

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083175.D
 Acq On : 22 Nov 2015 23:08
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 23 03:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192679	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	752292	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	374184	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	690677	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	519038	20.00	ng	-0.01
86) Perylene-d12	15.15	264	482584	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1018201	79.89	ng	-0.03
7) Phenol-d6	6.32	99	1317175	79.88	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1238435	75.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	294949	77.05	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1925452	71.75	ng	-0.01
78) Terphenyl-d14	12.75	244	1912981	86.79	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	240621	38.11	ng	96
4) n-Nitrosodimethylamine	2.73	42	339348	44.13	ng	98
6) Aniline	6.32	93	915060	45.41	ng	92
8) 2-Chlorophenol	6.44	128	552056	40.09	ng	89
9) Benzaldehyde	6.19	77	352162	43.80	ng	100
10) Phenol	6.33	94	817508	40.98	ng	85
11) bis(2-Chloroethyl)ether	6.40	93	601544	42.23	ng	98
12) 1,3-Dichlorobenzene	6.82	146	565658	35.98	ng	97
13) 1,4-Dichlorobenzene	6.59	146	618669	38.90	ng	95
14) 1,2-Dichlorobenzene	6.82	146	576430	39.88	ng	98
15) Benzyl Alcohol	6.81	79	498283	36.16	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1001036	45.07	ng	# 63
17) 2-Methylphenol	6.94	107	454413	39.88	ng	94
18) Hexachloroethane	7.16	117	225688	40.29	ng	92
19) n-Nitroso-di-n-propylamine	7.08	70	468392	40.82	ng	96
20) 3+4-Methylphenols	7.10	107	603724	41.92	ng	97
22) Acetophenone	7.07	105	827603	38.32	ng	# 99
24) Nitrobenzene	7.24	77	711348	40.44	ng	97
25) Isophorone	7.48	82	1205908	38.69	ng	97
26) 2-Nitrophenol	7.56	139	300523	38.70	ng	95
27) 2,4-Dimethylphenol	7.62	122	518505	41.83	ng	93
28) bis(2-Chloroethoxy)methane	7.70	93	674803	37.23	ng	99
29) 2,4-Dichlorophenol	7.82	162	452543	38.39	ng	95
30) 1,2,4-Trichlorobenzene	7.88	180	496724	38.36	ng	95
31) Naphthalene	7.96	128	1597930	39.36	ng	99
32) Benzoic acid	7.77	122	284791	29.56	ng	97
33) 4-Chloroaniline	8.02	127	658004	41.77	ng	95
34) Hexachlorobutadiene	8.09	225	288041	37.64	ng	98
35) Caprolactam	8.41	113	136546	36.14	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	516865	37.85	ng	97
37) 2-Methylnaphthalene	8.65	142	961709	36.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	489743	40.38	ng	98
40) Hexachlorocyclopentadiene	8.81	237	226770	32.88	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	328572	37.83	ng	96

