

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082400.D
 Acq On : 21 Oct 2015 12:55
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 15:38:20 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	6.78	152	162374m	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	643452	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	311561	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	594689	20.00	ng	0.00
75) Chrysene-d12	14.01	240	467936	20.00	ng	0.00
86) Perylene-d12	15.53	264	355198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	648257	80.57	ng	0.00
7) Phenol-d6	6.42	99	805028	76.89	ng	0.00
23) Nitrobenzene-d5	7.35	82	741364	77.37	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	204104	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1355034	72.13	ng	0.00
78) Terphenyl-d14	12.90	244	1384450	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	146129	36.15	ng	98
3) Pyridine	2.99	79	404314	43.01	ng	98
4) n-Nitrosodimethylamine	2.97	42	165173	41.42	ng	96
6) Aniline	6.45	93	546927	40.52	ng	97
8) 2-Chlorophenol	6.56	128	387089	39.41	ng	91
9) Benzaldehyde	6.32	77	225127	42.11	ng	100
10) Phenol	6.43	94	432187m	35.80	ng	
11) bis(2-Chloroethyl)ether	6.51	93	363233	35.58	ng	92
12) 1,3-Dichlorobenzene	6.71	146	426083m	37.25	ng	
13) 1,4-Dichlorobenzene	6.79	146	441815m	36.99	ng	
14) 1,2-Dichlorobenzene	6.95	146	415079	36.60	ng	# 91
15) Benzyl Alcohol	6.93	79	282576	39.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	539022	37.92	ng	96
17) 2-Methylphenol	7.04	107	297146	38.26	ng	98
18) Hexachloroethane	7.28	117	156678	38.32	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	269074m	36.60	ng	
20) 3+4-Methylphenols	7.20	107	342215	36.98	ng	94
22) Acetophenone	7.20	105	513215	40.32	ng	94
24) Nitrobenzene	7.37	77	422773	40.76	ng	95
25) Isophorone	7.61	82	753435	38.96	ng	96
26) 2-Nitrophenol	7.68	139	198619	38.35	ng	# 80
27) 2,4-Dimethylphenol	7.73	122	321037	38.48	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	443466	39.41	ng	99
29) 2,4-Dichlorophenol	7.93	162	349484	41.90	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	374203	38.92	ng	96
31) Naphthalene	8.09	128	1061790	38.07	ng	100
32) Benzoic acid	7.86	122	156410m	27.93	ng	
33) 4-Chloroaniline	8.15	127	453014	39.11	ng	# 94
34) Hexachlorobutadiene	8.19	225	210068	35.07	ng	97
35) Caprolactam	8.54	113	96115	39.71	ng	# 76
36) 4-Chloro-3-methylphenol	8.64	107	348279	42.70	ng	# 85
37) 2-Methylnaphthalene	8.78	142	723649	37.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	382197	41.24	ng	98
40) Hexachlorocyclopentadiene	8.93	237	131555	33.45	ng	98

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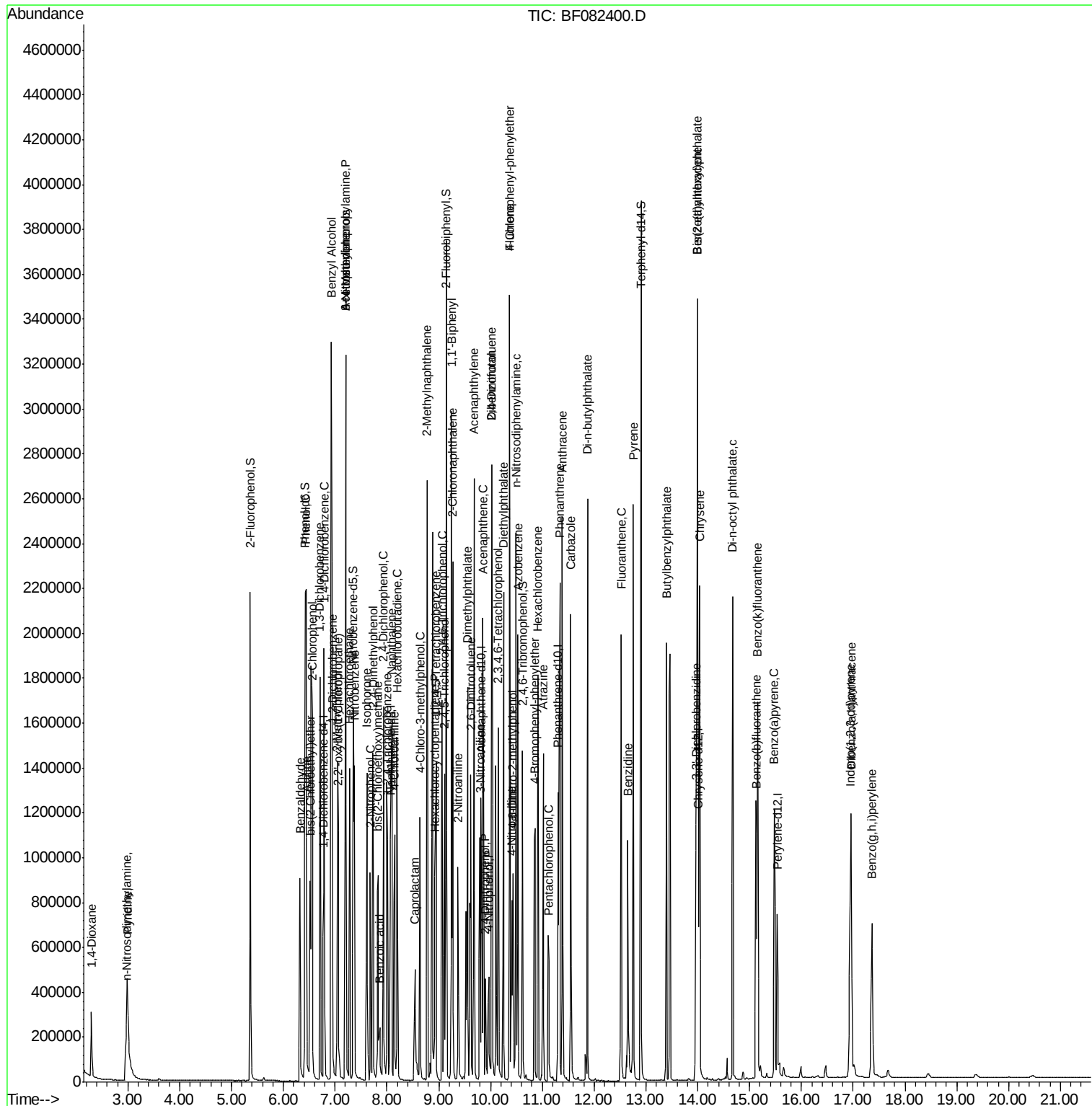
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253018	41.11	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	263164	39.47	nq	99
45) 1,1'-Biphenyl	9.25	154	897055	37.76	nq	97
46) 2-Chloronaphthalene	9.27	162	695996	37.21	nq	94
47) 2-Nitroaniline	9.37	65	199427	38.84	nq	96
48) Acenaphthylene	9.68	152	1030722	35.38	nq	99
49) Dimethylphthalate	9.55	163	802535	36.58	nq	99
50) 2,6-Dinitrotoluene	9.62	165	201033	43.43	nq	98
51) Acenaphthene	9.85	154	633075	36.20	nq	99
52) 3-Nitroaniline	9.79	138	229080	43.81	nq	100
53) 2,4-Dinitrophenol	9.90	184	83488	36.09	nq	95
54) Dibenzofuran	10.02	168	911140	37.94	nq	96
55) 4-Nitrophenol	9.97	139	118541	40.68	nq	89
56) 2,4-Dinitrotoluene	10.02	165	220946	38.19	nq	# 85
57) Fluorene	10.37	166	714774	36.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	198462	36.43	nq	98
59) Diethylphthalate	10.25	149	823333	40.26	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	389403	43.10	nq	# 87
61) 4-Nitroaniline	10.41	138	210213	41.45	nq	97
62) Azobenzene	10.53	77	838944	41.92	nq	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	125406	37.58	nq	75
65) n-Nitrosodiphenylamine	10.49	169	746728	41.94	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	234031	39.32	nq	# 86
67) Hexachlorobenzene	10.91	284	233690	36.31	nq	# 74
68) Atrazine	11.02	200	191747	33.99	nq	99
69) Pentachlorophenol	11.12	266	118031	35.64	nq	98
70) Phenanthrene	11.34	178	1187513	40.74	nq	100
71) Anthracene	11.38	178	1098410	36.57	nq	99
72) Carbazole	11.54	167	973653	35.53	nq	99
73) Di-n-butylphthalate	11.88	149	1352311	40.01	nq	100
74) Fluoranthene	12.53	202	1247345	39.84	nq	97
76) Benzidine	12.65	184	529053	39.01	nq	99
77) Pyrene	12.76	202	1241576	44.71	nq	99
79) Butylbenzylphthalate	13.40	149	582582	45.97	nq	91
80) Benzo(a)anthracene	13.99	228	919865	37.78	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	385649	41.73	nq	# 97
82) Chrysene	14.04	228	922374	35.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	738889	40.87	nq	100
84) Di-n-octyl phthalate	14.68	149	1202934	38.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	737337	36.16	nq	98
87) Benzo(b)fluoranthene	15.13	252	890006	41.18	nq	# 95
88) Benzo(k)fluoranthene	15.16	252	637271m	35.08	nq	
89) Benzo(a)pyrene	15.48	252	707106	38.07	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	616113	40.48	nq	100
91) Benzo(g,h,i)perylene	17.36	276	602795	40.77	nq	98

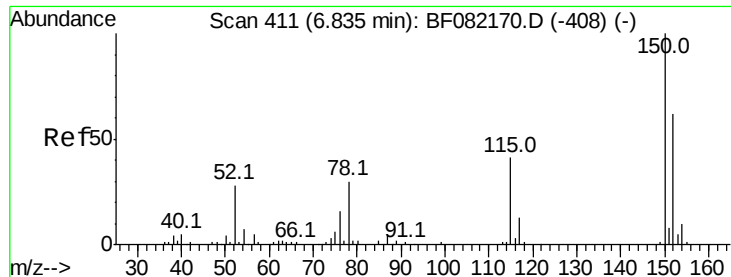
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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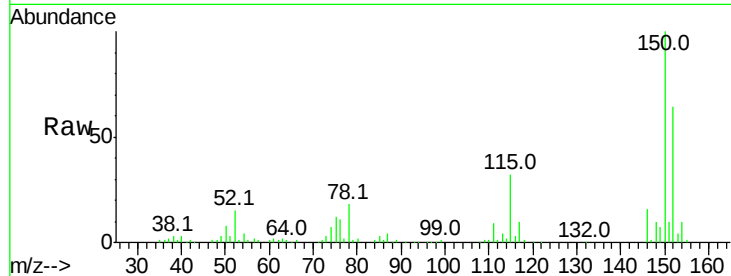


#1

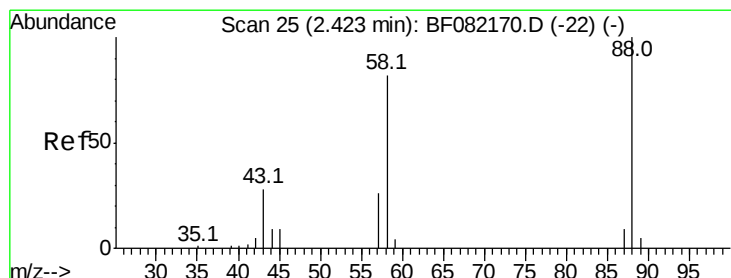
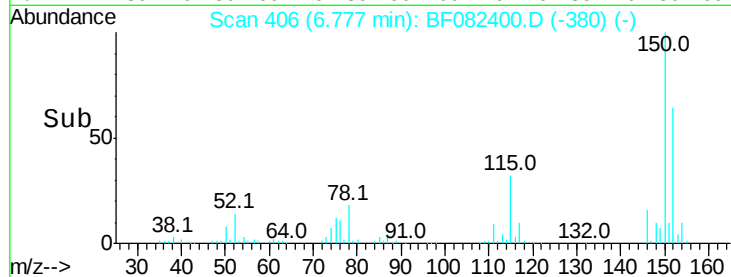
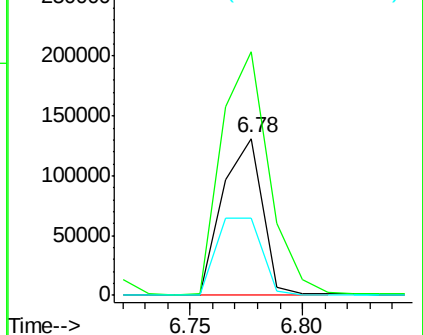
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 162374
Ion Ratio Lower Upper
152 100
150 155.2 129.0 193.4
115 49.5 52.1 78.1#



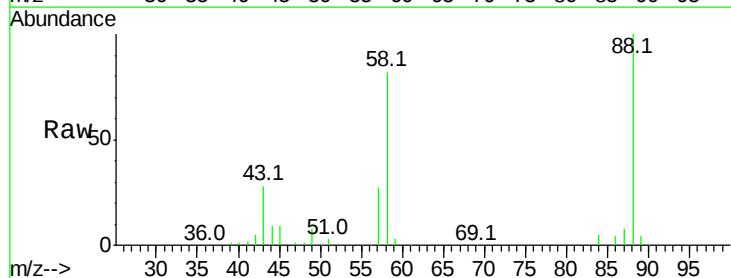
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



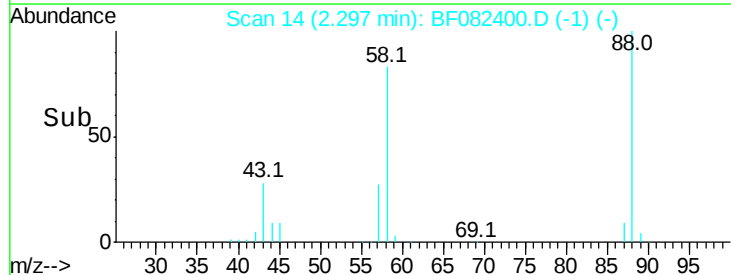
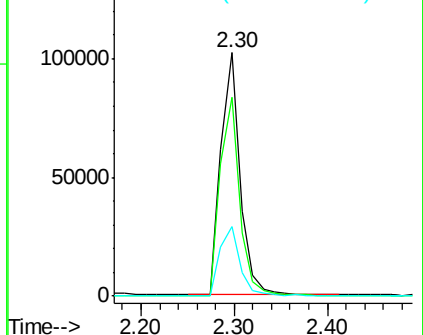
#2

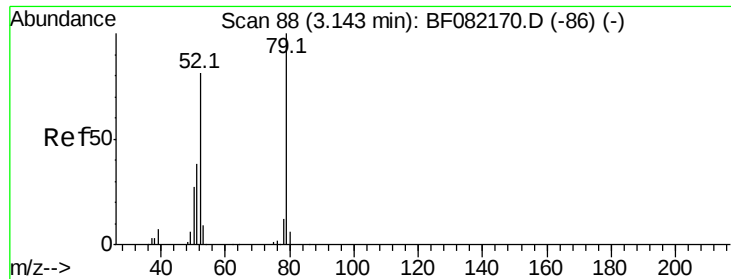
1,4-Dioxane
Concen: 36.15 ng
RT: 2.30 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion: 88 Resp: 146129
Ion Ratio Lower Upper
88 100
58 83.5 66.2 99.4
43 31.4 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: 43.01 ng

RT: 2.99 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

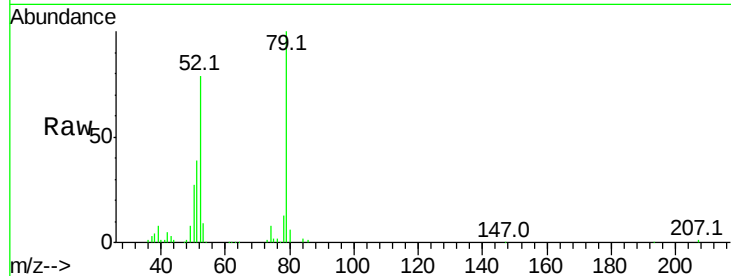
Tot Ion: 79 Resp: 404314

Ion Ratio Lower Upper

79 100

52 78.9 64.4 96.6

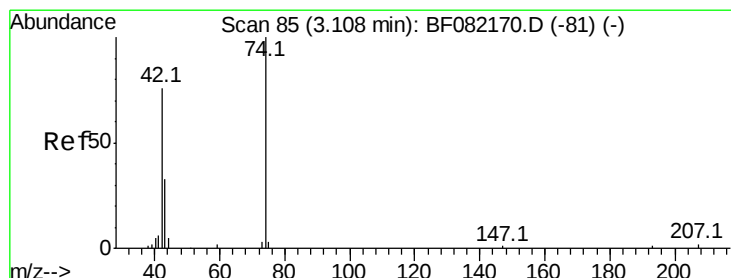
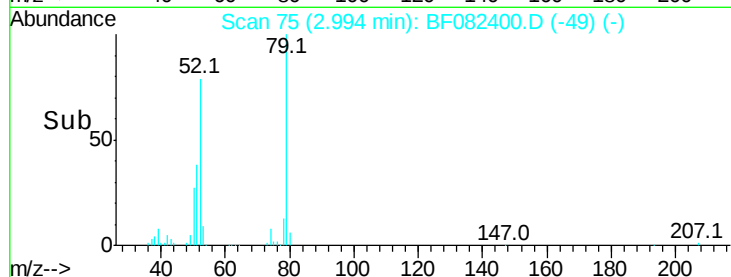
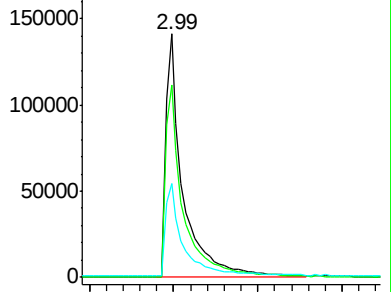
51 38.7 30.5 45.7



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: 41.42 ng

RT: 2.97 min Scan# 73

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

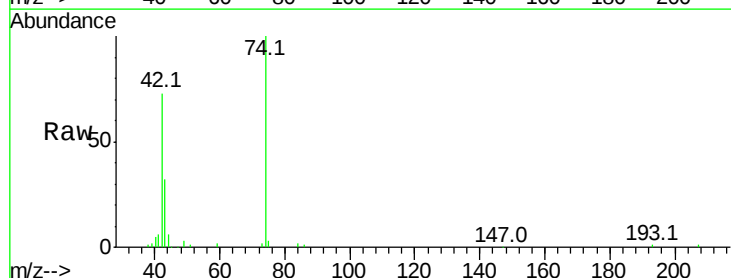
Tgt Ion: 42 Resp: 165173

Ion Ratio Lower Upper

42 100

74 136.8 105.7 158.5

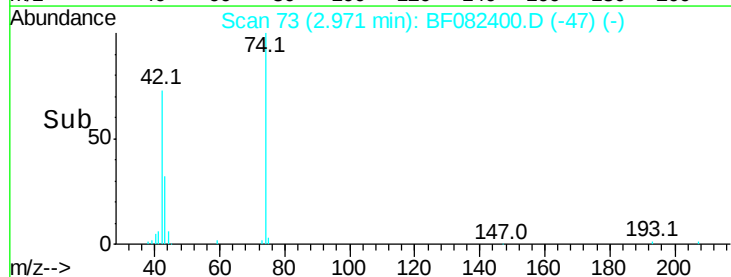
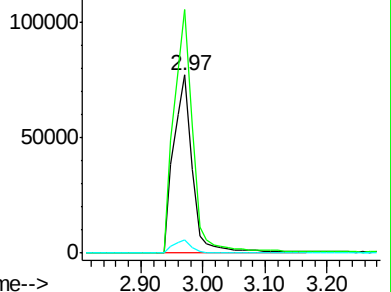
44 7.6 5.4 8.2

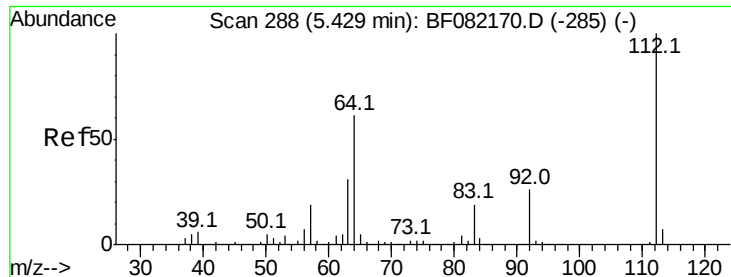


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.57 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF082400.D

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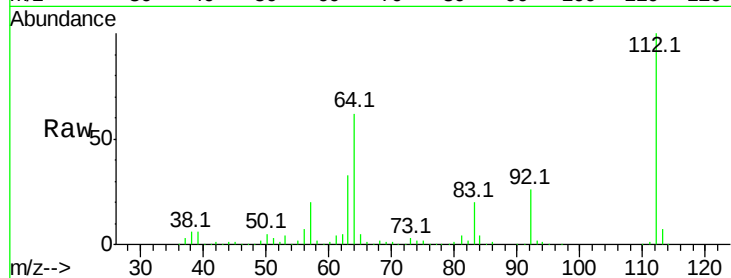
Tot Ion:112 Resp: 648257

Ion Ratio Lower Upper

112 100

64 62.5 48.6 73.0

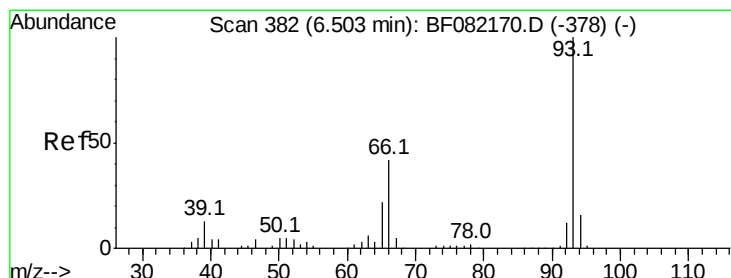
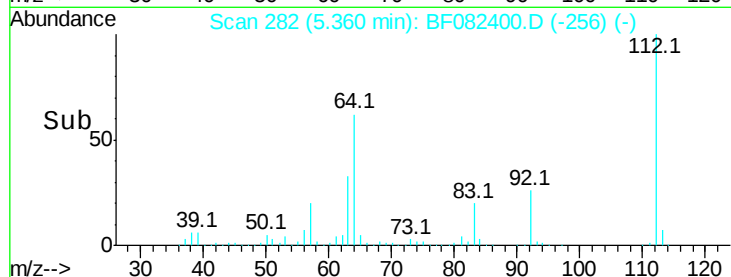
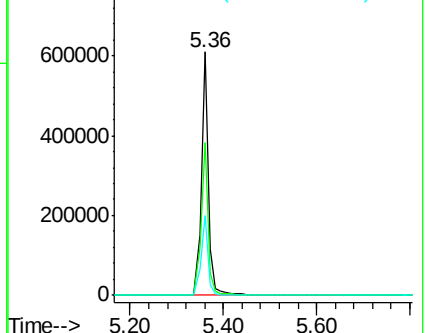
63 33.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.52 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

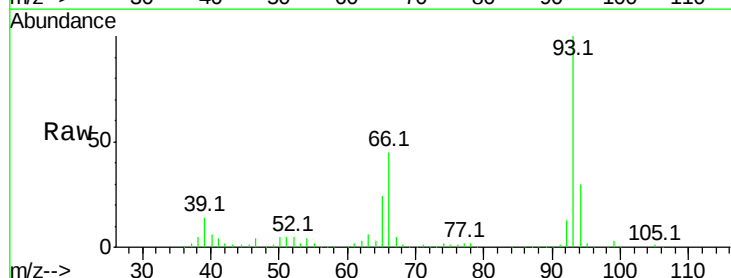
Tgt Ion: 93 Resp: 546927

Ion Ratio Lower Upper

93 100

66 44.7 34.2 51.2

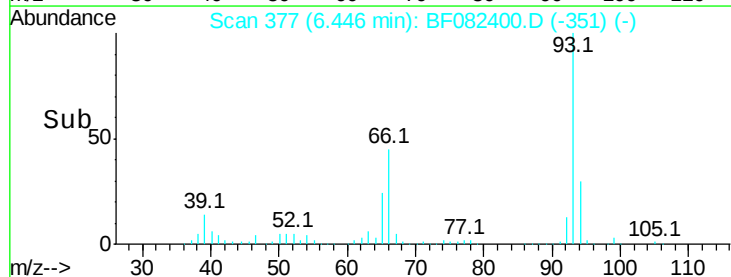
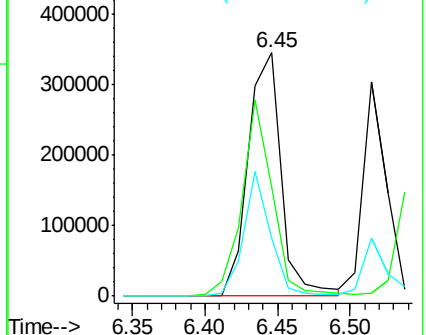
65 23.9 17.9 26.9

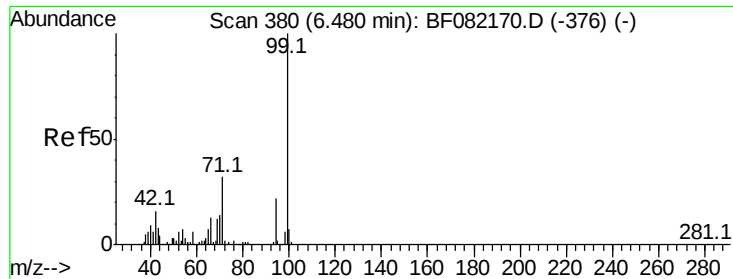


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.89 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

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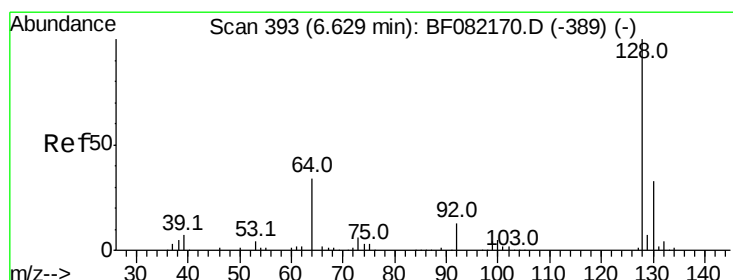
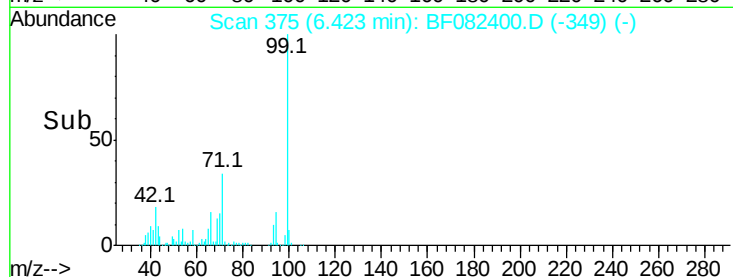
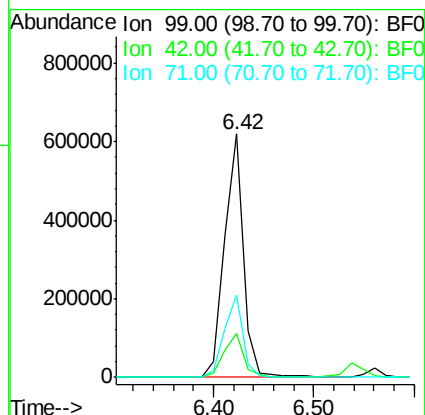
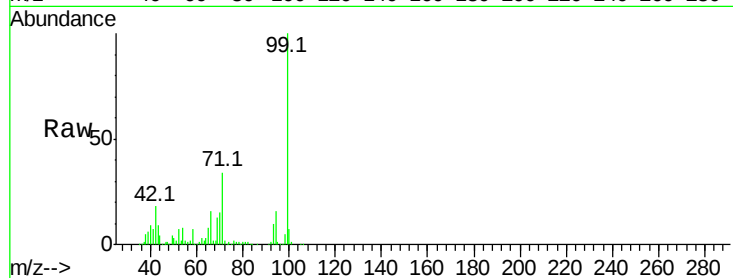
Tot Ion: 99 Resp: 805028

Ion Ratio Lower Upper

99 100

42 17.9 13.2 19.8

71 34.0 25.6 38.4



#8

2-Chlorophenol

Concen: 39.41 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

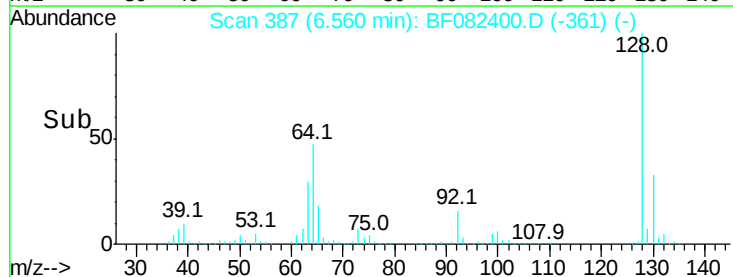
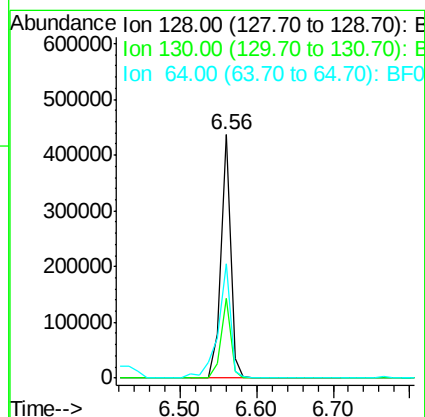
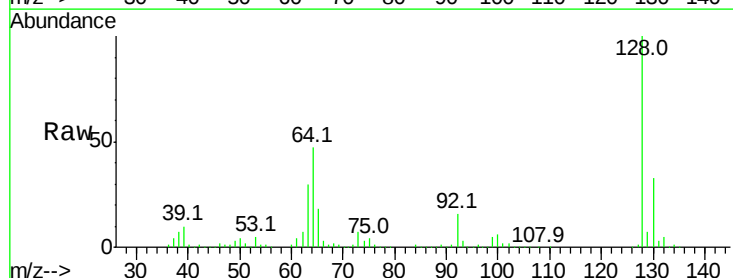
Tgt Ion: 128 Resp: 387089

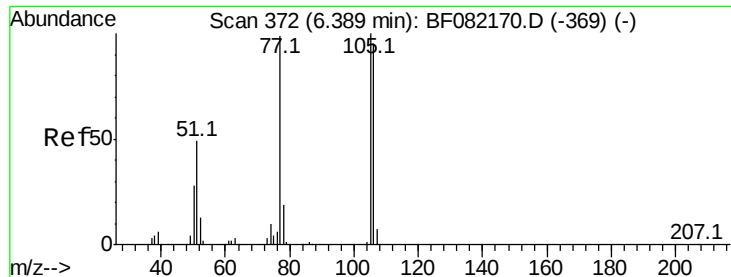
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 47.0 16.7 56.7





