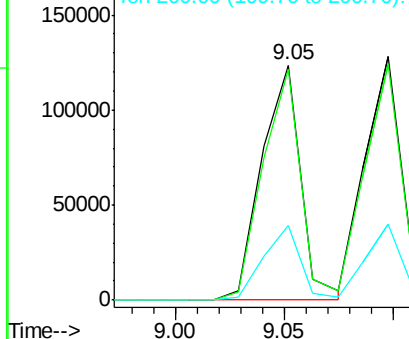


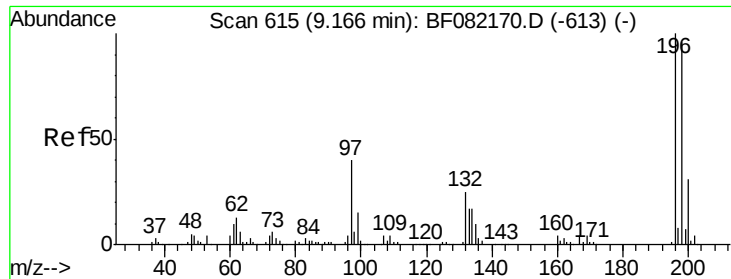
#42
 2,4,6-Trichlorophenol
 Concen: 35.59 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion:196 Resp: 154706
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.6 115.0
 200 31.7 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

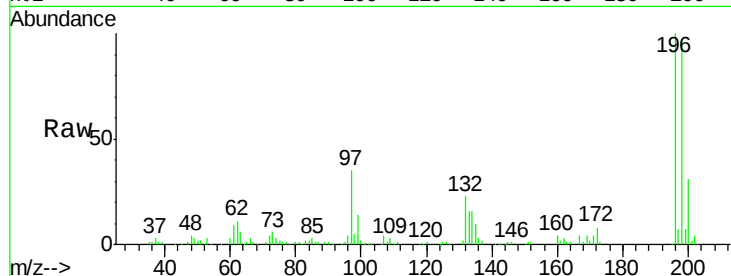




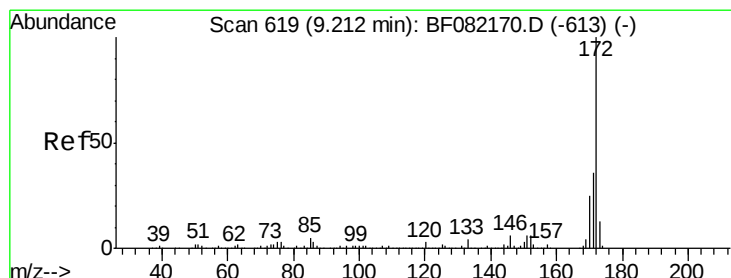
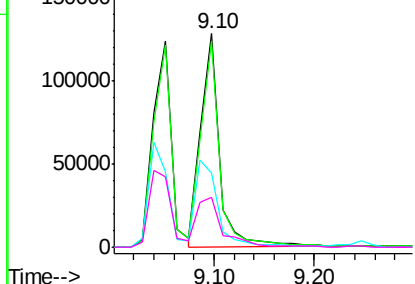
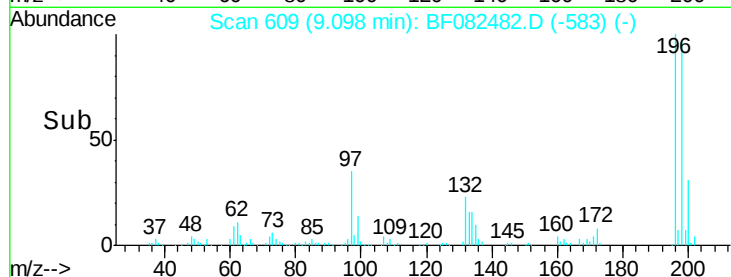
#43
 2,4,5-Trichlorophenol
 Concen: 35.29 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

Tot Ion:196 Resp: 166174
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.0 115.4
 97 35.1 31.9 47.9
 132 23.5 20.3 30.5

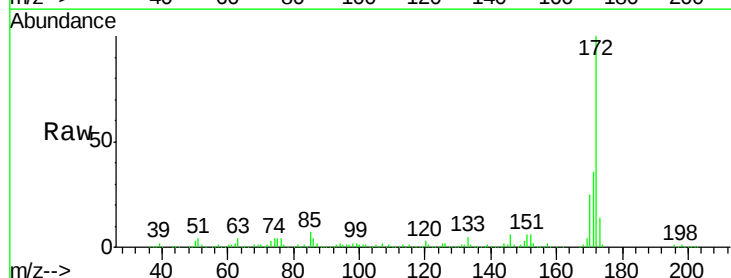


Abundance Ion 196.00 (195.70 to 196.70): E
 200000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

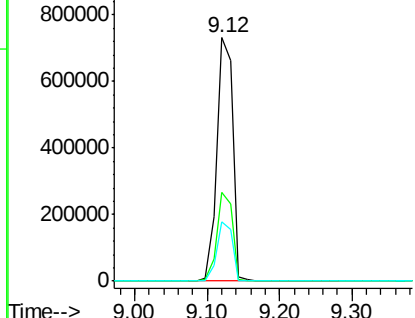
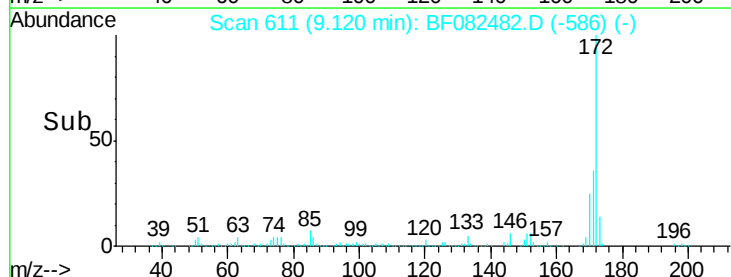


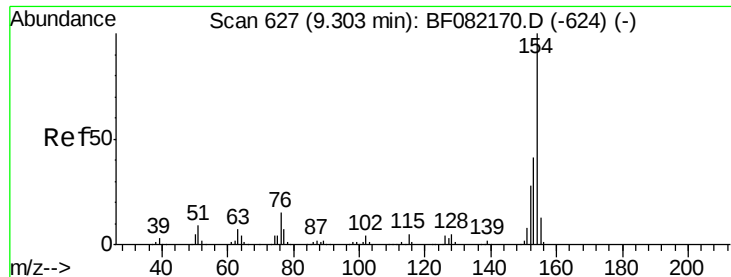
#44
 2-Fluorobiphenyl
 Concen: 84.24 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion:172 Resp: 1117744
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

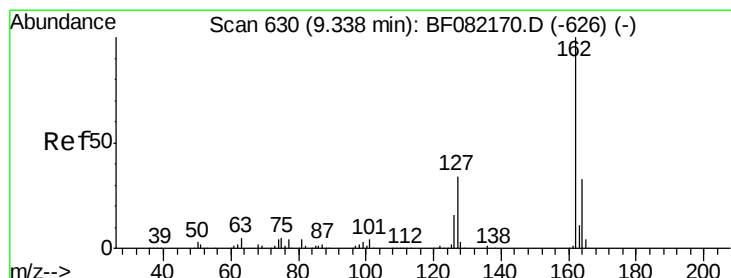
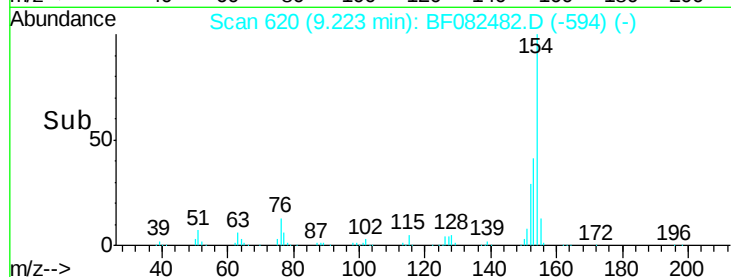
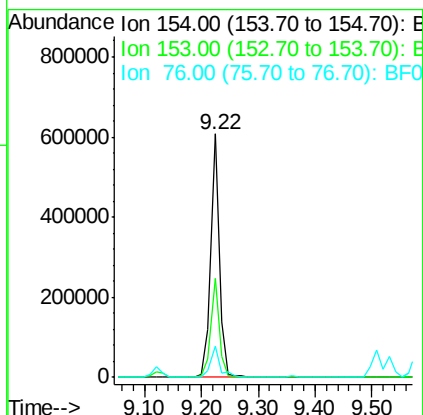
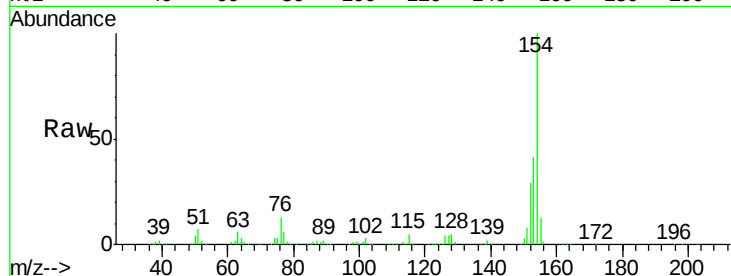




#45
 1,1'-Biphenyl
 Concen: 36.52 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

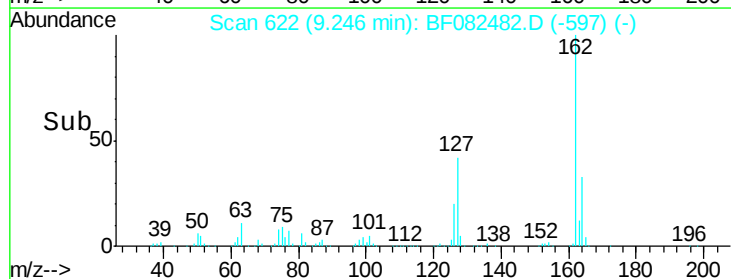
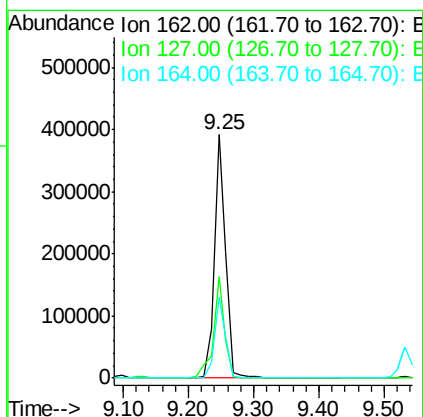
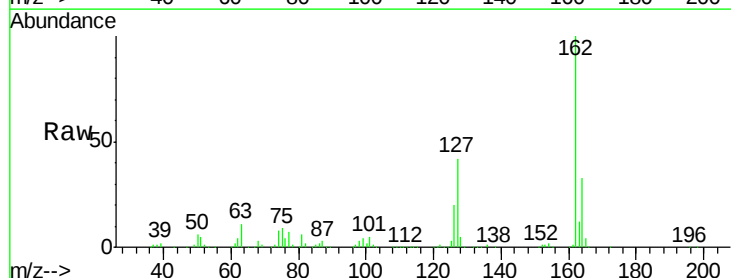
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

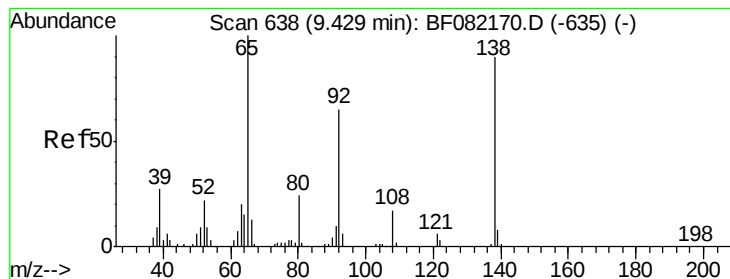
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	13.0	0.0	35.2



#46
 2-Chloronaphthalene
 Concen: 36.35 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	27.5	41.3#
164	33.1	26.6	39.8





#47

2-Nitroaniline

Concen: 42.10 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

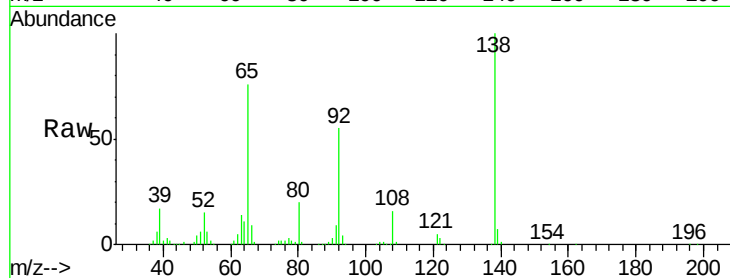
Tot Ion: 65 Resp: 152680

Ion Ratio Lower Upper

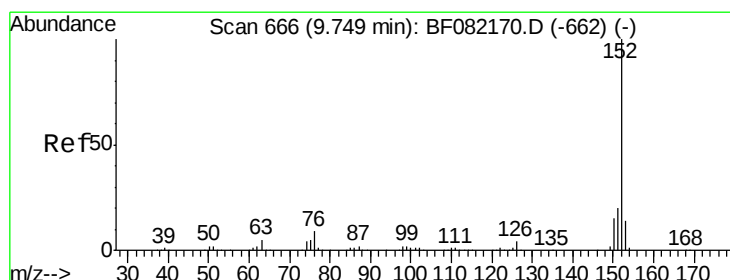
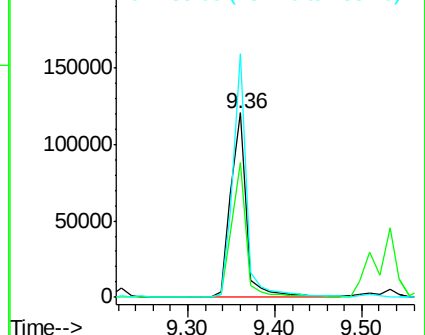
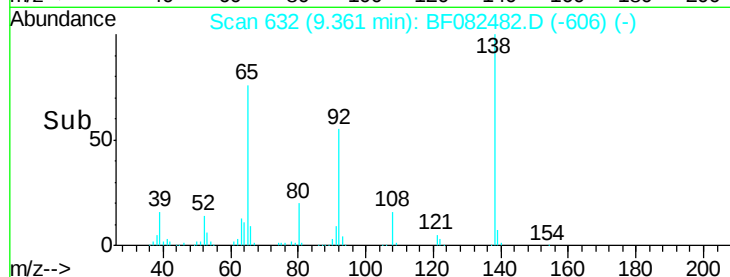
65 100

92 73.0 52.3 78.5

138 131.8 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.02 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

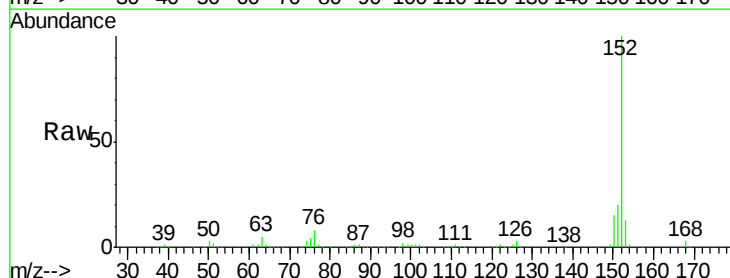
Tgt Ion: 152 Resp: 802943

Ion Ratio Lower Upper

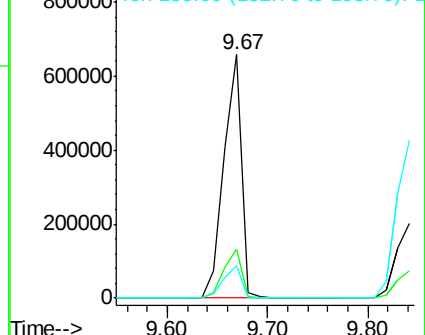
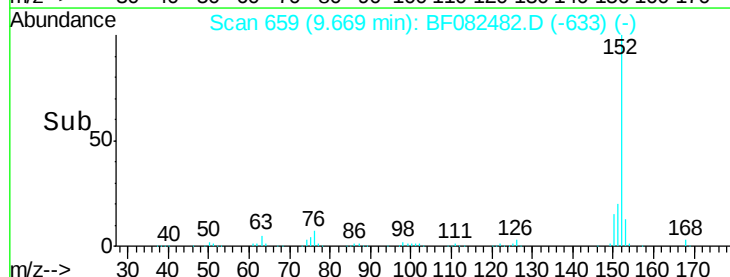
152 100