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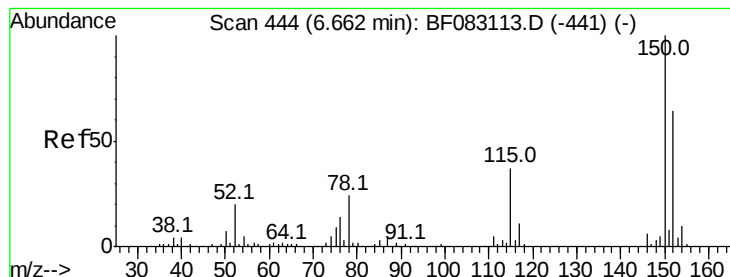
Instrument :
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Quant Time: Nov 23 03:42:06 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	8.98	196	331441	37.32	nq	# 84
45) 1,1'-Biphenyl	9.12	154	1248659	39.21	nq	97
46) 2-Chloronaphthalene	9.14	162	996048	39.82	nq	98
47) 2-Nitroaniline	9.24	65	371986	42.04	nq	93
48) Acenaphthylene	9.55	152	1601572	41.31	nq	99
49) Dimethylphthalate	9.43	163	1052604	36.54	nq	99
50) 2,6-Dinitrotoluene	9.48	165	239670	37.08	nq	92
51) Acenaphthene	9.72	154	968831	41.06	nq	100
52) 3-Nitroaniline	9.66	138	269797	39.15	nq	# 67
53) 2,4-Dinitrophenol	9.76	184	64711	17.38	nq	90
54) Dibenzofuran	9.90	168	1336380	40.06	nq	97
55) 4-Nitrophenol	9.84	139	177701	33.63	nq	96
56) 2,4-Dinitrotoluene	9.88	165	313168	38.24	nq	92
57) Fluorene	10.24	166	1040331	37.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272995	37.47	nq	97
59) Diethylphthalate	10.12	149	1085623	37.86	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	445925	35.31	nq	98
61) 4-Nitroaniline	10.27	138	300048	44.22	nq	95
62) Azobenzene	10.39	77	1288148	39.36	nq	99
64) 4,6-Dinitro-2-methylphenol	10.30	198	123798	26.01	nq	84
65) n-Nitrosodiphenylamine	10.35	169	923534	39.31	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	299680	39.10	nq	97
67) Hexachlorobenzene	10.78	284	310320	36.77	nq	# 91
68) Atrazine	10.89	200	291029	42.66	nq	96
69) Pentachlorophenol	10.98	266	176698	32.14	nq	98
70) Phenanthrene	11.19	178	1519209	38.18	nq	99
71) Anthracene	11.24	178	1559628	38.42	nq	99
72) Carbazole	11.40	167	1454243	40.30	nq	99
73) Di-n-butylphthalate	11.74	149	1710851	38.84	nq	99
74) Fluoranthene	12.37	202	1488078	36.54	nq	96
76) Benzidine	12.50	184	670085	49.26	nq	99
77) Pyrene	12.59	202	1535600	43.31	nq	99
79) Butylbenzylphthalate	13.23	149	743929	44.33	nq	# 85
80) Benzo(a)anthracene	13.78	228	1369237	42.65	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	429891	38.48	nq	# 97
82) Chrysene	13.82	228	1293031	43.43	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1020097	46.54	nq	# 95
84) Di-n-octyl phthalate	14.40	149	1639146	43.44	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1176675	43.46	nq	97
87) Benzo(b)fluoranthene	14.81	252	2251464	68.28	nq	99
88) Benzo(k)fluoranthene	14.81	252	2251464	91.65	nq	99
89) Benzo(a)pyrene	15.10	252	1009932	37.10	nq	# 96
90) Dibenzo(a,h)anthracene	16.43	278	983135	39.76	nq	99
91) Benzo(q,h,i)perylene	16.79	276	945572	39.17	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

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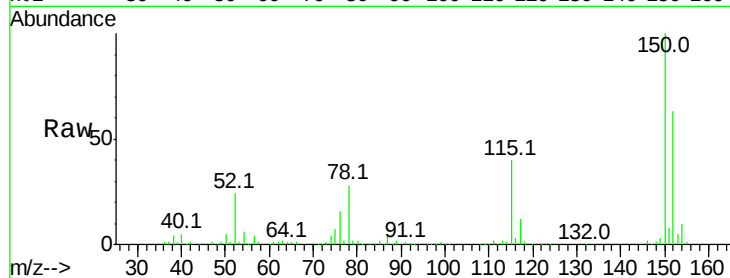
Tot Ion:152 Resp: 192679

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.8

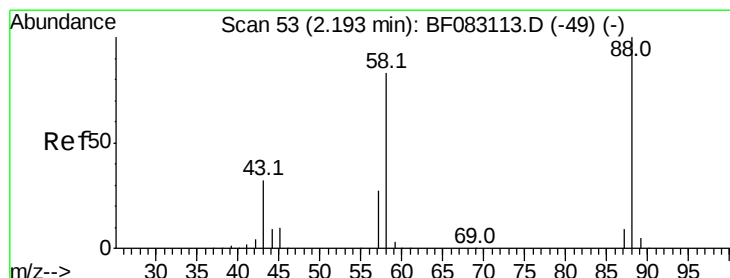
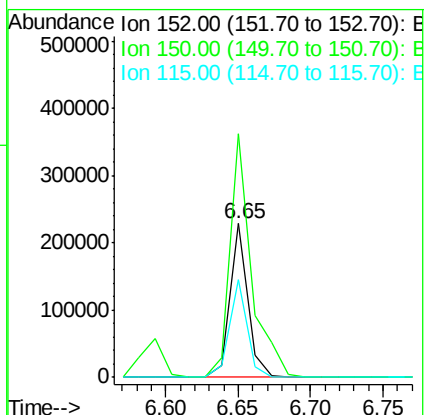
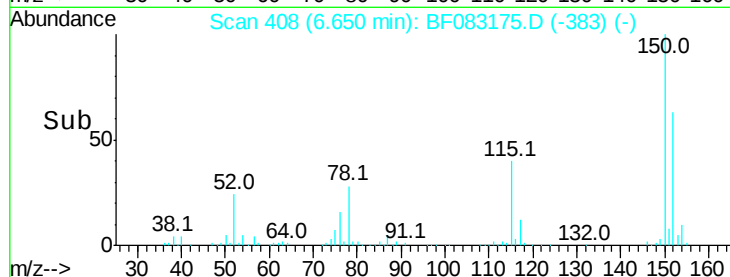
115 63.6 46.9 70.3