#9

Benzaldehyde

Concen: 42.11 ng

RT: 6.32 min Scan# 366

Delta R.T. 0.00 min

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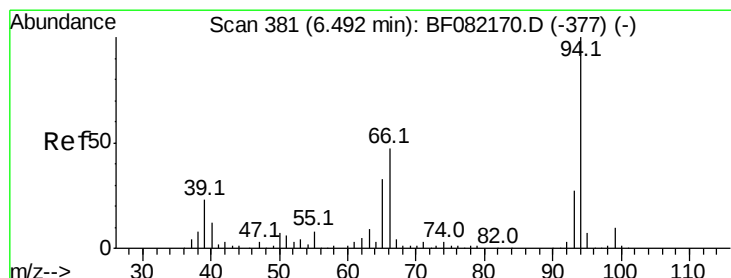
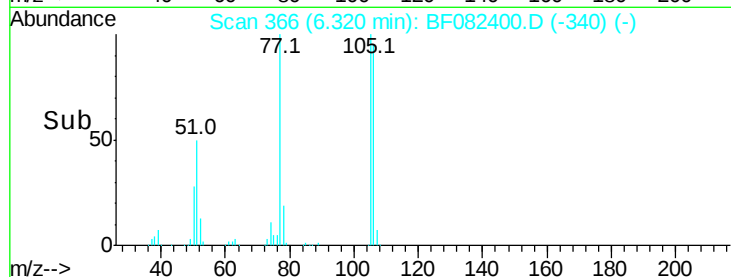
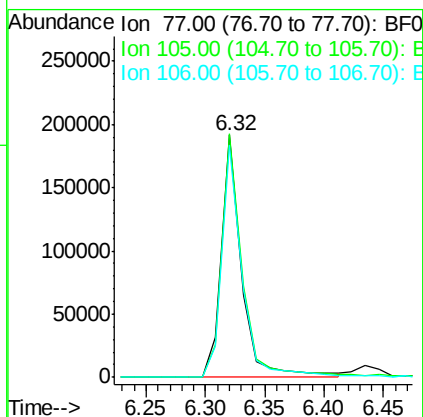
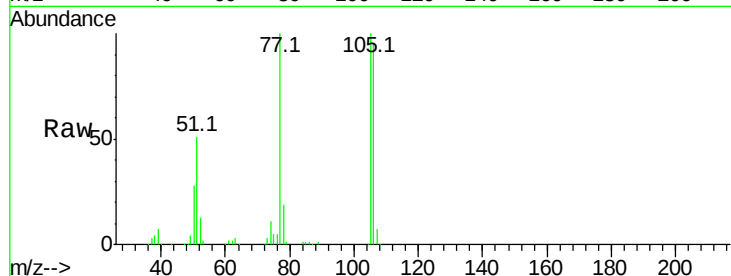
Tot Ion: 77 Resp: 225127

Ion Ratio Lower Upper

77 100

105 100.5 80.6 120.6

106 95.7 75.5 115.5



#10

Phenol

Concen: 35.80 ng m

RT: 6.43 min Scan# 376

Delta R.T. 0.00 min

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Acq: 21 Oct 2015 12:55

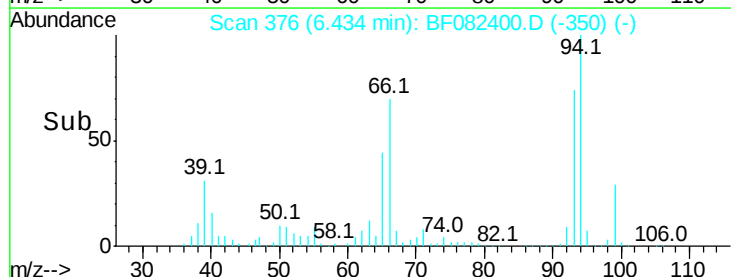
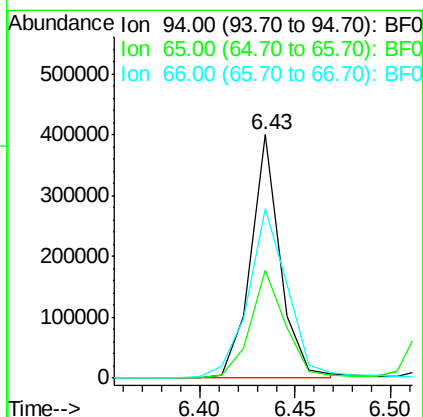
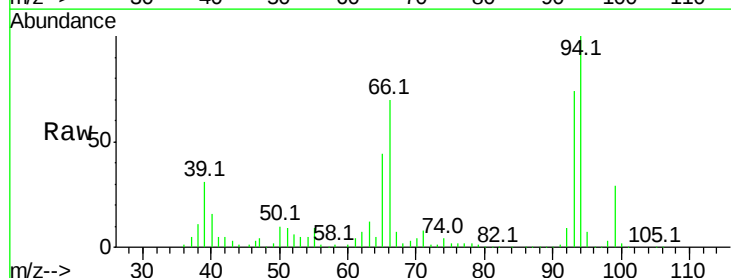
Tgt Ion: 94 Resp: 432187

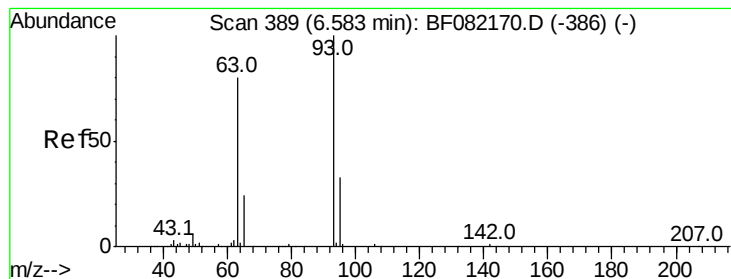
Ion Ratio Lower Upper

94 100

65 44.2 12.6 52.6

66 69.6 27.3 67.3#





#11

bis(2-Chloroethyl)ether

Concen: 35.58 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

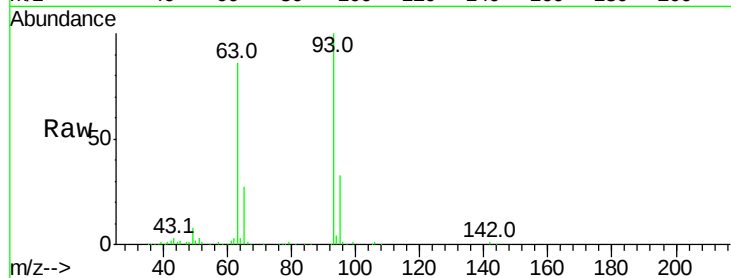
Tot Ion: 93 Resp: 363233

Ion Ratio Lower Upper

93 100

63 86.3 57.1 97.1

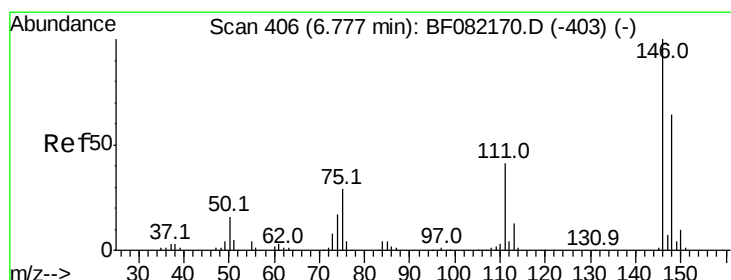
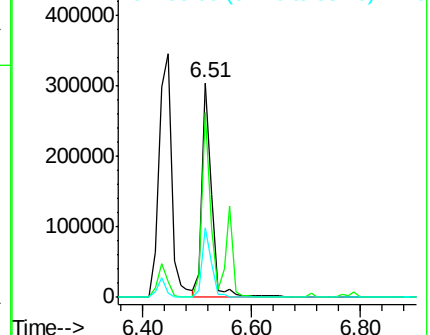
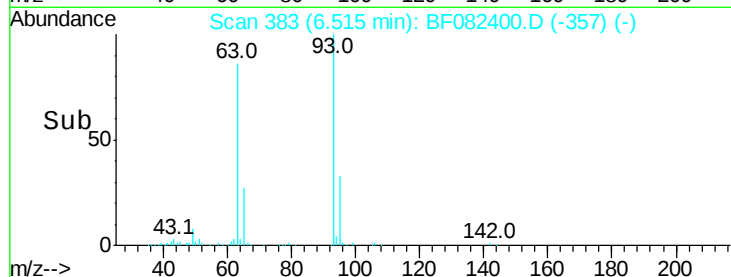
95 32.7 11.9 51.9



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: 37.25 ng m

RT: 6.71 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

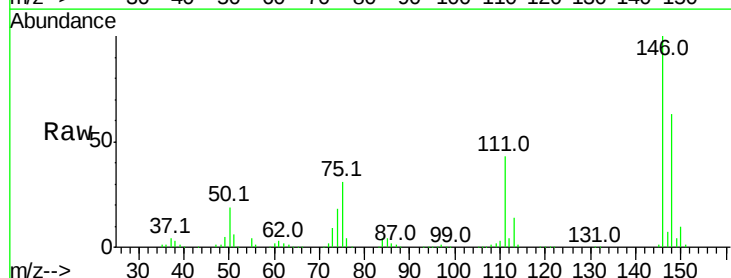
Tgt Ion: 146 Resp: 426083

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

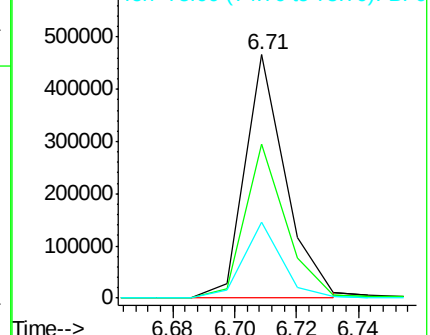
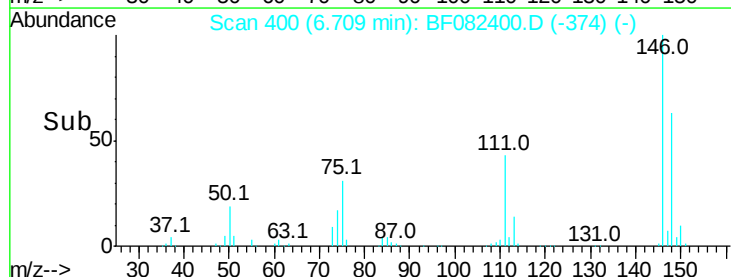
75 31.2 23.0 34.6

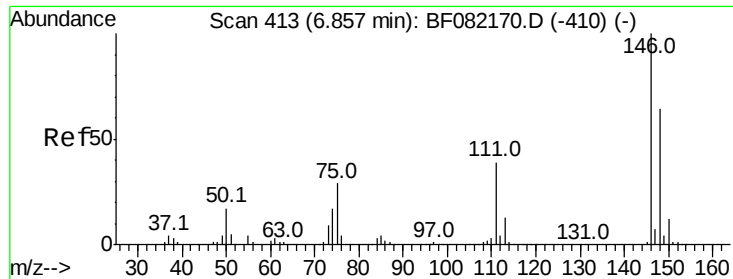


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

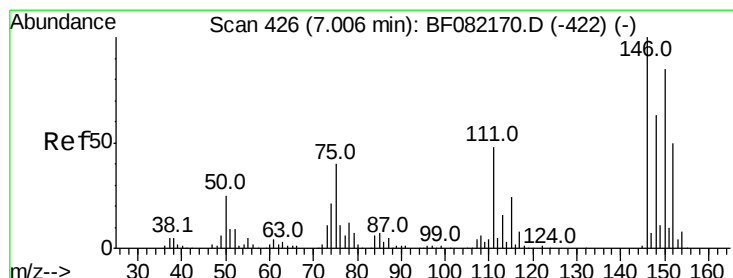
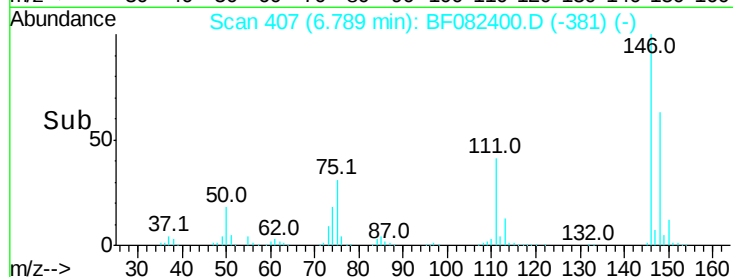
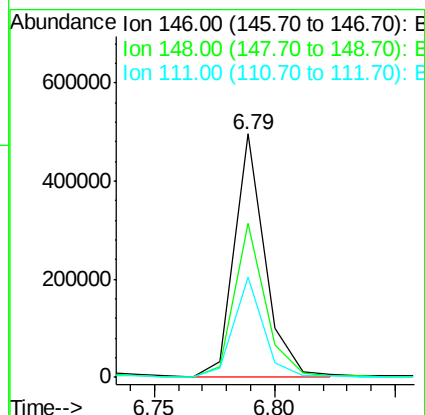
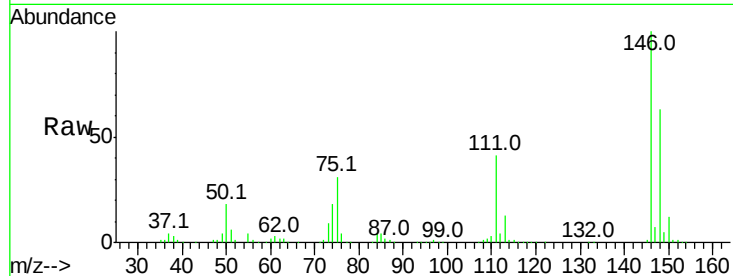




#13
 1,4-Dichlorobenzene
 Concen: 36.99 ng/mL
 RT: 6.79 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

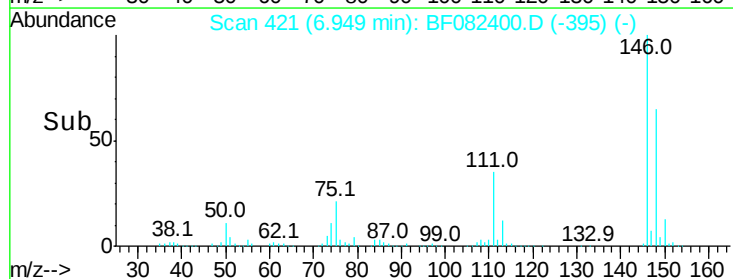
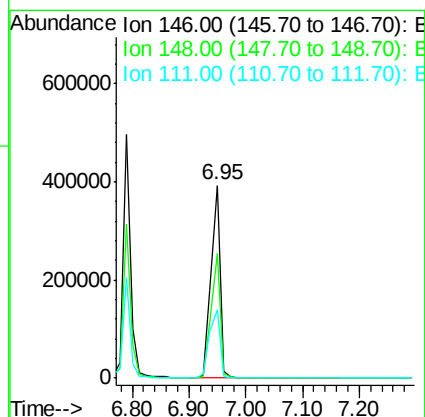
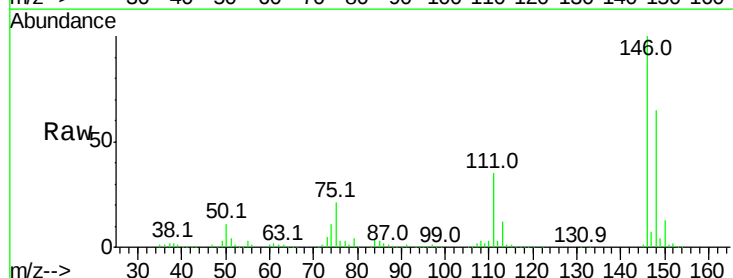
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

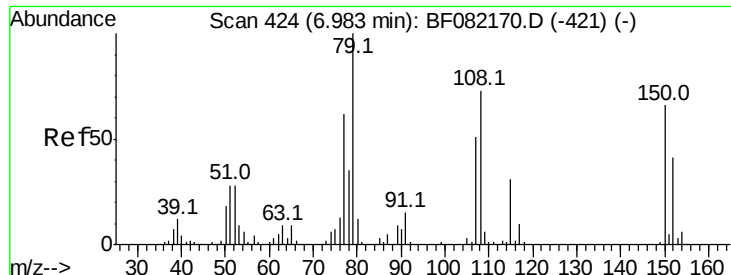
Tot Ion:146 Resp: 441815
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.4
 111 41.3 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 36.60 ng/mL
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:146 Resp: 415079
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.5 75.7
 111 35.4 38.5 57.7#

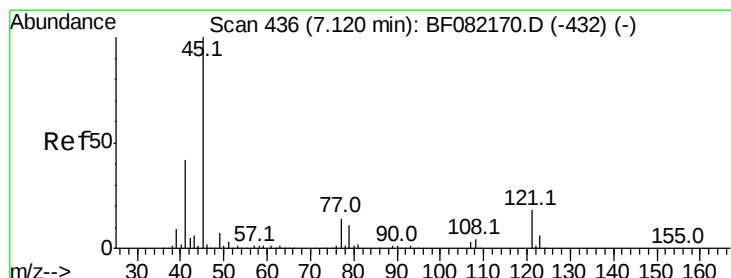
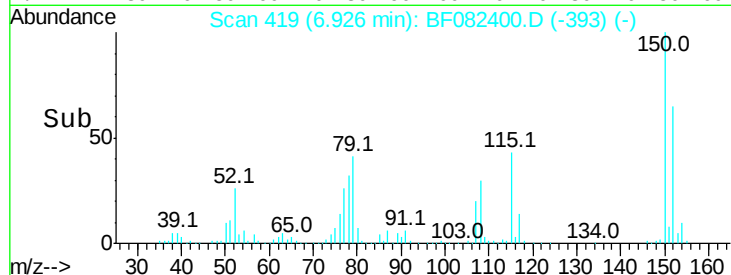
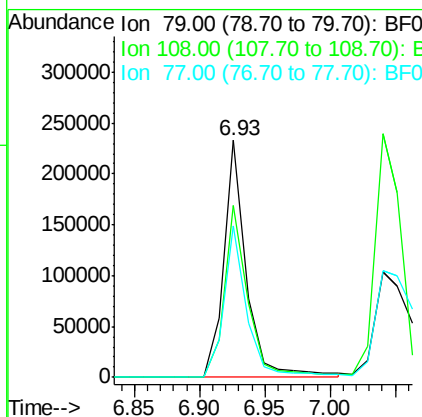
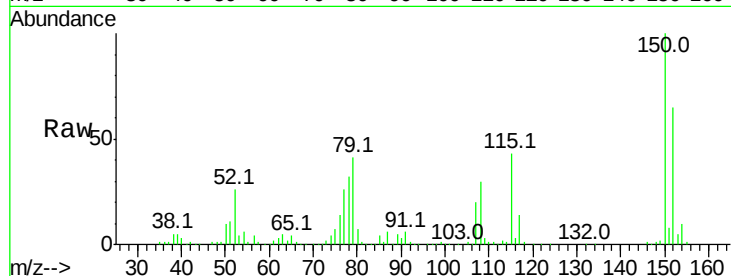




#15
Benzyl Alcohol
Concen: 39.10 ng
RT: 6.93 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

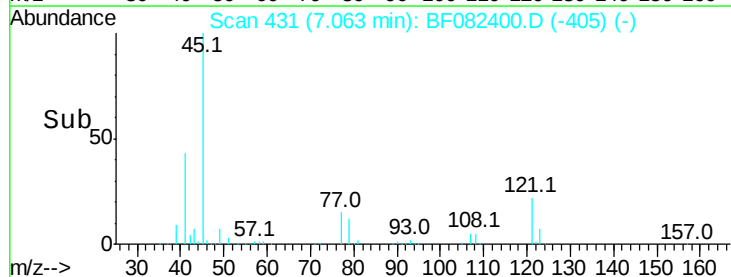
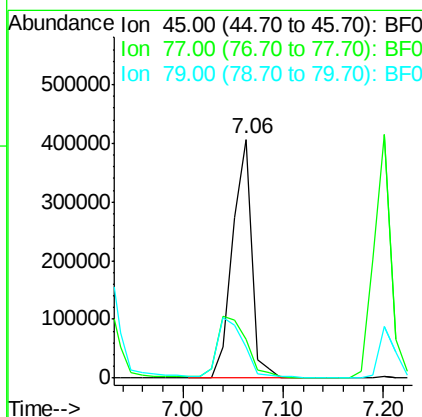
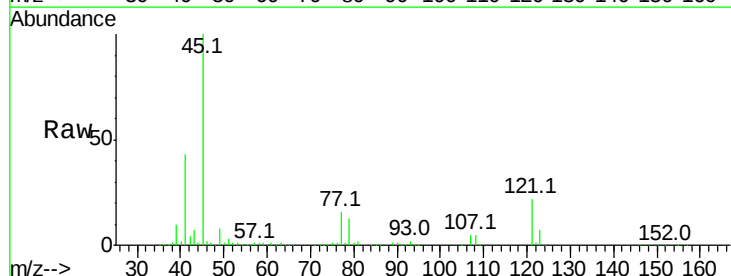
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

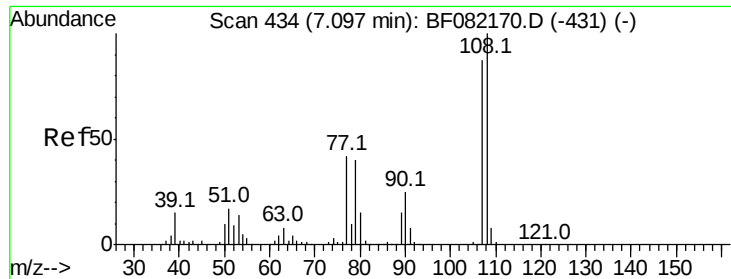
Tot Ion: 79 Resp: 282576
Ion Ratio Lower Upper
79 100
108 72.6 58.4 87.6
77 64.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.92 ng
RT: 7.06 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion: 45 Resp: 539022
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.5
79 13.2 0.0 31.6

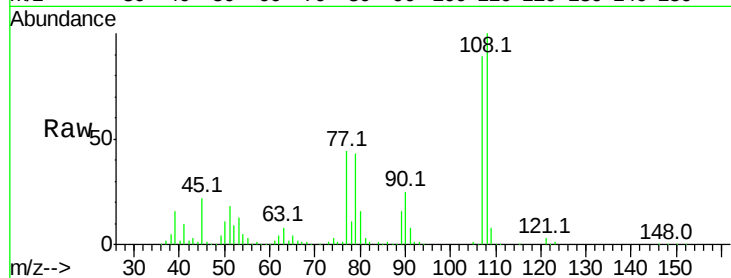




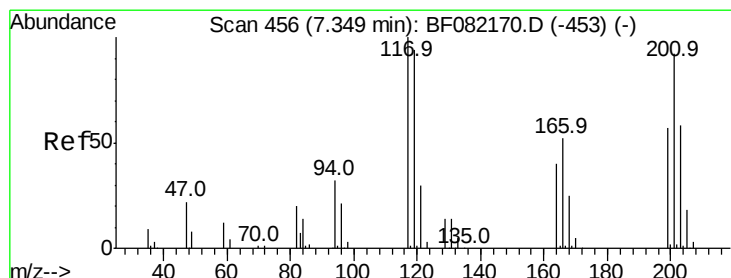
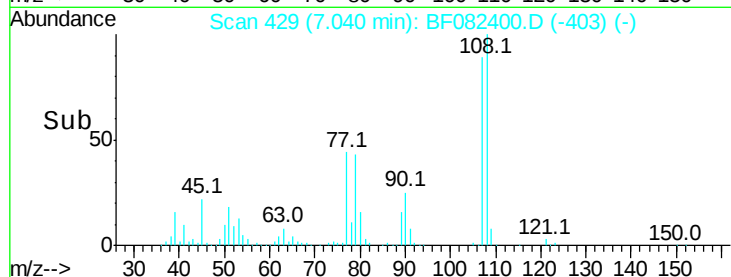
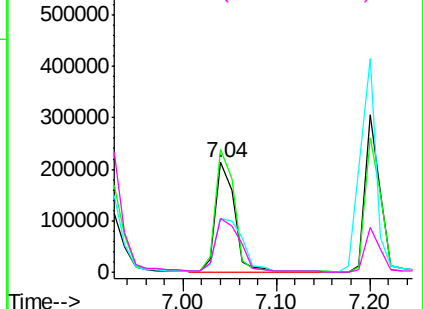
#17
2-Methylphenol
Concen: 38.26 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	297146
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.2
77	49.6	39.6	59.4
79	48.9	38.2	57.4

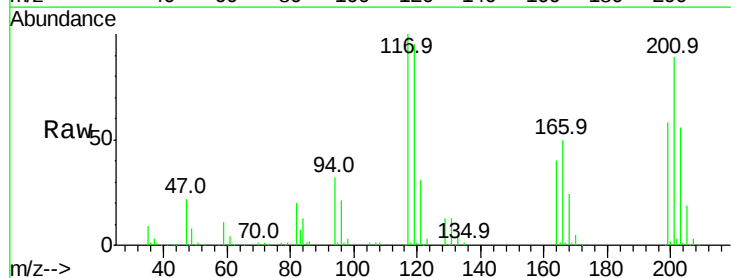


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

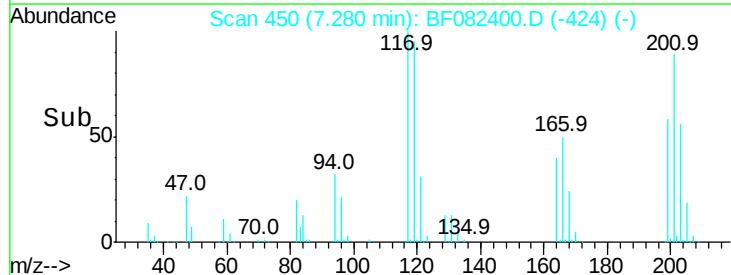
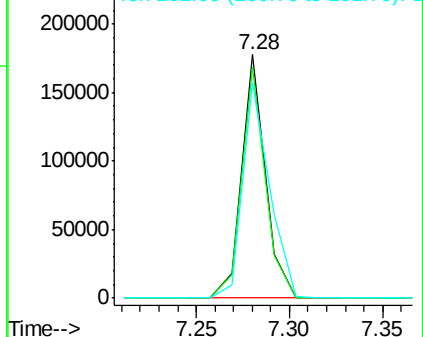


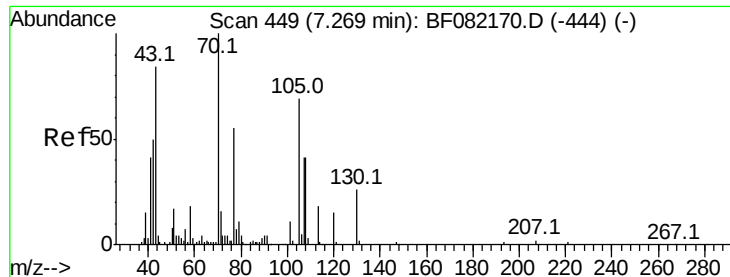
#18
Hexachloroethane
Concen: 38.32 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:	117	Resp:	156678
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.2
201	88.5	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: 36.60 ng/mL

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

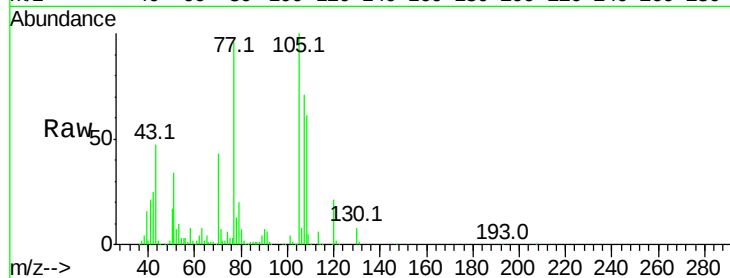
ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 269074

Ion Ratio Lower Upper

70	100		
42	57.9	39.8	59.8
101	9.0	8.6	13.0
130	18.5	20.5	30.7#

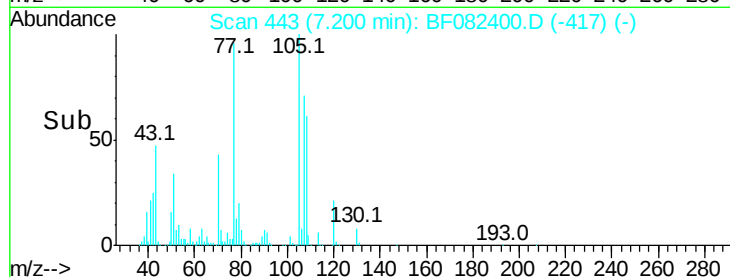
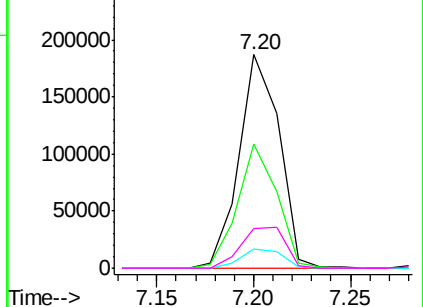


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.98 ng/mL

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion: 107 Resp: 342215

Ion Ratio Lower Upper

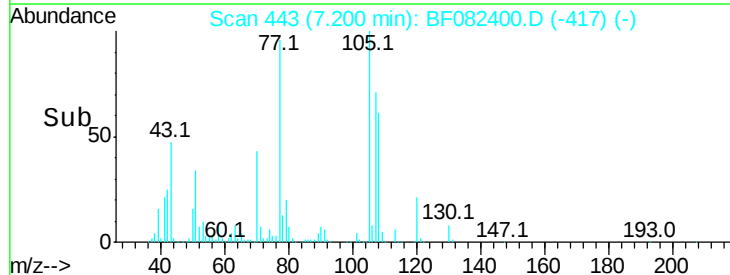
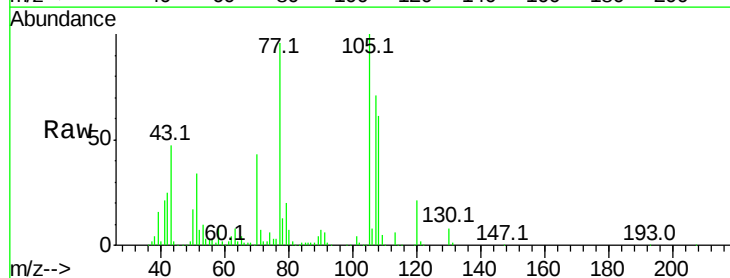
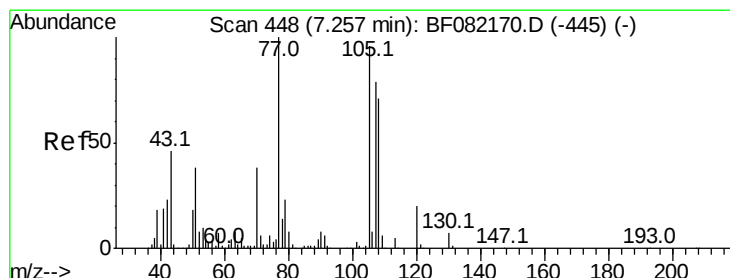
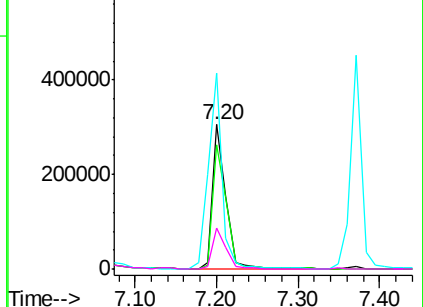
107	100		
108	85.7	69.9	109.9
77	135.9	106.0	146.0
79	28.9	9.8	49.8