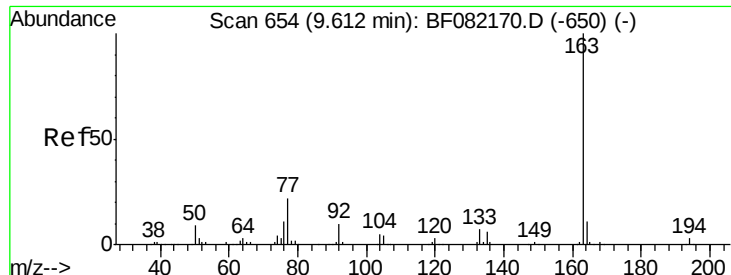
151 20.4 16.4 24.6

153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

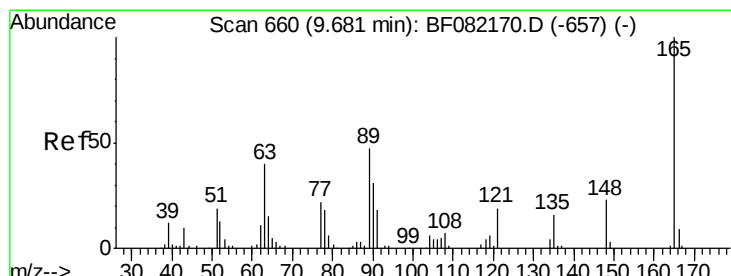
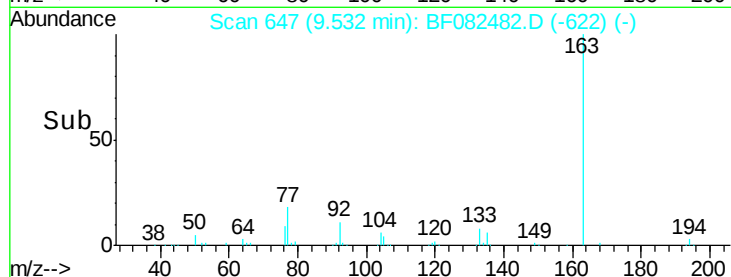
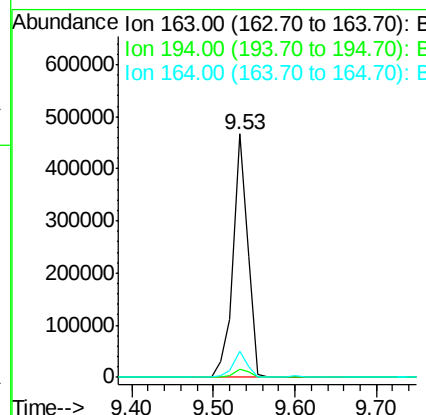
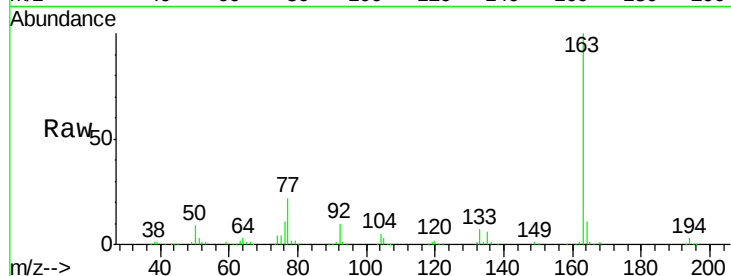




#49
Dimethylphthalate
Concen: 37.62 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

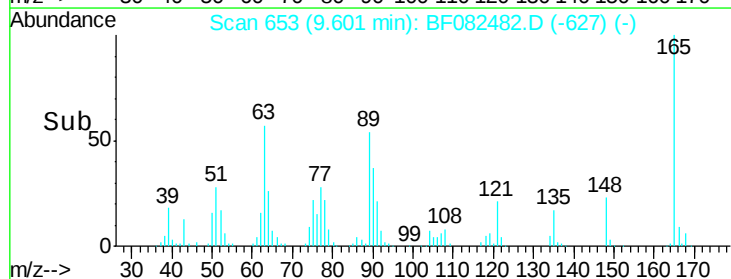
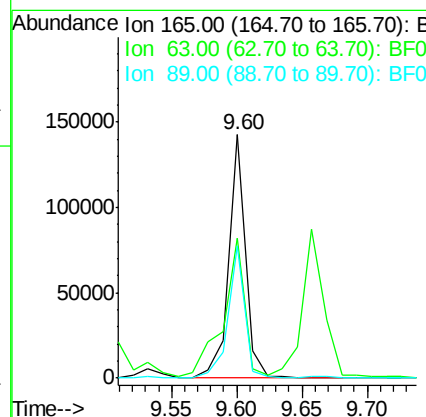
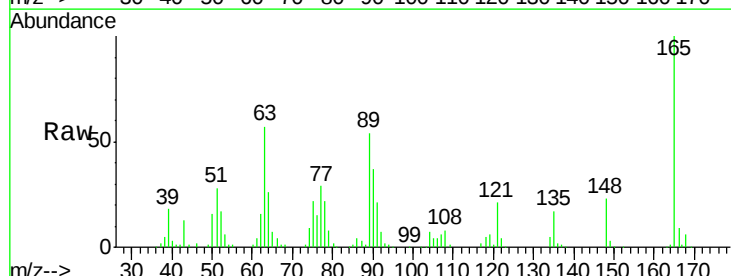
Instrument :
BNA_F
ClientSampleId :
PB86276BS

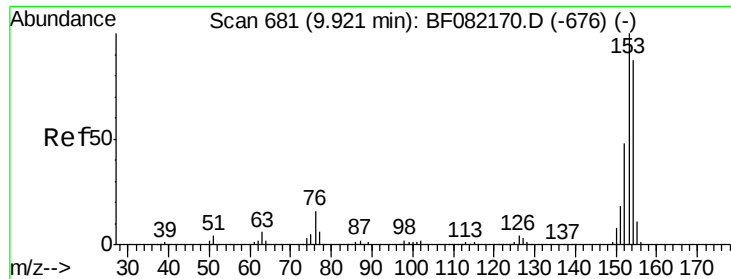
Tot Ion:163 Resp: 582905
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.7 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 39.48 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:165 Resp: 129062
Ion Ratio Lower Upper
165 100
63 57.3 36.7 55.1#
89 54.3 37.8 56.6





#51

Acenaphthene

Concen: 37.58 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

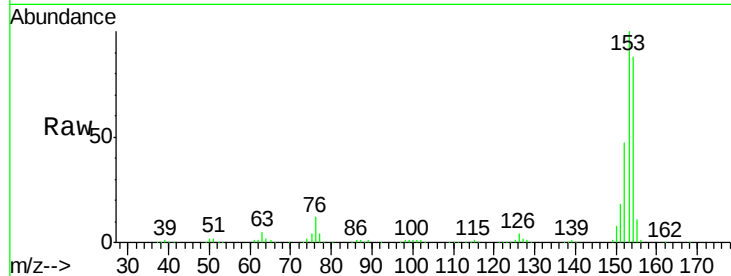
Tot Ion:154 Resp: 464221

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

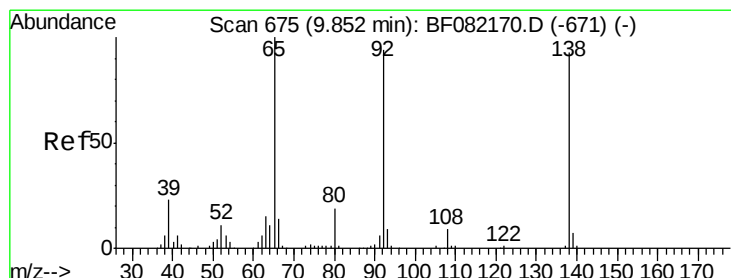
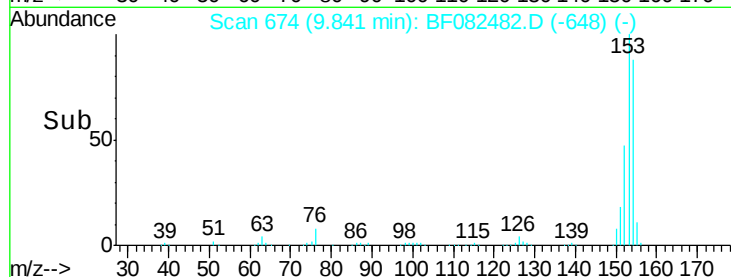
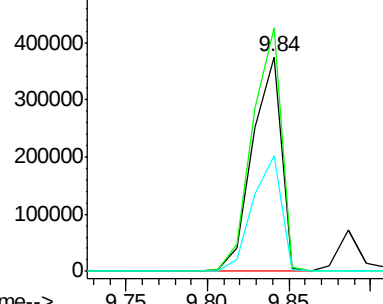
152 53.7 44.3 66.5



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: 21.18 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

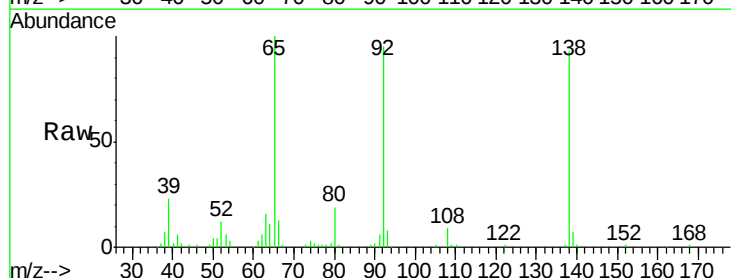
Tgt Ion:138 Resp: 78213

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

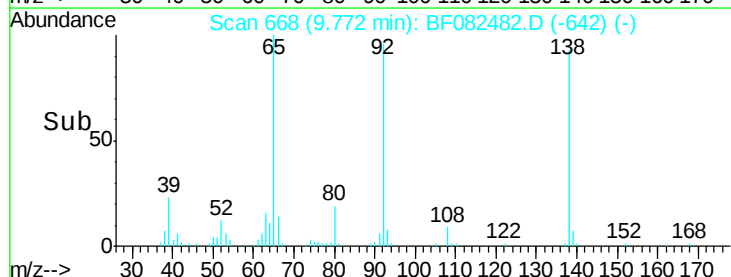
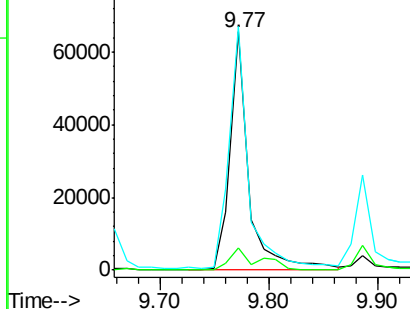
92 102.2 81.3 121.9



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

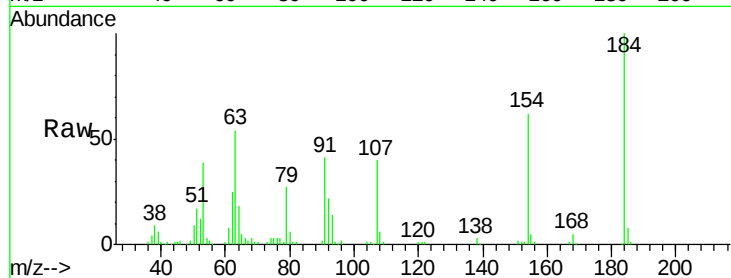




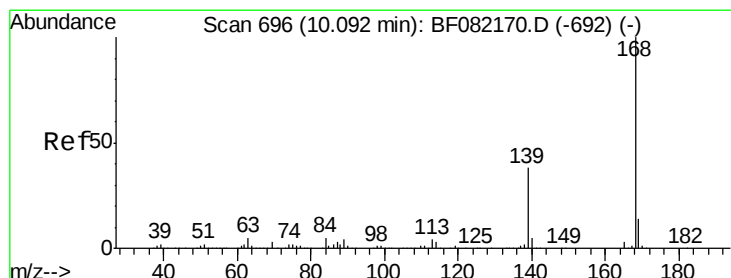
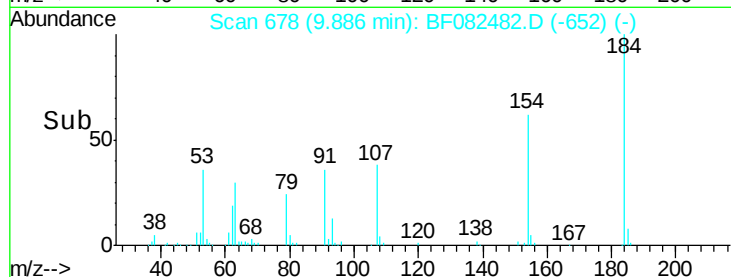
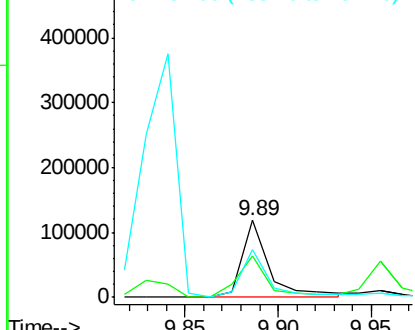
#53
2,4-Dinitrophenol
Concen: 67.29 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:184 Resp: 120924
Ion Ratio Lower Upper
184 100
63 53.5 45.1 67.7
154 62.1 51.2 76.8

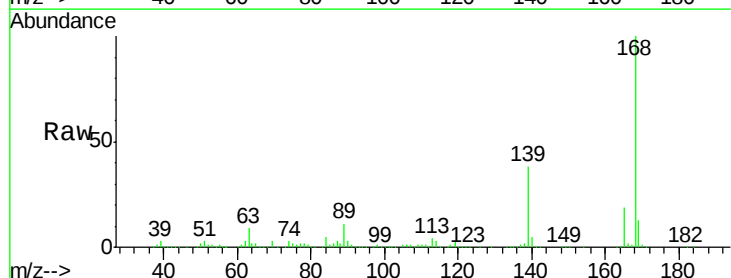


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

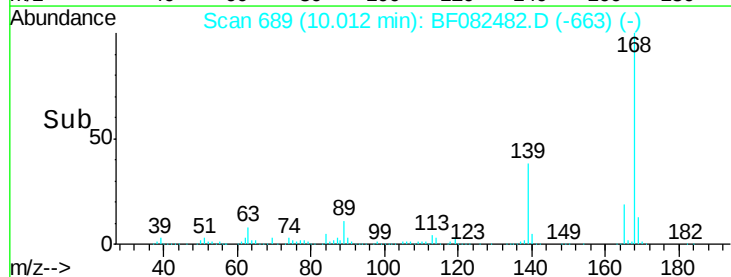
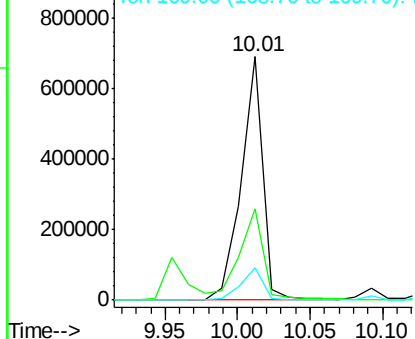


