

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082422.D
 Acq On : 21 Oct 2015 23:49
 Operator : UM/IZ
 Sample : SSDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 22 11:05:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	452437	20.00	ng	0.15
21) Naphthalene-d8	8.06	136	649082	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	326994	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	617228	20.00	ng	0.00
75) Chrysene-d12	13.96	240	458429	20.00	ng	-0.06
86) Perylene-d12	15.41	264	354349	20.00	ng	-0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	687137	30.65	ng	0.00
7) Phenol-d6	6.42	99	827098	28.35	ng	0.00
23) Nitrobenzene-d5	7.35	82	743791	76.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	212372	69.25	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1374441	69.71	ng	0.00
78) Terphenyl-d14	12.89	244	1312783	75.88	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	155131	13.77	ng	96
3) Pyridine	2.99	79	407694	15.56	ng	97
4) n-Nitrosodimethylamine	2.97	42	167845	15.11	ng	93
6) Aniline	6.45	93	563988	14.99	ng	100
8) 2-Chlorophenol	6.56	128	402359	14.70	ng	94
9) Benzaldehyde	6.32	77	229768	15.42	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	370269	13.02	ng	95
12) 1,3-Dichlorobenzene	6.79	146	470811	14.77	ng	99
13) 1,4-Dichlorobenzene	6.95	146	393839	11.83	ng	96
14) 1,2-Dichlorobenzene	6.95	146	392845	12.43	ng	# 89
15) Benzyl Alcohol	6.93	79	284364	14.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	524012	13.23	ng	93
17) 2-Methylphenol	7.04	107	298024	13.77	ng	98
18) Hexachloroethane	7.28	117	160674	14.10	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	100889	4.92	ng	# 79
20) 3+4-Methylphenols	7.20	107	346313	13.43	ng	94
22) Acetophenone	7.20	105	528941	41.20	ng	92
24) Nitrobenzene	7.37	77	443204	42.36	ng	94
25) Isophorone	7.61	82	778453	39.90	ng	97
26) 2-Nitrophenol	7.68	139	206447	39.52	ng	# 81
27) 2,4-Dimethylphenol	7.73	122	322614	38.33	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	439154	38.69	ng	98
29) 2,4-Dichlorophenol	7.93	162	361439	42.96	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	374278	38.60	ng	97
31) Naphthalene	8.08	128	1031560	36.66	ng	99
32) Benzoic acid	7.87	122	176085	31.17	ng	97
33) 4-Chloroaniline	8.15	127	469427	40.17	ng	# 93
34) Hexachlorobutadiene	8.19	225	211547	35.01	ng	100
35) Caprolactam	8.55	113	104236	42.69	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	330297	40.15	ng	97
37) 2-Methylnaphthalene	8.78	142	780614	40.02	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	372468	38.30	ng	97
40) Hexachlorocyclopentadiene	8.93	237	141168	34.01	ng	99
42) 2,4,6-Trichlorophenol	9.06	196	256718	39.74	ng	99

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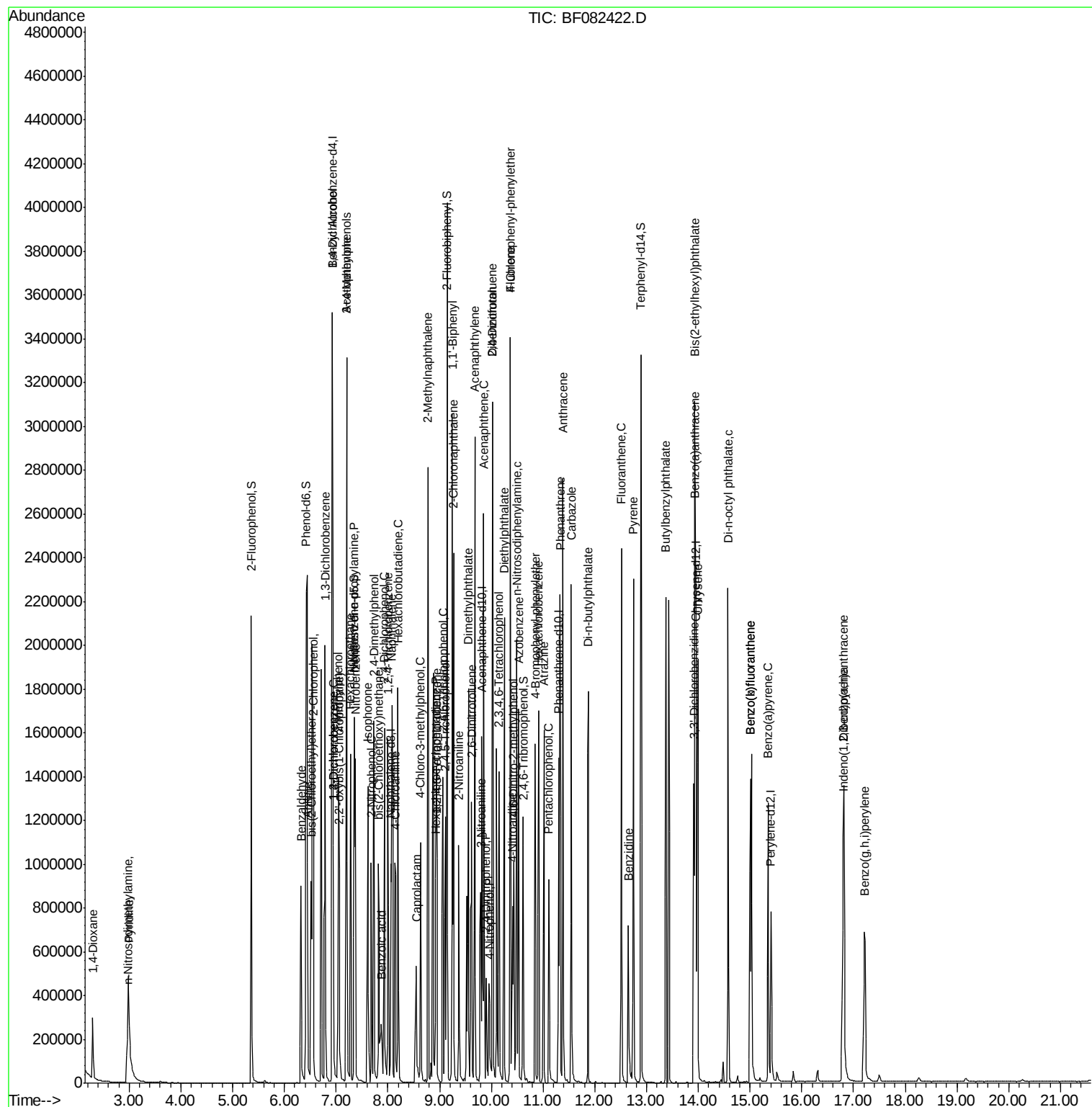
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	269399	38.50	nq	97
45) 1,1'-Biphenyl	9.25	154	950678	38.13	nq	96
46) 2-Chloronaphthalene	9.27	162	732685	37.33	nq	95
47) 2-Nitroaniline	9.37	65	210288	39.02	nq	87
48) Acenaphthylene	9.68	152	1051386	34.38	nq	99
49) Dimethylphthalate	9.55	163	854952	37.13	nq	100
50) 2,6-Dinitrotoluene	9.62	165	217152	44.69	nq	92
51) Acenaphthene	9.85	154	612697	33.38	nq	99
52) 3-Nitroaniline	9.79	138	227497	41.45	nq	94
53) 2,4-Dinitrophenol	9.90	184	80085	33.54	nq	98
54) Dibenzofuran	10.02	168	874540	34.70	nq	96
55) 4-Nitrophenol	9.97	139	111888	37.30	nq	90
56) 2,4-Dinitrotoluene	10.02	165	243435	40.09	nq	# 90
57) Fluorene	10.37	166	713023	34.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	211952	37.07	nq	99
59) Diethylphthalate	10.25	149	897379	41.81	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	380262	40.10	nq	# 80
61) 4-Nitroaniline	10.41	138	212477	39.92	nq	95
62) Azobenzene	10.53	77	832876	39.65	nq	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	142342	41.09	nq	84
65) n-Nitrosodiphenylamine	10.49	169	754839	40.85	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	228813	37.04	nq	# 86
67) Hexachlorobenzene	10.91	284	255097	38.18	nq	# 84
68) Atrazine	11.02	200	218852	37.38	nq	100
69) Pentachlorophenol	11.11	266	122379	35.60	nq	97
70) Phenanthrene	11.33	178	1105576	36.54	nq	99
71) Anthracene	11.38	178	1195244	38.34	nq	98
72) Carbazole	11.54	167	1075076	37.80	nq	98
73) Di-n-butylphthalate	11.88	149	1374618	39.18	nq	99
74) Fluoranthene	12.52	202	1129447	34.76	nq	97
76) Benzidine	12.65	184	523107	39.38	nq	99
77) Pyrene	12.74	202	1131726	41.60	nq	99
79) Butylbenzylphthalate	13.37	149	581239	46.82	nq	92
80) Benzo(a)anthracene	13.94	228	932567	39.10	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	341240	37.69	nq	# 99
82) Chrysene	13.99	228	978787	38.94	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	727599	41.08	nq	# 99
84) Di-n-octyl phthalate	14.57	149	1152437	37.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	790952	39.59	nq	99
87) Benzo(b)fluoranthene	15.01	252	811850	37.66	nq	98
88) Benzo(k)fluoranthene	15.01	252	811850	44.80	nq	99
89) Benzo(a)pyrene	15.35	252	696080	37.57	nq	100
90) Dibenzo(a,h)anthracene	16.81	278	656593	43.25	nq	99
91) Benzo(g,h,i)perylene	17.22	276	645084	43.74	nq	97

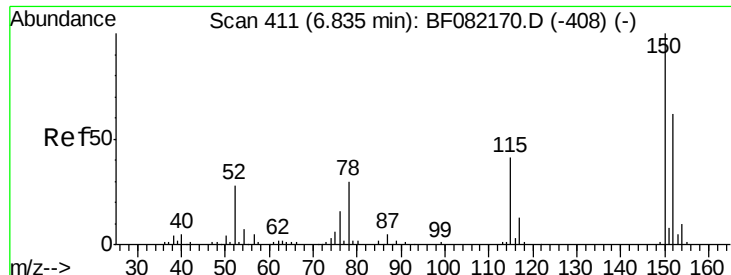
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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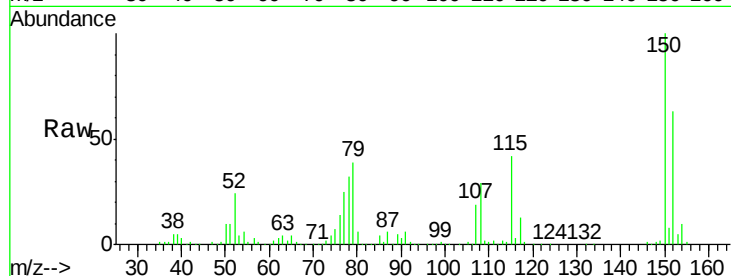


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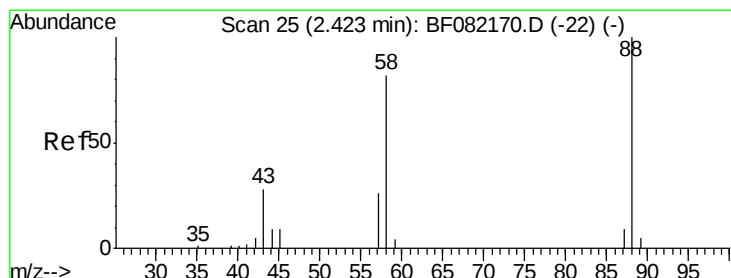
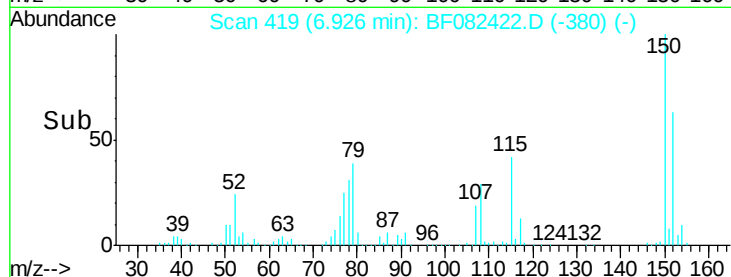
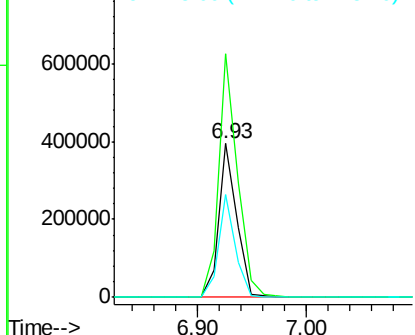
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. 0.15 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 452437
Ion Ratio Lower Upper
152 100
150 158.5 129.0 193.4
115 66.7 52.1 78.1



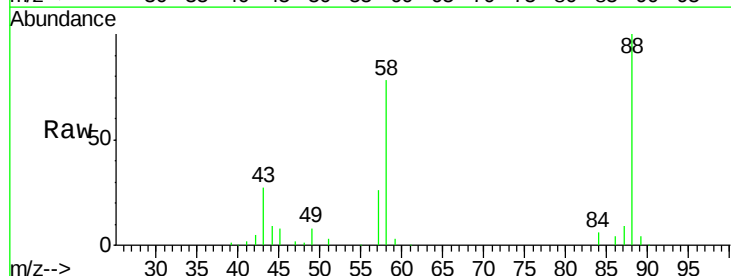
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



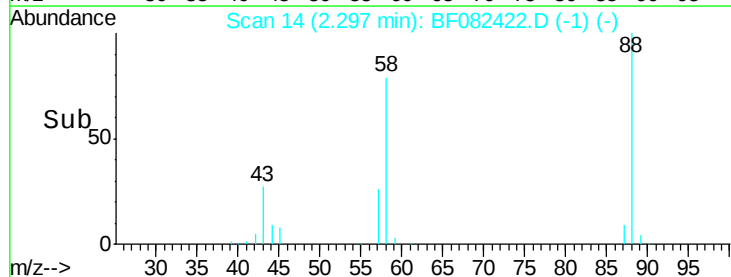
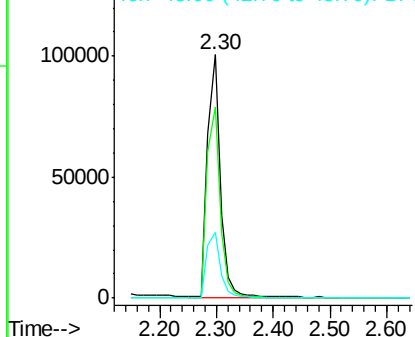
#2

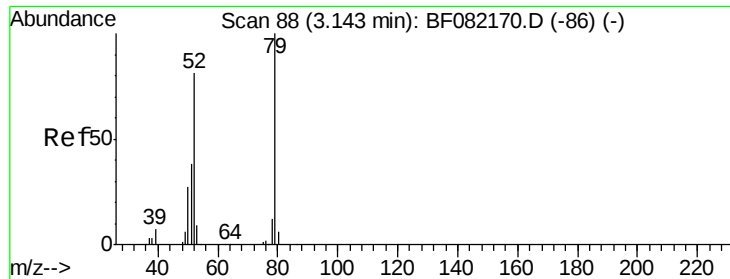
1,4-Dioxane
Concen: 13.77 ng
RT: 2.30 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion: 88 Resp: 155131
Ion Ratio Lower Upper
88 100
58 78.8 66.2 99.4
43 28.1 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: 15.56 ng

RT: 2.99 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

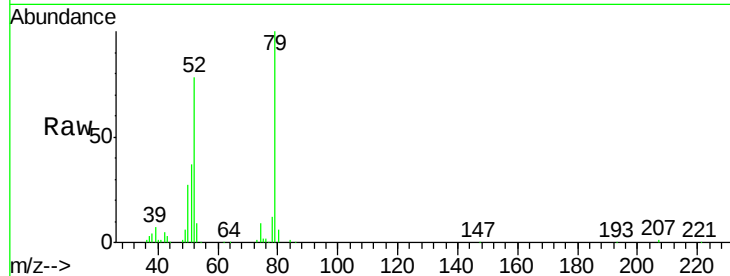
Tot Ion: 79 Resp: 407694

Ion Ratio Lower Upper

79 100

52 77.8 64.4 96.6

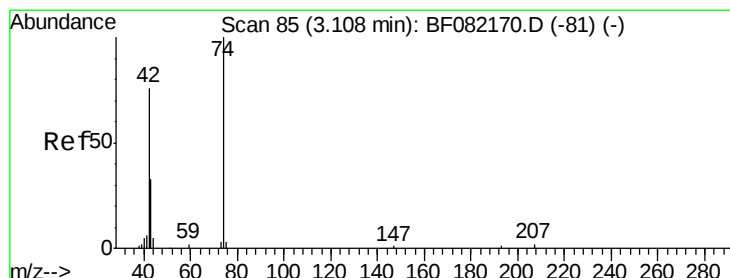
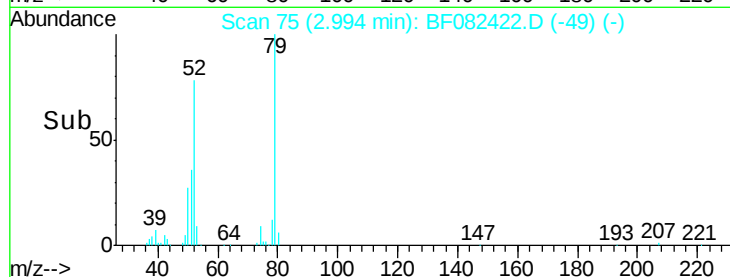
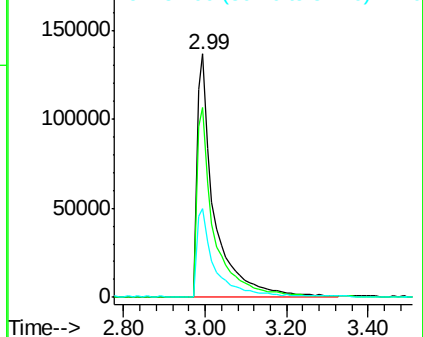
51 36.6 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 15.11 ng

RT: 2.97 min Scan# 73

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

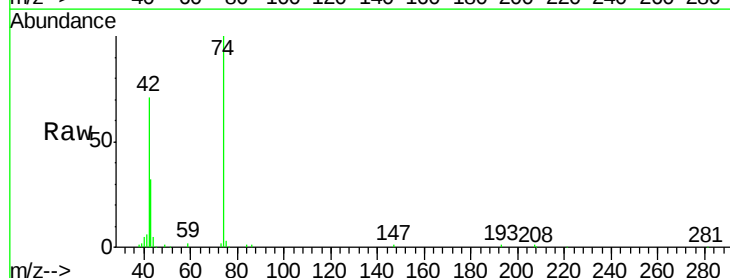
Tgt Ion: 42 Resp: 167845

Ion Ratio Lower Upper

42 100

74 140.9 105.7 158.5

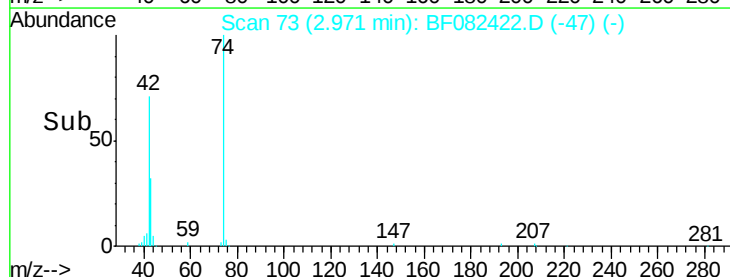
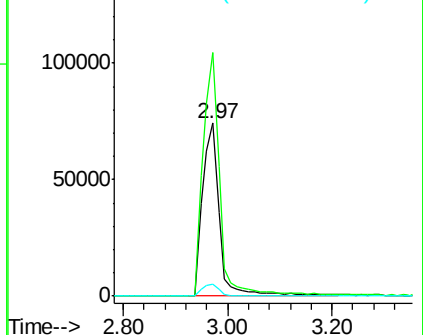
44 7.1 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 30.65 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF082422.D

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Instrument :

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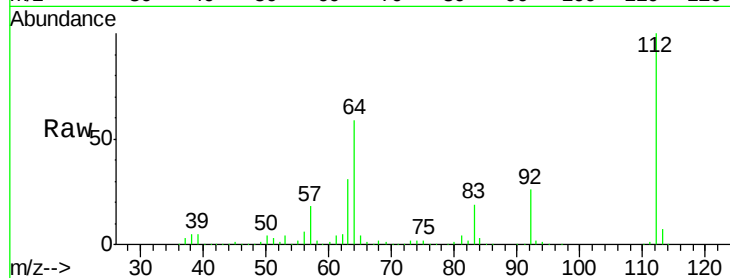
Tot Ion:112 Resp: 687137

Ion Ratio Lower Upper

112 100

64 59.0 48.6 73.0

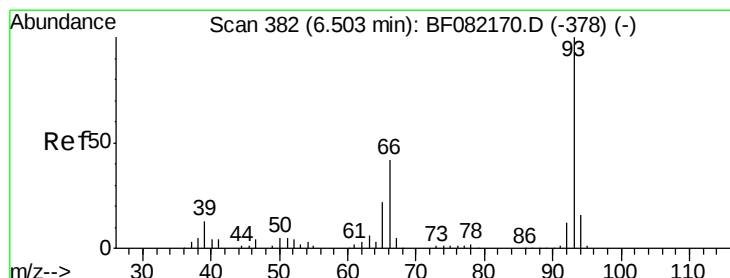
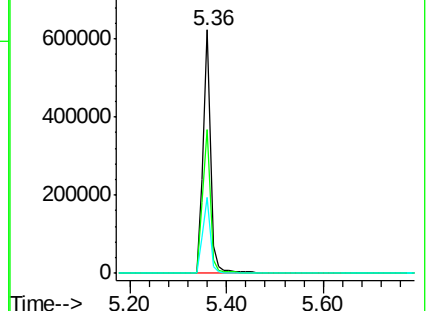
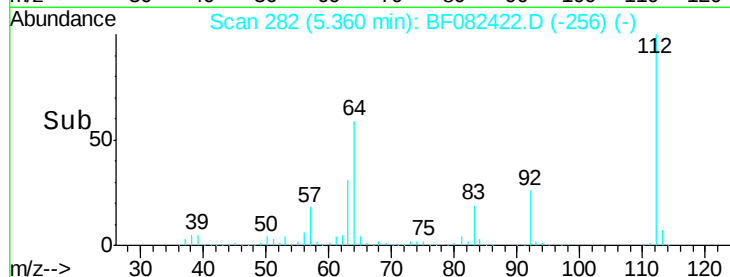
63 31.1 25.1 37.7



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: 14.99 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

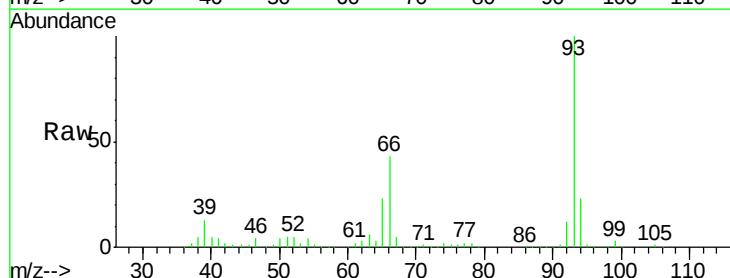
Tgt Ion: 93 Resp: 563988

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

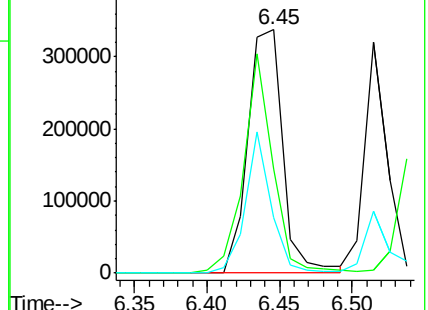
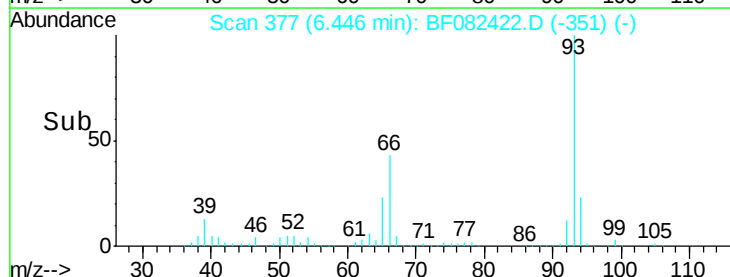
65 22.6 17.9 26.9



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: 28.35 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

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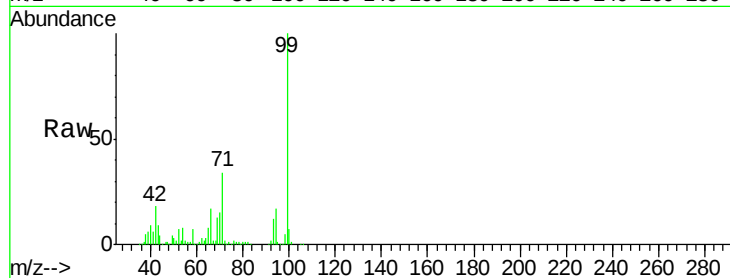
Tot Ion: 99 Resp: 827098

Ion Ratio Lower Upper

99 100

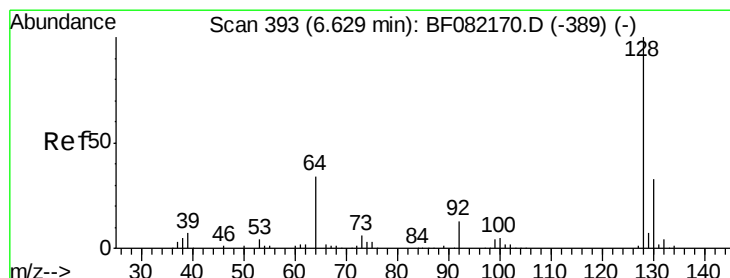
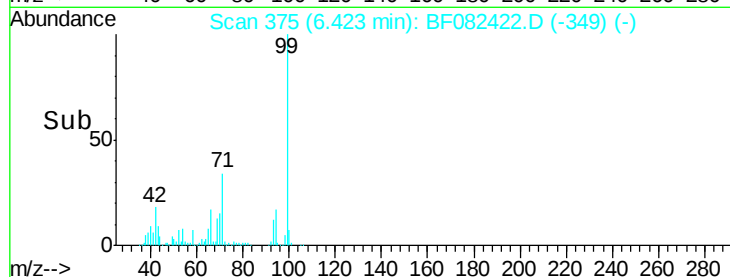
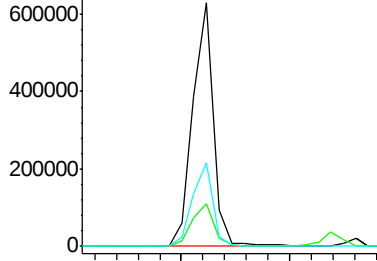
42 17.6 13.2 19.8

71 34.1 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

6.42



#8

2-Chlorophenol

Concen: 14.70 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

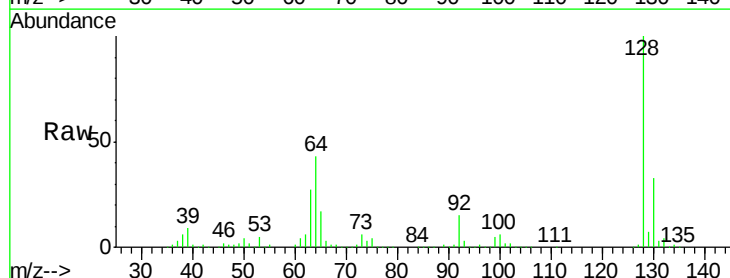
Tgt Ion: 128 Resp: 402359

Ion Ratio Lower Upper

128 100

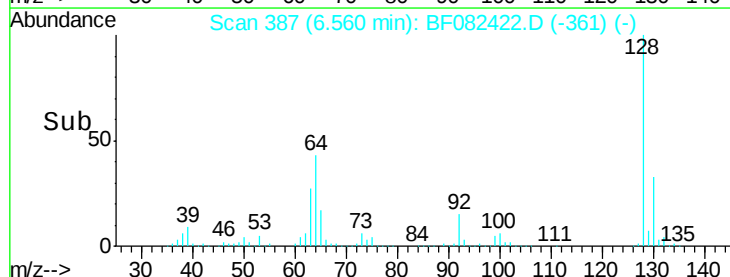
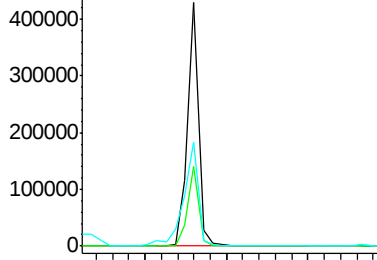
130 32.6 12.6 52.6

64 42.8 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

6.56





#9

Benzaldehyde

Concen: 15.42 ng

RT: 6.32 min Scan# 366

Delta R.T. 0.00 min

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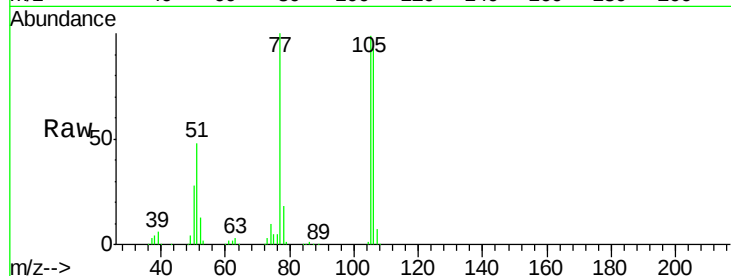
Tot Ion: 77 Resp: 229768