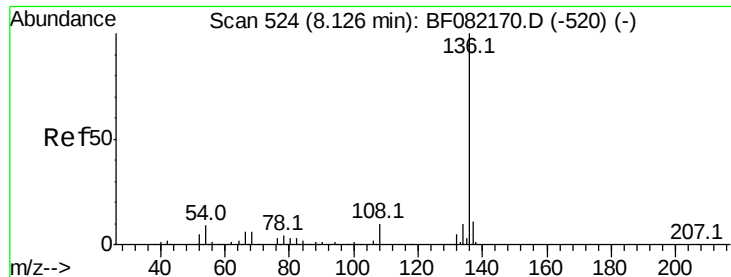
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 643452

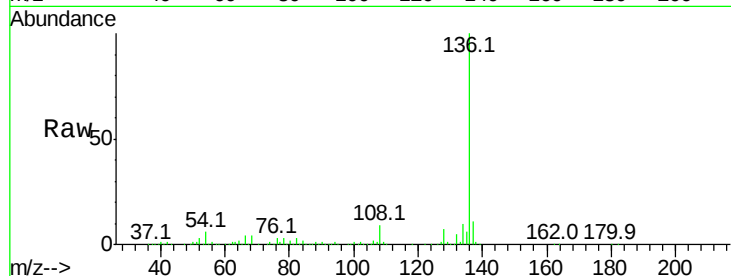
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.3 7.5 11.3#

68 4.1 4.6 7.0#

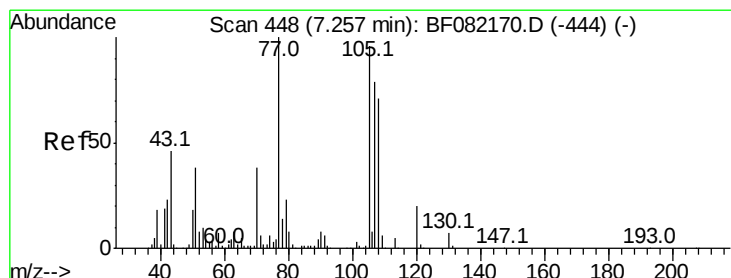
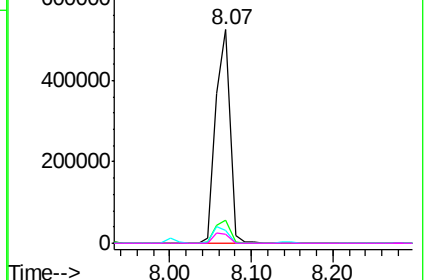
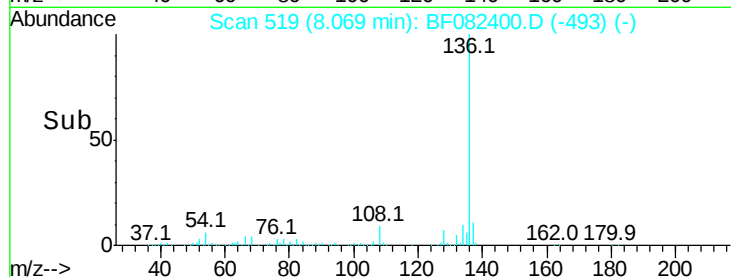


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.32 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion:105 Resp: 513215

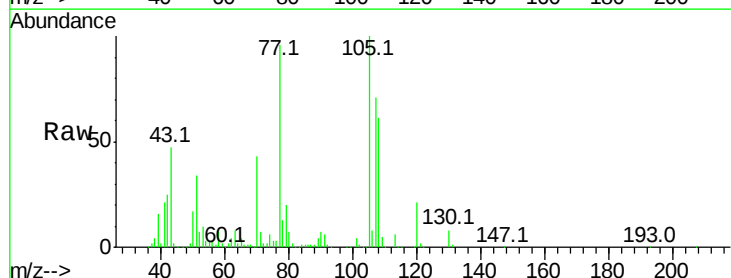
Ion Ratio Lower Upper

105 100

71 7.2 5.4 8.0

51 34.3 31.8 47.6

120 21.4 16.3 24.5

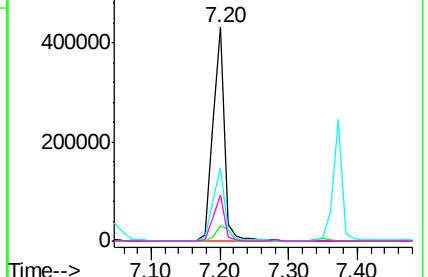
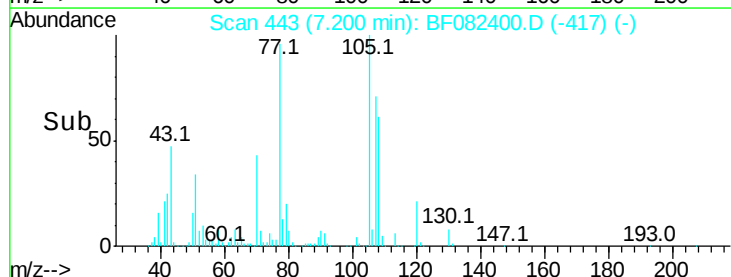


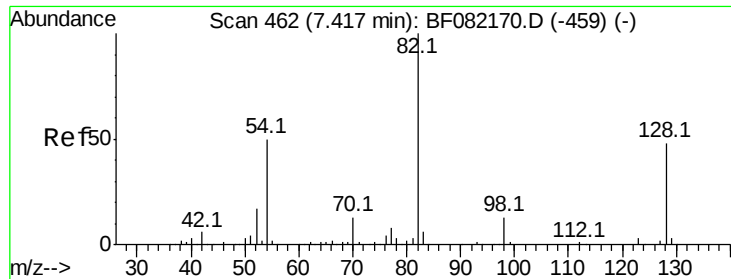
Abundance Ion 105.00 (104.70 to 105.70): E

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

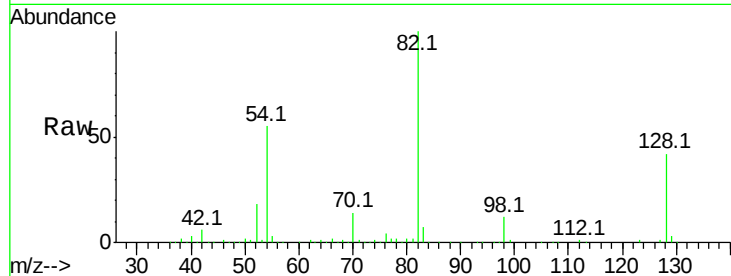




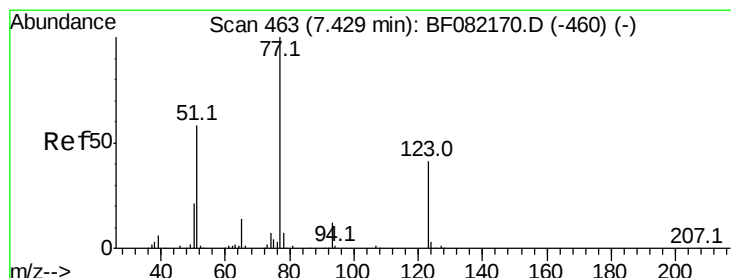
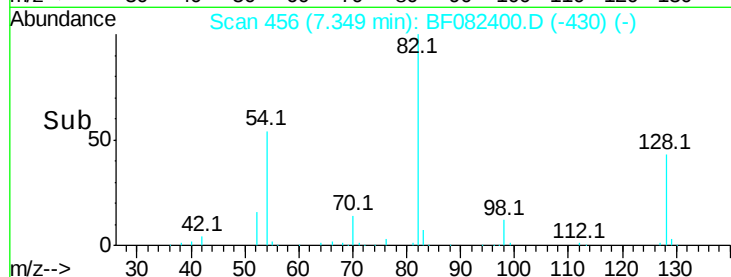
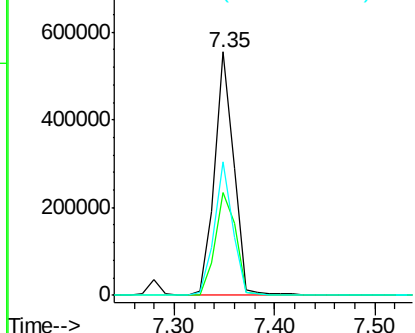
#23
 Nitrobenzene-d5
 Concen: 77.37 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 741364
 Ion Ratio Lower Upper
 82 100
 128 42.4 38.7 58.1
 54 54.8 40.1 60.1

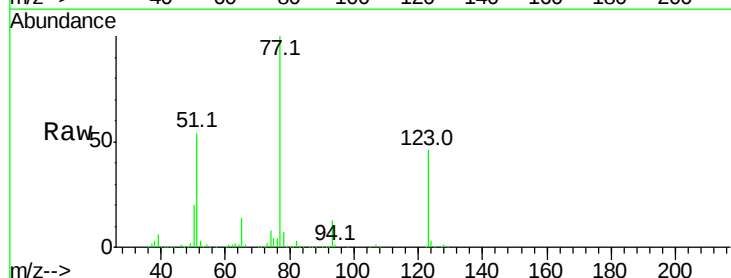


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

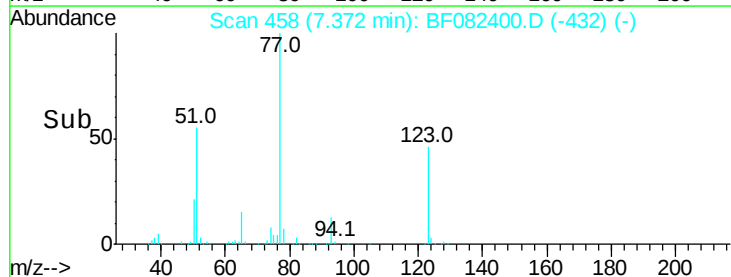
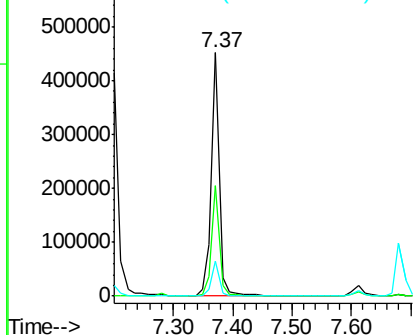


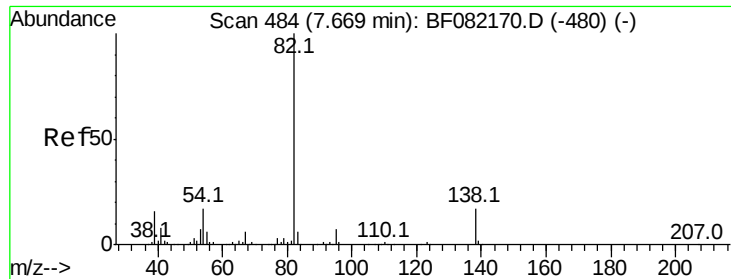
#24
 Nitrobenzene
 Concen: 40.76 ng
 RT: 7.37 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion: 77 Resp: 422773
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.0 49.4
 65 14.3 11.2 16.8



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





#25

Isophorone

Concen: 38.96 ng

RT: 7.61 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

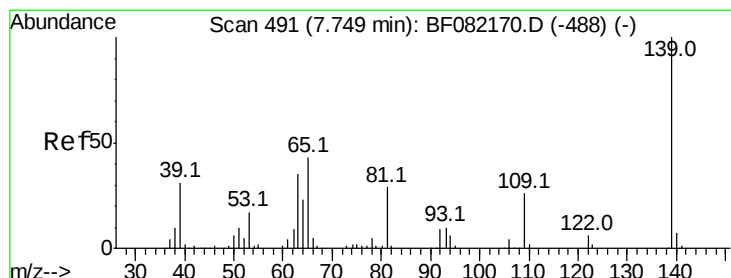
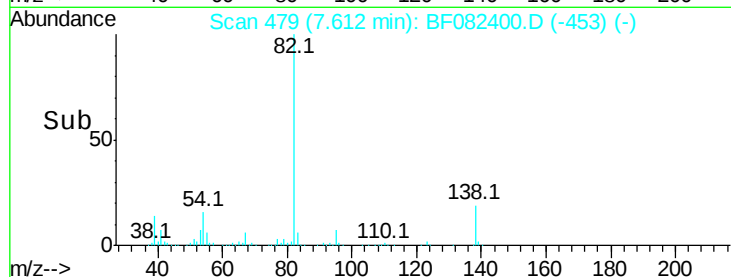
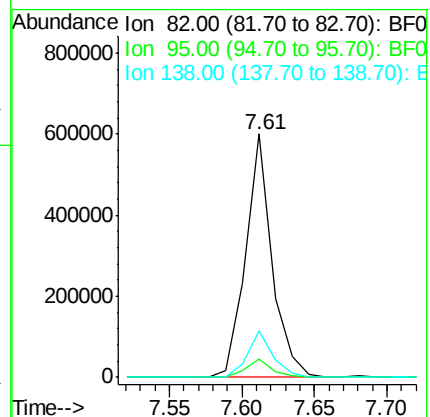
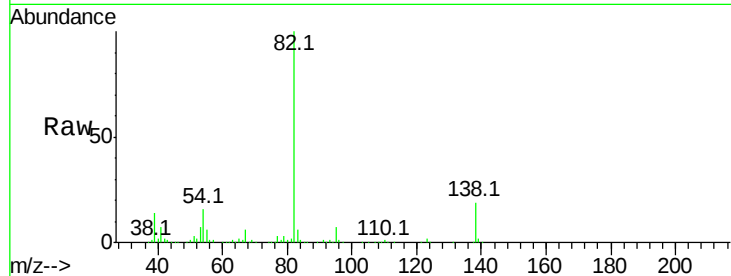
Tot Ion: 82 Resp: 753435

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 19.1 13.6 20.4



#26

2-Nitrophenol

Concen: 38.35 ng

RT: 7.68 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

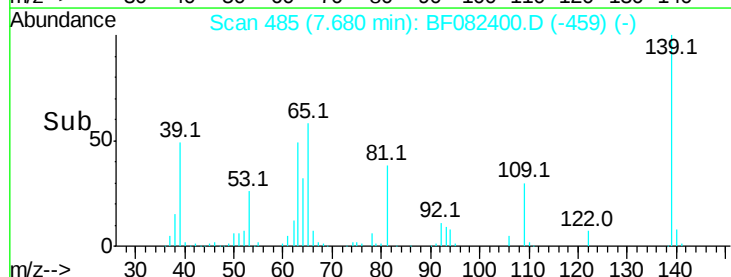
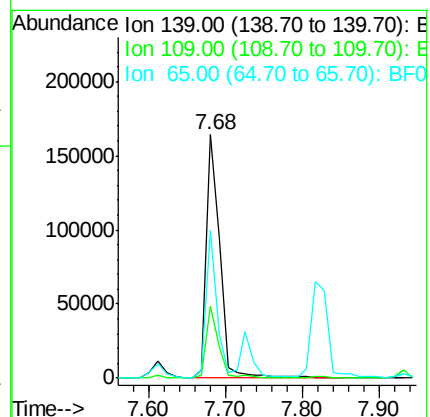
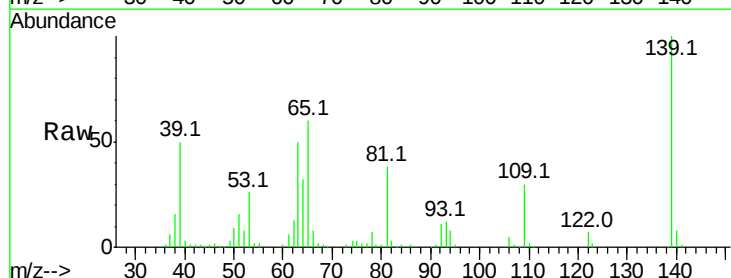
Tgt Ion: 139 Resp: 198619

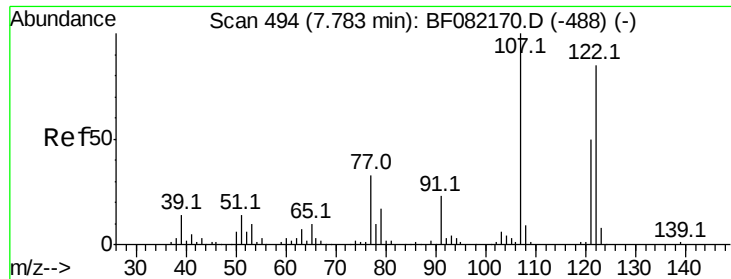
Ion Ratio Lower Upper

139 100

109 29.8 20.6 31.0

65 60.4 34.3 51.5#

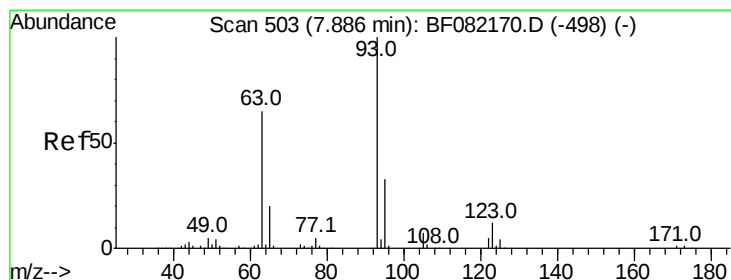
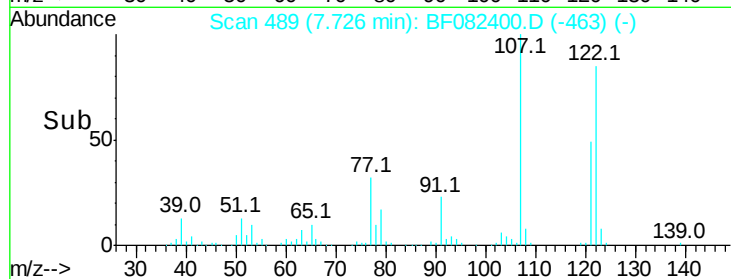
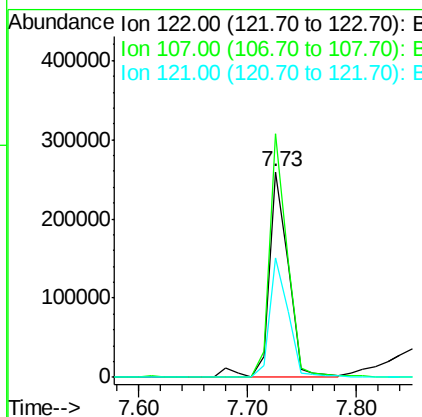
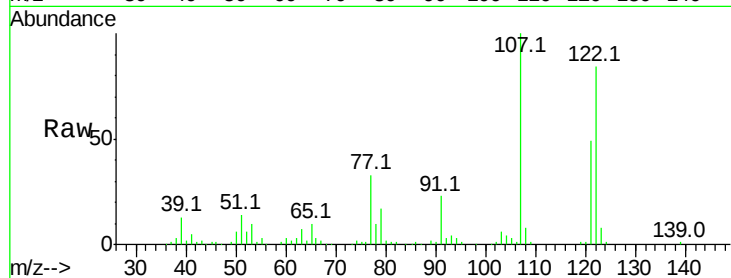




#27
 2,4-Dimethylphenol
 Concen: 38.48 ng
 RT: 7.73 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

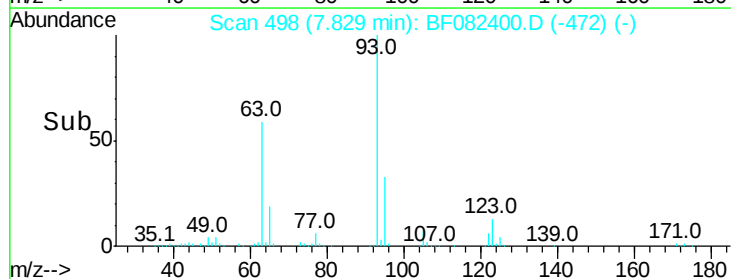
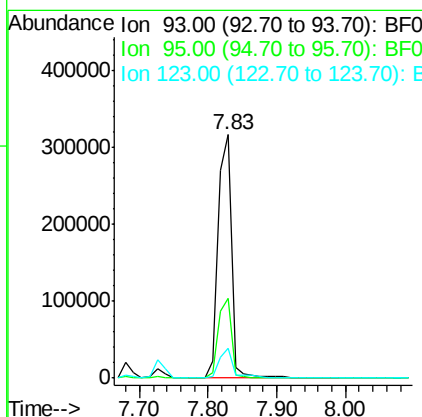
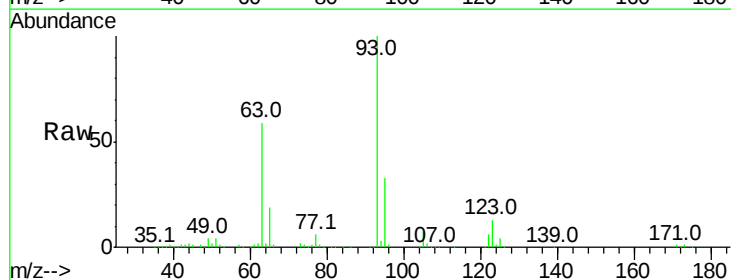
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

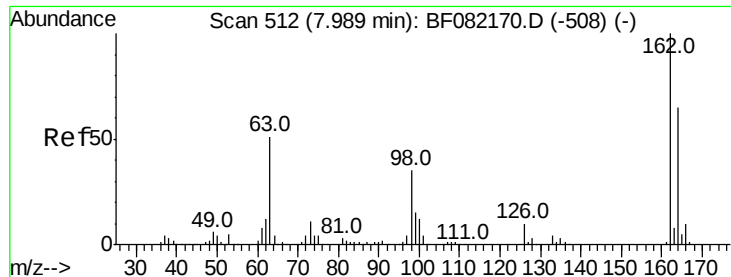
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.0	141.0
121	58.3	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.41 ng
 RT: 7.83 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.5	9.5	14.3

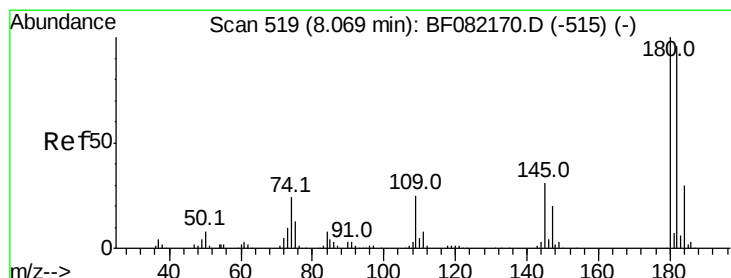
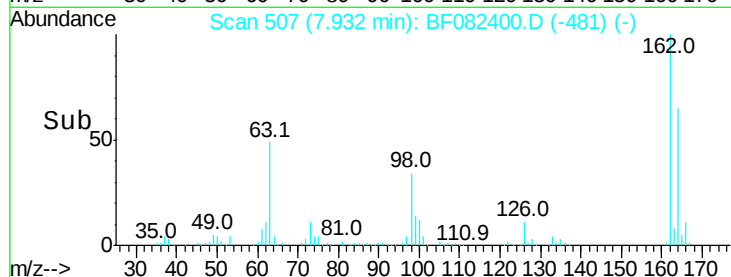
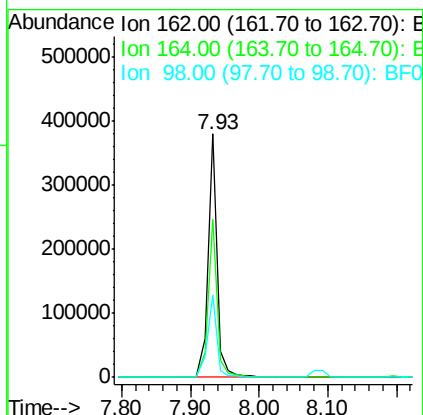
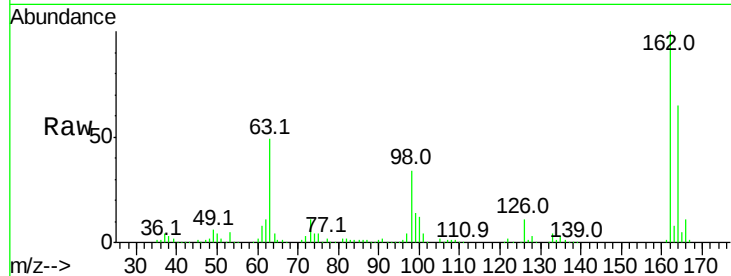




#29
 2,4-Dichlorophenol
 Concen: 41.90 ng
 RT: 7.93 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

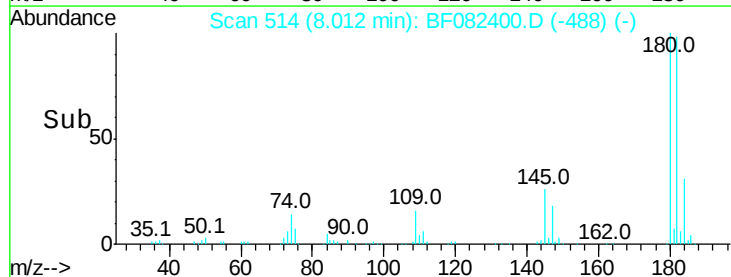
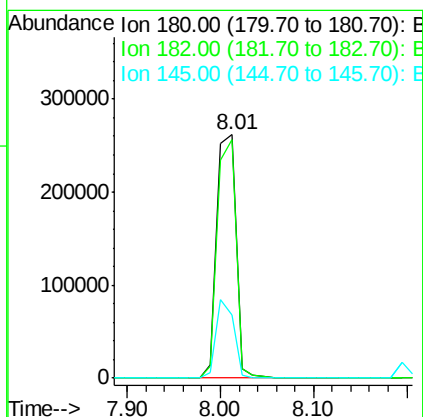
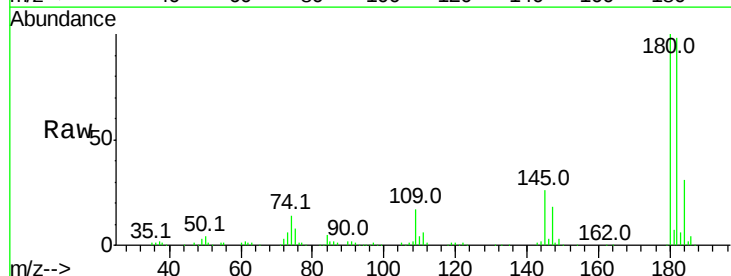
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

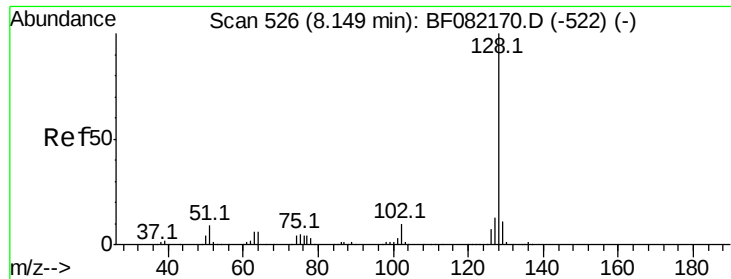
Tot Ion:162 Resp: 349484
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.6 84.6
 98 33.6 15.0 55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 8.01 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:180 Resp: 374203
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.0 115.4
 145 26.2 25.0 37.4

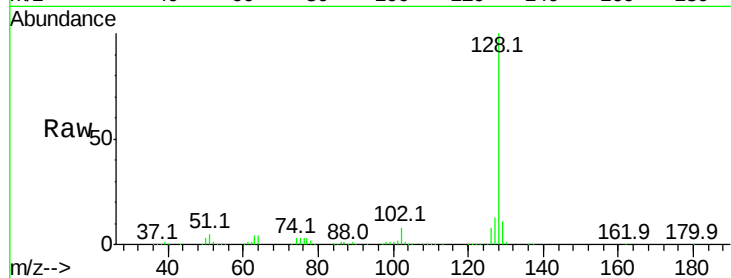




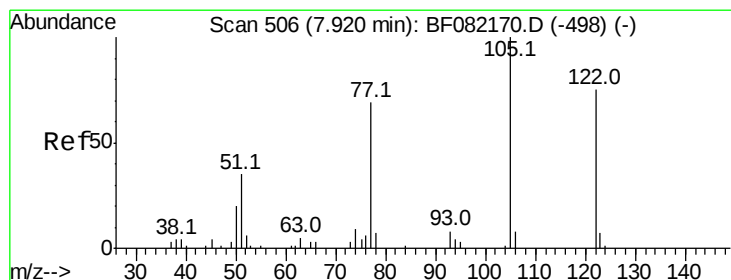
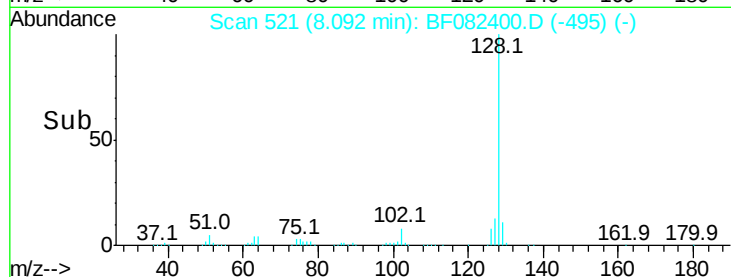
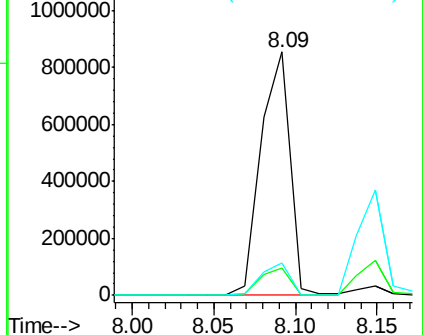
#31
Naphthalene
Concen: 38.07 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1061790
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 10.7 16.1