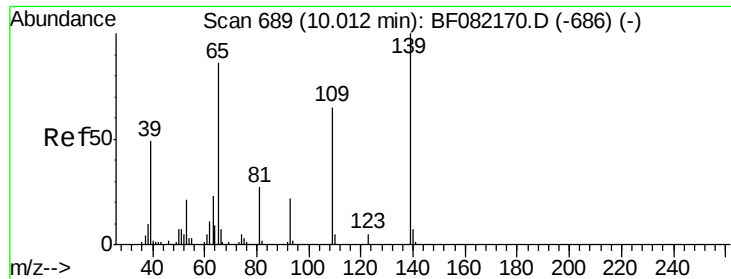
#54
Dibenzofuran
Concen: 41.96 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:168 Resp: 711652
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 13.3 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: 58.42 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

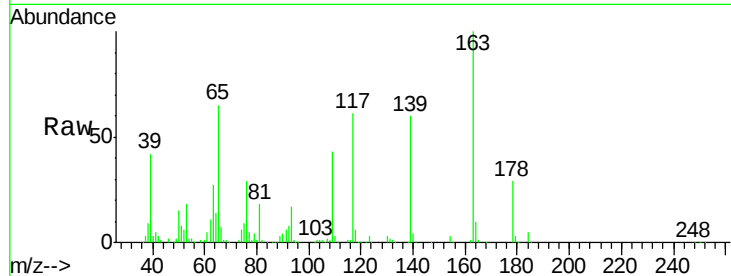
Tot Ion:139 Resp: 132987

Ion Ratio Lower Upper

139 100

109 71.0 44.8 84.8

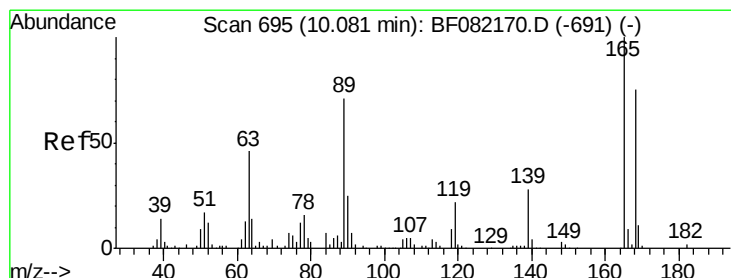
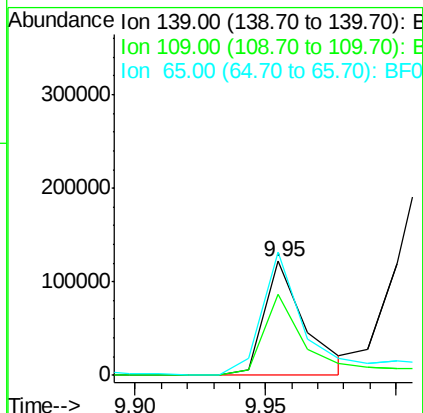
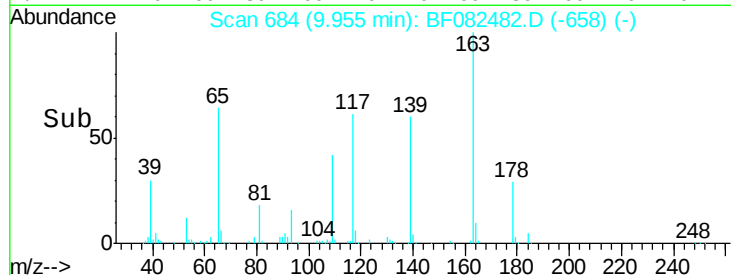
65 107.9 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.42 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Tgt Ion:165 Resp: 173356

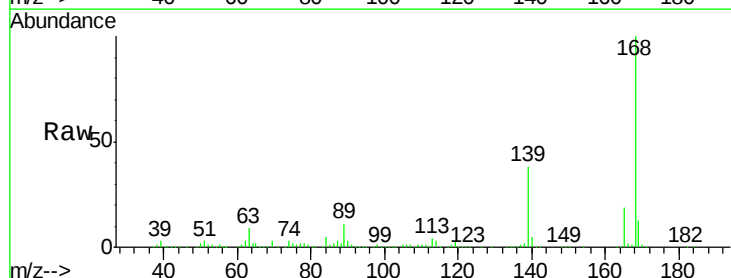
Ion Ratio Lower Upper

165 100

63 46.0 38.6 58.0

89 57.8 57.0 85.6

182 2.6 1.8 2.6

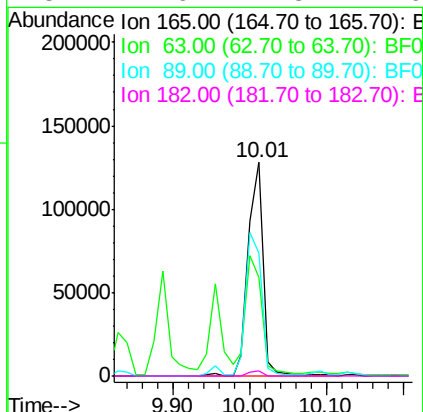
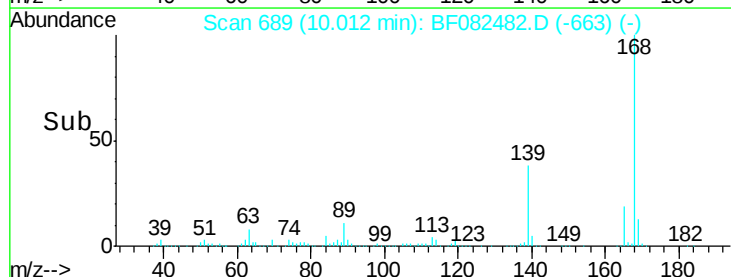


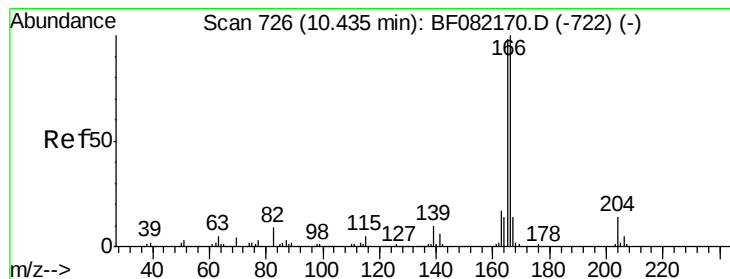
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.46 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

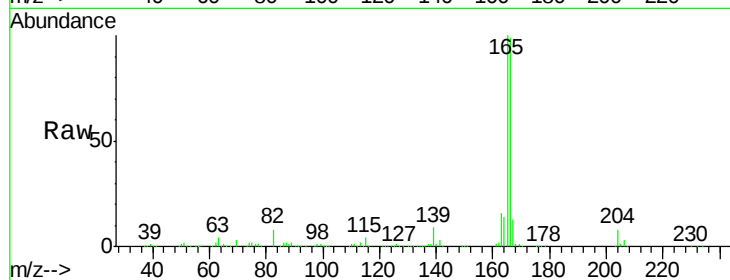
Tot Ion:166 Resp: 577469

Ion Ratio Lower Upper

166 100

165 100.6 78.3 117.5

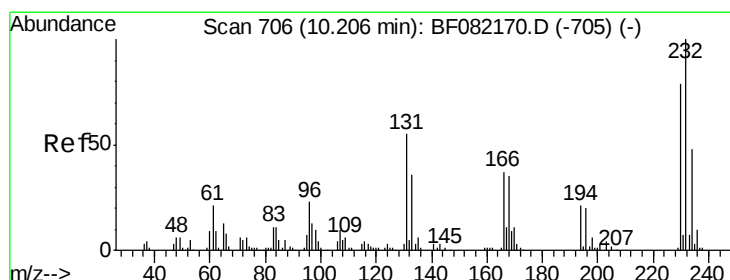
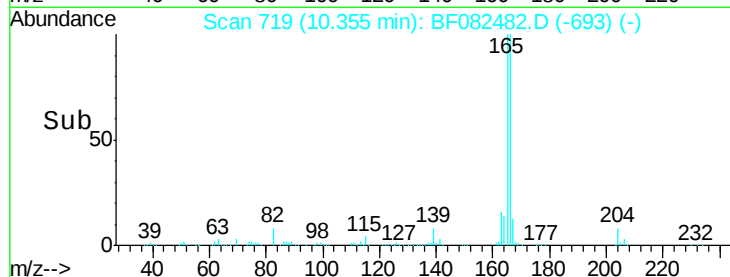
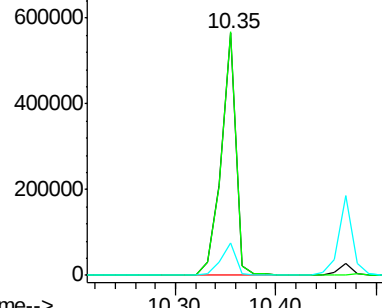
167 13.5 10.8 16.2



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: 38.93 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Tgt Ion:232 Resp: 149780

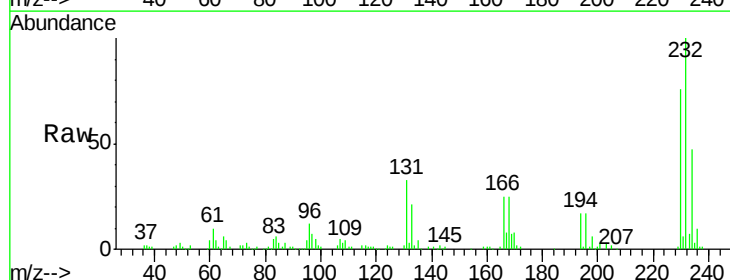
Ion Ratio Lower Upper

232 100

131 41.3 36.6 54.8

130 1.7 1.5 2.3

166 27.8 24.6 37.0

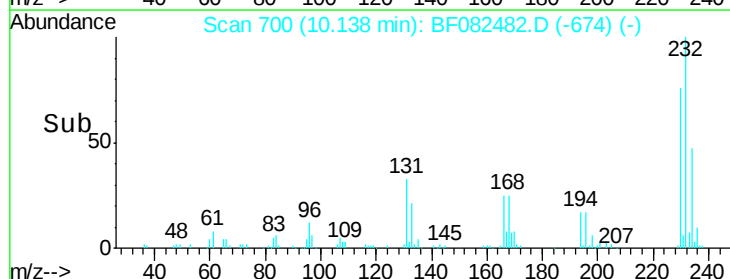
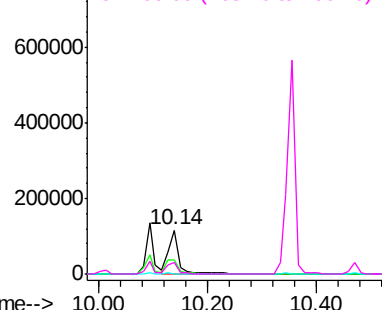


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.05 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

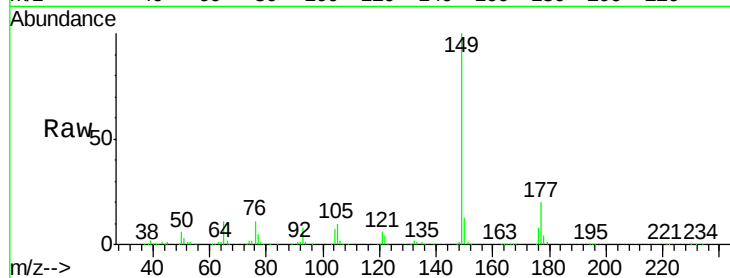
Tot Ion:149 Resp: 578426

Ion Ratio Lower Upper

149 100

177 20.2 17.6 26.4

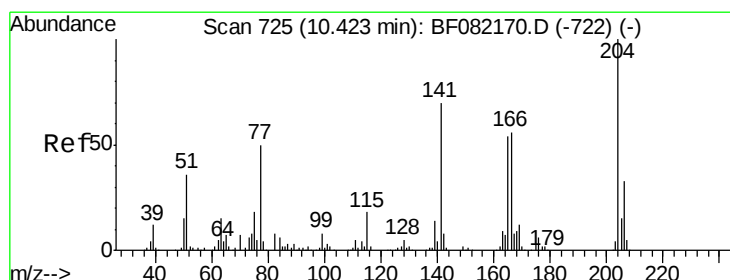
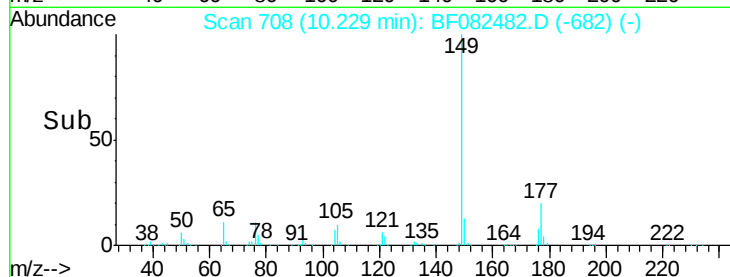
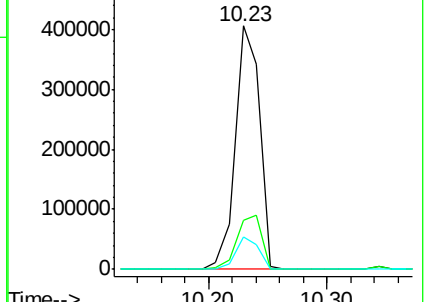
150 13.1 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.34 ng

RT: 10.34 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

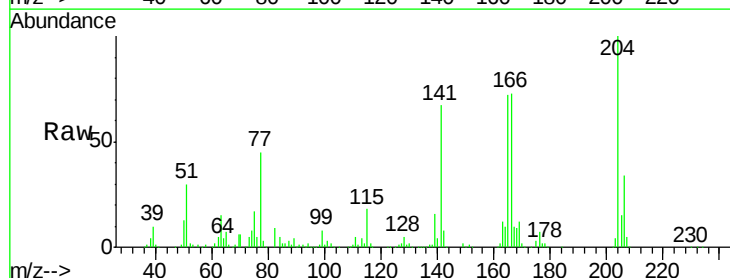
Tgt Ion:204 Resp: 257414

Ion Ratio Lower Upper

204 100

206 34.2 26.8 40.2

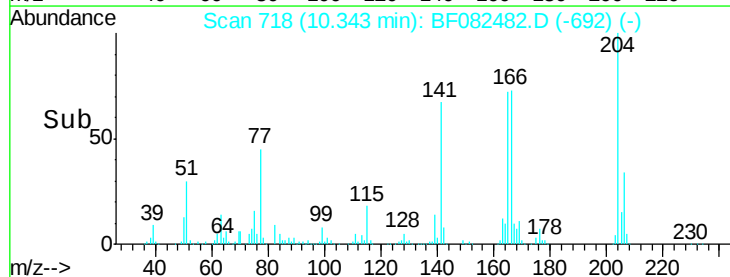
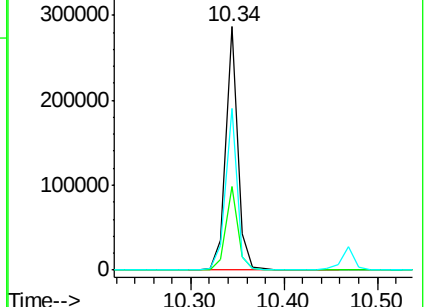
141 66.5 56.1 84.1