Ion Ratio Lower Upper

77 100

105 99.4 80.6 120.6

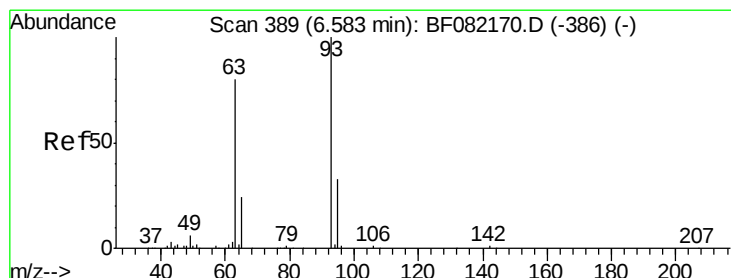
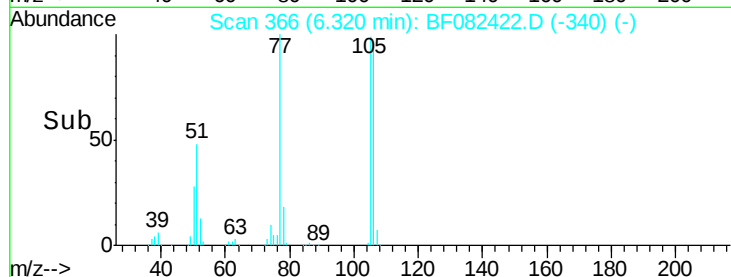
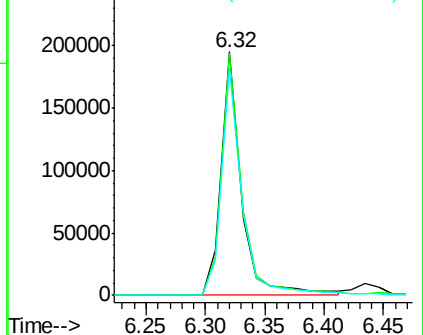
106 93.2 75.5 115.5



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



#11

bis(2-Chloroethyl)ether

Concen: 13.02 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

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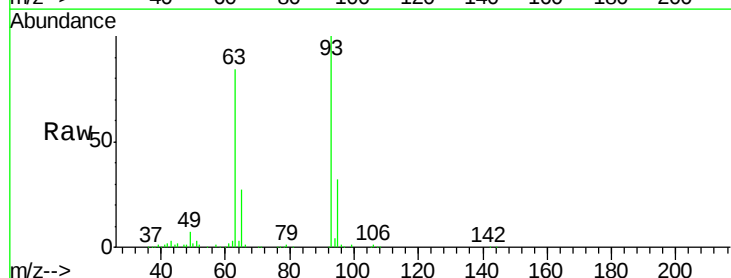
Tgt Ion: 93 Resp: 370269

Ion Ratio Lower Upper

93 100

63 83.8 57.1 97.1

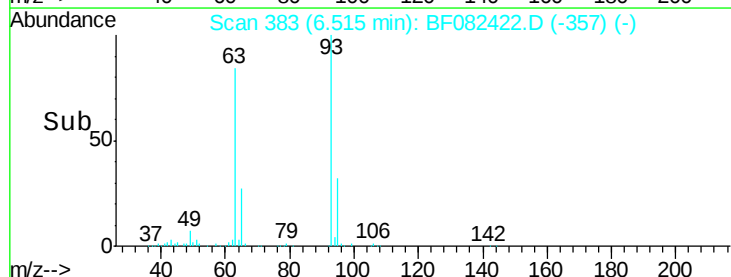
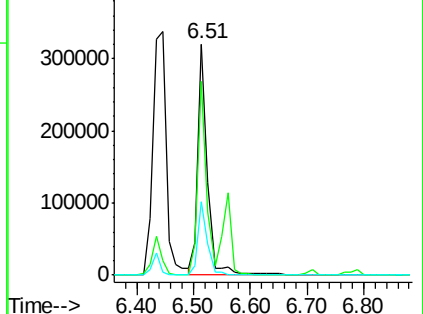
95 31.9 11.9 51.9

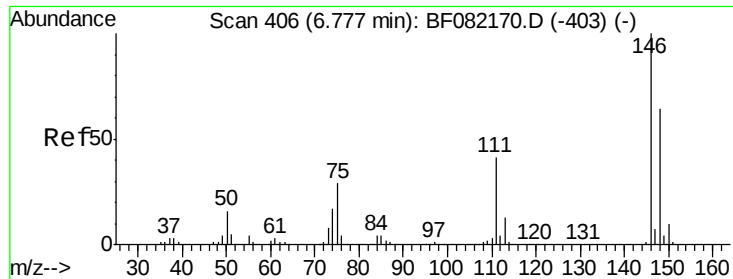


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

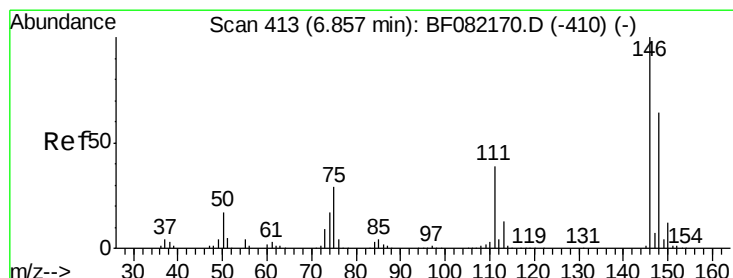
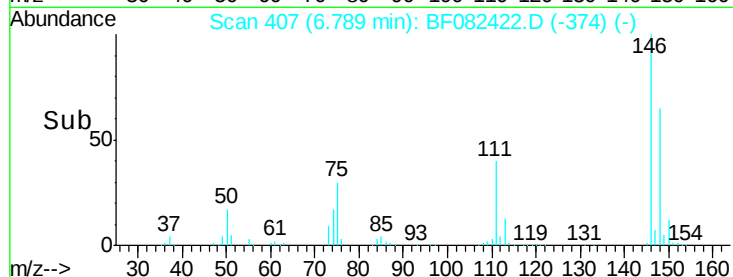
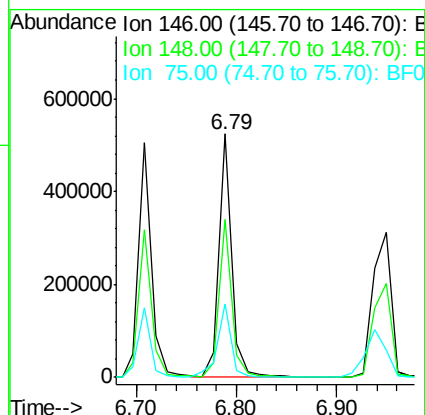
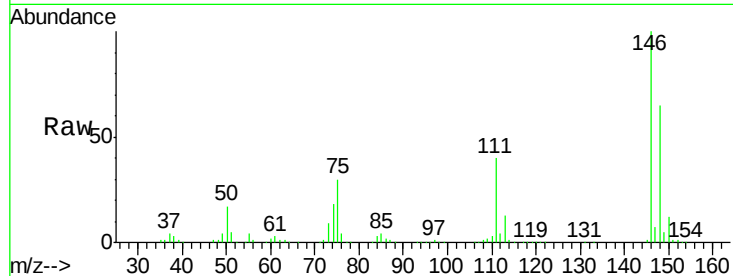




#12
 1,3-Dichlorobenzene
 Concen: 14.77 ng
 RT: 6.79 min Scan# 407
 Delta R.T. 0.08 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

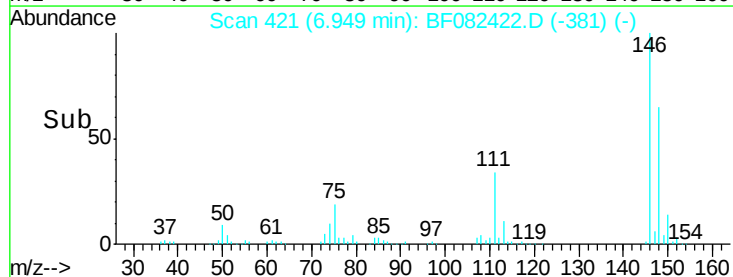
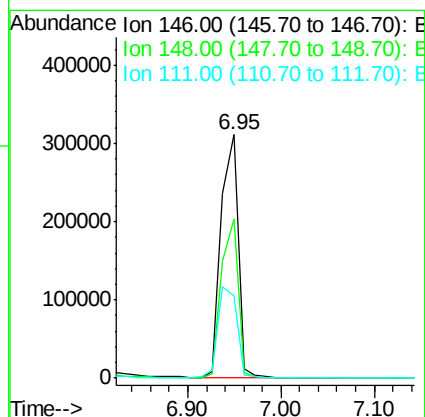
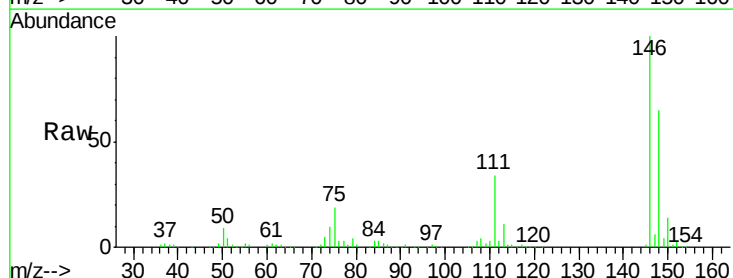
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

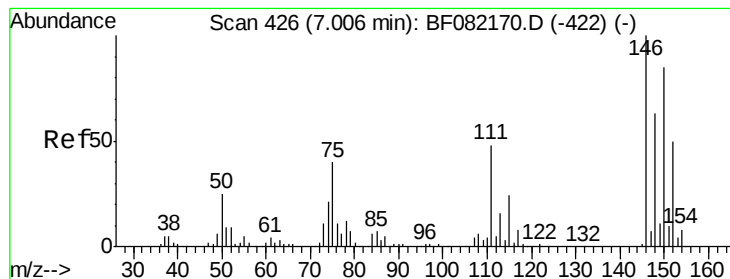
Tot Ion:146 Resp: 470811
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 75 29.9 23.0 34.6



#13
 1,4-Dichlorobenzene
 Concen: 11.83 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.16 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Tgt Ion:146 Resp: 393839
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.4
 111 34.0 31.1 46.7





#14

1,2-Dichlorobenzene

Concen: 12.43 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

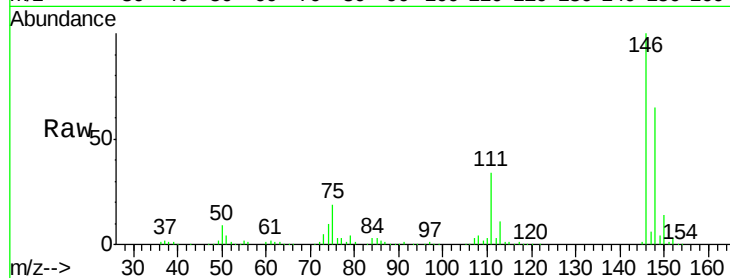
Tot Ion:146 Resp: 392845

Ion Ratio Lower Upper

146 100

148 65.2 50.5 75.7

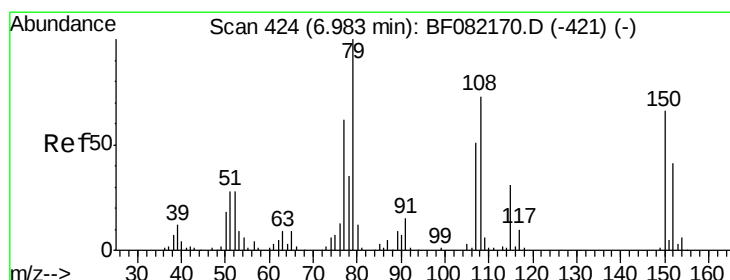
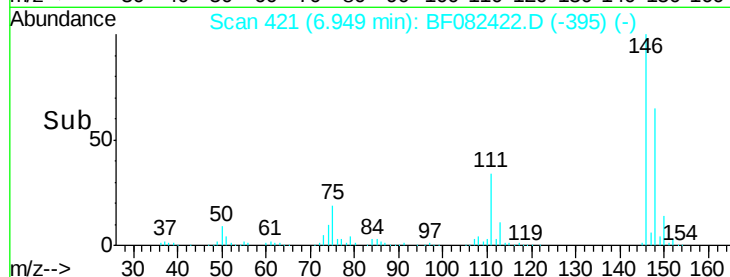
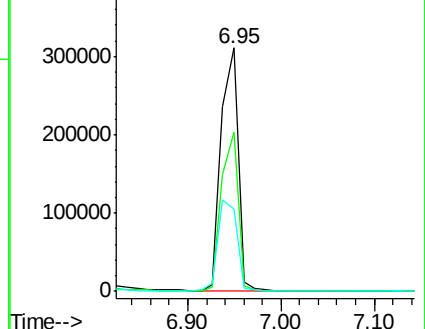
111 34.0 38.5 57.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 14.12 ng

RT: 6.93 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

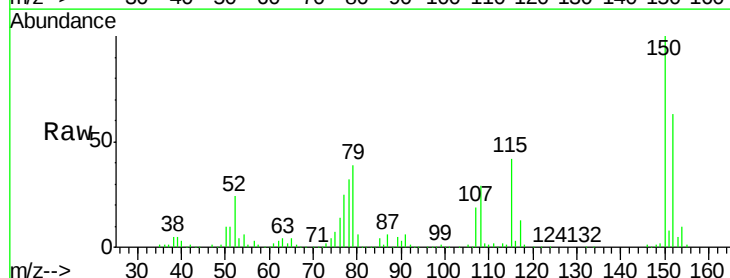
Tgt Ion: 79 Resp: 284364

Ion Ratio Lower Upper

79 100

108 74.1 58.4 87.6

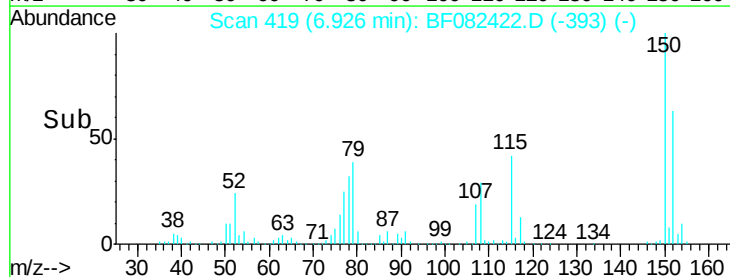
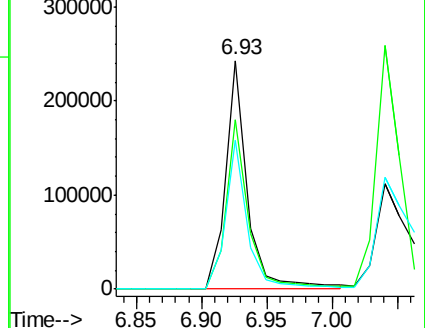
77 64.9 49.8 74.6

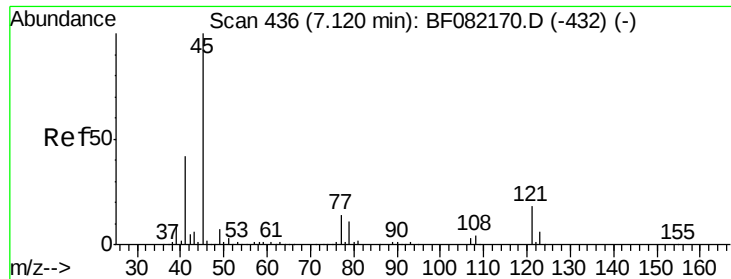


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

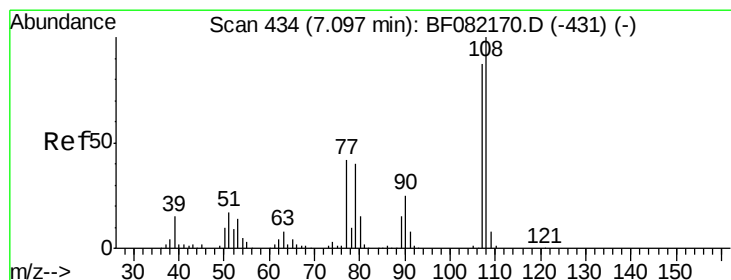
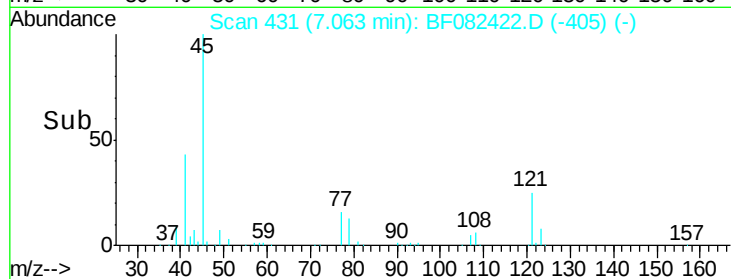
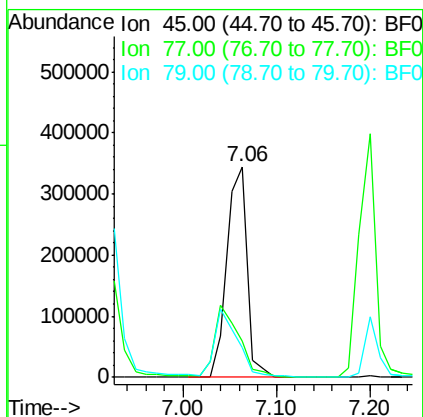
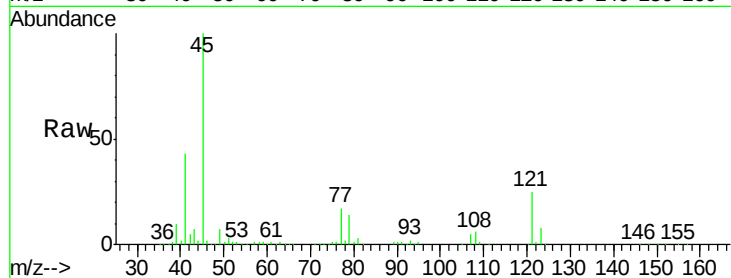




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.23 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

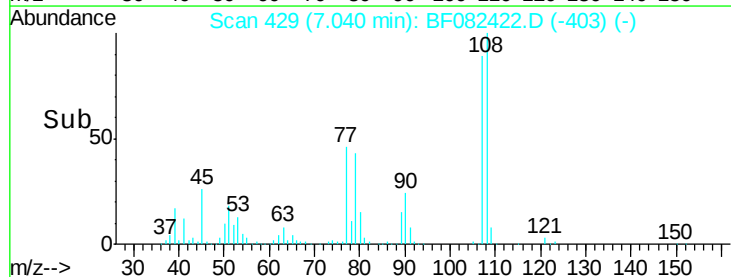
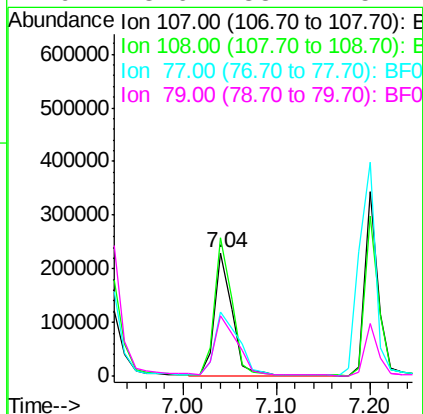
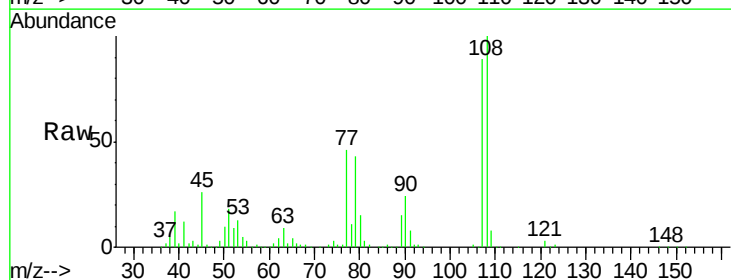
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

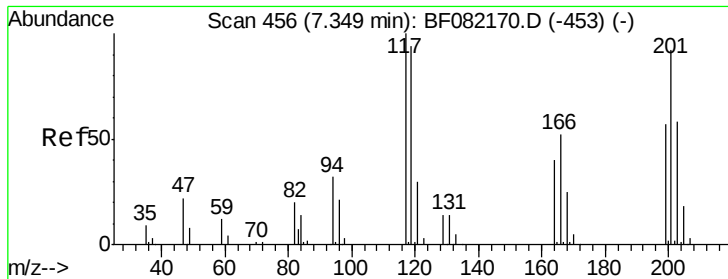
Tot Ion: 45 Resp: 524012
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.5
79 14.1 0.0 31.6



#17
2-Methylphenol
Concen: 13.77 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion: 107 Resp: 298024
Ion Ratio Lower Upper
107 100
108 112.9 92.2 138.2
77 51.7 39.6 59.4
79 48.6 38.2 57.4

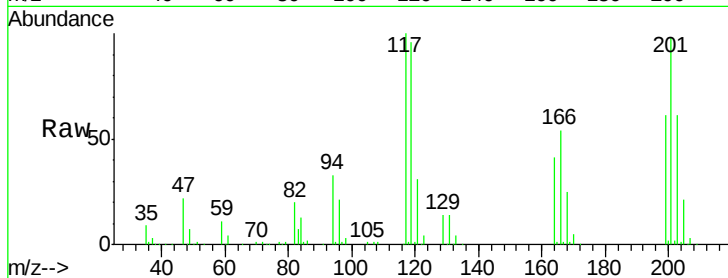




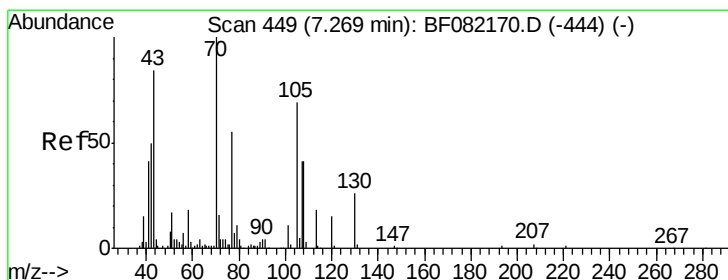
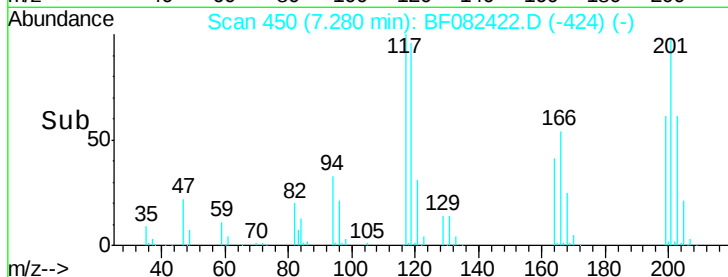
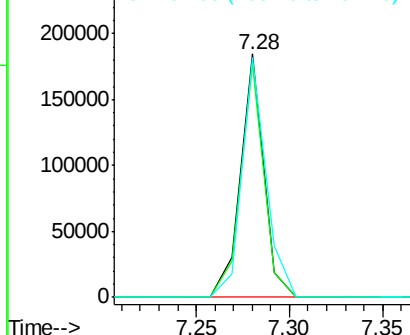
#18
Hexachloroethane
Concen: 14.10 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:117 Resp: 160674
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.2
201 98.4 73.4 110.0

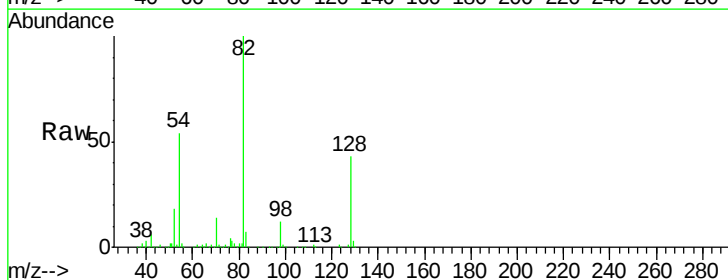


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

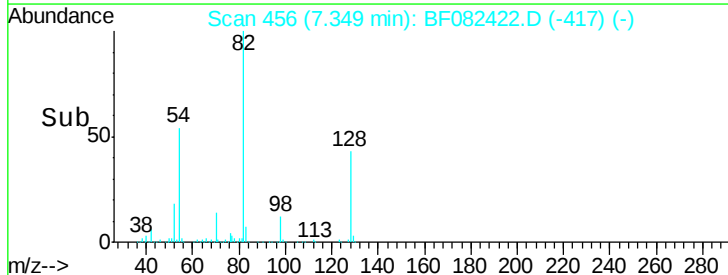
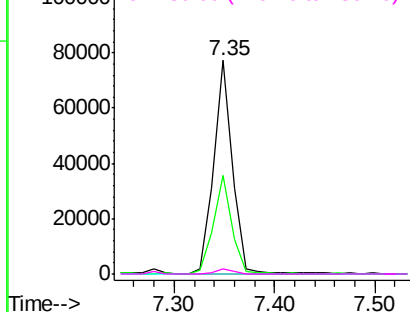


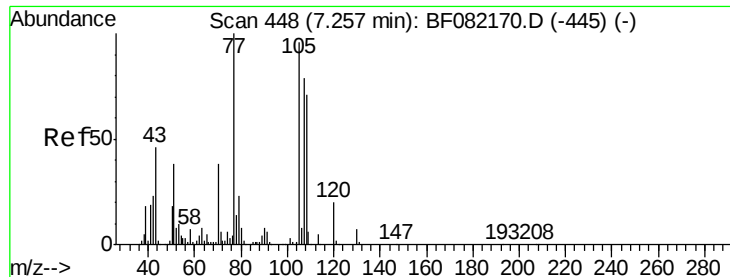
#19
n-Nitroso-di-n-propylamine
Concen: 4.92 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion: 70 Resp: 100889
Ion Ratio Lower Upper
70 100
42 45.9 39.8 59.8
101 0.0 8.6 13.0#
130 2.3 20.5 30.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.43 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 346313

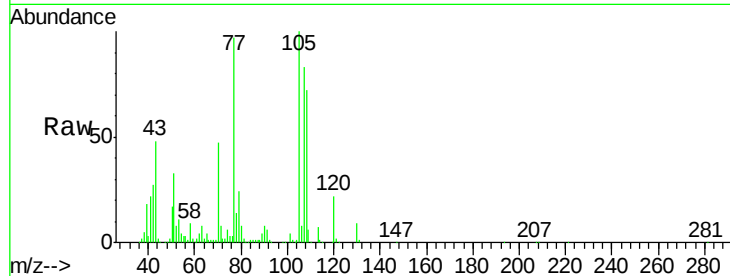
Ion Ratio Lower Upper

107 100

108 86.6 69.9 109.9

77 115.7 106.0 146.0

79 28.5 9.8 49.8

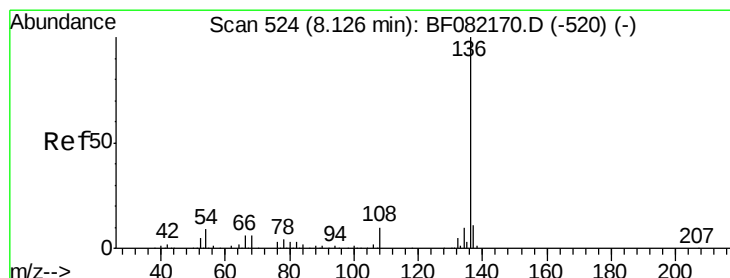
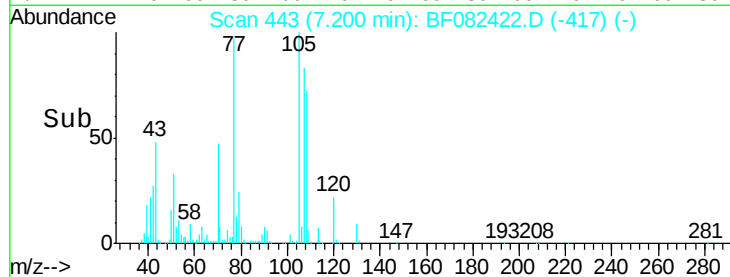
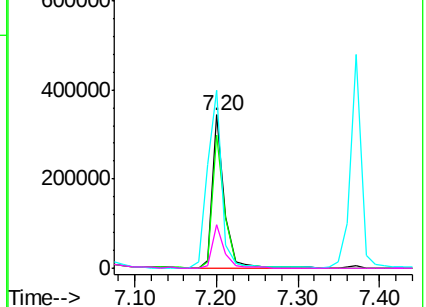


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Tgt Ion:136 Resp: 649082

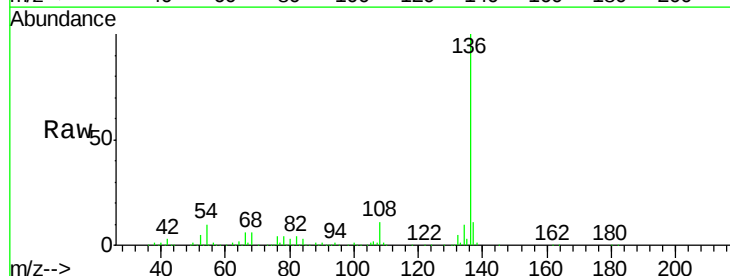
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.2 7.5 11.3

68 6.3 4.6 7.0

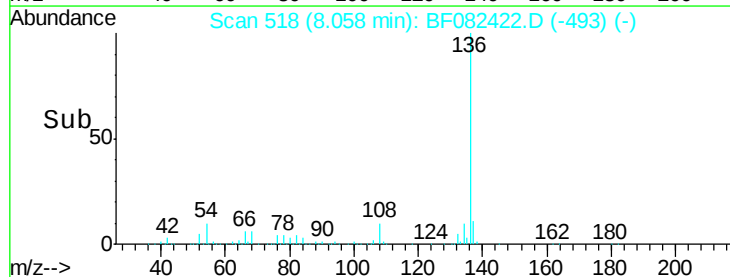
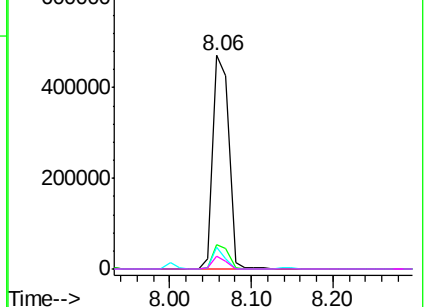


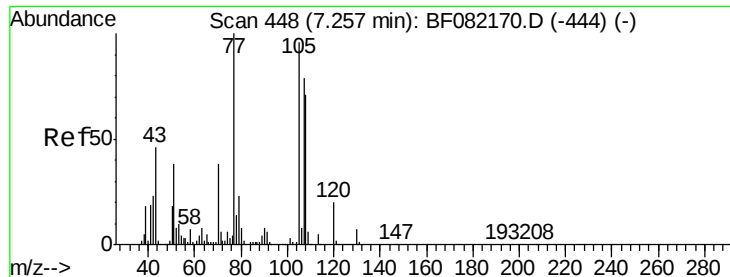
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.20 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:105 Resp: 528941