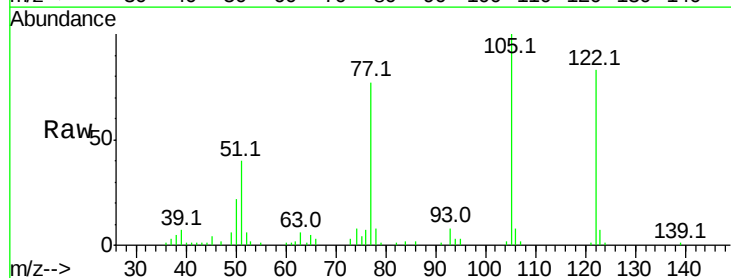


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

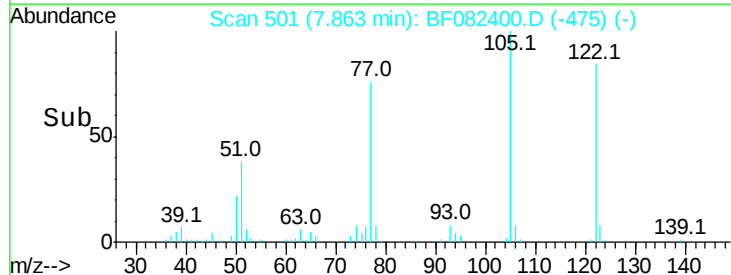
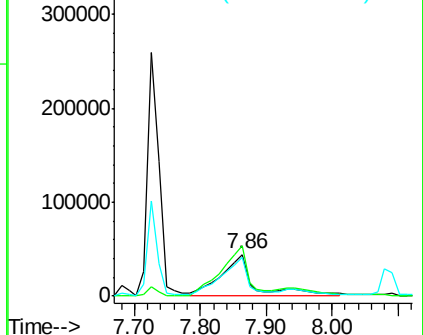


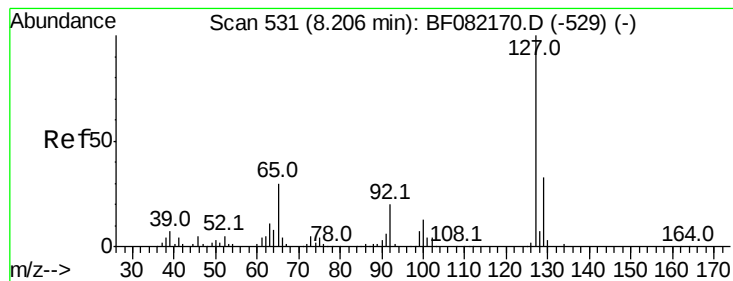
#32
Benzoic acid
Concen: 27.93 ng m
RT: 7.86 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:122 Resp: 156410
Ion Ratio Lower Upper
122 100
105 120.0 104.4 144.4
77 93.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.11 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 453014

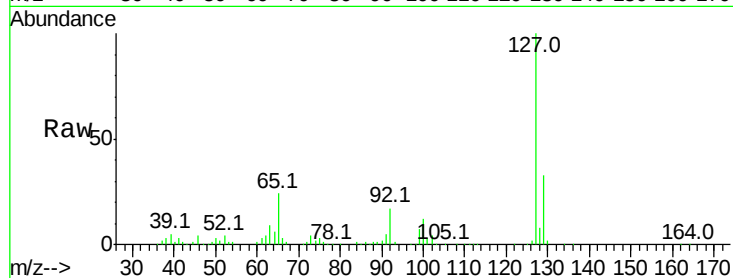
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 24.2 24.4 36.6#

92 16.9 15.7 23.5

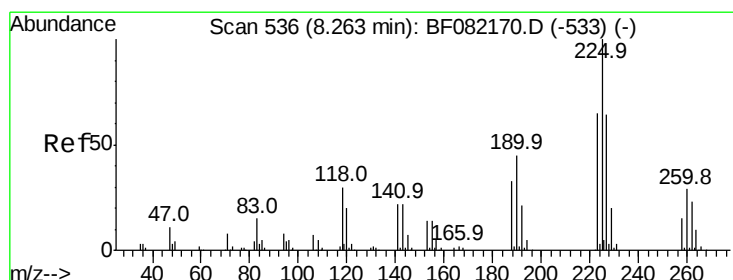
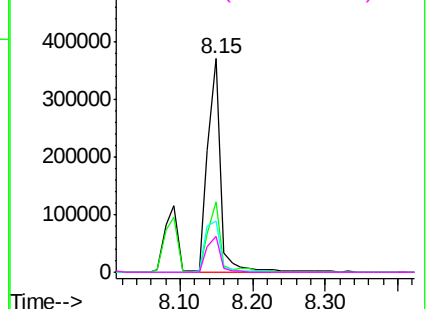
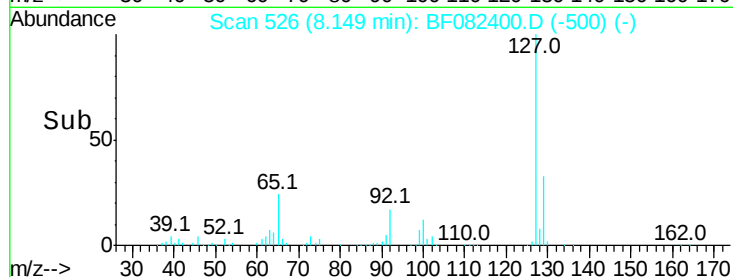


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.07 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

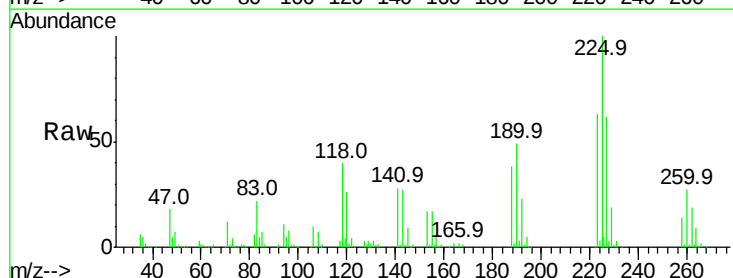
Tgt Ion:225 Resp: 210068

Ion Ratio Lower Upper

225 100

223 63.0 52.2 78.2

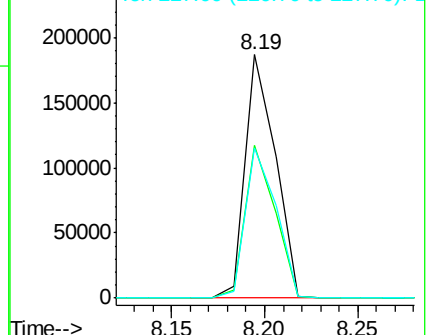
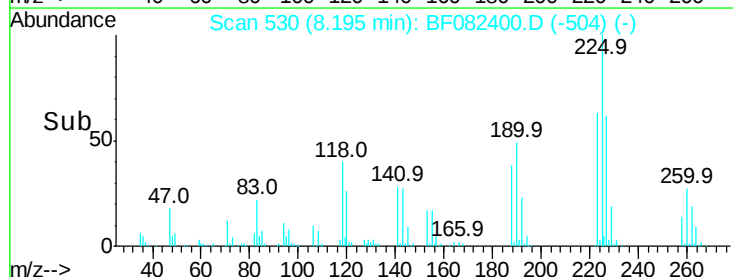
227 61.5 51.3 76.9

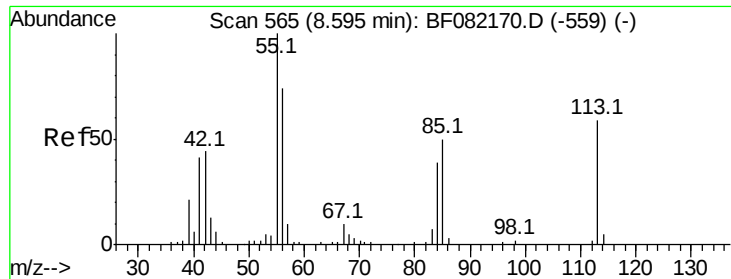


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.71 ng

RT: 8.54 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

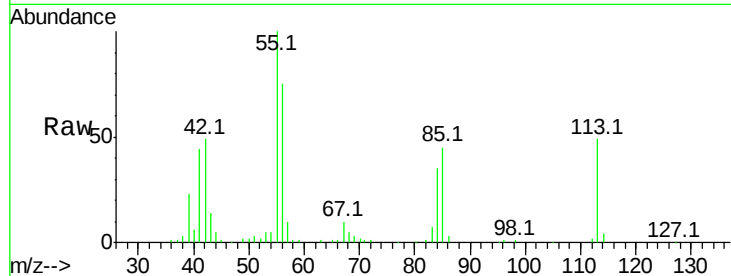
Tot Ion:113 Resp: 96115

Ion Ratio Lower Upper

113 100

55 203.2 149.7 189.7#

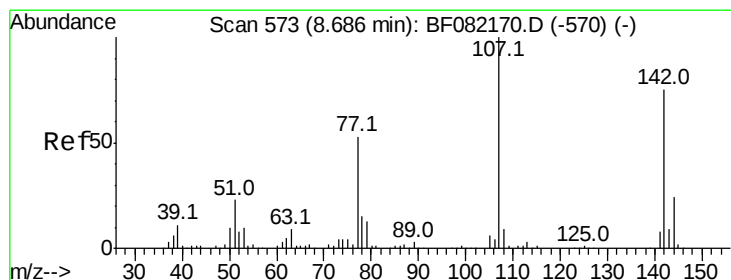
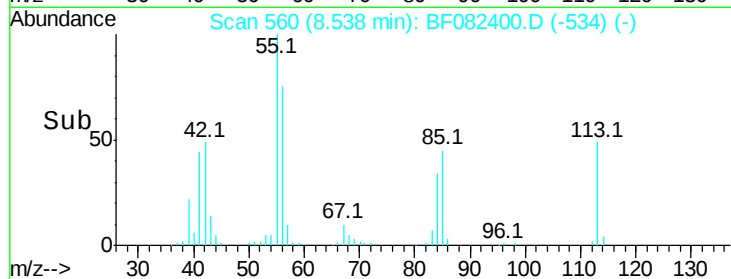
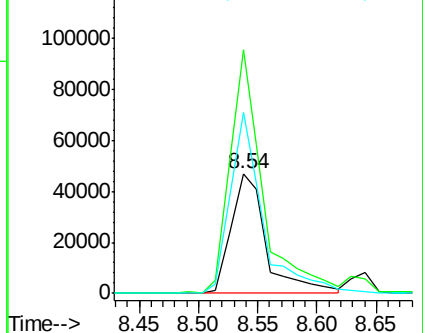
56 151.4 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.70 ng

RT: 8.64 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

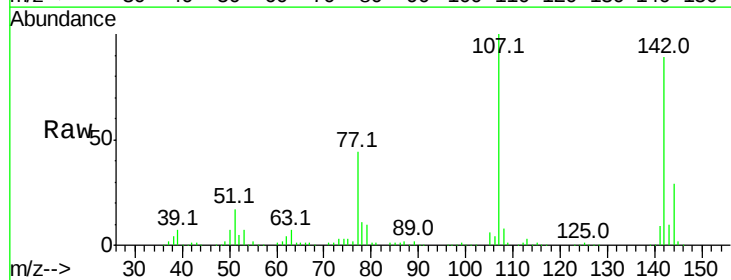
Tgt Ion:107 Resp: 348279

Ion Ratio Lower Upper

107 100

144 29.1 19.3 28.9#

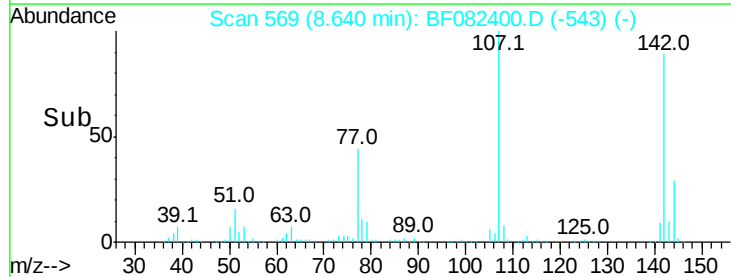
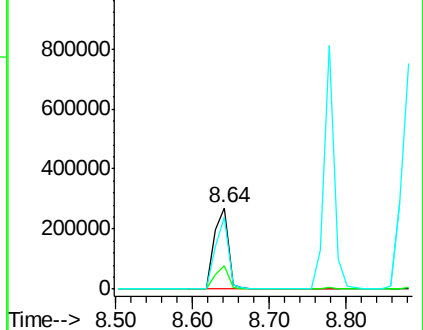
142 88.6 59.9 89.9

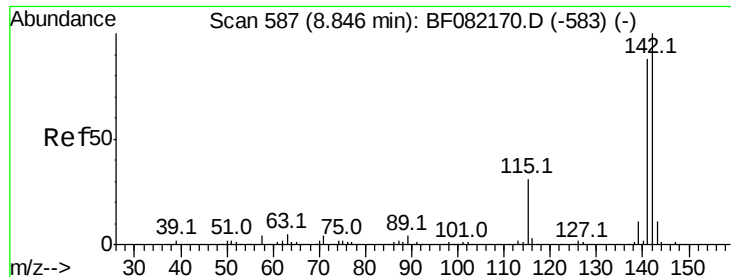


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

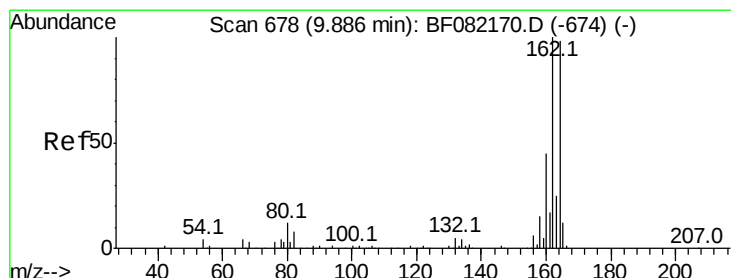
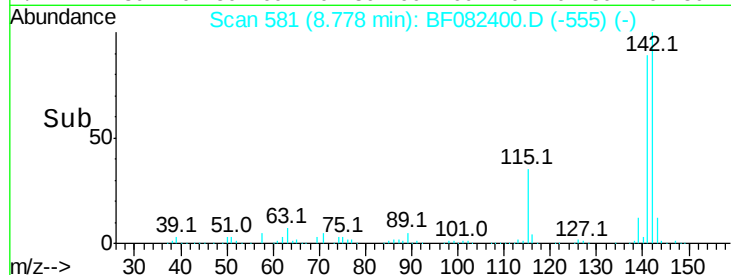
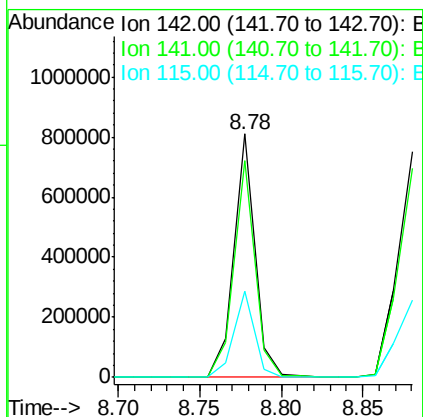
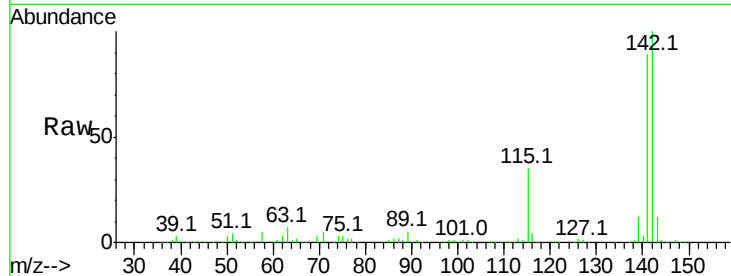




#37
2-Methylnaphthalene
Concen: 37.42 ng
RT: 8.78 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

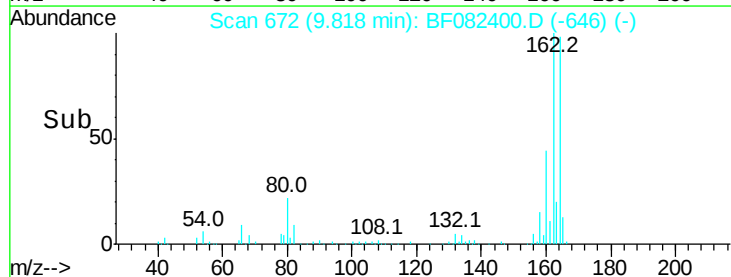
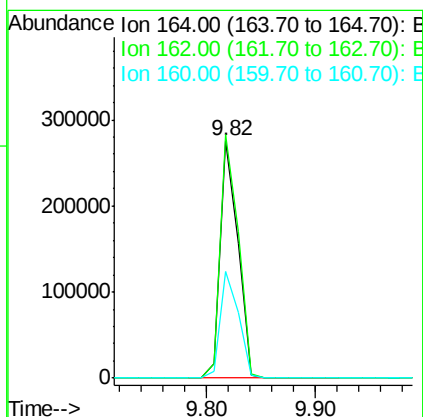
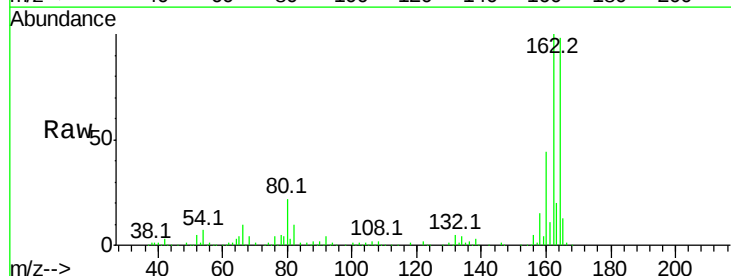
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

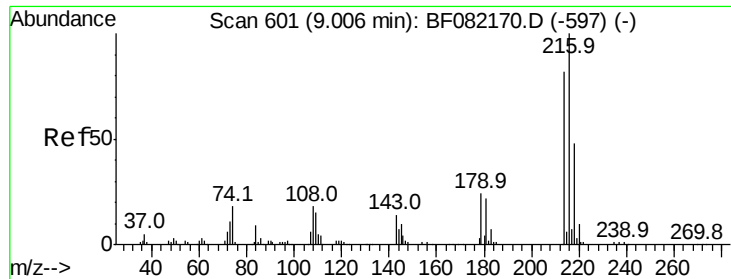
Tot Ion:142 Resp: 723649
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 35.2 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:164 Resp: 311561
Ion Ratio Lower Upper
164 100
162 102.4 81.6 122.4
160 44.7 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.24 ng

RT: 8.95 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 382197

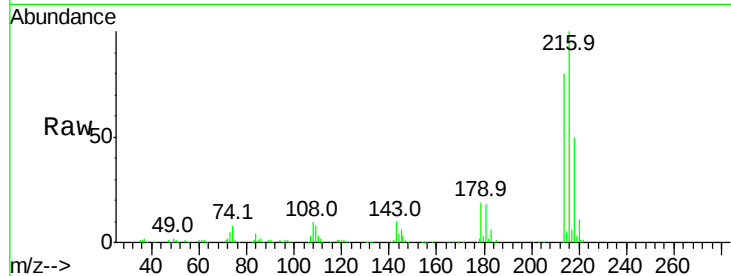
Ion Ratio Lower Upper

216 100

214 80.1 64.6 97.0

179 20.7 17.6 26.4

108 16.1 14.5 21.7

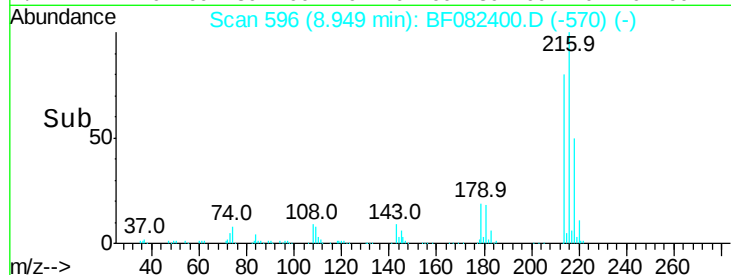


Abundance Ion 216.00 (215.70 to 216.70): E

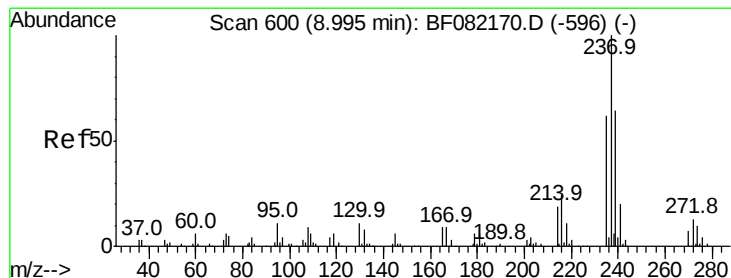
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 33.45 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

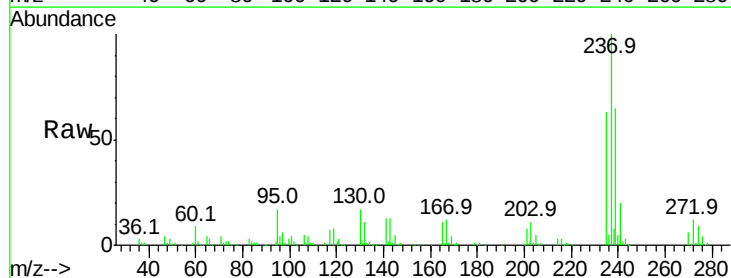
Tgt Ion:237 Resp: 131555

Ion Ratio Lower Upper

237 100

235 63.2 41.7 81.7

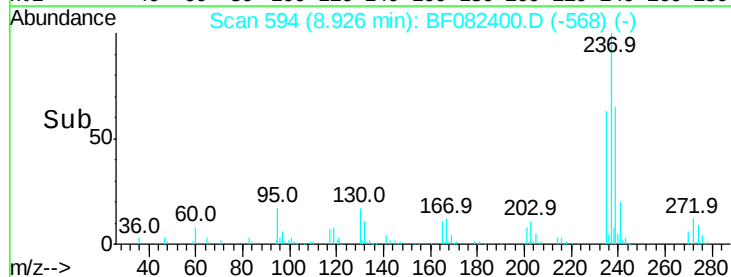
272 11.5 0.0 32.8



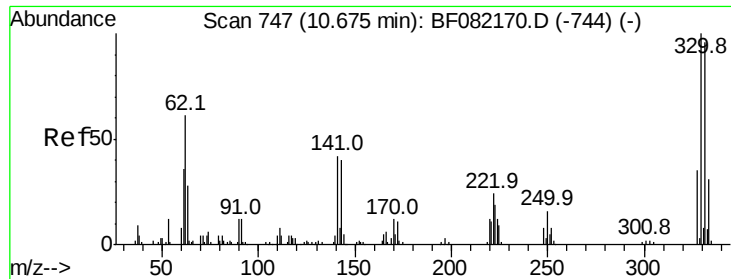
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



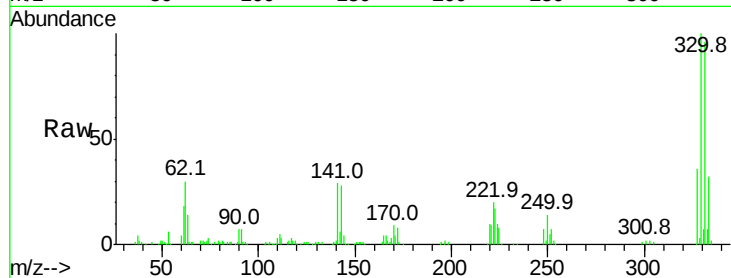
Time-->



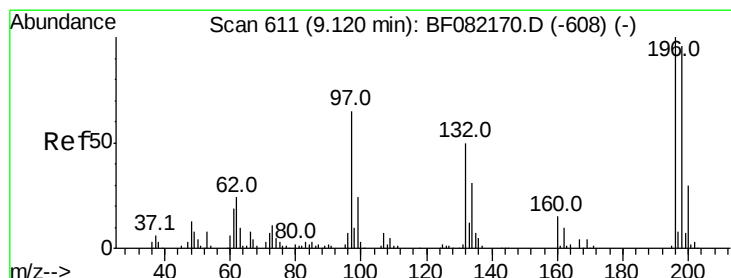
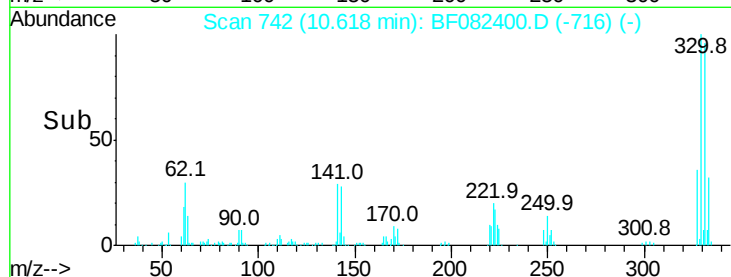
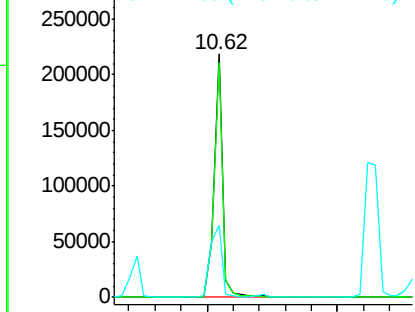
#41
 2,4,6-Tribromophenol
 Concen: 69.85 ng
 RT: 10.62 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	41.0	29.8	44.8

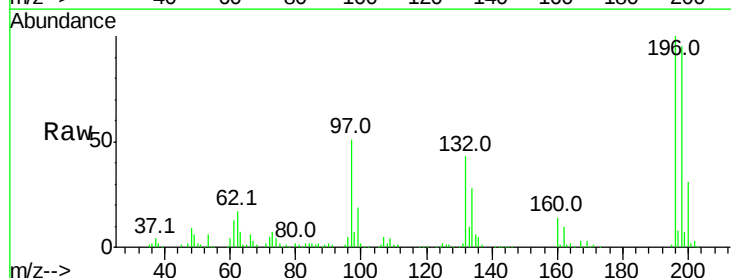


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

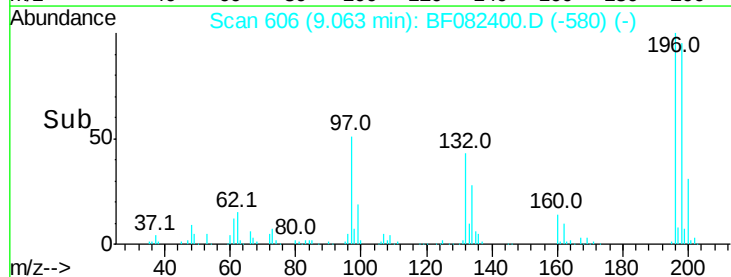
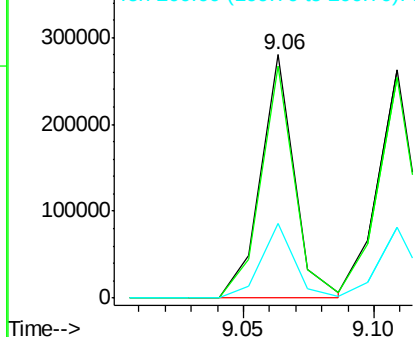


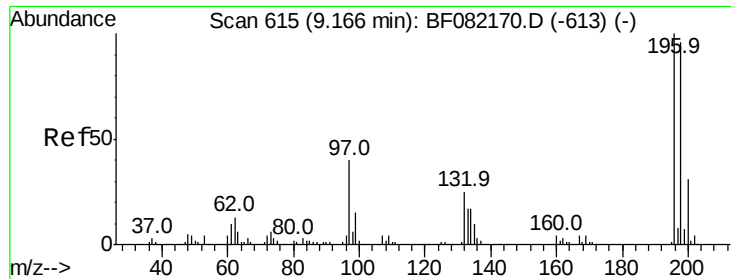
#42
 2,4,6-Trichlorophenol
 Concen: 41.11 ng
 RT: 9.06 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	115.0
200	30.7	23.7	35.5



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

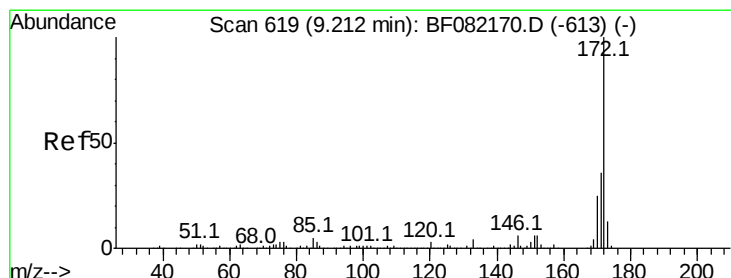
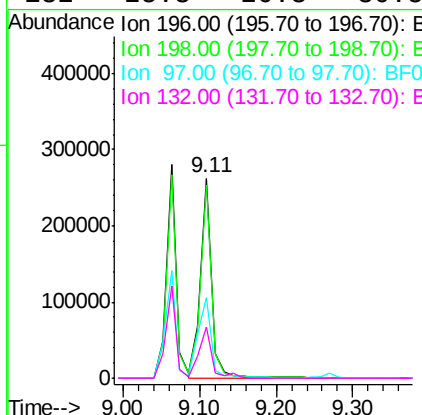
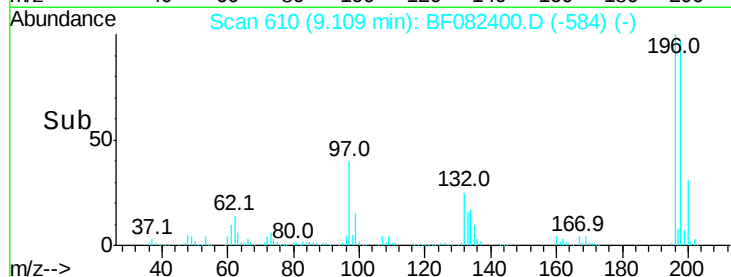
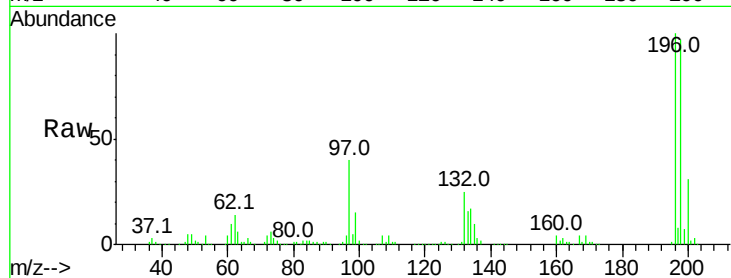




