

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082472.D
 Acq On : 23 Oct 2015 18:29
 Operator : UM/IZ
 Sample : PB86220BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Quant Time: Oct 24 04:50:02 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	90696	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	367033	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	185020	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	367335	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290040	20.00	ng	0.01
86) Perylene-d12	15.48	264	265875	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	597601	132.98	ng	0.01
7) Phenol-d6	6.41	99	792114	135.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	483993	88.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	197772	113.98	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1054216	94.49	ng	0.00
78) Terphenyl-d14	12.88	244	984398	89.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	74044	32.79	ng	# 96
3) Pyridine	3.04	79	187772	35.76	ng	97
4) n-Nitrosodimethylamine	3.01	42	93272	41.88	ng	99
6) Aniline	6.42	93	192459	25.53	ng	# 1
8) 2-Chlorophenol	6.54	128	230839	42.08	ng	# 78
9) Benzaldehyde	6.30	77	77119	25.82	ng	92
10) Phenol	6.42	94	321660	47.71	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	222845	39.08	ng	89
12) 1,3-Dichlorobenzene	6.69	146	255729	40.03	ng	95
13) 1,4-Dichlorobenzene	6.77	146	264424	39.63	ng	96
14) 1,2-Dichlorobenzene	6.77	146	265878	41.97	ng	95
15) Benzyl Alcohol	6.91	79	187906	46.55	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	316786	39.90	ng	79
17) 2-Methylphenol	7.03	107	190233	43.85	ng	93
18) Hexachloroethane	7.26	117	92288	40.41	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	165505	40.30	ng	# 89
20) 3+4-Methylphenols	7.19	107	250694	48.49	ng	# 62
22) Acetophenone	7.18	105	326465	44.96	ng	# 89
24) Nitrobenzene	7.35	77	256944	43.43	ng	91
25) Isophorone	7.59	82	465122	42.17	ng	97
26) 2-Nitrophenol	7.67	139	133134	45.07	ng	93
27) 2,4-Dimethylphenol	7.71	122	237359	49.87	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	290227	45.22	ng	100
29) 2,4-Dichlorophenol	7.91	162	217349	45.69	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	234479	42.76	ng	99
31) Naphthalene	8.07	128	693273	43.57	ng	99
32) Benzoic acid	7.86	122	127558	39.94	ng	97
33) 4-Chloroaniline	8.13	127	122469	18.53	ng	97
34) Hexachlorobutadiene	8.18	225	132707	38.84	ng	97
35) Caprolactam	8.50	113	47347	34.29	ng	# 76
36) 4-Chloro-3-methylphenol	8.63	107	222509	47.83	ng	# 83
37) 2-Methylnaphthalene	8.75	142	476185	43.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	242599	44.08	ng	98
40) Hexachlorocyclopentadiene	8.90	237	160318	59.90	ng	98

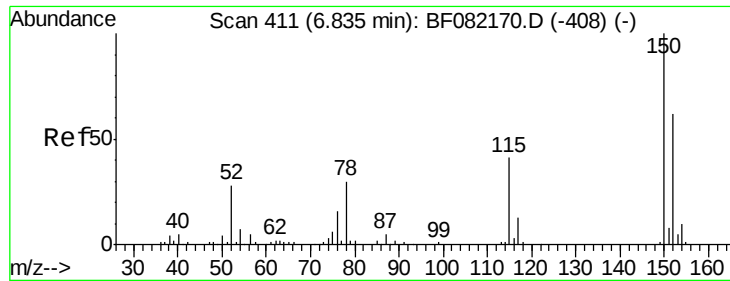
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	151239	41.38	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	164564	41.56	nq	97
45) 1,1'-Biphenyl	9.22	154	572256	40.56	nq	98
46) 2-Chloronaphthalene	9.25	162	453851	40.86	nq	# 93
47) 2-Nitroaniline	9.36	65	144996	47.55	nq	# 70
48) Acenaphthylene	9.67	152	787498	45.52	nq	99
49) Dimethylphthalate	9.53	163	547161	42.00	nq	100
50) 2,6-Dinitrotoluene	9.60	165	129964	47.28	nq	90
51) Acenaphthene	9.84	154	444397	42.78	nq	99
52) 3-Nitroaniline	9.77	138	67869	21.86	nq	99
53) 2,4-Dinitrophenol	9.89	184	113104	74.14	nq	98
54) Dibenzofuran	10.01	168	684659	48.01	nq	99
55) 4-Nitrophenol	9.95	139	130988	65.75	nq	# 84
56) 2,4-Dinitrotoluene	10.01	165	166377	48.42	nq	92
57) Fluorene	10.35	166	564048	48.16	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	138398	42.78	nq	95
59) Diethylphthalate	10.23	149	560636	46.16	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	240866	44.89	nq	100
61) 4-Nitroaniline	10.39	138	122767	40.76	nq	96
62) Azobenzene	10.50	77	541300	45.54	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	88767	43.06	nq	86
65) n-Nitrosodiphenylamine	10.47	169	465488	42.32	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	158667	43.16	nq	98
67) Hexachlorobenzene	10.89	284	163806	41.20	nq	# 60
68) Atrazine	11.01	200	171816	49.31	nq	96
69) Pentachlorophenol	11.10	266	150266	73.45	nq	98
70) Phenanthrene	11.31	178	813957	45.21	nq	100
71) Anthracene	11.37	178	851145	45.87	nq	100
72) Carbazole	11.53	167	763140	45.09	nq	97
73) Di-n-butylphthalate	11.85	149	855985	41.00	nq	99
74) Fluoranthene	12.50	202	843310	43.61	nq	98
76) Benzidine	12.64	184	295134	35.11	nq	98
77) Pyrene	12.73	202	820438	47.66	nq	99
79) Butylbenzylphthalate	13.37	149	394181	50.18	nq	# 78
80) Benzo(a)anthracene	13.96	228	716146	47.46	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	175192	30.58	nq	# 98
82) Chrysene	14.00	228	728495	45.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	537520	47.96	nq	# 98
84) Di-n-octyl phthalate	14.62	149	917192	47.66	nq	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	580799	45.95	nq	98
87) Benzo(b)fluoranthene	15.10	252	1348470	83.36	nq	# 96
88) Benzo(k)fluoranthene	15.10	252	1349345	99.25	nq	99
89) Benzo(a)pyrene	15.42	252	632753	45.52	nq	# 96
90) Dibenzo(a,h)anthracene	16.88	278	493473	43.32	nq	99
91) Benzo(g,h,i)perylene	17.28	276	477809	43.17	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082472.D

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PB86220BS

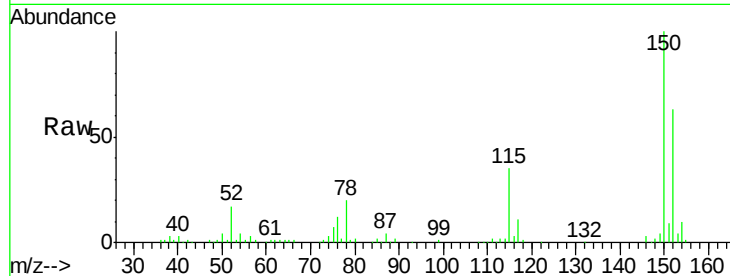
Tot Ion:152 Resp: 90696

Ion Ratio Lower Upper

152 100

150 157.6 129.0 193.4

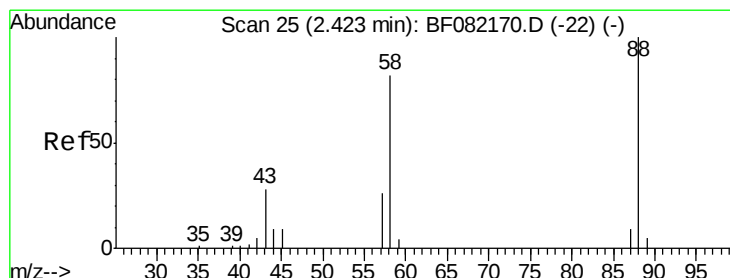
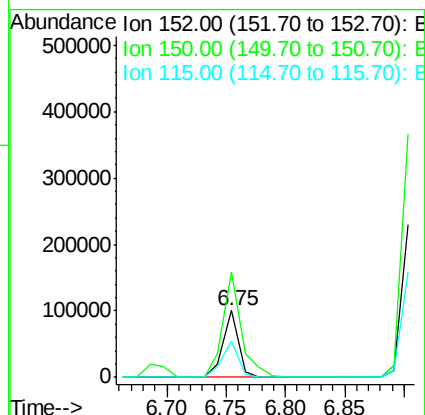
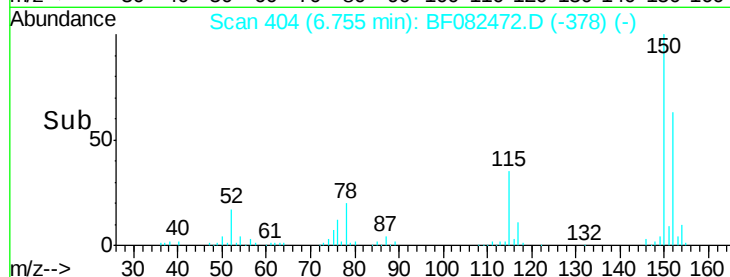
115 55.1 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.79 ng

RT: 2.35 min Scan# 19

Delta R.T. 0.09 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

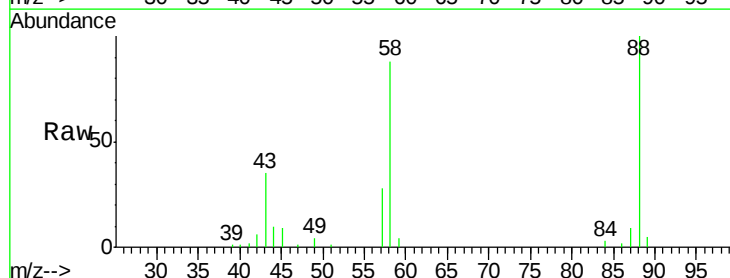
Tgt Ion: 88 Resp: 74044

Ion Ratio Lower Upper

88 100

58 84.1 66.2 99.4

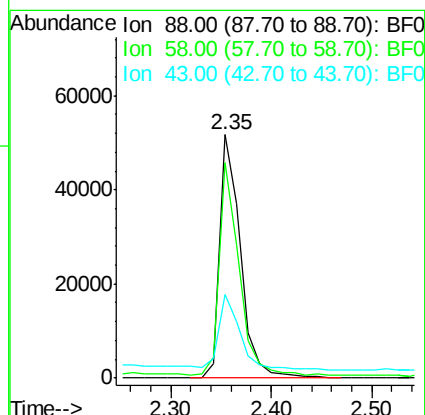
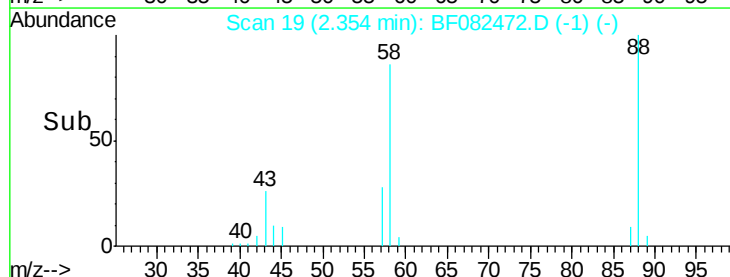
43 34.6 23.0 34.4#

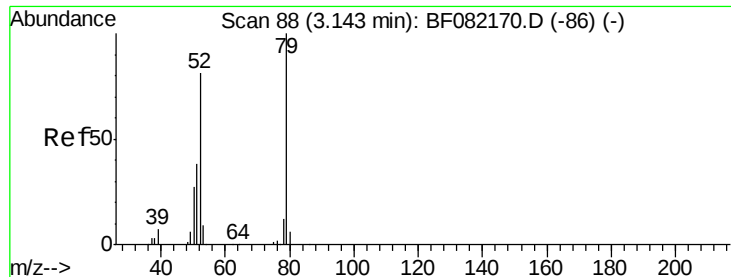


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.76 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

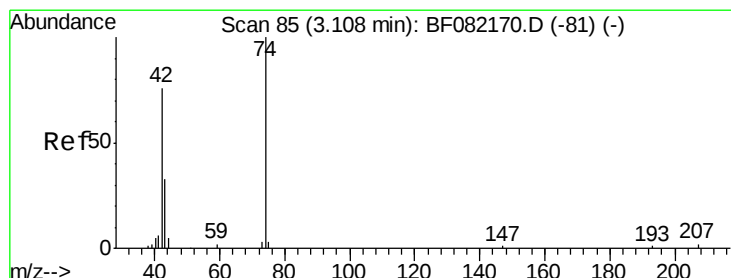
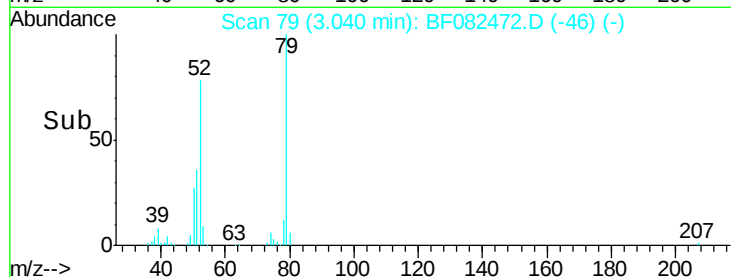
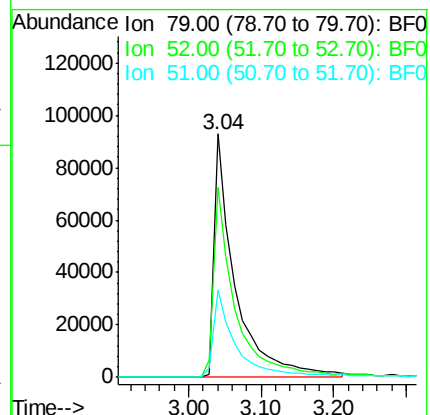
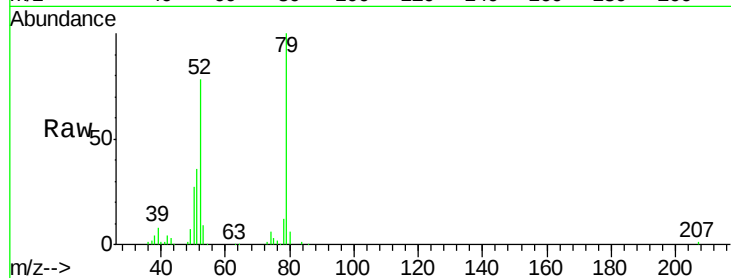
Tot Ion: 79 Resp: 187772

Ion Ratio Lower Upper

79 100

52 77.9 64.4 96.6

51 36.1 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 41.88 ng

RT: 3.01 min Scan# 76

Delta R.T. 0.07 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

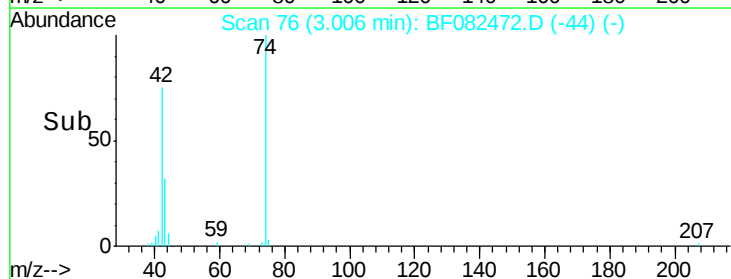
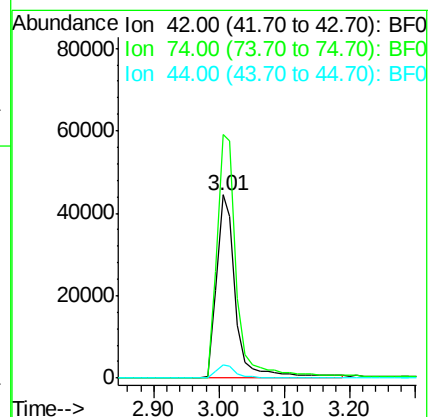
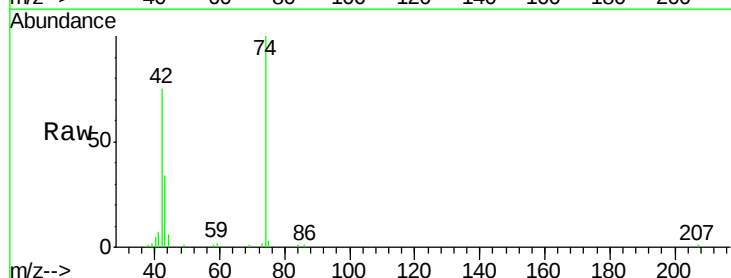
Tgt Ion: 42 Resp: 93272

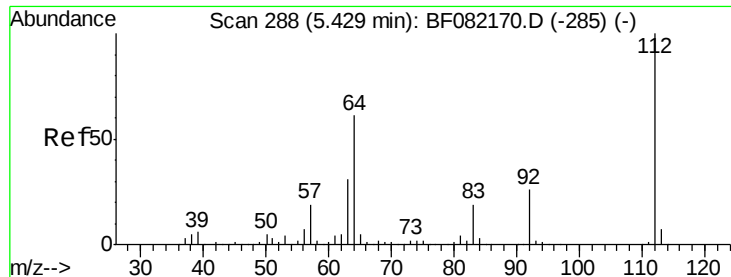
Ion Ratio Lower Upper

42 100

74 132.8 105.7 158.5

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 132.98 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

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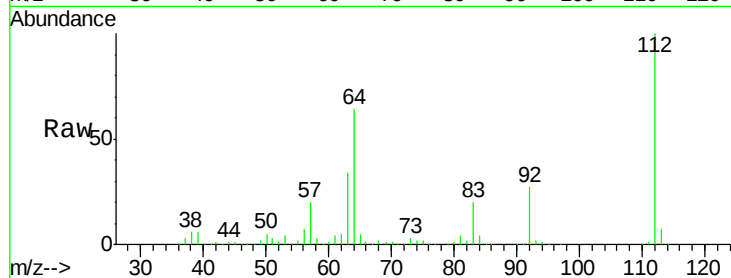
Tot Ion:112 Resp: 597601

Ion Ratio Lower Upper

112 100

64 64.2 48.6 73.0

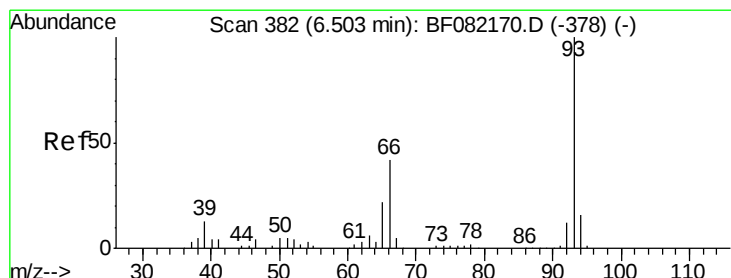
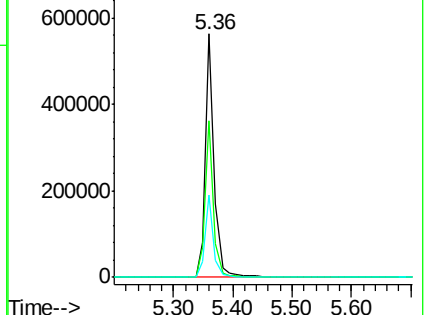
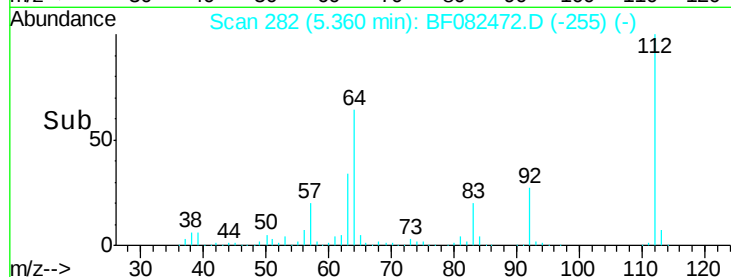
63 34.0 25.1 37.7



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: 25.53 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

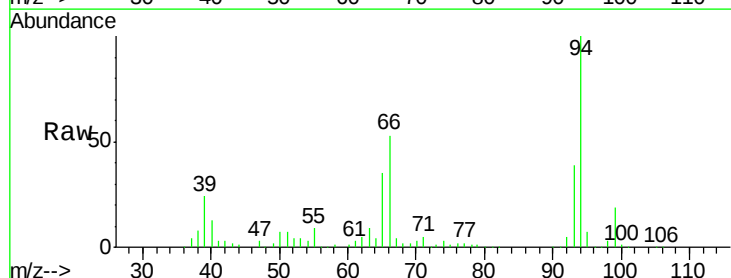
Tgt Ion: 93 Resp: 192459

Ion Ratio Lower Upper

93 100

66 135.7 34.2 51.2#

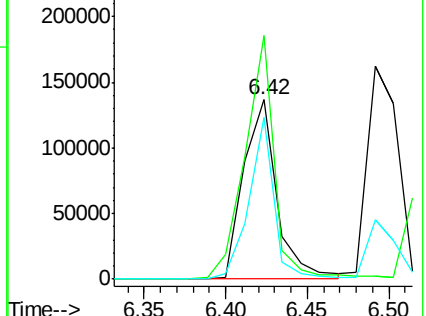
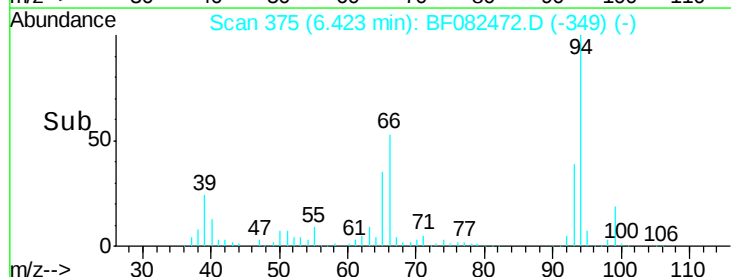
65 90.2 17.9 26.9#

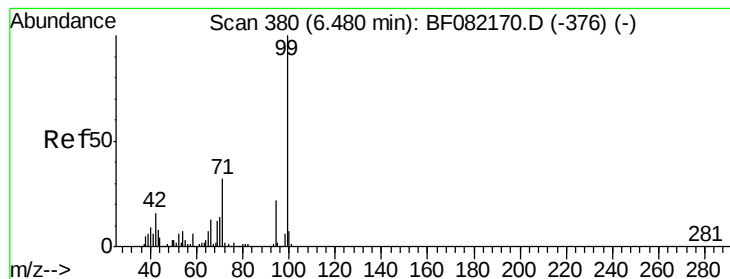


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.45 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082472.D

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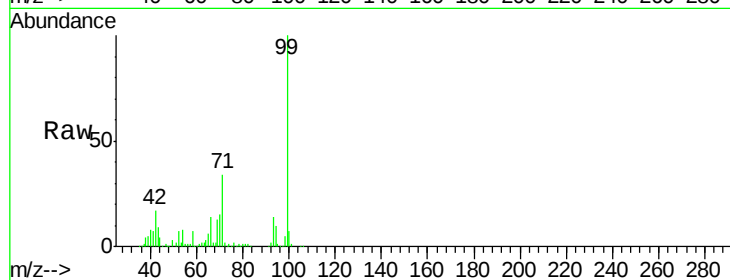
Tot Ion: 99 Resp: 792114

Ion Ratio Lower Upper

99 100

42 17.4 13.2 19.8

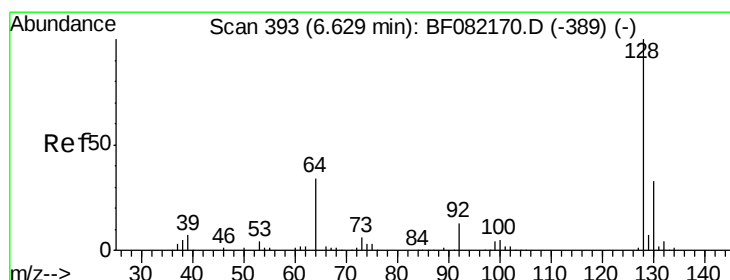
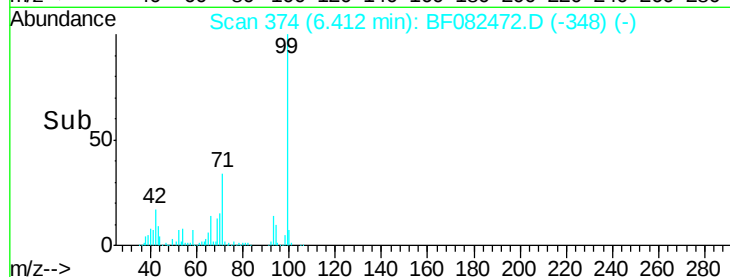
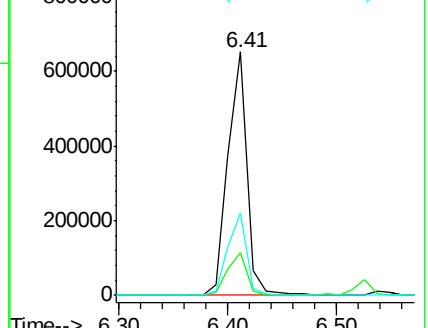
71 33.9 25.6 38.4



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: 42.08 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

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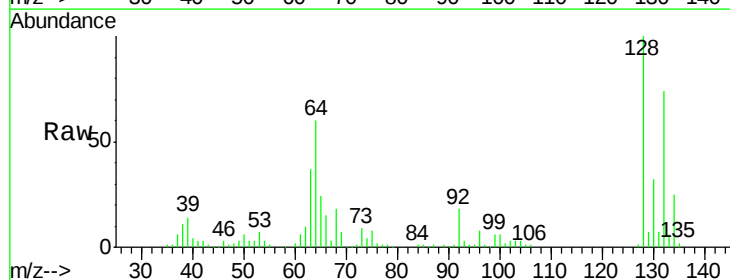
Tgt Ion: 128 Resp: 230839

Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

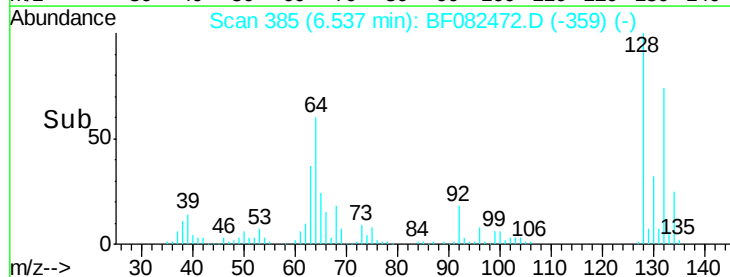
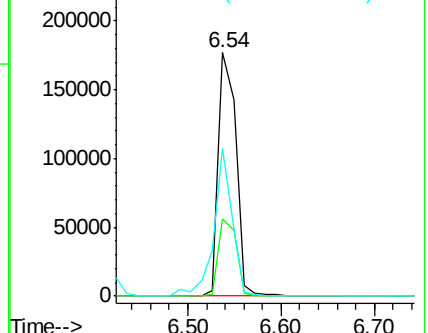
64 60.4 16.7 56.7#



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: 25.82 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

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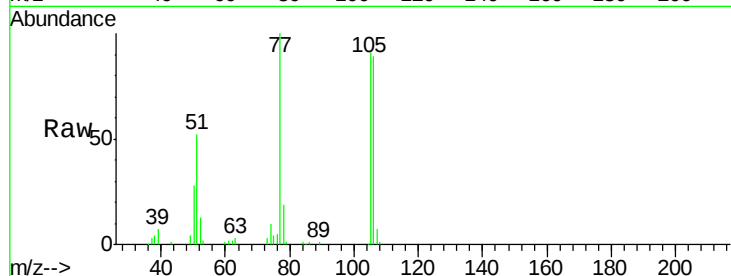
Tot Ion: 77 Resp: 77119

Ion Ratio Lower Upper

77 100

105 91.1 80.6 120.6

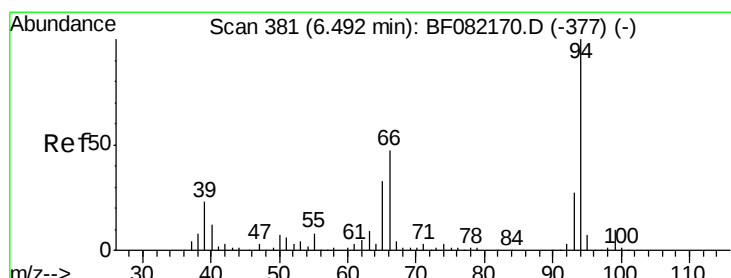
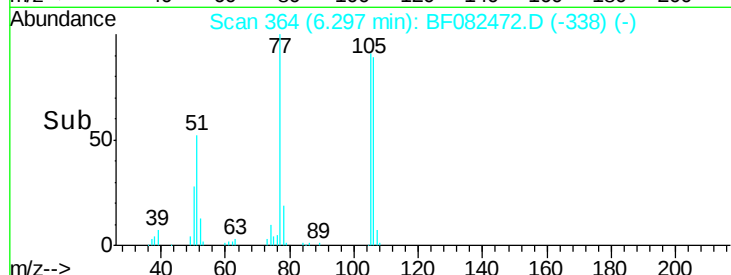
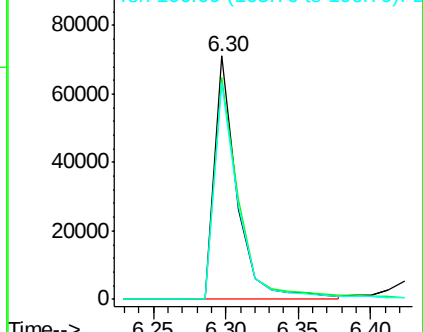
106 89.3 75.5 115.5