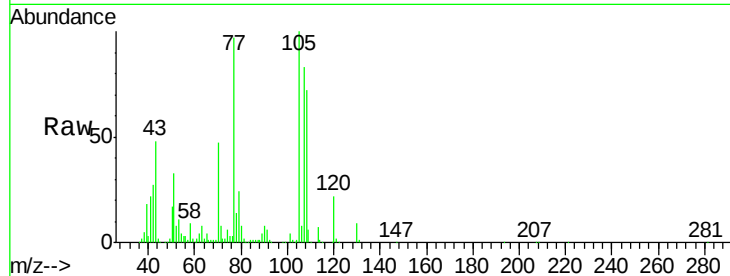
Ion Ratio Lower Upper

105 100

71 7.9 5.4 8.0

51 33.2 31.8 47.6

120 21.7 16.3 24.5

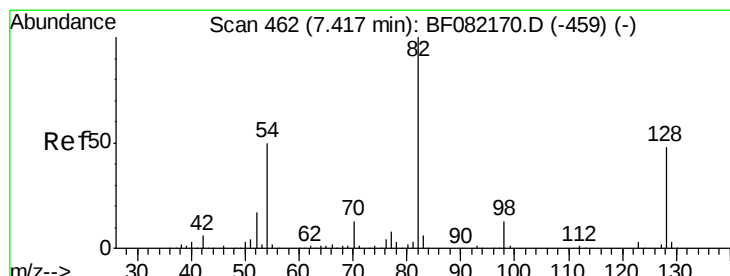
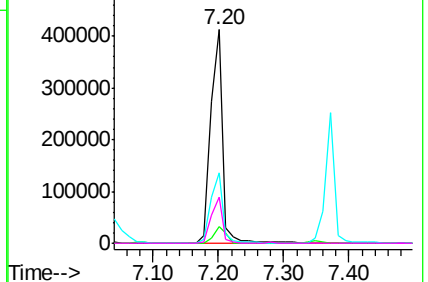
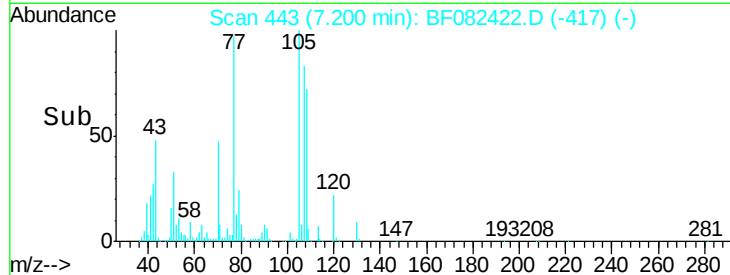


Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.95 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

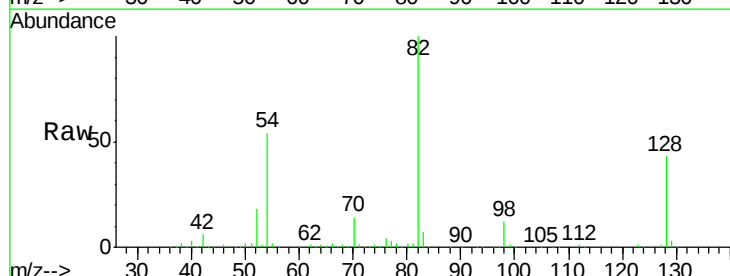
Tgt Ion: 82 Resp: 743791

Ion Ratio Lower Upper

82 100

128 43.2 38.7 58.1

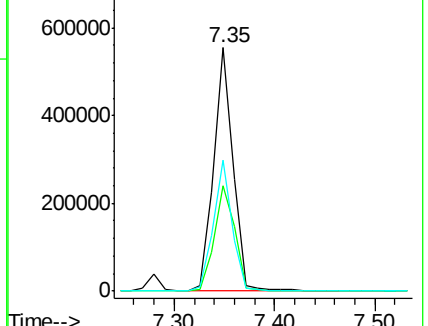
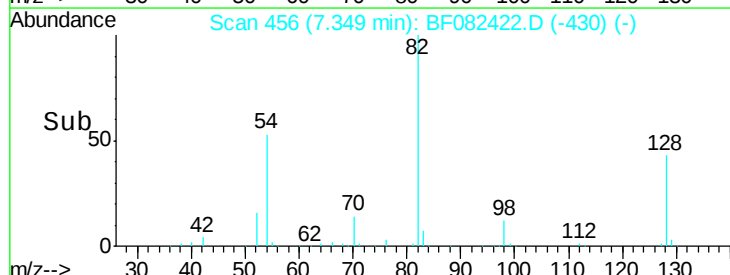
54 53.9 40.1 60.1

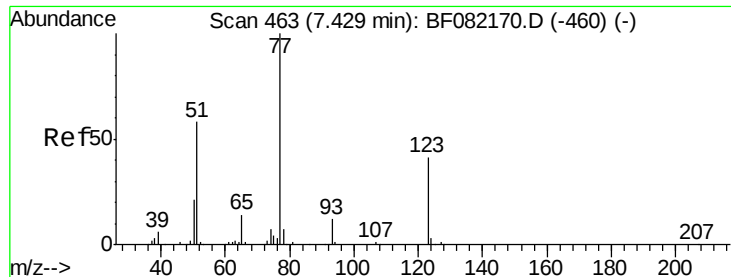


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

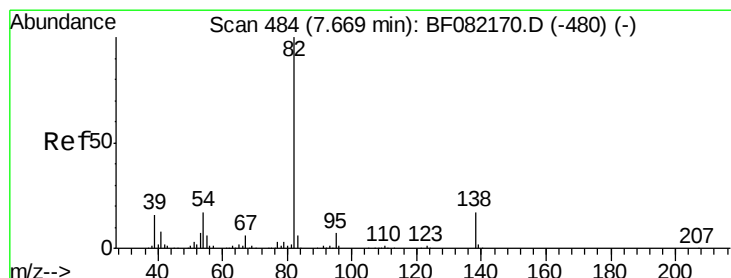
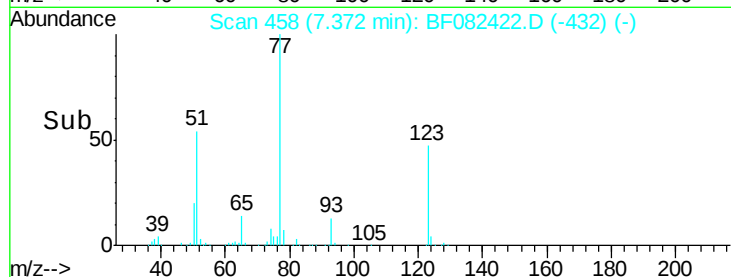
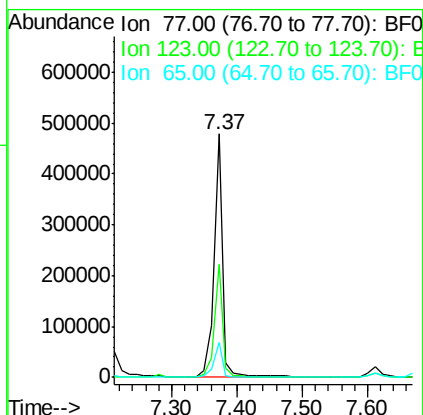
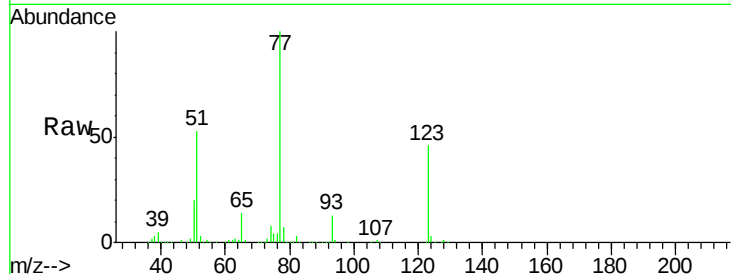




#24
 Nitrobenzene
 Concen: 42.36 ng
 RT: 7.37 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

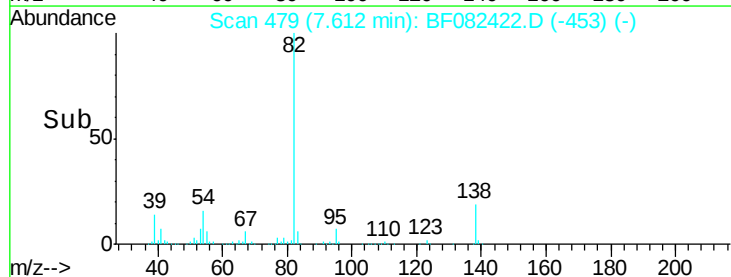
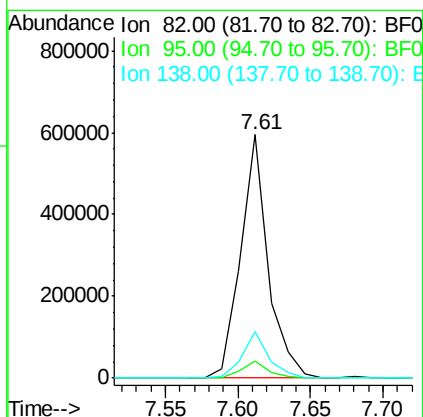
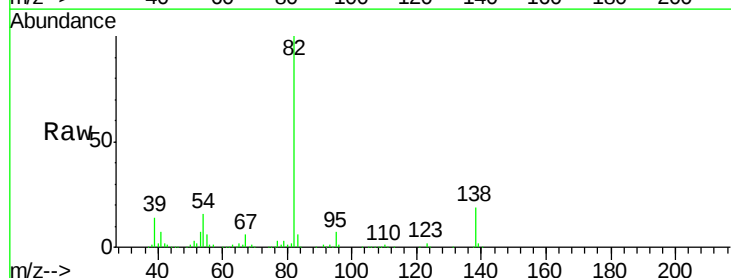
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

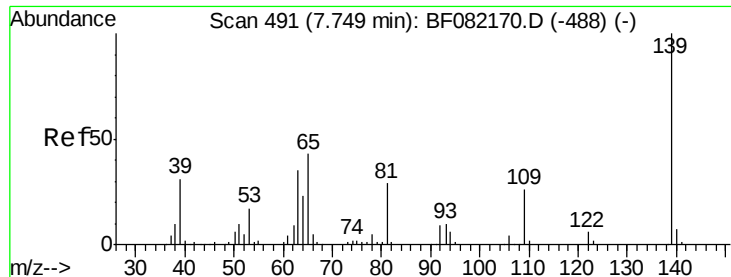
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	14.2	11.2	16.8



#25
 Isophorone
 Concen: 39.90 ng
 RT: 7.61 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	13.6	20.4

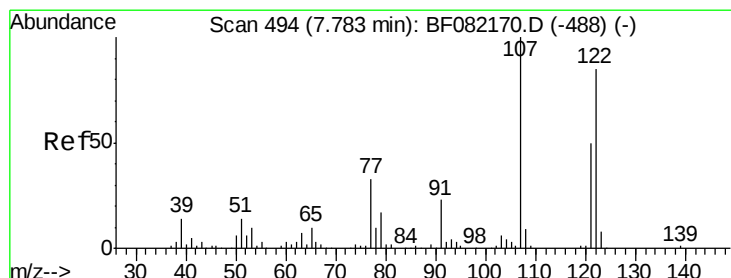
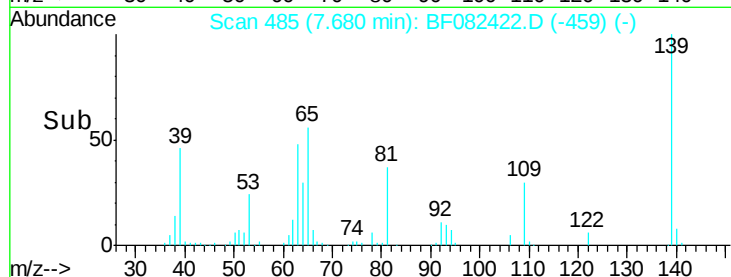
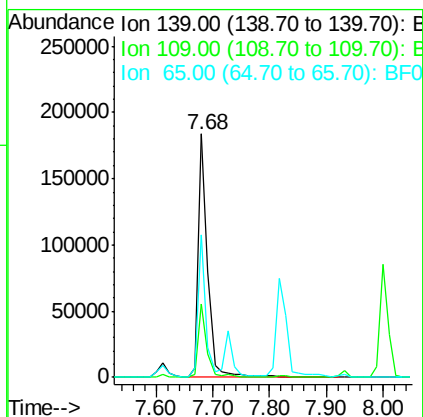
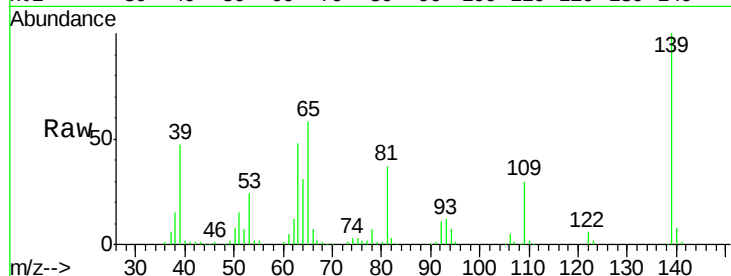




#26
2-Nitrophenol
Concen: 39.52 ng
RT: 7.68 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

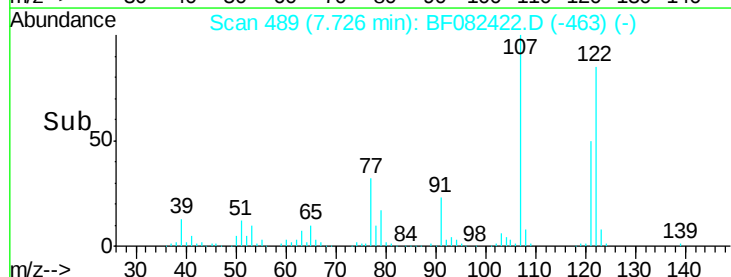
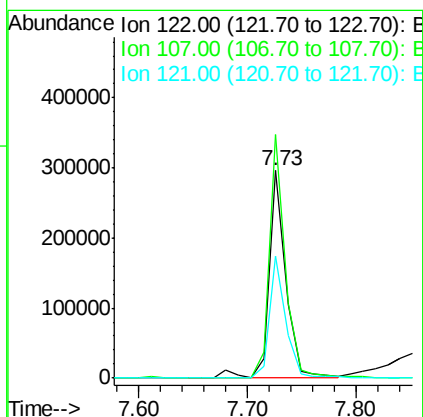
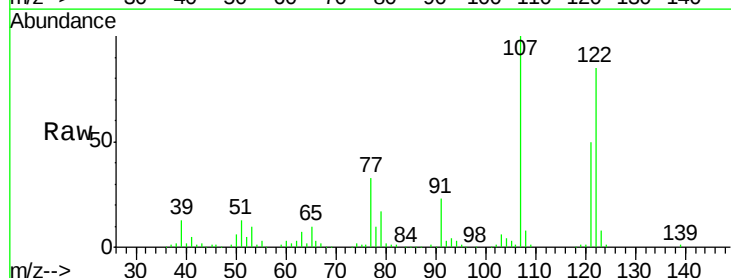
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

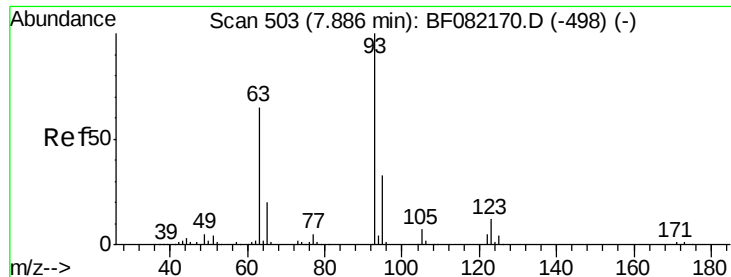
Tot Ion:139 Resp: 206447
Ion Ratio Lower Upper
139 100
109 30.4 20.6 31.0
65 58.4 34.3 51.5#



#27
2,4-Dimethylphenol
Concen: 38.33 ng
RT: 7.73 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:122 Resp: 322614
Ion Ratio Lower Upper
122 100
107 117.2 94.0 141.0
121 58.8 46.8 70.2

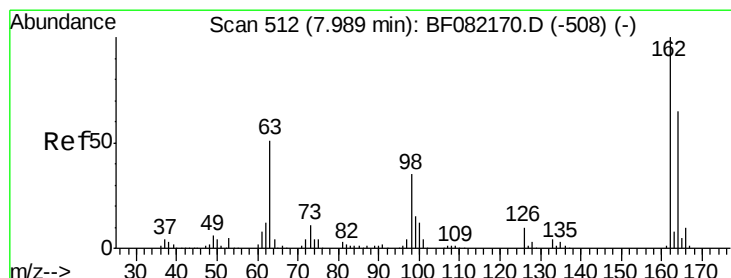
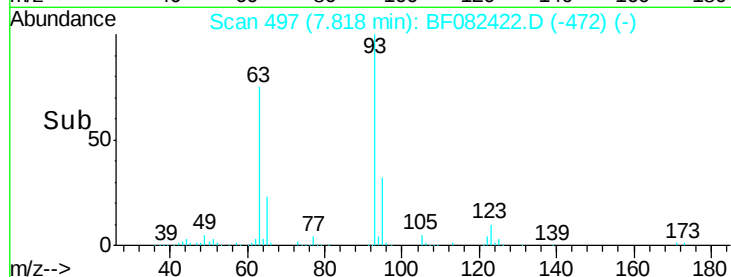
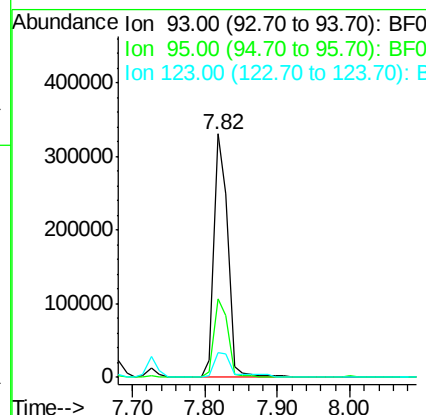
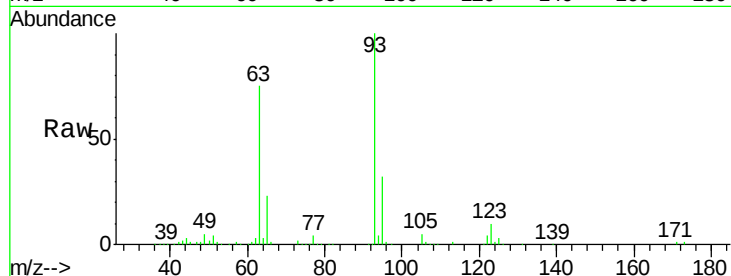




#28
bis(2-Chloroethoxy)methane
Concen: 38.69 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

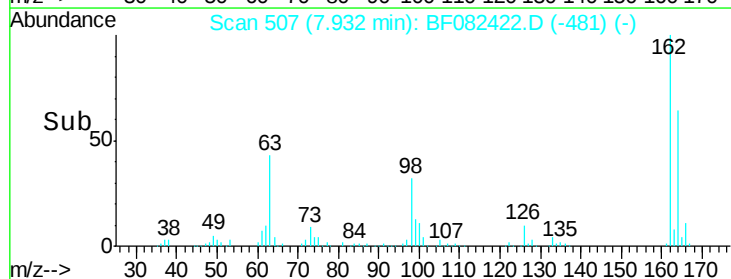
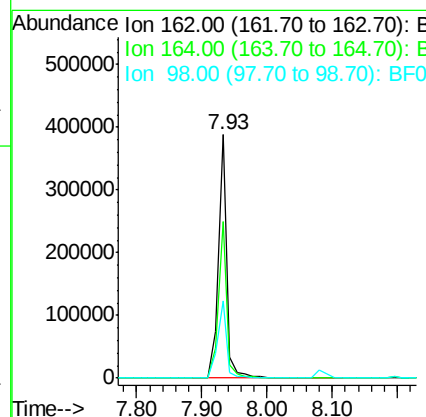
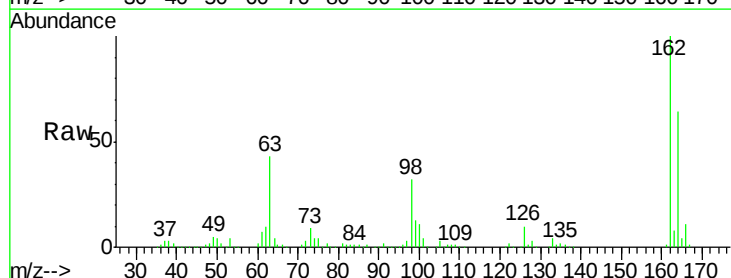
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

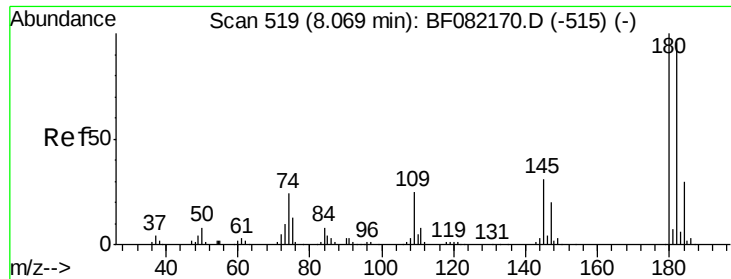
Tot Ion: 93 Resp: 439154
Ion Ratio Lower Upper
93 100
95 32.3 26.6 39.8
123 10.2 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 42.96 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion: 162 Resp: 361439
Ion Ratio Lower Upper
162 100
164 64.3 44.6 84.6
98 31.8 15.0 55.0

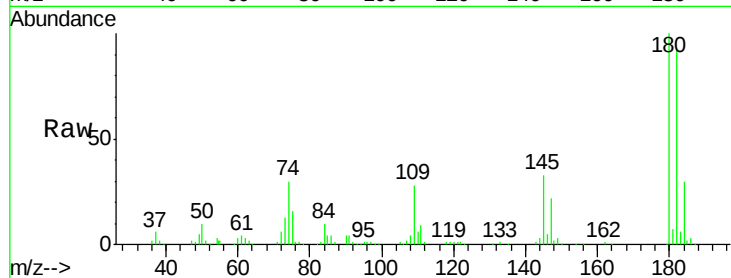




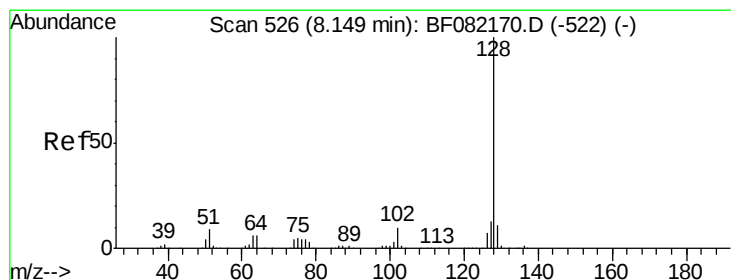
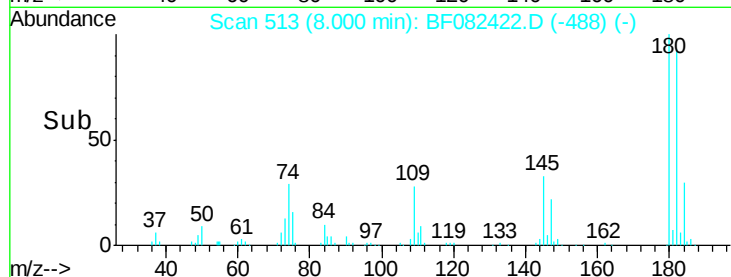
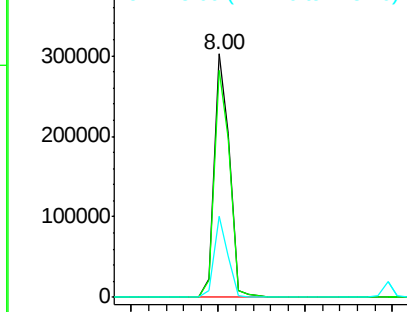
#30
1,2,4-Trichlorobenzene
Concen: 38.60 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:180 Resp: 374278
Ion Ratio Lower Upper
180 100
182 93.0 77.0 115.4
145 33.3 25.0 37.4

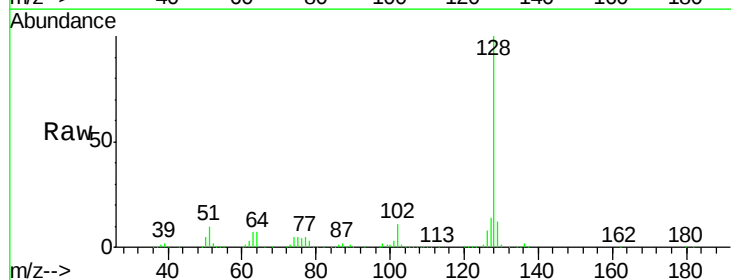


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

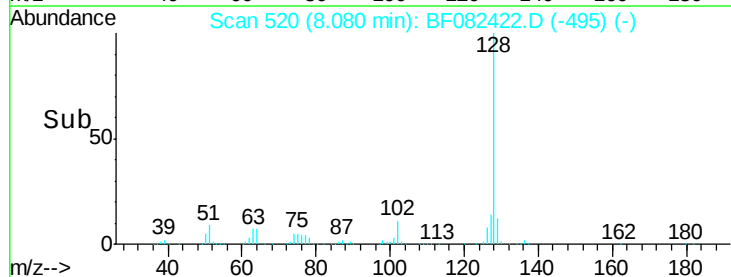
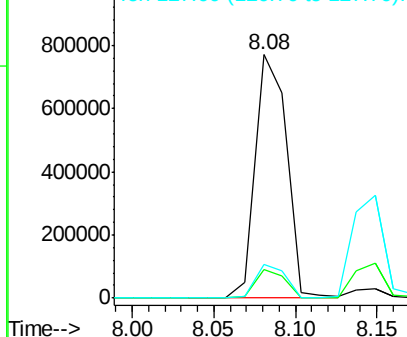


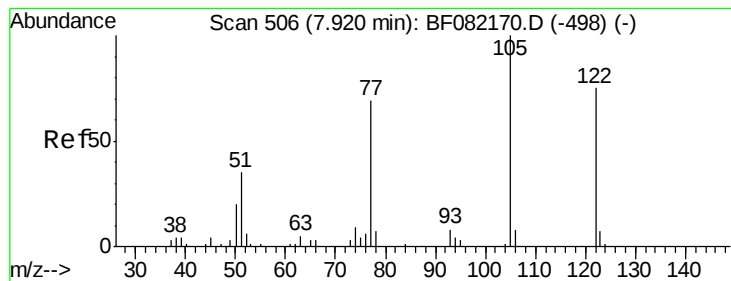
#31
Naphthalene
Concen: 36.66 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:128 Resp: 1031560
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 31.17 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

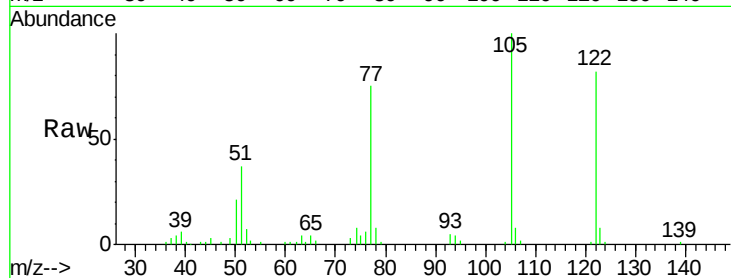
Tot Ion:122 Resp: 176085

Ion Ratio Lower Upper

122 100

105 121.3 104.4 144.4

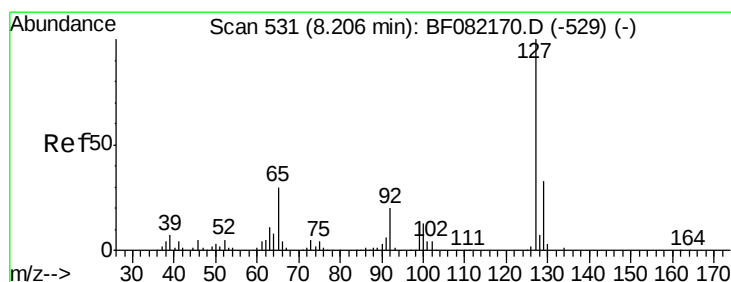
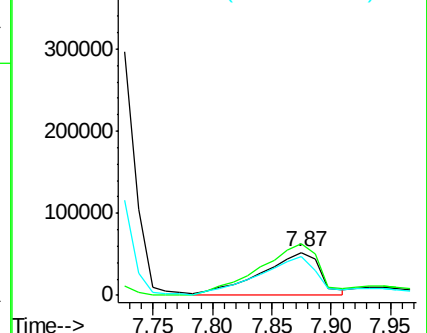
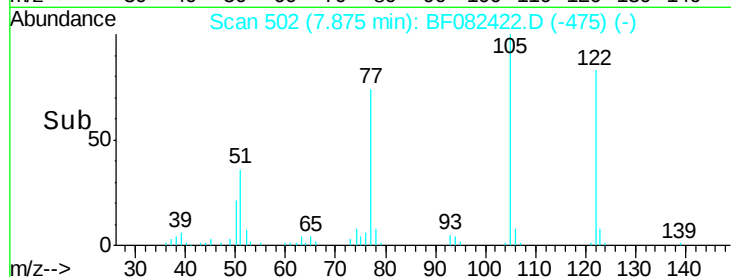
77 91.1 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 40.17 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Tgt Ion:127 Resp: 469427

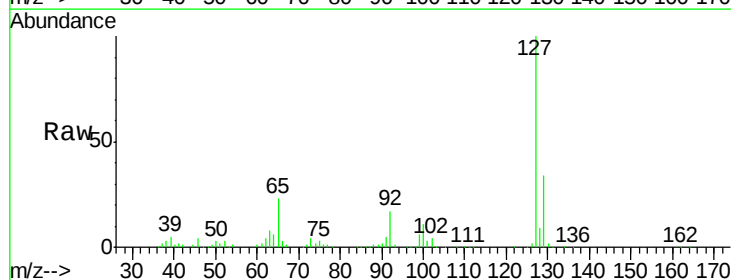
Ion Ratio Lower Upper

127 100

129 33.7 26.3 39.5

65 23.2 24.4 36.6#

92 16.7 15.7 23.5

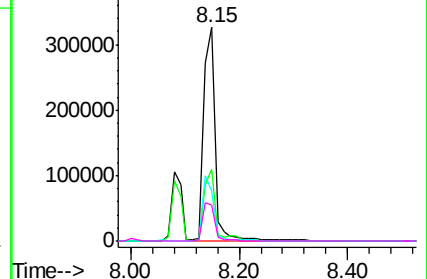
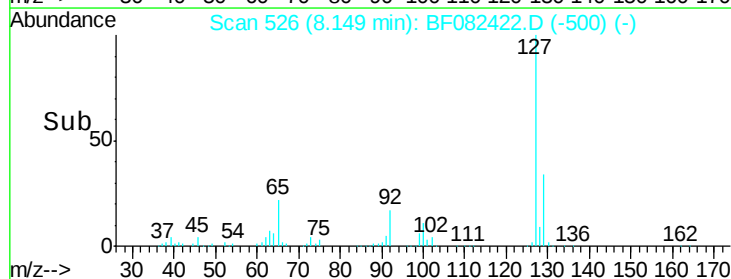