#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

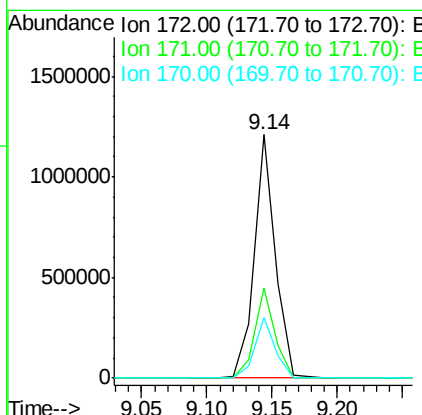
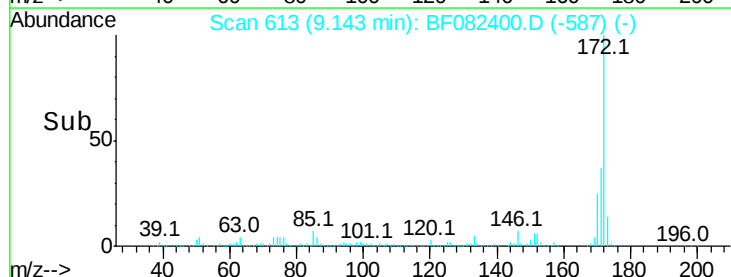
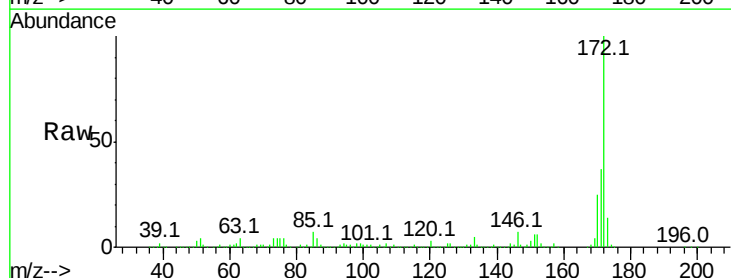
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

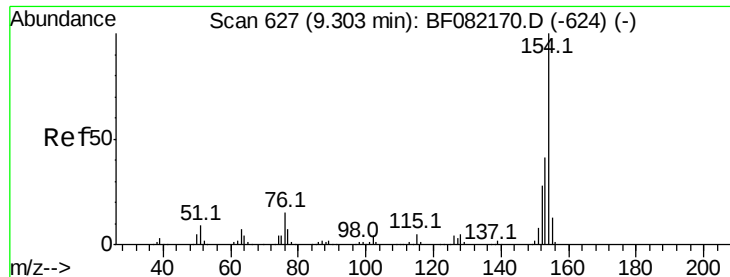
Tot Ion:	196	Resp:	263164
Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.4
97	40.2	31.9	47.9
132	25.3	20.3	30.5



#44
 2-Fluorobiphenyl
 Concen: 72.13 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:	172	Resp:	1355034
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	25.1	19.7	29.5

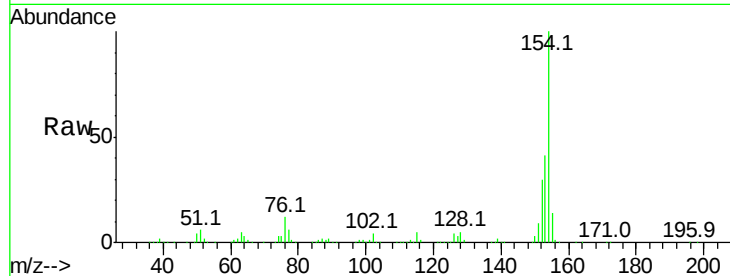




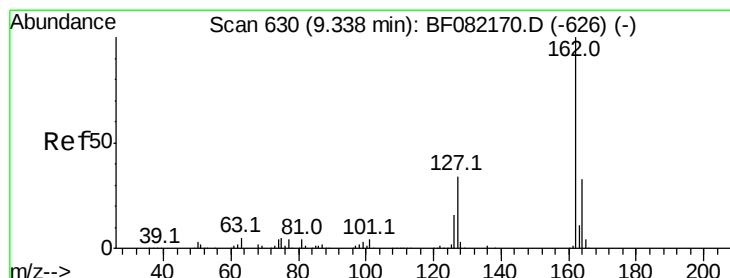
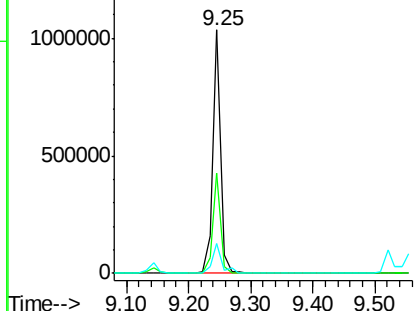
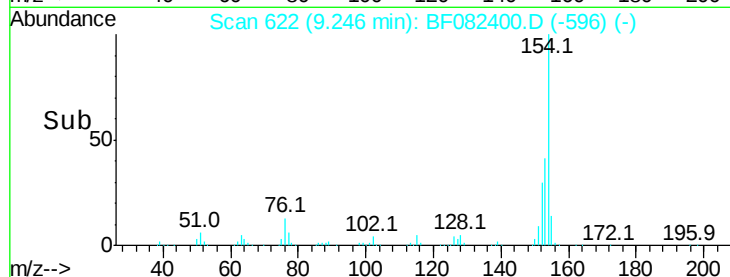
#45
 1,1'-Biphenyl
 Concen: 37.76 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.5	0.0	35.2

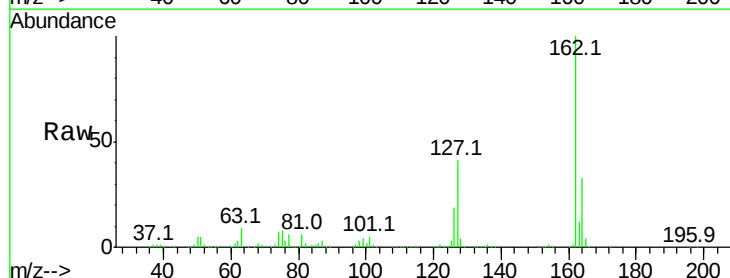


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

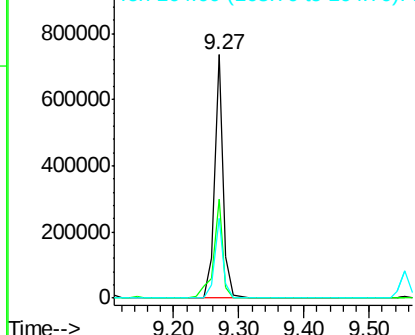
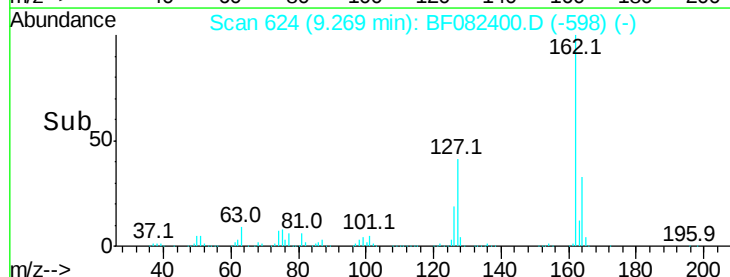


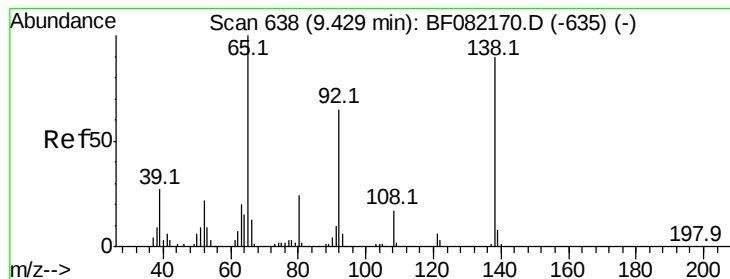
#46
 2-Chloronaphthalene
 Concen: 37.21 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	27.5	41.3
164	33.0	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: 38.84 ng

RT: 9.37 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

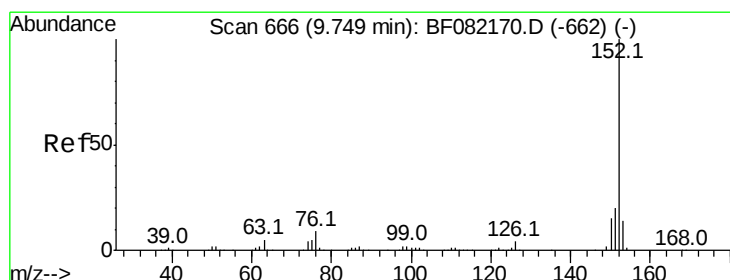
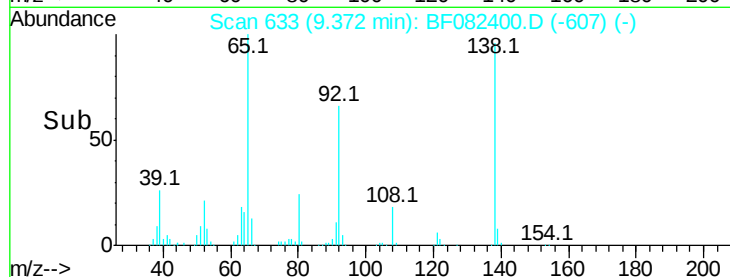
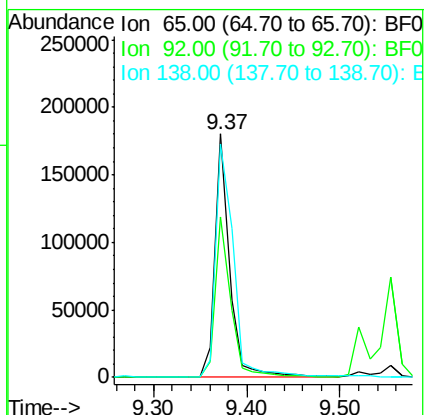
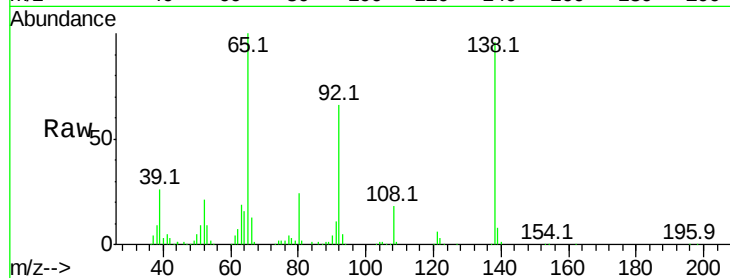
Tot Ion: 65 Resp: 199427

Ion Ratio Lower Upper

65 100

92 65.6 52.3 78.5

138 96.1 72.2 108.4



#48

Acenaphthylene

Concen: 35.38 ng

RT: 9.68 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

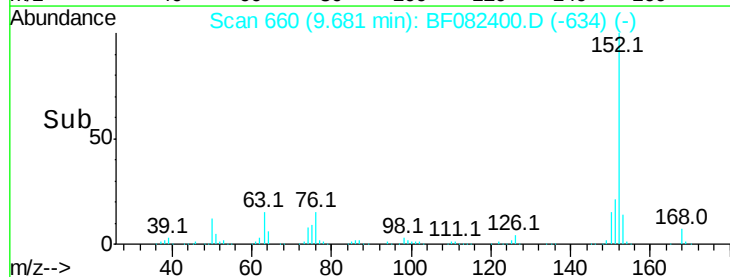
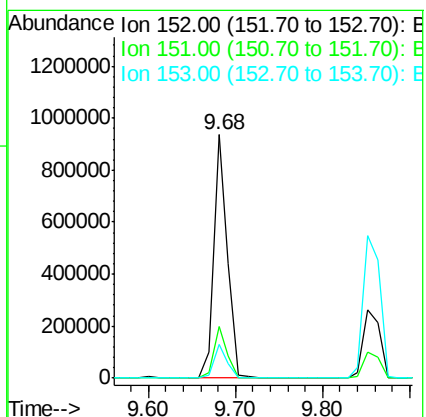
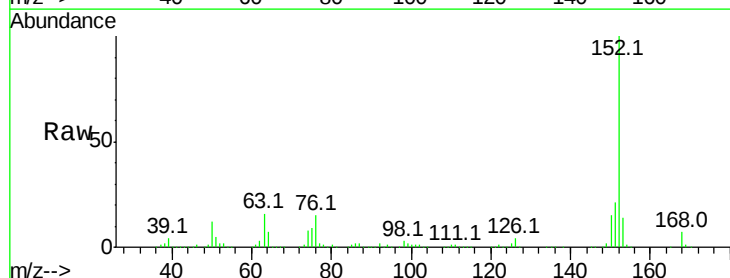
Tgt Ion: 152 Resp: 1030722

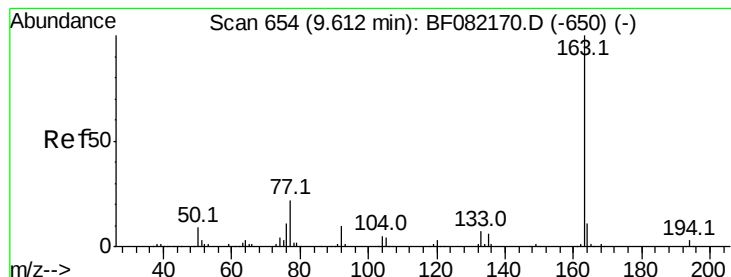
Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.1 10.8 16.2





#49

Dimethylphthalate

Concen: 36.58 ng

RT: 9.55 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

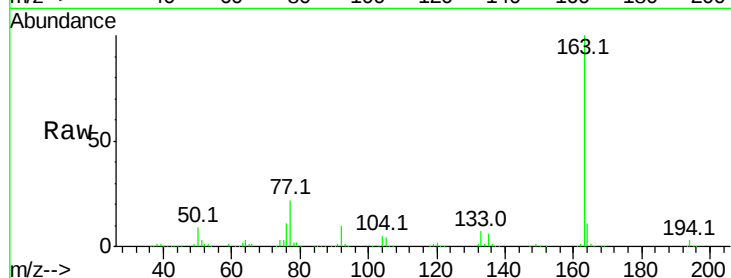
Tot Ion:163 Resp: 802535

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

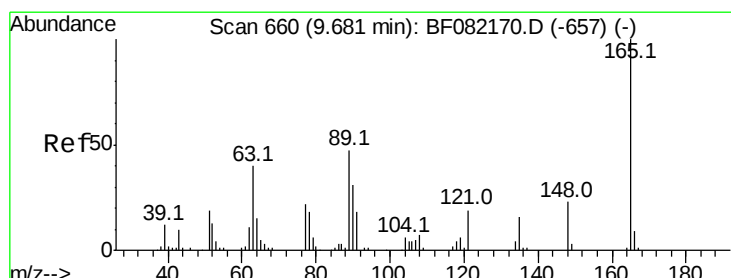
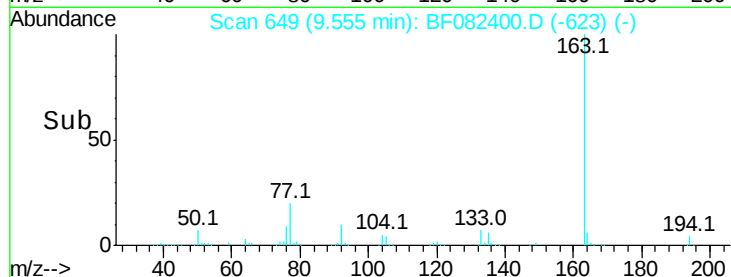
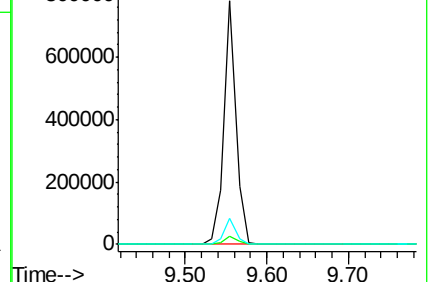
164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.43 ng

RT: 9.62 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

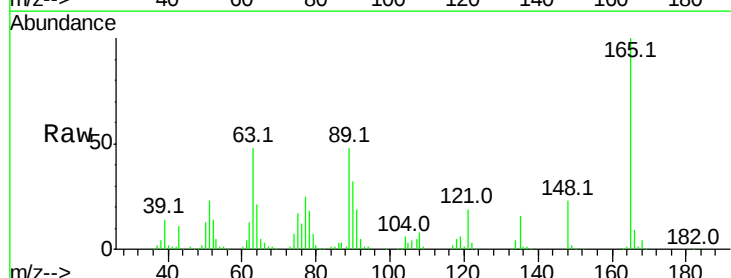
Tgt Ion:165 Resp: 201033

Ion Ratio Lower Upper

165 100

63 48.1 36.7 55.1

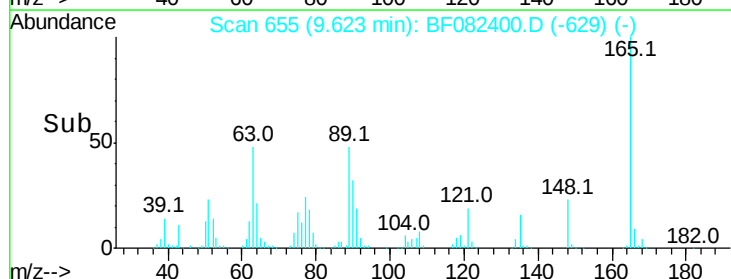
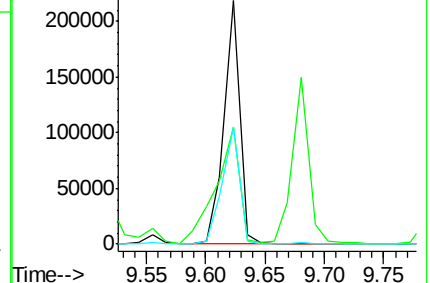
89 48.1 37.8 56.6

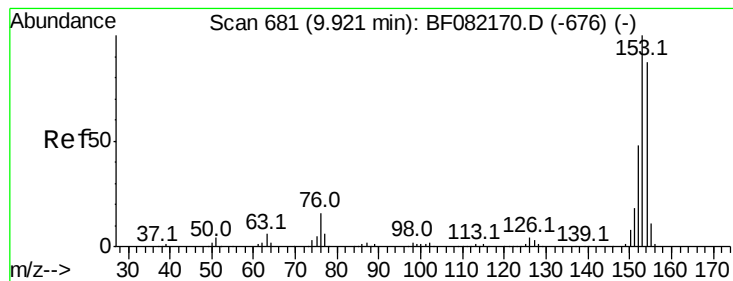


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.20 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

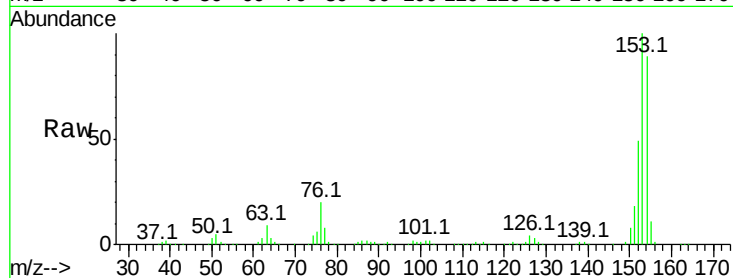
Tot Ion:154 Resp: 633075

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

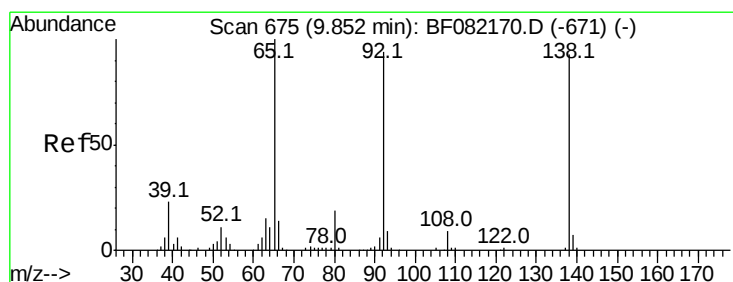
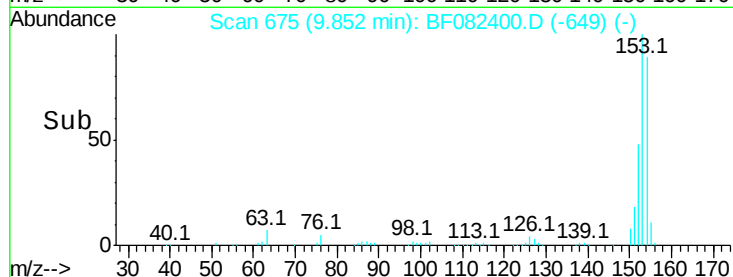
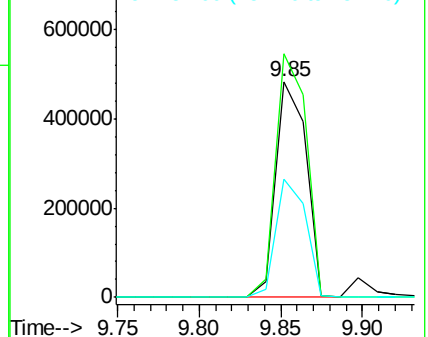
152 54.8 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.81 ng

RT: 9.79 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

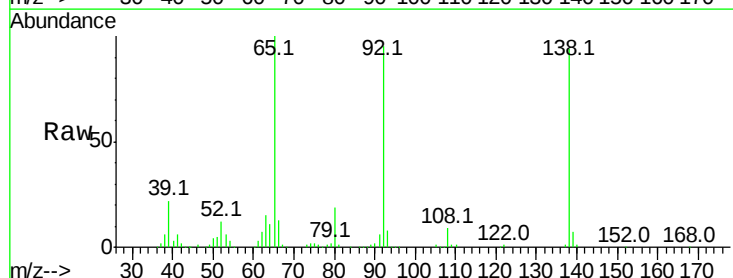
Tgt Ion:138 Resp: 229080

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

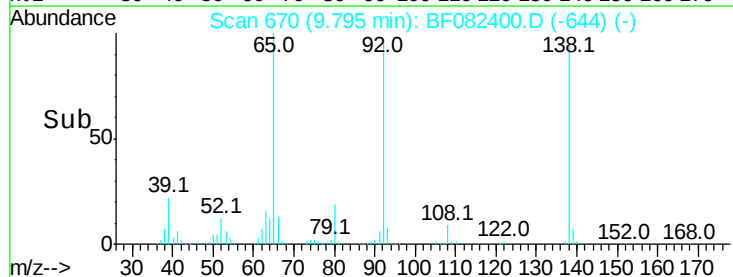
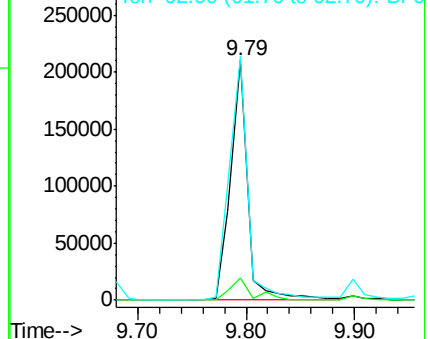
92 101.8 81.3 121.9

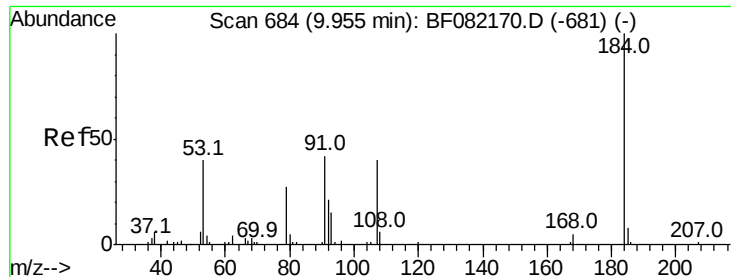


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

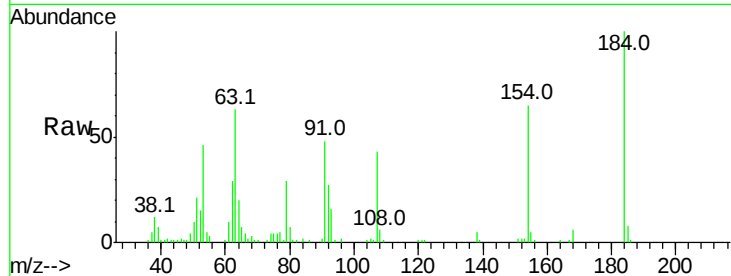




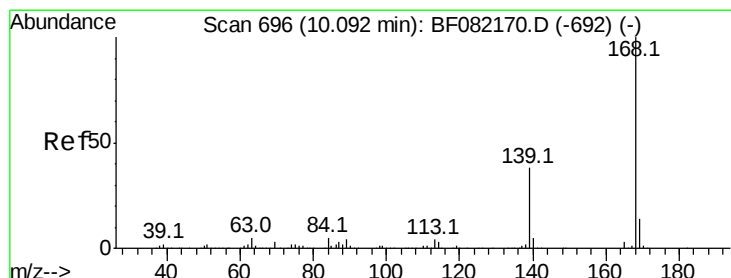
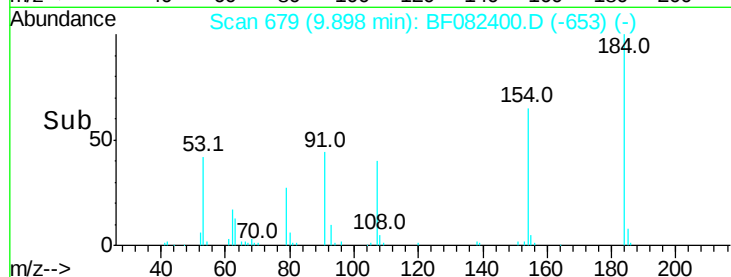
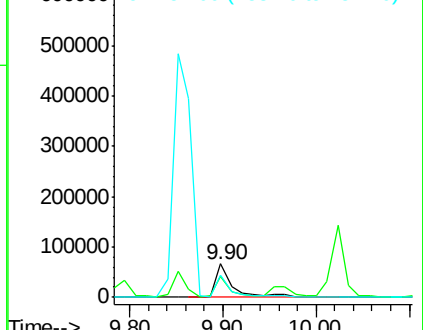
#53
 2,4-Dinitrophenol
 Concen: 36.09 ng
 RT: 9.90 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 83488
 Ion Ratio Lower Upper
 184 100
 63 63.0 45.1 67.7
 154 65.4 51.2 76.8

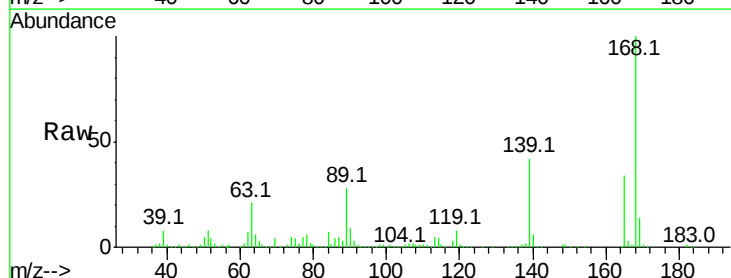


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

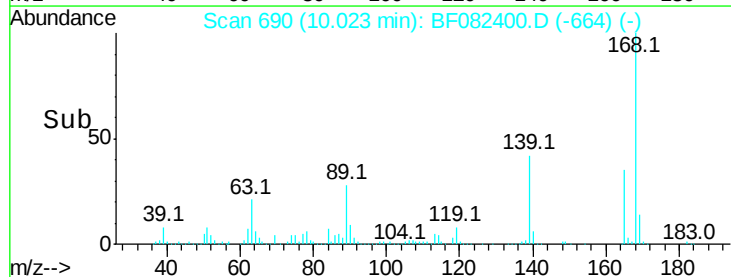
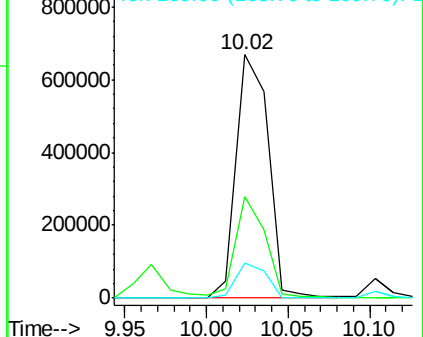


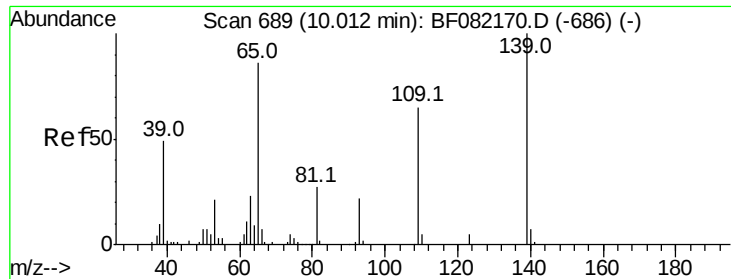
#54
 Dibenzofuran
 Concen: 37.94 ng
 RT: 10.02 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:168 Resp: 911140
 Ion Ratio Lower Upper
 168 100
 139 41.5 31.0 46.6
 169 14.3 10.9 16.3



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

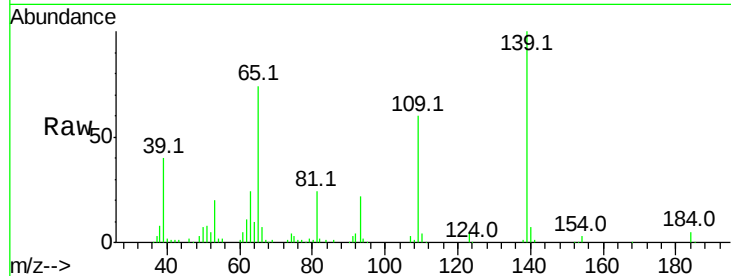




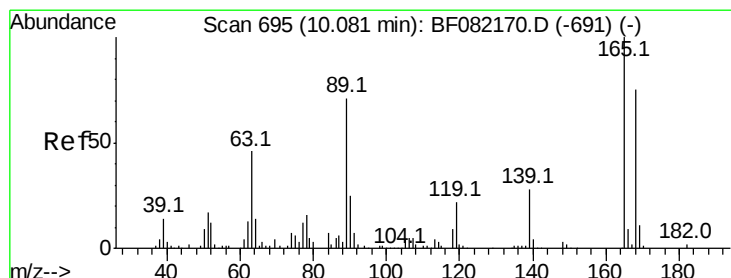
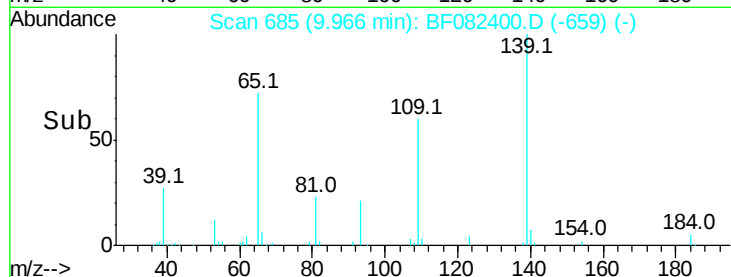
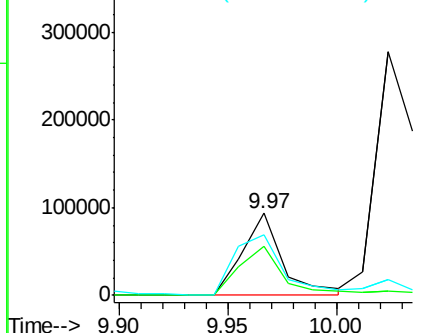
#55
4-Nitrophenol
Concen: 40.68 ng
RT: 9.97 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 118541
Ion Ratio Lower Upper
139 100
109 60.1 44.8 84.8
65 73.7 67.7 107.7