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: 47.71 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

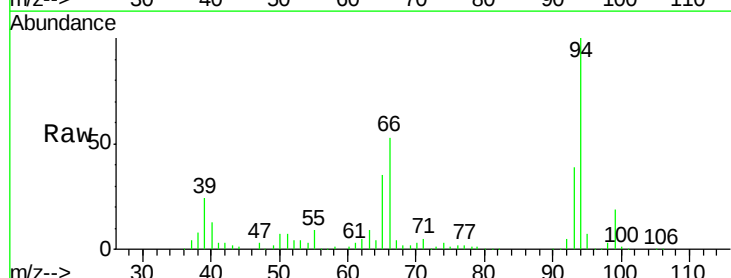
Tgt Ion: 94 Resp: 321660

Ion Ratio Lower Upper

94 100

65 34.9 12.6 52.6

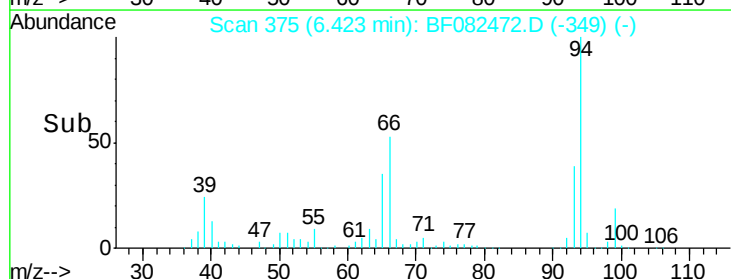
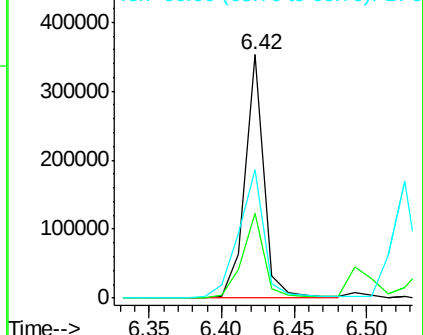
66 52.6 27.3 67.3



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: 39.08 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

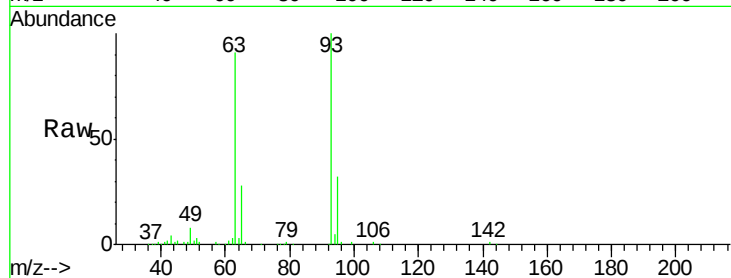
Tot Ion: 93 Resp: 222845

Ion Ratio Lower Upper

93 100

63 91.0 57.1 97.1

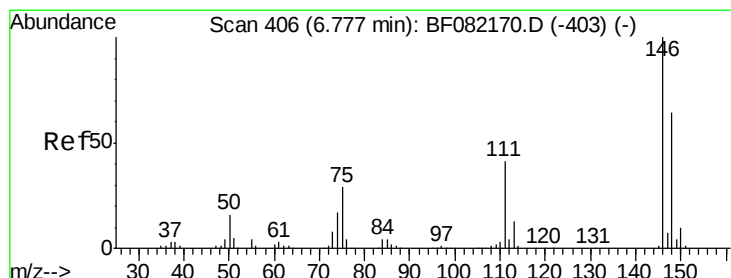
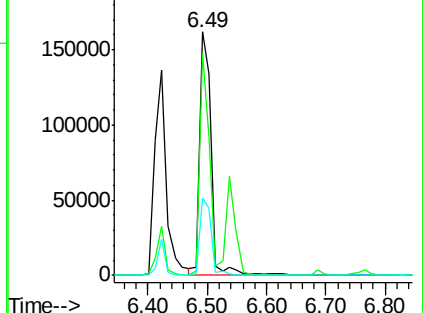
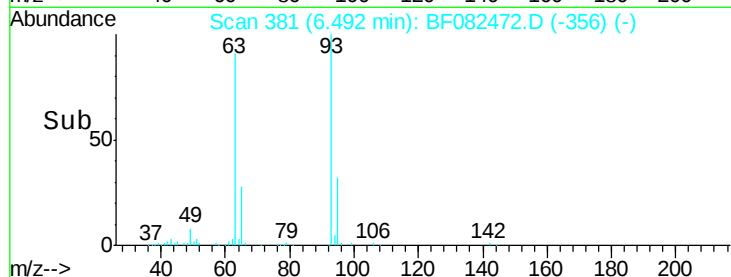
95 31.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.03 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

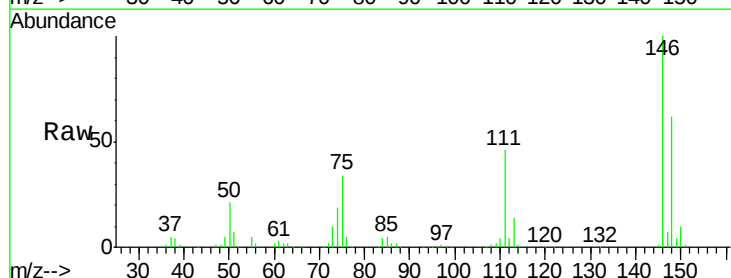
Tgt Ion: 146 Resp: 255729

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.2

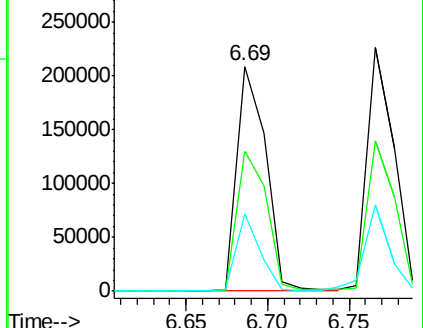
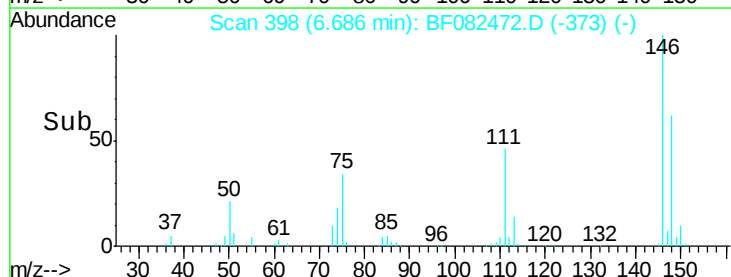
75 34.4 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

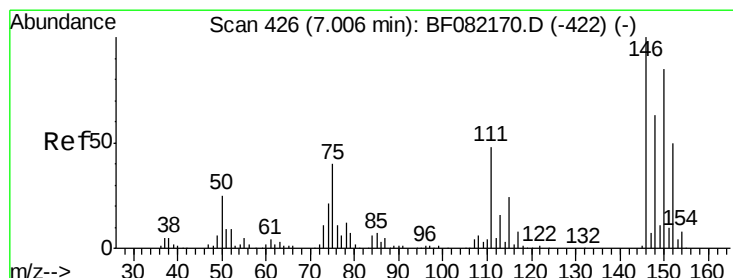
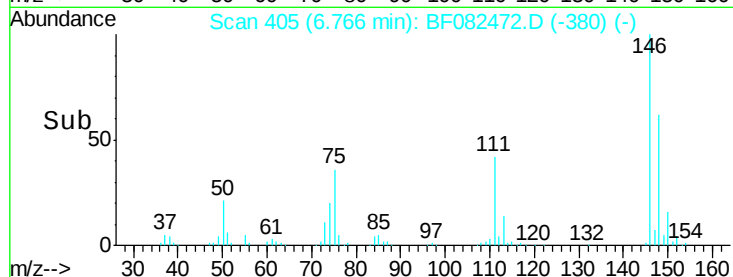
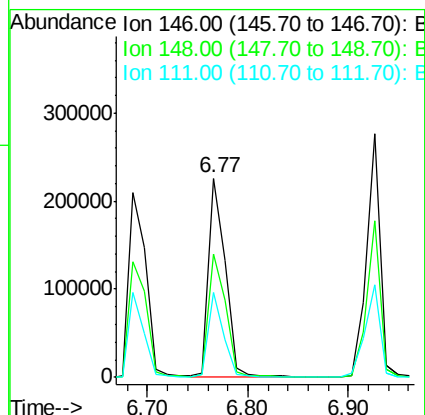
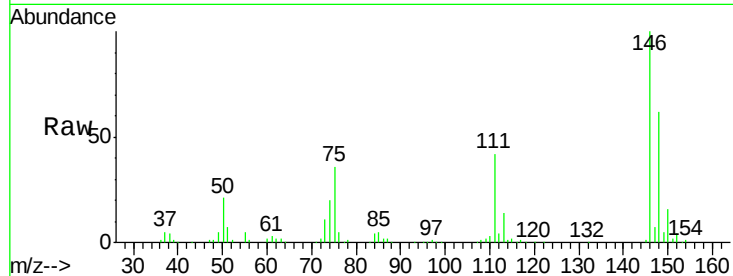




#13
 1,4-Dichlorobenzene
 Concen: 39.63 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

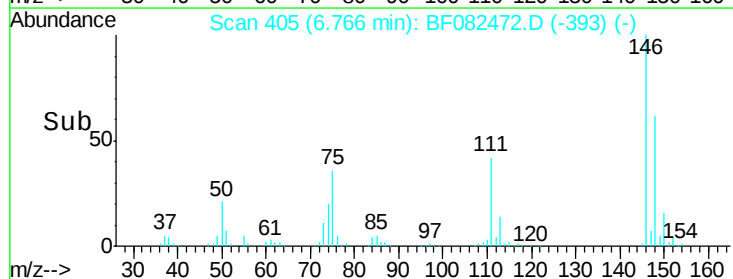
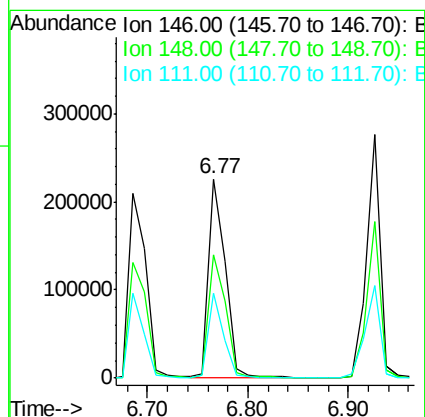
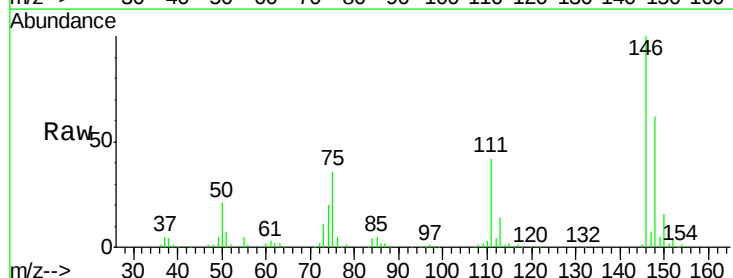
Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion:146 Resp: 264424
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.0 76.4
 111 42.4 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 41.97 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.16 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:146 Resp: 265878
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.5 75.7
 111 42.4 38.5 57.7





#15

Benzyl Alcohol

Concen: 46.55 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampled :

PB86220BS

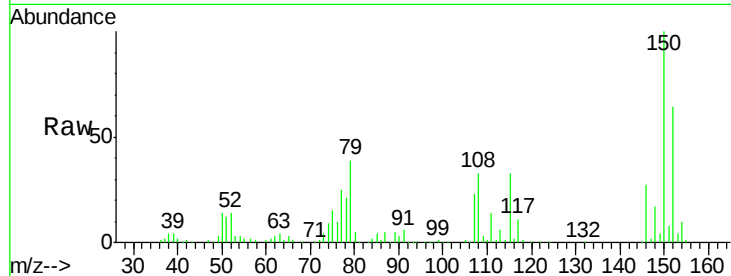
Tot Ion: 79 Resp: 187906

Ion Ratio Lower Upper

79 100

108 84.5 58.4 87.6

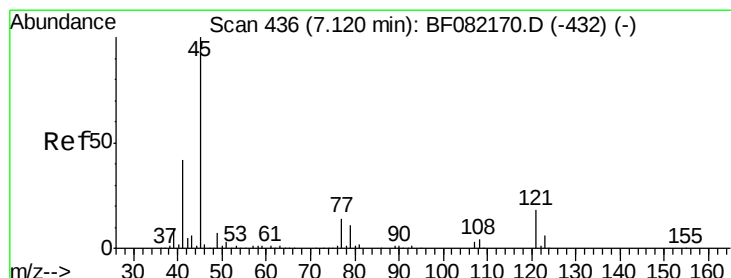
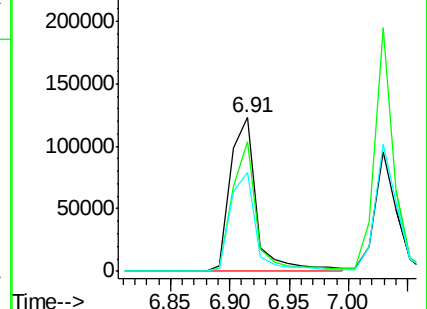
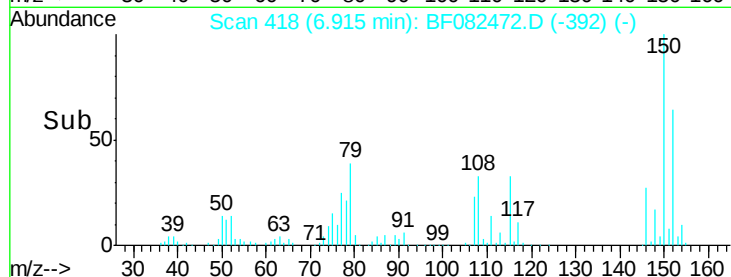
77 64.1 49.8 74.6



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: 39.90 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

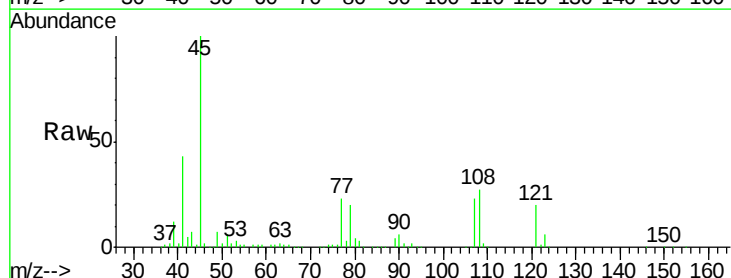
Tgt Ion: 45 Resp: 316786

Ion Ratio Lower Upper

45 100

77 22.9 0.0 34.5

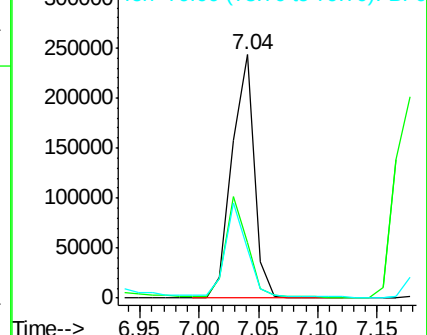
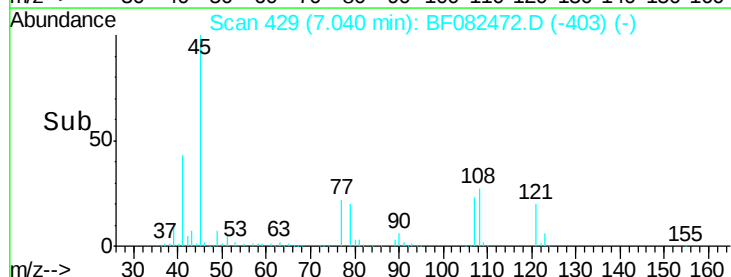
79 20.2 0.0 31.6

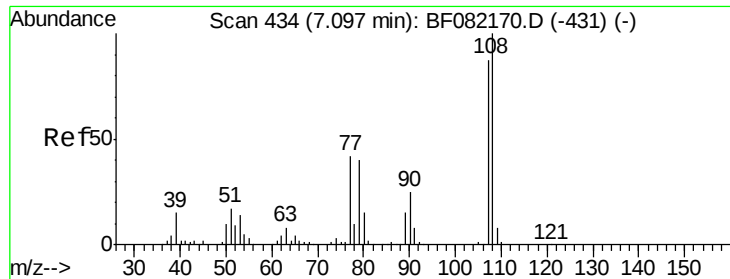


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

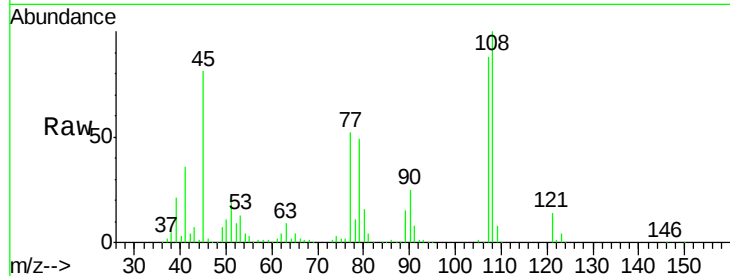




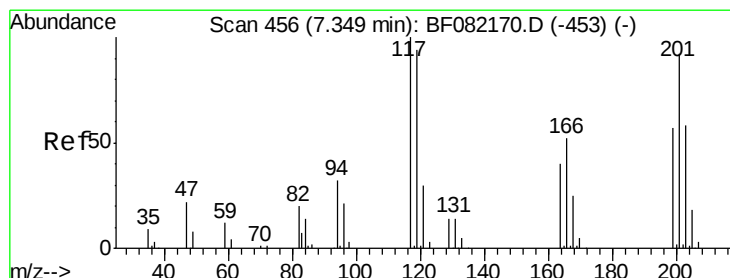
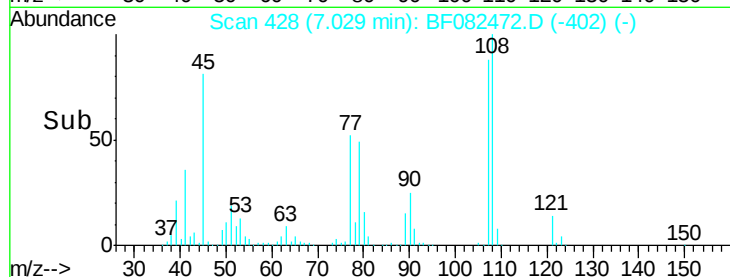
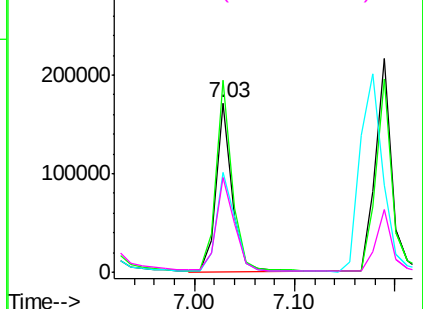
#17
2-Methylphenol
Concen: 43.85 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:	107	Resp:	190233
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.2	138.2
77	58.8	39.6	59.4
79	55.5	38.2	57.4

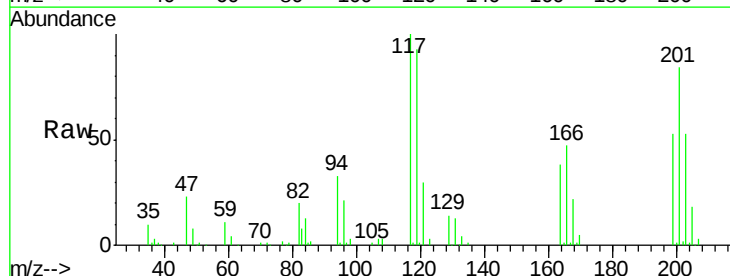


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

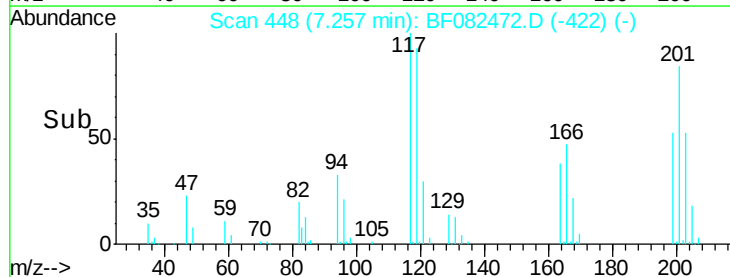
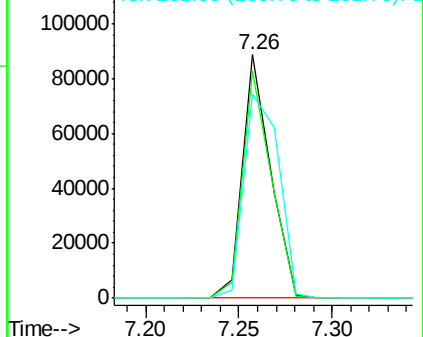


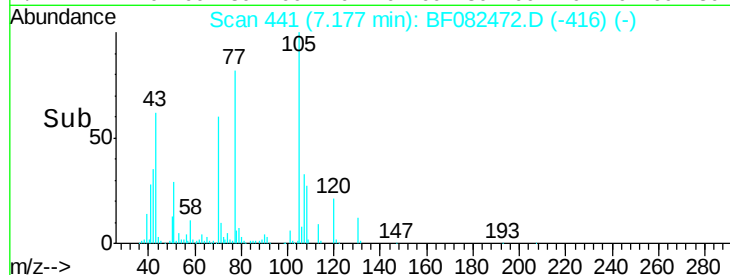
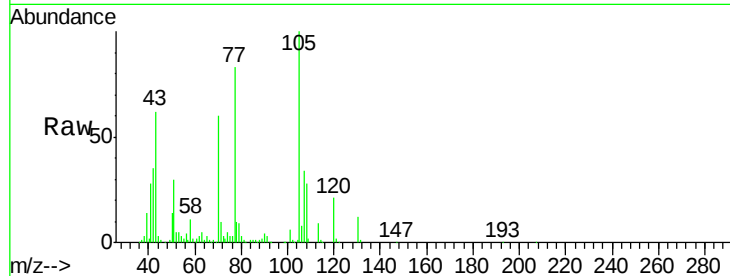
#18
Hexachloroethane
Concen: 40.41 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:	117	Resp:	92288
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.4	113.2
201	83.7	73.4	110.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

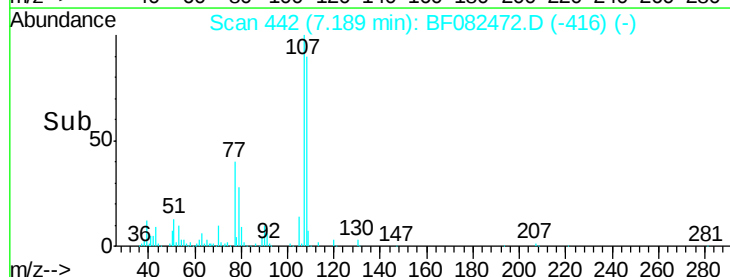
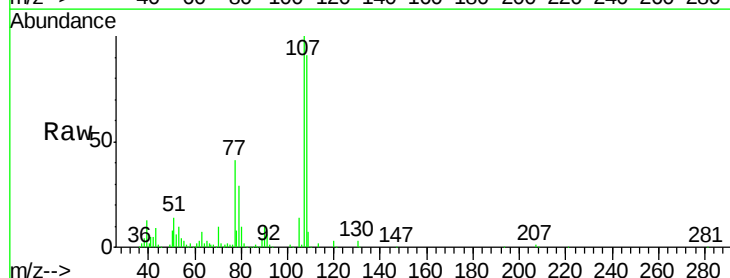
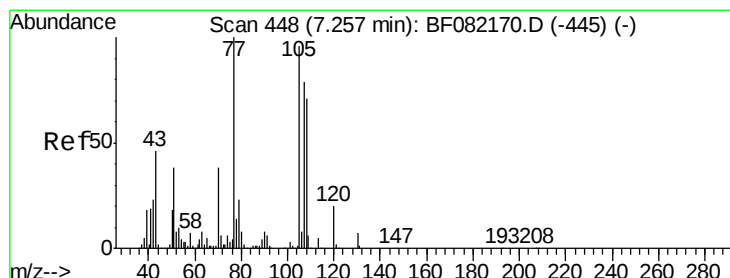
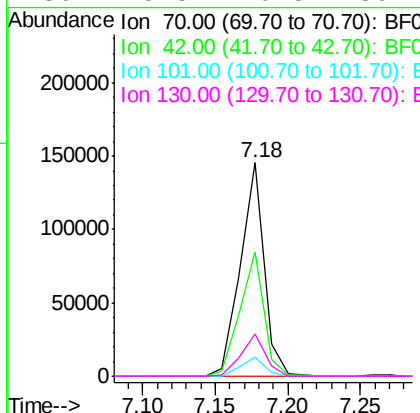




#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

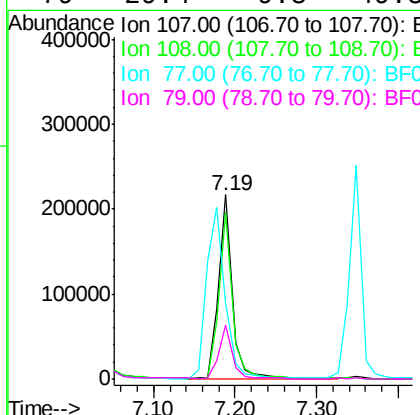
Instrument :
BNA_F
ClientSampleId :
PB86220BS

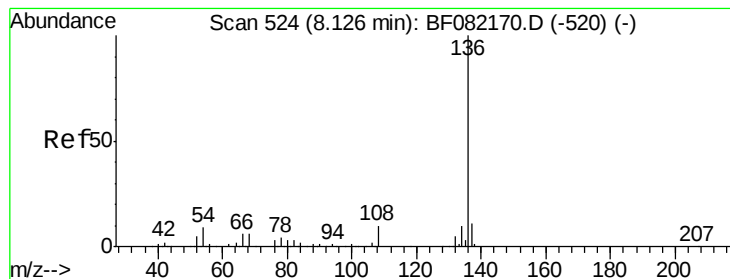
Tot Ion:	70	Resp:	165505
Ion	Ratio	Lower	Upper
70	100		
42	58.4	39.8	59.8
101	9.2	8.6	13.0
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 48.49 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:	107	Resp:	250694
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	41.1	106.0	146.0#
79	29.4	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: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

Tot Ion:136 Resp: 367033

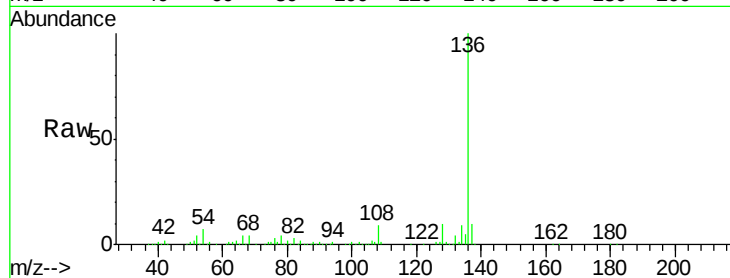
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.8 7.5 11.3#

68 4.4 4.6 7.0#

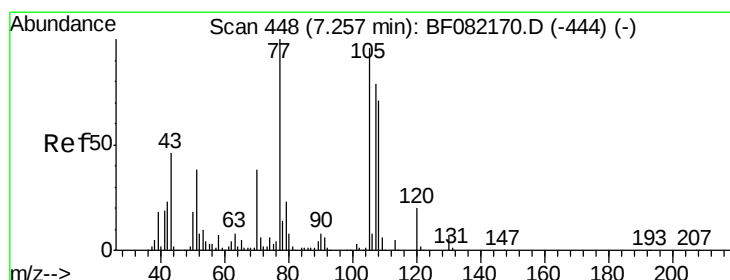
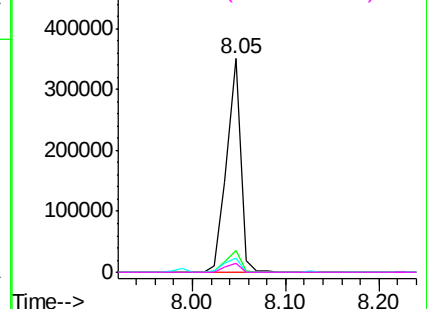
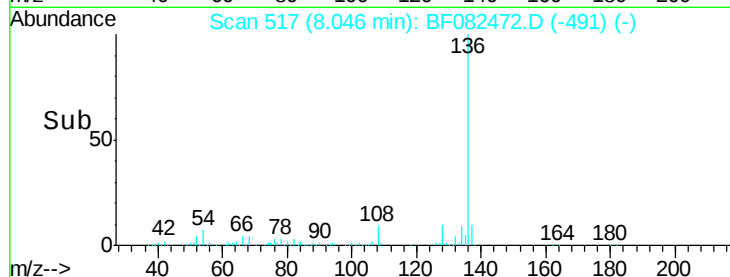