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: 38.11 ng

RT: 2.12 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

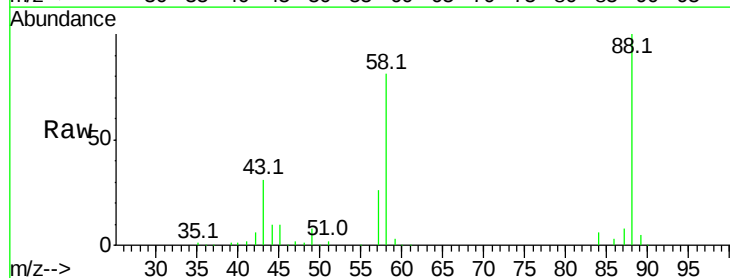
Tgt Ion: 88 Resp: 240621

Ion Ratio Lower Upper

88 100

58 84.8 65.0 97.6

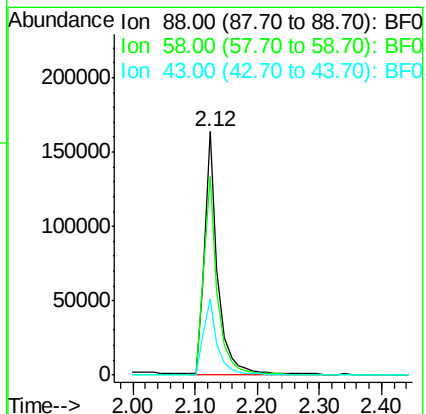
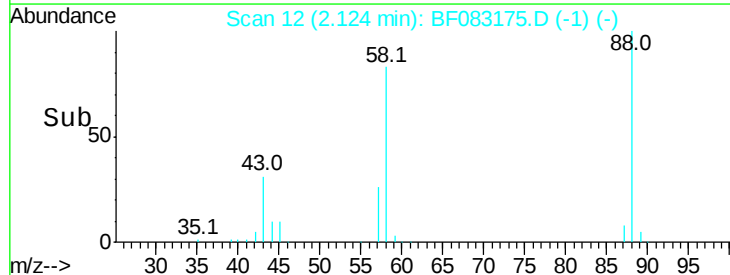
43 33.2 24.7 37.1