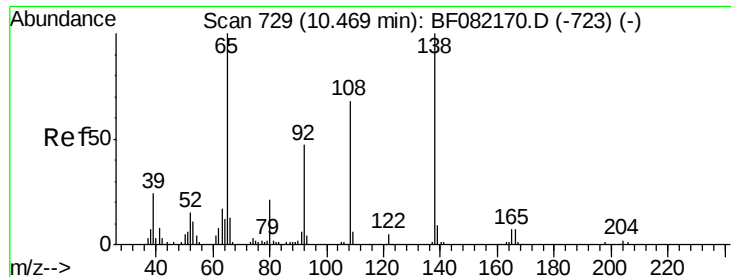


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.74 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

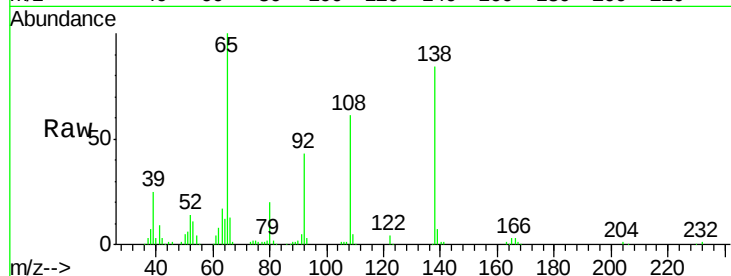
Tot Ion:138 Resp: 131612

Ion Ratio Lower Upper

138 100

92 51.8 26.8 66.8

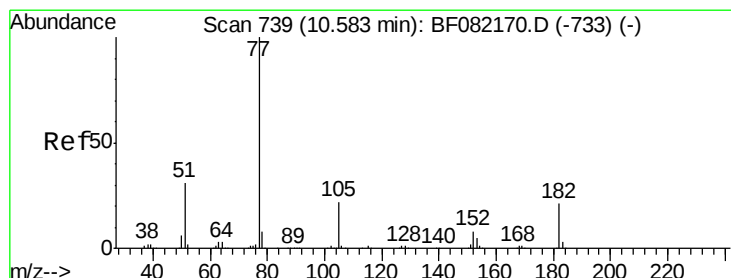
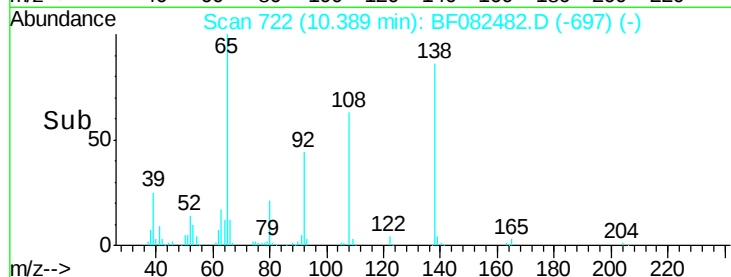
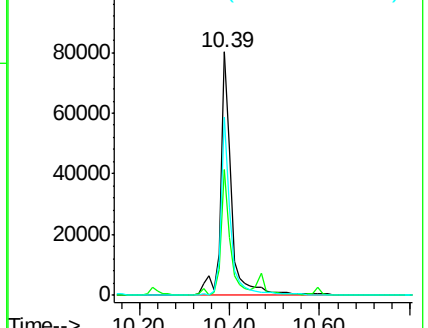
108 73.2 48.4 88.4



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: 40.39 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Tgt Ion: 77 Resp: 570932

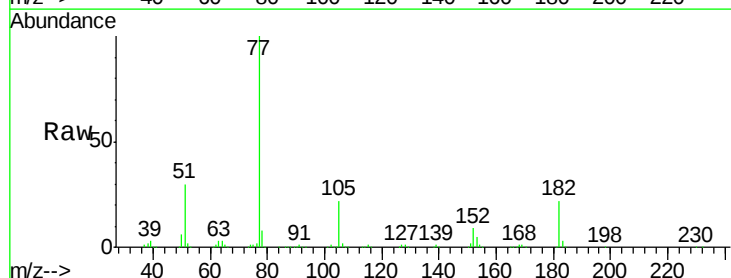
Ion Ratio Lower Upper

77 100

182 22.5 0.5 40.5

105 22.2 1.8 41.8

51 29.6 11.2 51.2

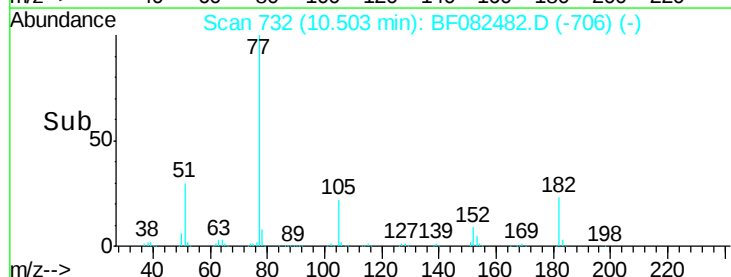
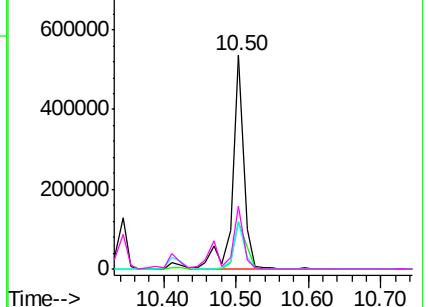


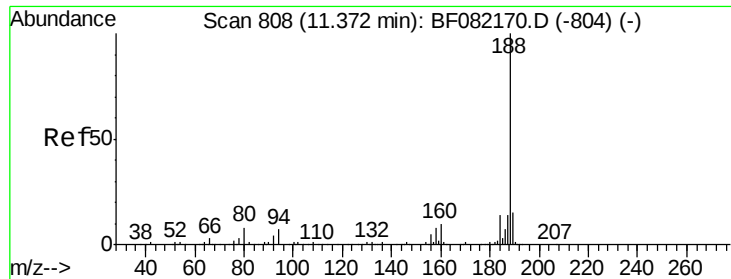
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

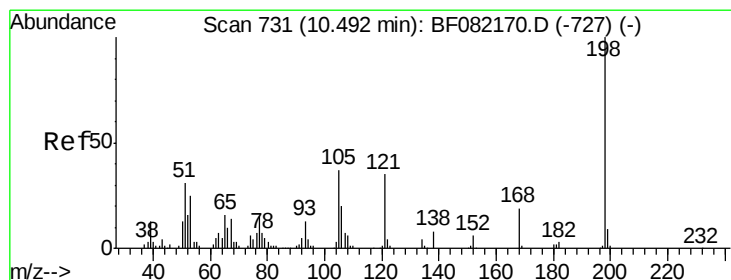
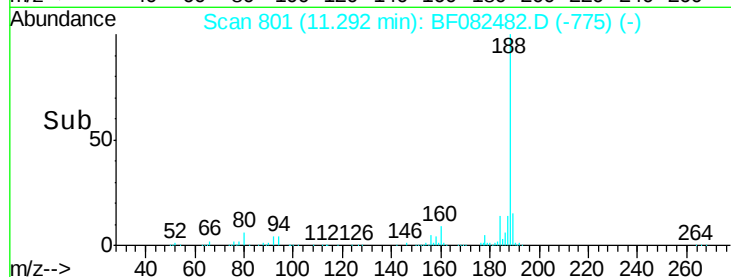
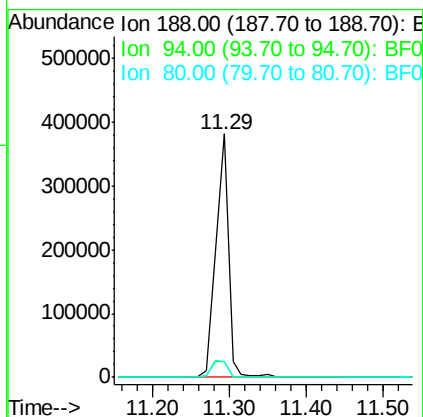
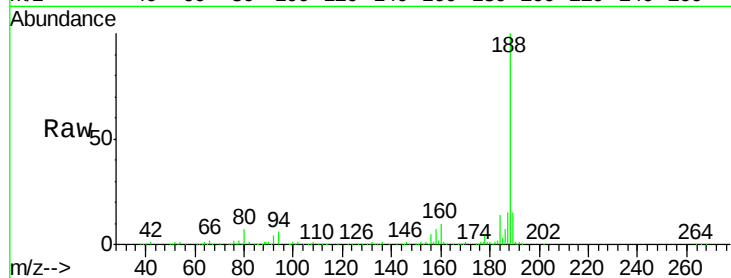




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

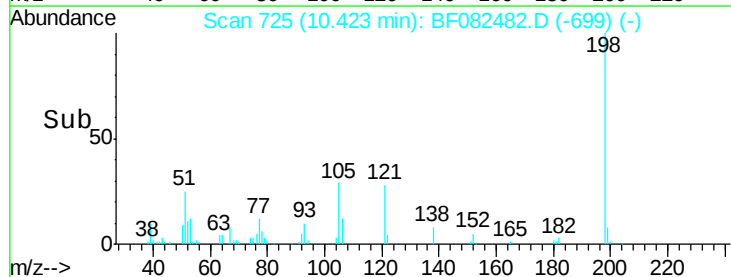
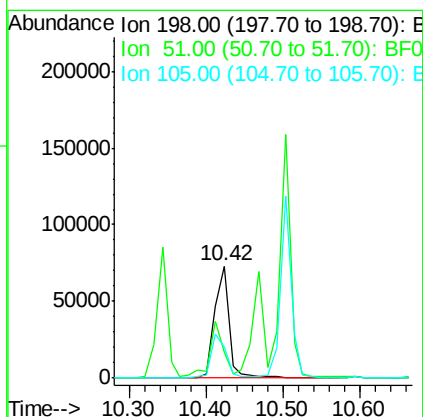
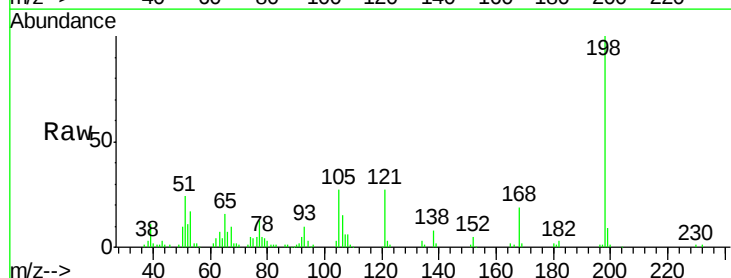
Instrument :
BNA_F
ClientSampleId :
PB86276BS

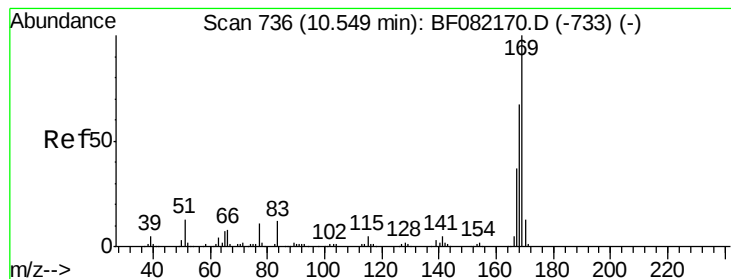
Tot Ion:188 Resp: 433384
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.6
80 6.7 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 39.91 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:198 Resp: 97072
Ion Ratio Lower Upper
198 100
51 23.7 13.6 53.6
105 27.3 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 37.97 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

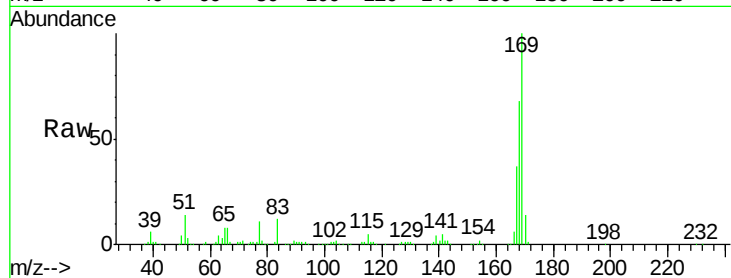
Tot Ion:169 Resp: 492675

Ion Ratio Lower Upper

169 100

168 67.8 54.0 81.0

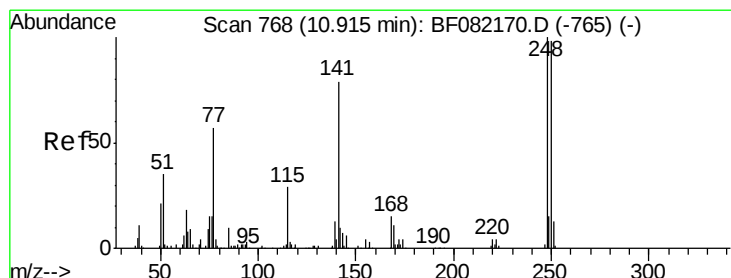
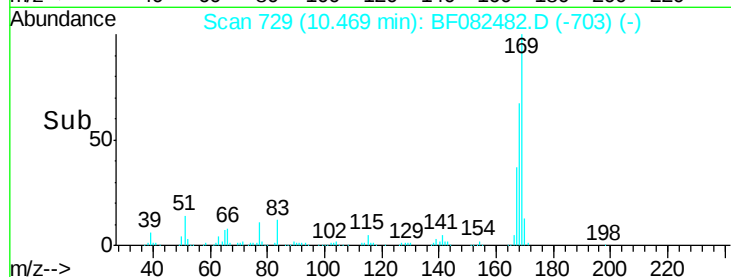
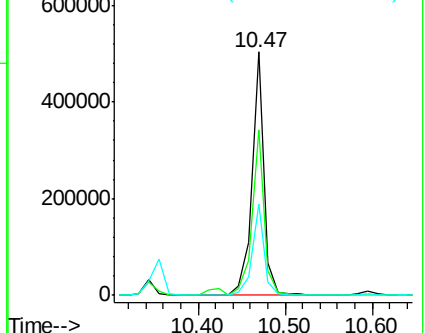
167 37.3 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.09 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

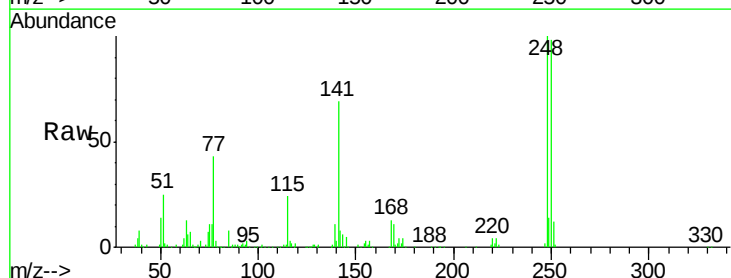
Tgt Ion:248 Resp: 169536

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

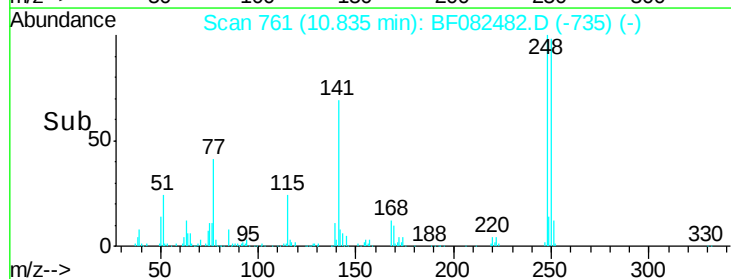
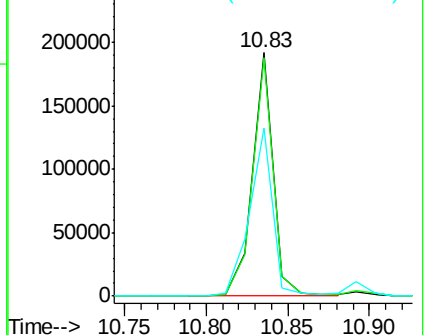
141 68.8 63.3 94.9