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.96 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:105 Resp: 326465

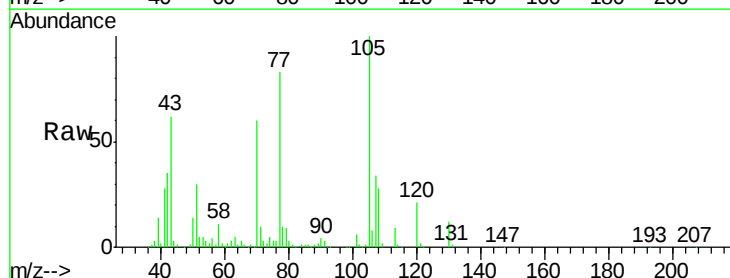
Ion Ratio Lower Upper

105 100

71 9.9 5.4 8.0#

51 29.6 31.8 47.6#

120 21.1 16.3 24.5

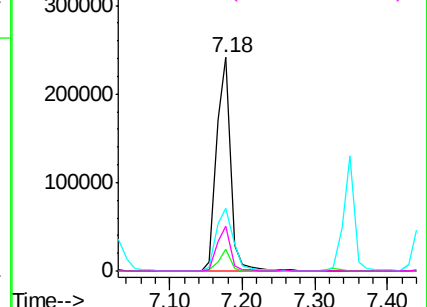
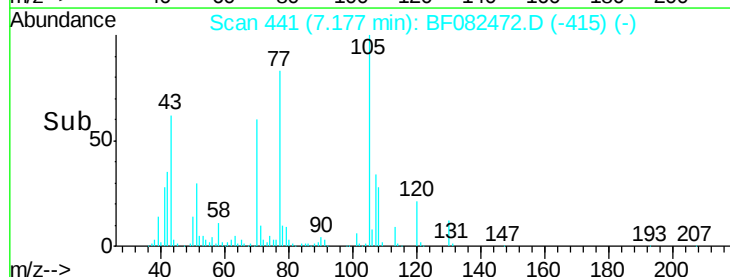


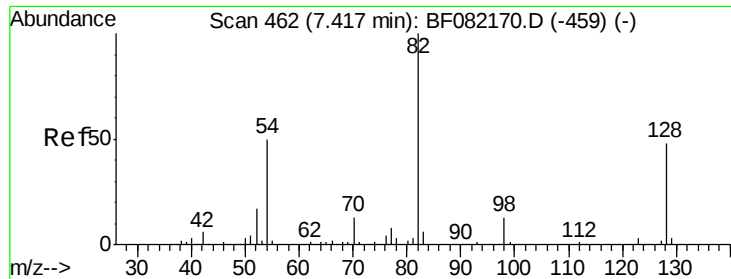
Abundance Ion 105.00 (104.70 to 105.70): E

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

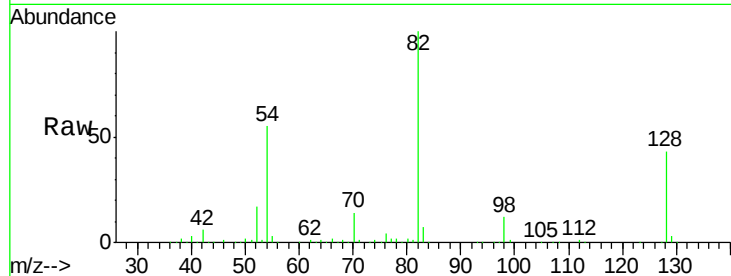




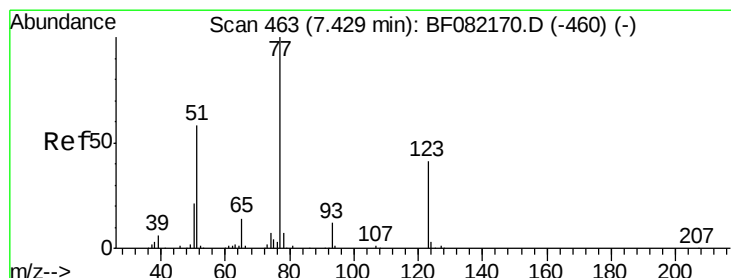
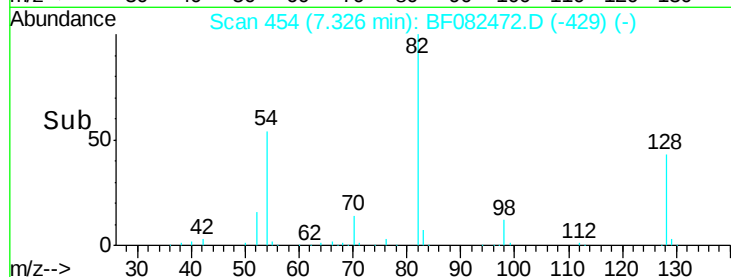
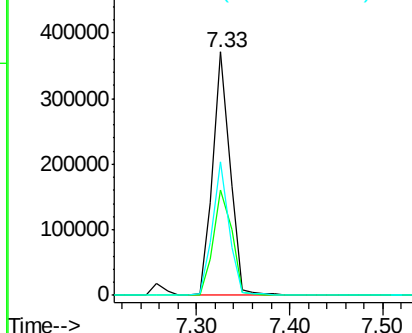
#23
 Nitrobenzene-d5
 Concen: 88.55 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion: 82 Resp: 483993
 Ion Ratio Lower Upper
 82 100
 128 43.2 38.7 58.1
 54 54.8 40.1 60.1

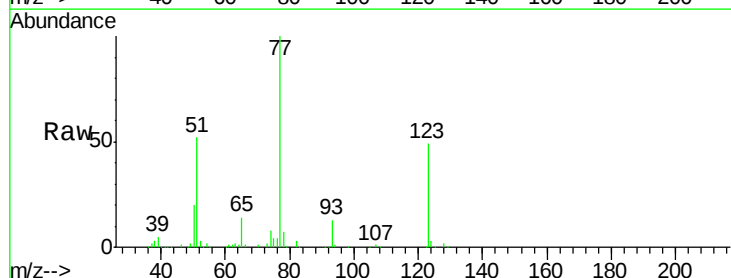


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

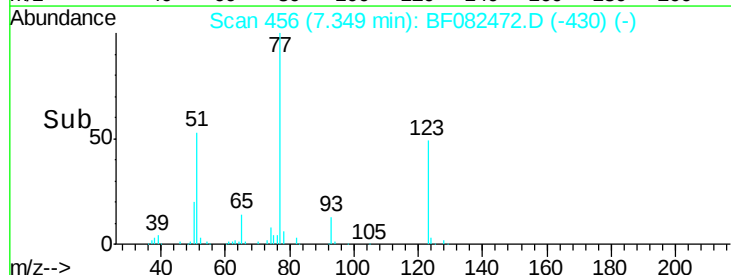
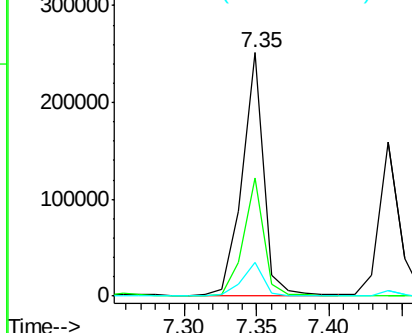


#24
 Nitrobenzene
 Concen: 43.43 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion: 77 Resp: 256944
 Ion Ratio Lower Upper
 77 100
 123 48.6 33.0 49.4
 65 13.7 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: 42.17 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

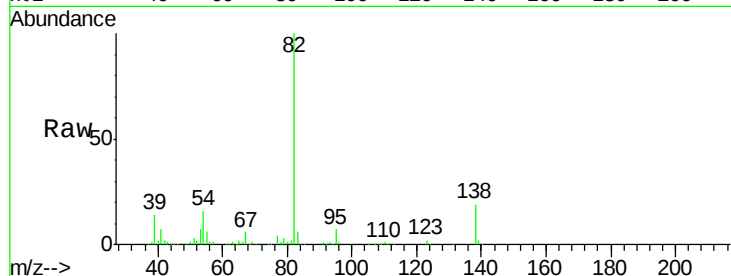
Tot Ion: 82 Resp: 465122

Ion Ratio Lower Upper

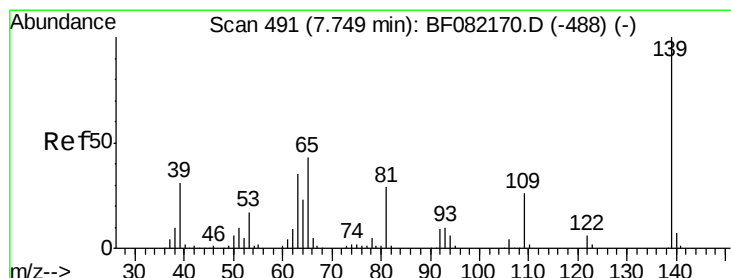
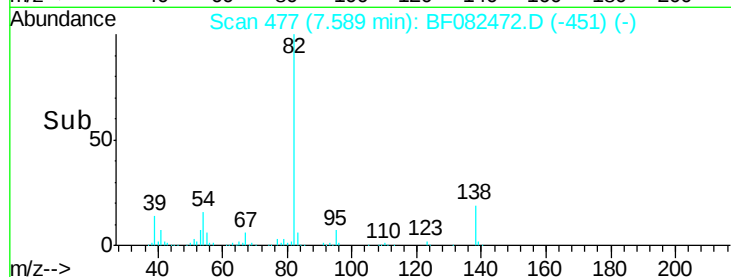
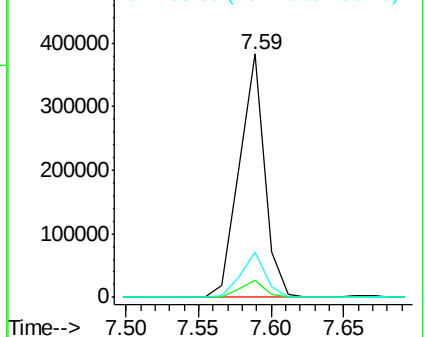
82 100

95 6.9 5.6 8.4

138 18.6 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: 45.07 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

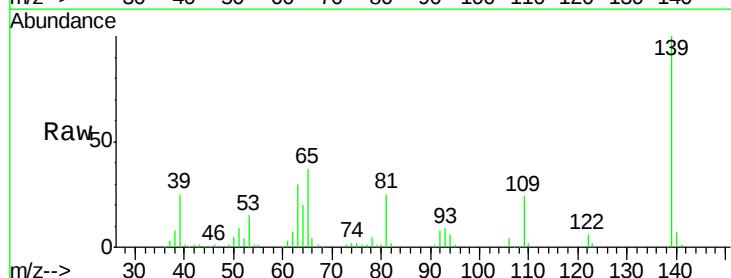
Tgt Ion: 139 Resp: 133134

Ion Ratio Lower Upper

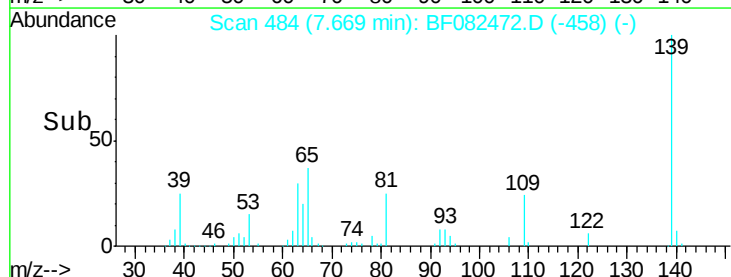
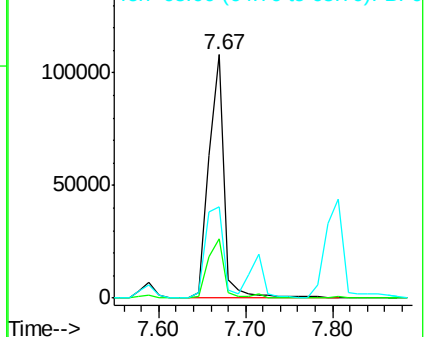
139 100

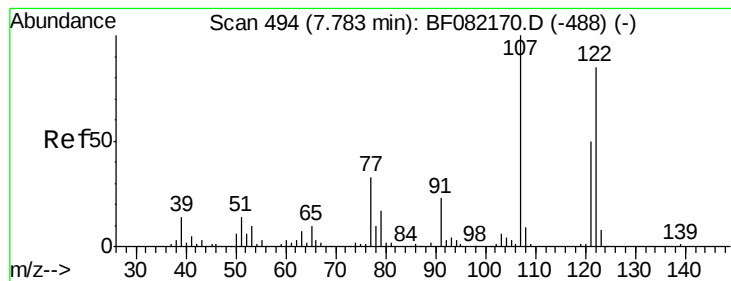
109 24.1 20.6 31.0

65 37.4 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

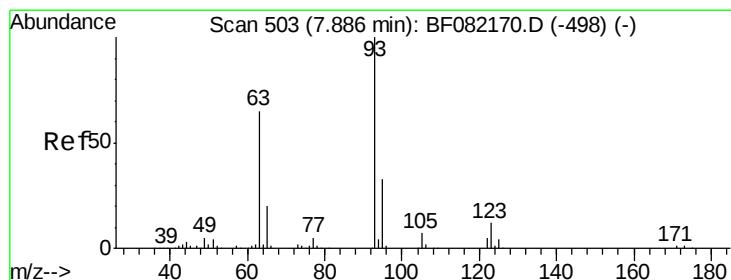
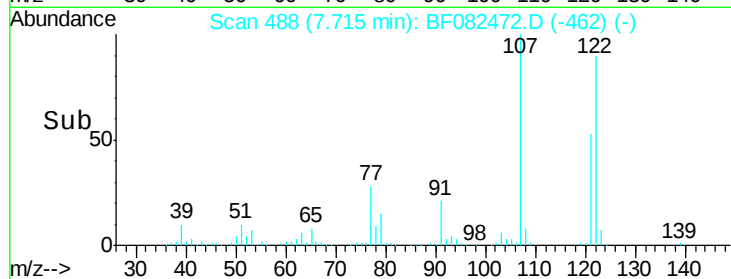
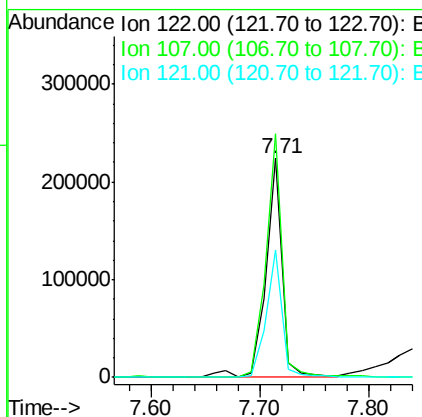
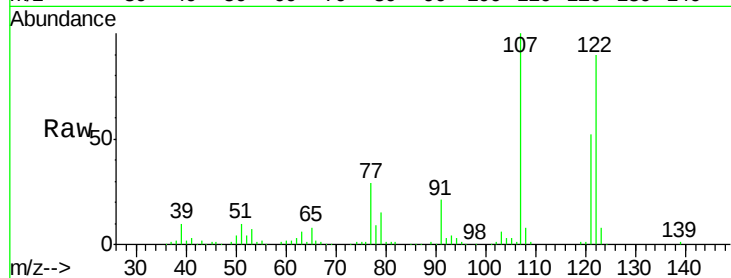




#27
 2,4-Dimethylphenol
 Concen: 49.87 ng
 RT: 7.71 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

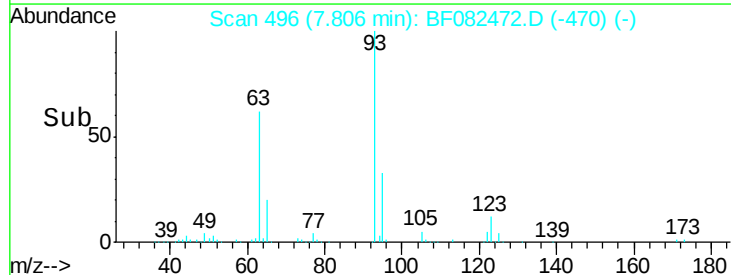
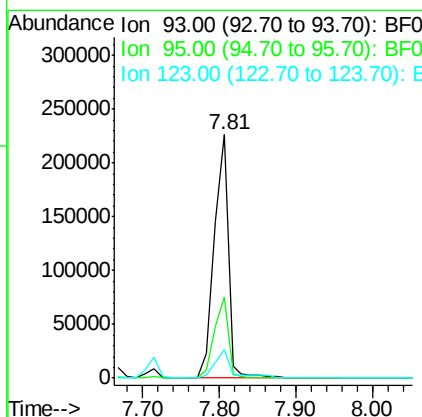
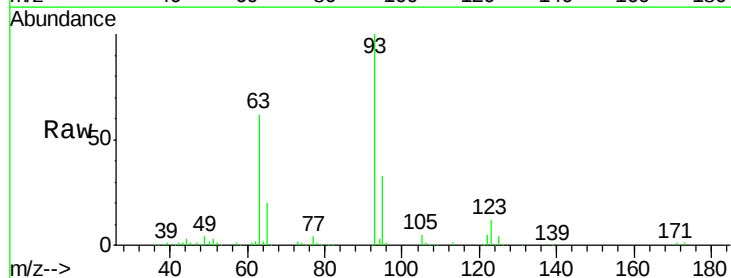
Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

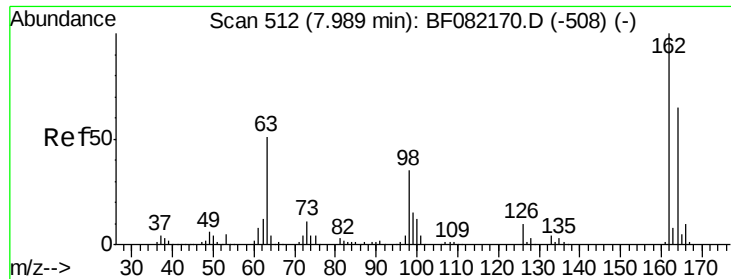
Tot Ion:122 Resp: 237359
 Ion Ratio Lower Upper
 122 100
 107 111.1 94.0 141.0
 121 58.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.22 ng
 RT: 7.81 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion: 93 Resp: 290227
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 39.8
 123 11.8 9.5 14.3

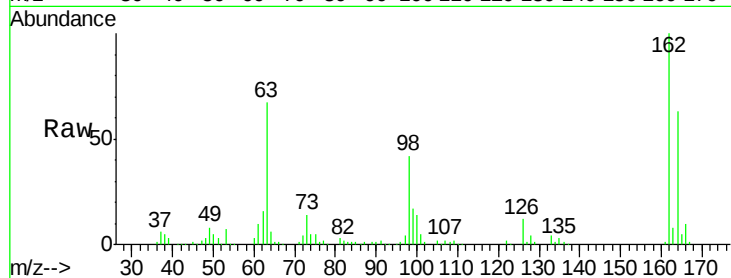




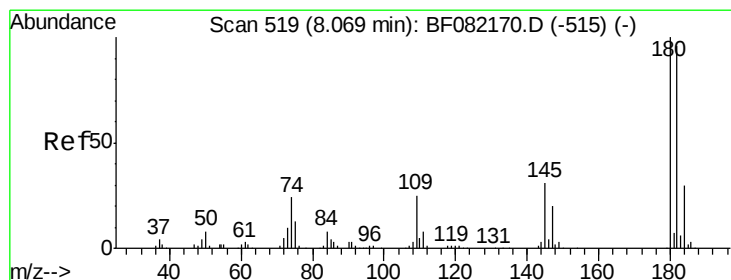
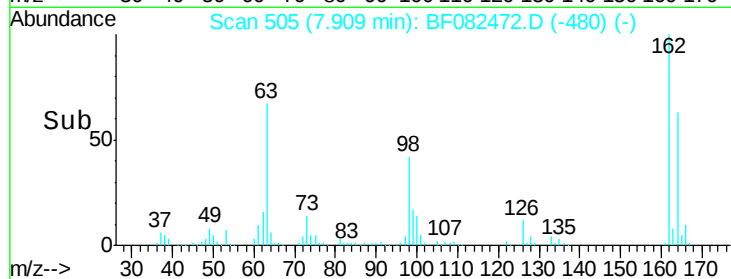
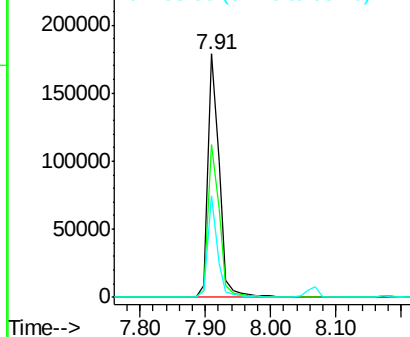
#29
 2,4-Dichlorophenol
 Concen: 45.69 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	41.6	15.0	55.0

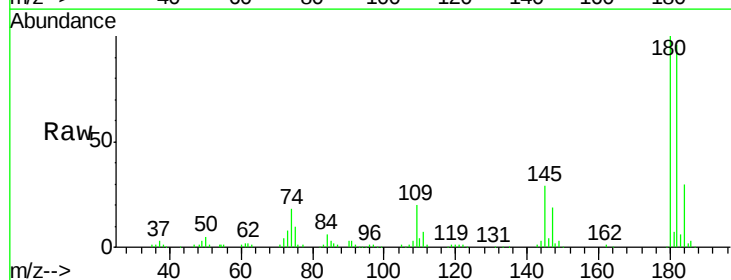


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

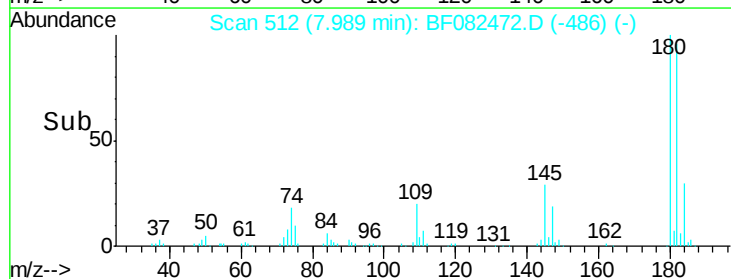
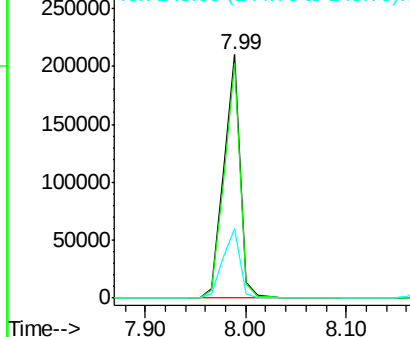


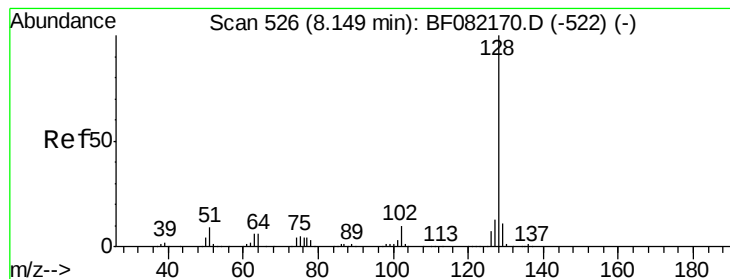
#30
 1,2,4-Trichlorobenzene
 Concen: 42.76 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	28.5	25.0	37.4



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





#31

Naphthalene

Concen: 43.57 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

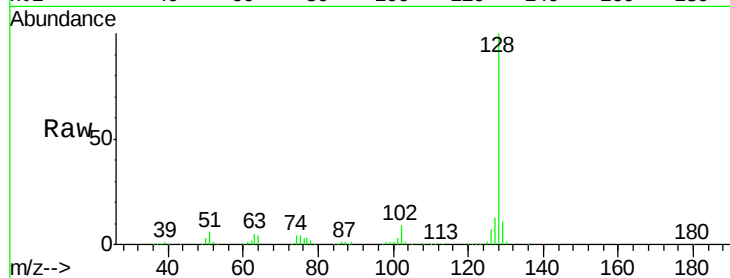
Tot Ion:128 Resp: 693273

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

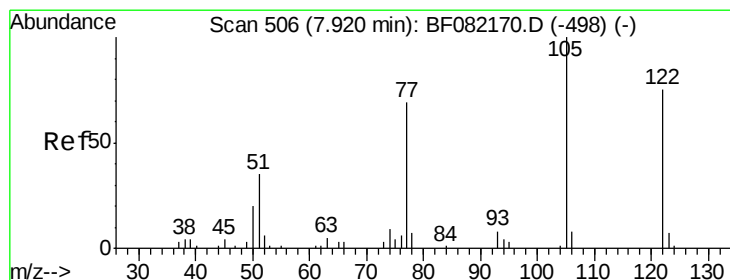
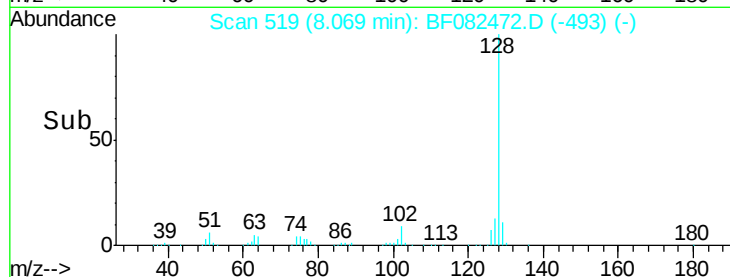
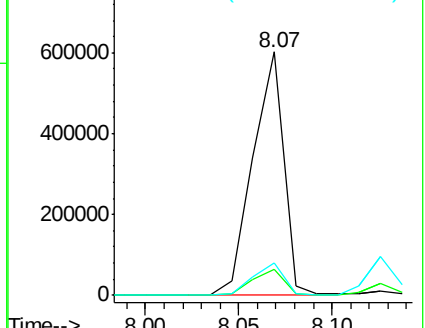
127 13.4 10.7 16.1



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: 39.94 ng

RT: 7.86 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

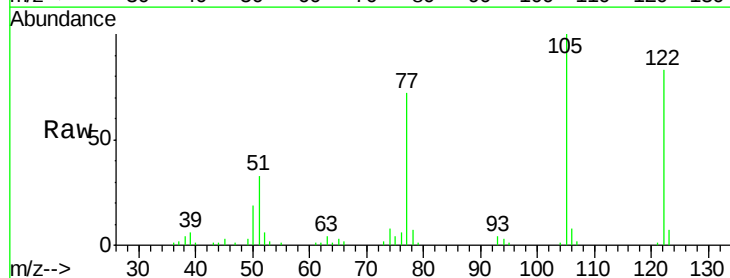
Tgt Ion:122 Resp: 127558

Ion Ratio Lower Upper

122 100

105 120.9 104.4 144.4

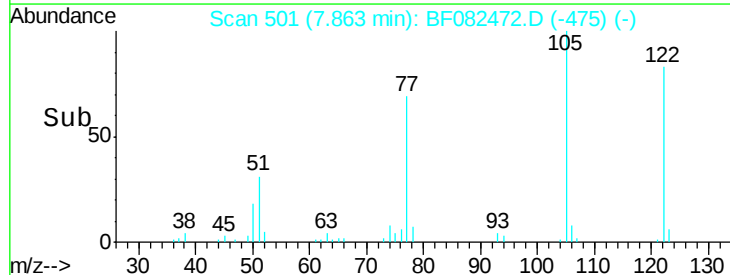
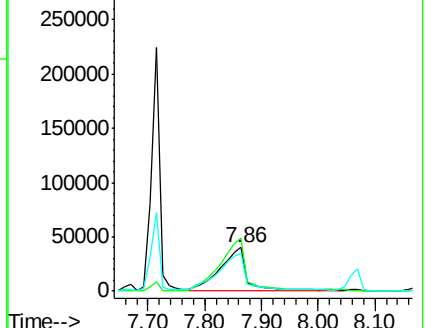
77 87.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