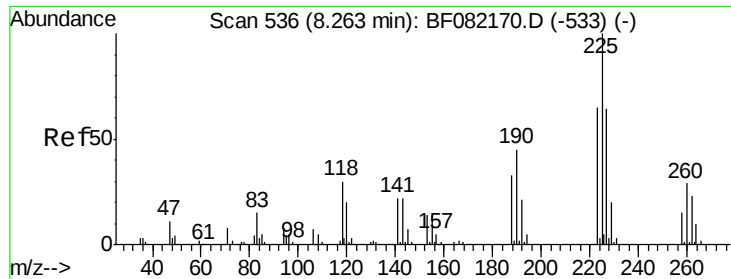
Abundance Ion 127.00 (126.70 to 127.70): E

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

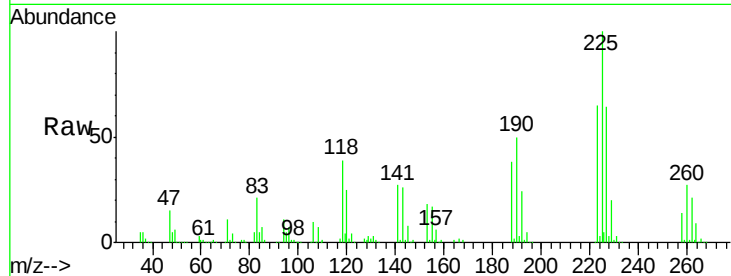




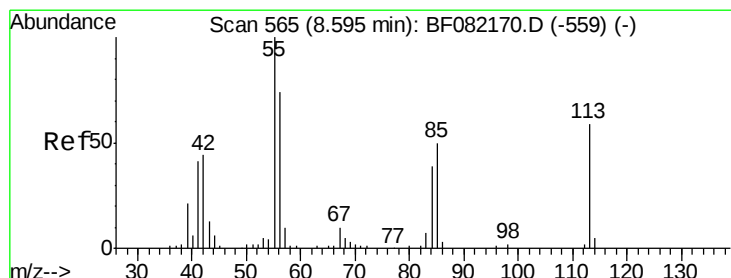
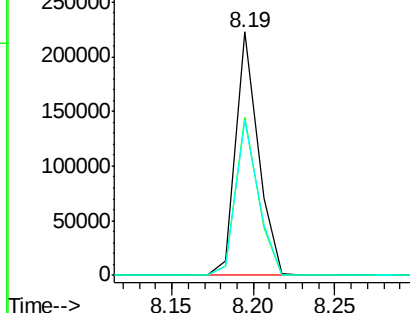
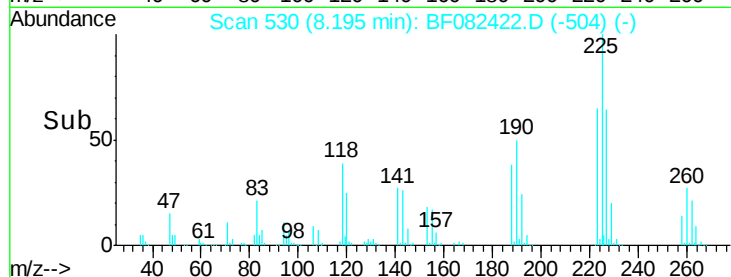
#34
Hexachlorobutadiene
Concen: 35.01 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.2	78.2
227	63.9	51.3	76.9

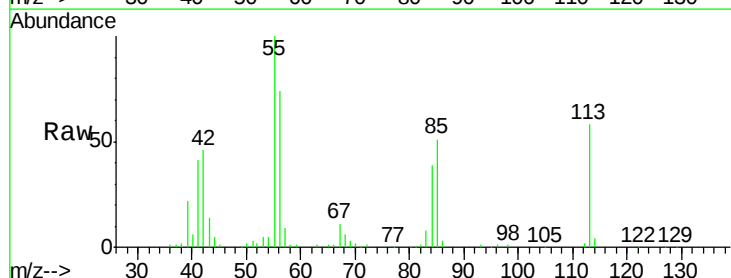


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

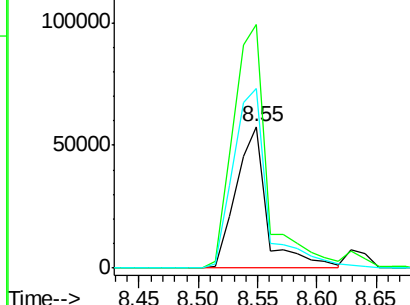
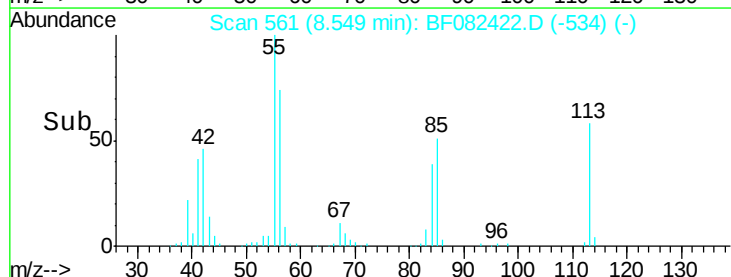


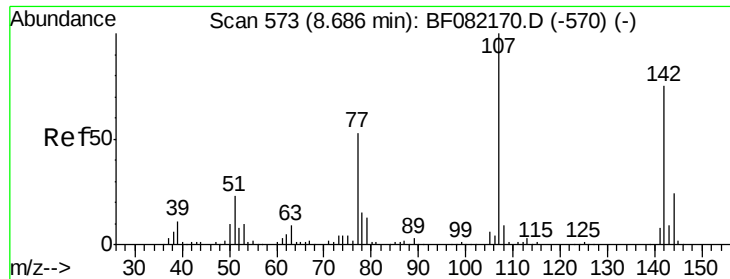
#35
Caprolactam
Concen: 42.69 ng
RT: 8.55 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion	Ratio	Lower	Upper
113	100		
55	172.1	149.7	189.7
56	126.9	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

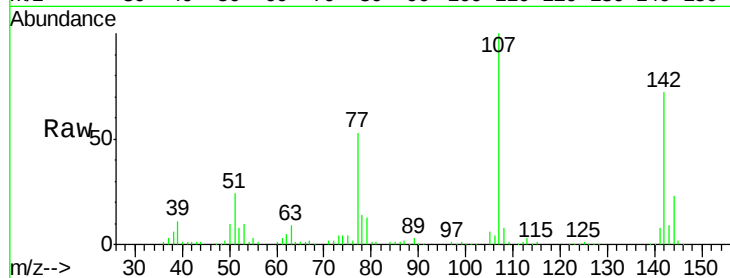




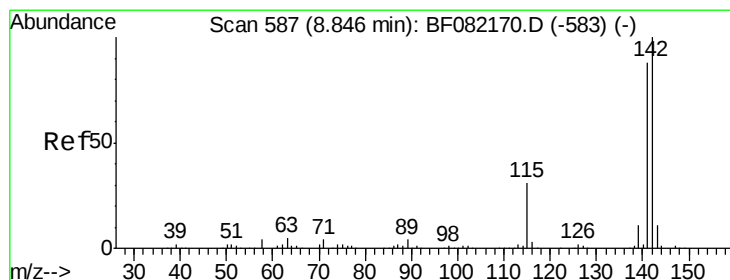
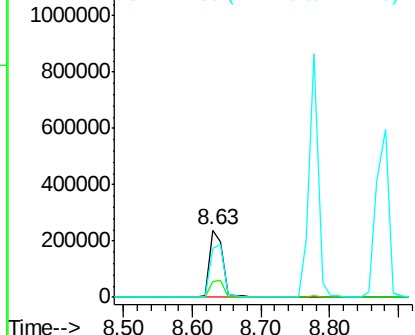
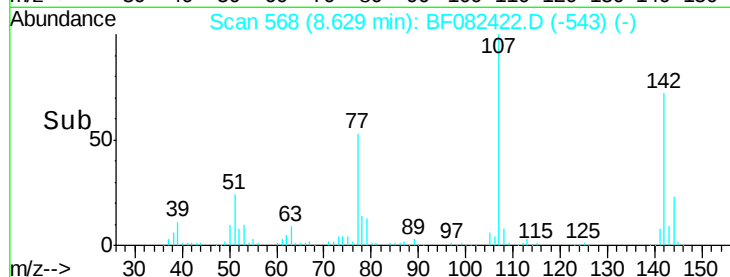
#36
 4-Chloro-3-methylphenol
 Concen: 40.15 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:107 Resp: 330297
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 71.9 59.9 89.9

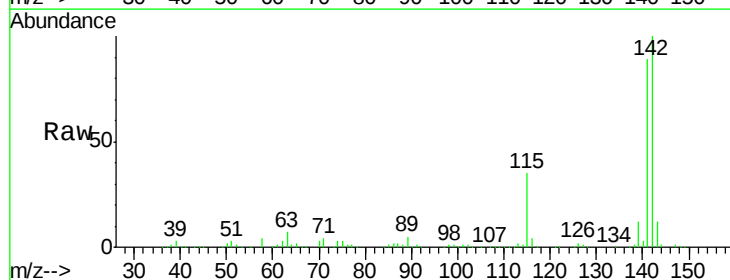


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

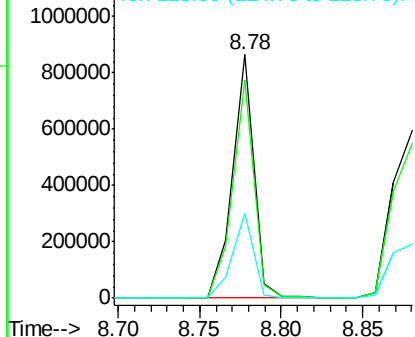
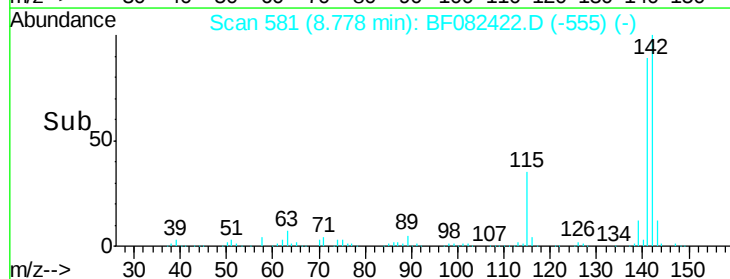


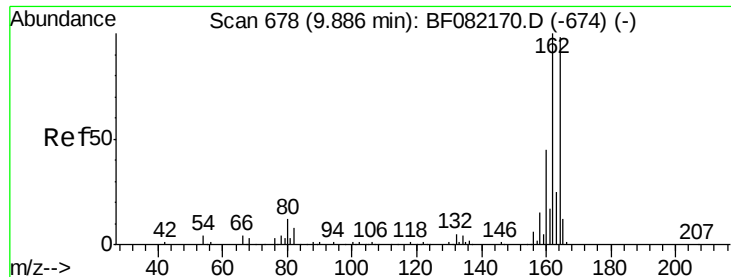
#37
 2-Methylnaphthalene
 Concen: 40.02 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Tgt Ion:142 Resp: 780614
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.4 105.6
 115 35.0 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

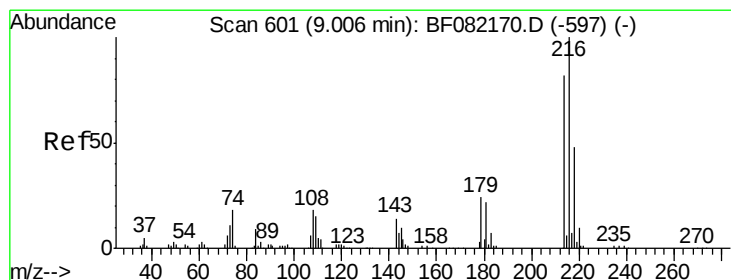
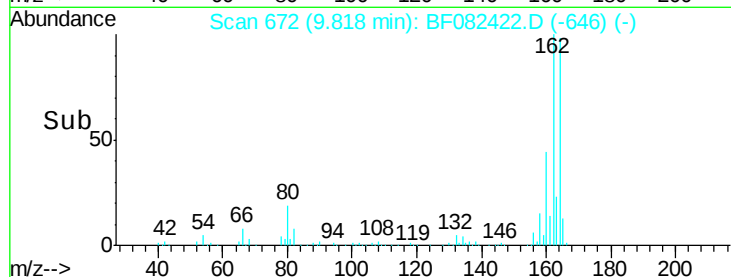
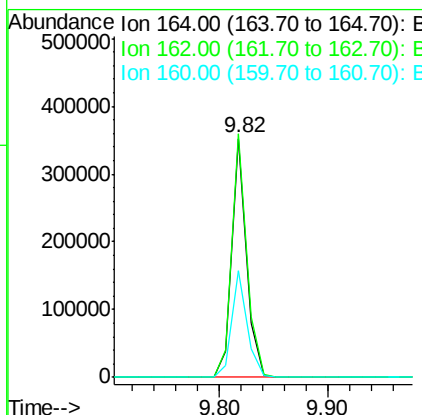
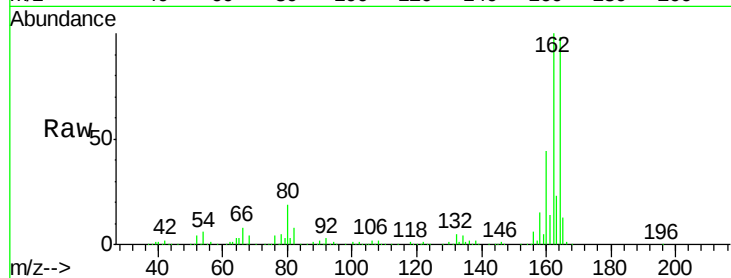




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

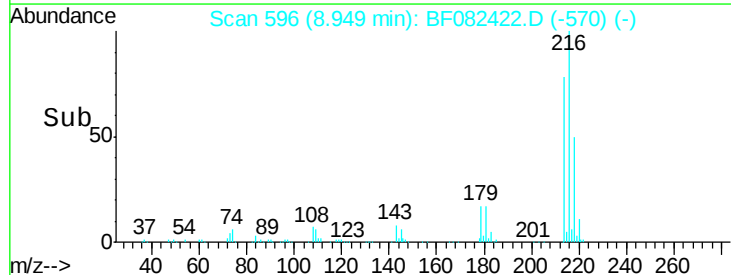
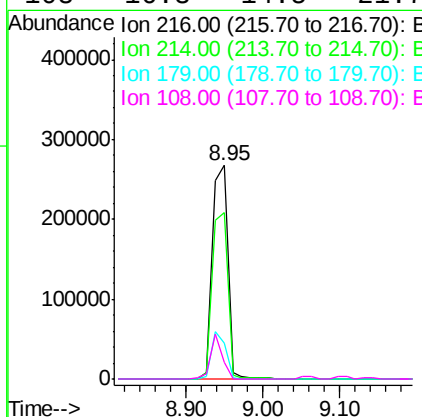
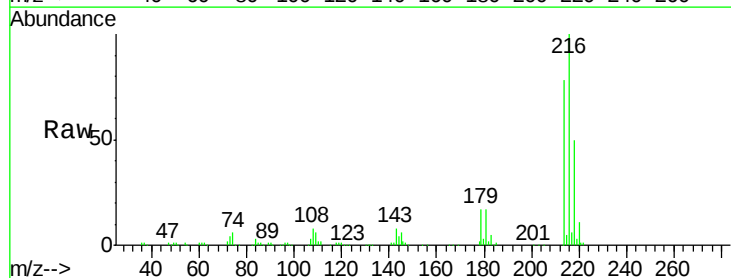
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

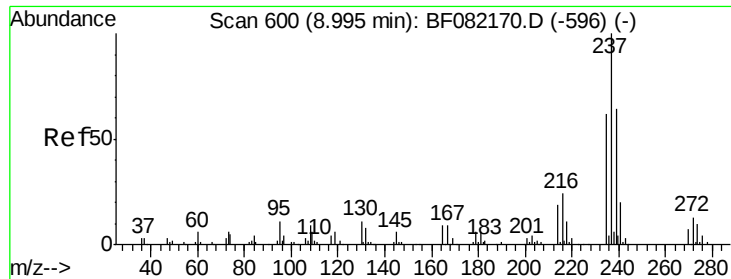
Tot Ion:164 Resp: 326994
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 44.9 36.4 54.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.30 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:216 Resp: 372468
Ion Ratio Lower Upper
216 100
214 78.8 64.6 97.0
179 20.3 17.6 26.4
108 16.3 14.5 21.7

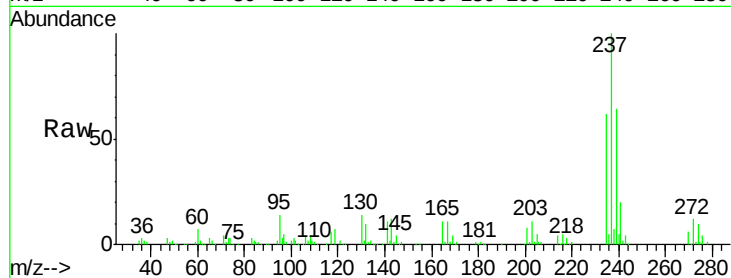




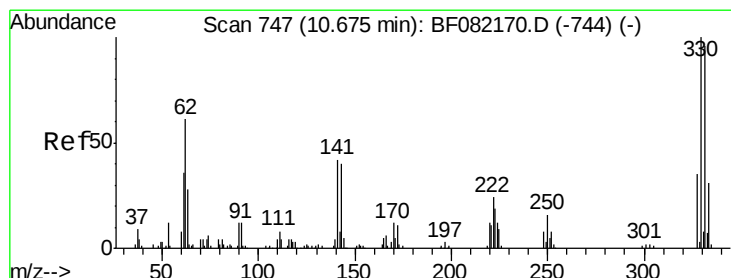
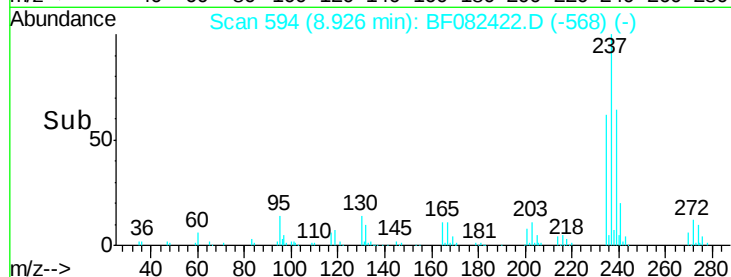
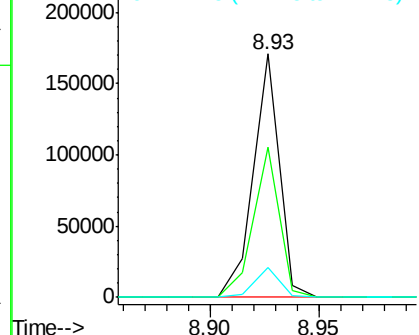
#40
Hexachlorocyclopentadiene
Concen: 34.01 ng
RT: 8.93 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:237 Resp: 141168
Ion Ratio Lower Upper
237 100
235 61.9 41.7 81.7
272 12.1 0.0 32.8

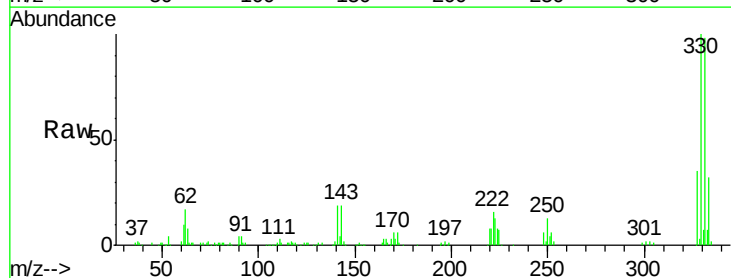


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

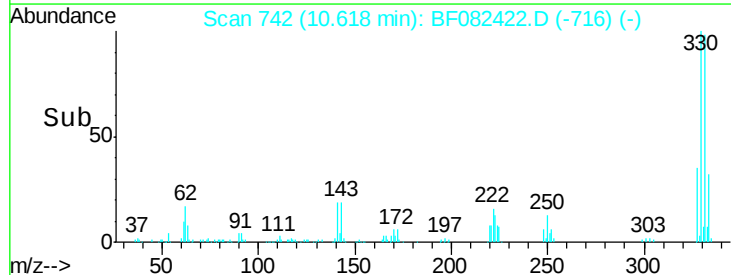
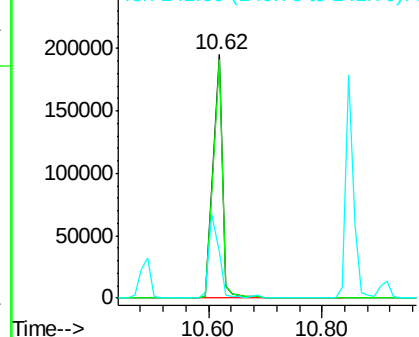


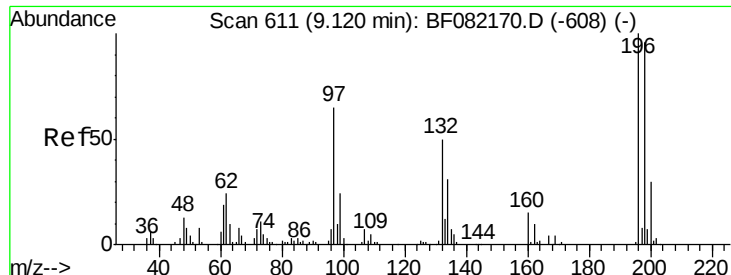
#41
2,4,6-Tribromophenol
Concen: 69.25 ng
RT: 10.62 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:330 Resp: 212372
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 36.8 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: 39.74 ng

RT: 9.06 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

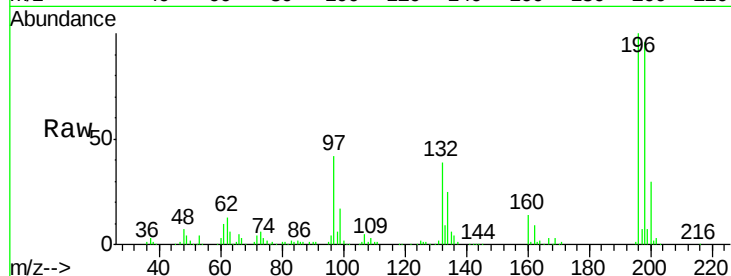
Tot Ion:196 Resp: 256718

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

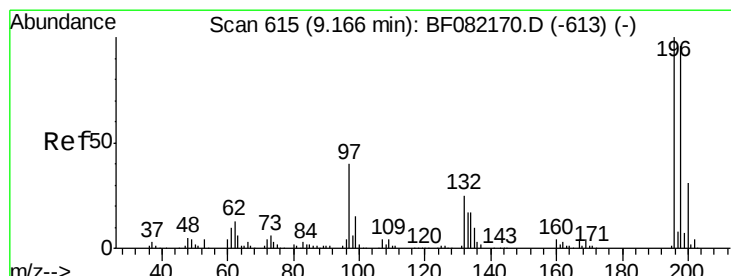
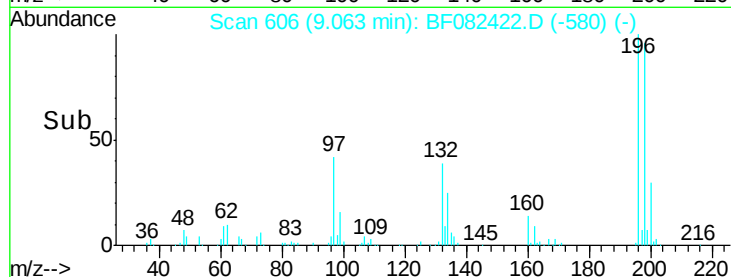
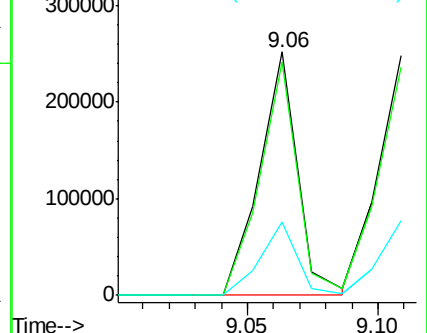
200 30.4 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 38.50 ng

RT: 9.11 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Tgt Ion:196 Resp: 269399

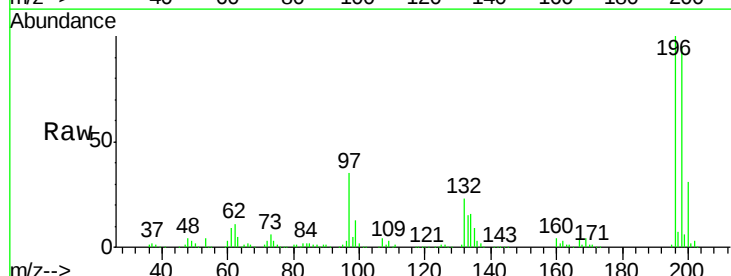
Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.4

97 34.6 31.9 47.9

132 23.1 20.3 30.5

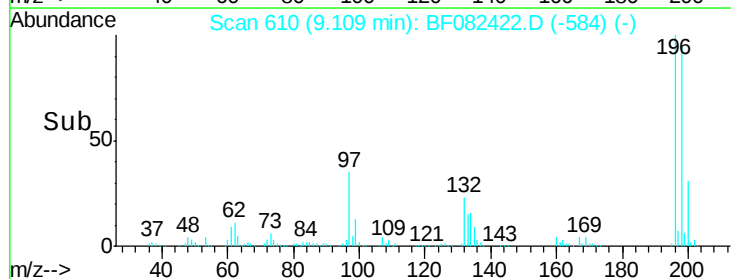
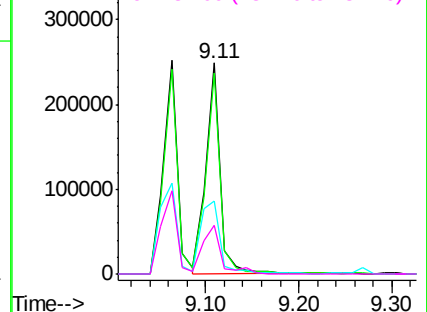


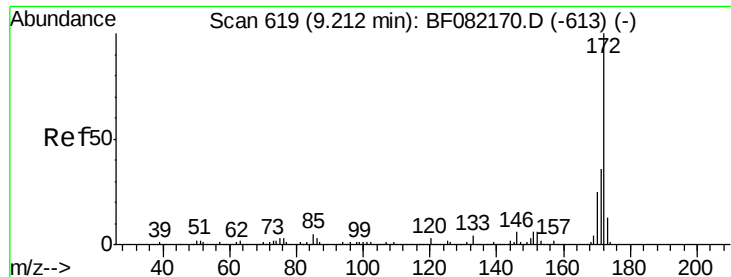
Abundance Ion 196.00 (195.70 to 196.70): E

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: 69.71 ng

RT: 9.14 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

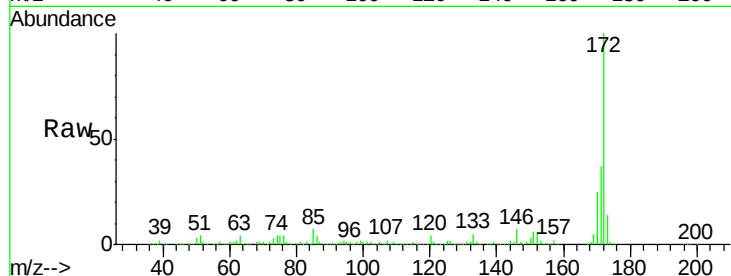
Tot Ion:172 Resp: 1374441

Ion Ratio Lower Upper

172 100

171 37.4 28.6 42.8

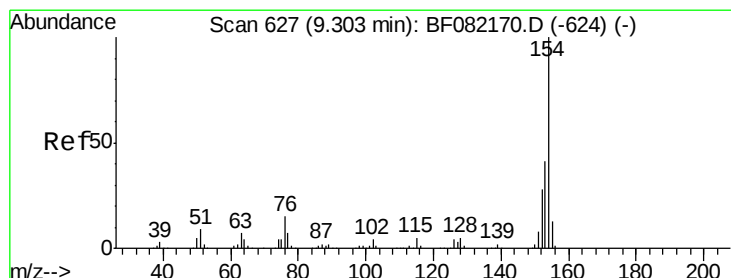
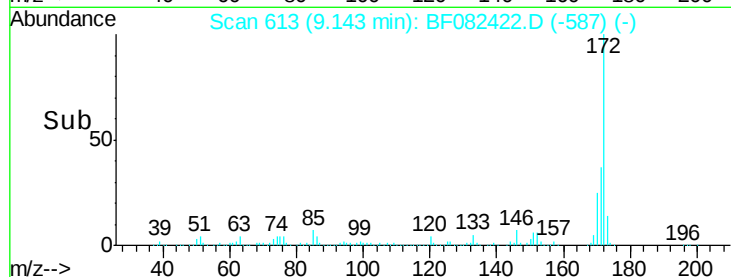
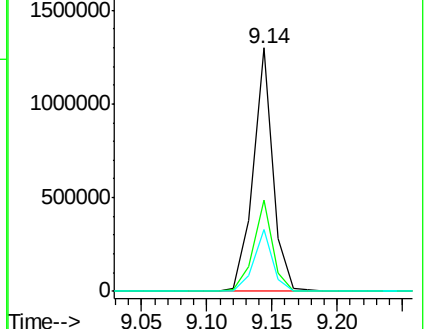
170 25.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 38.13 ng