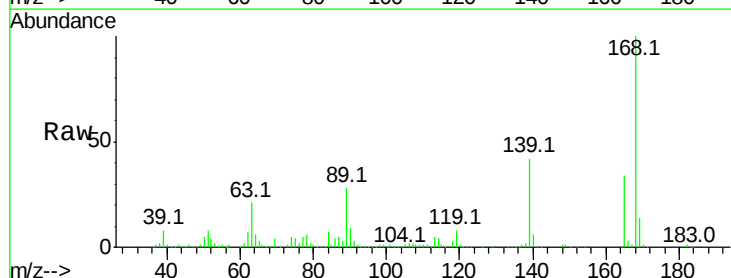


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

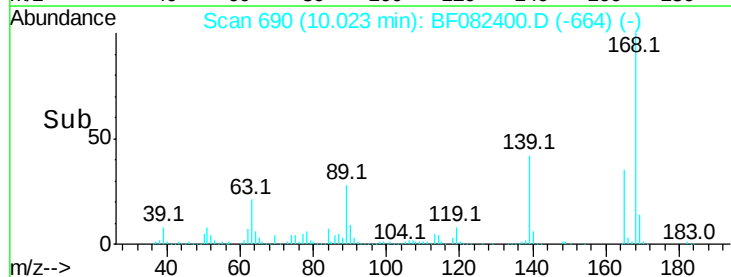
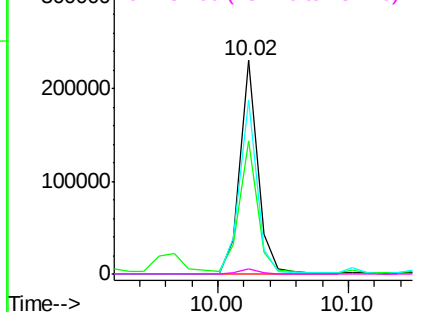


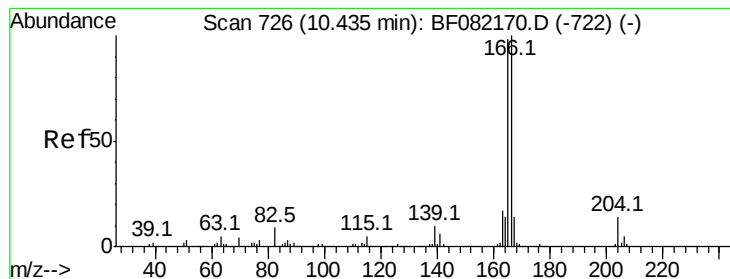
#56
2,4-Dinitrotoluene
Concen: 38.19 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:165 Resp: 220946
Ion Ratio Lower Upper
165 100
63 62.2 38.6 58.0#
89 81.7 57.0 85.6
182 2.2 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.24 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

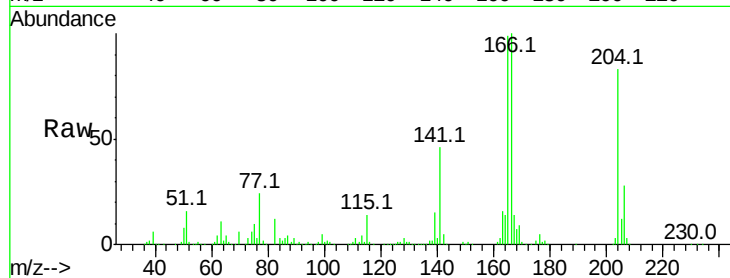
Tot Ion:166 Resp: 714774

Ion Ratio Lower Upper

166 100

165 99.1 78.3 117.5

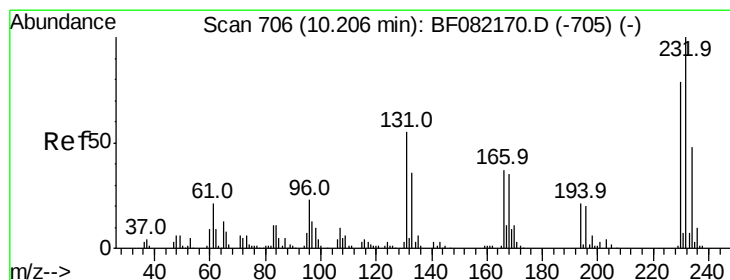
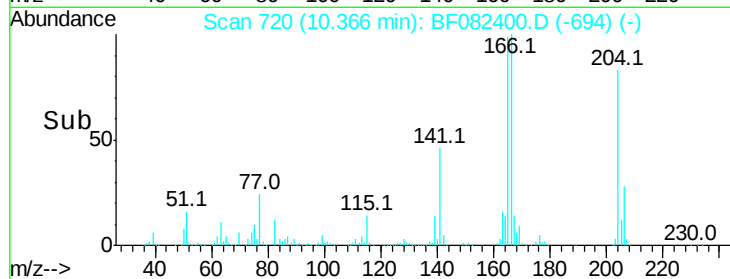
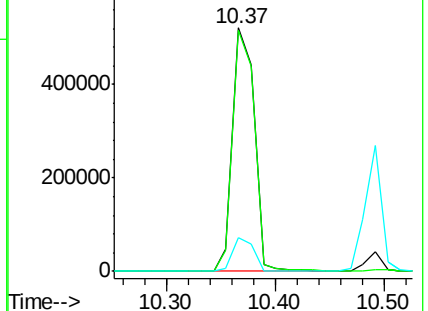
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.43 ng

RT: 10.15 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion:232 Resp: 198462

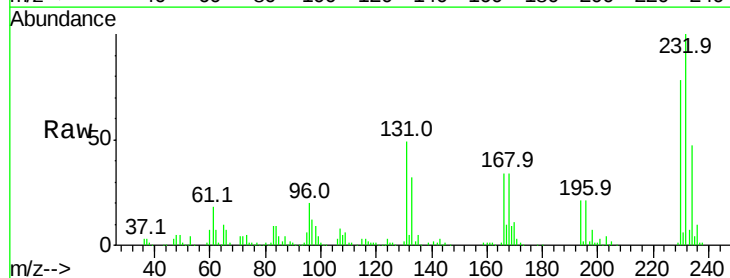
Ion Ratio Lower Upper

232 100

131 46.8 36.6 54.8

130 2.2 1.5 2.3

166 31.5 24.6 37.0

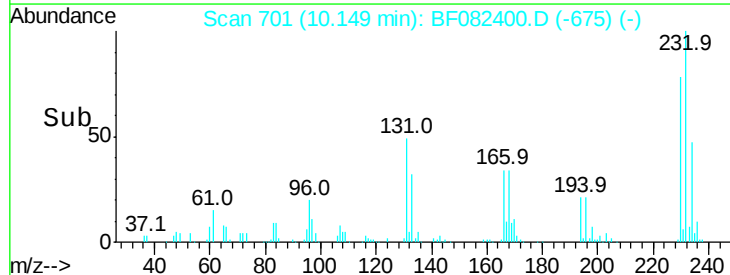
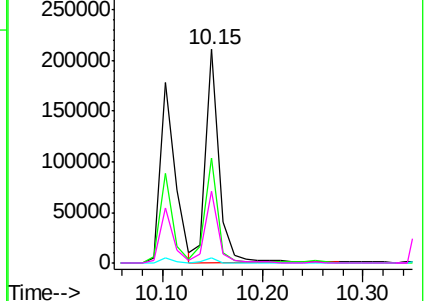


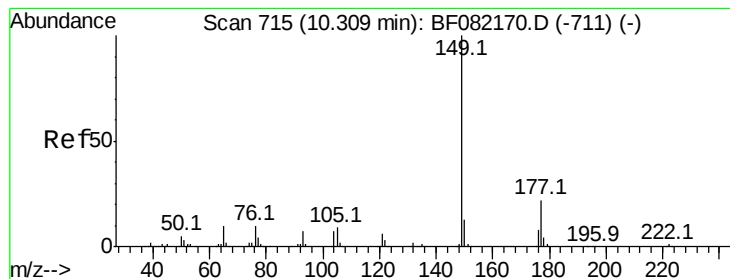
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.26 ng

RT: 10.25 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

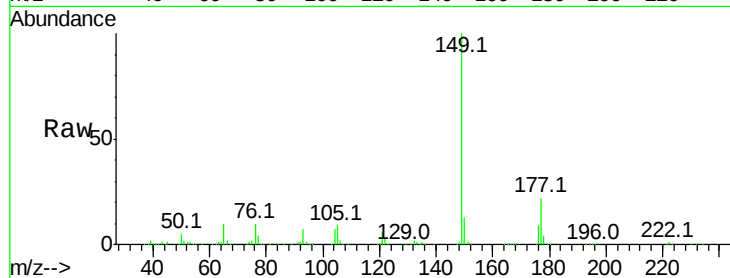
Tot Ion:149 Resp: 823333

Ion Ratio Lower Upper

149 100

177 22.3 17.6 26.4

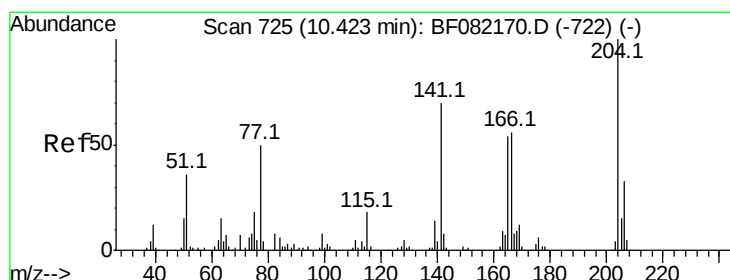
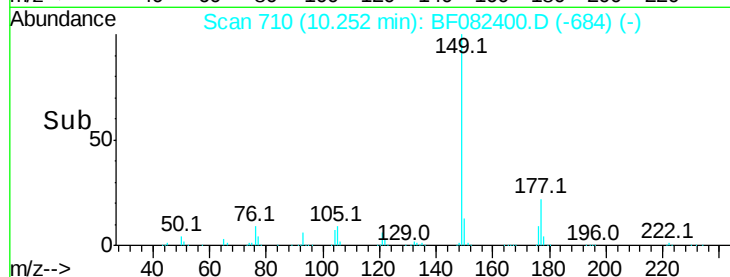
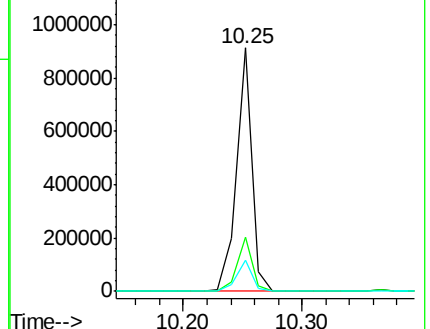
150 13.0 10.3 15.5



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: 43.10 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

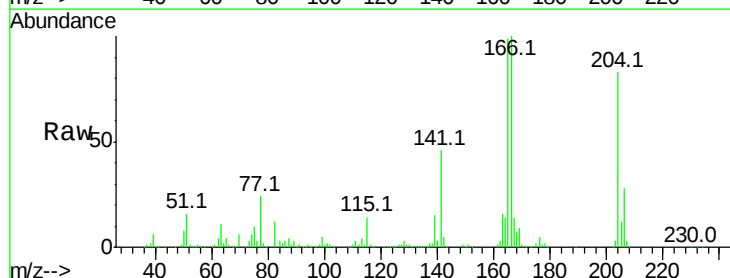
Tgt Ion:204 Resp: 389403

Ion Ratio Lower Upper

204 100

206 34.2 26.8 40.2

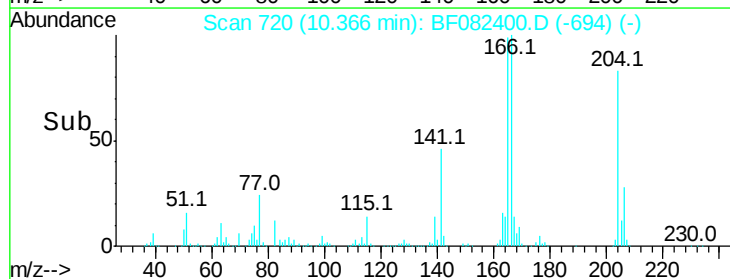
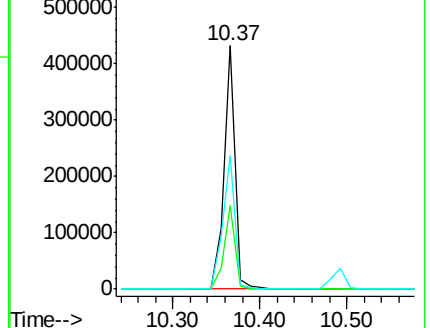
141 55.0 56.1 84.1#

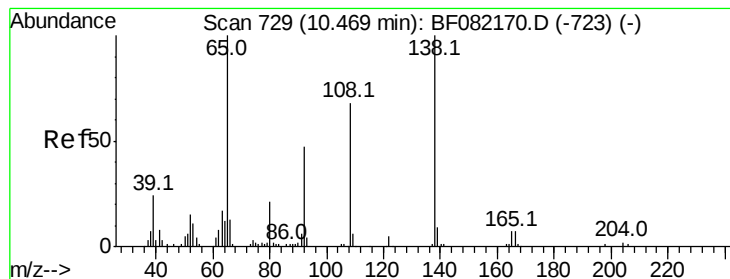


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.45 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

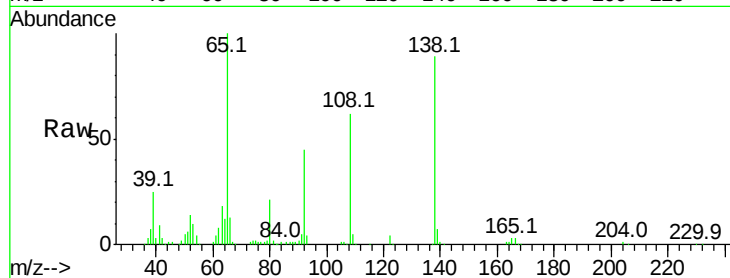
Tot Ion:138 Resp: 210213

Ion Ratio Lower Upper

138 100

92 50.3 26.8 66.8

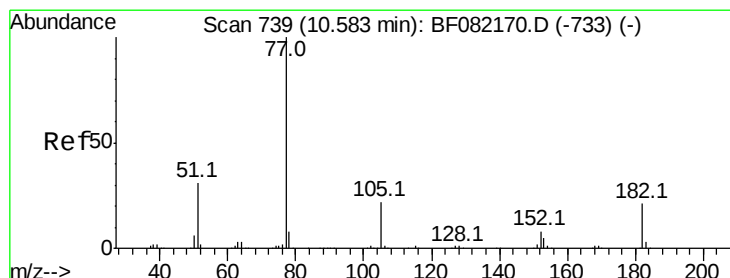
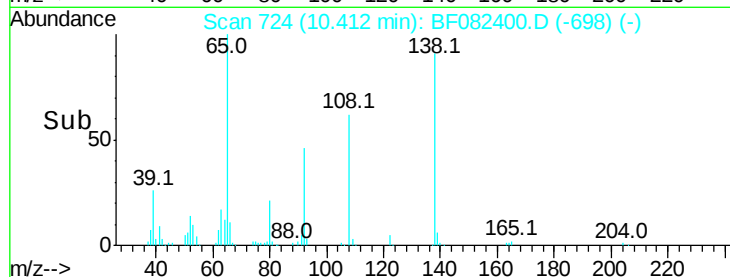
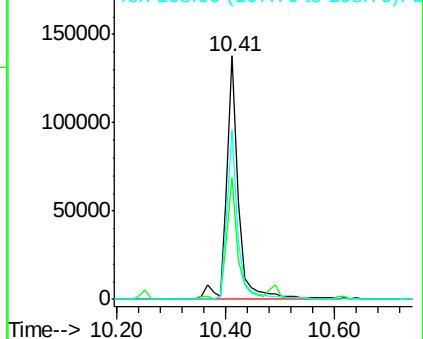
108 69.5 48.4 88.4



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: 41.92 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Tgt Ion: 77 Resp: 838944

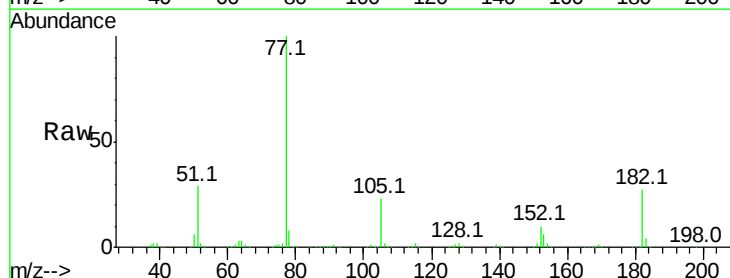
Ion Ratio Lower Upper

77 100

182 26.8 0.5 40.5

105 23.3 1.8 41.8

51 28.8 11.2 51.2

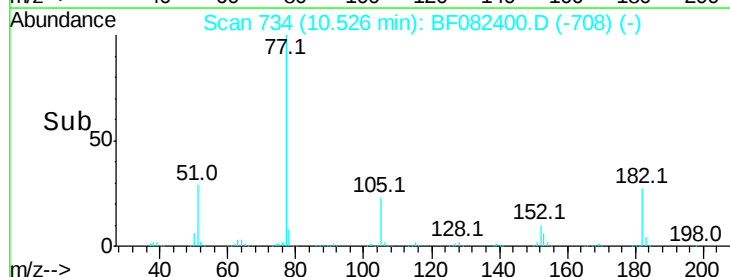
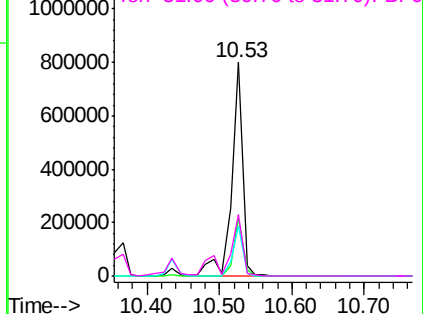


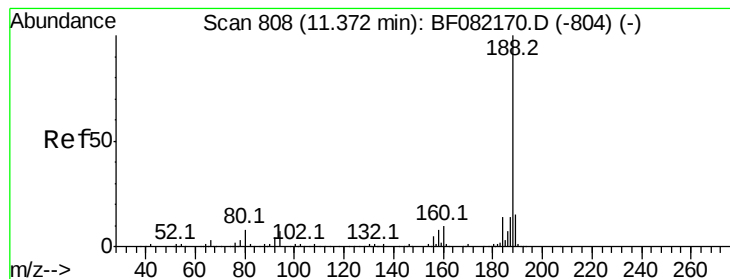
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

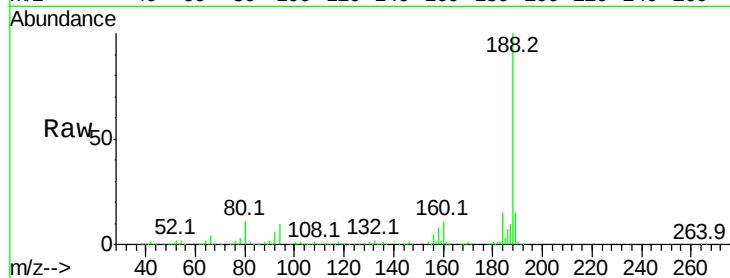
Tot Ion:188 Resp: 594689

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.6#

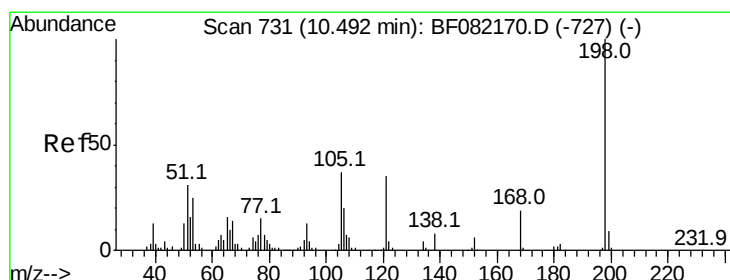
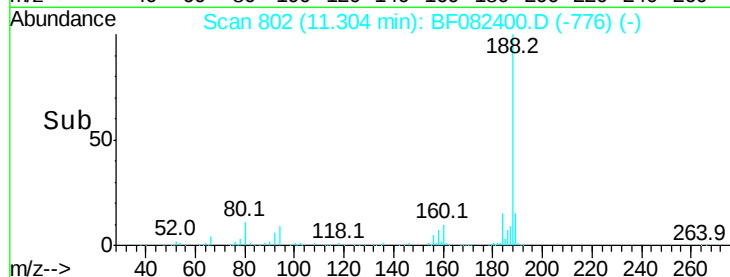
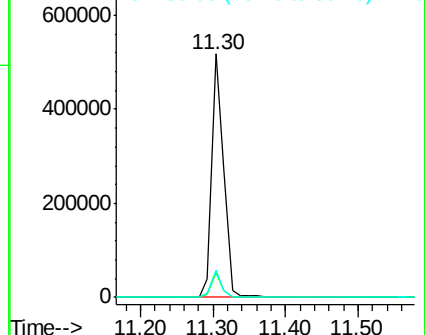
80 11.0 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.58 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

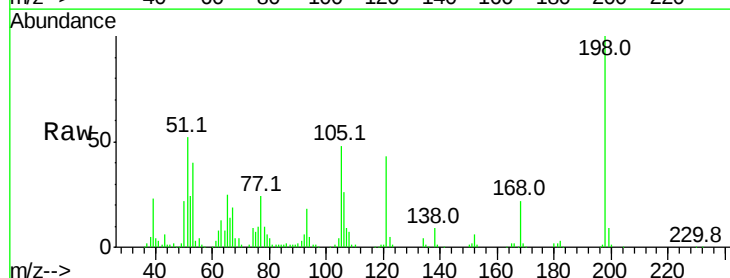
Tgt Ion:198 Resp: 125406

Ion Ratio Lower Upper

198 100

51 52.0 13.6 53.6

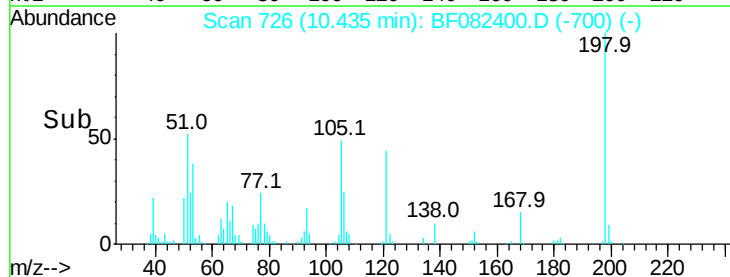
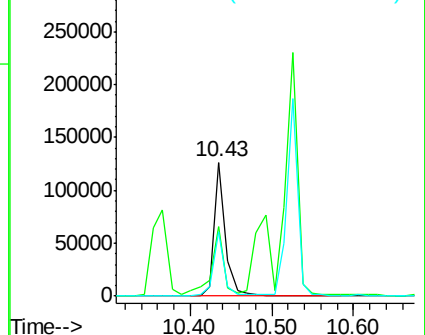
105 48.1 17.1 57.1

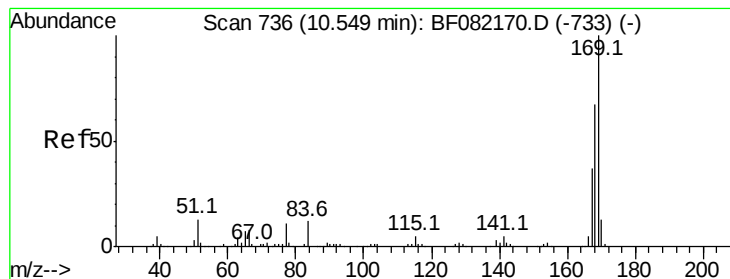


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.94 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

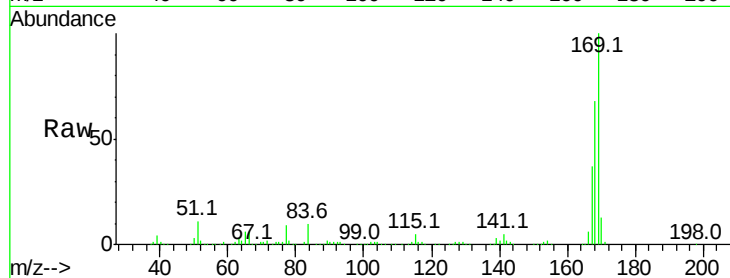
Tot Ion:169 Resp: 746728

Ion Ratio Lower Upper

169 100

168 68.3 54.0 81.0

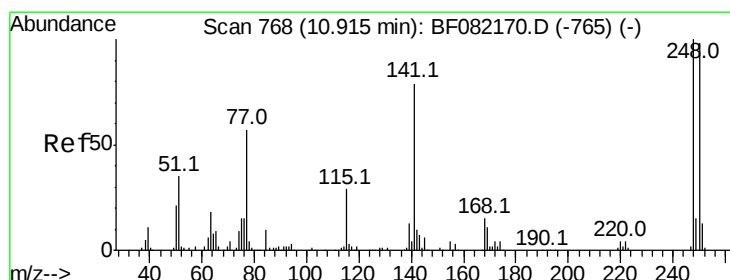
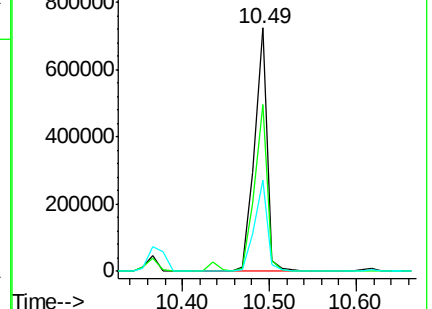
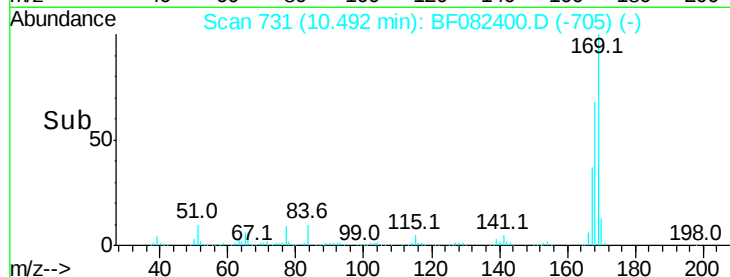
167 37.4 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.32 ng

RT: 10.86 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

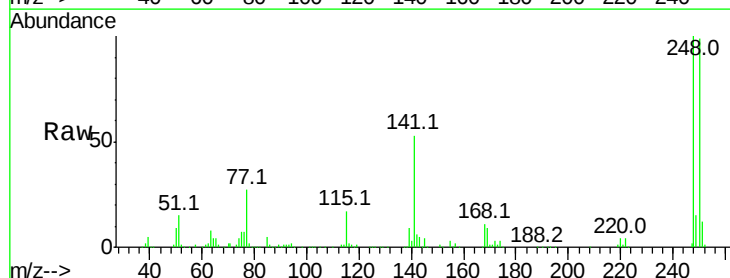
Tgt Ion:248 Resp: 234031

Ion Ratio Lower Upper

248 100

250 99.5 78.6 117.8

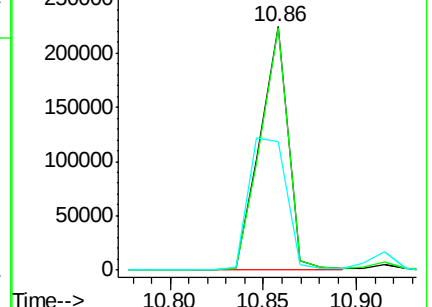
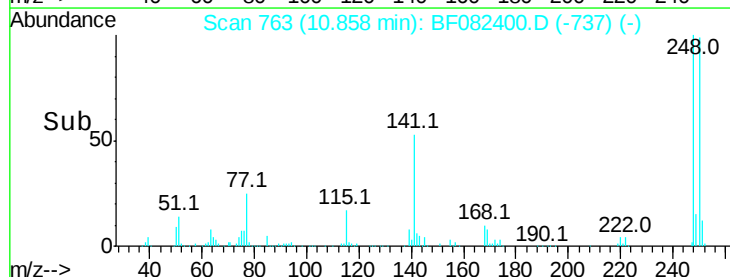
141 52.9 63.3 94.9#

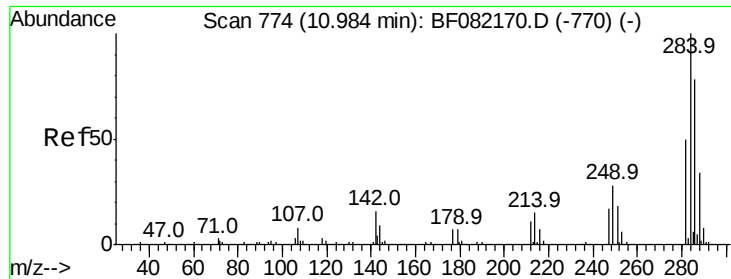


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

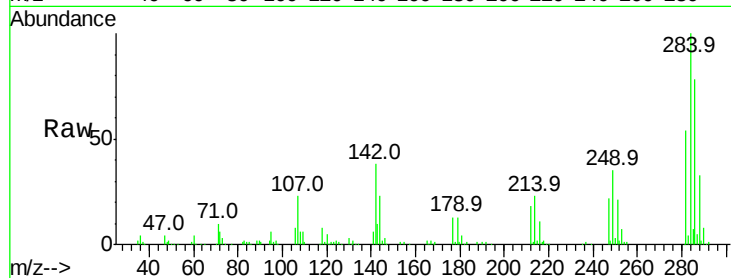




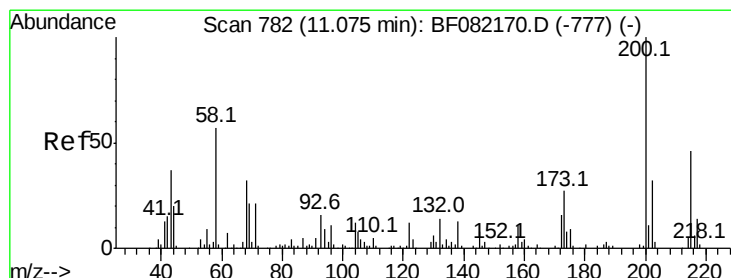
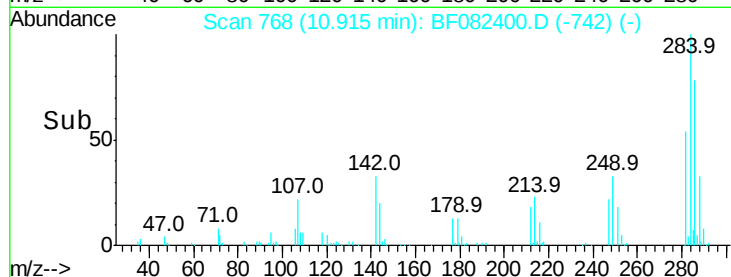
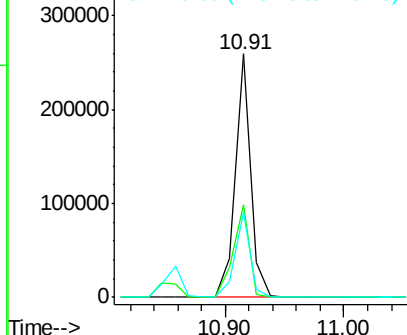
#67
Hexachlorobenzene
Concen: 36.31 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 233690
Ion Ratio Lower Upper
284 100
142 37.8 13.0 19.6#
249 34.7 22.5 33.7#