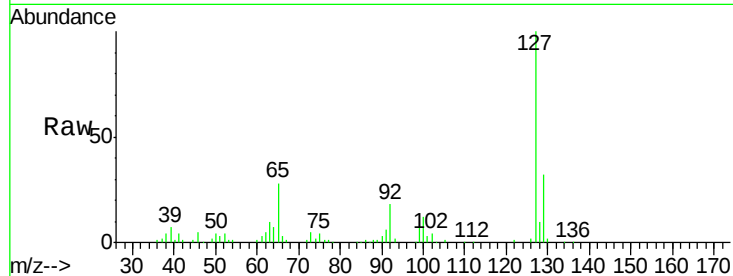




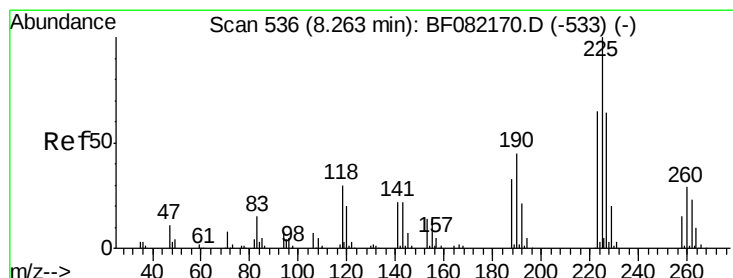
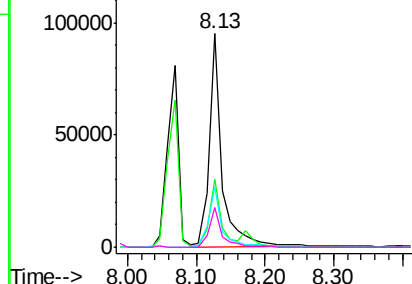
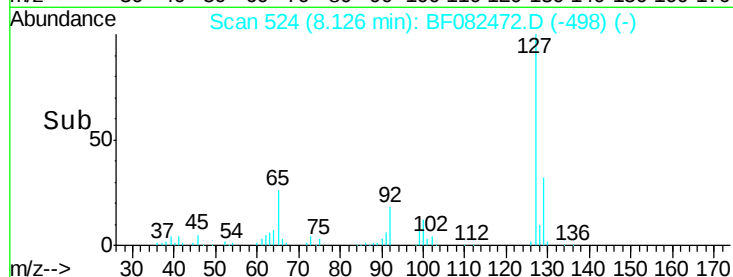
#33
4-Chloroaniline
Concen: 18.53 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:	127	Resp:	122469
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	28.1	24.4	36.6
92	18.4	15.7	23.5

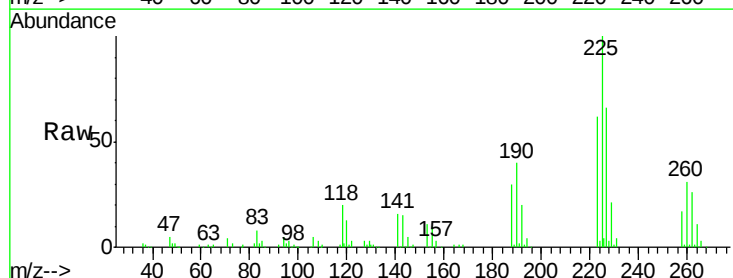


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

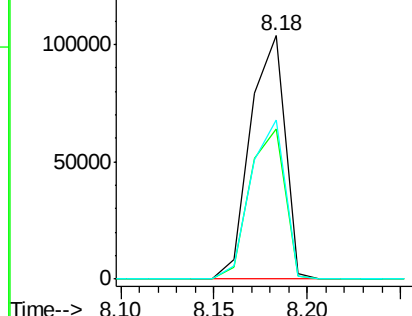
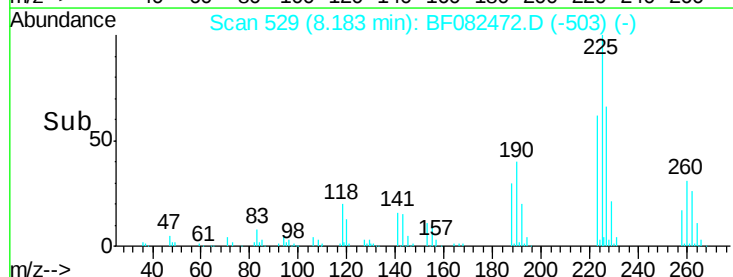


#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:	225	Resp:	132707
Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.2	78.2
227	65.6	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: 34.29 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

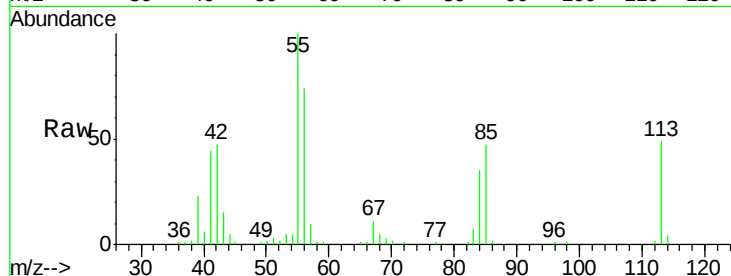
Tot Ion:113 Resp: 47347

Ion Ratio Lower Upper

113 100

55 204.1 149.7 189.7#

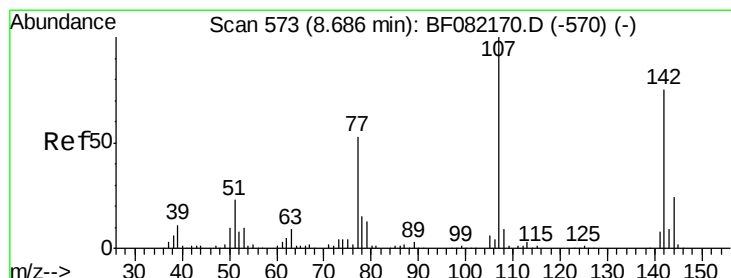
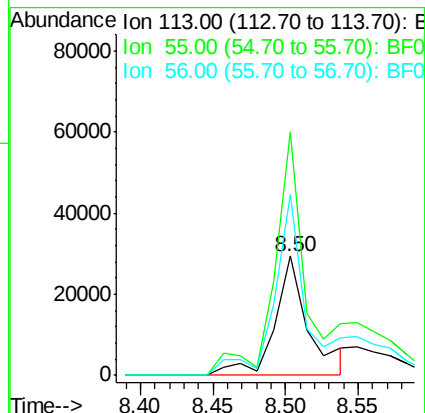
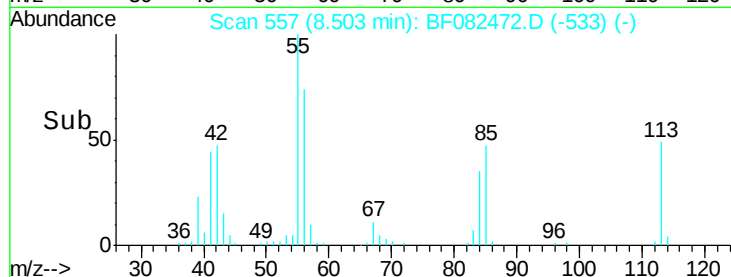
56 151.8 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.83 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

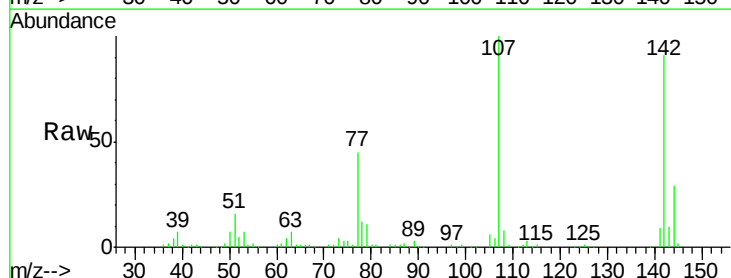
Tgt Ion:107 Resp: 222509

Ion Ratio Lower Upper

107 100

144 29.0 19.3 28.9#

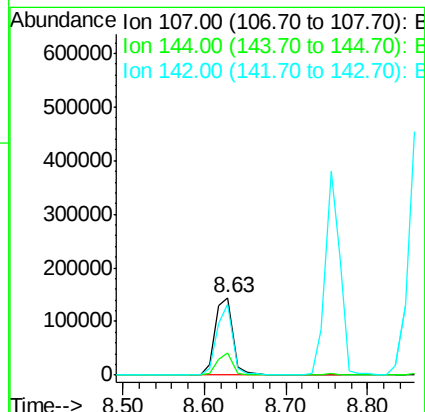
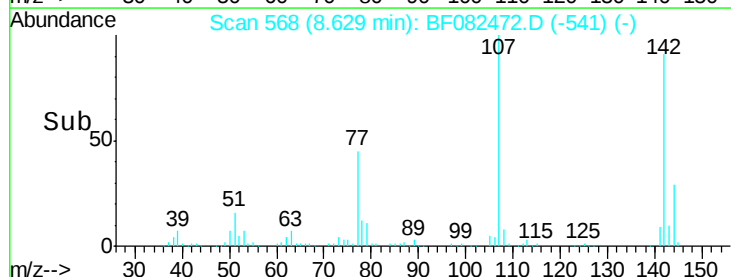
142 91.0 59.9 89.9#

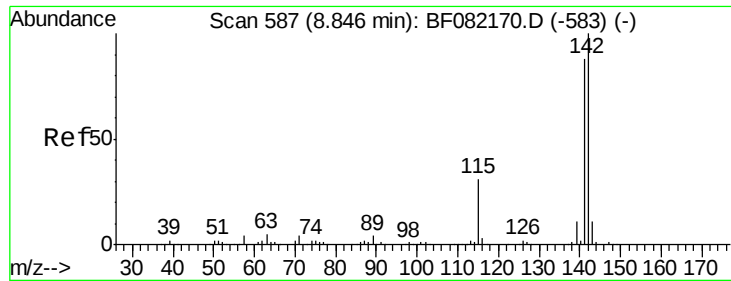


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

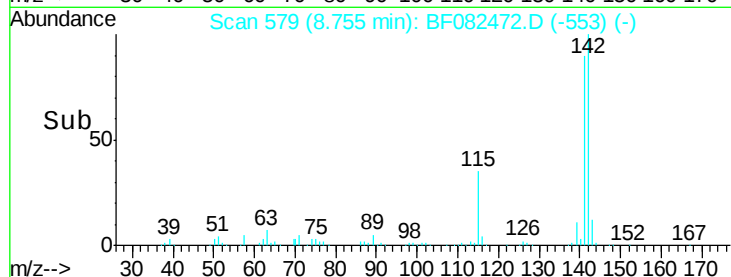
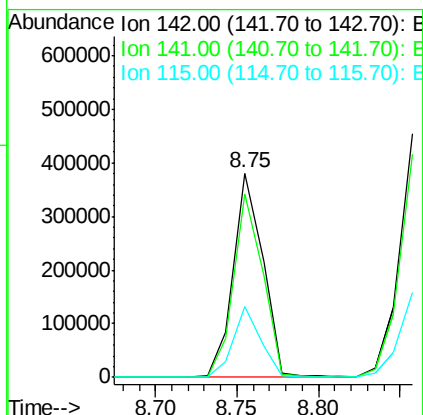
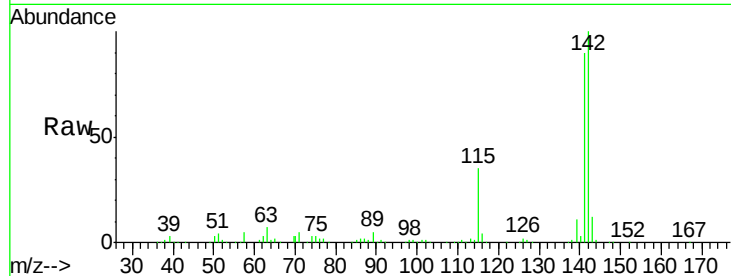




#37
2-Methylnaphthalene
Concen: 43.17 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

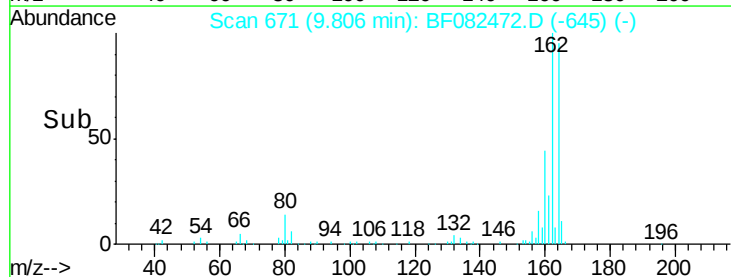
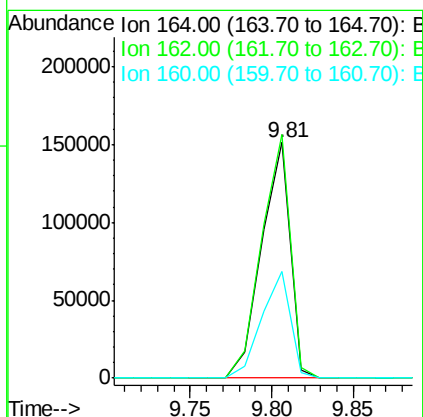
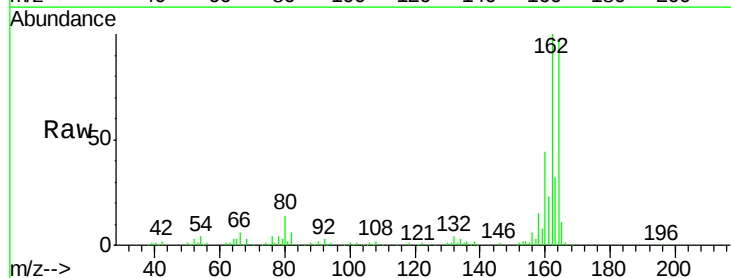
Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:142 Resp: 476185
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 34.8 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: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:164 Resp: 185020
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 45.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.08 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

Tot Ion:216 Resp: 242599

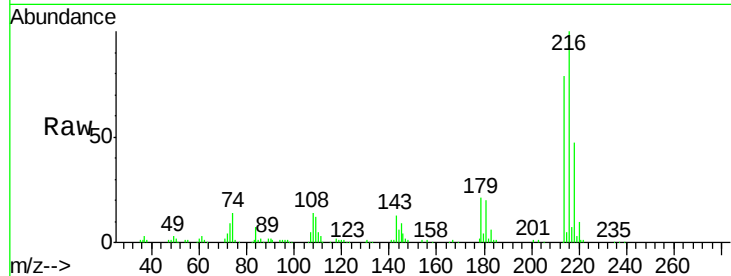
Ion Ratio Lower Upper

216 100

214 79.1 64.6 97.0

179 21.4 17.6 26.4

108 18.1 14.5 21.7

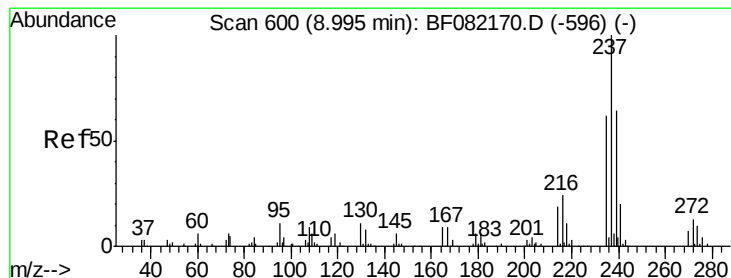
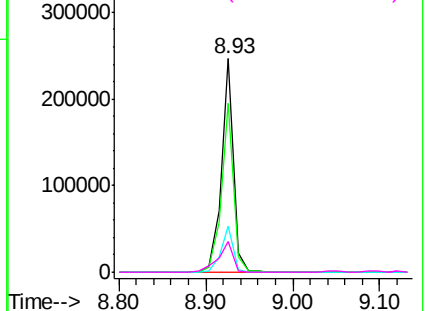
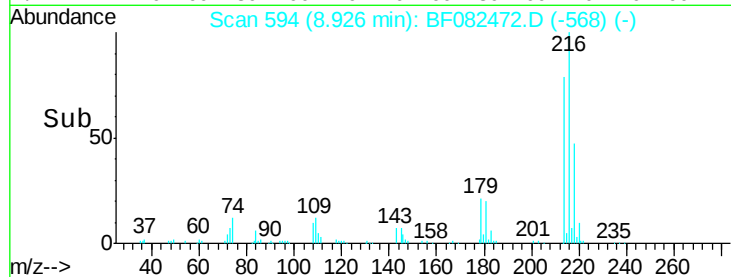


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.90 ng

RT: 8.90 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

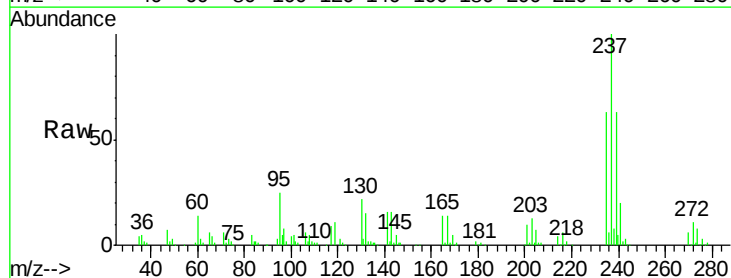
Tgt Ion:237 Resp: 160318

Ion Ratio Lower Upper

237 100

235 62.8 41.7 81.7

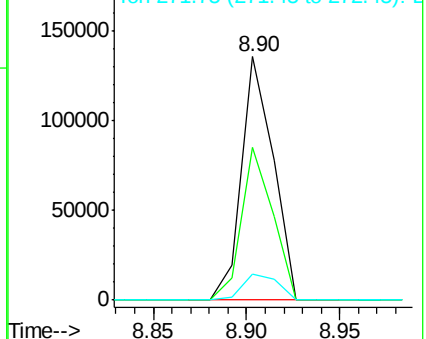
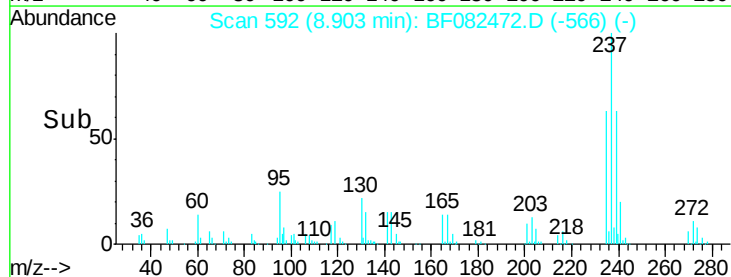
272 10.5 0.0 32.8

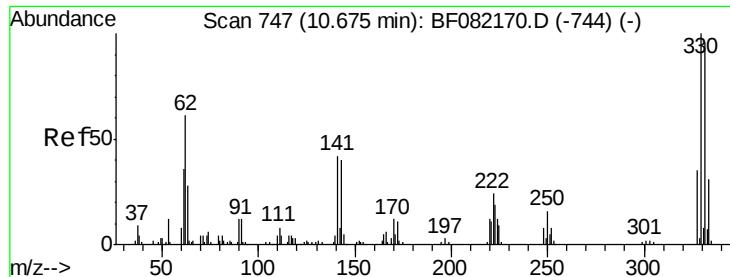


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

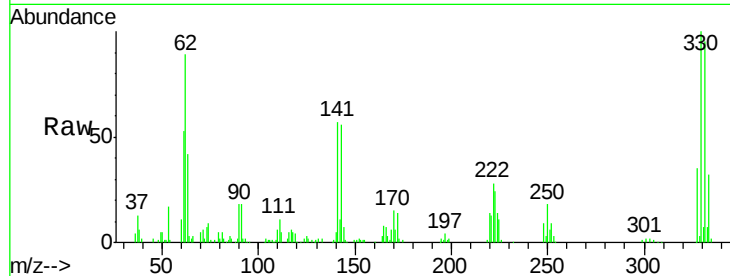




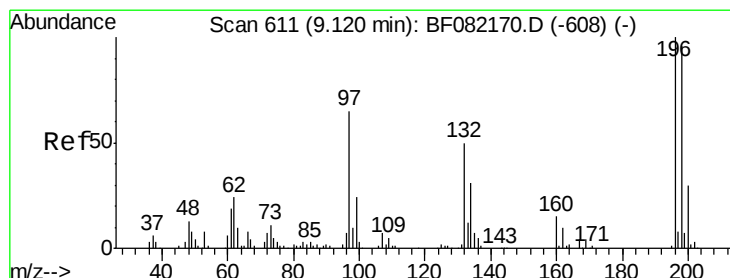
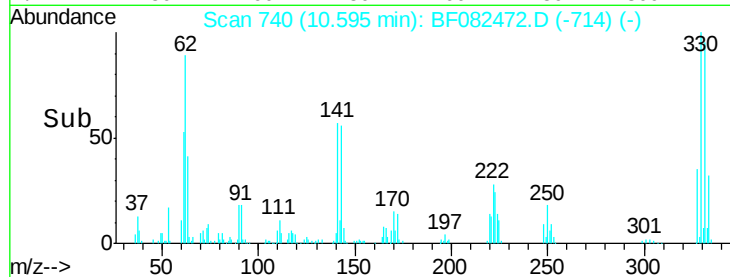
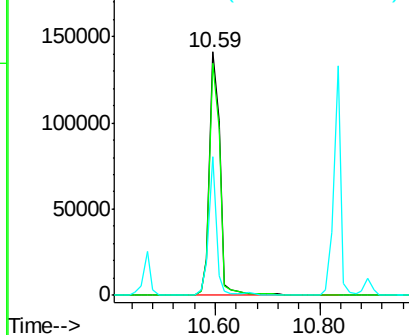
#41
 2,4,6-Tribromophenol
 Concen: 113.98 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion:330 Resp: 197772
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 41.2 29.8 44.8

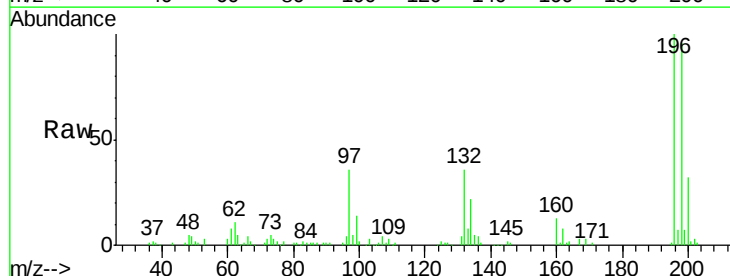


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

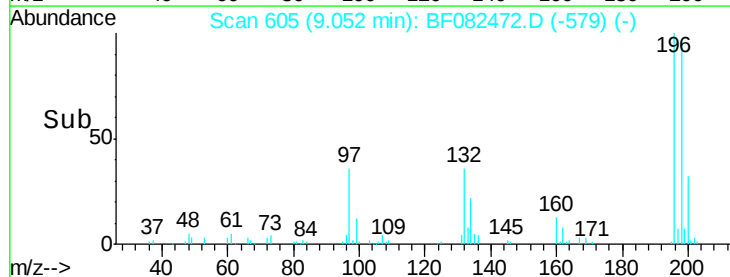
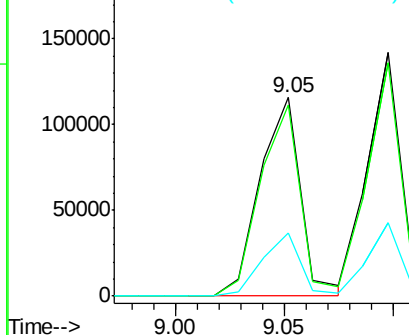


#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:196 Resp: 151239
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 31.5 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

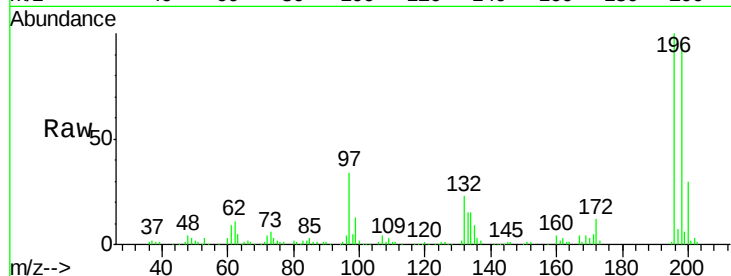




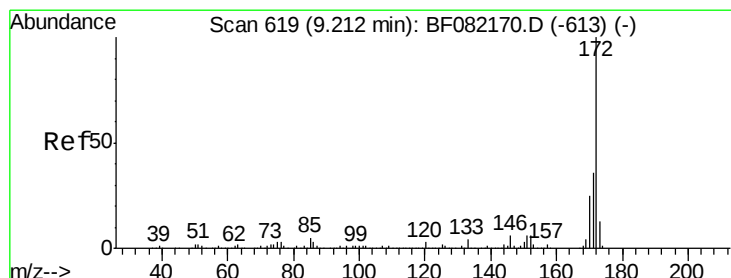
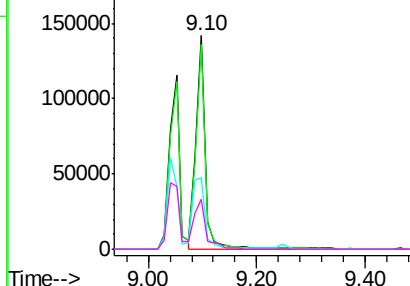
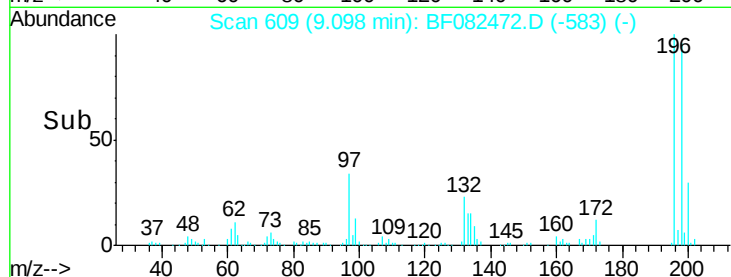
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion:196 Resp: 164564
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.0 115.4
 97 33.6 31.9 47.9
 132 23.4 20.3 30.5

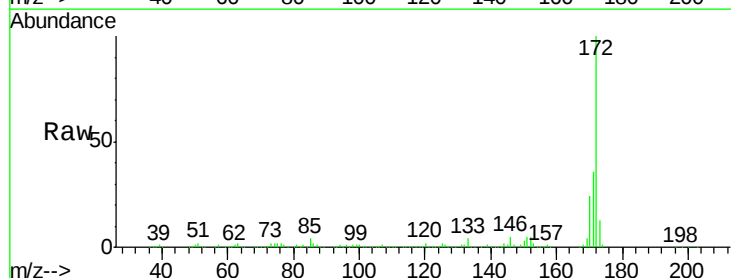


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

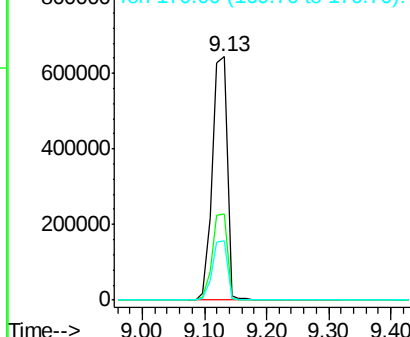
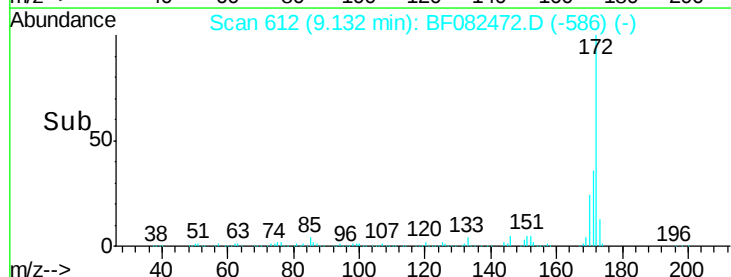


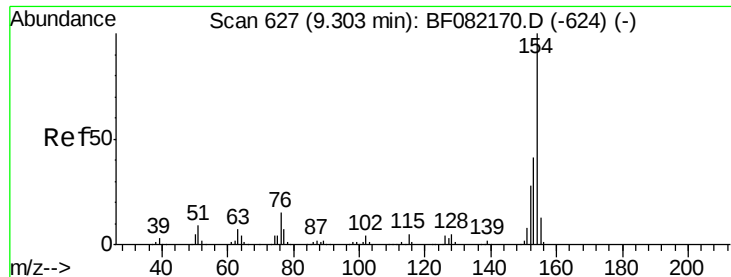
#44
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:172 Resp: 1054216
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.1 19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 40.56 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

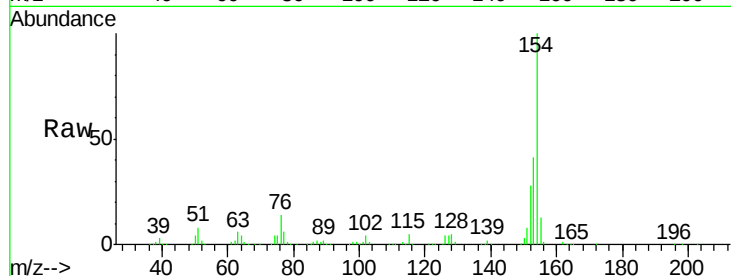
Tot Ion:154 Resp: 572256

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

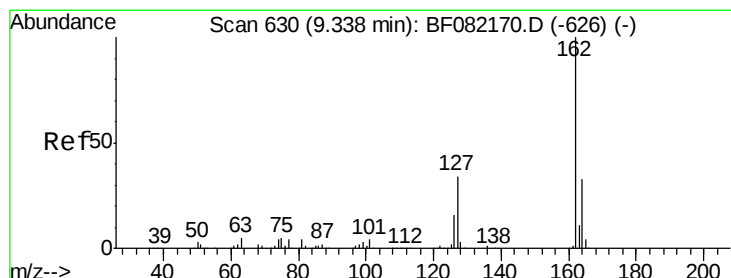
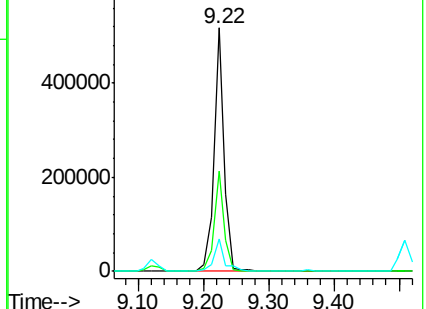
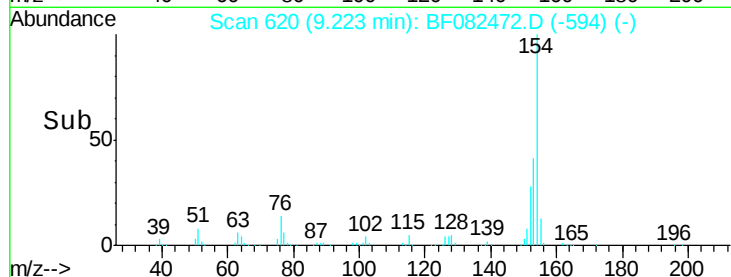
76 13.5 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.86 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