RT: 9.25 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

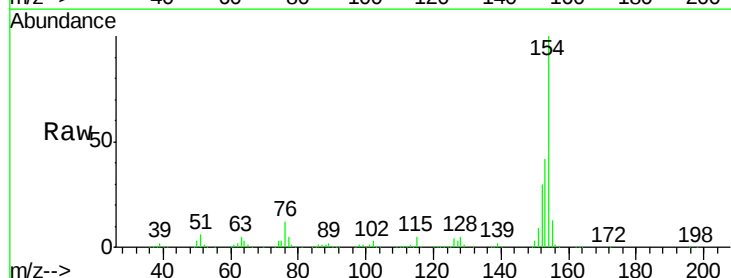
Tgt Ion:154 Resp: 950678

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

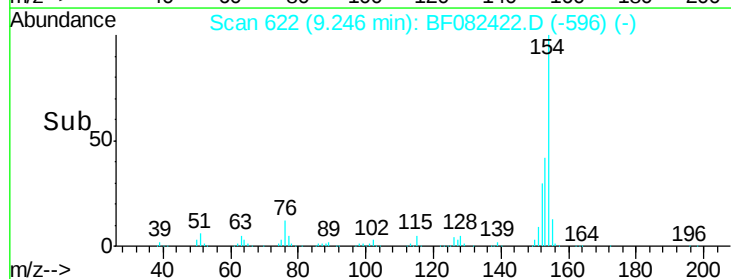
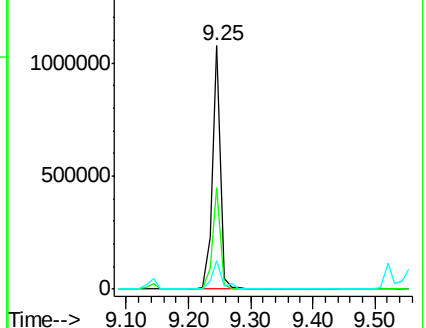
76 11.6 0.0 35.2

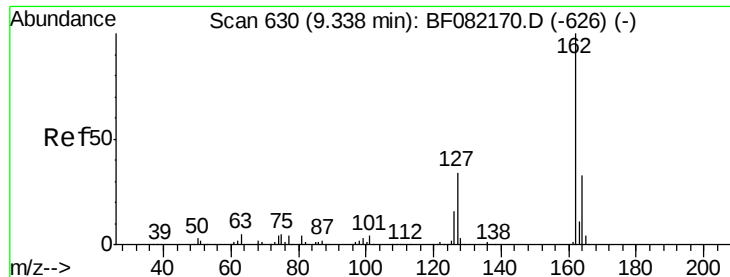


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

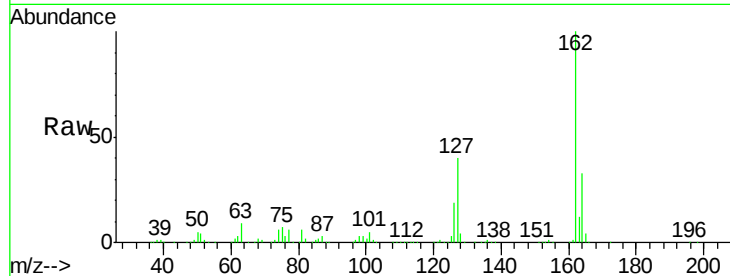




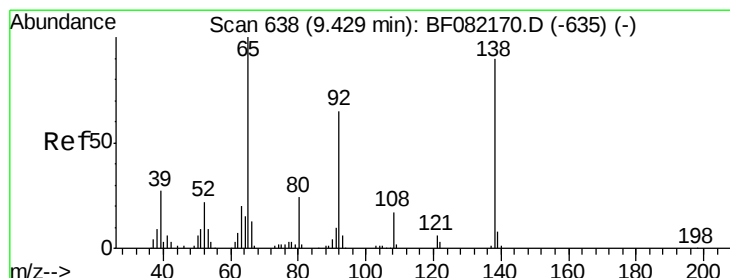
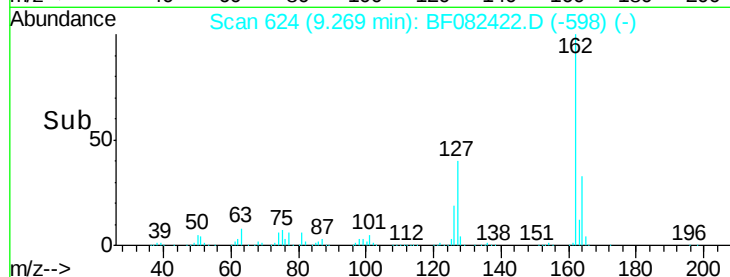
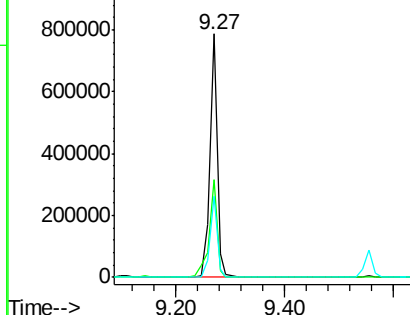
#46
2-Chloronaphthalene
Concen: 37.33 ng
RT: 9.27 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	27.5	41.3
164	33.5	26.6	39.8

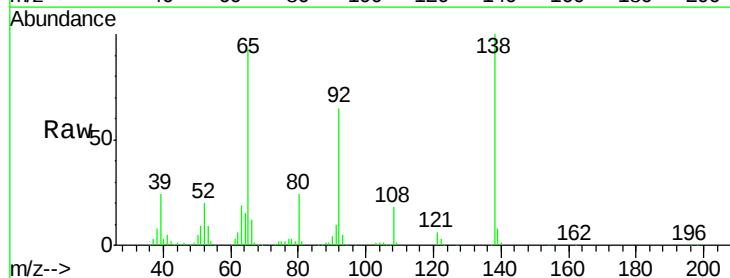


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

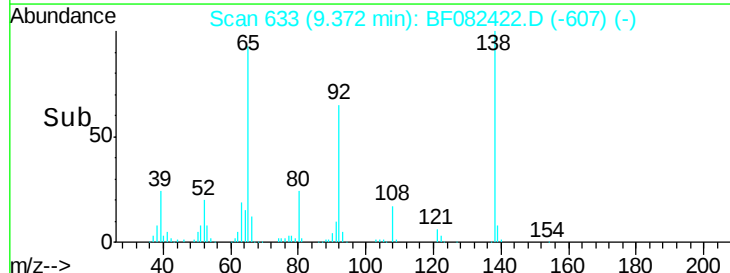
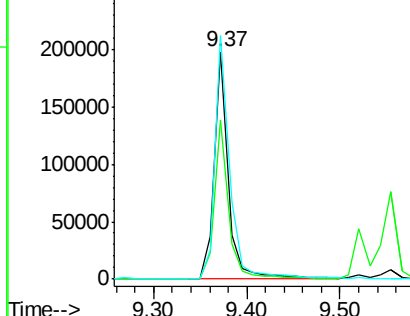


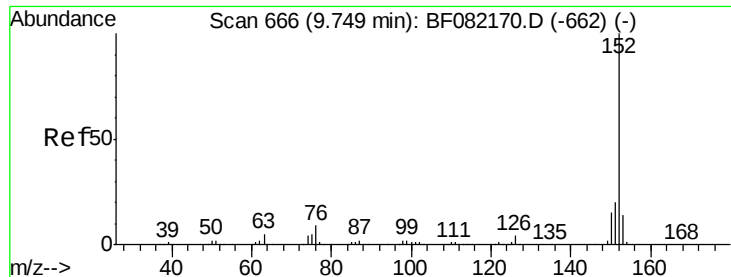
#47
2-Nitroaniline
Concen: 39.02 ng
RT: 9.37 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	52.3	78.5
138	107.1	72.2	108.4



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





#48

Acenaphthylene

Concen: 34.38 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

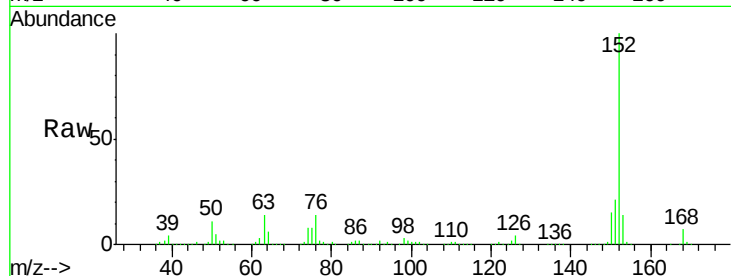
Tot Ion:152 Resp: 1051386

Ion Ratio Lower Upper

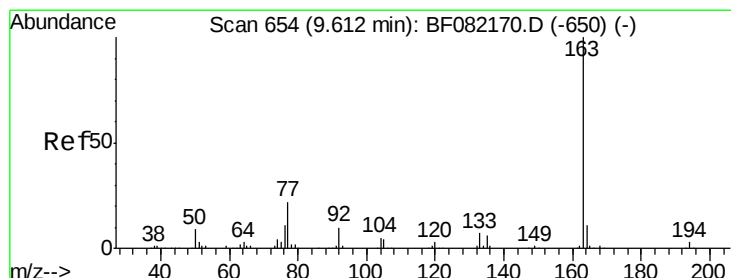
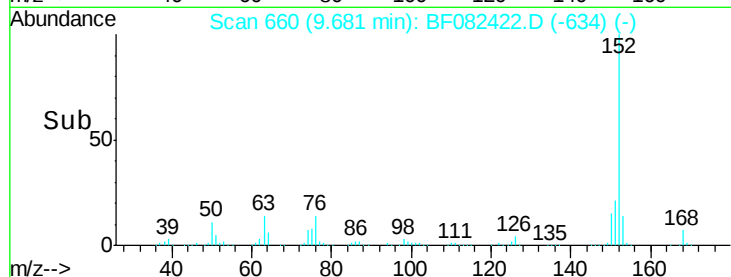
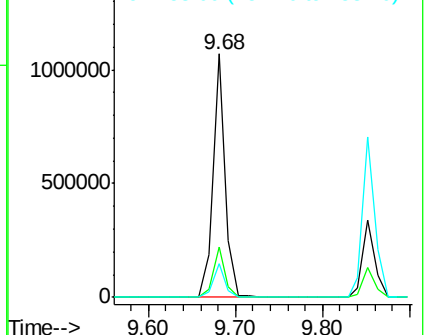
152 100

151 20.9 16.4 24.6

153 13.8 10.8 16.2



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



#49

Dimethylphthalate

Concen: 37.13 ng

RT: 9.55 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

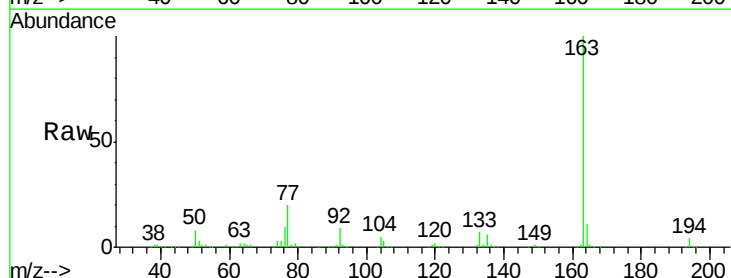
Tgt Ion:163 Resp: 854952

Ion Ratio Lower Upper

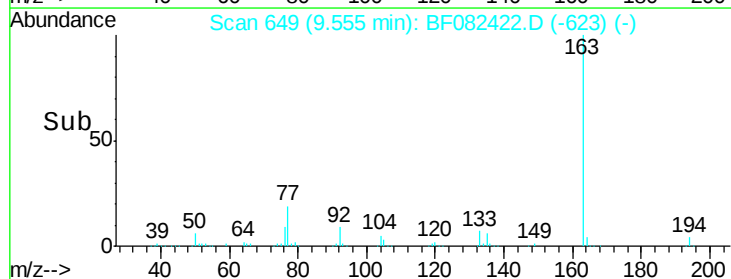
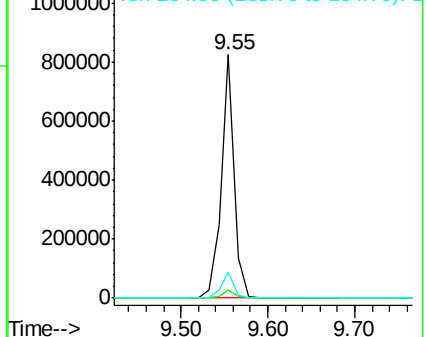
163 100

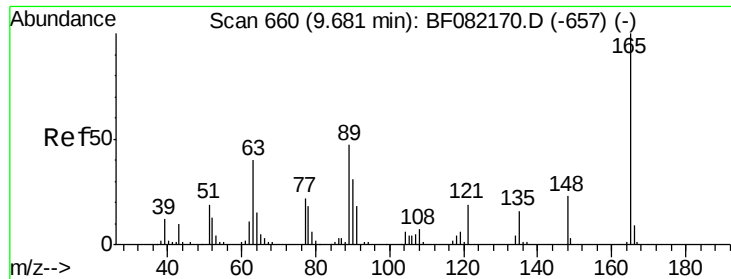
194 3.5 2.6 4.0

164 10.6 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

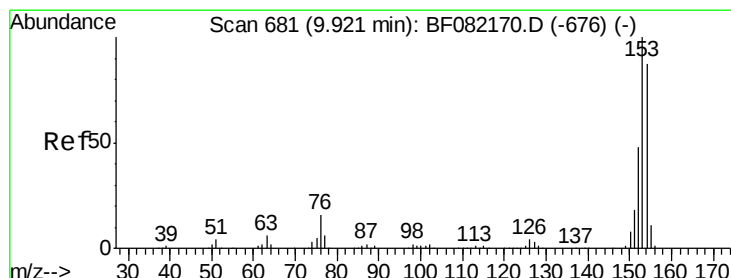
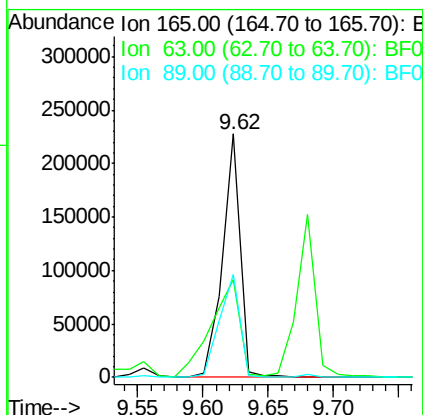
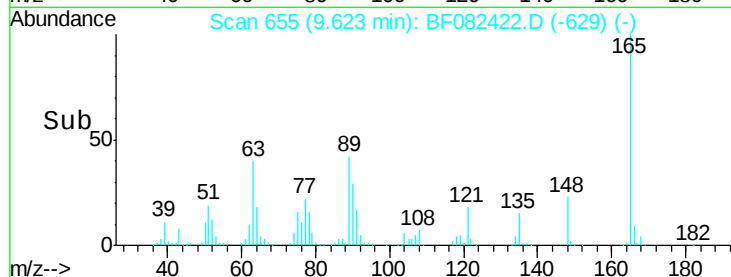
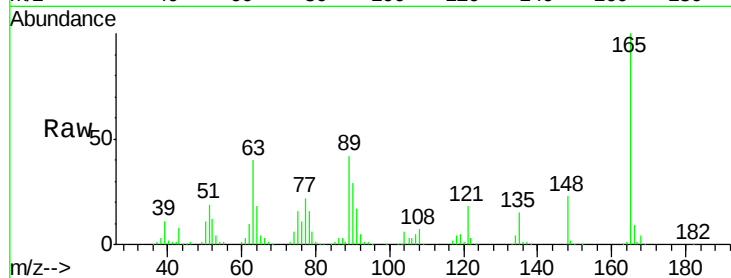




#50
2,6-Dinitrotoluene
Concen: 44.69 ng
RT: 9.62 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

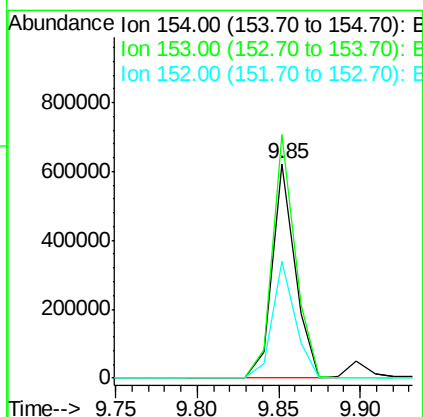
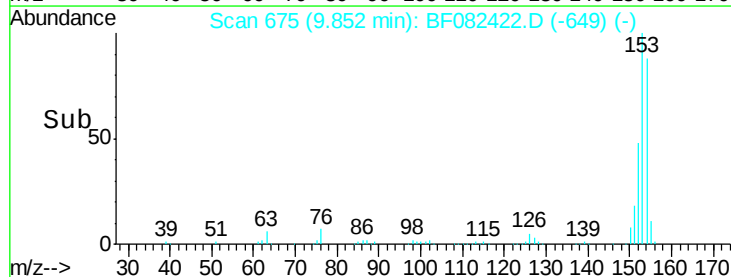
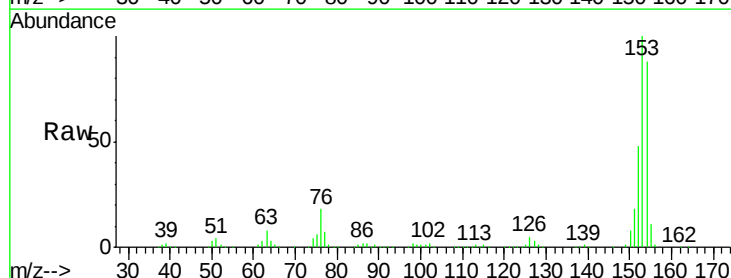
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

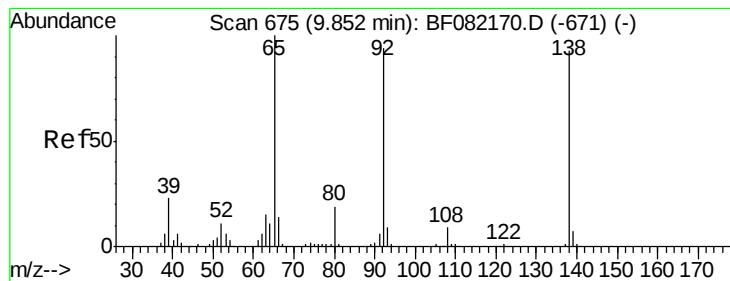
Tot Ion:165 Resp: 217152
Ion Ratio Lower Upper
165 100
63 40.1 36.7 55.1
89 42.2 37.8 56.6



#51
Acenaphthene
Concen: 33.38 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:154 Resp: 612697
Ion Ratio Lower Upper
154 100
153 113.6 91.4 137.2
152 54.5 44.3 66.5





#52

3-Nitroaniline

Concen: 41.45 ng

RT: 9.79 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

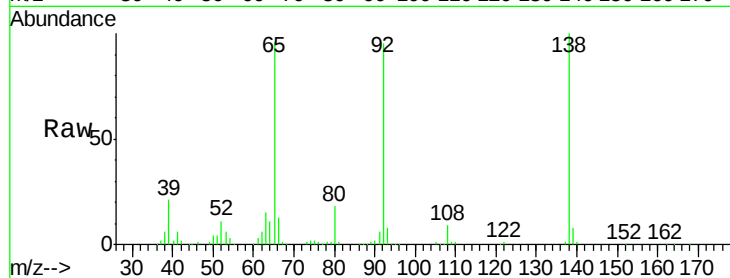
Tot Ion:138 Resp: 227497

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.0

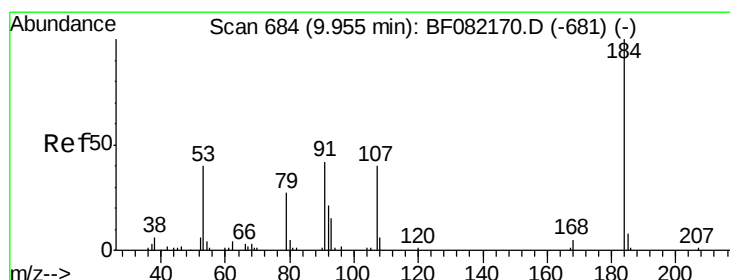
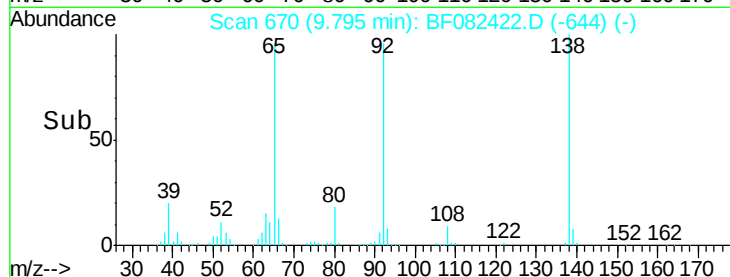
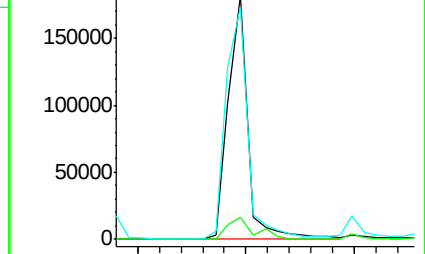
92 95.4 81.3 121.9



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: 33.54 ng

RT: 9.90 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

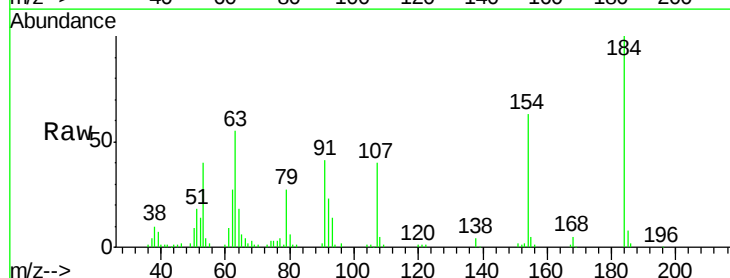
Tgt Ion:184 Resp: 80085

Ion Ratio Lower Upper

184 100

63 54.6 45.1 67.7

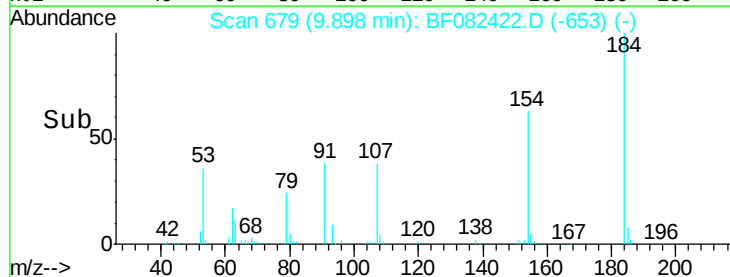
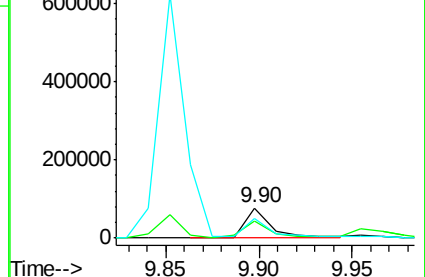
154 63.0 51.2 76.8

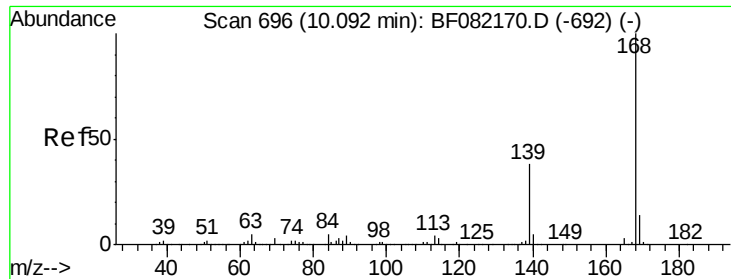


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

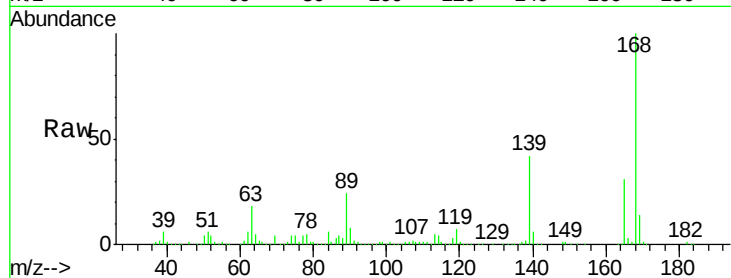




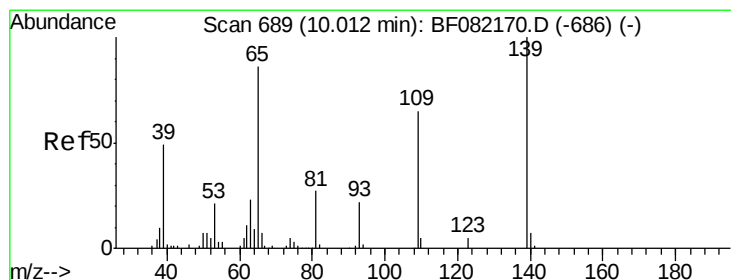
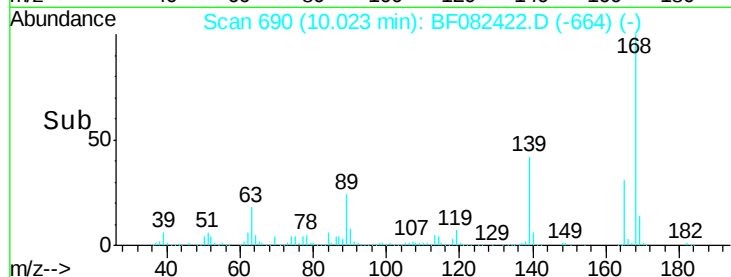
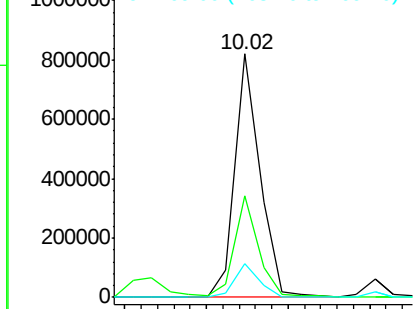
#54
Dibenzofuran
Concen: 34.70 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 874540
Ion Ratio Lower Upper
168 100
139 41.7 31.0 46.6
169 13.9 10.9 16.3

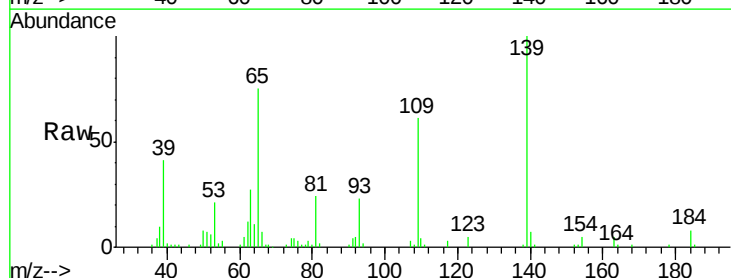


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

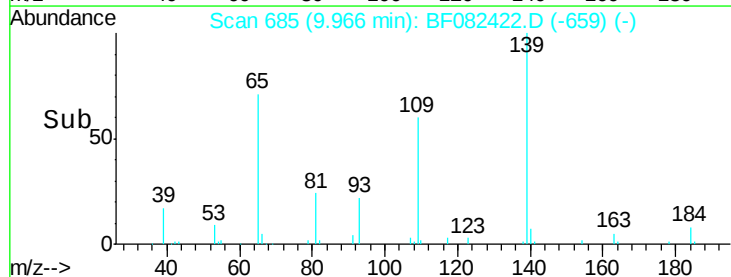
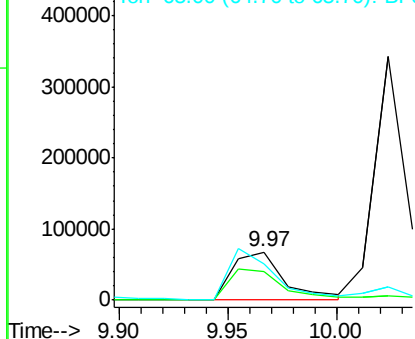


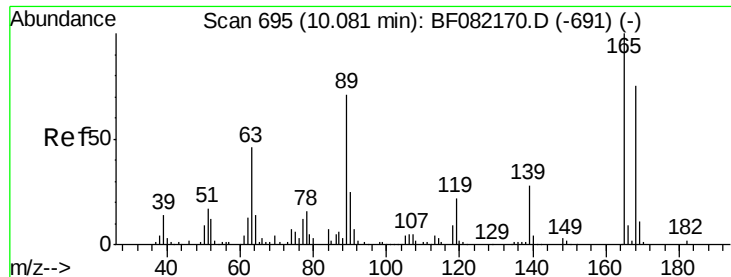
#55
4-Nitrophenol
Concen: 37.30 ng
RT: 9.97 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:139 Resp: 111888
Ion Ratio Lower Upper
139 100
109 61.0 44.8 84.8
65 74.6 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

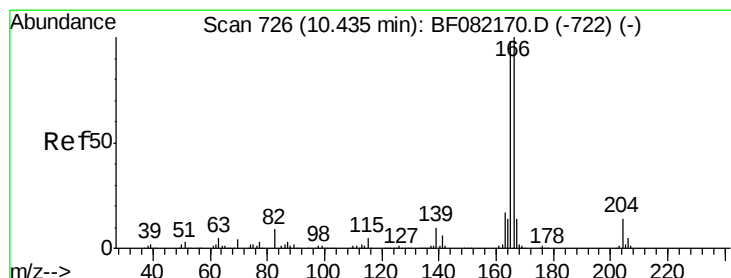
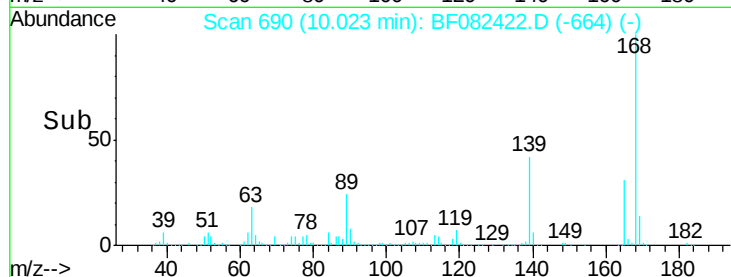
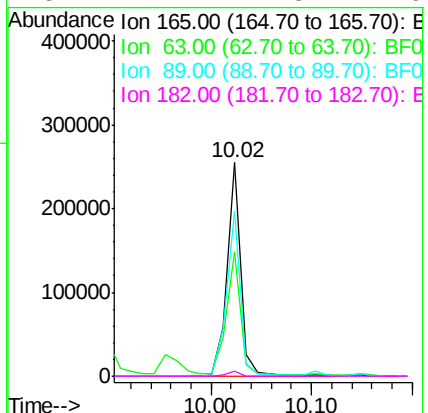
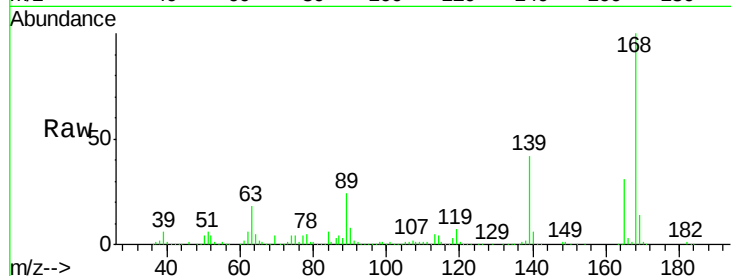