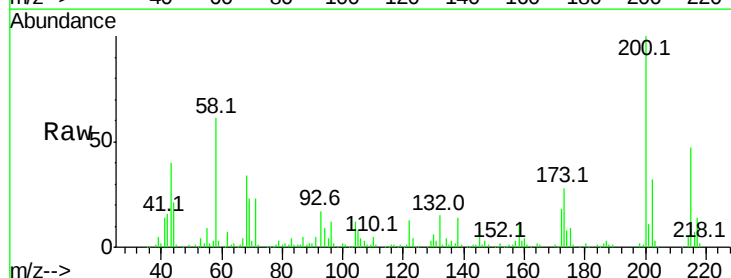


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

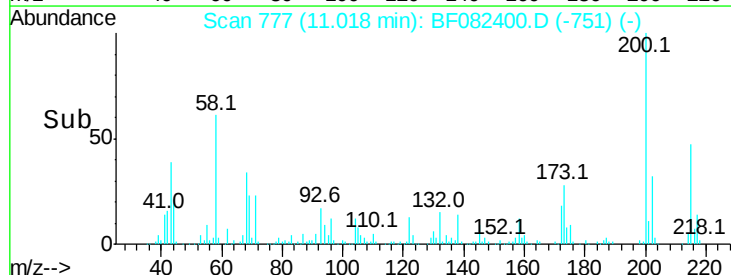
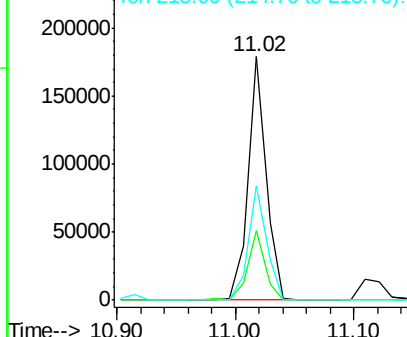


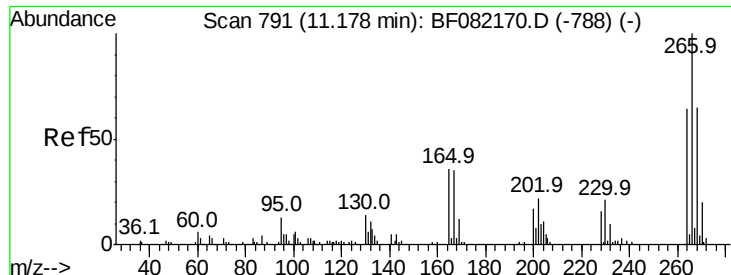
#68
Atrazine
Concen: 33.99 ng
RT: 11.02 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:200 Resp: 191747
Ion Ratio Lower Upper
200 100
173 28.3 7.3 47.3
215 46.8 26.2 66.2



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

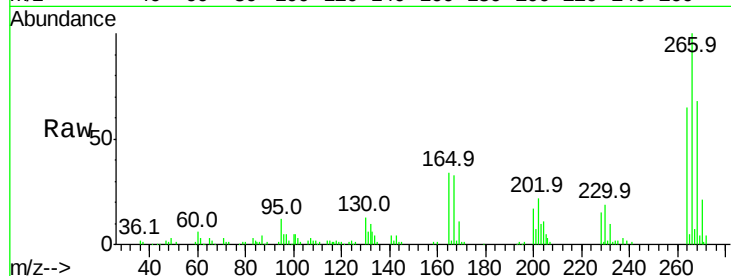




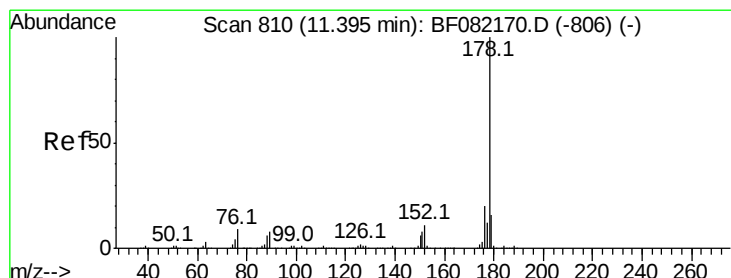
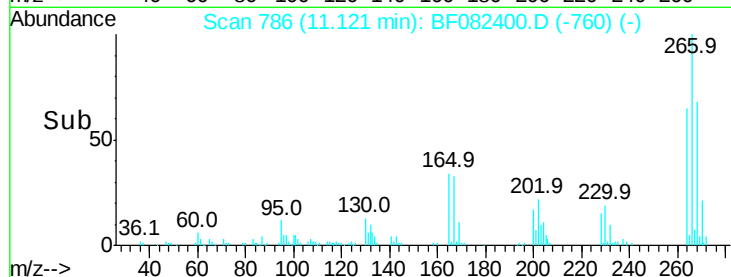
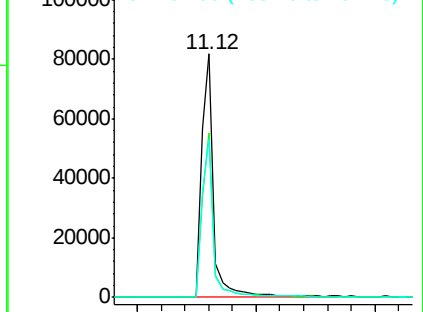
#69
 Pentachlorophenol
 Concen: 35.64 ng
 RT: 11.12 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 118031
 Ion Ratio Lower Upper
 266 100
 268 67.5 52.0 78.0
 264 64.8 51.4 77.0

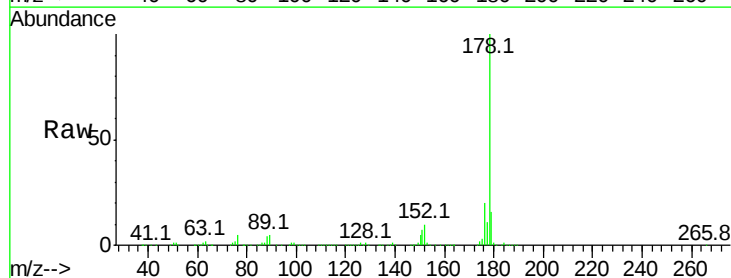


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

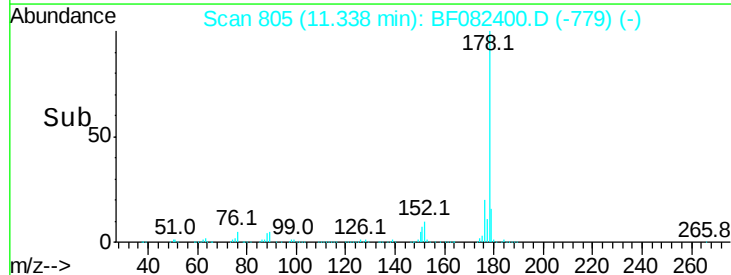
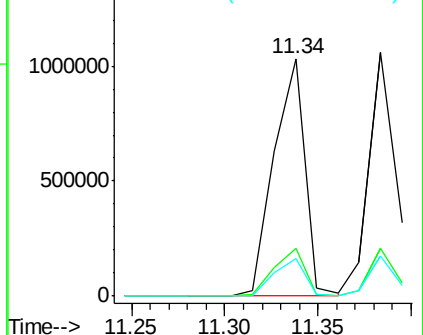


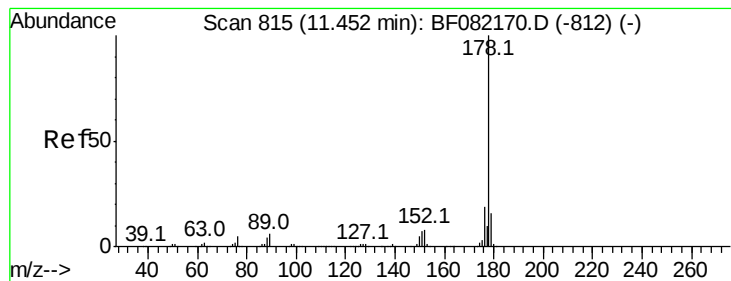
#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 11.34 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:178 Resp: 1187513
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.0 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: 36.57 ng

RT: 11.38 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

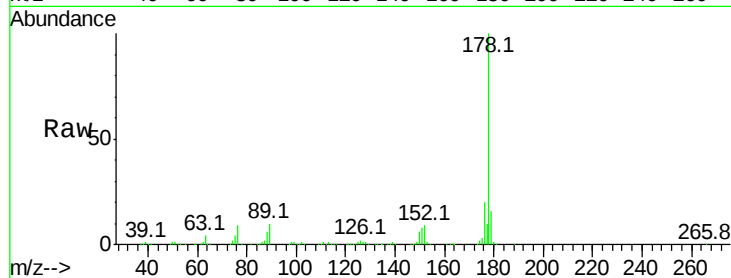
Tot Ion:178 Resp: 1098410

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

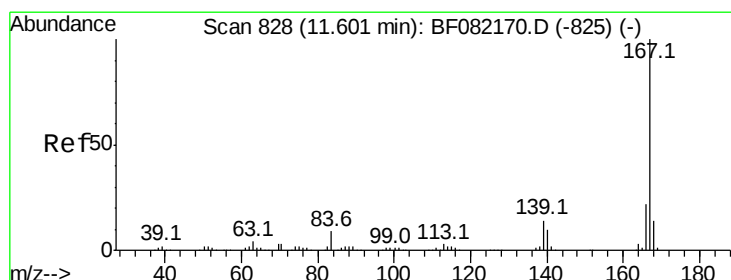
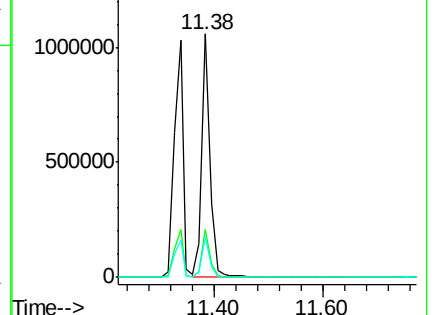
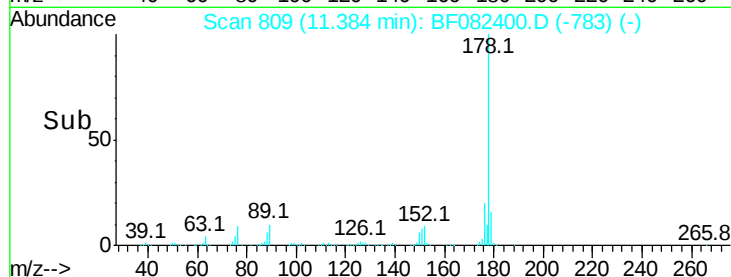
179 16.3 12.5 18.7



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: 35.53 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

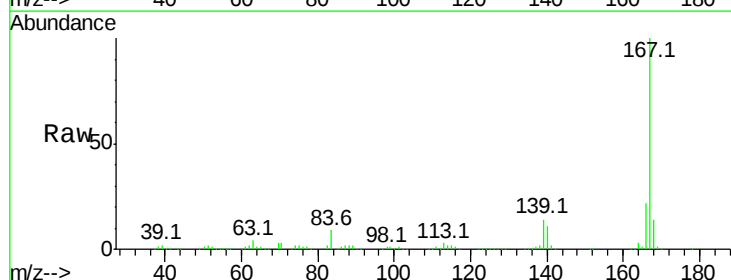
Tgt Ion:167 Resp: 973653

Ion Ratio Lower Upper

167 100

166 22.4 17.3 25.9

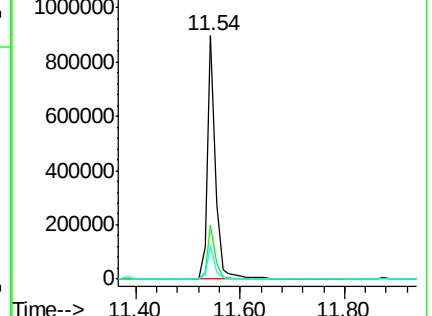
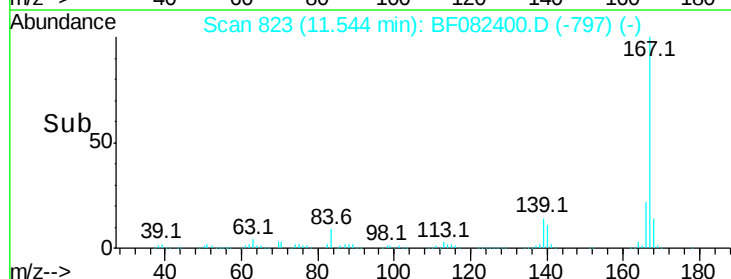
139 14.0 11.2 16.8

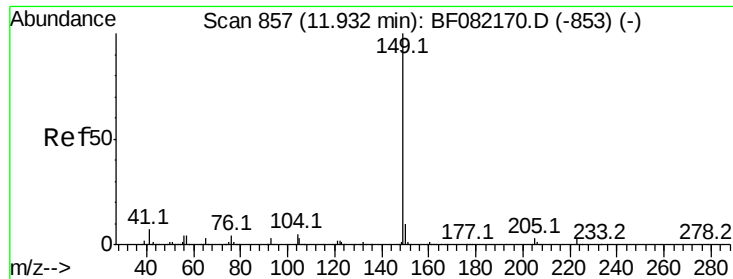


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.01 ng

RT: 11.88 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

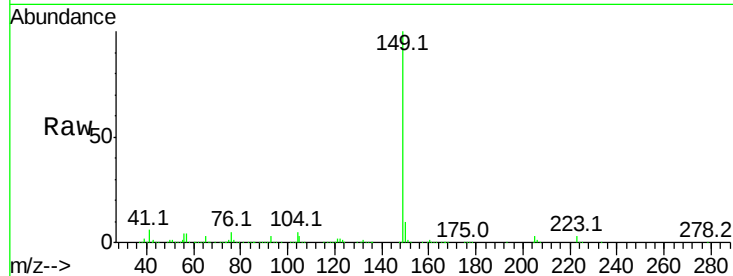
Tot Ion:149 Resp: 1352311

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

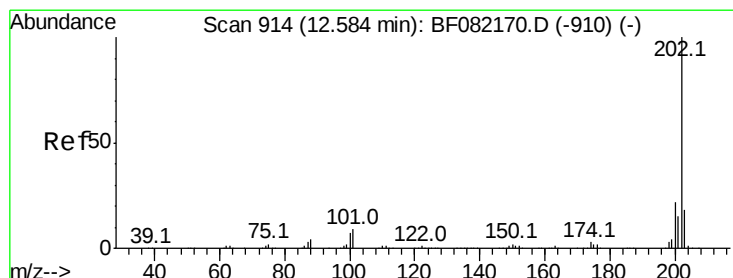
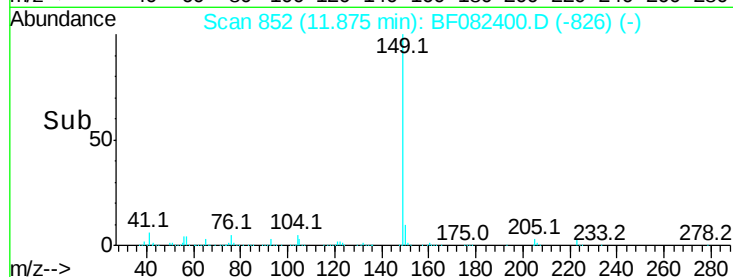
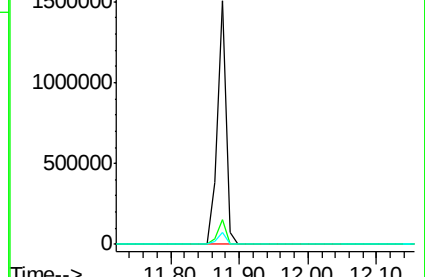
104 4.8 3.8 5.8



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: 39.84 ng

RT: 12.53 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

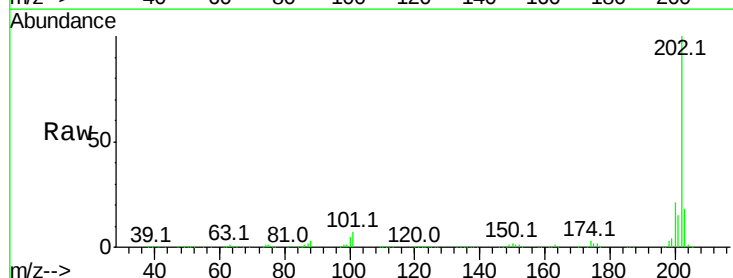
Tgt Ion:202 Resp: 1247345

Ion Ratio Lower Upper

202 100

101 6.7 0.0 29.3

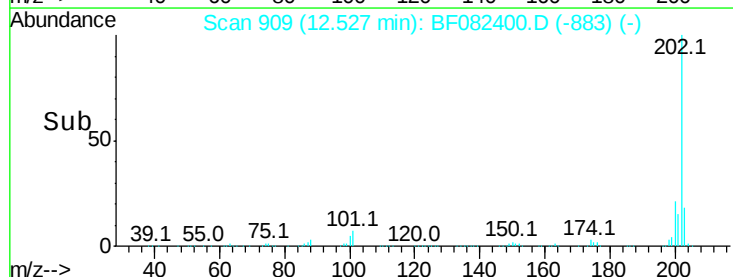
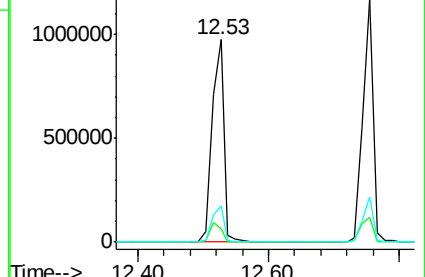
203 17.9 0.0 37.8

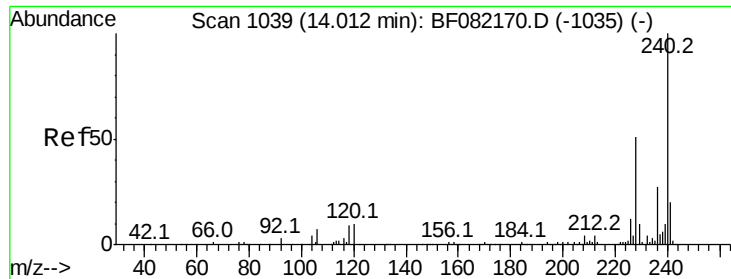


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

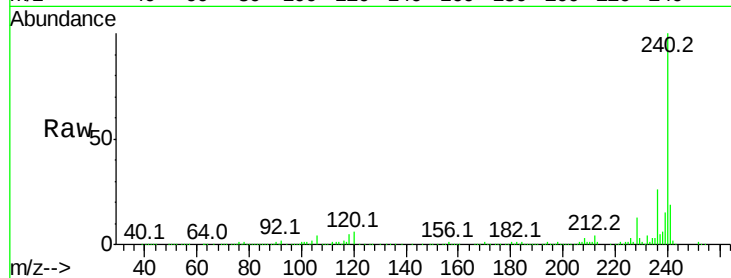




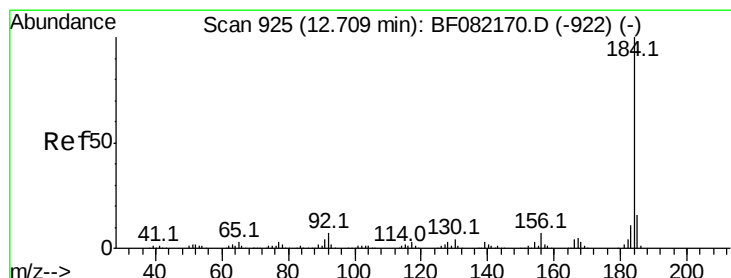
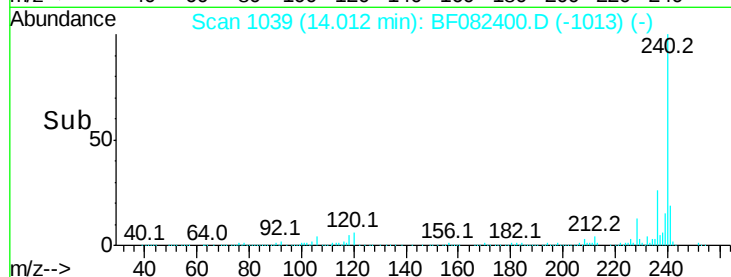
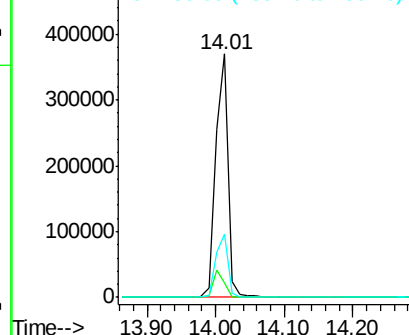
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:240 Resp: 467936
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.1 12.1#
 236 25.7 21.3 31.9

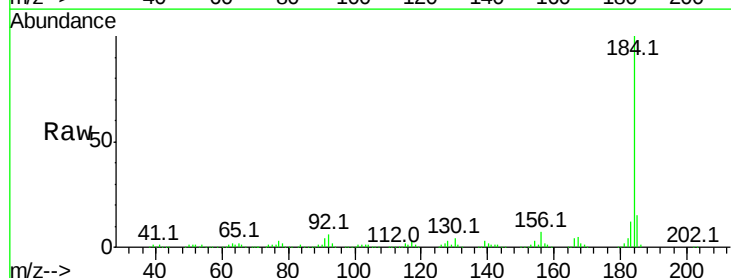


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

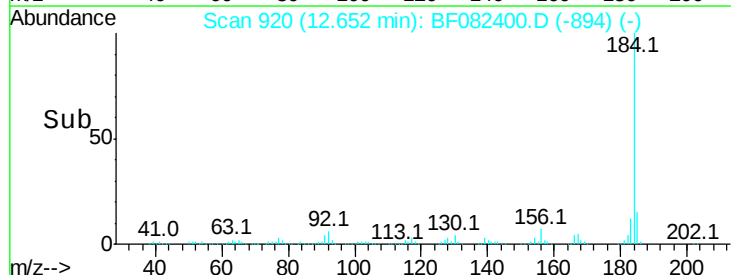
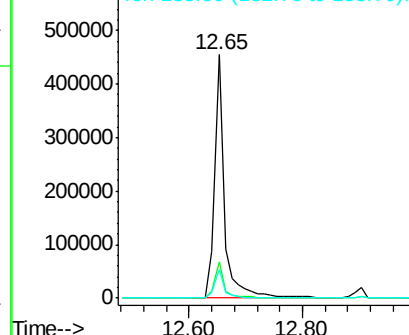


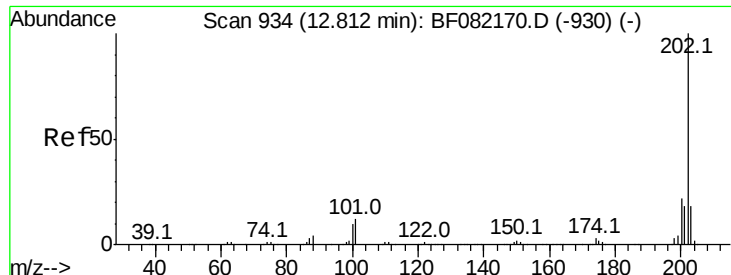
#76
 Benzidine
 Concen: 39.01 ng
 RT: 12.65 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:184 Resp: 529053
 Ion Ratio Lower Upper
 184 100
 185 15.0 12.5 18.7
 183 11.8 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

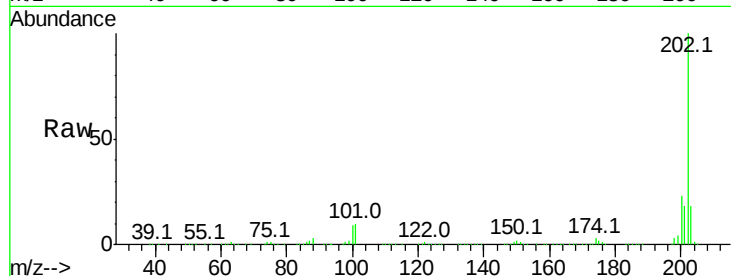




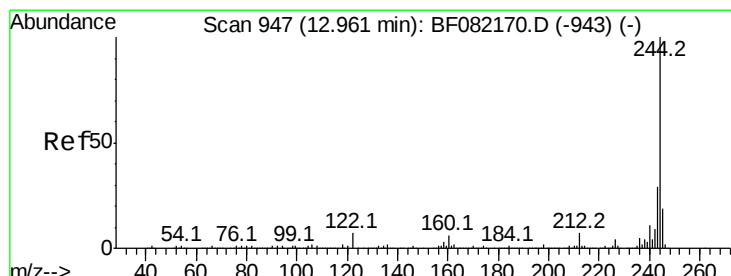
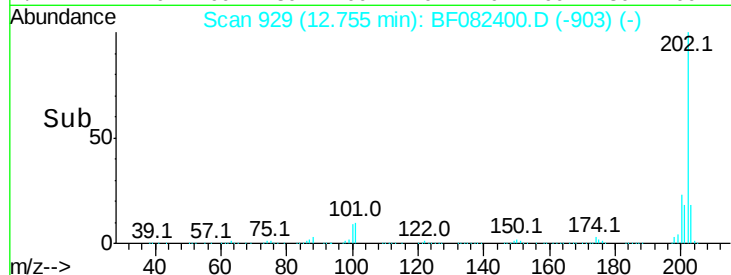
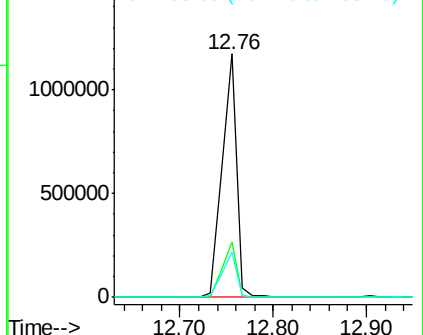
#77
Pvrene
Concen: 44.71 ng
RT: 12.76 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1241576
Ion Ratio Lower Upper
202 100
200 22.8 17.9 26.9
203 18.4 14.5 21.7

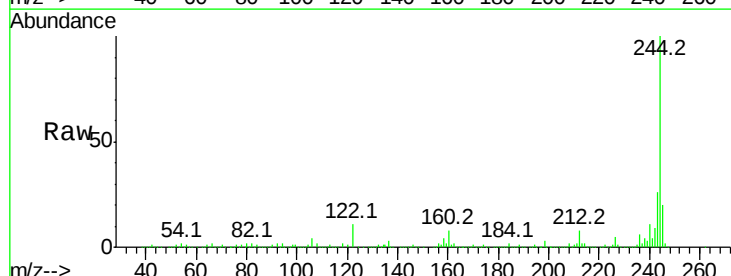


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

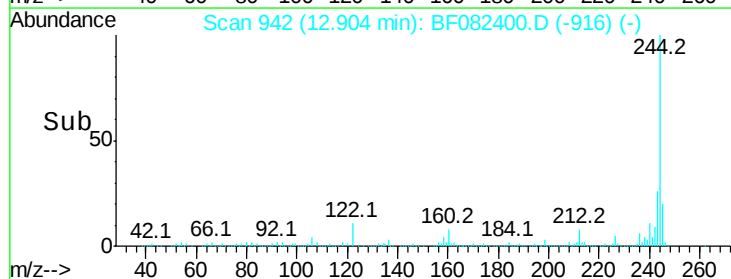
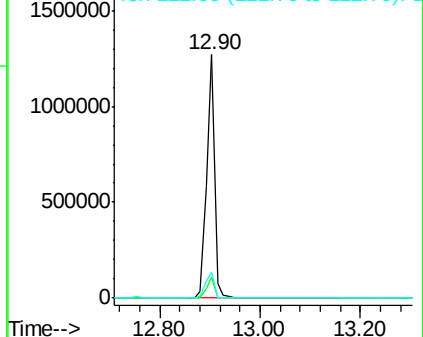


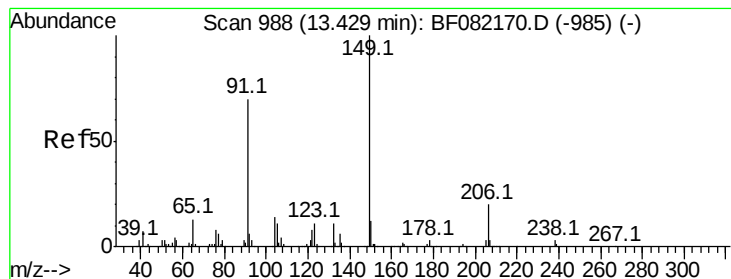
#78
Terphenyl-d14
Concen: 78.40 ng
RT: 12.90 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:244 Resp: 1384450
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 10.9 5.9 8.9#