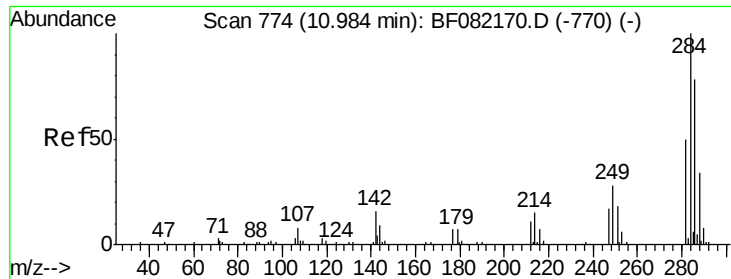


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

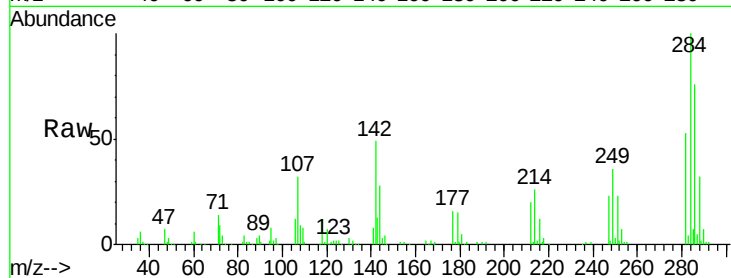




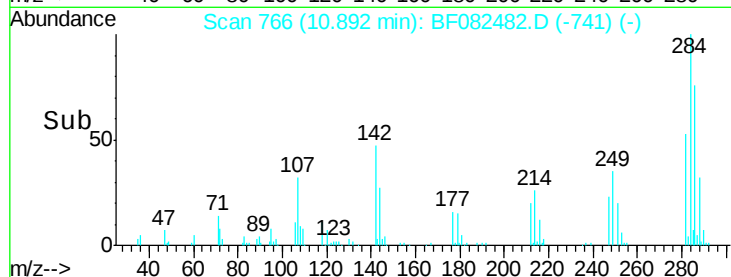
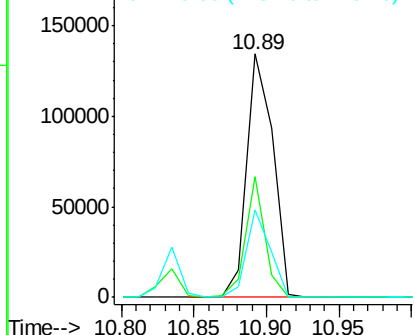
#67
Hexachlorobenzene
Concen: 35.87 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:284 Resp: 168245
Ion Ratio Lower Upper
284 100
142 49.4 13.0 19.6#
249 35.8 22.5 33.7#

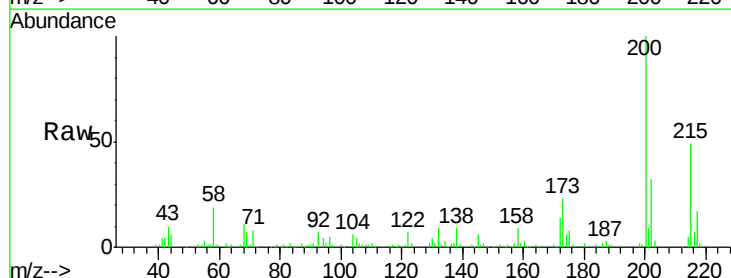


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

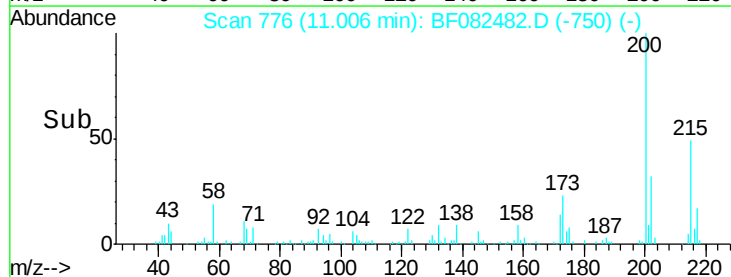
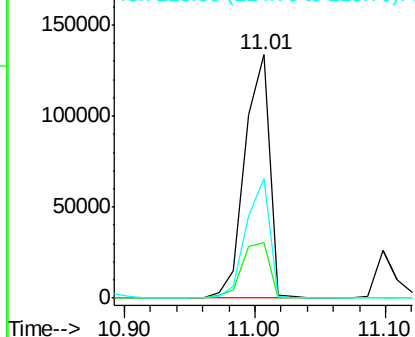


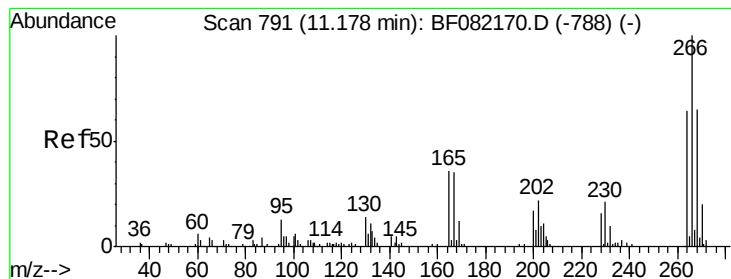
#68
Atrazine
Concen: 42.62 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:200 Resp: 175220
Ion Ratio Lower Upper
200 100
173 22.8 7.3 47.3
215 49.0 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: 65.40 ng

RT: 11.10 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

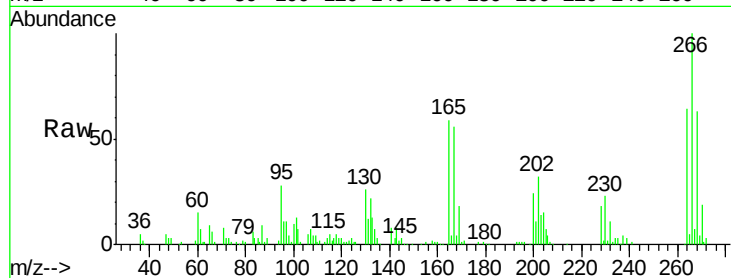
Tot Ion:266 Resp: 157859

Ion Ratio Lower Upper

266 100

268 62.5 52.0 78.0

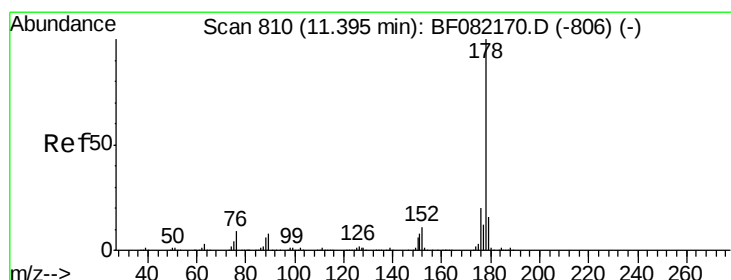
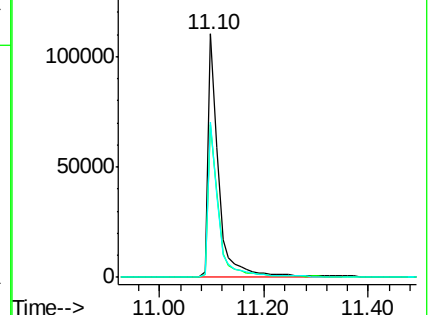
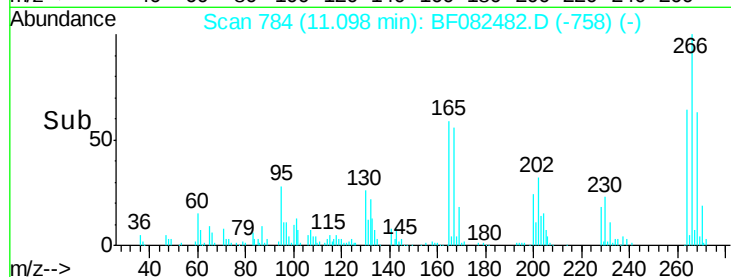
264 63.8 51.4 77.0



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: 40.27 ng

RT: 11.32 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

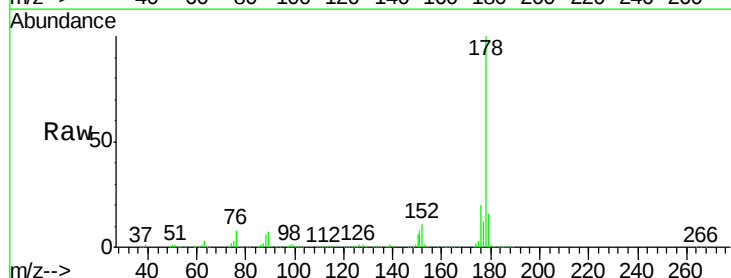
Tgt Ion:178 Resp: 855444

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

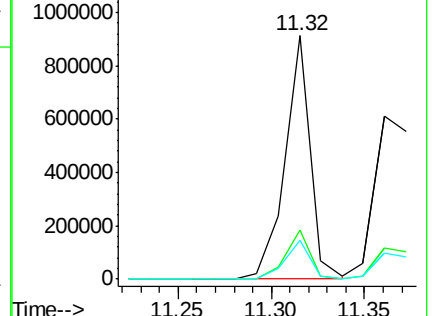
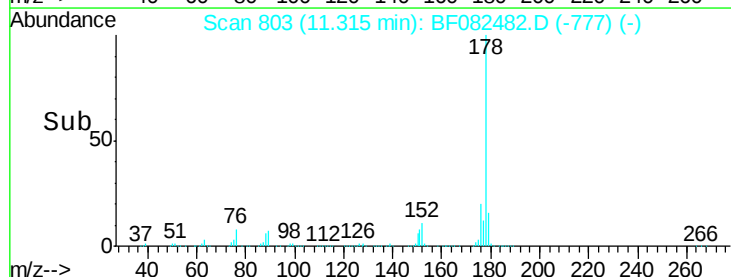
179 15.8 12.6 19.0

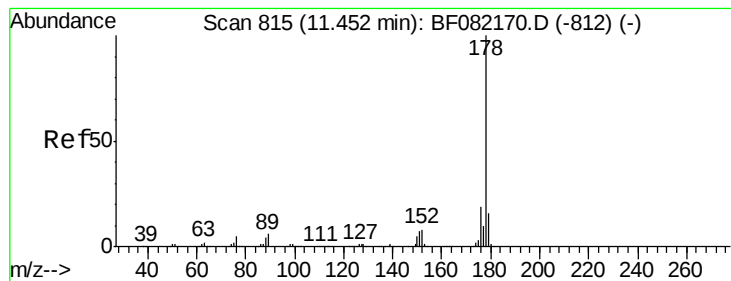


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.51 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

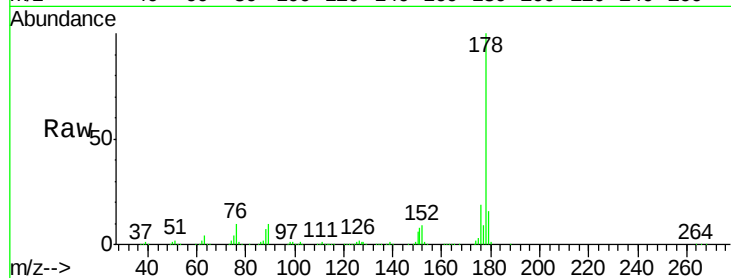
Tot Ion:178 Resp: 886836

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

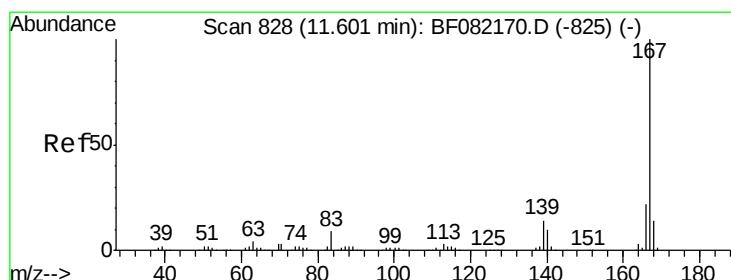
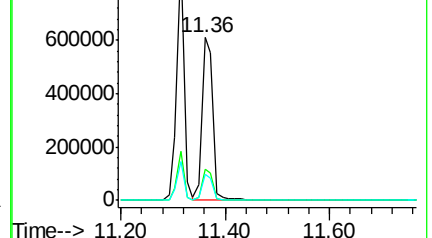
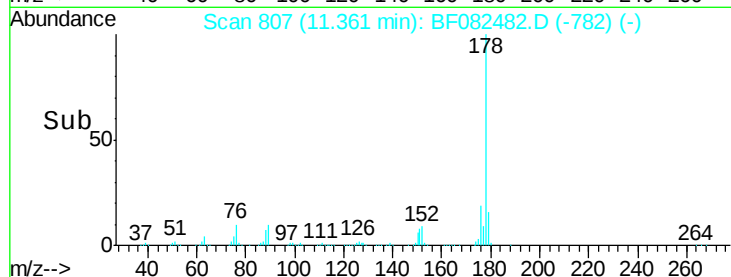
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.06 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

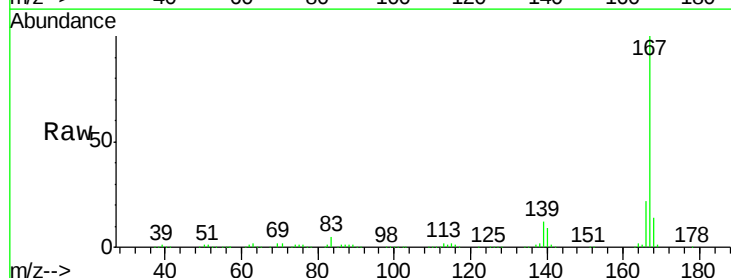
Tgt Ion:167 Resp: 799934

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

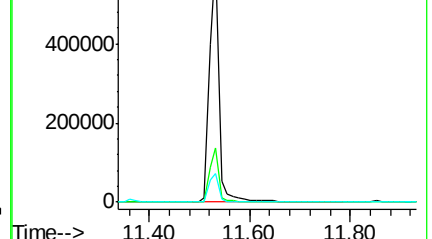
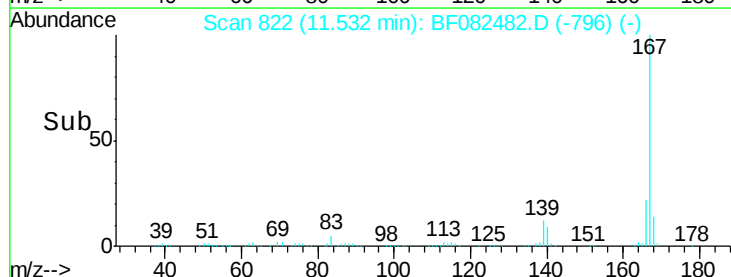
139 11.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.10 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