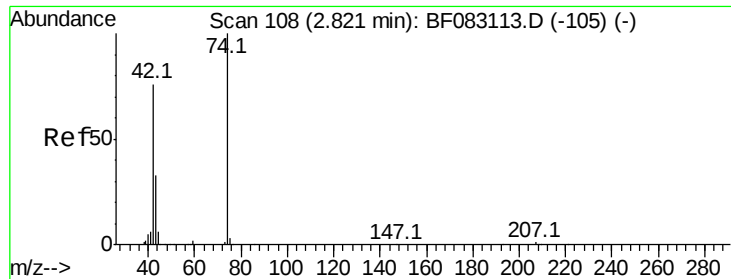


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 44.13 ng

RT: 2.73 min Scan# 65

Delta R.T. -0.09 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

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SSTDCCC040

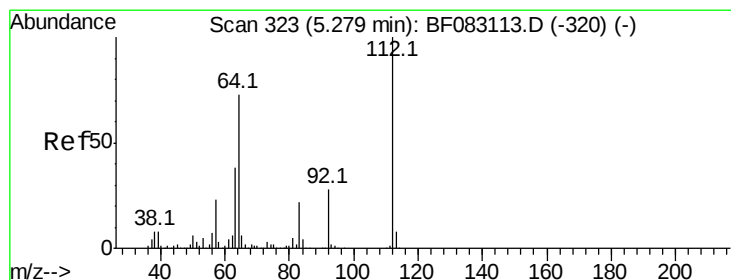
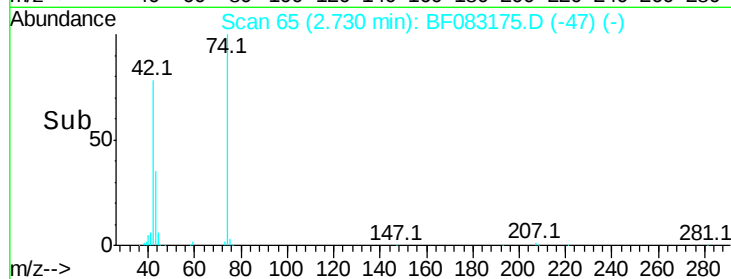
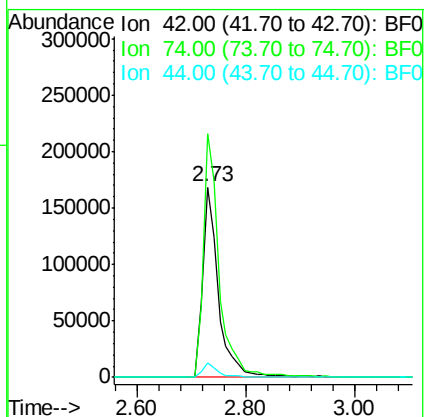
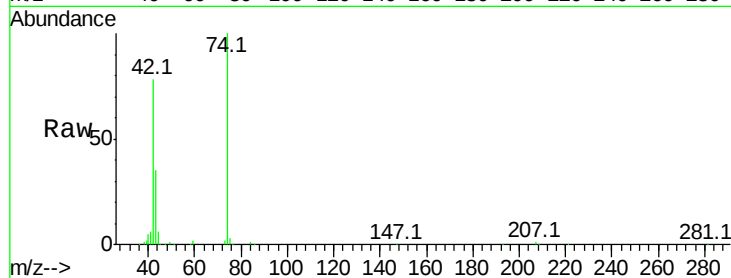
Tot Ion: 42 Resp: 339348

Ion Ratio Lower Upper

42 100

74 128.0 104.8 157.2

44 7.6 6.2 9.4



#5

2-Fluorophenol

Concen: 79.89 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

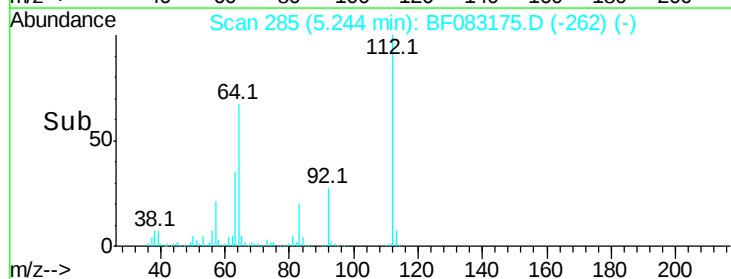
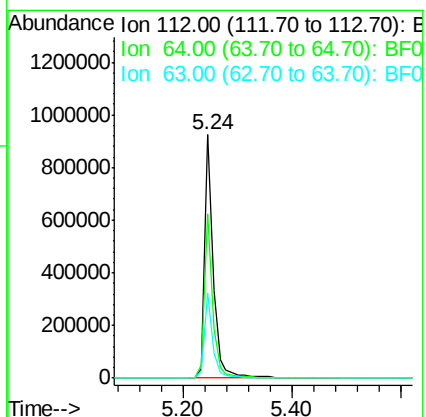
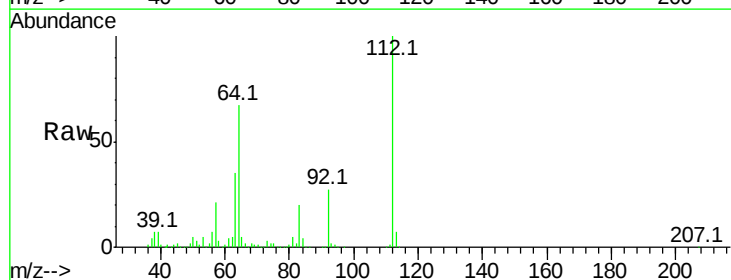
Tgt Ion: 112 Resp: 1018201