#56
2,4-Dinitrotoluene
Concen: 40.09 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

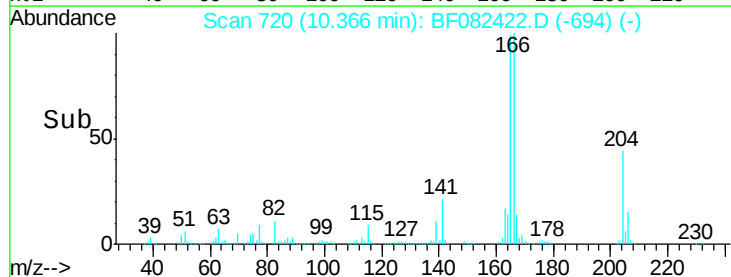
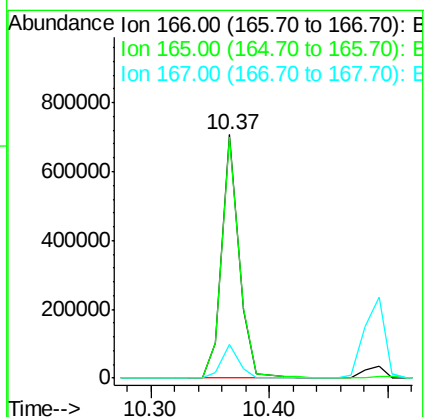
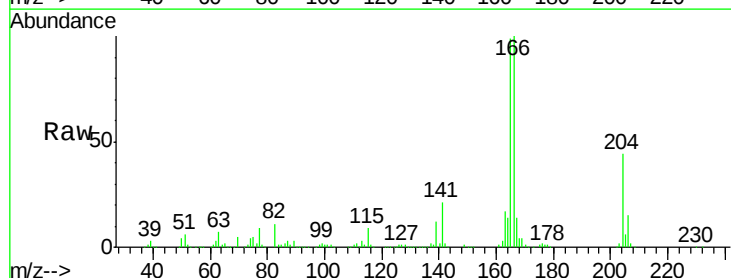
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

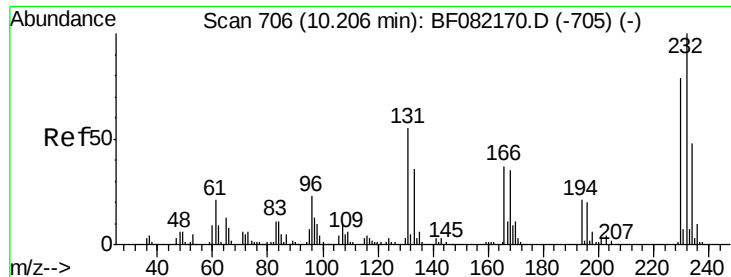
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	38.6	58.0#
89	77.1	57.0	85.6
182	2.2	1.8	2.6



#57
Fluorene
Concen: 34.45 ng
RT: 10.37 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	13.8	10.8	16.2

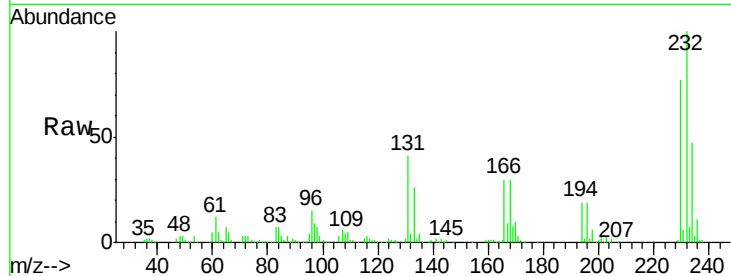




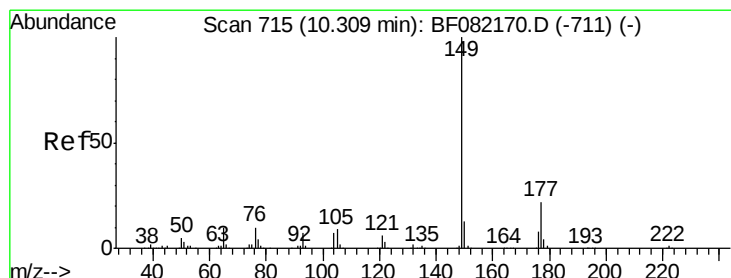
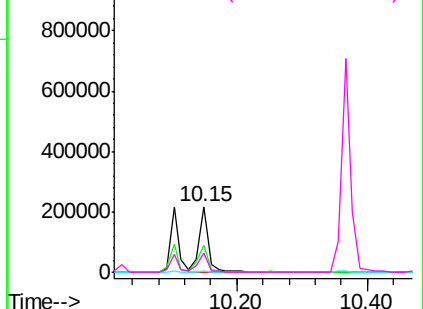
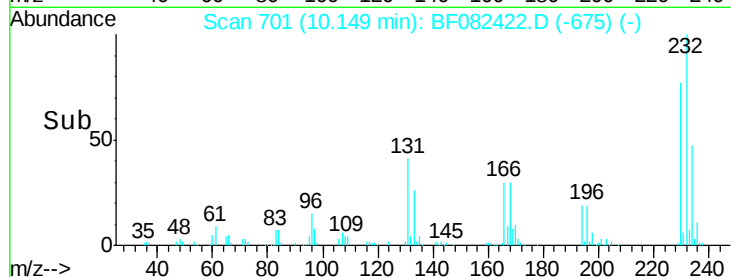
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.07 ng
 RT: 10.15 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 211952
 Ion Ratio Lower Upper
 232 100
 131 45.4 36.6 54.8
 130 2.0 1.5 2.3
 166 29.8 24.6 37.0

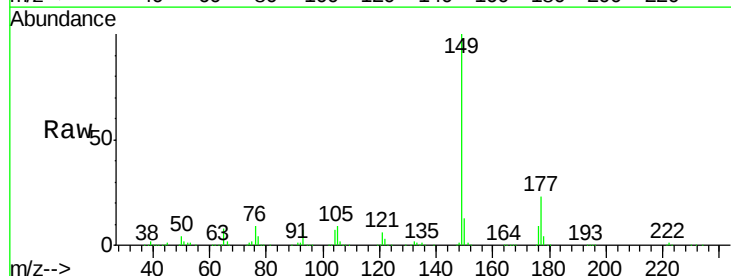


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

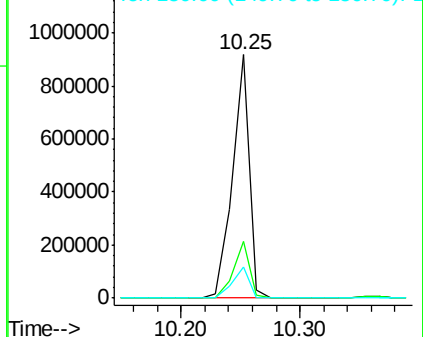
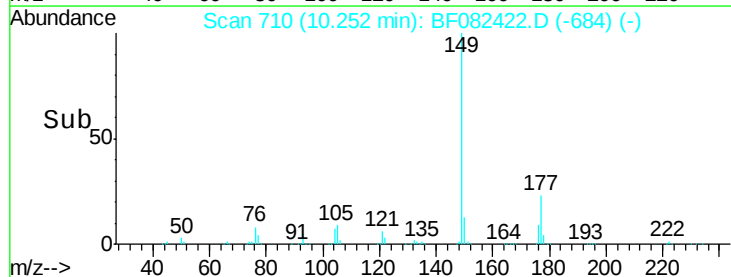


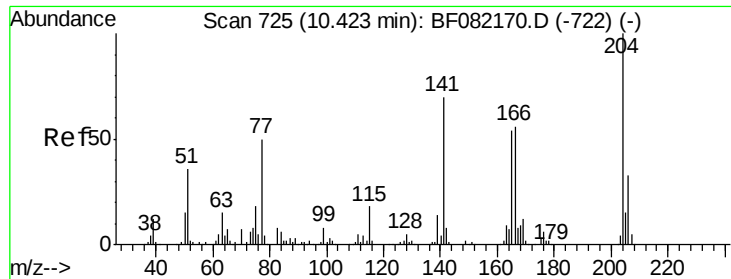
#59
 Diethylphthalate
 Concen: 41.81 ng
 RT: 10.25 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Tgt Ion:149 Resp: 897379
 Ion Ratio Lower Upper
 149 100
 177 23.1 17.6 26.4
 150 13.0 10.3 15.5



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





#60

4-Chlorophenyl-phenylether

Concen: 40.10 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

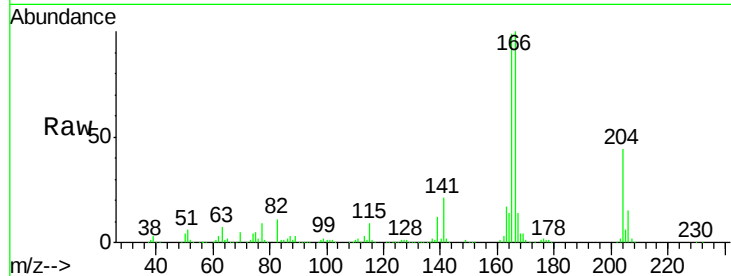
Tot Ion:204 Resp: 380262

Ion Ratio Lower Upper

204 100

206 34.5 26.8 40.2

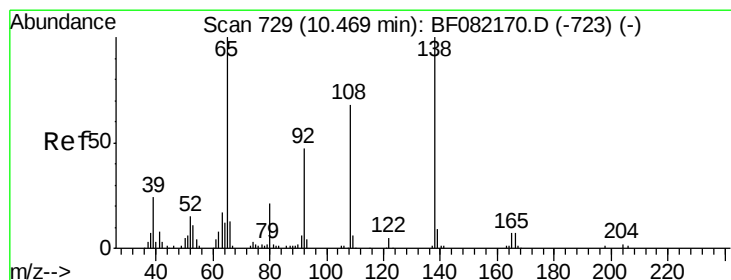
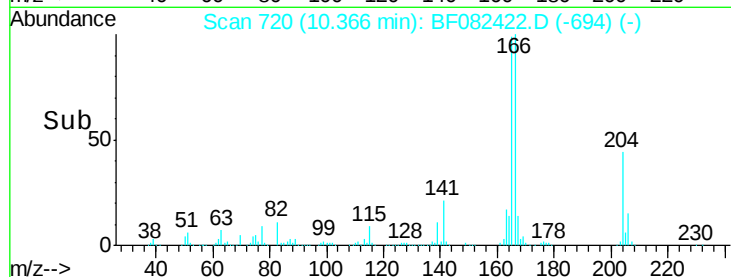
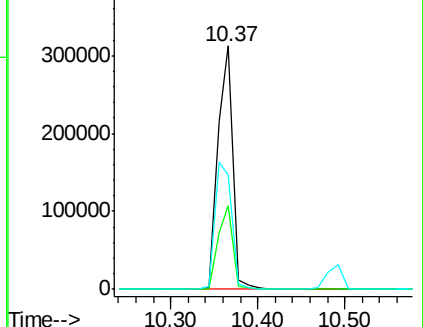
141 47.0 56.1 84.1#



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: 39.92 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

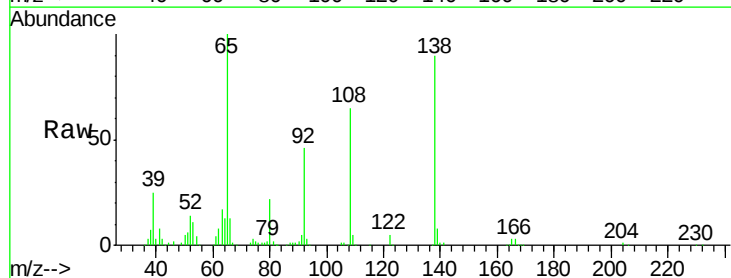
Tgt Ion:138 Resp: 212477

Ion Ratio Lower Upper

138 100

92 50.6 26.8 66.8

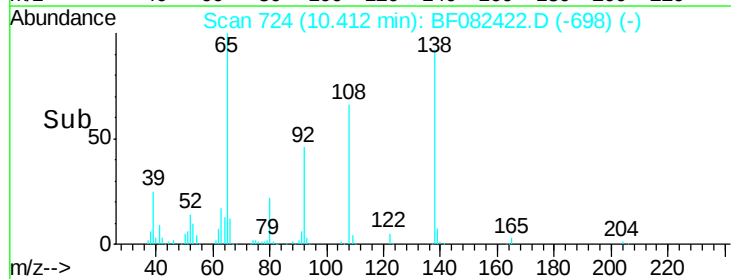
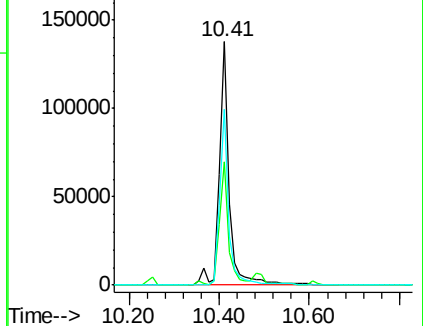
108 72.3 48.4 88.4

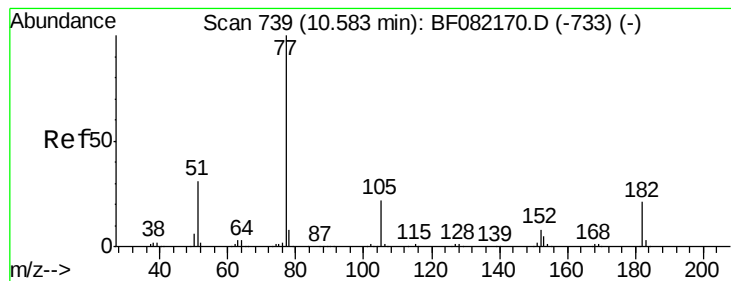


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 39.65 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 832876

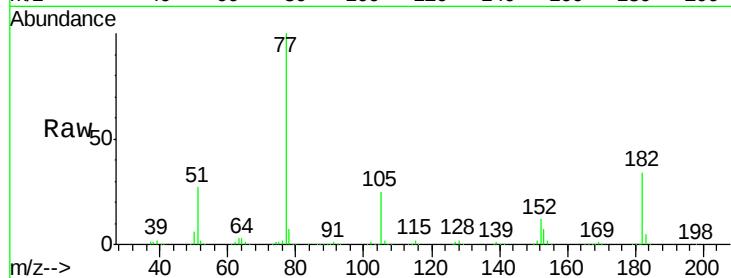
Ion Ratio Lower Upper

77 100

182 34.2 0.5 40.5

105 25.5 1.8 41.8

51 27.3 11.2 51.2

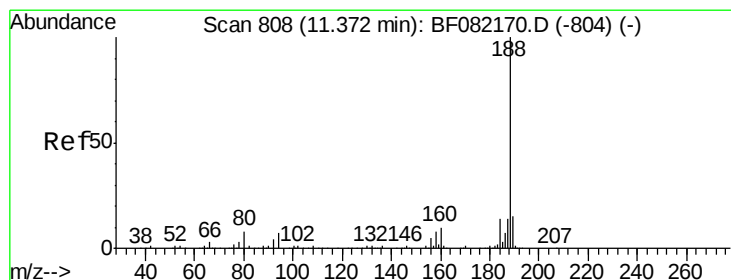
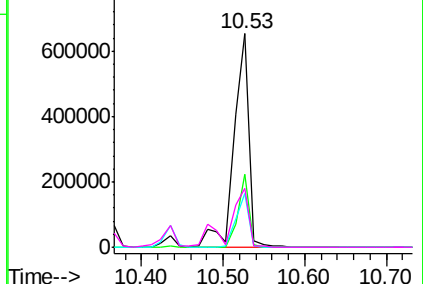
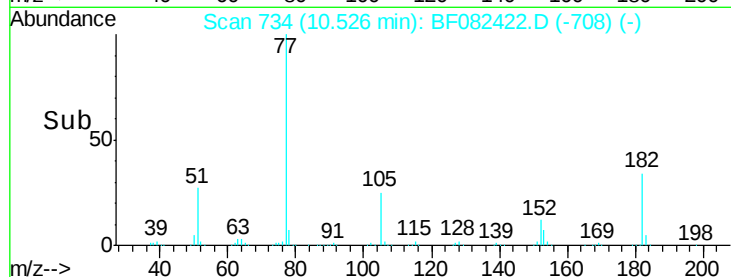


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

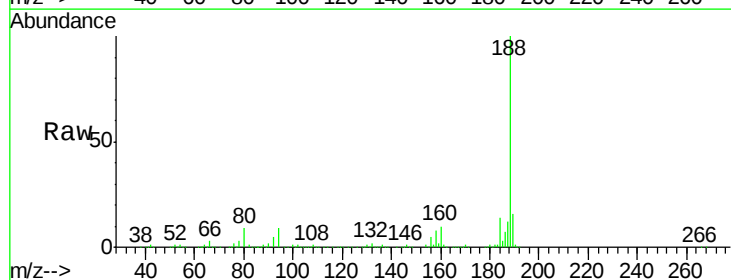
Tgt Ion: 188 Resp: 617228

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

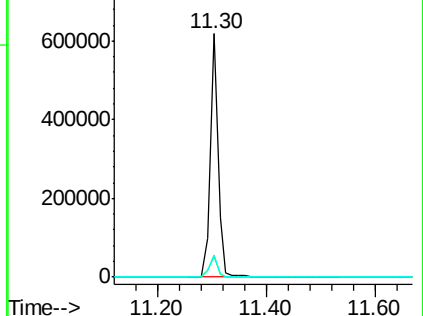
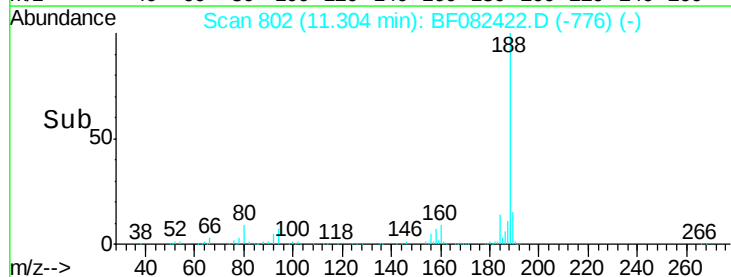
80 9.1 6.4 9.6

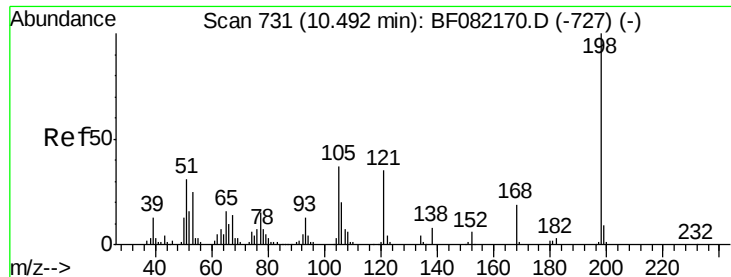


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

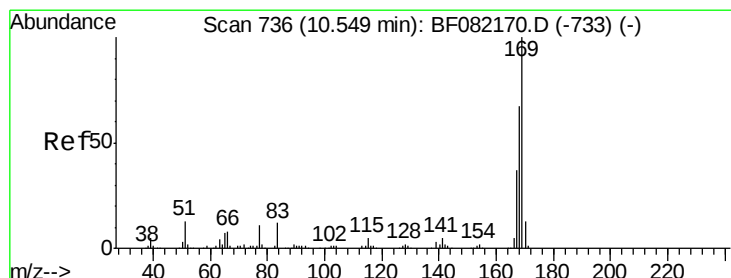
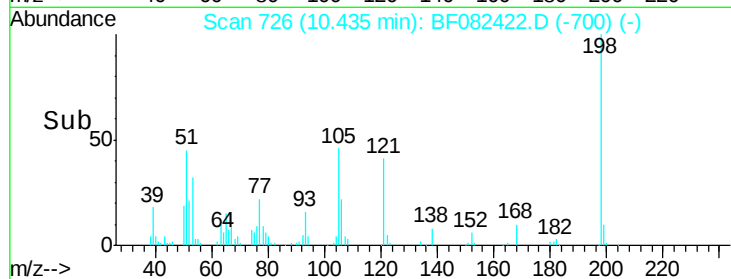
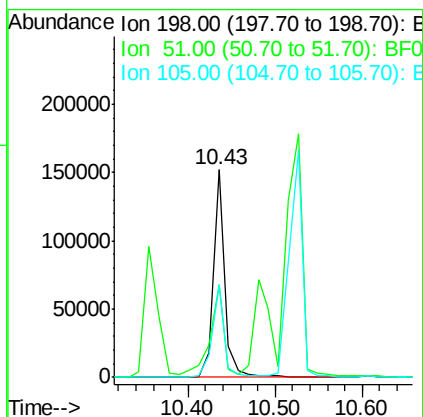
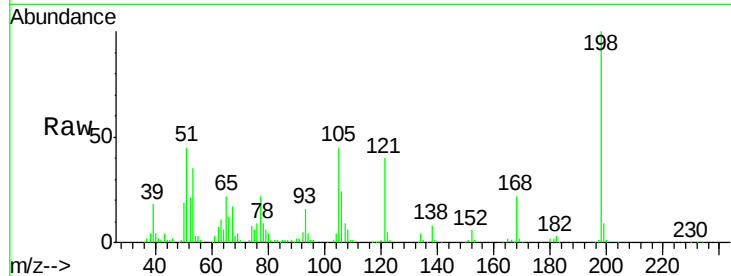




#64
4,6-Dinitro-2-methylphenol
Concen: 41.09 ng
RT: 10.43 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

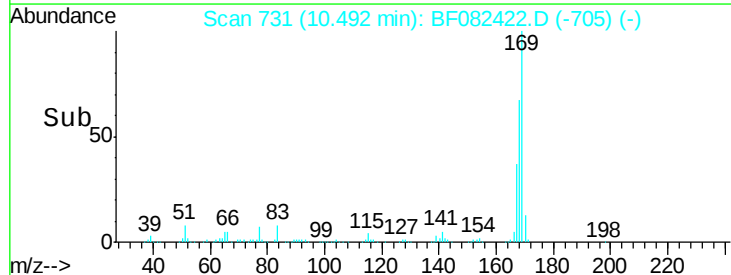
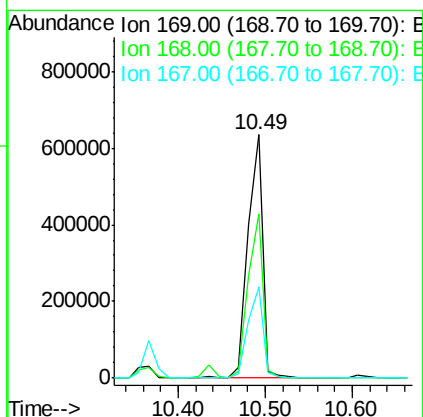
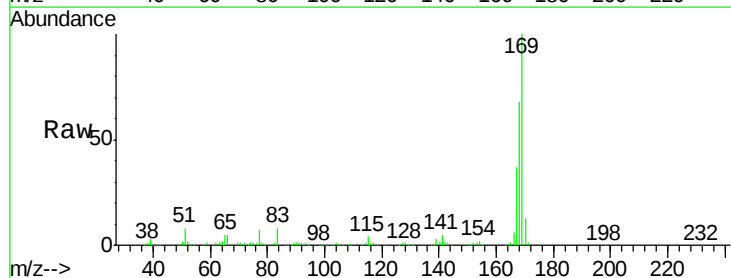
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

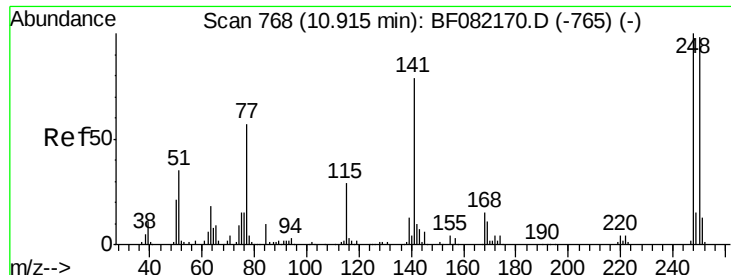
Tot Ion:198 Resp: 142342
Ion Ratio Lower Upper
198 100
51 44.8 13.6 53.6
105 44.6 17.1 57.1



#65
n-Nitrosodiphenylamine
Concen: 40.85 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:169 Resp: 754839
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 37.3 29.6 44.4

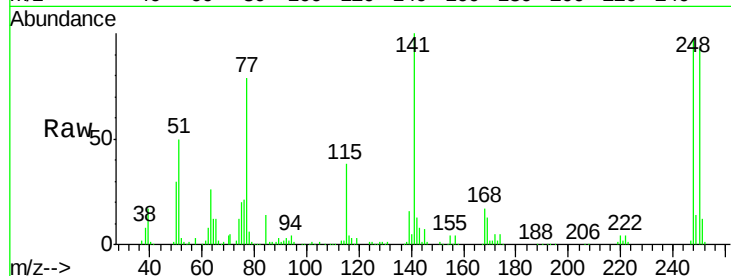




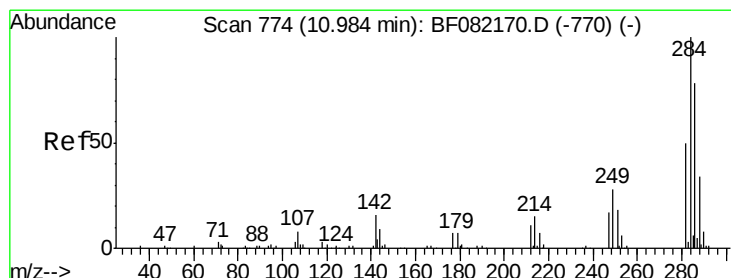
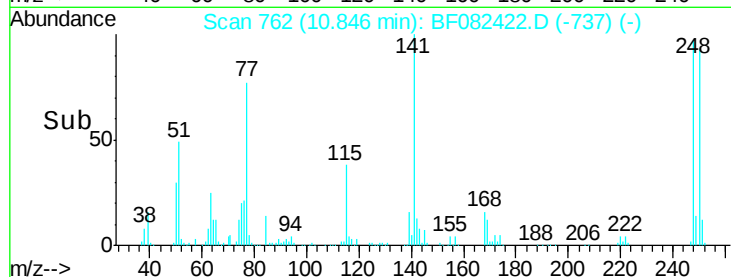
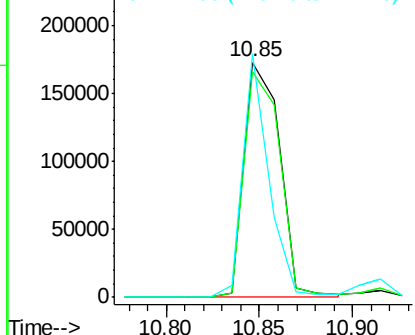
#66
4-Bromophenyl-phenylether
Concen: 37.04 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 228813
Ion Ratio Lower Upper
248 100
250 95.9 78.6 117.8
141 103.6 63.3 94.9#

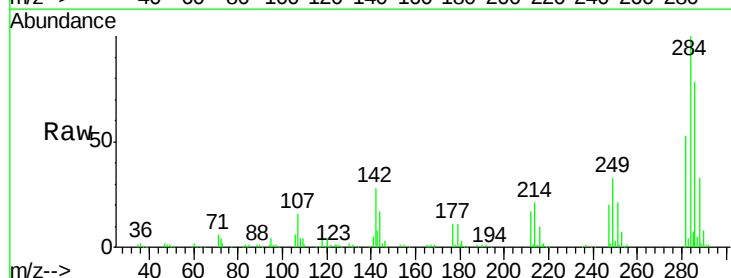


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

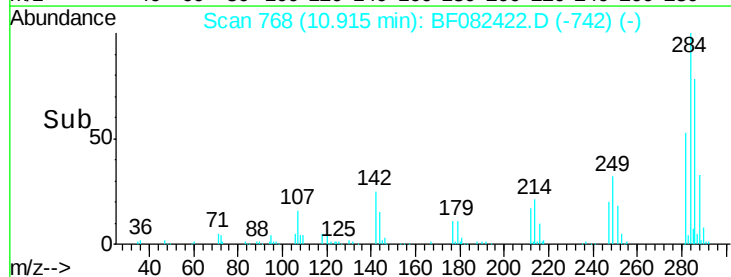
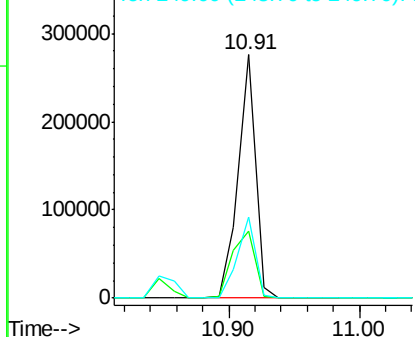


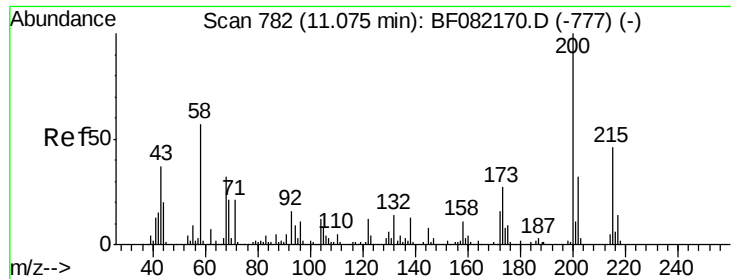
#67
Hexachlorobenzene
Concen: 38.18 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:284 Resp: 255097
Ion Ratio Lower Upper
284 100
142 27.7 13.0 19.6#
249 33.2 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