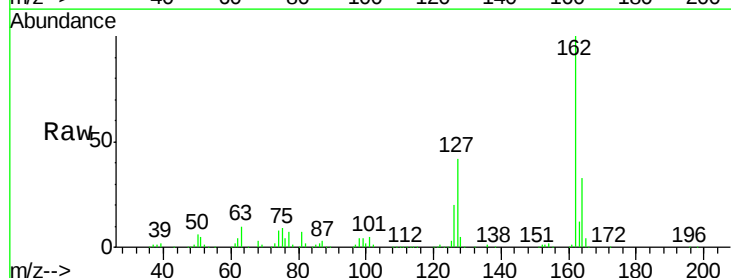
Tgt Ion:162 Resp: 453851

Ion Ratio Lower Upper

162 100

127 41.8 27.5 41.3#

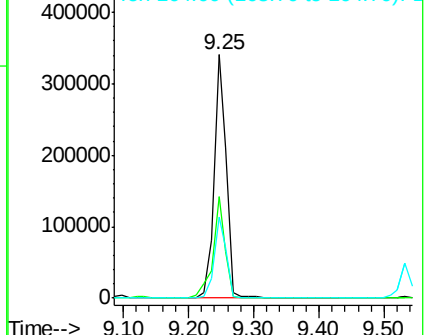
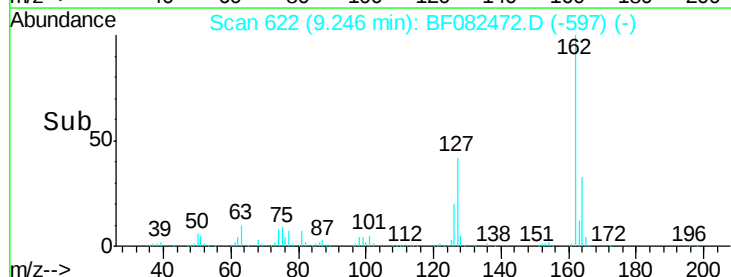
164 33.1 26.6 39.8

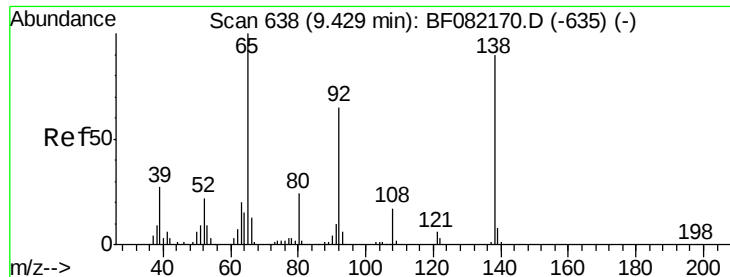


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

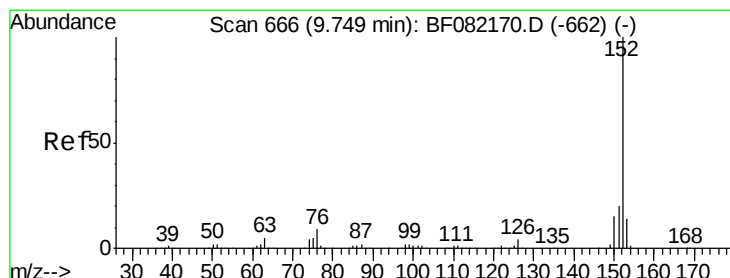
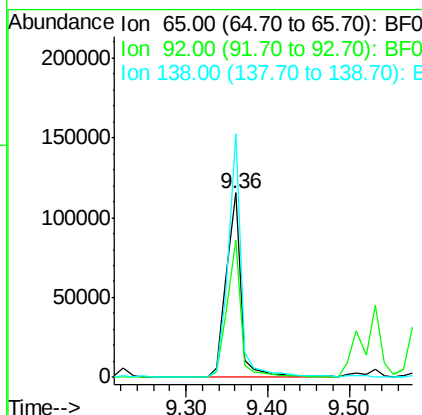
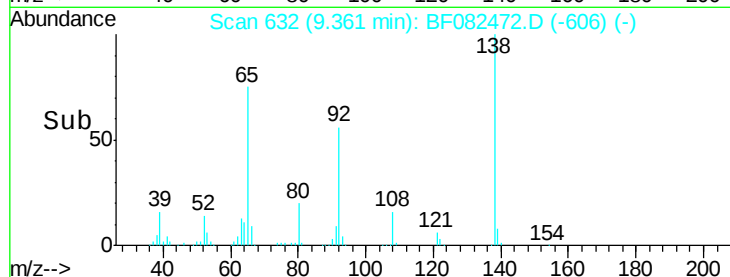
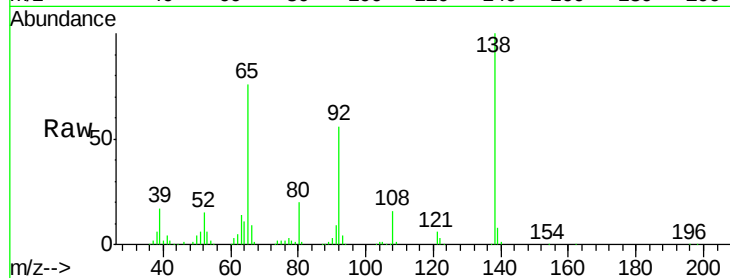




#47
2-Nitroaniline
Concen: 47.55 ng
RT: 9.36 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

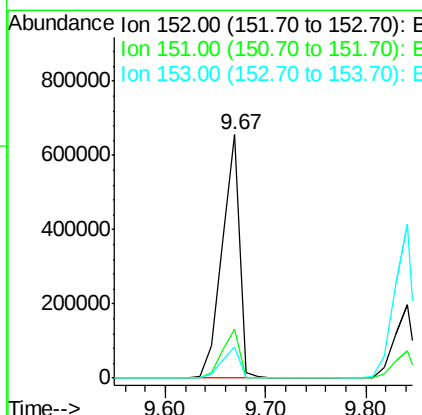
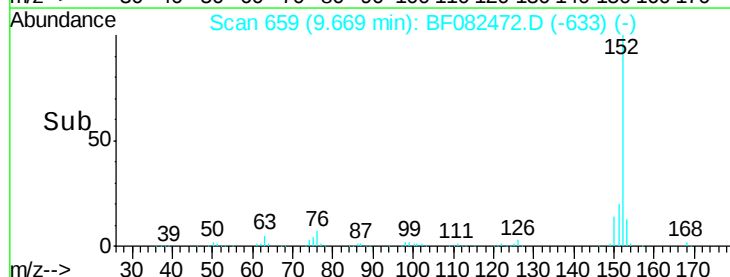
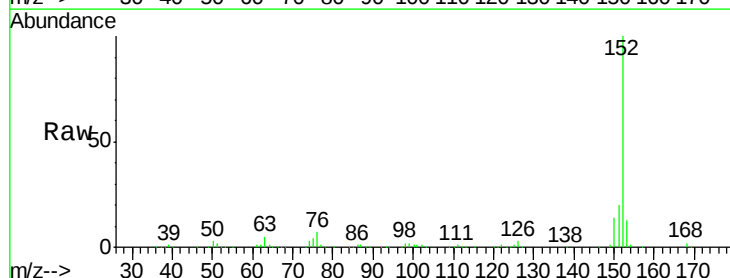
Instrument :
BNA_F
ClientSampleId :
PB86220BS

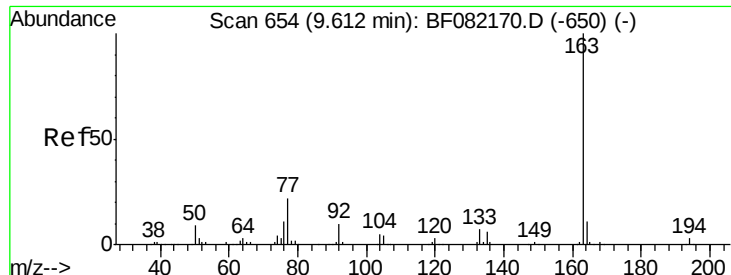
Tot Ion: 65 Resp: 144996
Ion Ratio Lower Upper
65 100
92 74.3 52.3 78.5
138 132.2 72.2 108.4#



#48
Acenaphthylene
Concen: 45.52 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion: 152 Resp: 787498
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.0 10.8 16.2

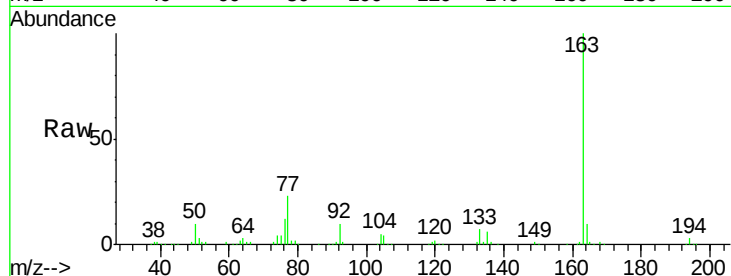




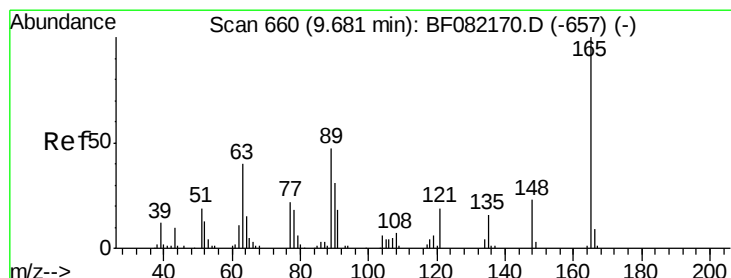
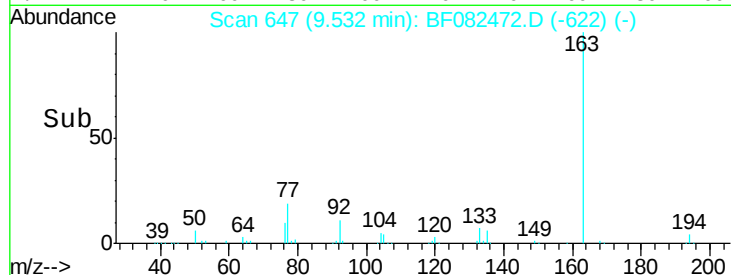
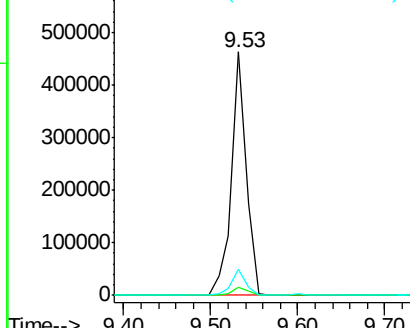
#49
Dimethylphthalate
Concen: 42.00 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:163 Resp: 547161
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.5 12.7

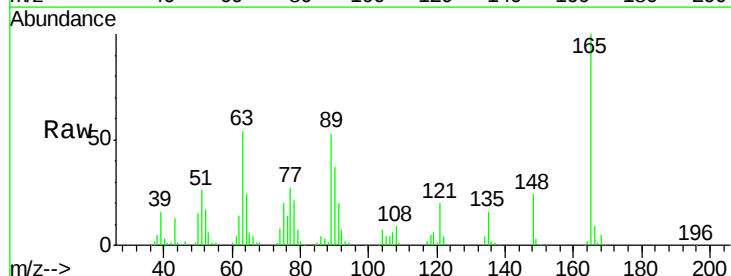


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

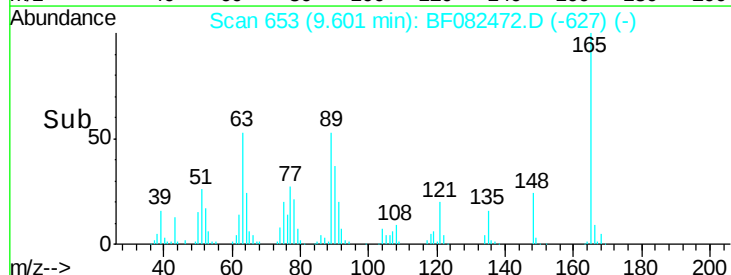
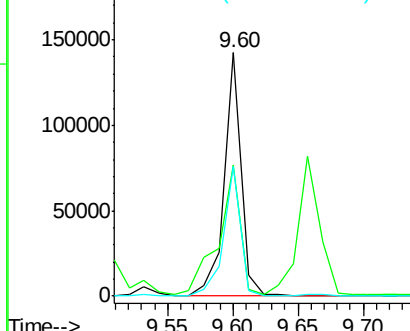


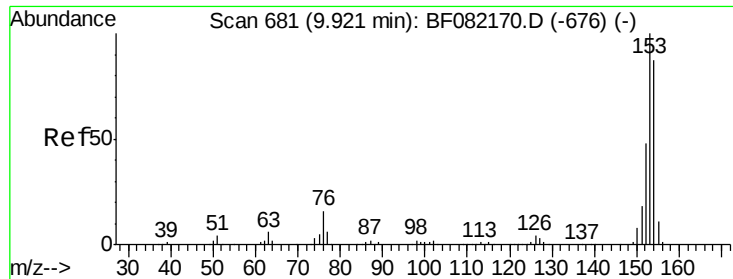
#50
2,6-Dinitrotoluene
Concen: 47.28 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:165 Resp: 129964
Ion Ratio Lower Upper
165 100
63 53.7 36.7 55.1
89 53.0 37.8 56.6



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





#51

Acenaphthene

Concen: 42.78 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampled :

PB86220BS

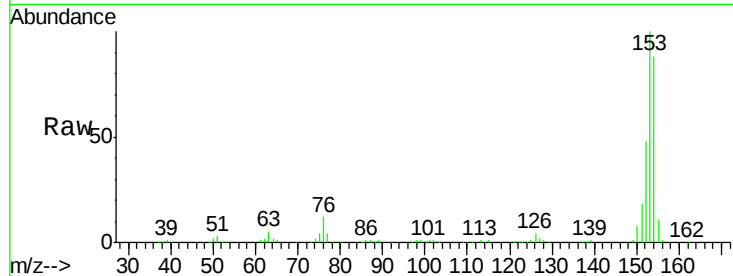
Tot Ion:154 Resp: 444397

Ion Ratio Lower Upper

154 100

153 113.4 91.4 137.2

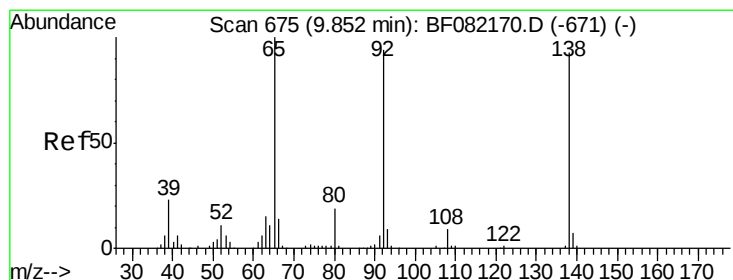
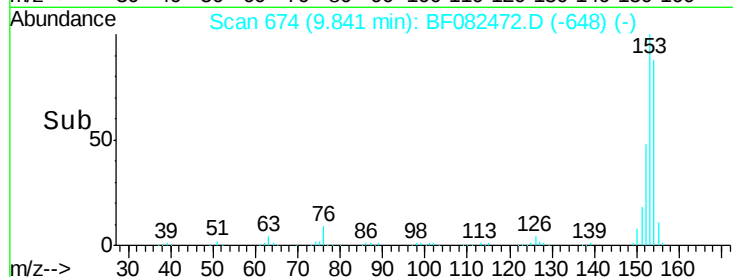
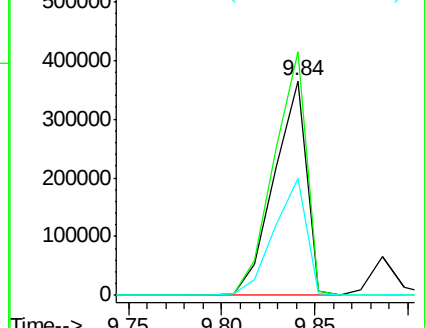
152 54.2 44.3 66.5



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: 21.86 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

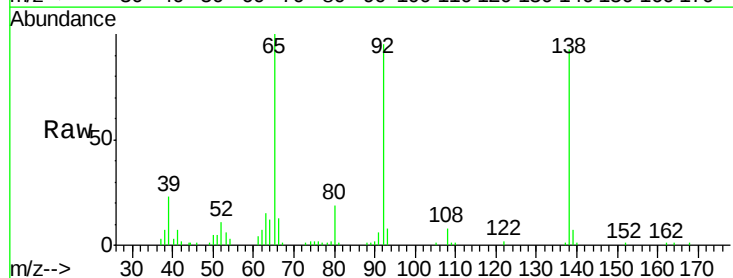
Tgt Ion:138 Resp: 67869

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.0

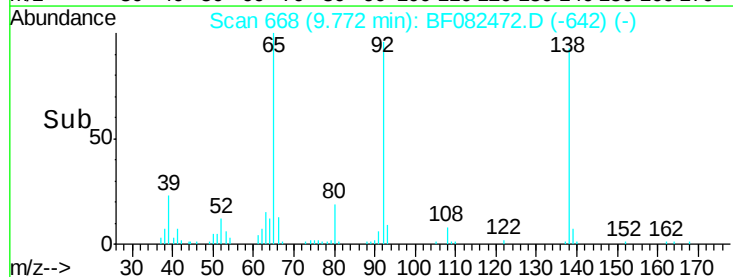
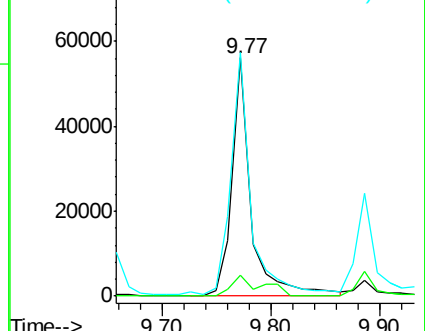
92 102.3 81.3 121.9



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

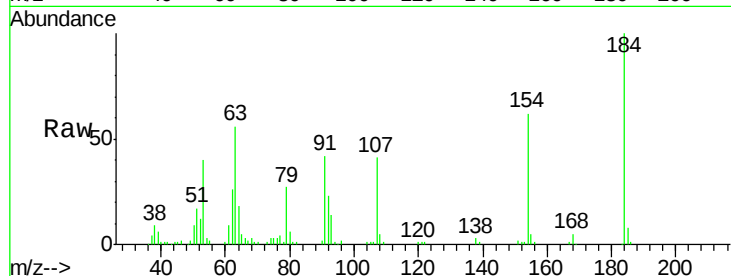




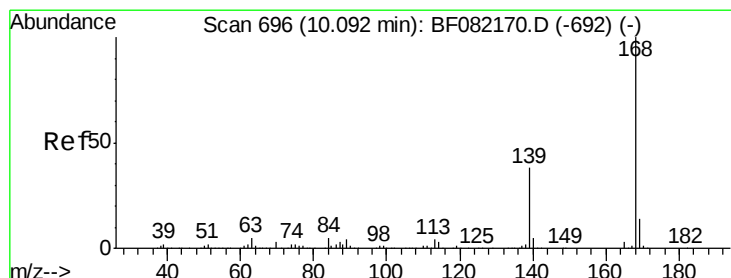
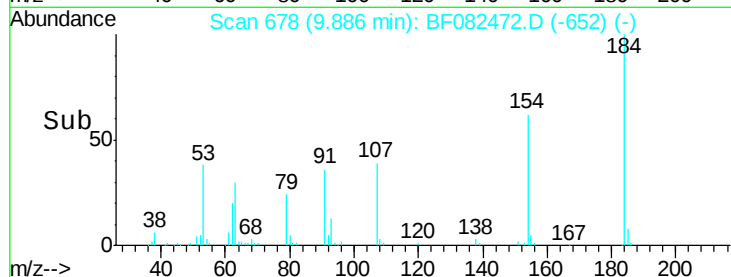
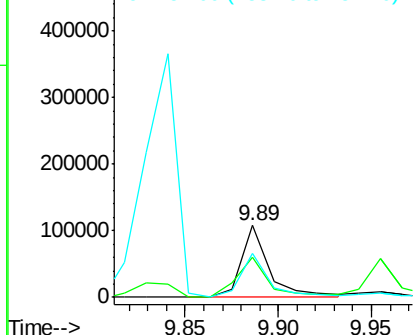
#53
2,4-Dinitrophenol
Concen: 74.14 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:184 Resp: 113104
Ion Ratio Lower Upper
184 100
63 55.6 45.1 67.7
154 61.8 51.2 76.8

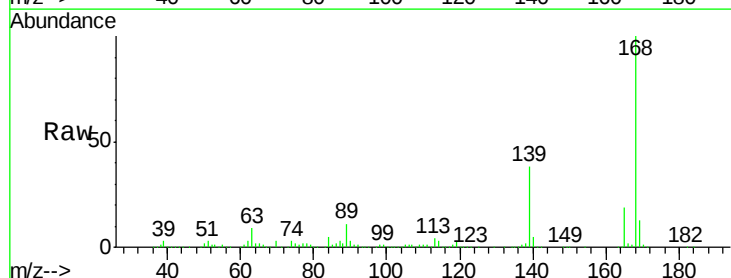


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

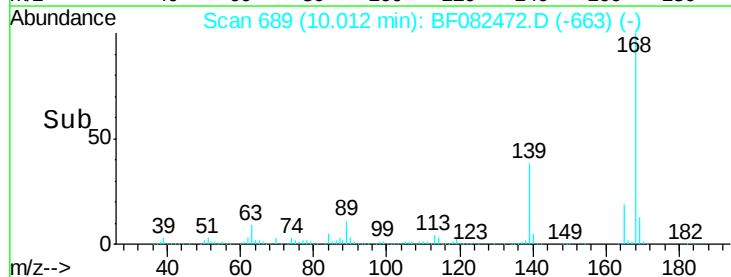
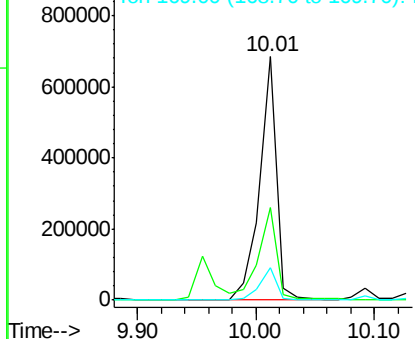


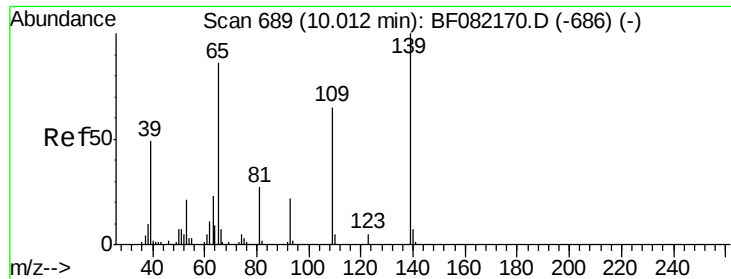
#54
Dibenzofuran
Concen: 48.01 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:168 Resp: 684659
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.6
169 13.4 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: 65.75 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

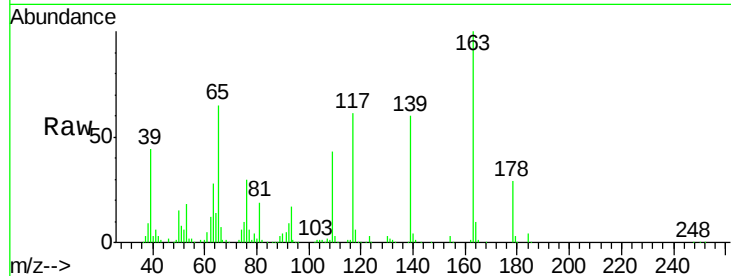
Tot Ion:139 Resp: 130988

Ion Ratio Lower Upper

139 100

109 70.9 44.8 84.8

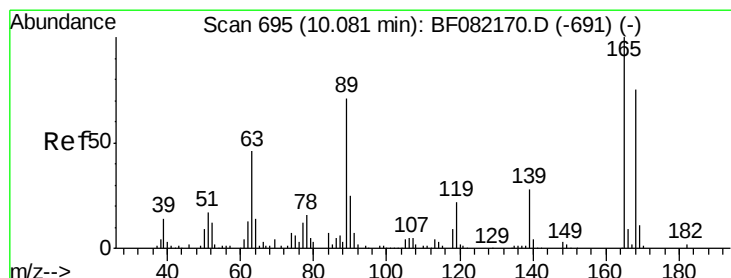
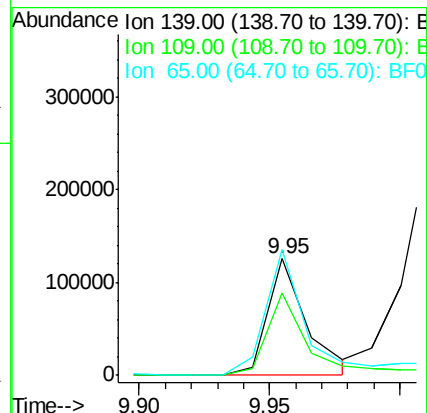
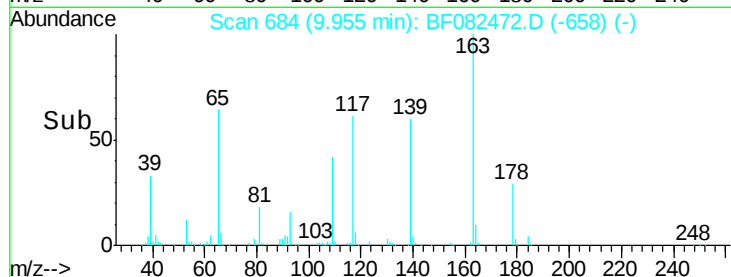
65 107.8 67.7 107.7#



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: 48.42 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:165 Resp: 166377

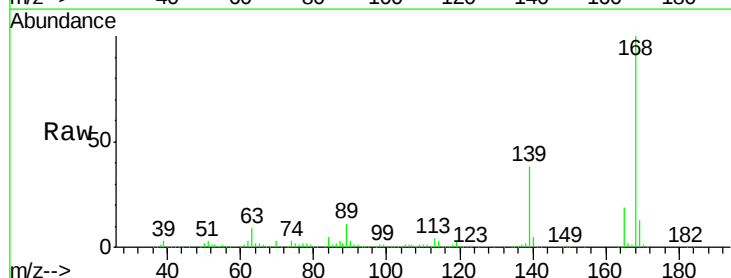
Ion Ratio Lower Upper

165 100

63 47.8 38.6 58.0

89 60.0 57.0 85.6

182 2.2 1.8 2.6

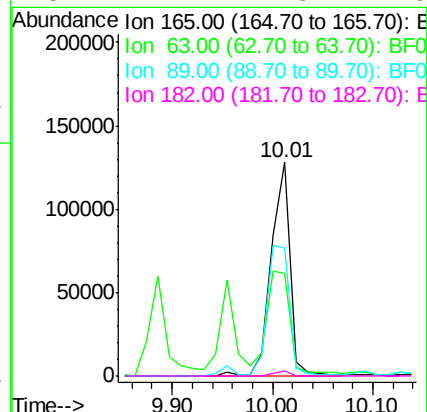
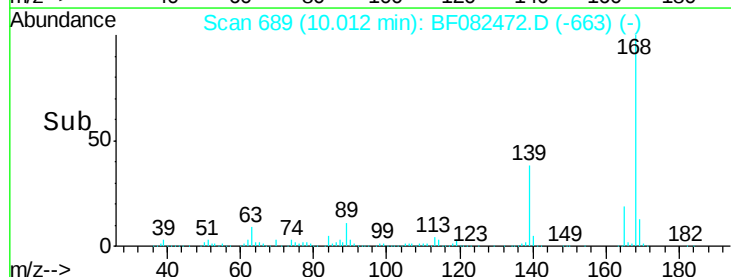