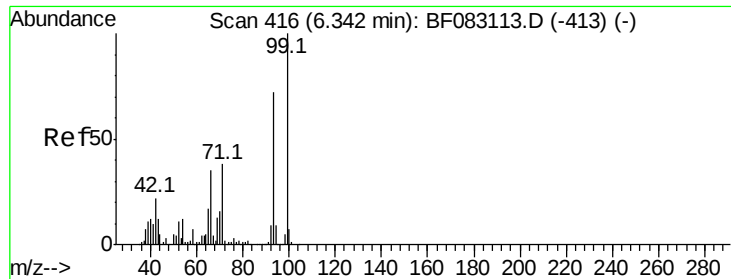
Ion Ratio Lower Upper

112 100

64 67.4 58.4 87.6

63 34.8 30.0 45.0





#6

Aniline

Concen: 45.41 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

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ClientSampleId :

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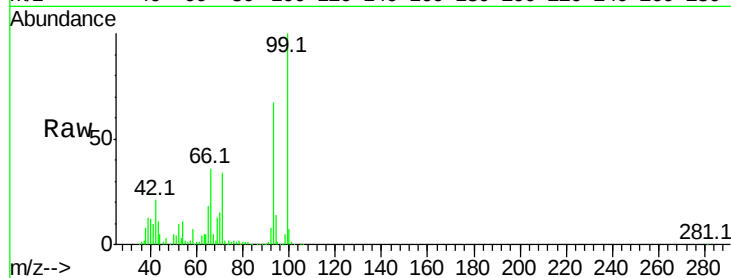
Tot Ion: 93 Resp: 915060

Ion Ratio Lower Upper

93 100

66 53.6 38.7 58.1

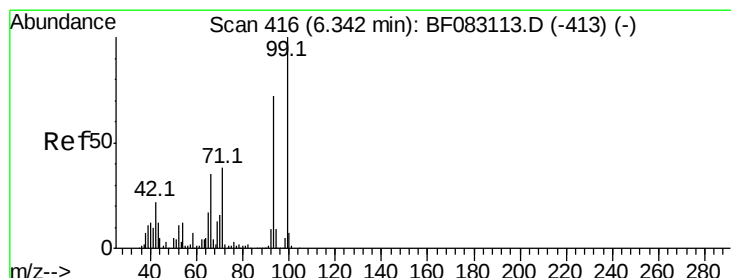
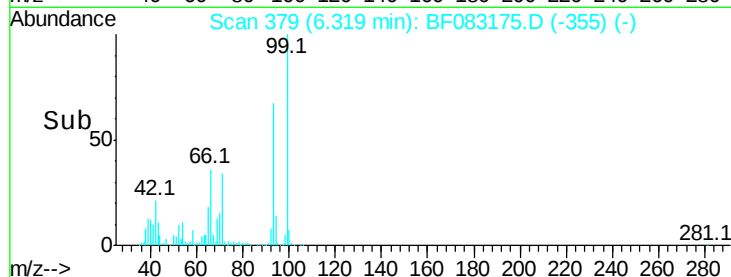
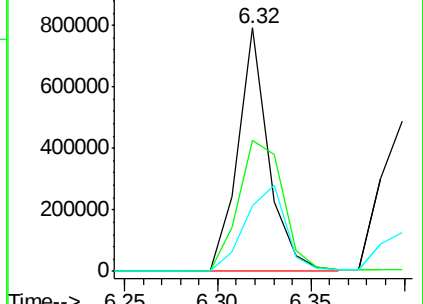
65 26.8 18.6 27.8



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: 79.88 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