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





#79

Butylbenzylphthalate

Concen: 45.97 ng

RT: 13.40 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

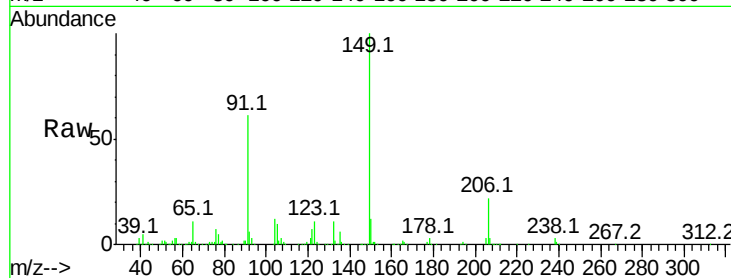
Tot Ion:149 Resp: 582582

Ion Ratio Lower Upper

149 100

91 61.2 55.7 83.5

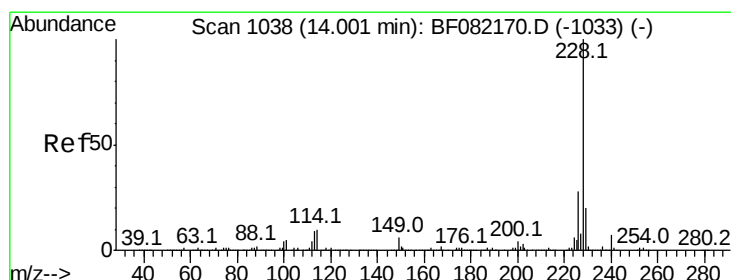
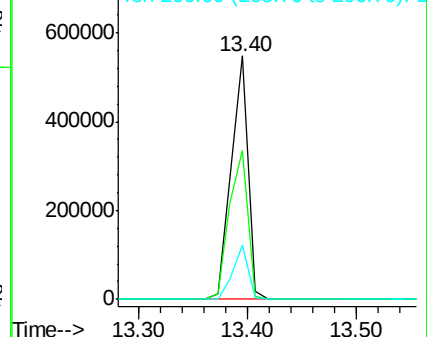
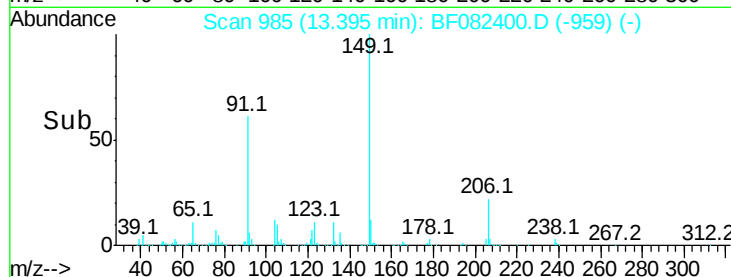
206 22.2 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.78 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

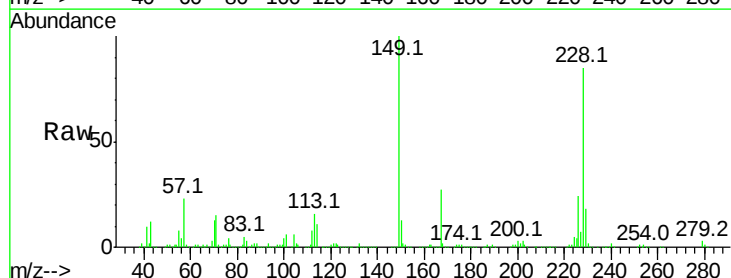
Tgt Ion:228 Resp: 919865

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

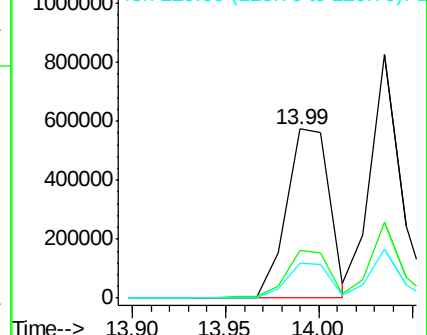
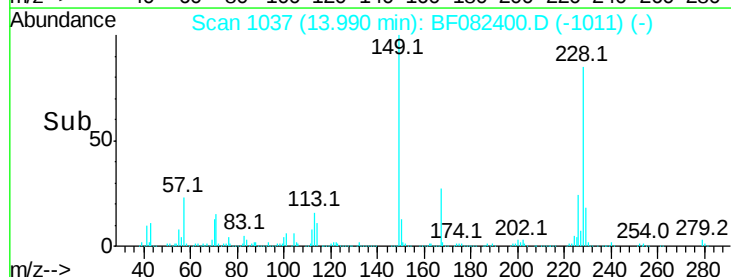
229 20.6 16.2 24.2

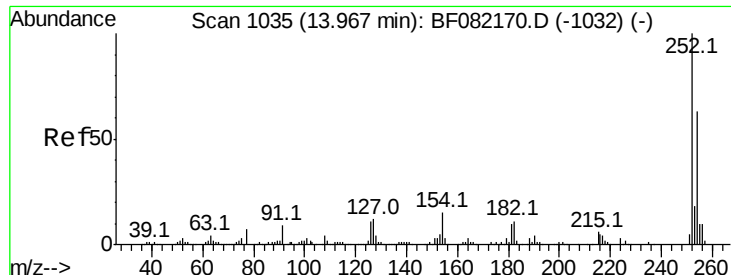


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

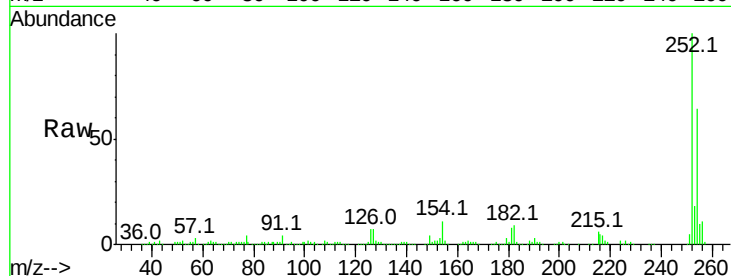




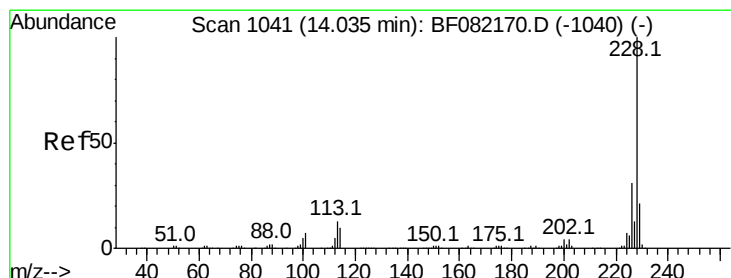
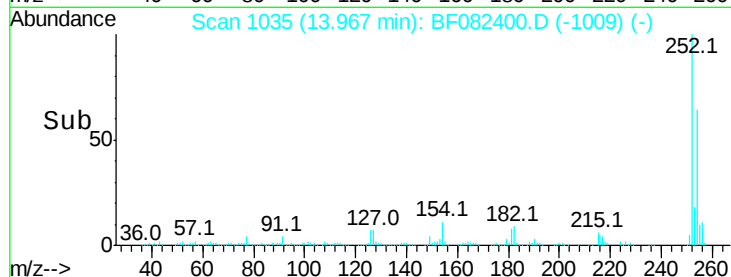
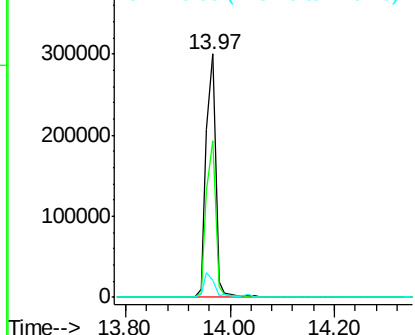
#81
 3,3'-Dichlorobenzidine
 Concen: 41.73 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 385649
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 7.0 9.0 13.6#

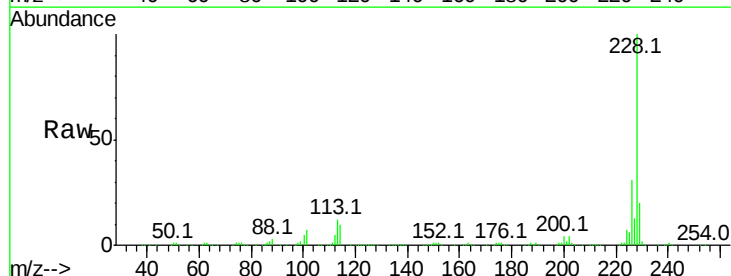


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

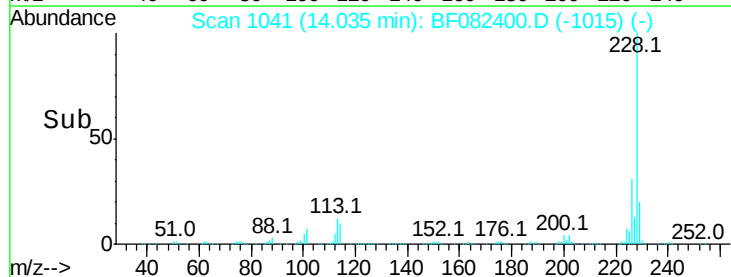
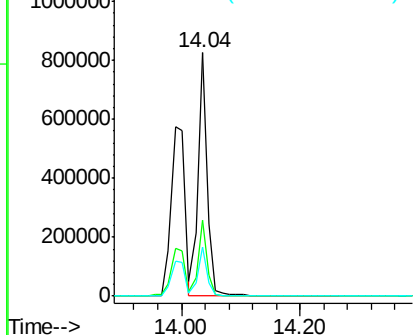


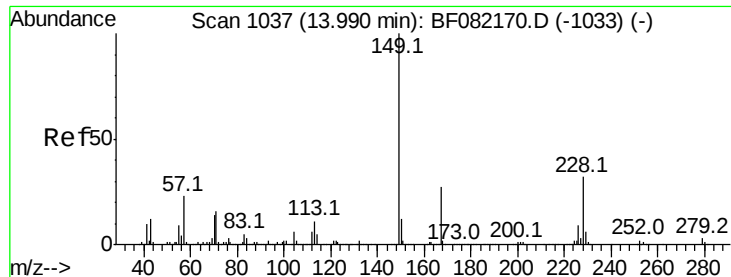
#82
 Chrysene
 Concen: 35.95 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:228 Resp: 922374
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.1 16.3 24.5



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

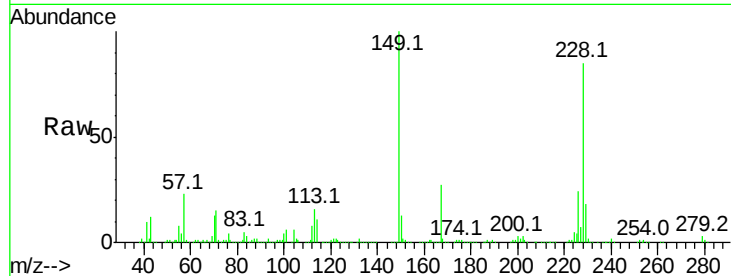




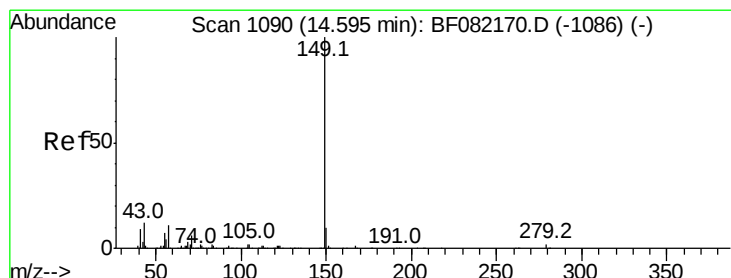
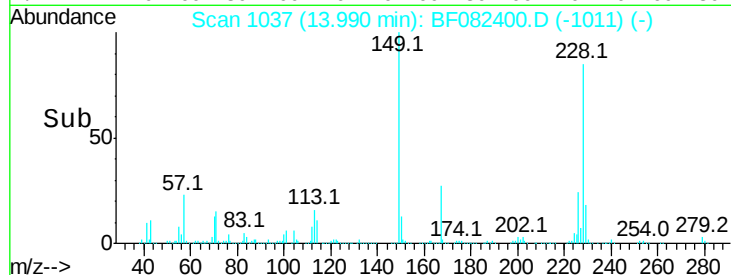
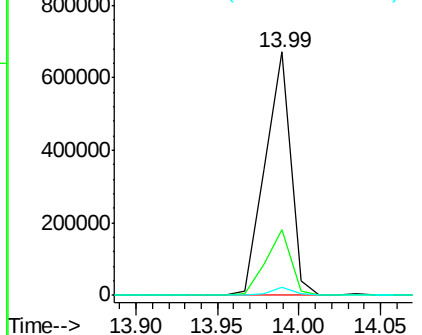
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.87 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 738889
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.4 2.6 4.0

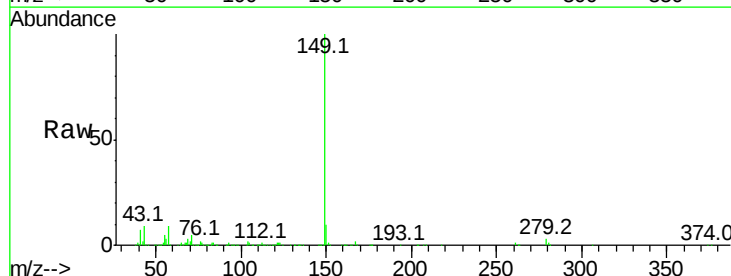


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

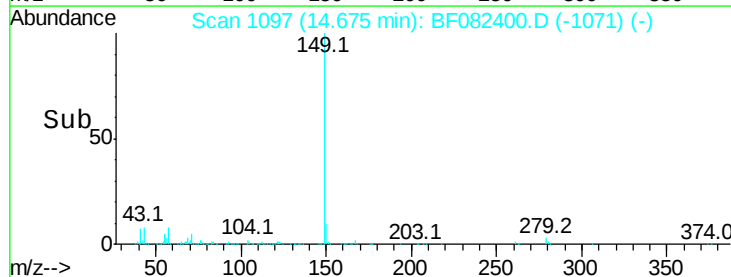
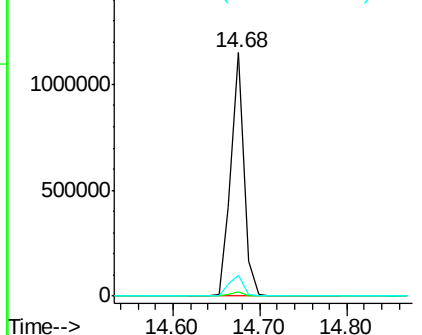


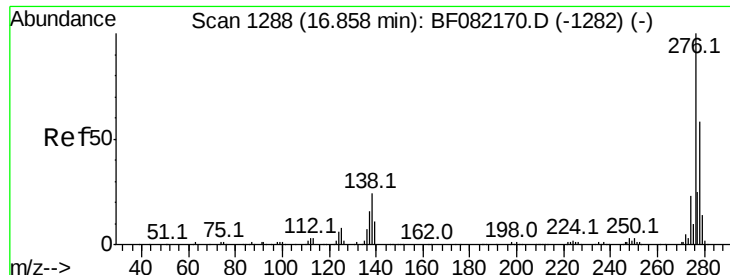
#84
 Di-n-octyl phthalate
 Concen: 38.74 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion:149 Resp: 1202934
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.4 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

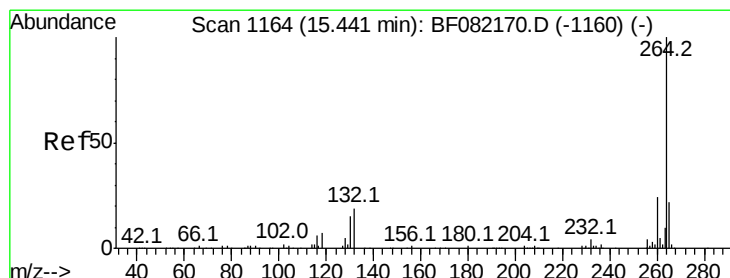
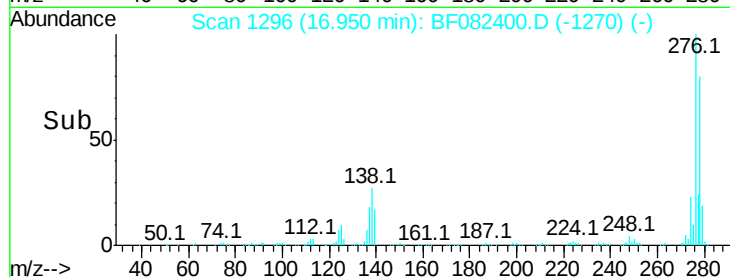
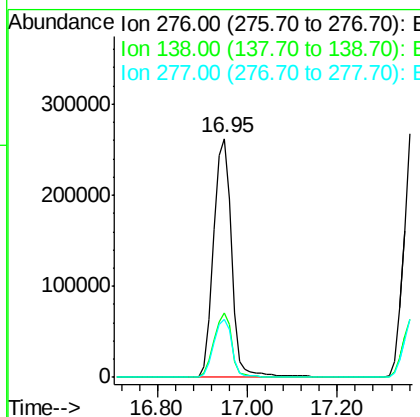
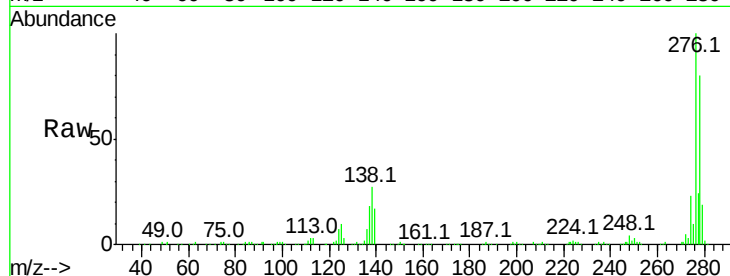




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.16 ng
 RT: 16.95 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

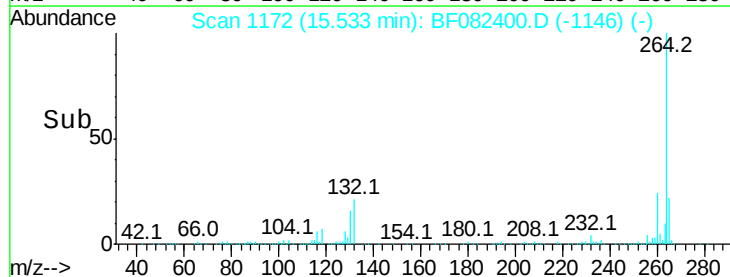
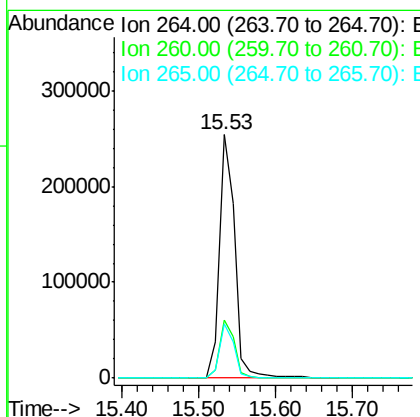
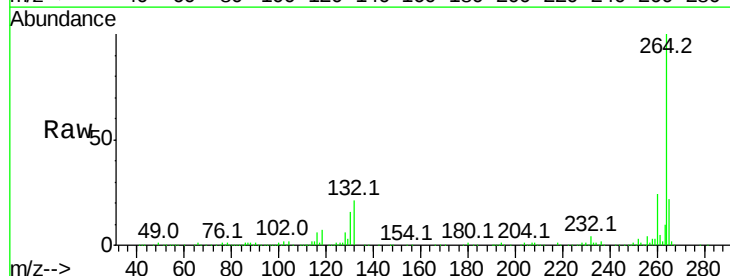
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

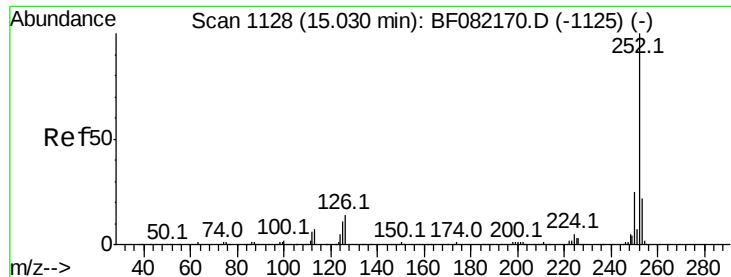
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	19.7	29.5
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.2	17.3	25.9

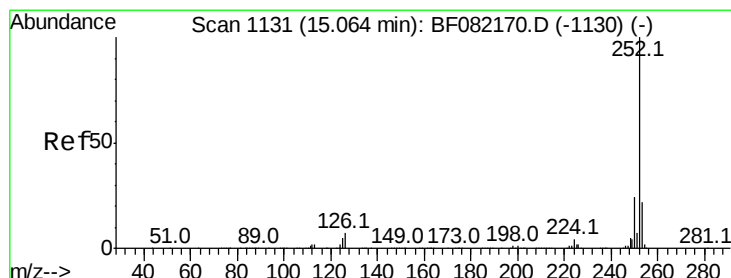
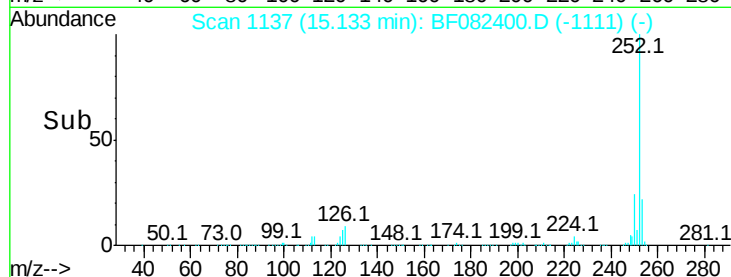
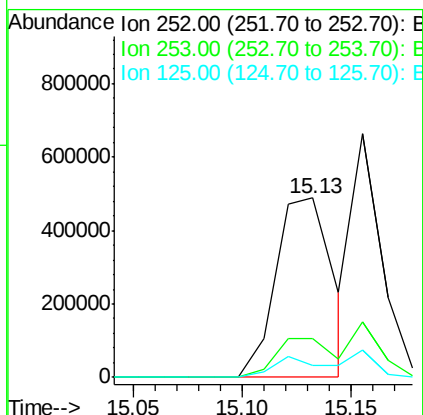
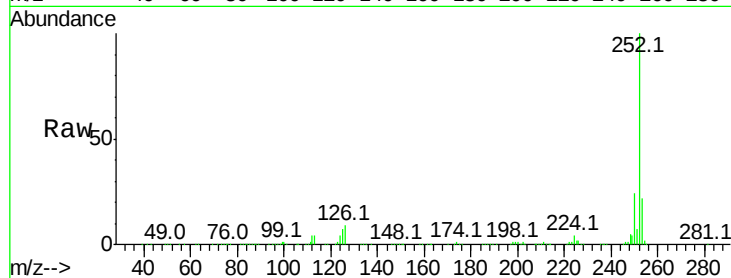




#87
Benzo(b)fluoranthene
Concen: 41.18 ng
RT: 15.13 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

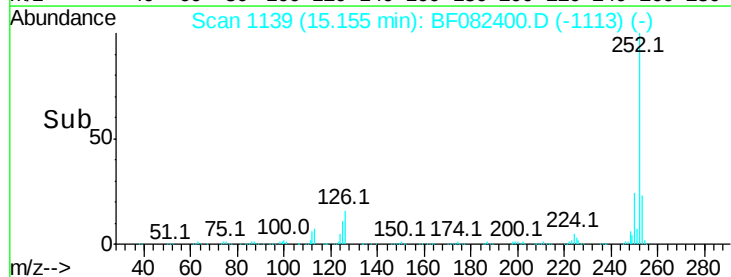
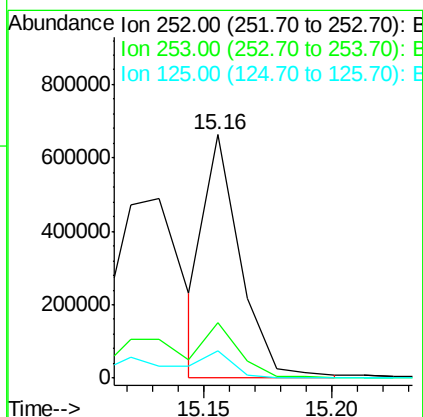
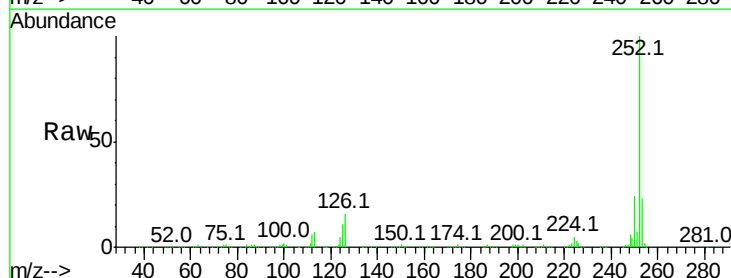
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

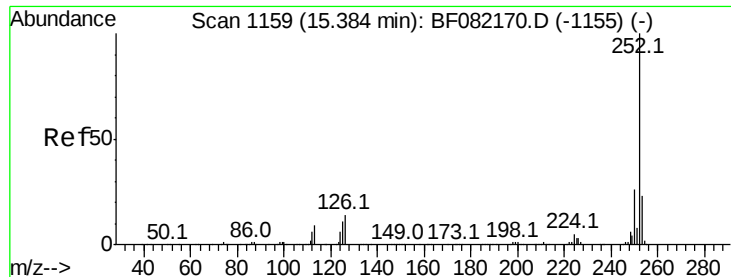
Tot Ion:252 Resp: 890006
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.7 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 35.08 ng m
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF082400.D
Acq: 21 Oct 2015 12:55

Tgt Ion:252 Resp: 637271
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.0 6.7 10.1#





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 15.48 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

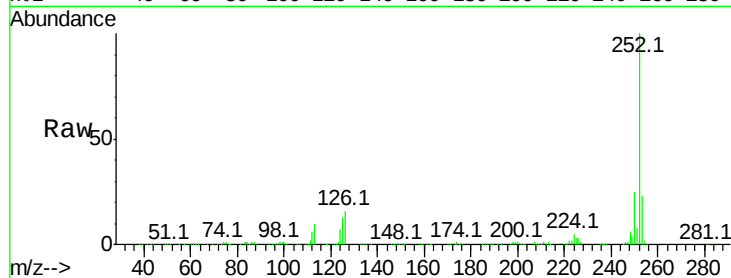
Tot Ion:252 Resp: 707106

Ion Ratio Lower Upper

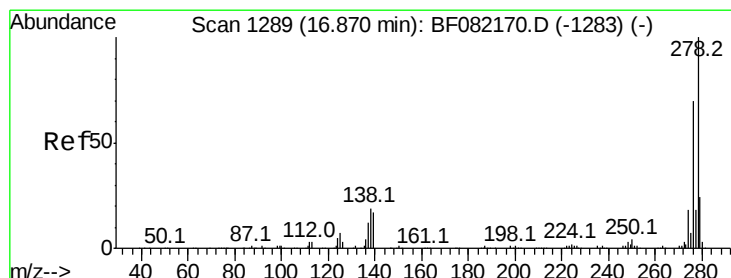
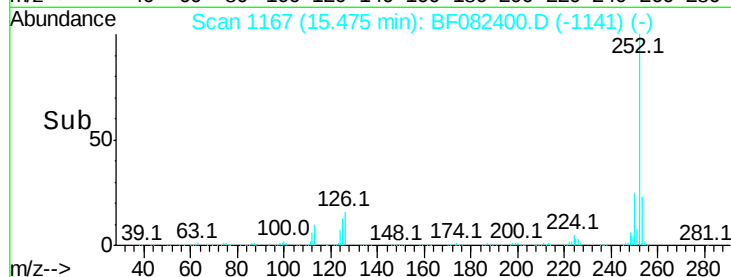
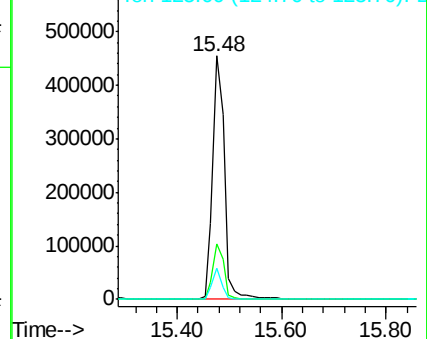
252 100

253 22.8 18.2 27.2

125 12.8 8.9 13.3



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



#90

Dibenzo(a,h)anthracene

Concen: 40.48 ng

RT: 16.96 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF082400.D

Acq: 21 Oct 2015 12:55

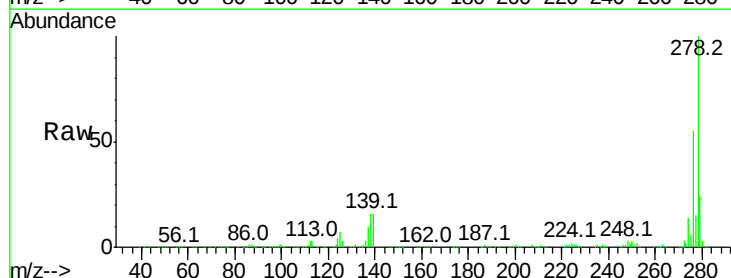
Tgt Ion:278 Resp: 616113

Ion Ratio Lower Upper

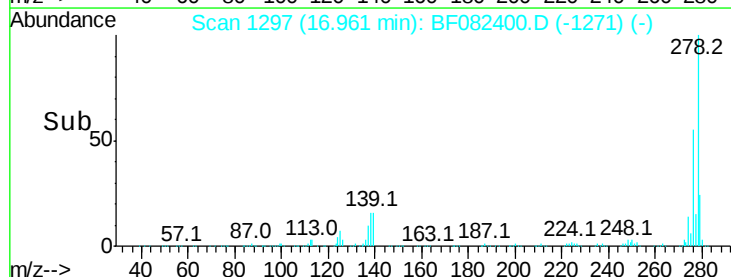
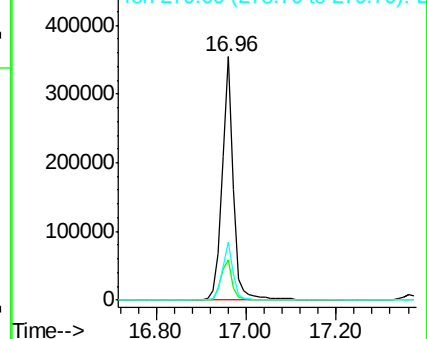
278 100

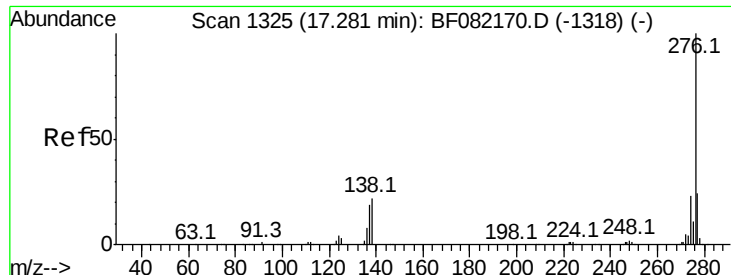
139 16.3 13.3 19.9

279 23.6 18.9 28.3



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

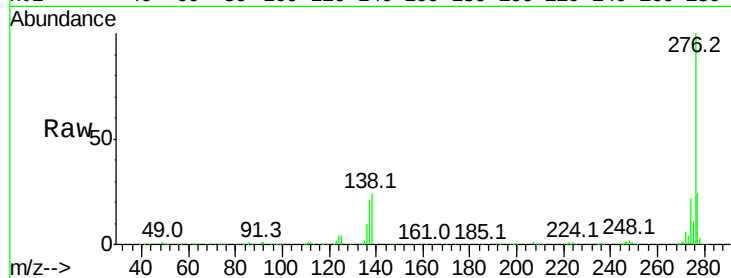




#91
 Benzo(a,h,i)perylene
 Concen: 40.77 ng
 RT: 17.36 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF082400.D
 Acq: 21 Oct 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.6	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