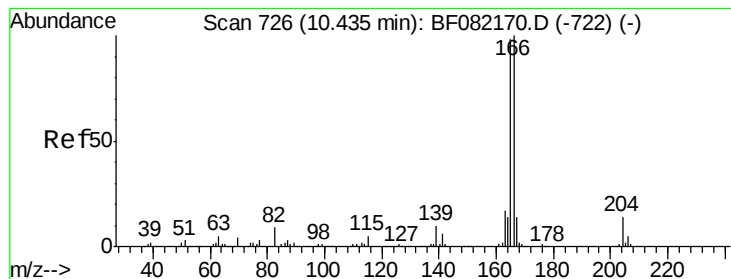
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.16 ng

RT: 10.35 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

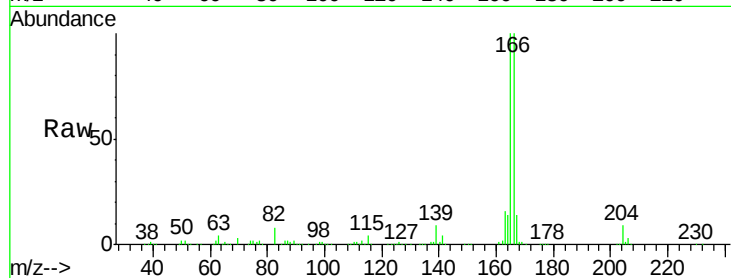
Tot Ion:166 Resp: 564048

Ion Ratio Lower Upper

166 100

165 100.1 78.3 117.5

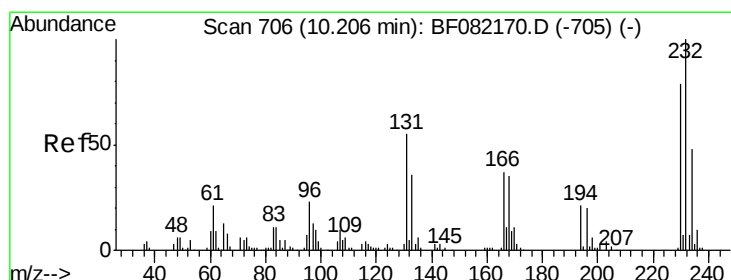
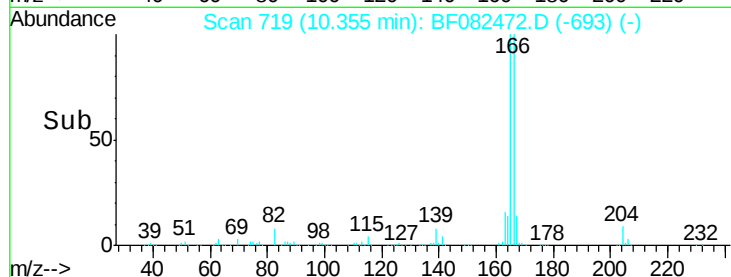
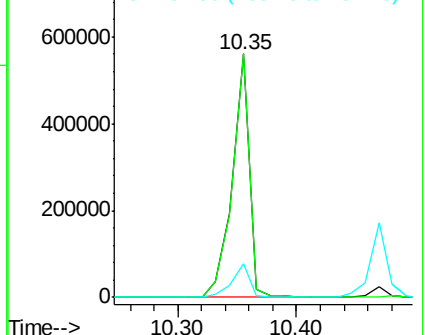
167 13.6 10.8 16.2



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: 42.78 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:232 Resp: 138398

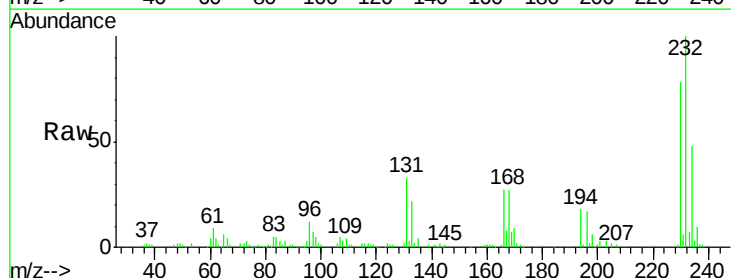
Ion Ratio Lower Upper

232 100

131 41.5 36.6 54.8

130 1.8 1.5 2.3

166 28.5 24.6 37.0

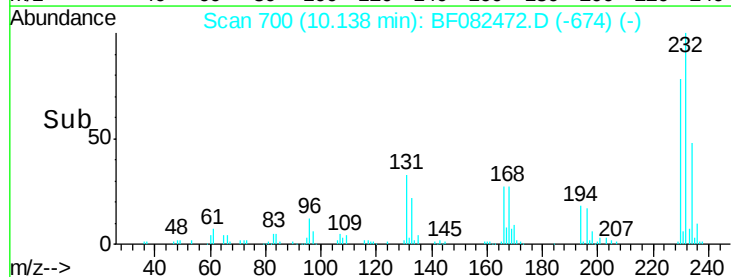
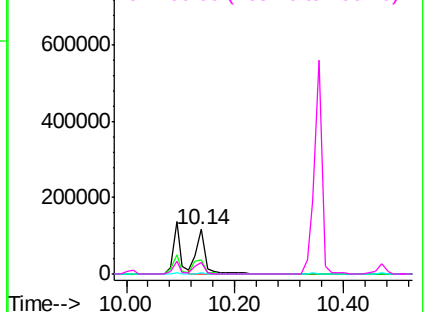


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.16 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

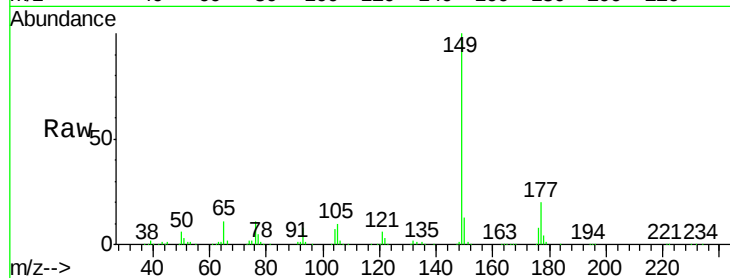
Tot Ion:149 Resp: 560636

Ion Ratio Lower Upper

149 100

177 20.3 17.6 26.4

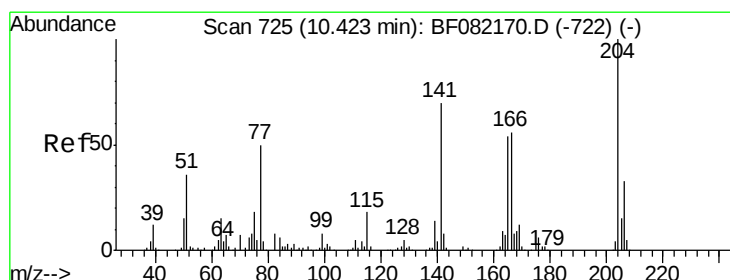
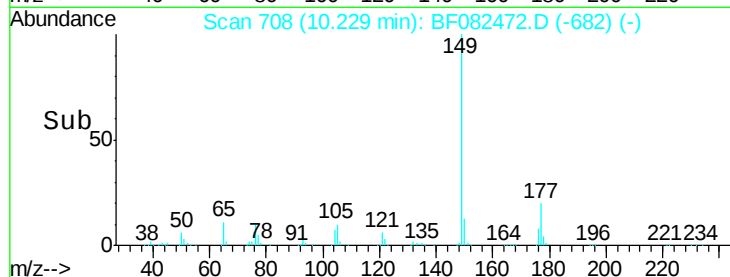
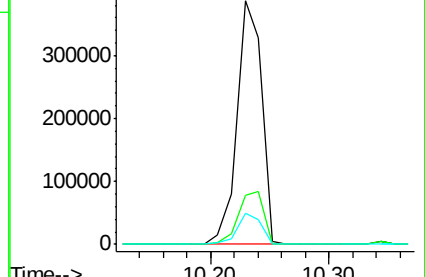
150 12.6 10.3 15.5



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: 44.89 ng

RT: 10.34 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

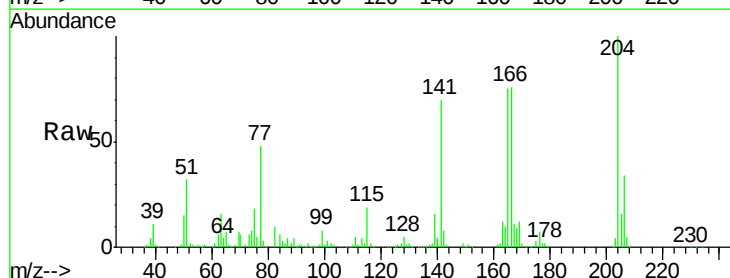
Tgt Ion:204 Resp: 240866

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

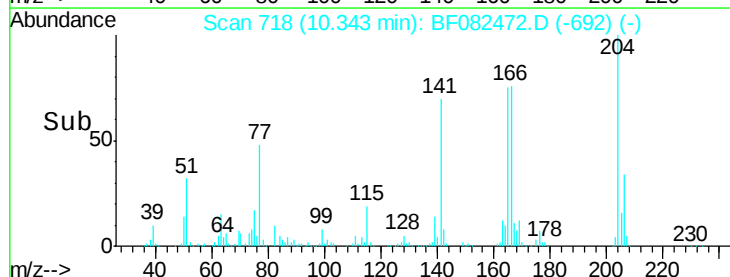
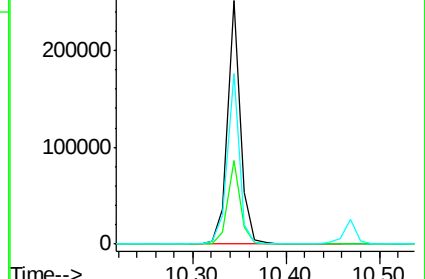
141 70.1 56.1 84.1

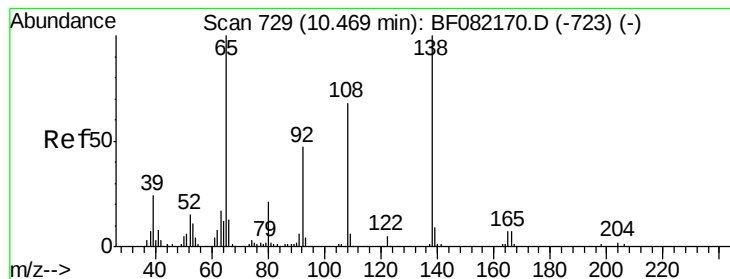


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.76 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampled :

PB86220BS

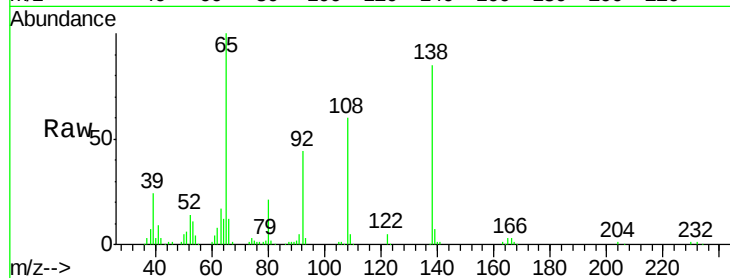
Tot Ion:138 Resp: 122767

Ion Ratio Lower Upper

138 100

92 51.5 26.8 66.8

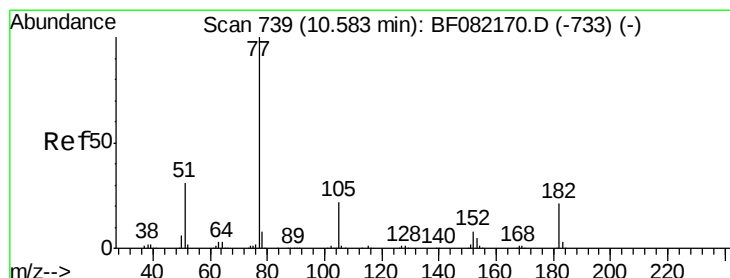
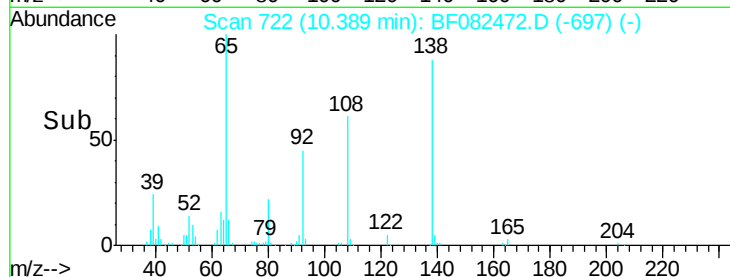
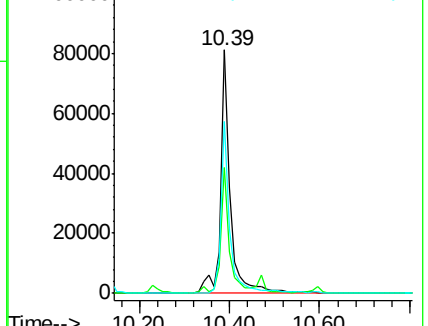
108 70.4 48.4 88.4



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: 45.54 ng

RT: 10.50 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion: 77 Resp: 541300

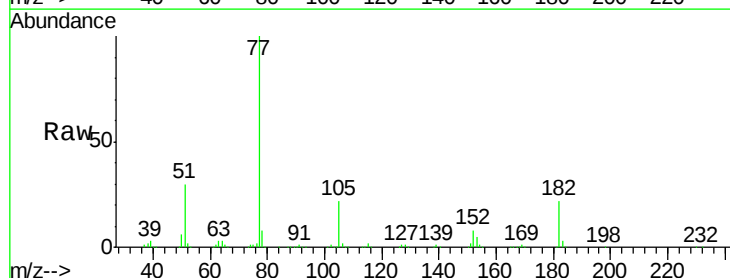
Ion Ratio Lower Upper

77 100

182 22.1 0.5 40.5

105 22.1 1.8 41.8

51 29.8 11.2 51.2

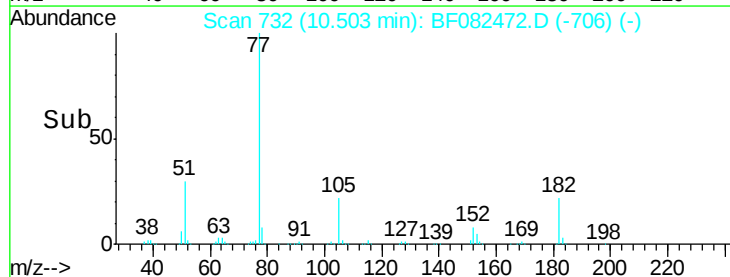
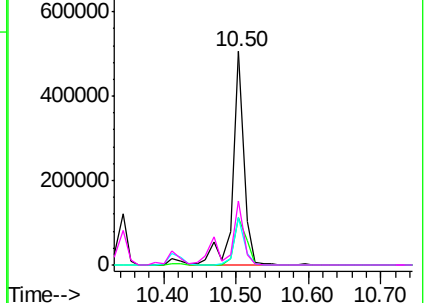


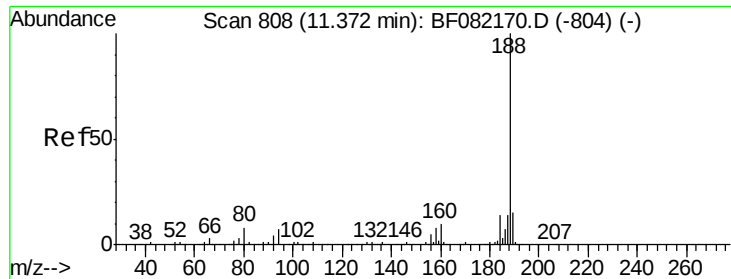
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

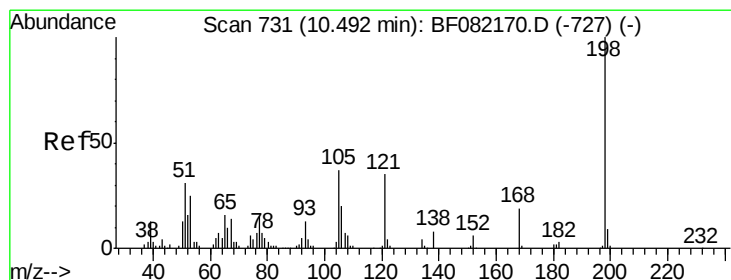
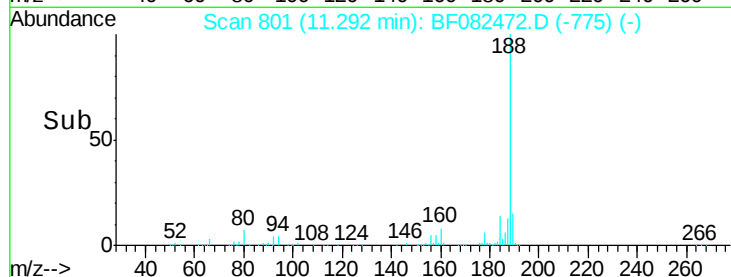
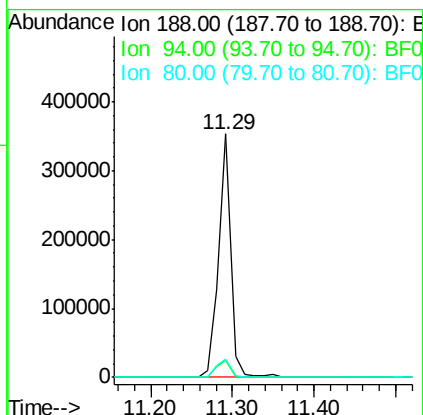
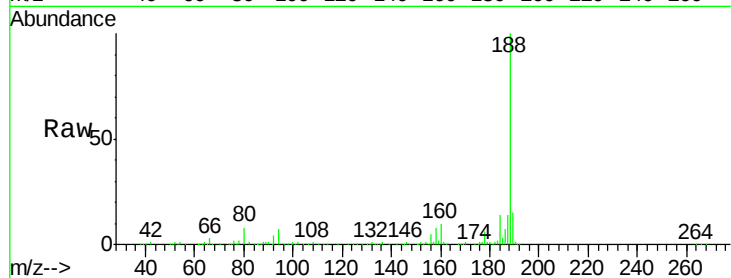




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

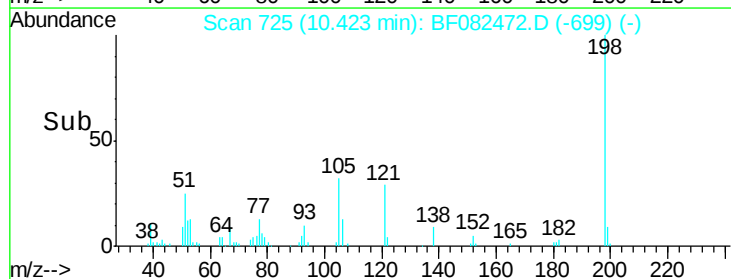
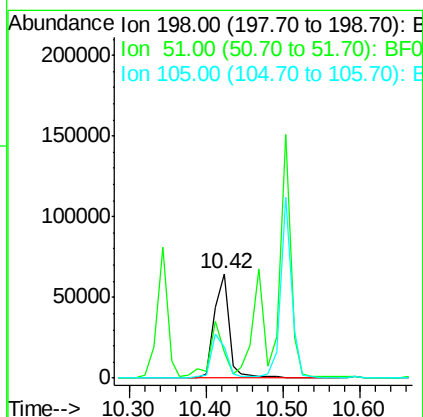
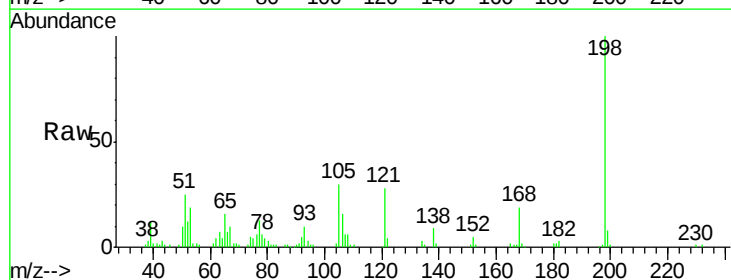
Instrument :
BNA_F
ClientSampleId :
PB86220BS

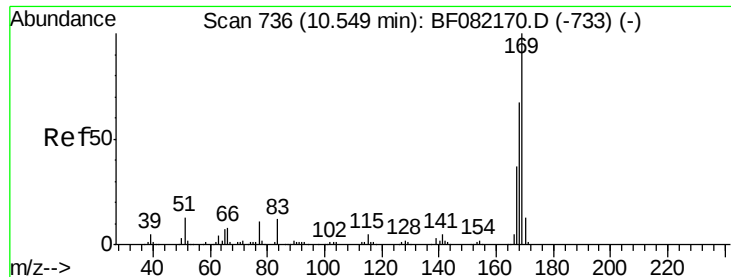
Tot Ion:188 Resp: 367335
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.5 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 43.06 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:198 Resp: 88767
Ion Ratio Lower Upper
198 100
51 24.6 13.6 53.6
105 30.1 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 42.32 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

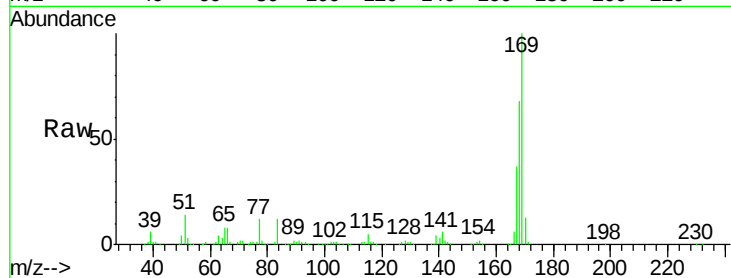
Tot Ion:169 Resp: 465488

Ion Ratio Lower Upper

169 100

168 67.9 54.0 81.0

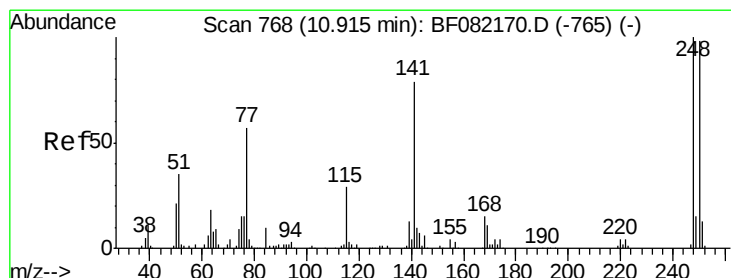
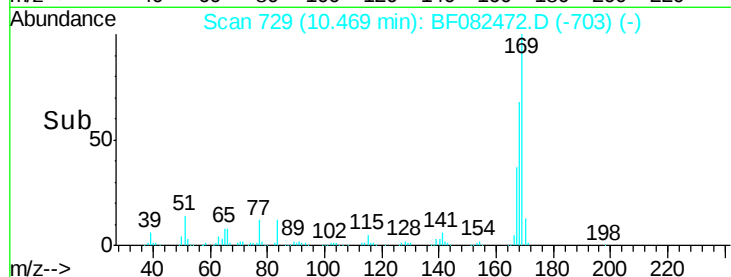
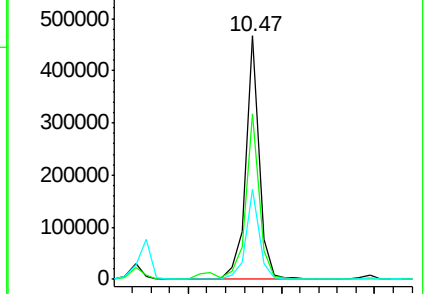
167 37.0 29.6 44.4



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: 43.16 ng

RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

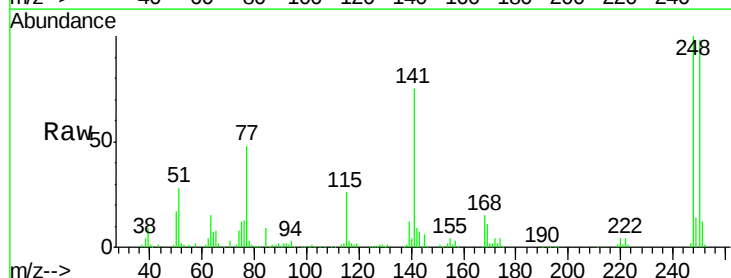
Tgt Ion:248 Resp: 158667

Ion Ratio Lower Upper

248 100

250 97.9 78.6 117.8

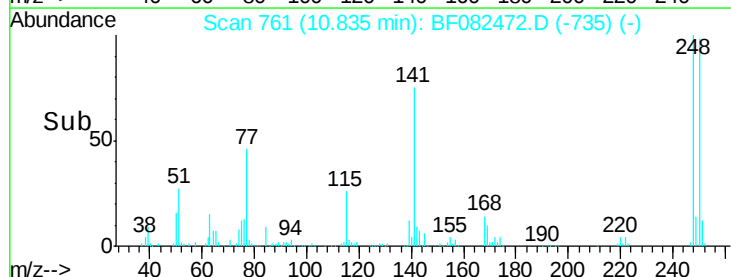
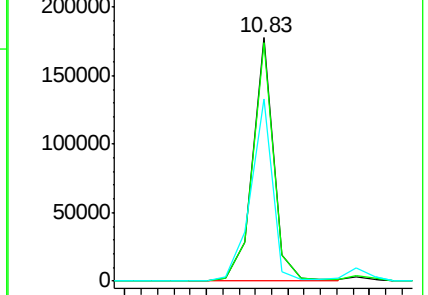
141 74.7 63.3 94.9

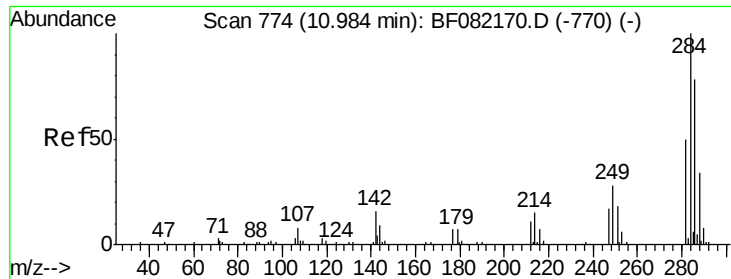


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

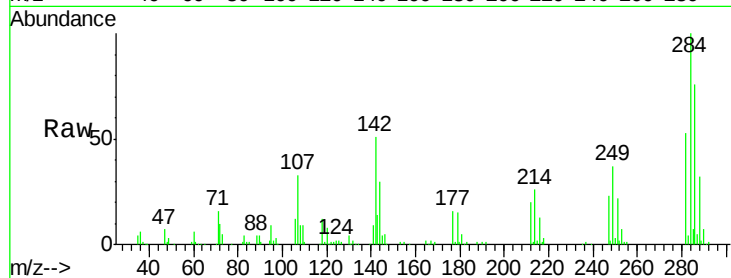




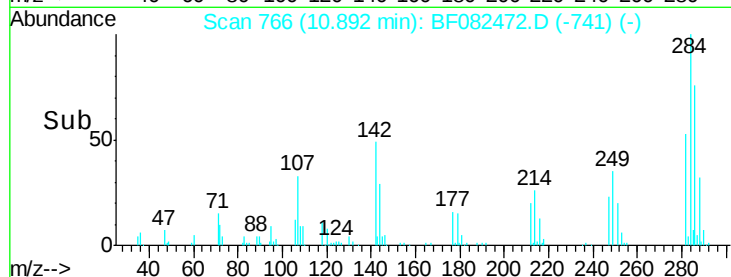
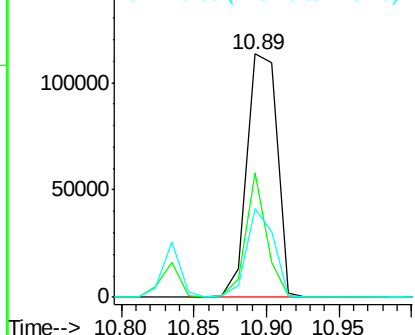
#67
Hexachlorobenzene
Concen: 41.20 ng
RT: 10.89 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:284 Resp: 163806
Ion Ratio Lower Upper
284 100
142 50.9 13.0 19.6#
249 36.5 22.5 33.7#

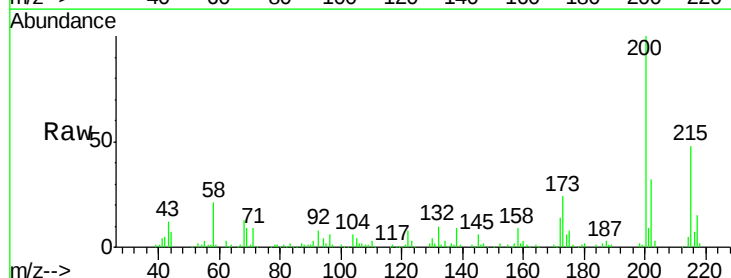


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

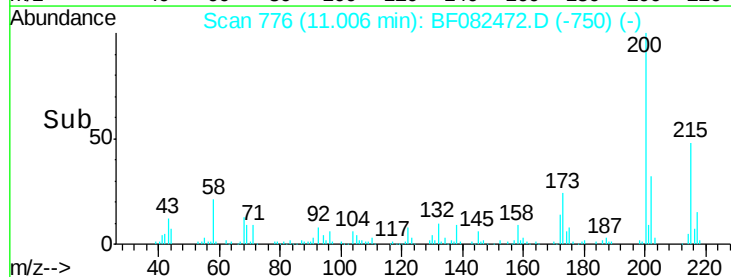
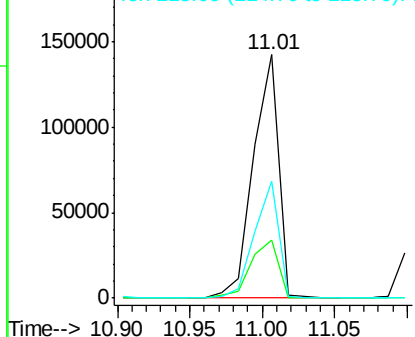