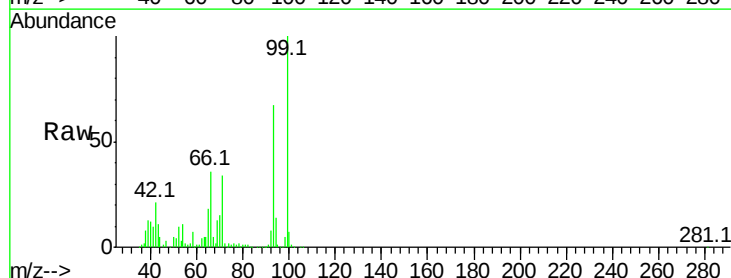
Tgt Ion: 99 Resp: 1317175

Ion Ratio Lower Upper

99 100

42 21.3 17.7 26.5

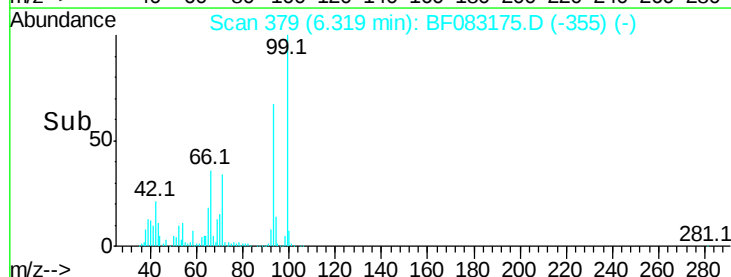
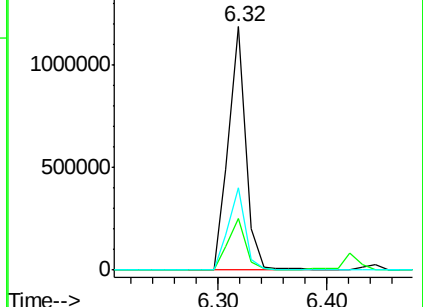
71 33.8 30.2 45.4

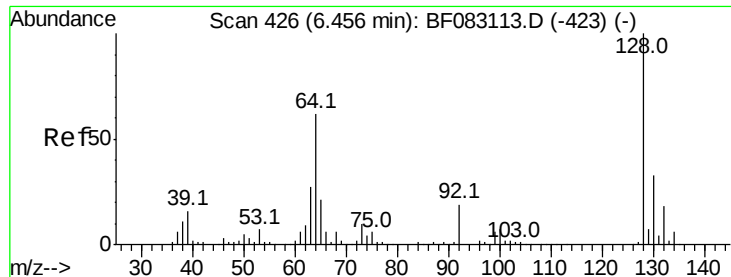


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 40.09 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

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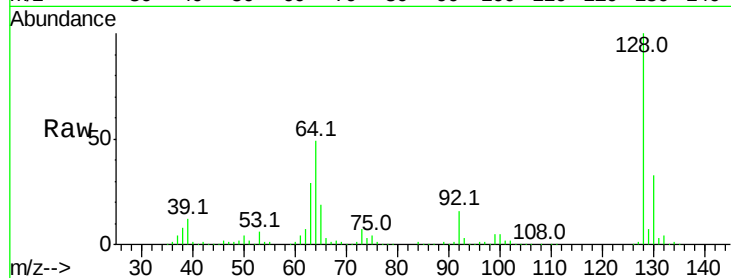
Tot Ion:128 Resp: 552056

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

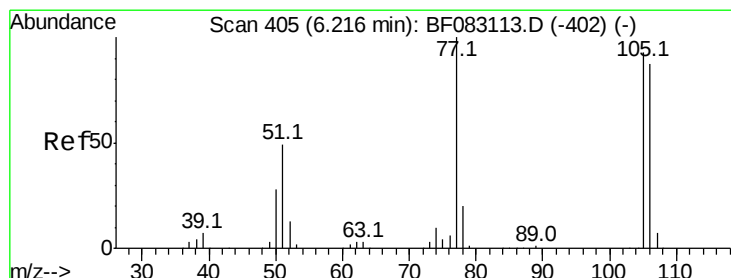
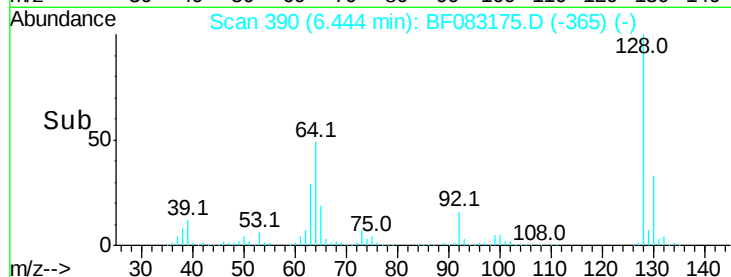
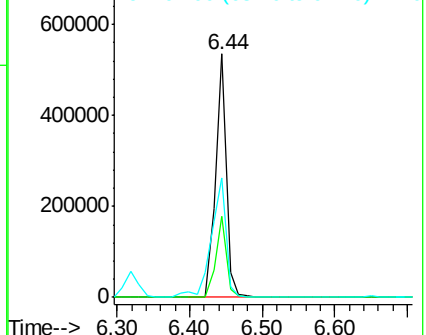
64 49.0 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): E