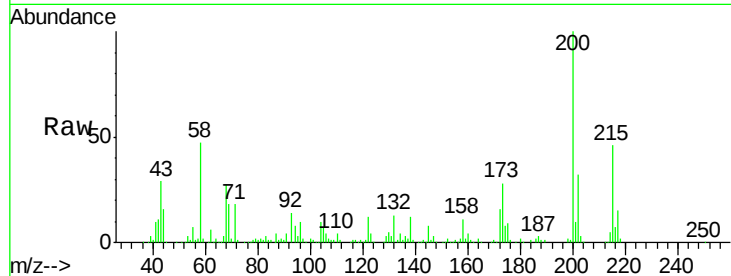




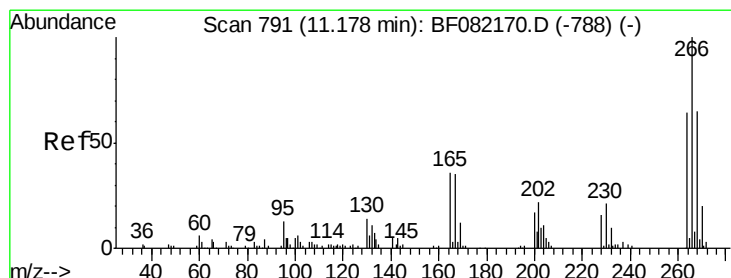
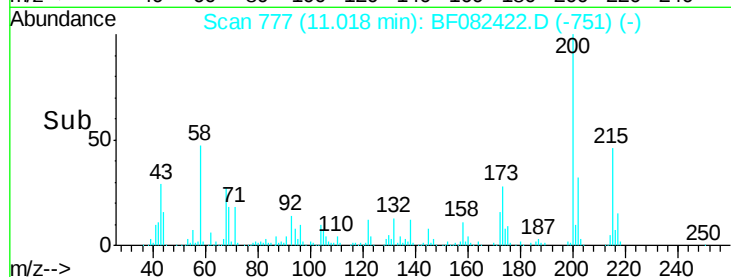
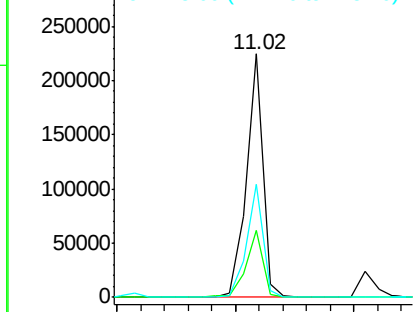
#68
Atrazine
Concen: 37.38 ng
RT: 11.02 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:200 Resp: 218852
Ion Ratio Lower Upper
200 100
173 27.5 7.3 47.3
215 46.4 26.2 66.2

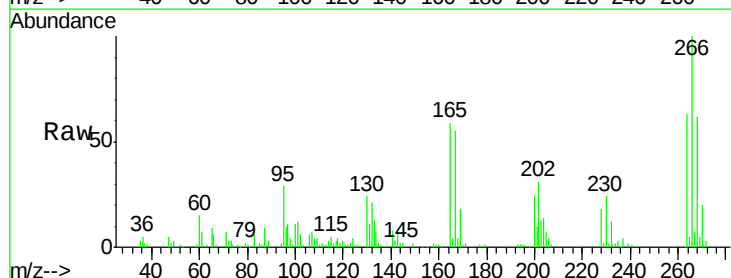


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

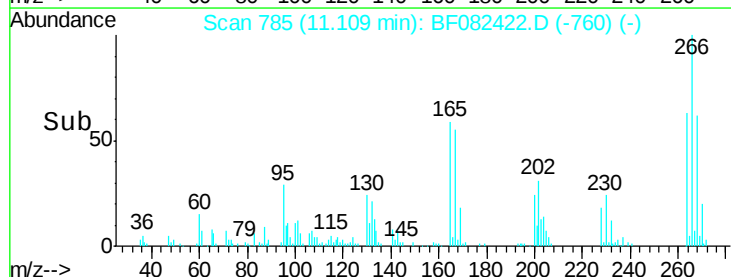
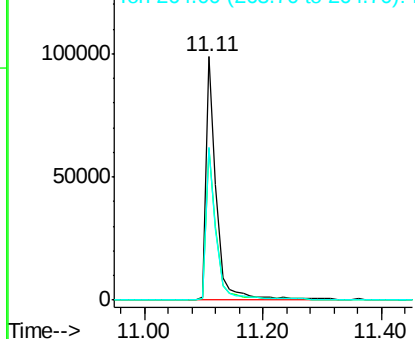


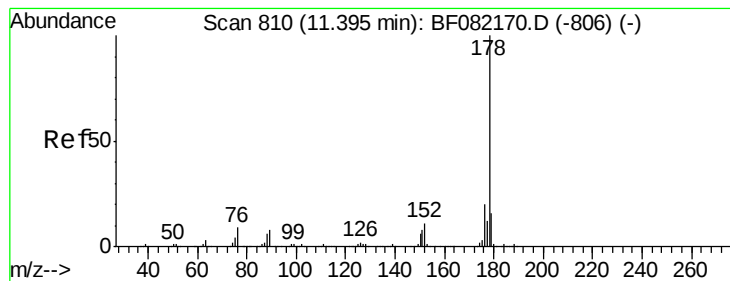
#69
Pentachlorophenol
Concen: 35.60 ng
RT: 11.11 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:266 Resp: 122379
Ion Ratio Lower Upper
266 100
268 62.3 52.0 78.0
264 62.7 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: 36.54 ng

RT: 11.33 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

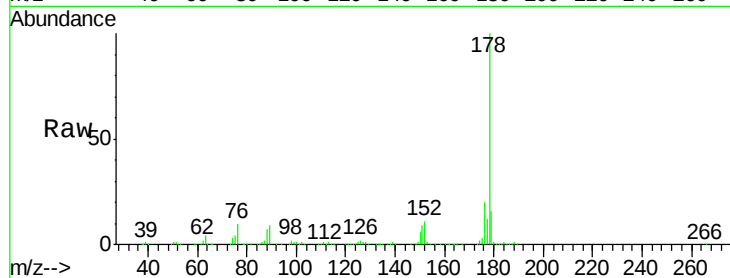
Tot Ion:178 Resp: 1105576

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

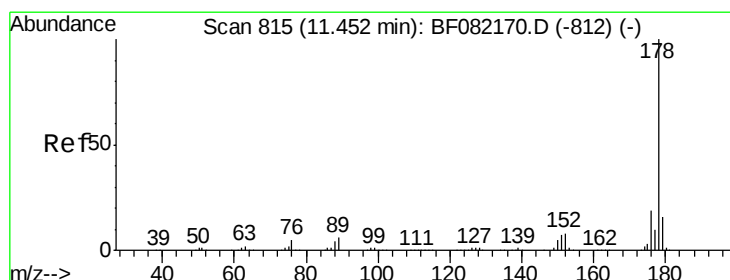
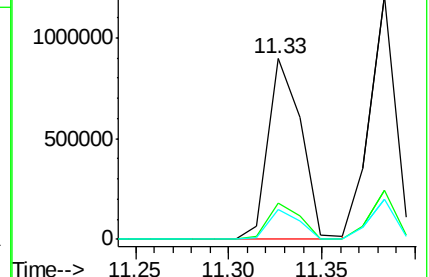
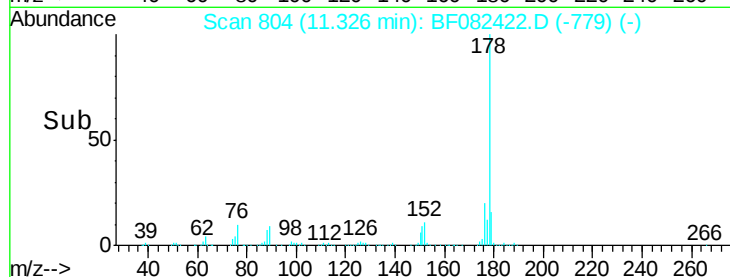
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.34 ng

RT: 11.38 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

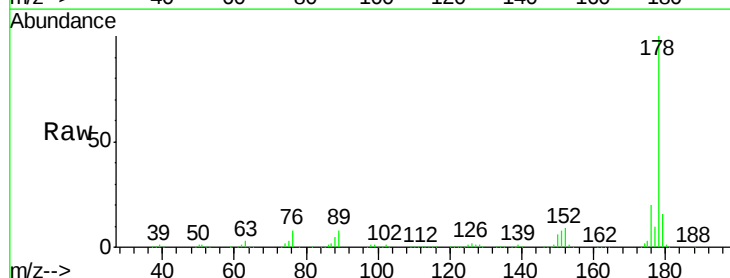
Tgt Ion:178 Resp: 1195244

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

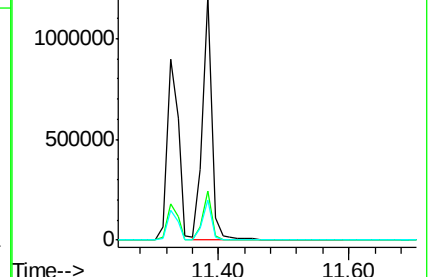
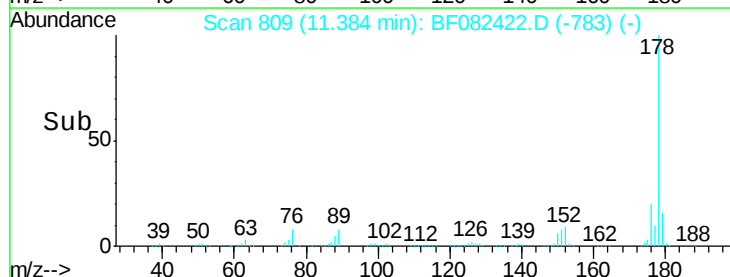
179 16.4 12.5 18.7

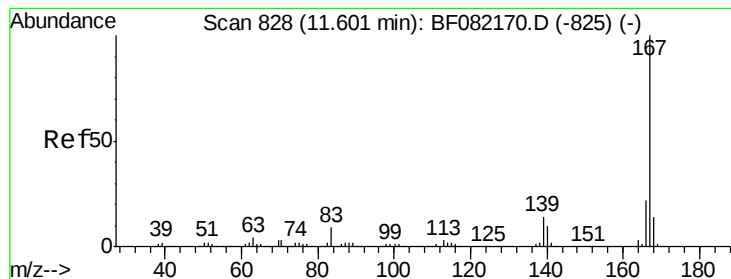


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.80 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

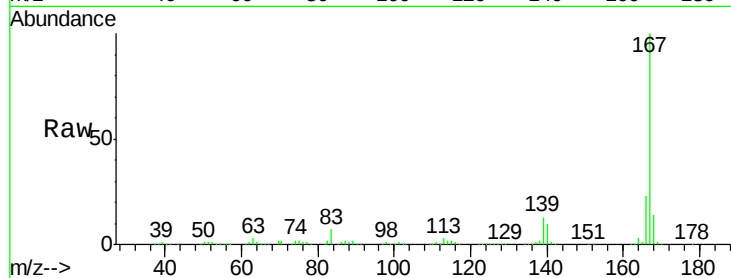
Tot Ion:167 Resp: 1075076

Ion Ratio Lower Upper

167 100

166 22.6 17.3 25.9

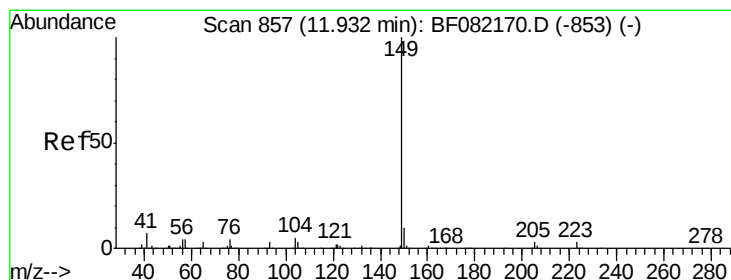
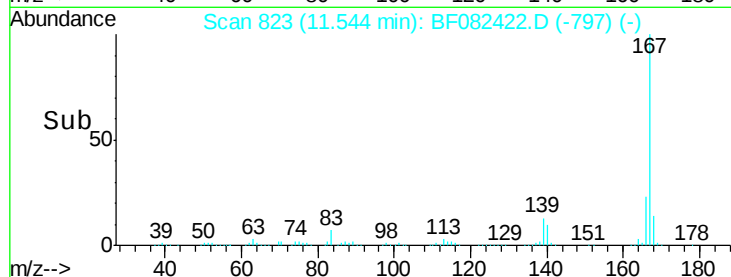
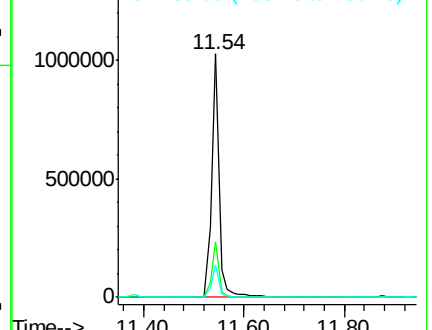
139 13.4 11.2 16.8



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: 39.18 ng

RT: 11.88 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

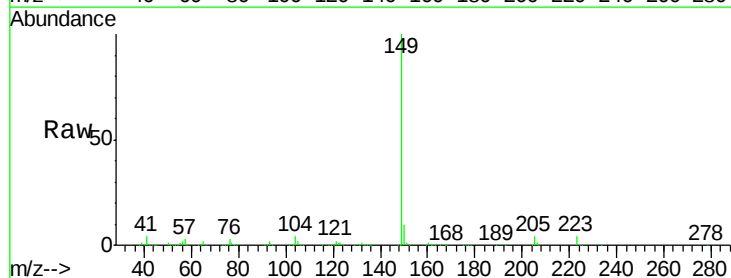
Tgt Ion:149 Resp: 1374618

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

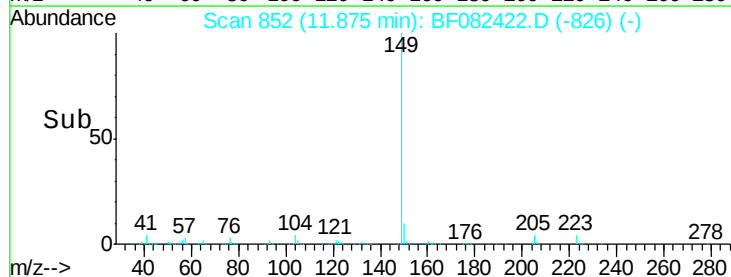
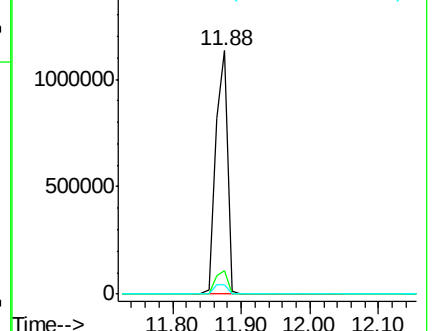
104 3.9 3.8 5.8

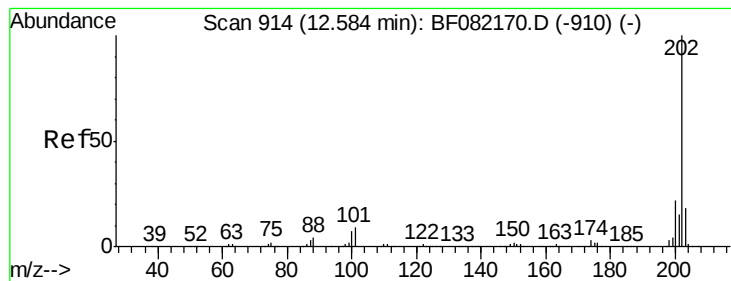


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 34.76 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

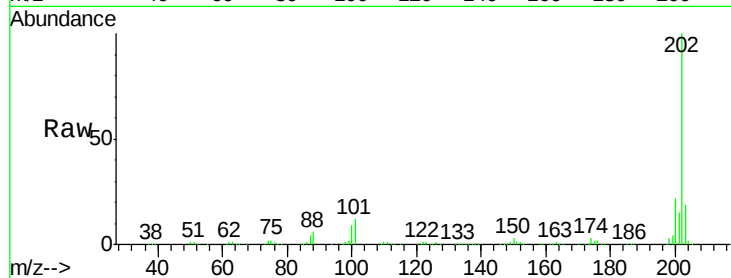
Tot Ion:202 Resp: 1129447

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.3

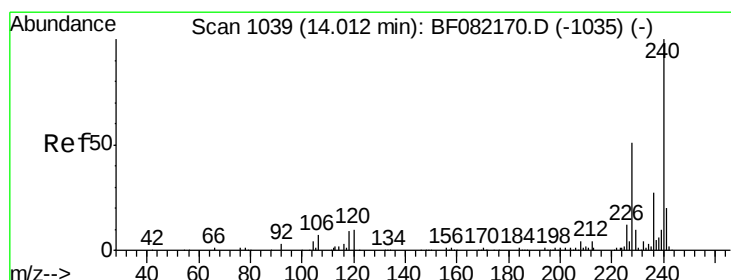
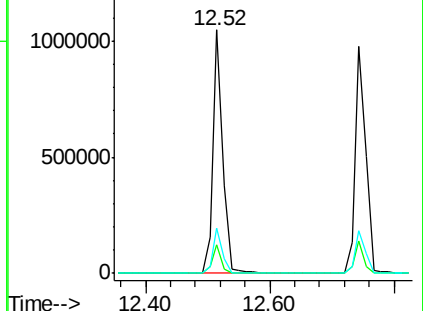
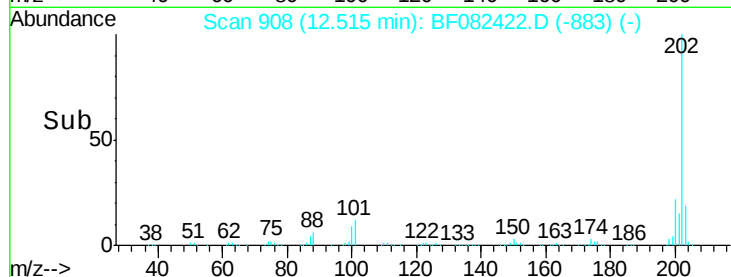
203 18.6 0.0 37.8



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: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

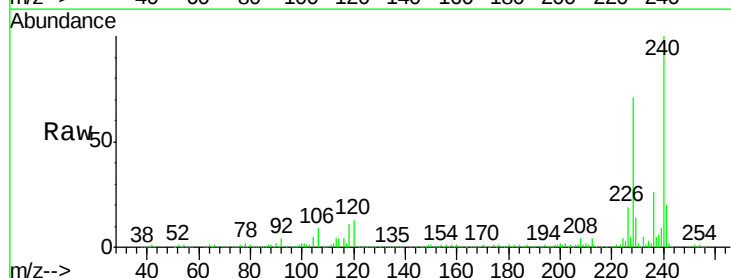
Tgt Ion:240 Resp: 458429

Ion Ratio Lower Upper

240 100

120 13.0 8.1 12.1#

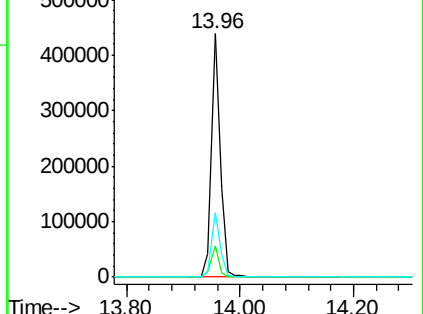
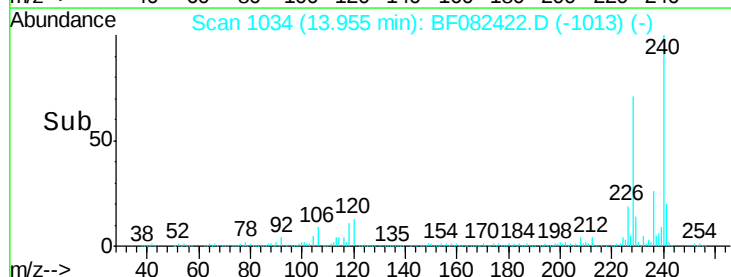
236 26.4 21.3 31.9

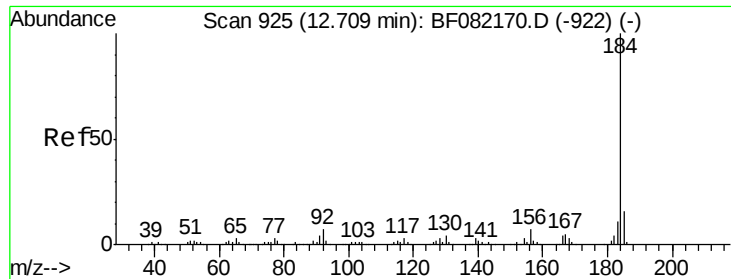


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

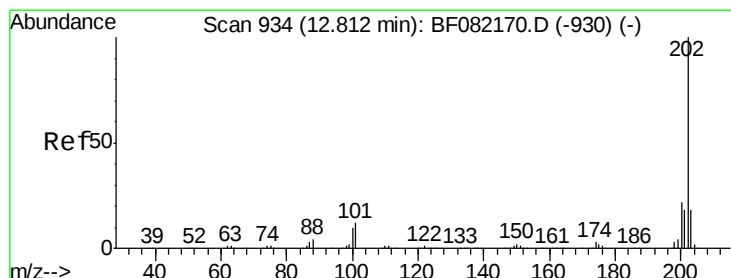
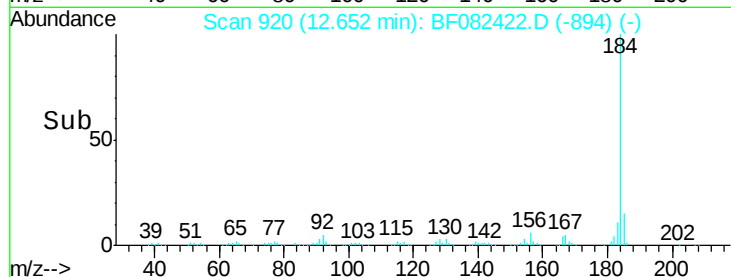
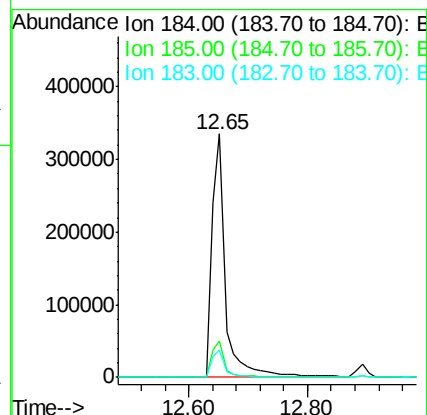
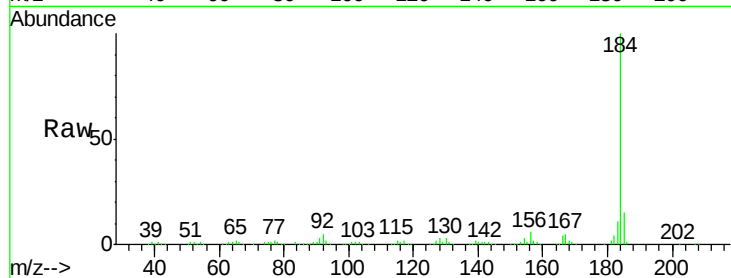




#76
Benzidine
Concen: 39.38 ng
RT: 12.65 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

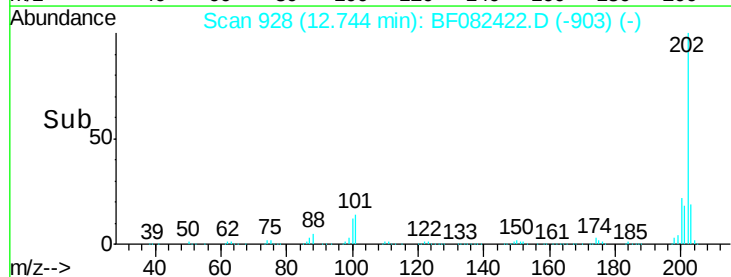
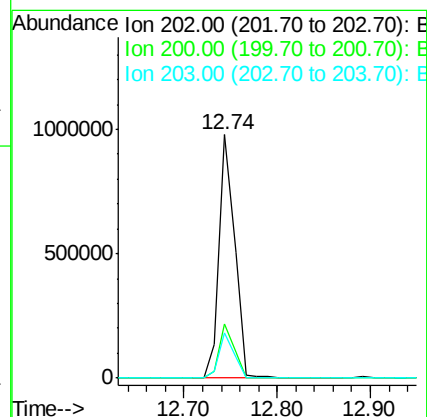
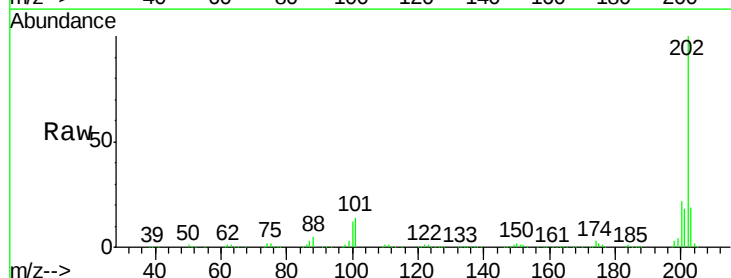
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

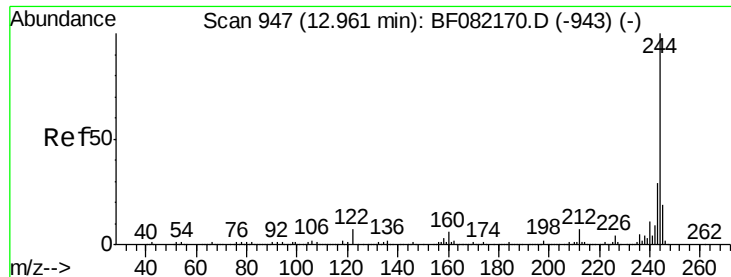
Tot Ion:184 Resp: 523107
Ion Ratio Lower Upper
184 100
185 15.0 12.5 18.7
183 11.2 9.1 13.7



#77
Pyrene
Concen: 41.60 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:202 Resp: 1131726
Ion Ratio Lower Upper
202 100
200 22.3 17.9 26.9
203 18.6 14.5 21.7

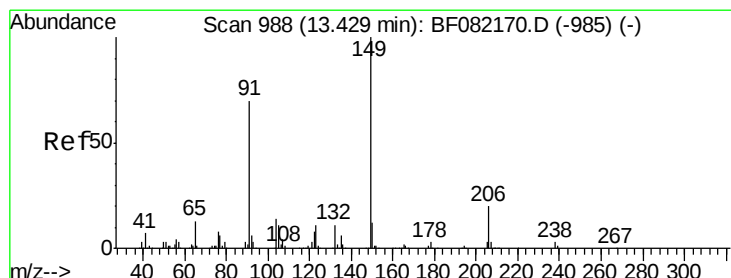
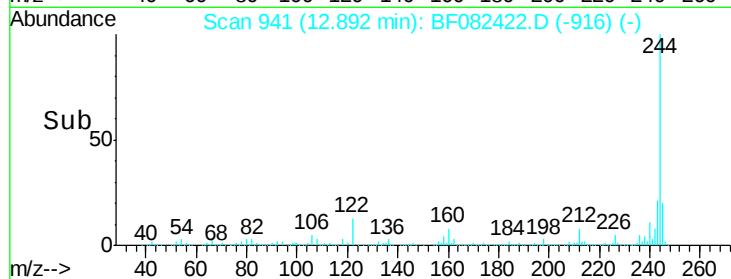
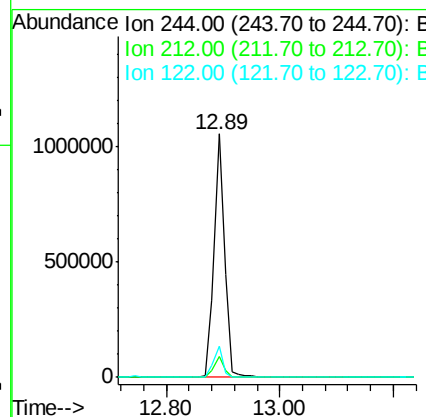
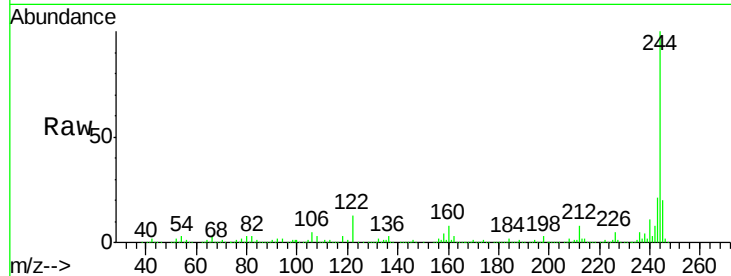




#78
 Terphenyl-d14
 Concen: 75.88 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

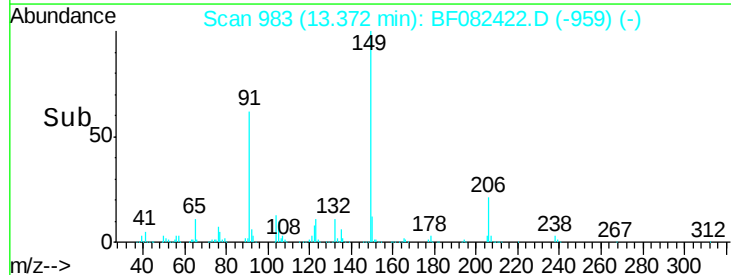
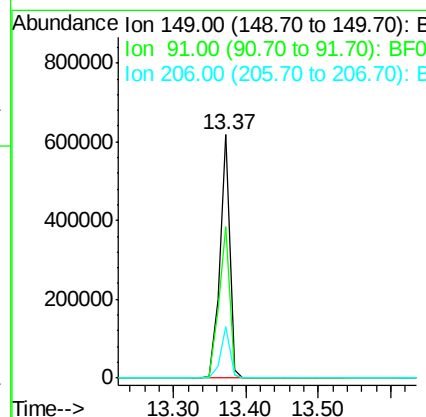
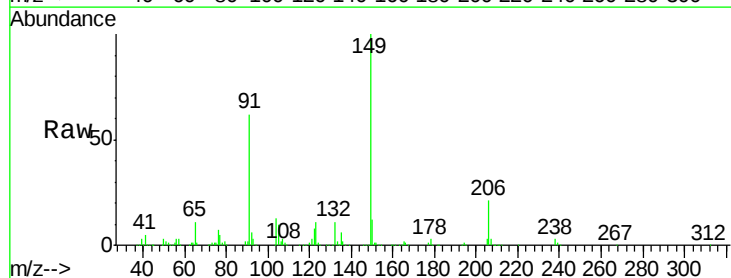
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