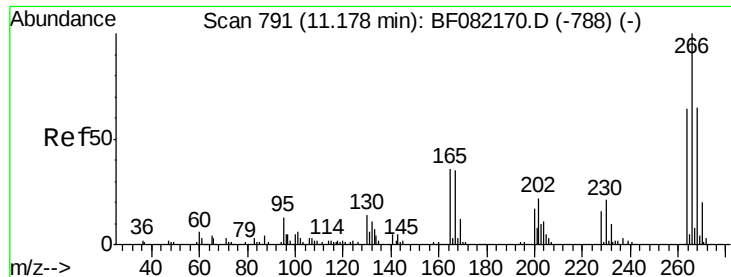
#68
Atrazine
Concen: 49.31 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:200 Resp: 171816
Ion Ratio Lower Upper
200 100
173 24.0 7.3 47.3
215 47.8 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

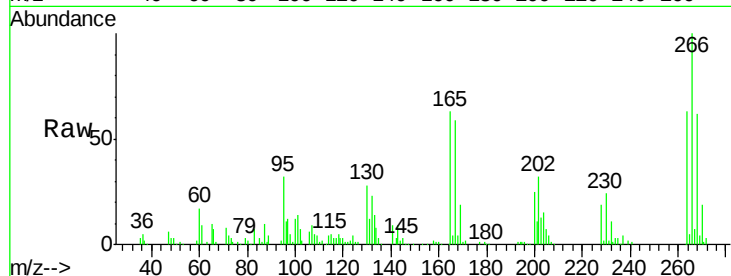




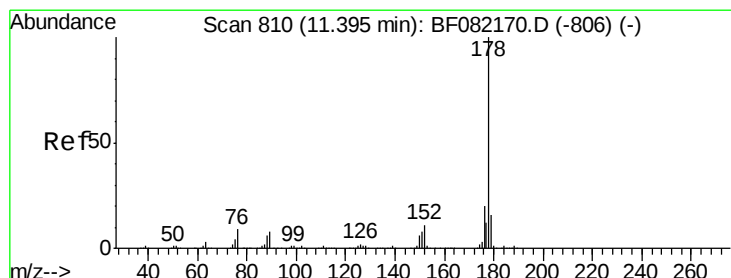
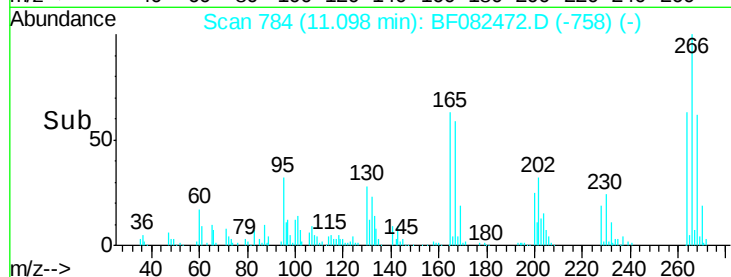
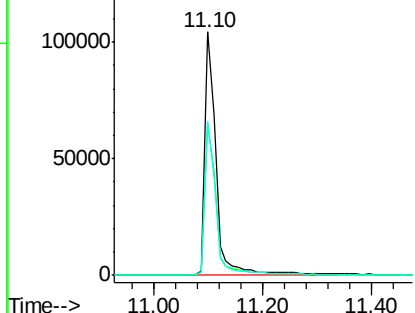
#69
 Pentachlorophenol
 Concen: 73.45 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion:266 Resp: 150266
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 63.1 51.4 77.0

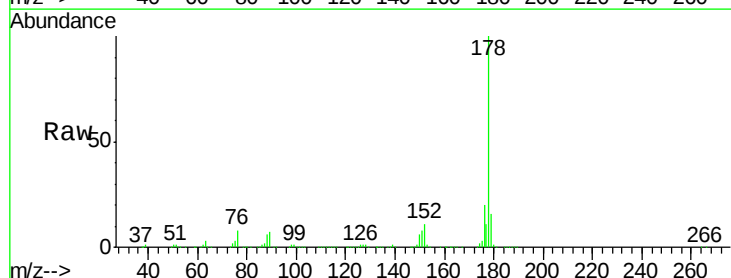


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

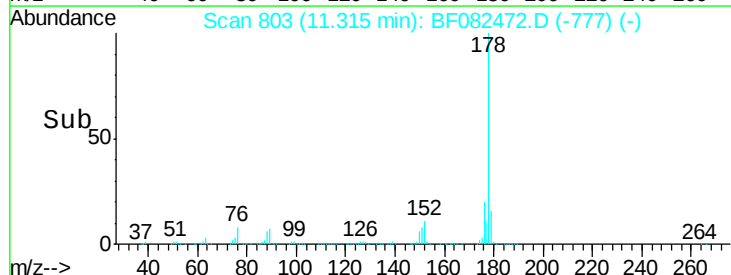
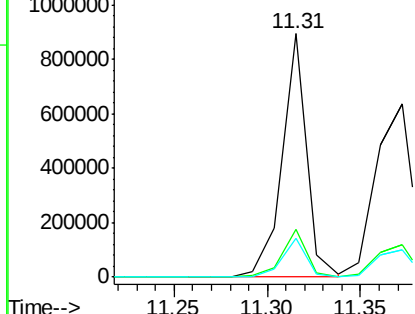


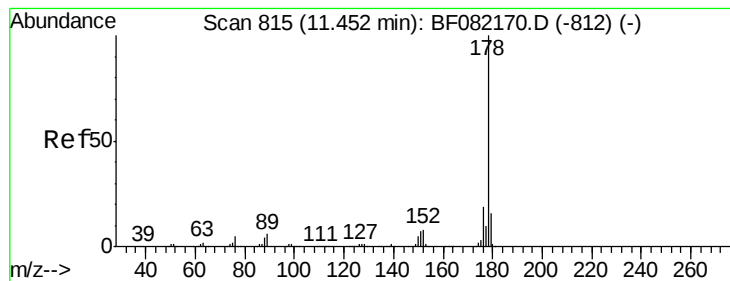
#70
 Phenanthrene
 Concen: 45.21 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:178 Resp: 813957
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.7 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: 45.87 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

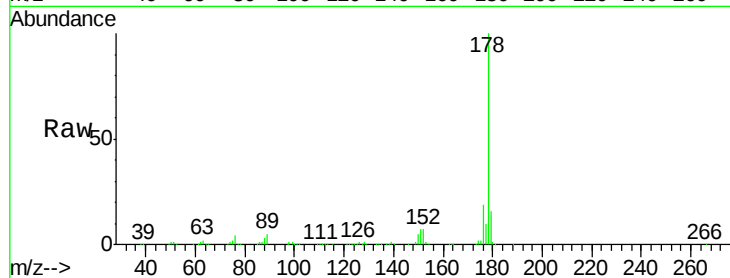
Tot Ion:178 Resp: 851145

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

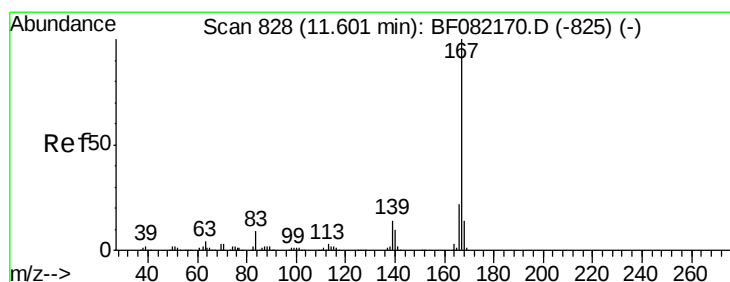
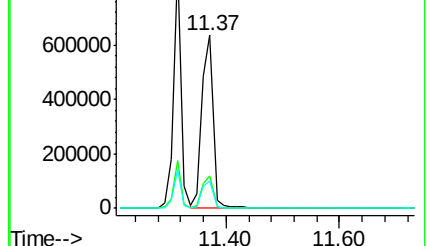
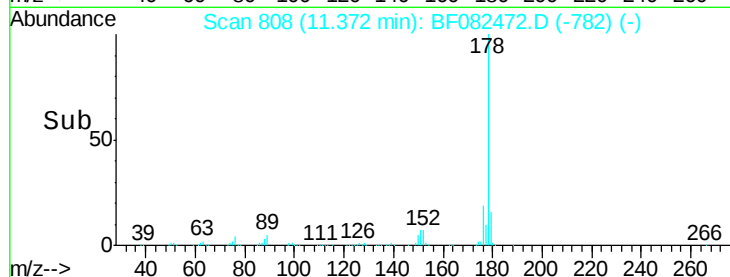
179 15.7 12.5 18.7



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: 45.09 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

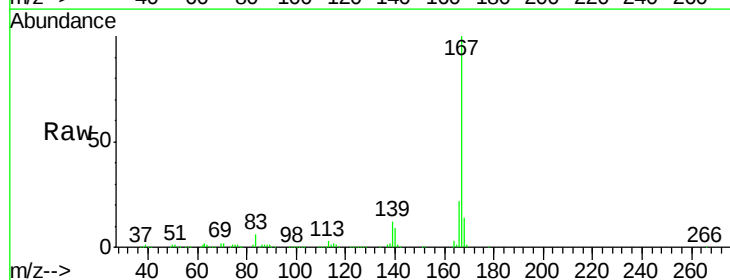
Tgt Ion:167 Resp: 763140

Ion Ratio Lower Upper

167 100

166 22.4 17.3 25.9

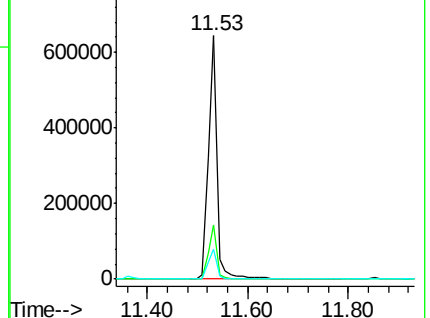
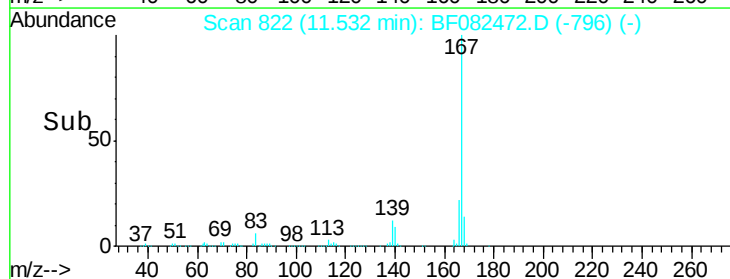
139 12.5 11.2 16.8

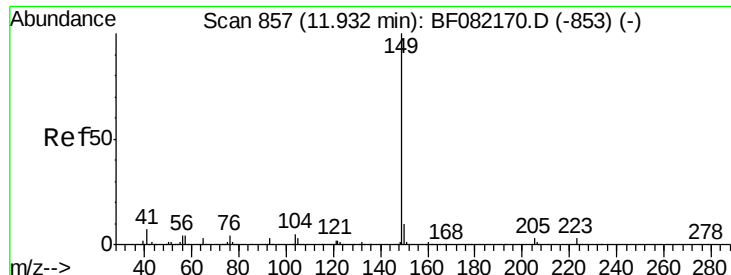


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.00 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleID :

PB86220BS

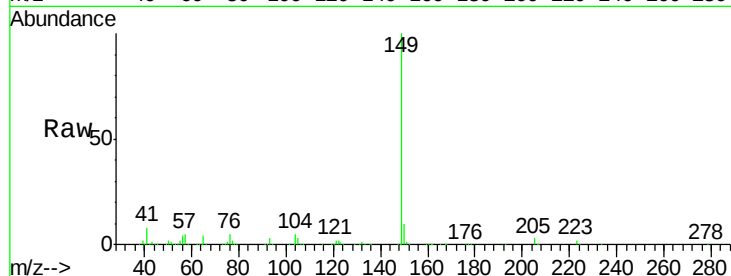
Tot Ion:149 Resp: 855985

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

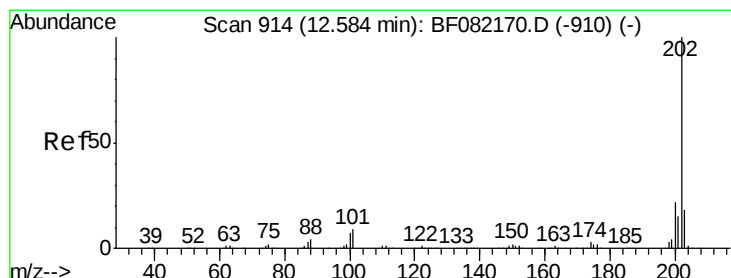
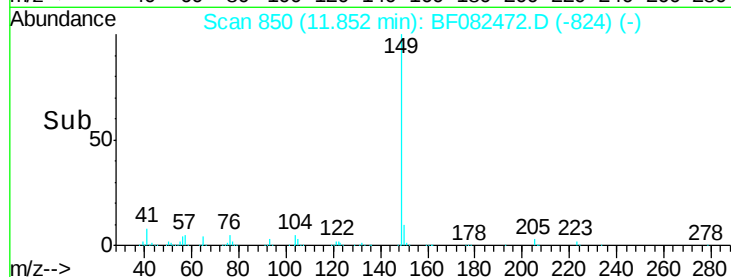
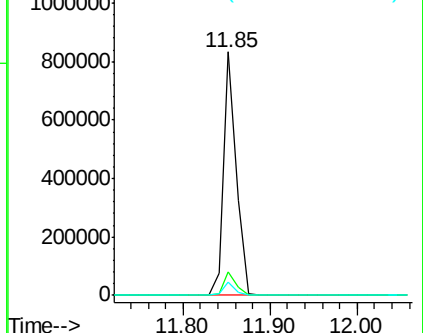
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.61 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

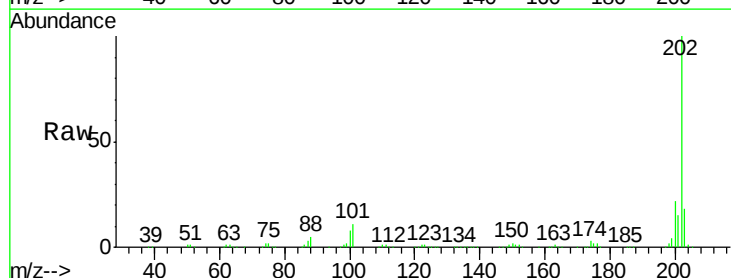
Tgt Ion:202 Resp: 843310

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.3

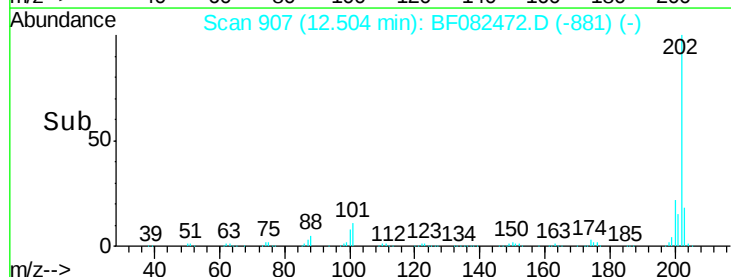
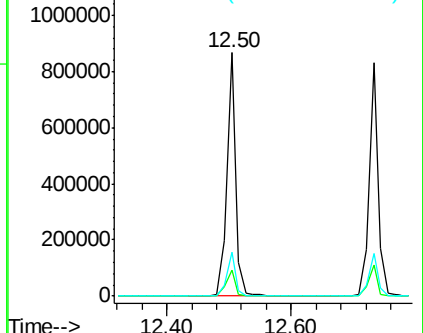
203 18.3 0.0 37.8

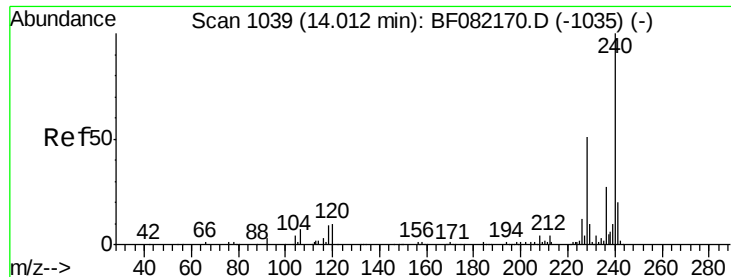


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

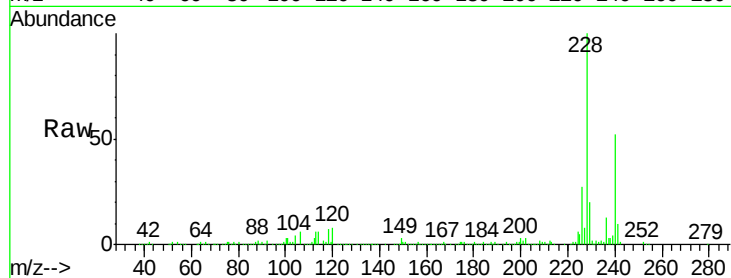
Tot Ion:240 Resp: 290040

Ion Ratio Lower Upper

240 100

120 15.0 8.1 12.1#

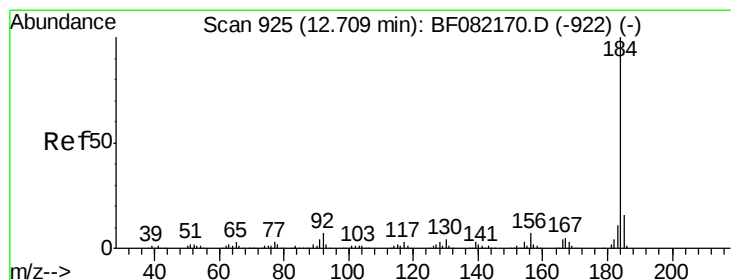
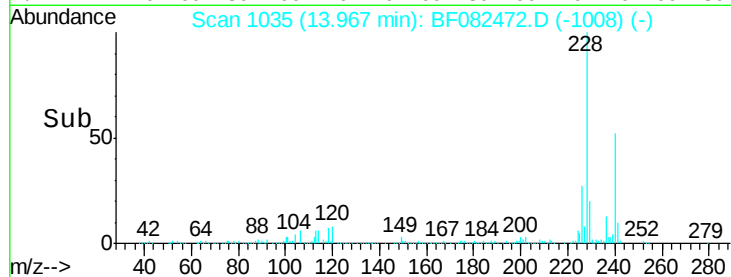
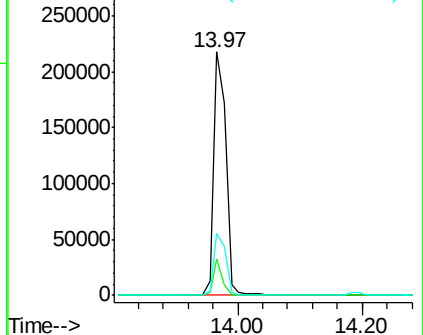
236 25.3 21.3 31.9



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: 35.11 ng

RT: 12.64 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

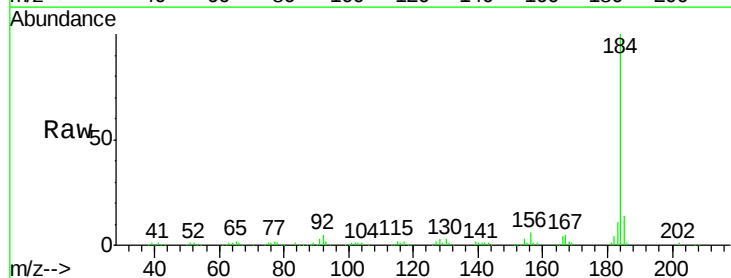
Tgt Ion:184 Resp: 295134

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

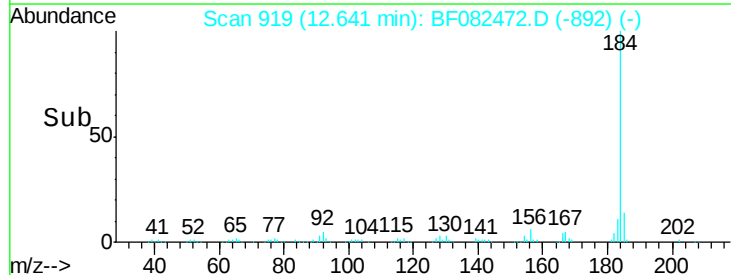
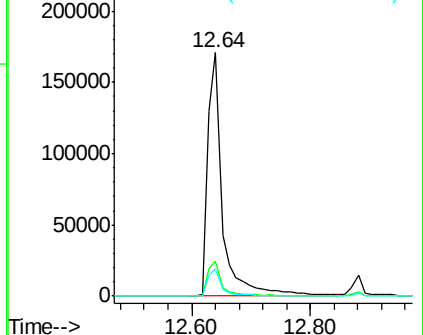
183 11.3 9.1 13.7

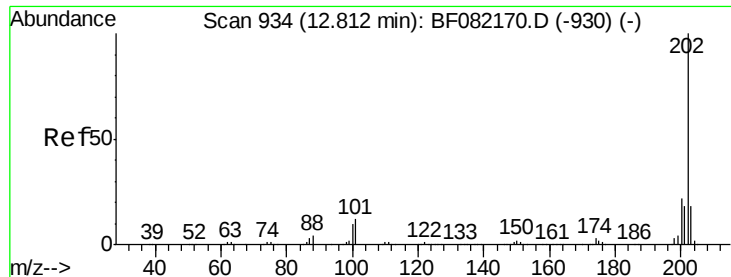


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

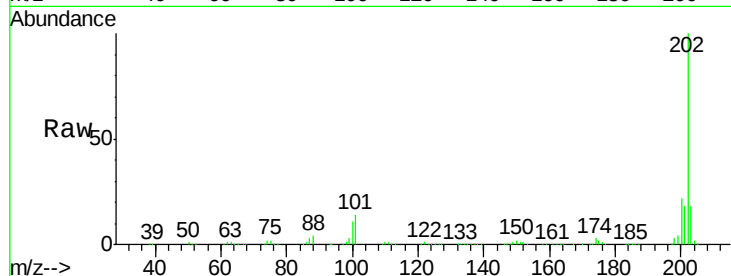




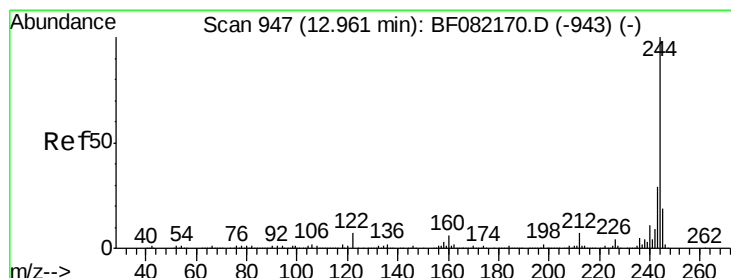
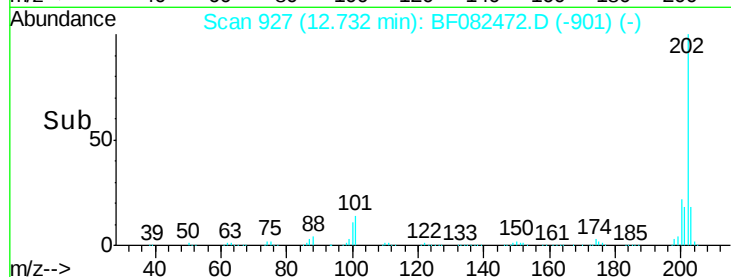
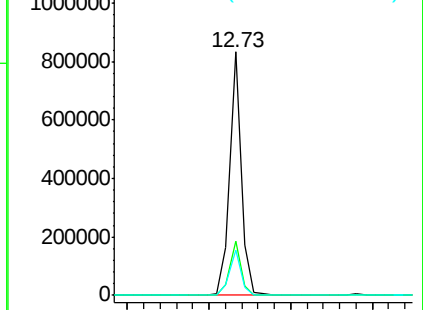
#77
Pvrene
Concen: 47.66 ng
RT: 12.73 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tot Ion:202 Resp: 820438
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 18.4 14.5 21.7

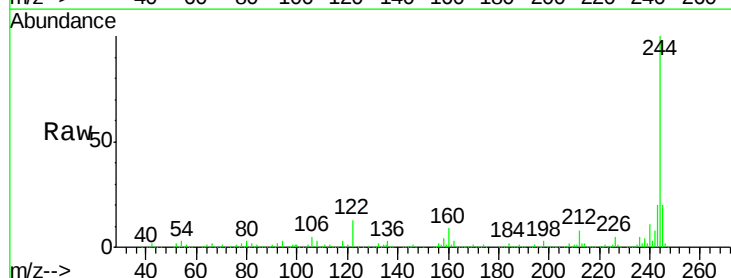


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

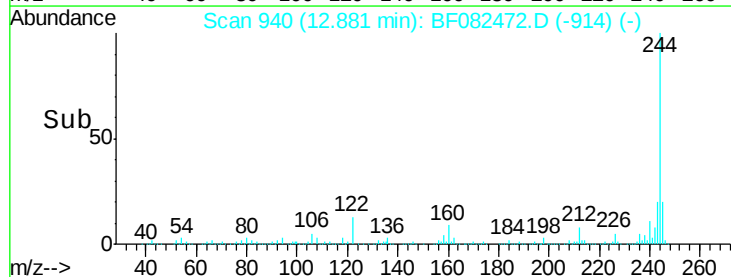
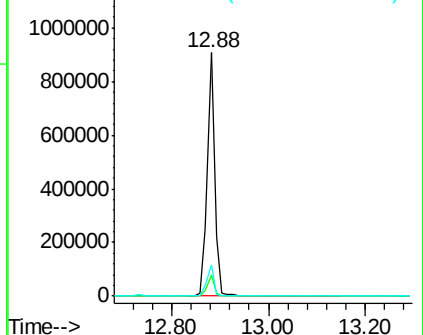


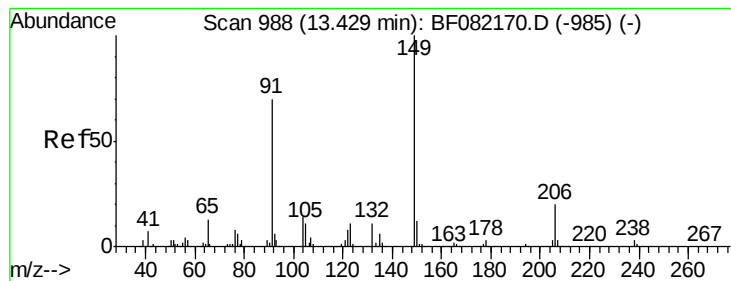
#78
Terphenyl-d14
Concen: 89.94 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:244 Resp: 984398
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.6
122 13.0 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: 50.18 ng

RT: 13.37 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

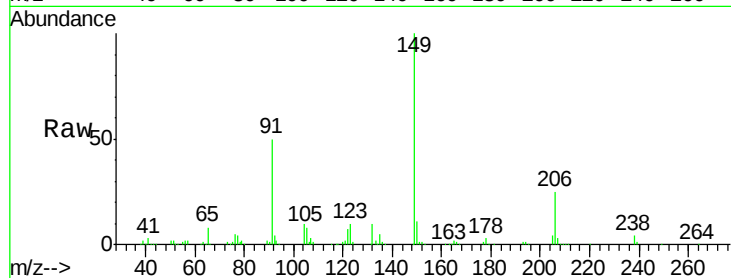
Tot Ion:149 Resp: 394181

Ion Ratio Lower Upper

149 100

91 49.7 55.7 83.5#

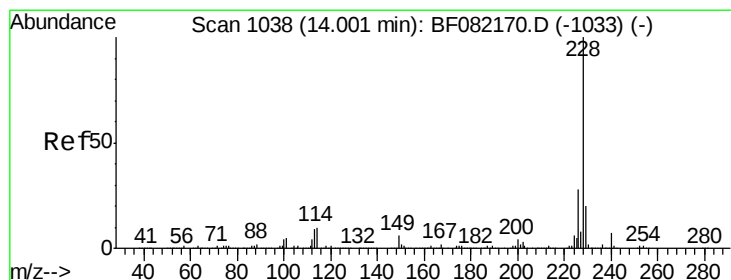
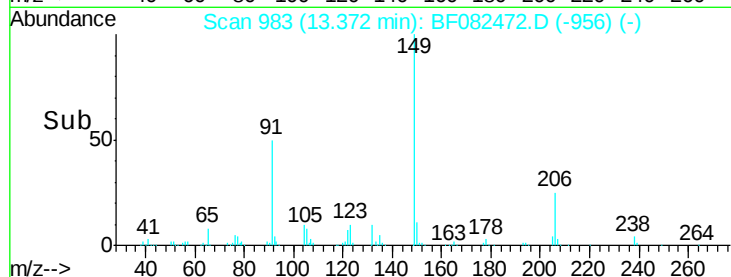
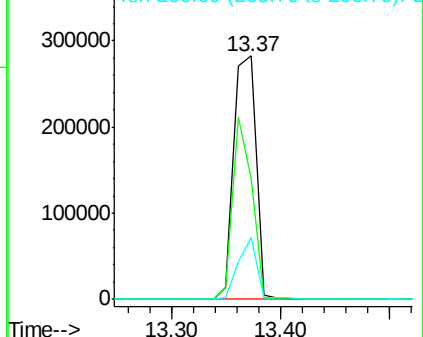
206 25.3 15.6 23.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.46 ng