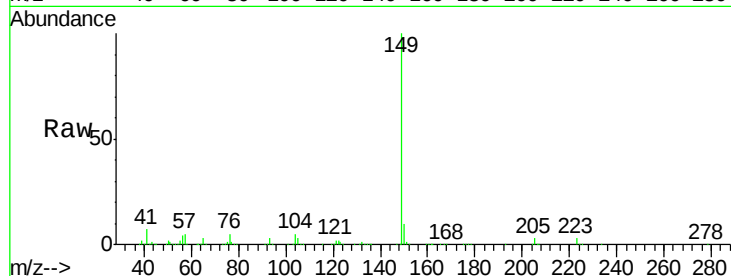
Tot Ion:149 Resp: 913975

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

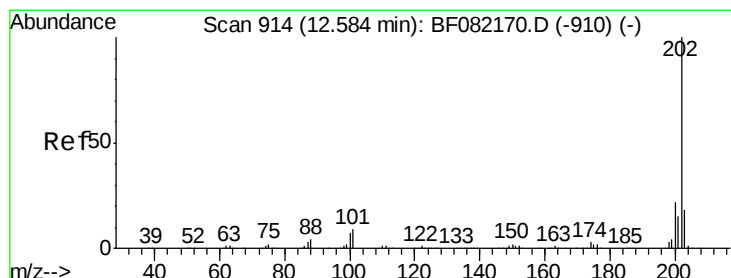
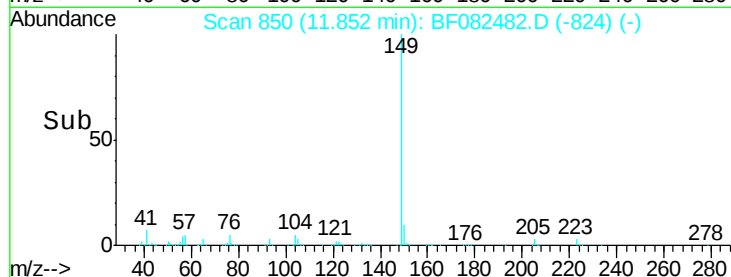
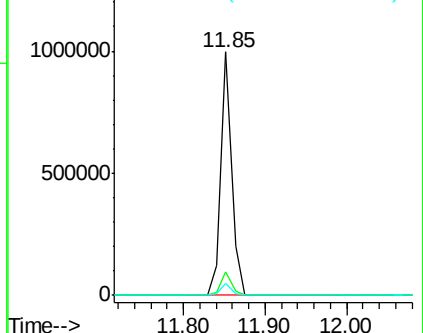
104 5.1 3.8 5.8



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: 41.99 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

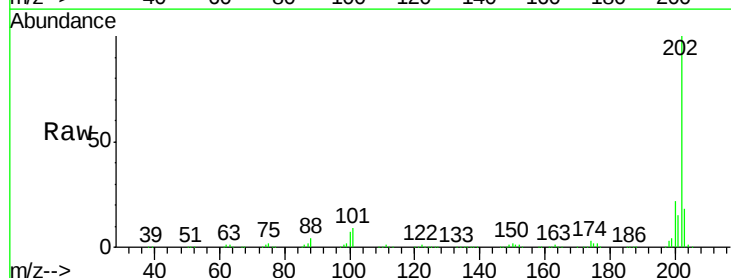
Tgt Ion:202 Resp: 958051

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.3

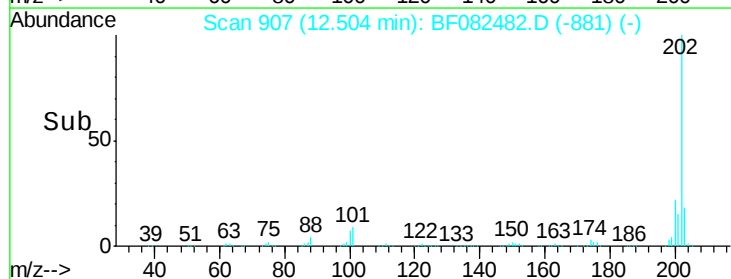
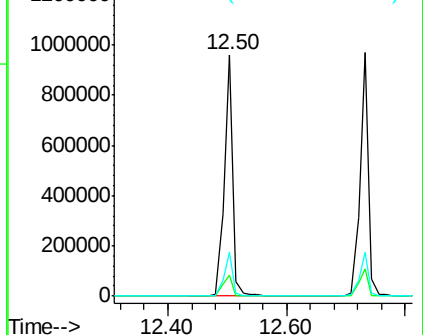
203 18.1 0.0 37.8

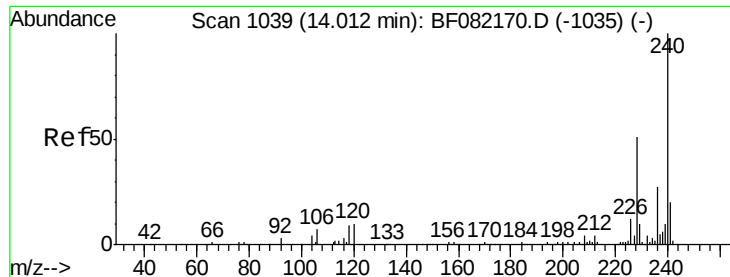


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

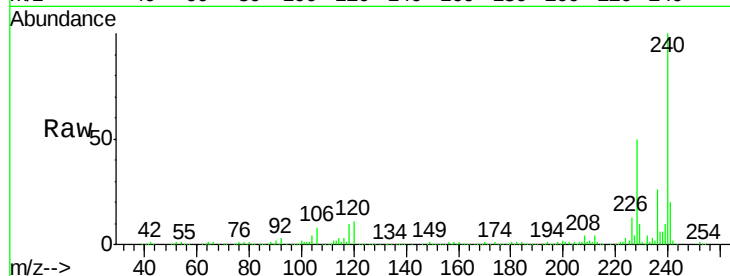




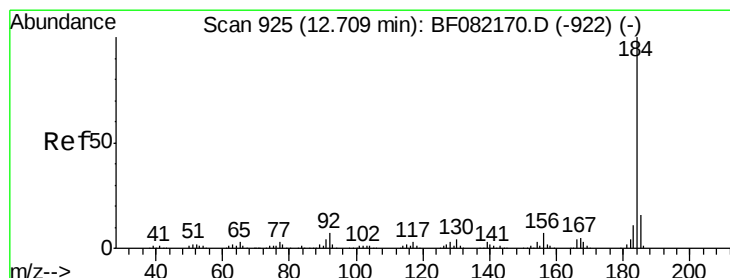
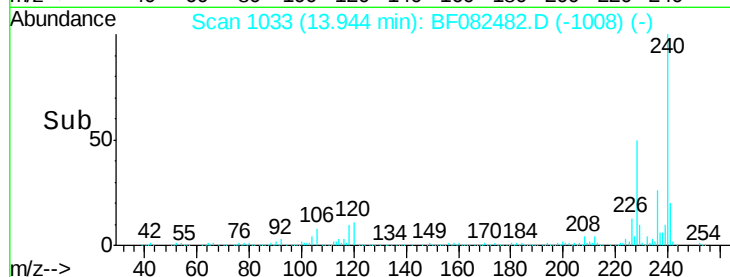
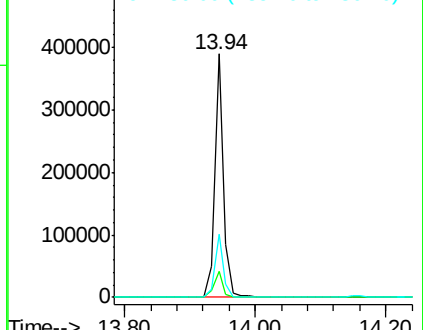
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Tot Ion:240 Resp: 374238
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.8 21.3 31.9

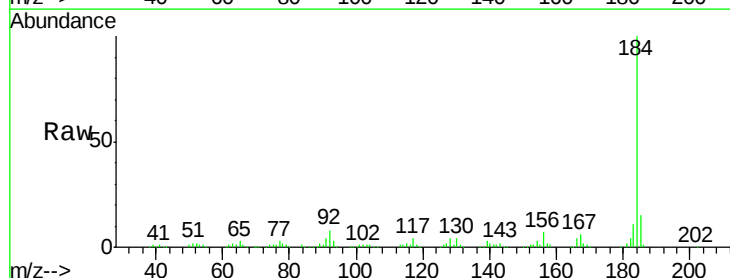


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

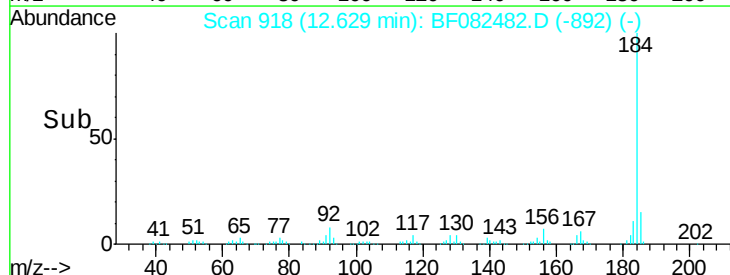
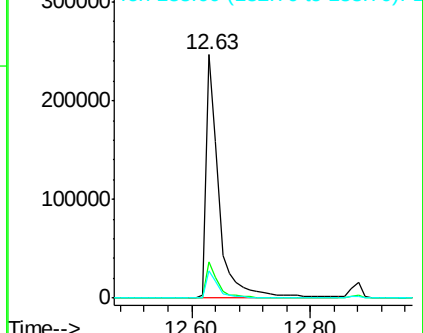


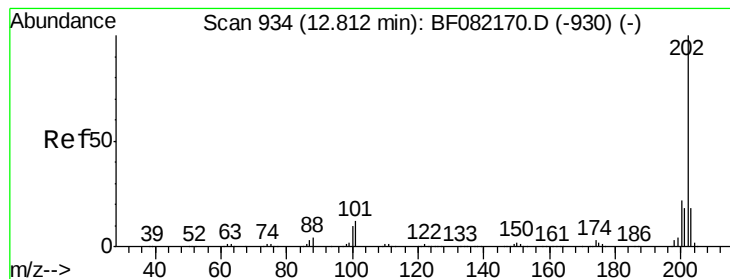
#76
Benzidine
Concen: 34.87 ng
RT: 12.63 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:184 Resp: 378203
Ion Ratio Lower Upper
184 100
185 14.9 12.5 18.7
183 11.2 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: 42.57 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

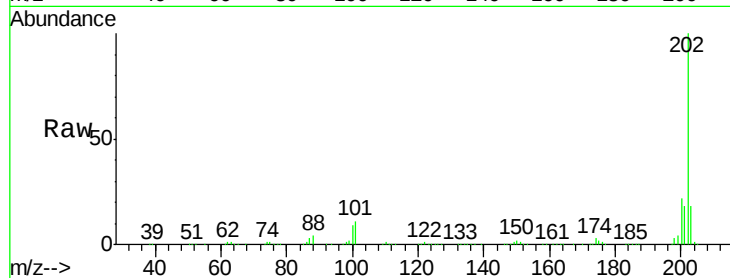
Tot Ion:202 Resp: 945446

Ion Ratio Lower Upper

202 100

200 21.9 17.9 26.9

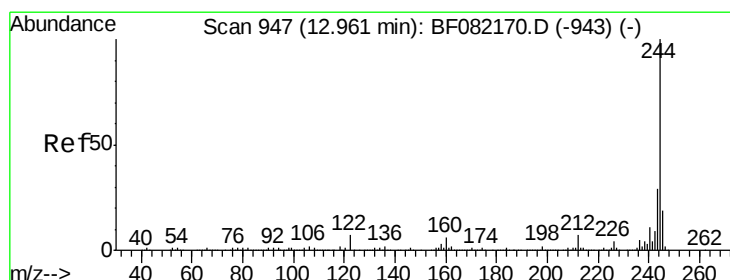
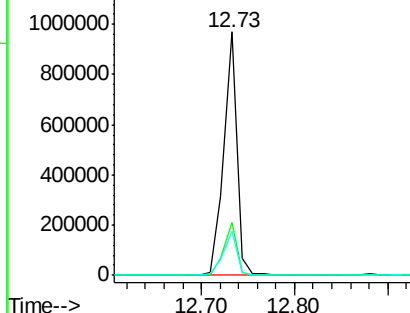
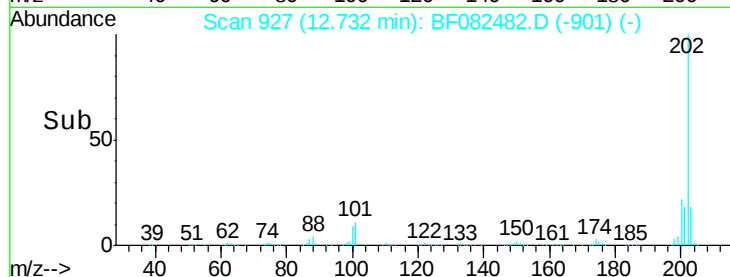
203 18.1 14.5 21.7



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: 85.95 ng

RT: 12.88 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

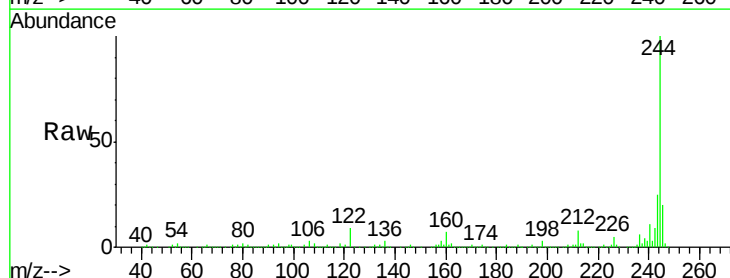
Tgt Ion:244 Resp: 1213877

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

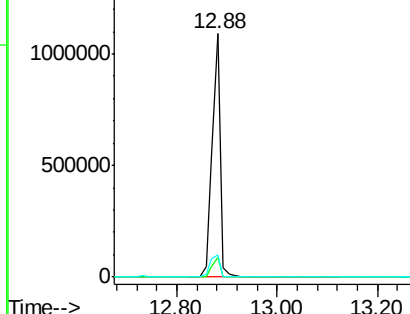
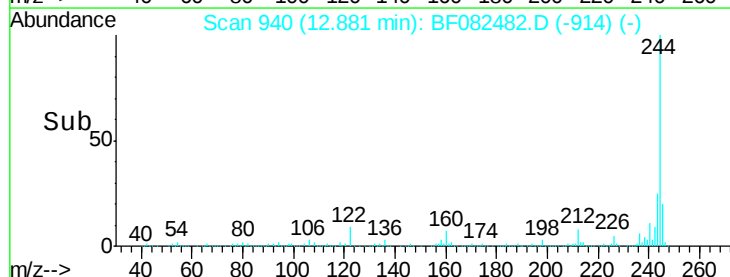
122 9.3 5.9 8.9#