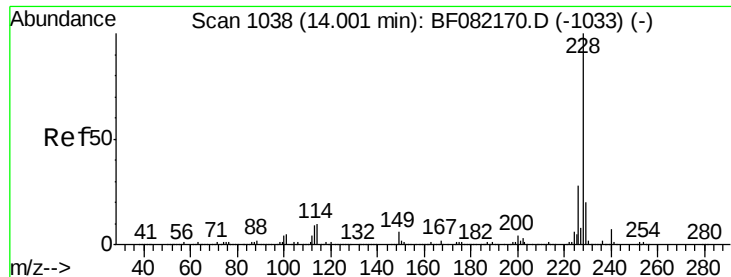
Tot Ion:244 Resp: 1312783
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 12.9 5.9 8.9#



#79
 Butylbenzylphthalate
 Concen: 46.82 ng
 RT: 13.37 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF082422.D
 Acq: 21 Oct 2015 23:49

Tgt Ion:149 Resp: 581239
 Ion Ratio Lower Upper
 149 100
 91 62.4 55.7 83.5
 206 21.2 15.6 23.4





#80

Benzo(a)anthracene

Concen: 39.10 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

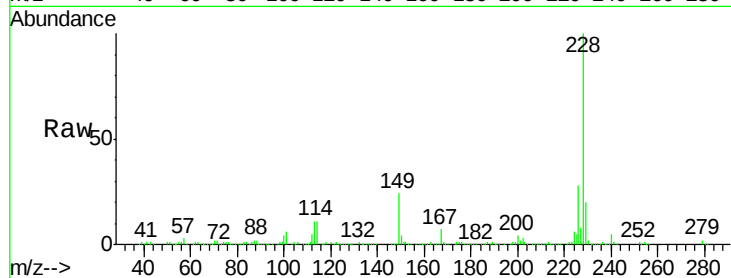
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 932567

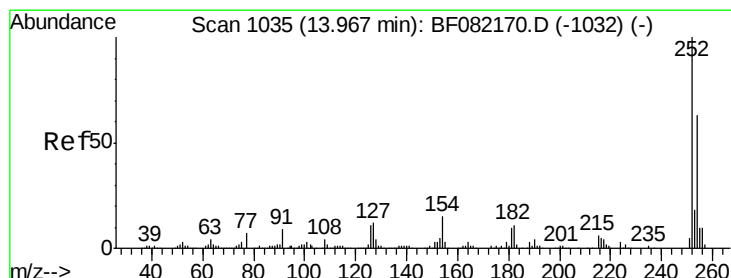
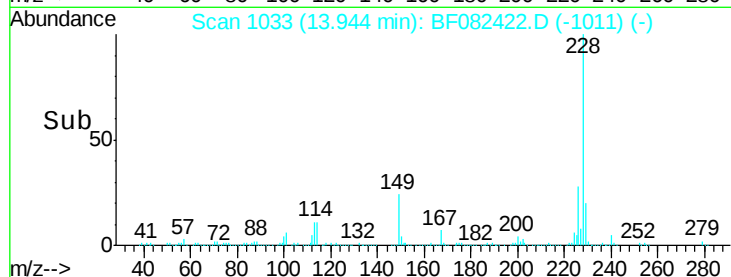
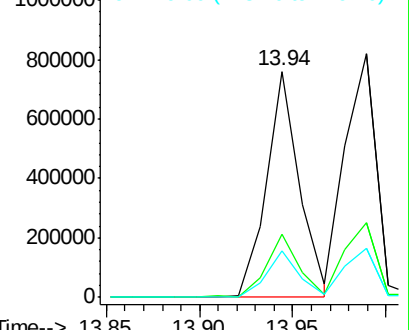
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.3	16.2	24.2



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: 37.69 ng

RT: 13.91 min Scan# 1030

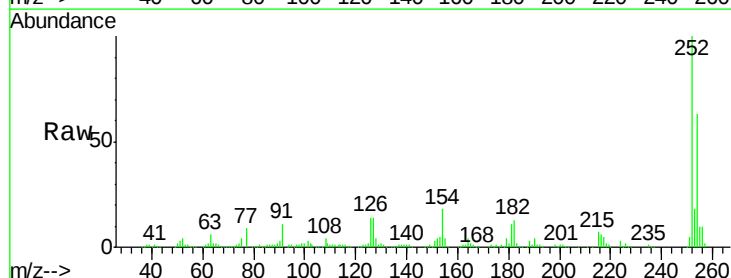
Delta R.T. -0.06 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Tgt Ion:252 Resp: 341240

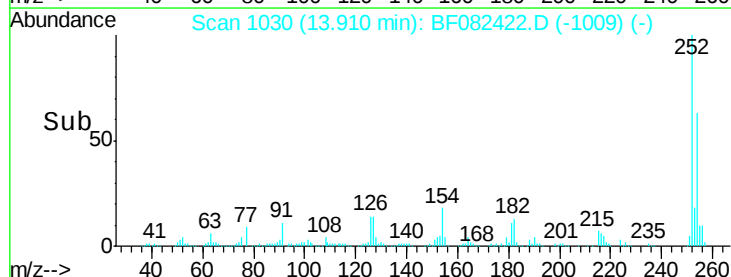
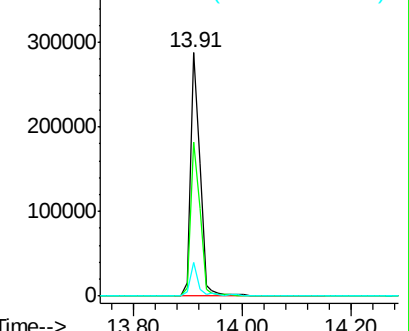
Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	13.9	9.0	13.6

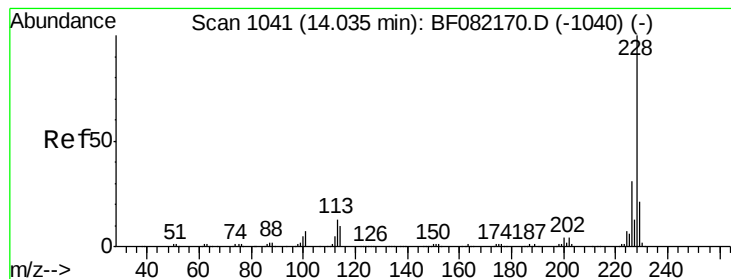


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.94 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

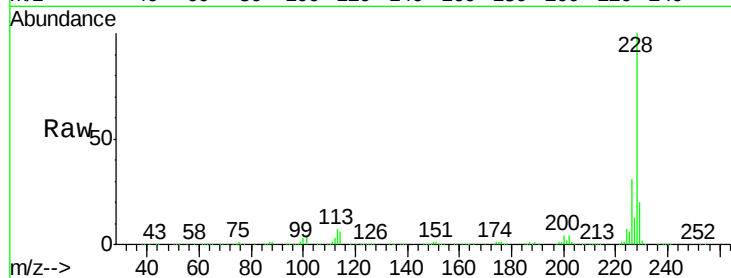
Tot Ion:228 Resp: 978787

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

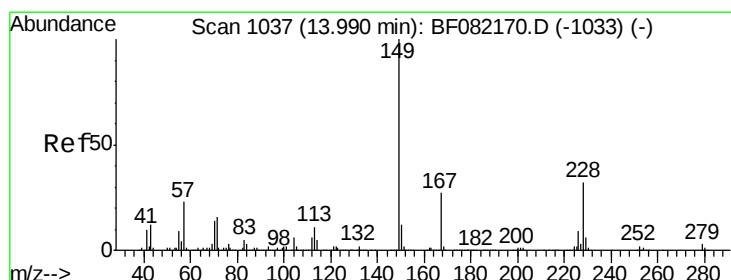
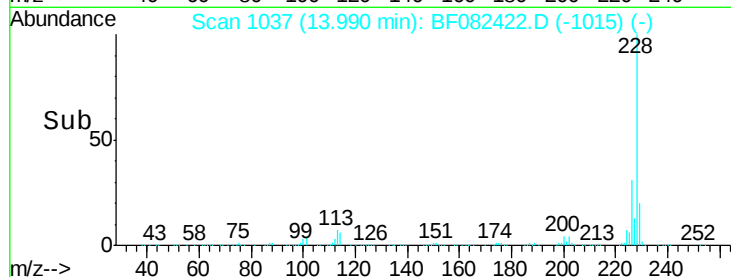
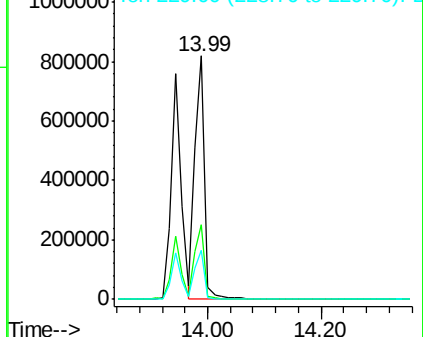
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.08 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.06 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

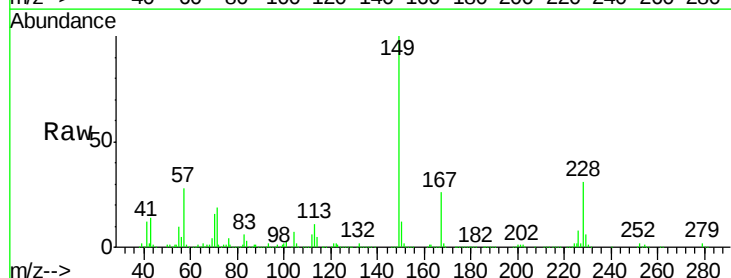
Tgt Ion:149 Resp: 727599

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

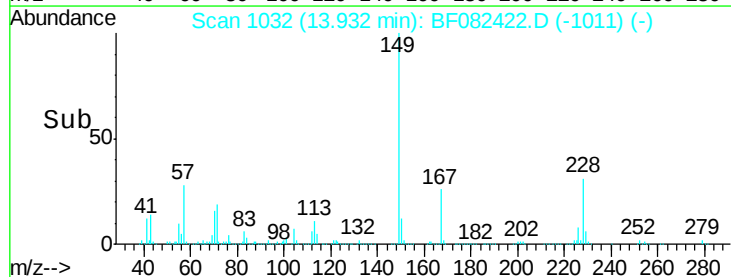
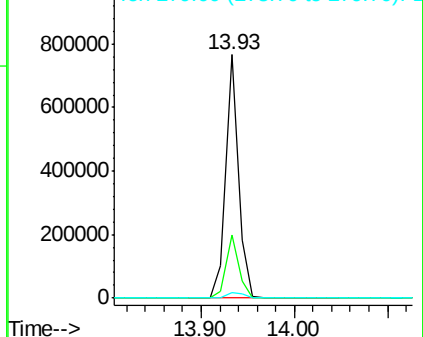
279 2.4 2.6 4.0#

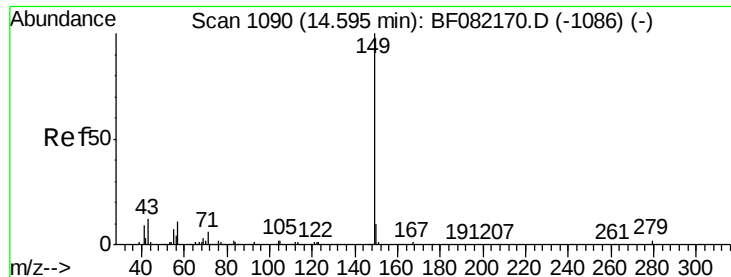


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.88 ng

RT: 14.57 min Scan# 1088

Delta R.T. -0.10 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

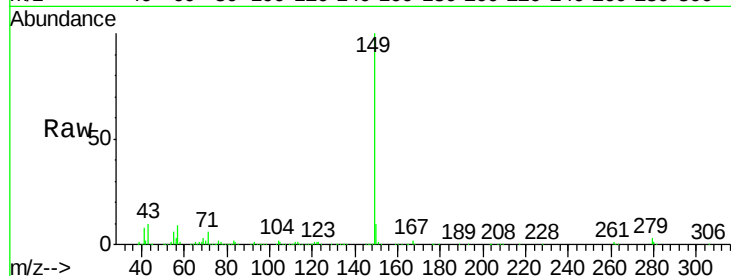
Tot Ion:149 Resp: 1152437

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

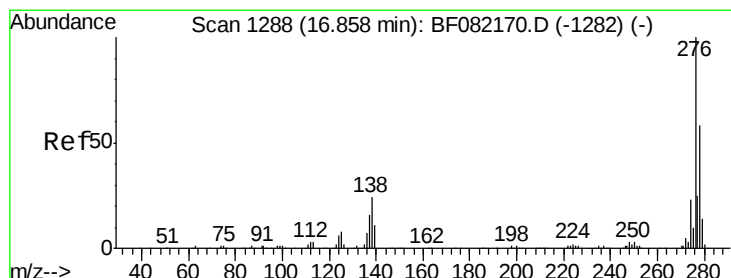
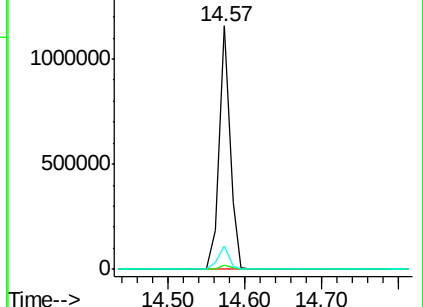
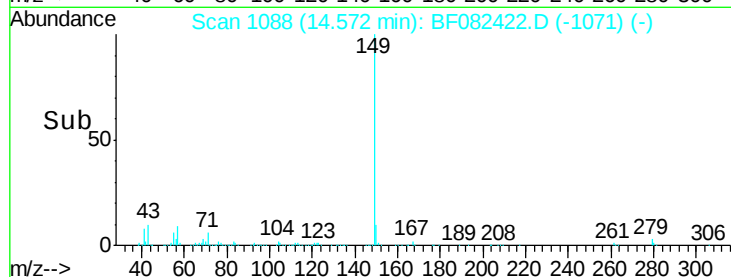
43 9.6 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.59 ng

RT: 16.80 min Scan# 1283

Delta R.T. -0.15 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

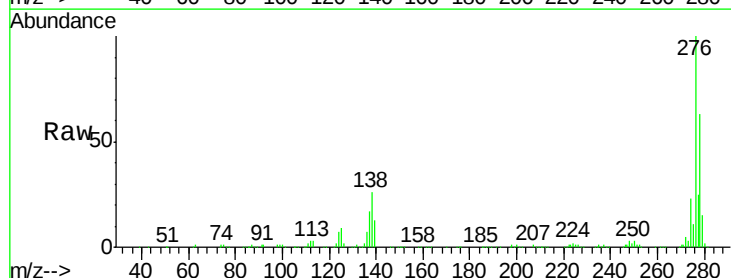
Tgt Ion:276 Resp: 790952

Ion Ratio Lower Upper

276 100

138 25.9 19.7 29.5

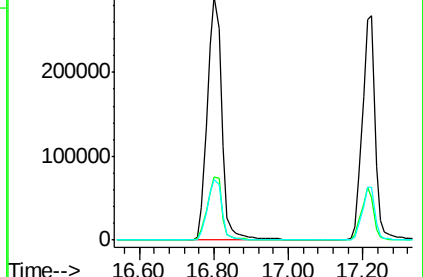
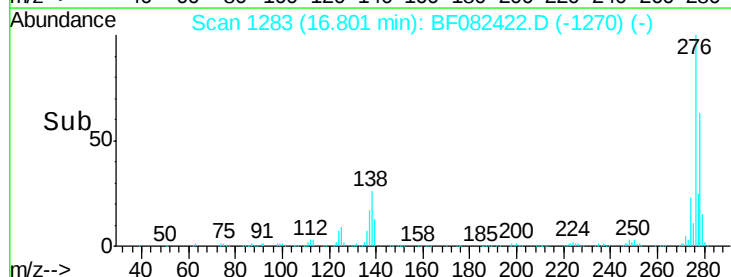
277 25.1 20.1 30.1

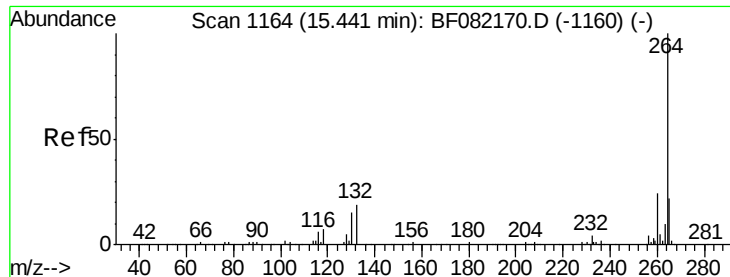


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

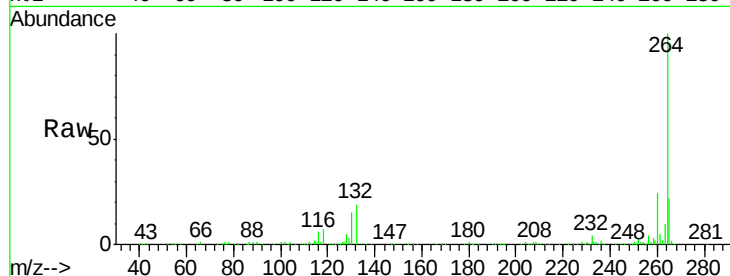




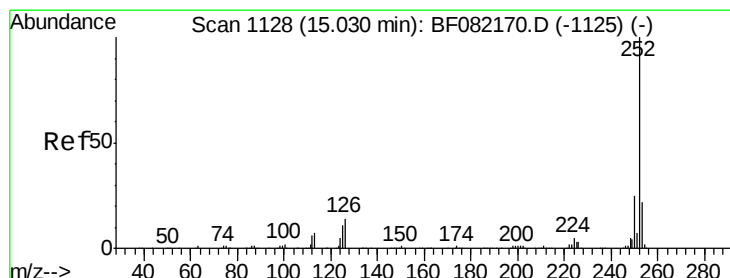
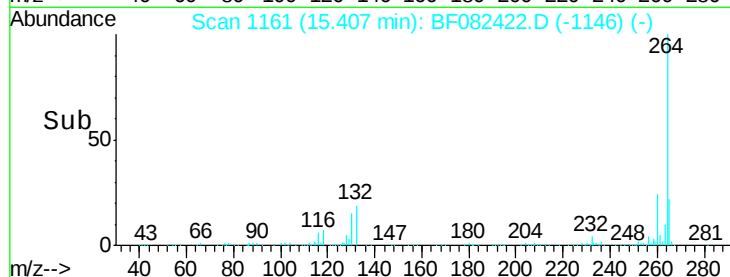
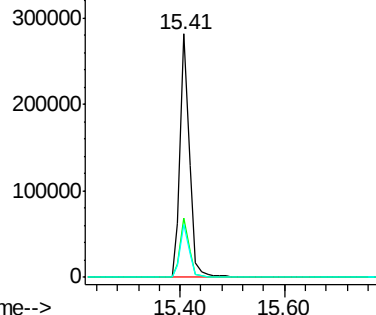
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.13 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 354349
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.9 17.3 25.9

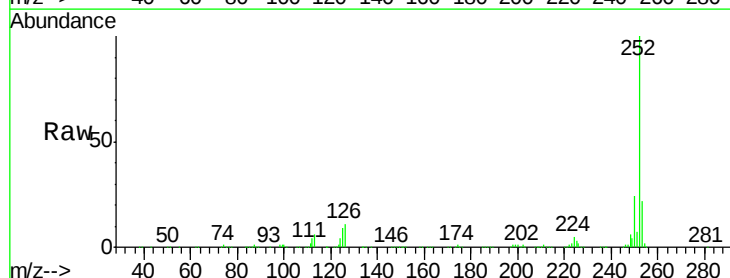


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

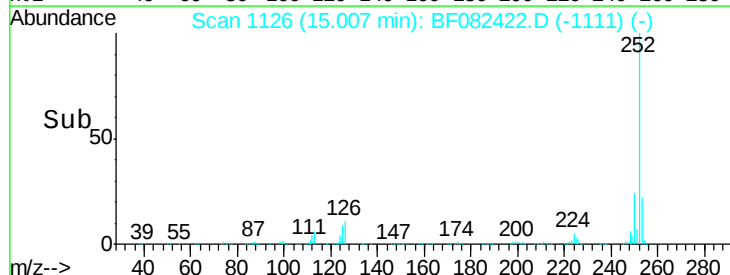
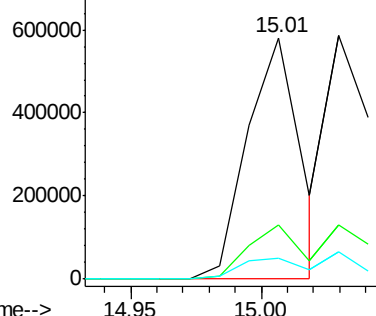


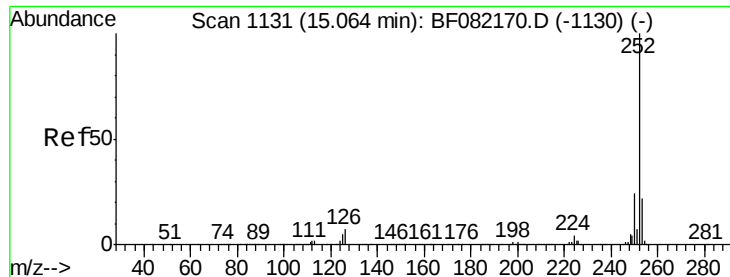
#87
Benzo(b)fluoranthene
Concen: 37.66 ng
RT: 15.01 min Scan# 1126
Delta R.T. -0.13 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:252 Resp: 811850
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 8.6 8.6 12.8



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

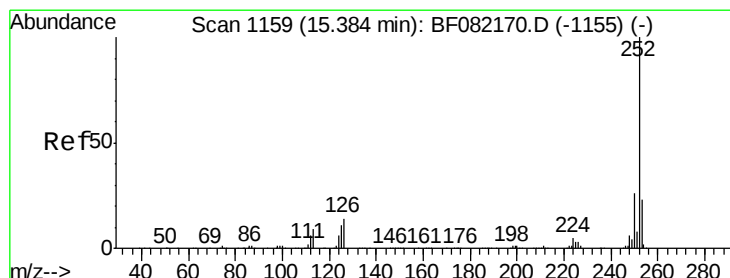
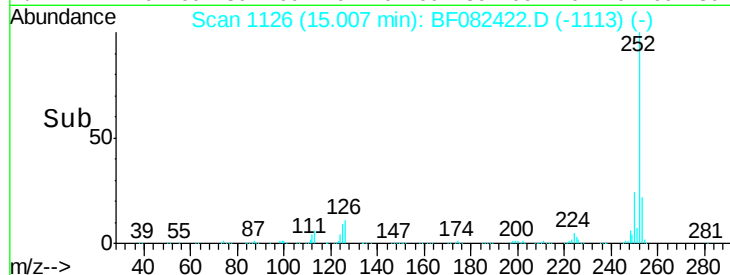
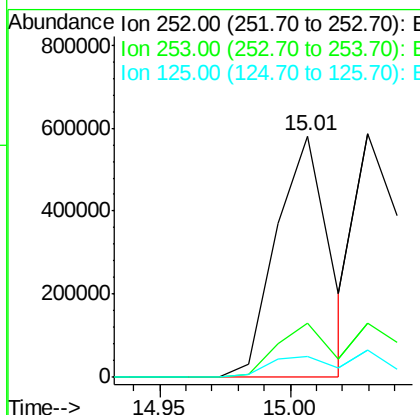
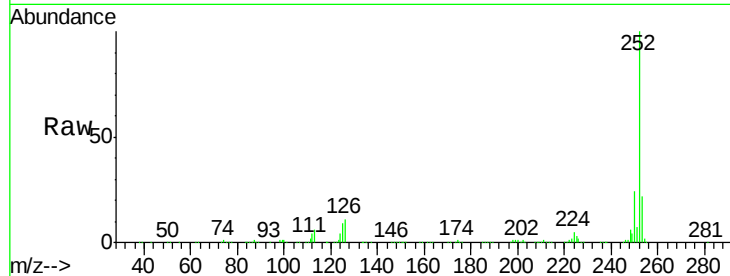




#88
Benzo(k)fluoranthene
Concen: 44.80 ng
RT: 15.01 min Scan# 1126
Delta R.T. -0.15 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

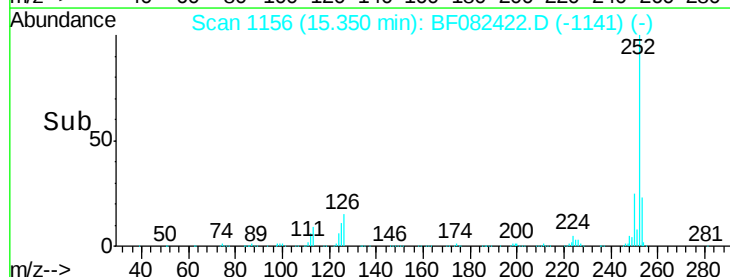
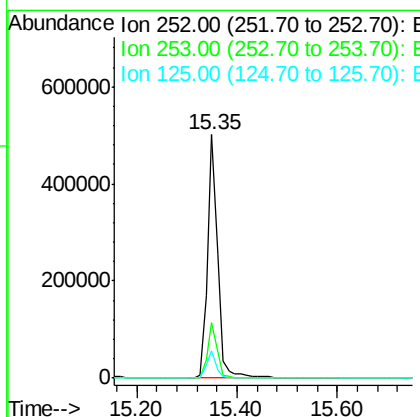
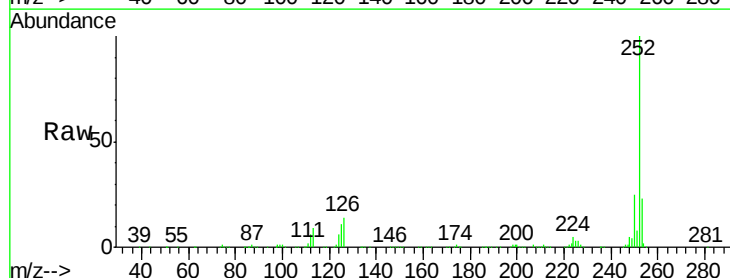
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

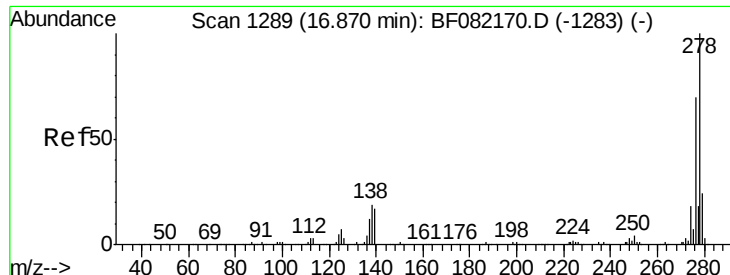
Tot Ion:252 Resp: 811850
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.6 6.7 10.1



#89
Benzo(a)pyrene
Concen: 37.57 ng
RT: 15.35 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BF082422.D
Acq: 21 Oct 2015 23:49

Tgt Ion:252 Resp: 696080
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.3 8.9 13.3





#90

Dibenzo(a,h)anthracene

Concen: 43.25 ng

RT: 16.81 min Scan# 1284

Delta R.T. -0.15 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

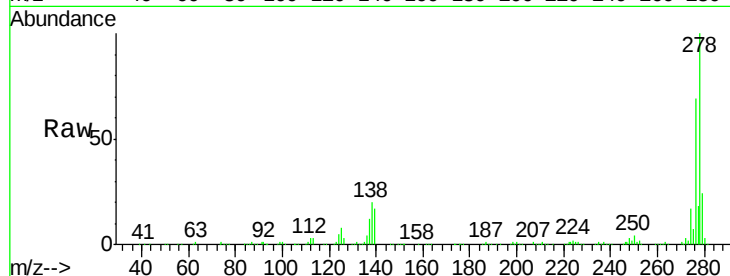
Tot Ion:278 Resp: 656593

Ion Ratio Lower Upper

278 100

139 17.3 13.3 19.9

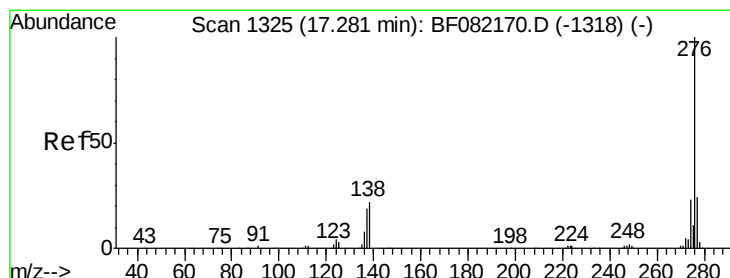
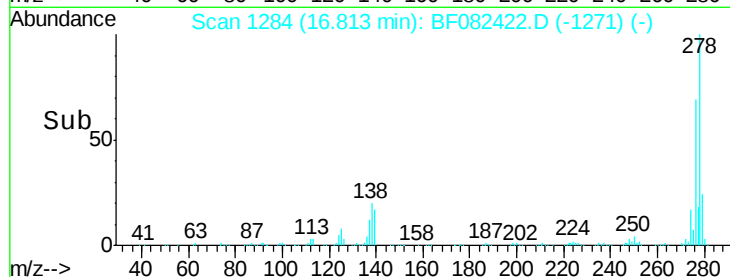
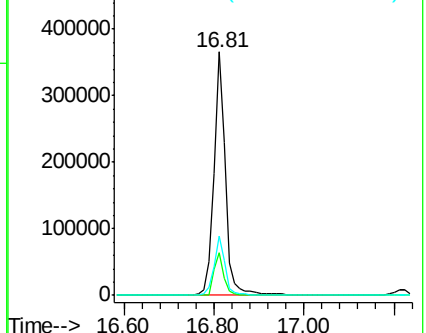
279 24.2 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.74 ng

RT: 17.22 min Scan# 1320

Delta R.T. -0.14 min

Lab File: BF082422.D

Acq: 21 Oct 2015 23:49

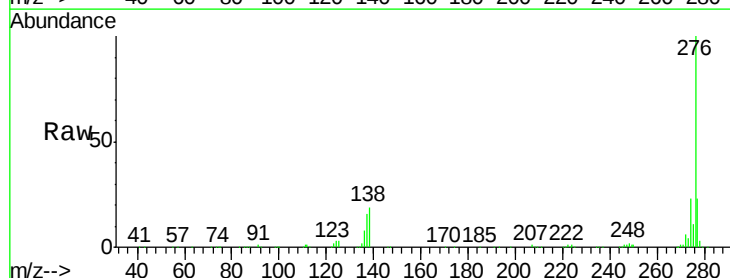
Tgt Ion:276 Resp: 645084

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.2 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