RT: 13.96 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

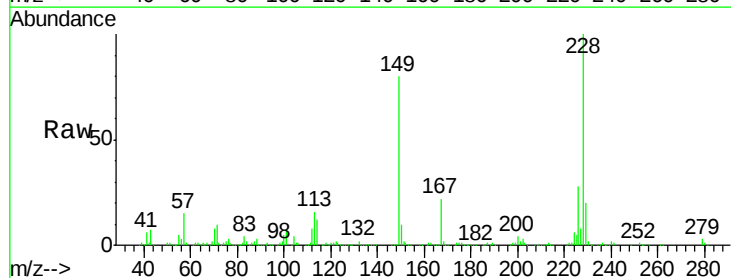
Tgt Ion:228 Resp: 716146

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

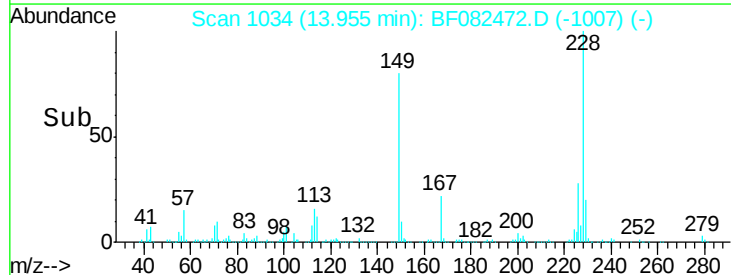
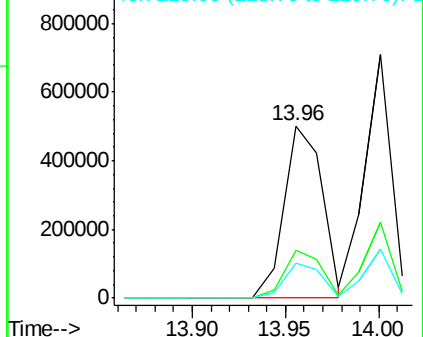
229 20.1 16.2 24.2

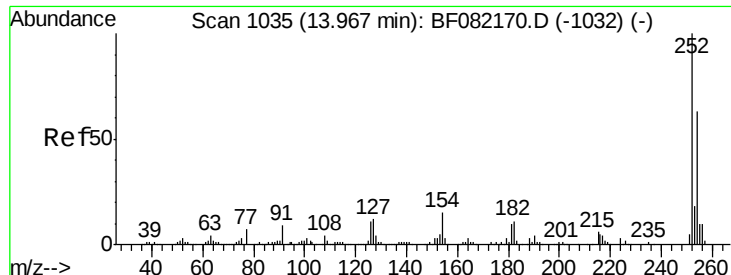


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

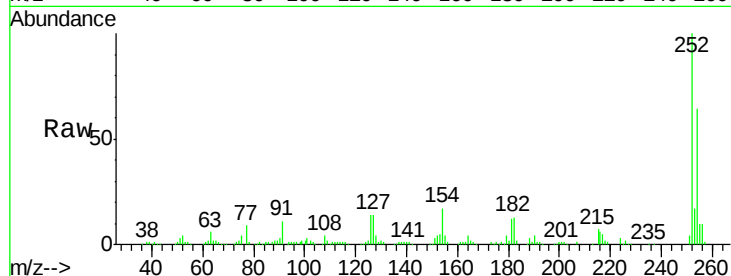




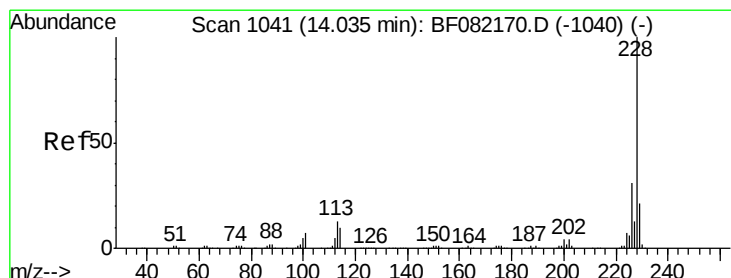
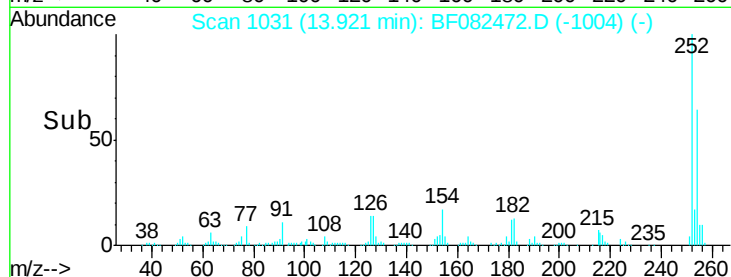
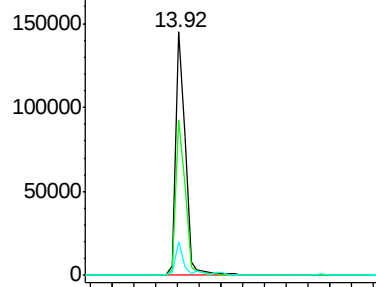
#81
 3,3'-Dichlorobenzidine
 Concen: 30.58 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion:252 Resp: 175192
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 14.1 9.0 13.6#

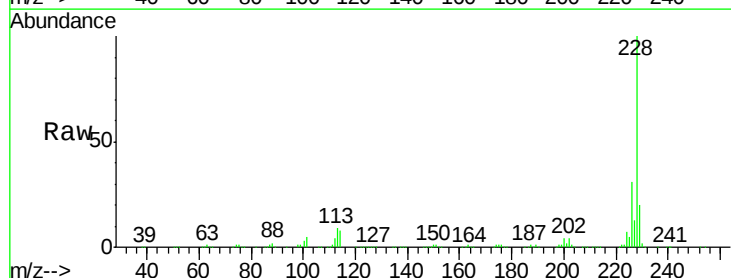


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

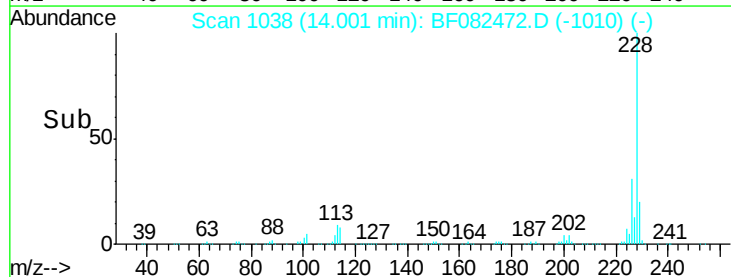
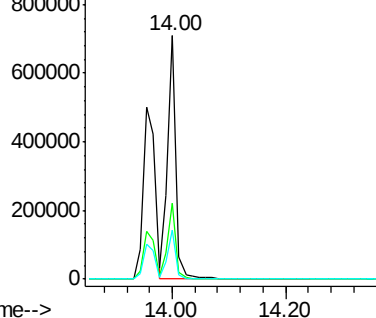


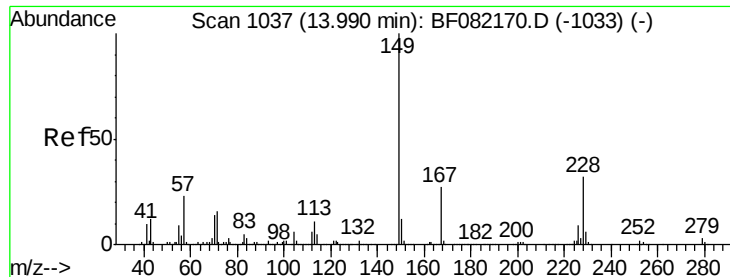
#82
 Chrysene
 Concen: 45.81 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:228 Resp: 728495
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.1 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.96 ng

RT: 13.96 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

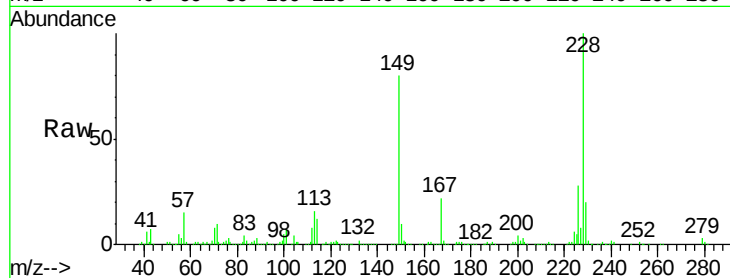
Tot Ion:149 Resp: 537520

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

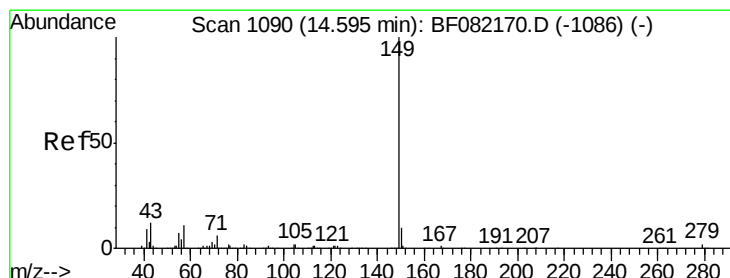
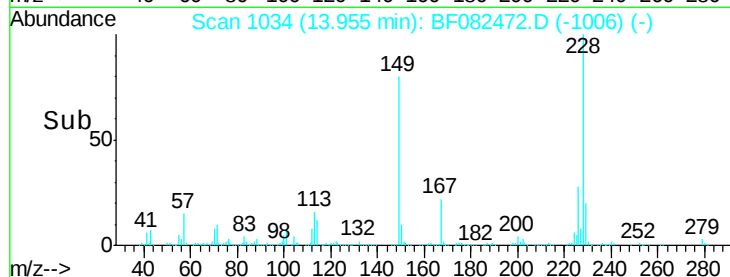
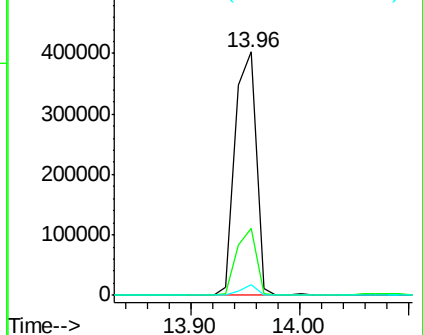
279 4.2 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.66 ng

RT: 14.62 min Scan# 1092

Delta R.T. 0.03 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

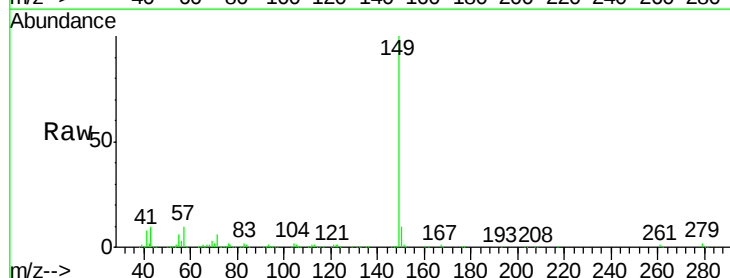
Tgt Ion:149 Resp: 917192

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

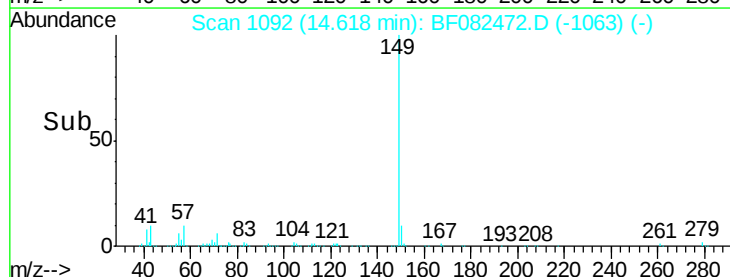
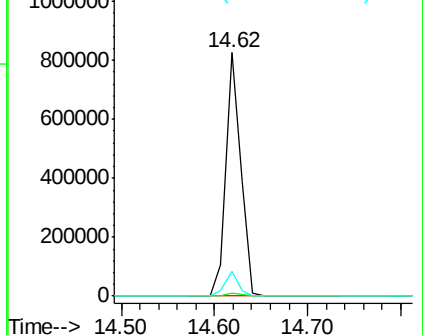
43 8.9 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

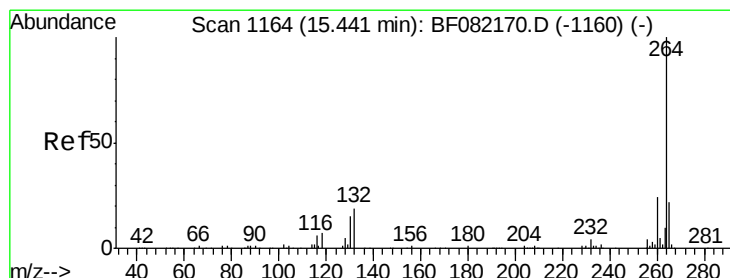
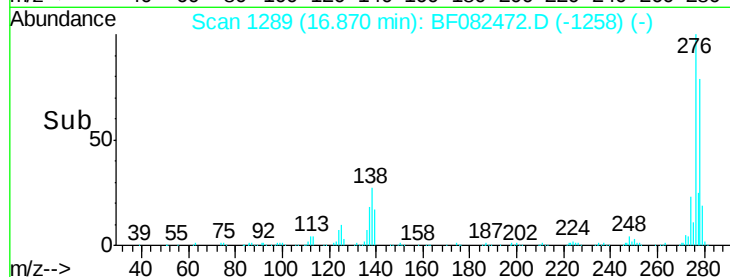
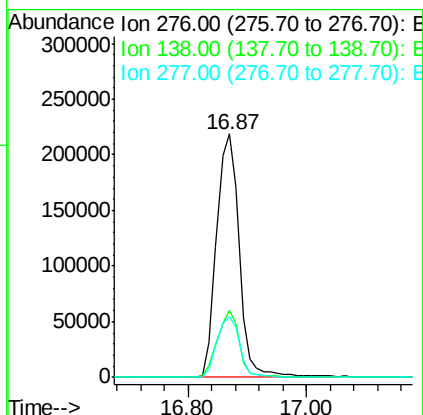
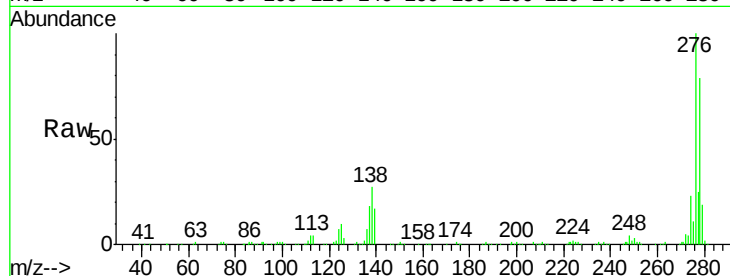




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.95 ng
 RT: 16.87 min Scan# 1289
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

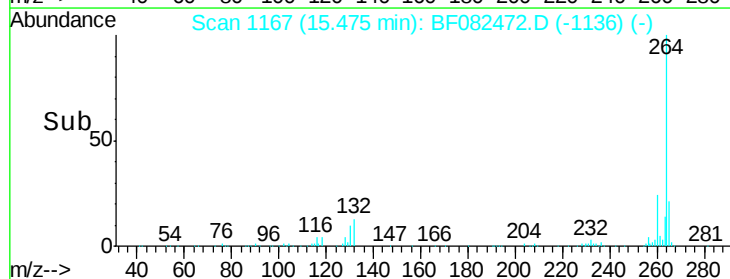
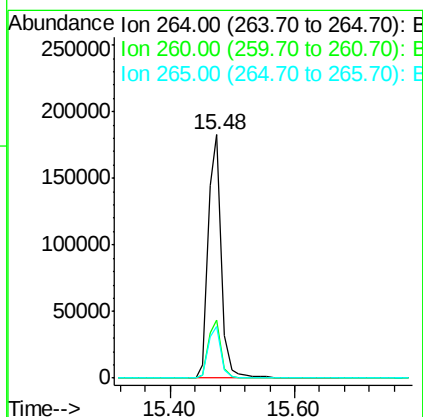
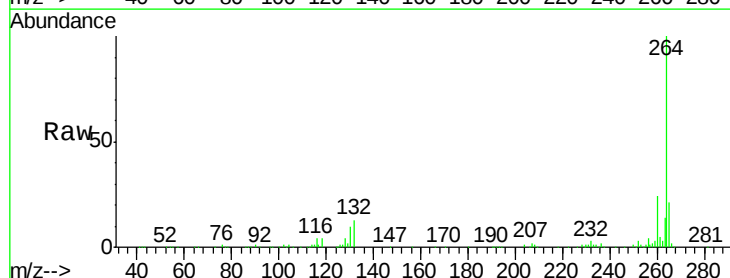
Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

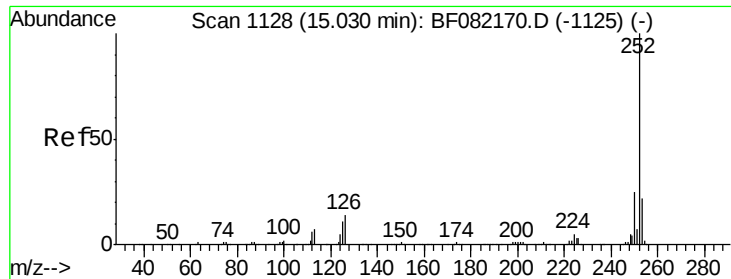
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.7	29.5
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9

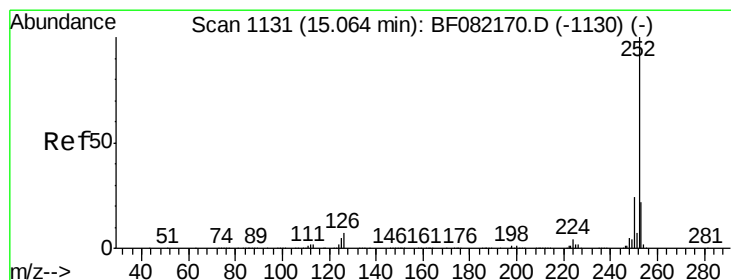
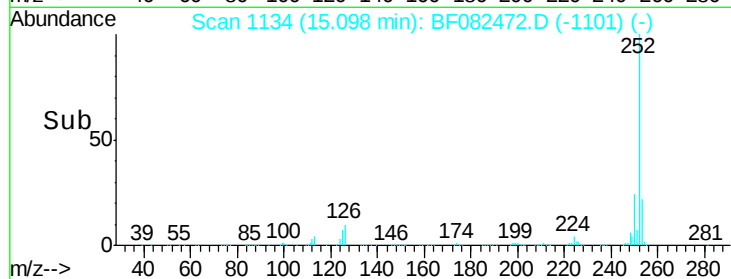
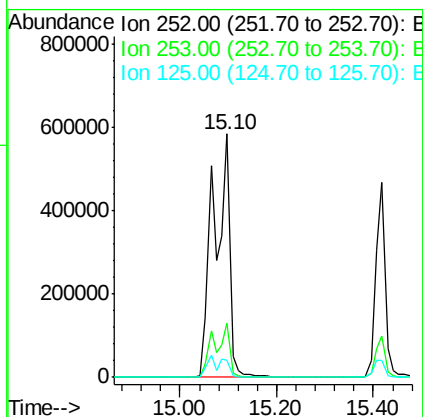
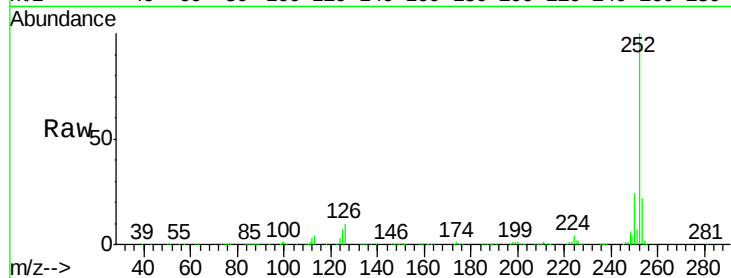




#87
Benzo(b)fluoranthene
Concen: 83.36 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.08 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

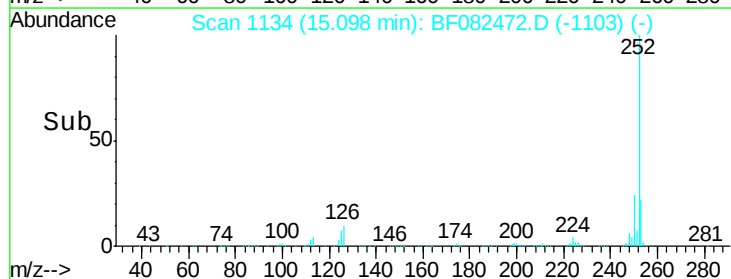
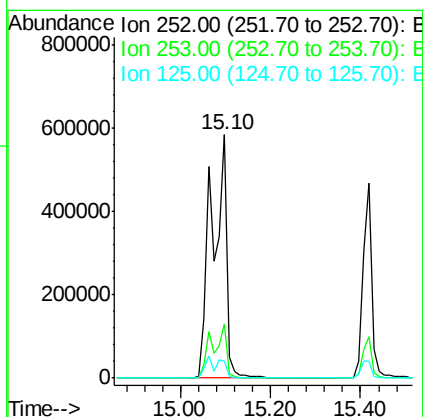
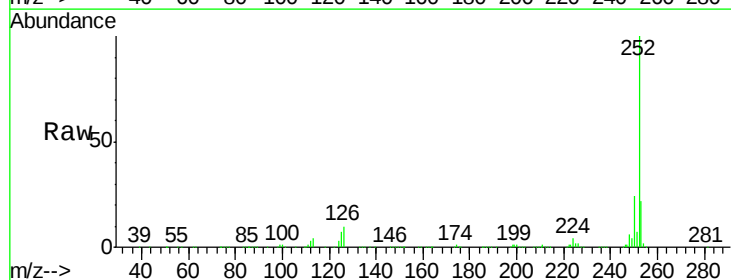
Instrument :
BNA_F
ClientSampleId :
PB86220BS

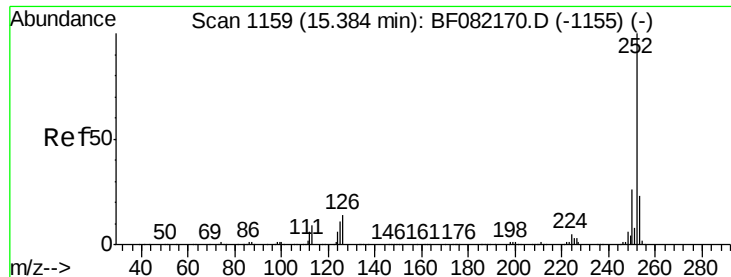
Tot Ion:252 Resp: 1348470
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 6.8 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 99.25 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.06 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:252 Resp: 1349345
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 6.8 6.7 10.1

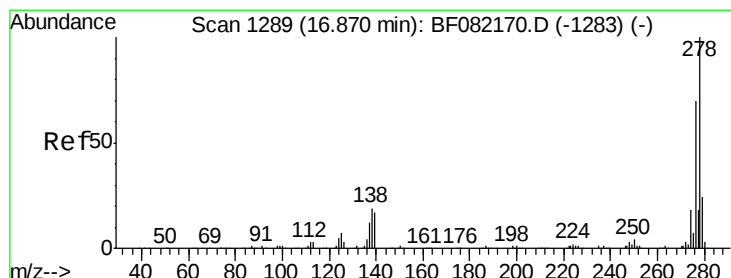
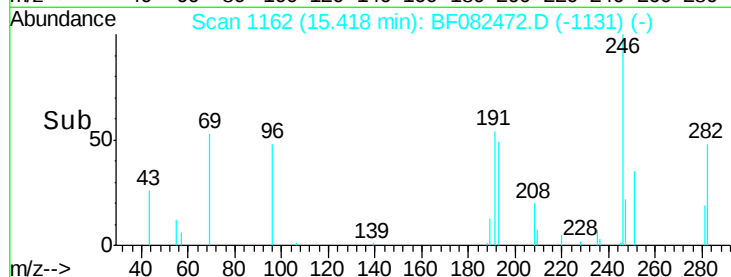
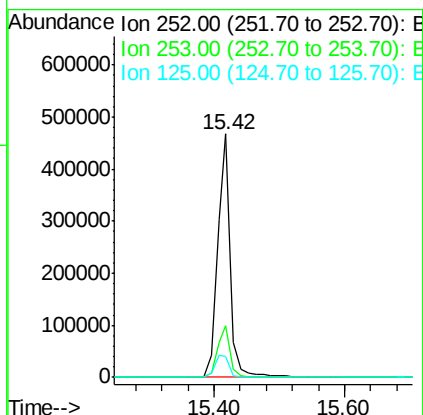
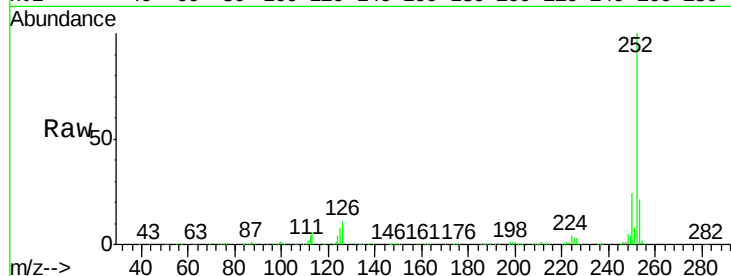




#89
Benzo(a)pyrene
Concen: 45.52 ng
RT: 15.42 min Scan# 1162
Delta R.T. 0.06 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

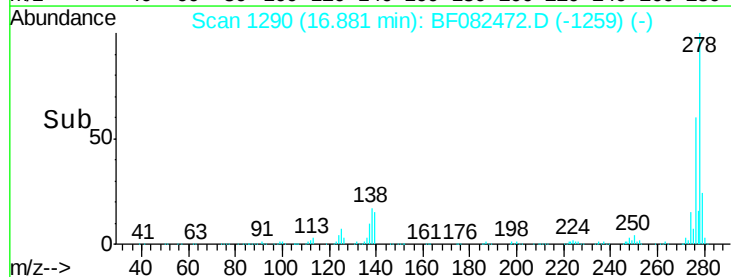
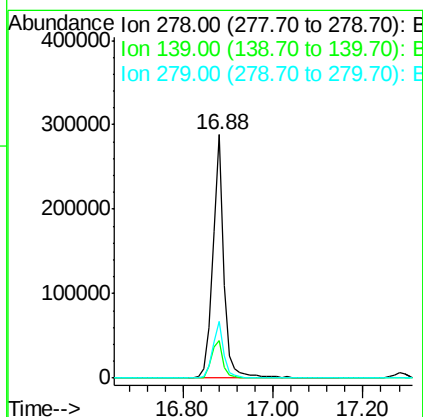
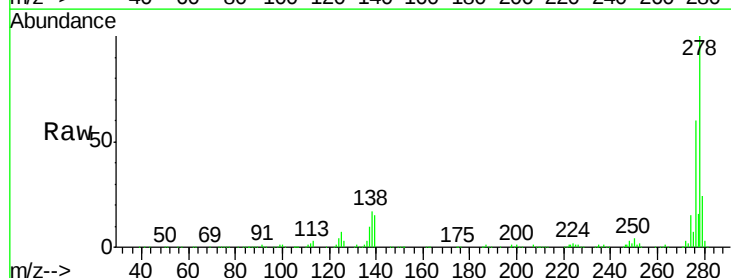
Instrument :
BNA_F
ClientSampleId :
PB86220BS

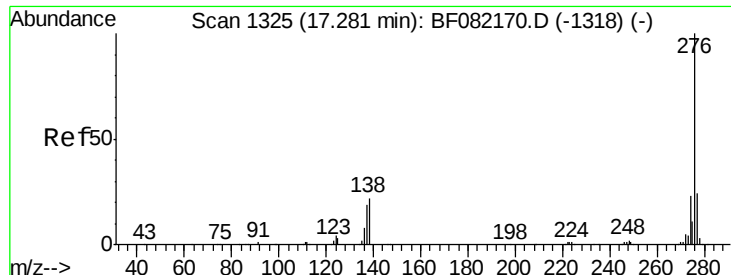
Tot Ion:252 Resp: 632753
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 8.5 8.9 13.3#



#90
Dibenzo(a,h)anthracene
Concen: 43.32 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.06 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion:278 Resp: 493473
Ion Ratio Lower Upper
278 100
139 15.5 13.3 19.9
279 23.5 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 43.17 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	23.4	17.4	26.2