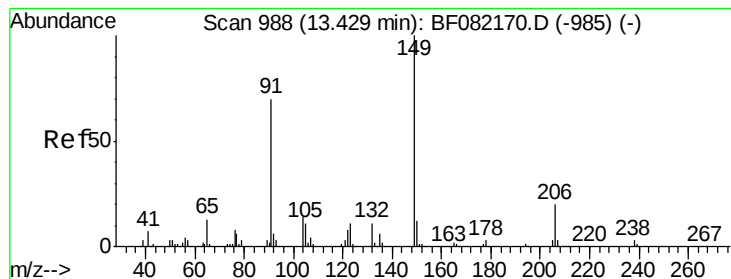


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.49 ng

RT: 13.35 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

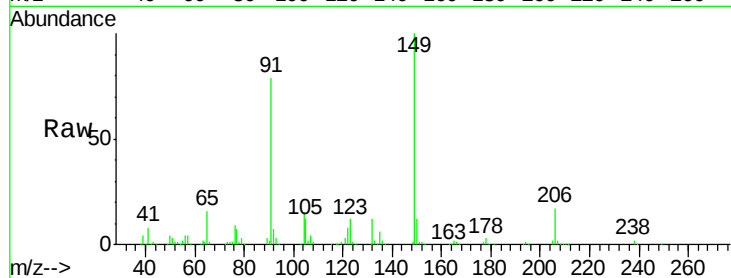
Tot Ion:149 Resp: 410354

Ion Ratio Lower Upper

149 100

91 78.8 55.7 83.5

206 16.7 15.6 23.4

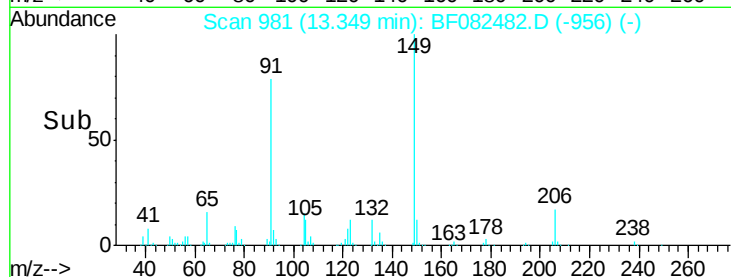


Abundance Ion 149.00 (148.70 to 149.70): E

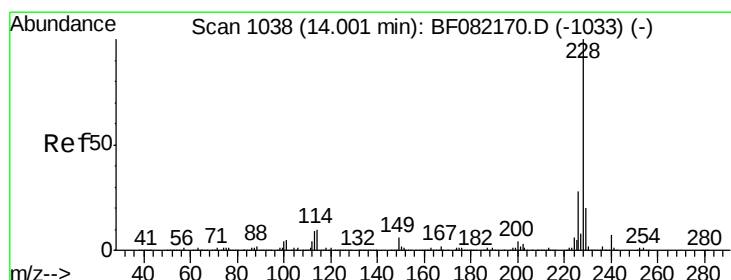
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 40.72 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

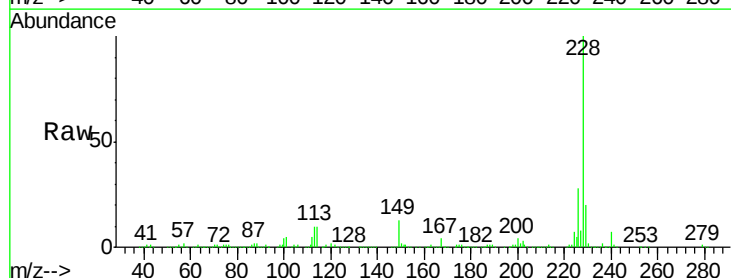
Tgt Ion:228 Resp: 792841

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 20.4 16.2 24.2

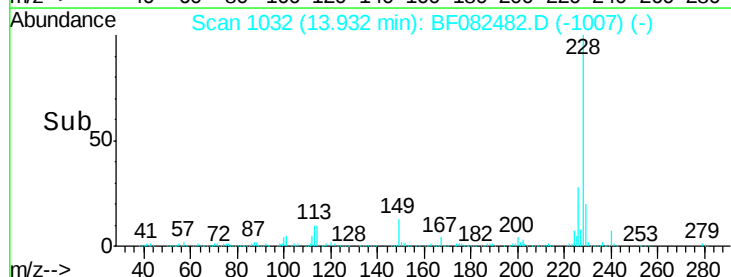


Abundance Ion 228.00 (227.70 to 228.70): E

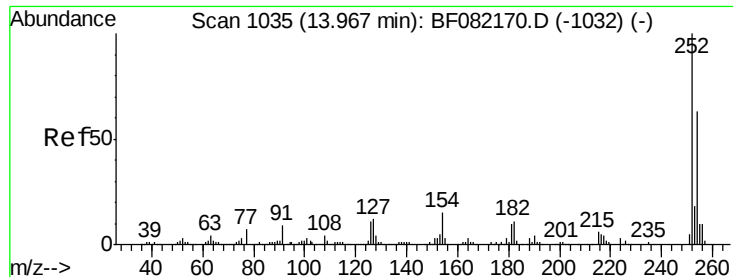
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



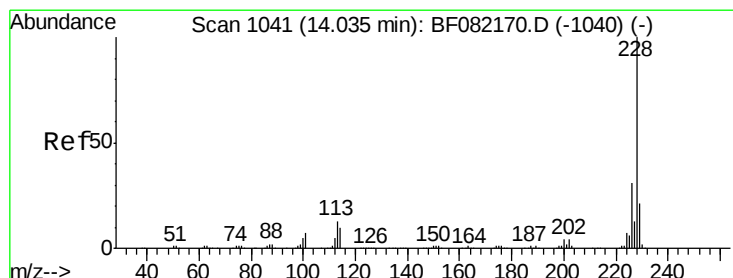
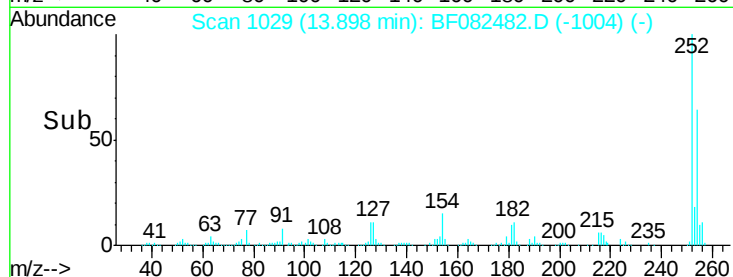
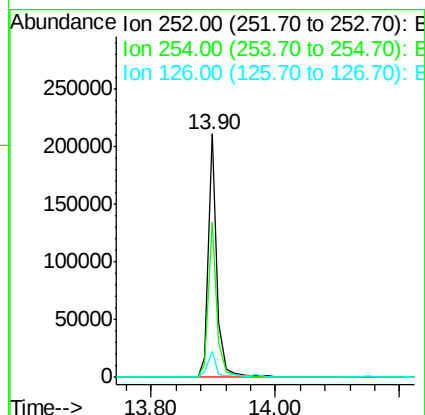
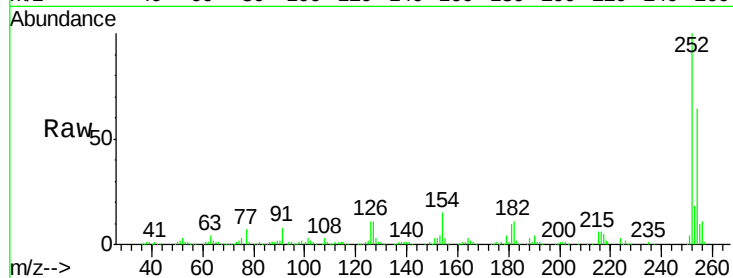
Time-->



#81
 3,3'-Dichlorobenzidine
 Concen: 27.72 ng
 RT: 13.90 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

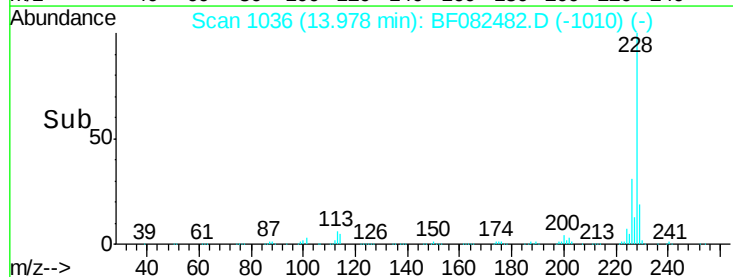
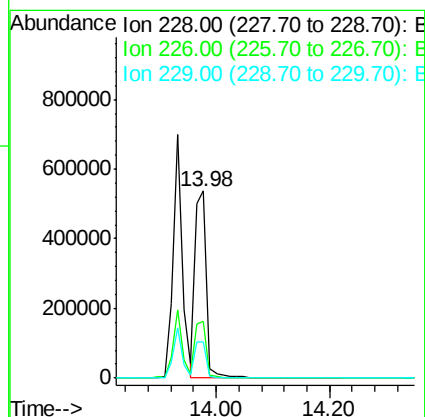
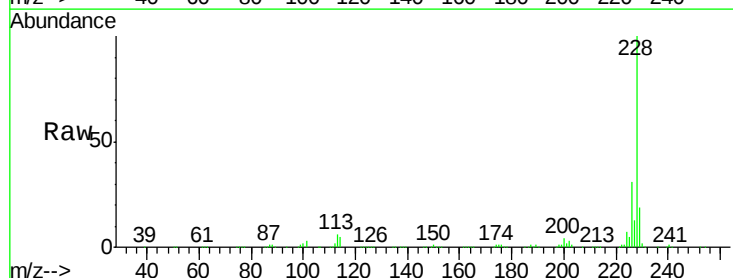
Instrument :
 BNA_F
 ClientSampled :
 PB86276BS

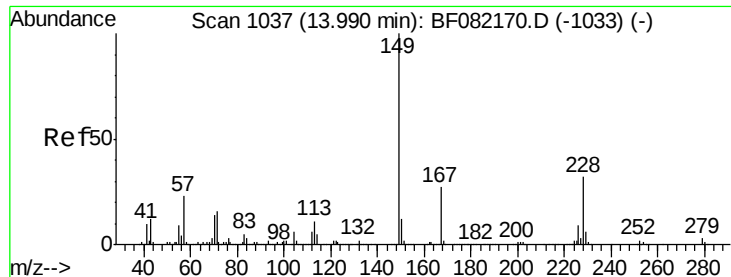
Tot Ion:252 Resp: 204890
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 10.8 9.0 13.6



#82
 Chrysene
 Concen: 37.01 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion:228 Resp: 759429
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.4 16.3 24.5

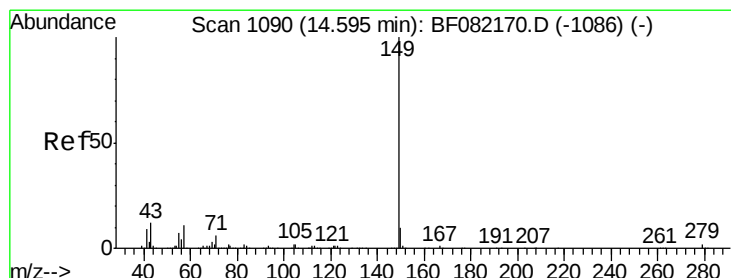
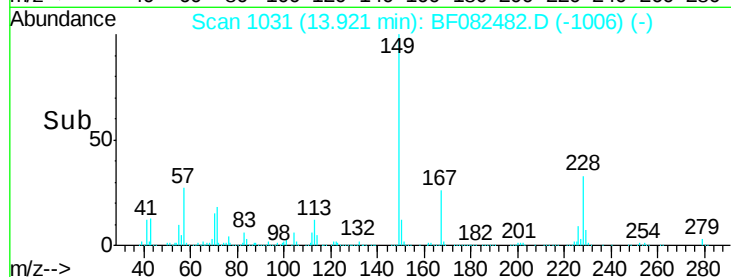
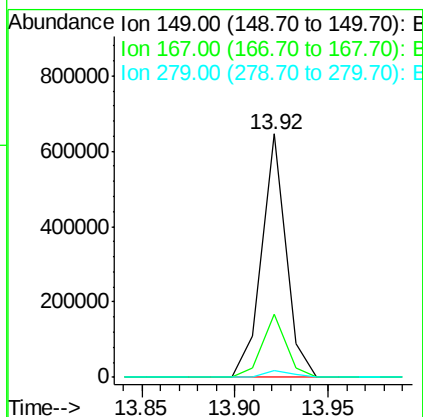
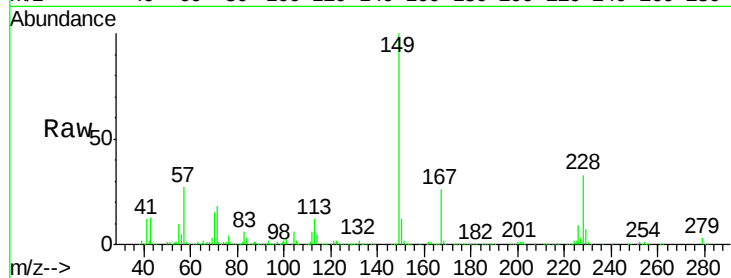




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.27 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

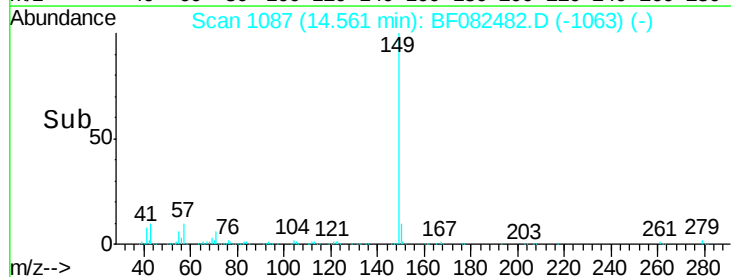
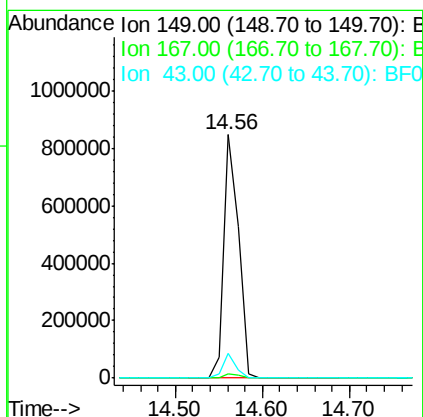
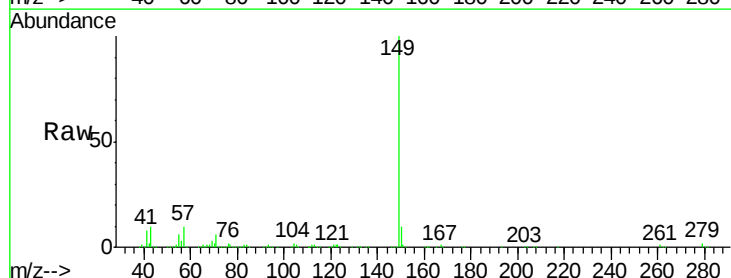
Instrument :
 BNA_F
 ClientSampleId :
 PB86276BS

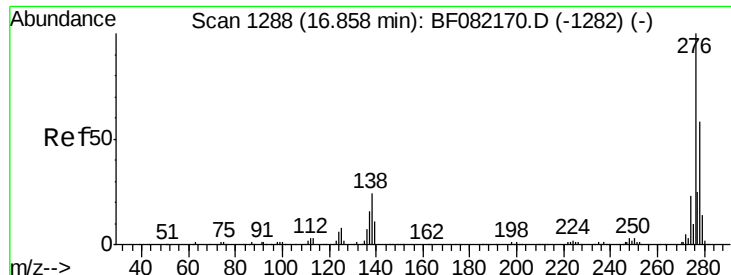
Tot Ion:149 Resp: 582276
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.7 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 40.58 ng
 RT: 14.56 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF082482.D
 Acq: 23 Oct 2015 23:17

Tgt Ion:149 Resp: 1007625
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.0 7.4 11.2

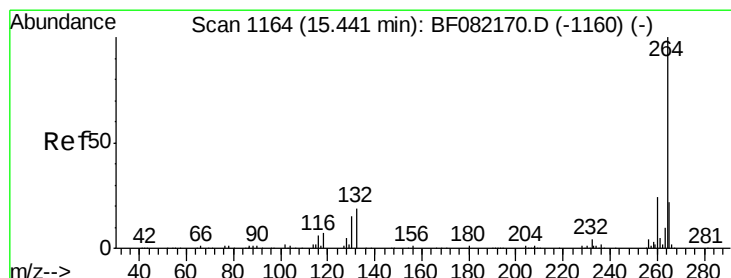
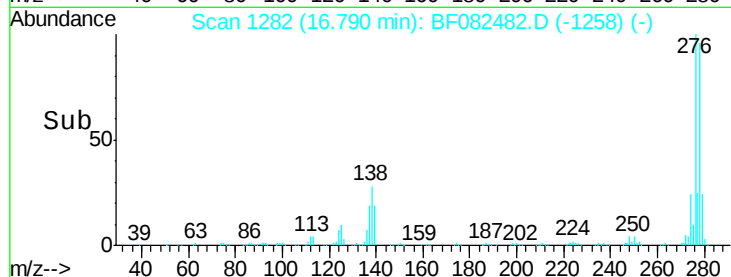
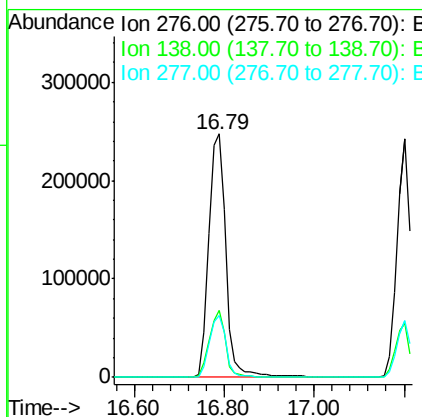
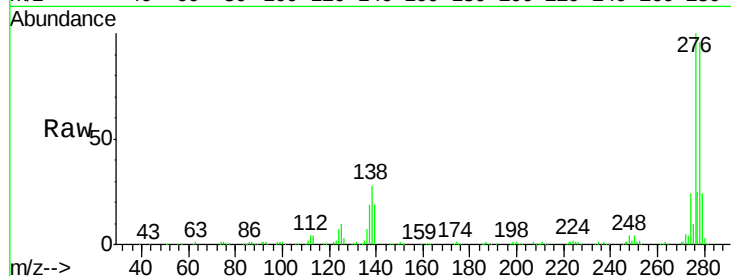




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.48 ng
RT: 16.79 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

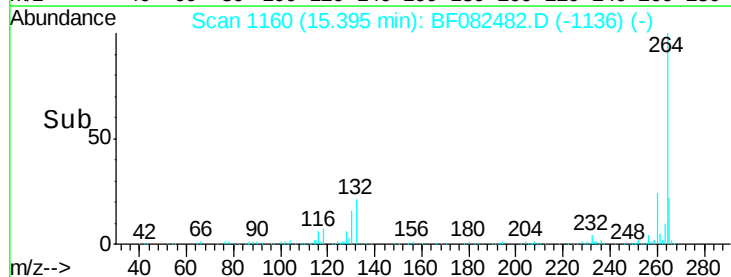
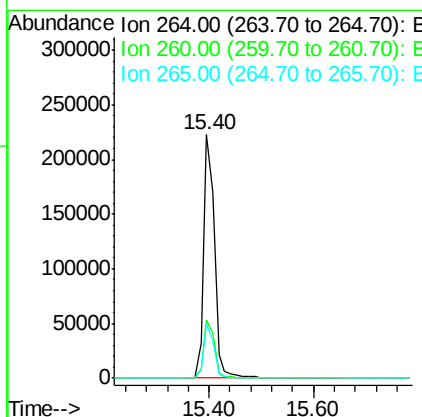
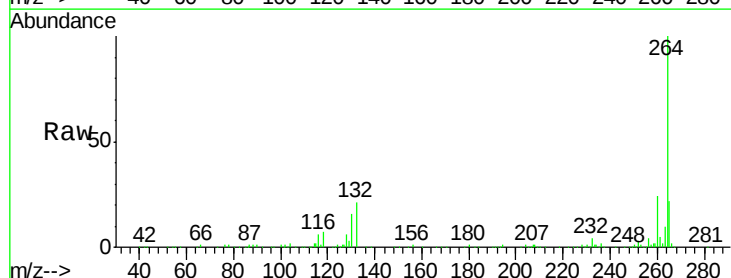
Instrument :
BNA_F
ClientSampleId :
PB86276BS

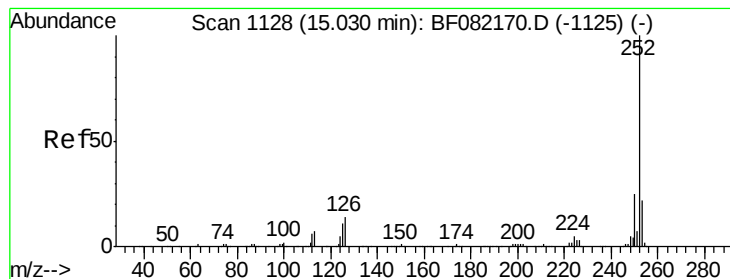
Tot Ion:276 Resp: 660163
Ion Ratio Lower Upper
276 100
138 26.0 19.7 29.5
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF082482.D
Acq: 23 Oct 2015 23:17

Tgt Ion:264 Resp: 321792
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 75.59 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

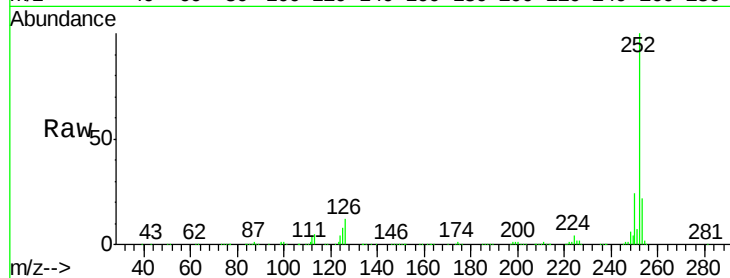
Tot Ion:252 Resp: 1479863

Ion Ratio Lower Upper

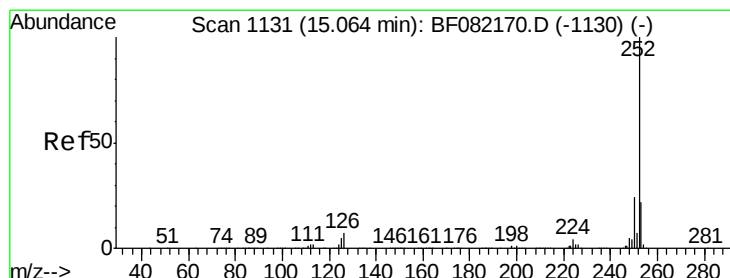
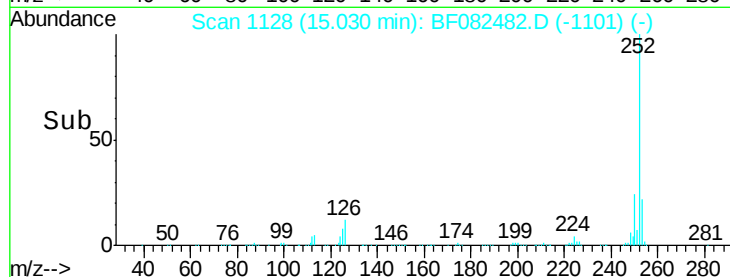
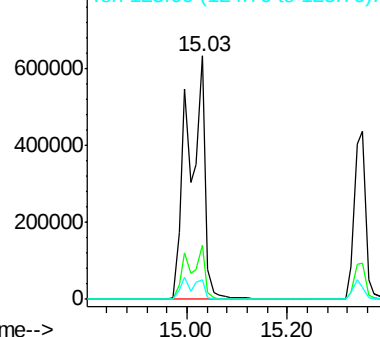
252 100

253 22.4 18.0 27.0

125 8.2 8.6 12.8#



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



#88

Benzo(k)fluoranthene

Concen: 89.97 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

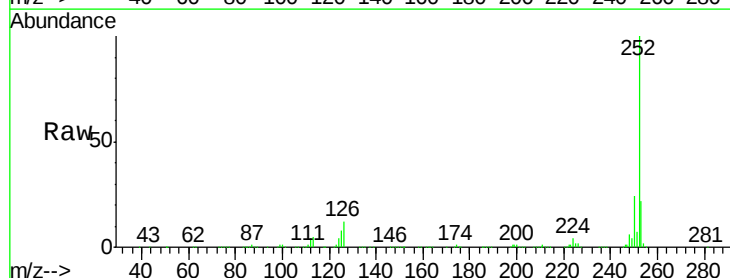
Tgt Ion:252 Resp: 1480444

Ion Ratio Lower Upper

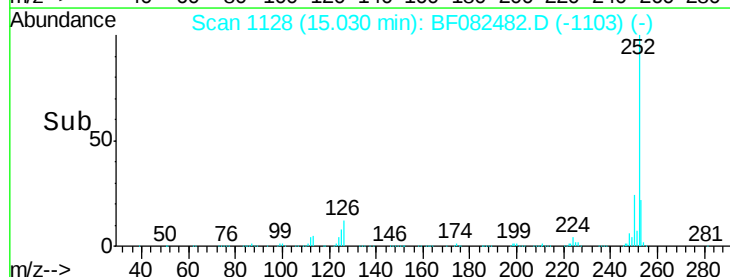
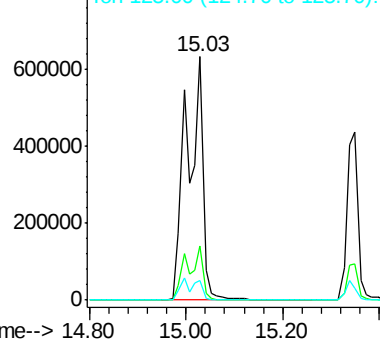
252 100

253 22.4 17.8 26.6

125 8.2 6.7 10.1



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





#89

Benzo(a)pyrene

Concen: 41.50 ng

RT: 15.35 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

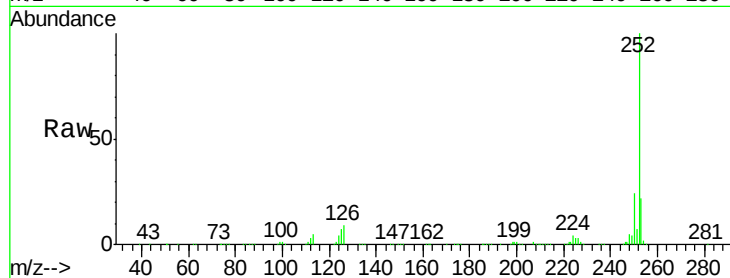
Tot Ion:252 Resp: 698294

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

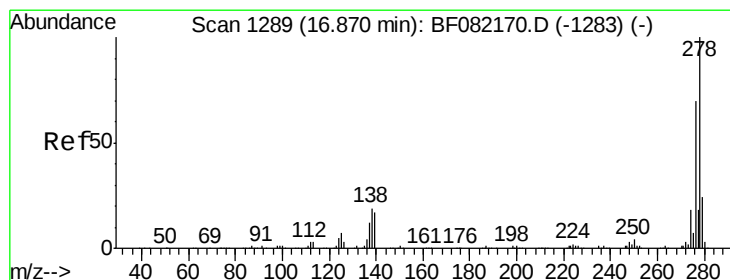
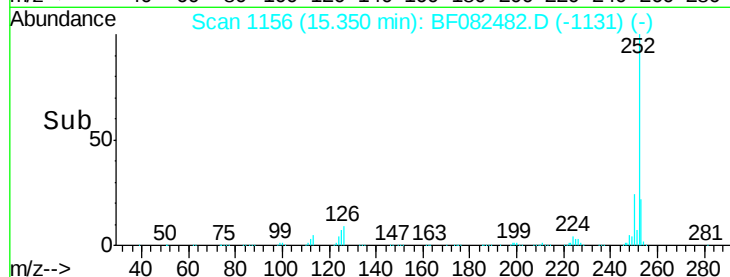
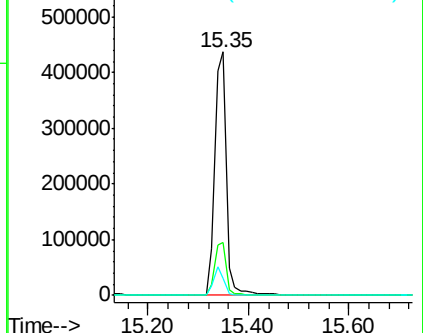
125 7.3 8.9 13.3#



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: 40.44 ng

RT: 16.80 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

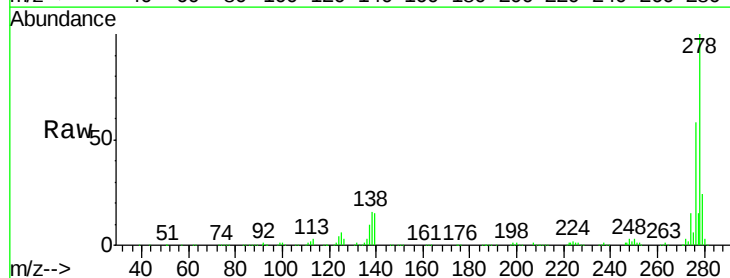
Tgt Ion:278 Resp: 557535

Ion Ratio Lower Upper

278 100

139 14.5 13.3 19.9

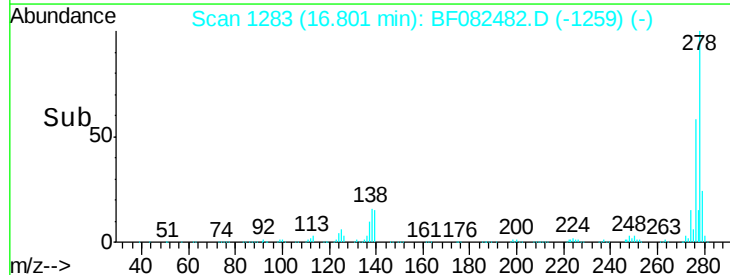
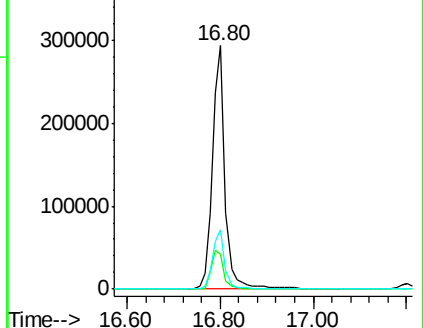
279 24.3 18.9 28.3

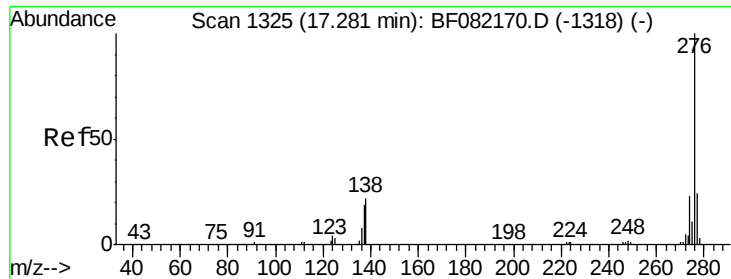


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.60 ng

RT: 17.20 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF082482.D

Acq: 23 Oct 2015 23:17

Instrument :

BNA_F

ClientSampleId :

PB86276BS

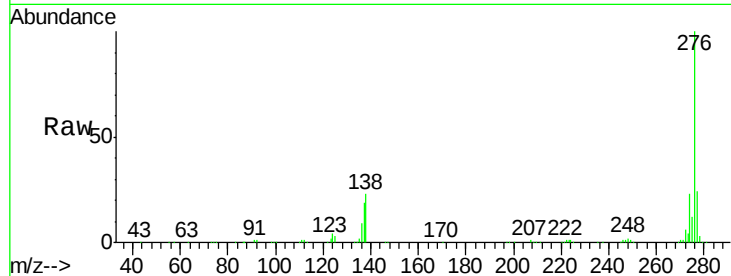
Tot Ion: 276 Resp: 530456

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.7 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