#9

Benzaldehyde

Concen: 43.80 ng

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

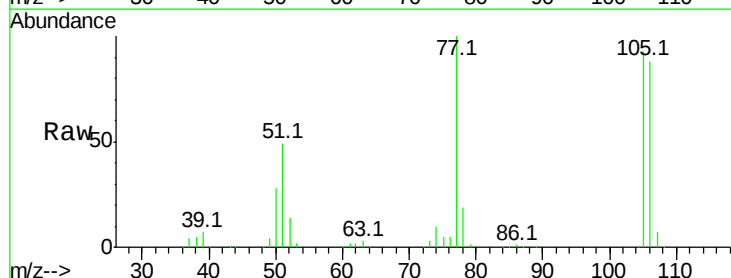
Tgt Ion: 77 Resp: 352162

Ion Ratio Lower Upper

77 100

105 93.4 73.4 113.4

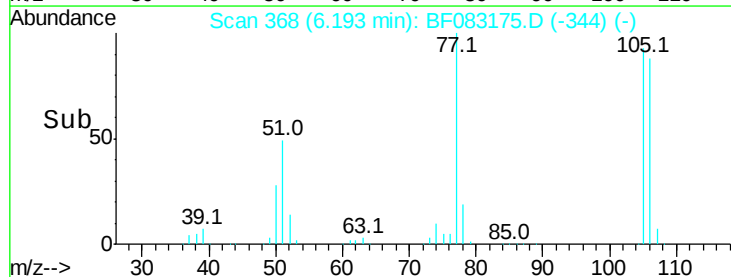
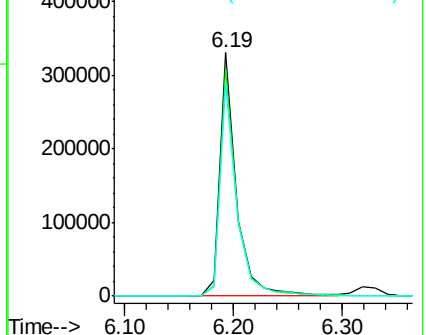
106 87.7 67.5 107.5

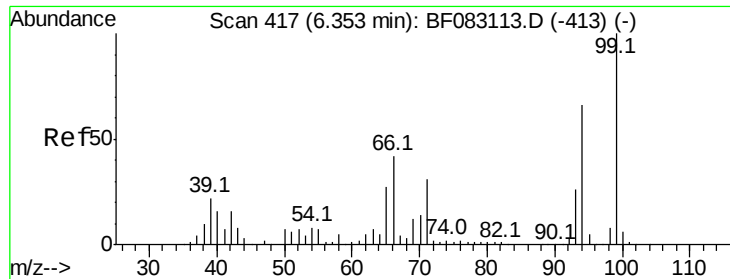


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.98 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083175.D

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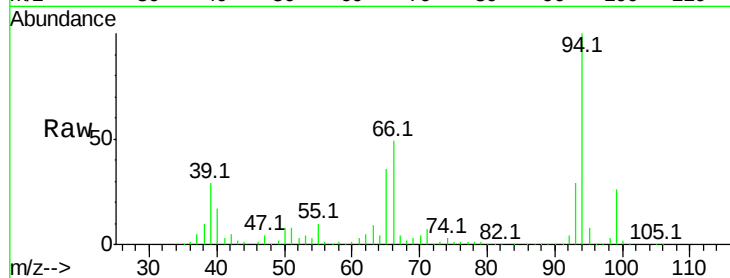
Tot Ion: 94 Resp: 817508

Ion Ratio Lower Upper

94 100

65 35.7 21.1 61.1

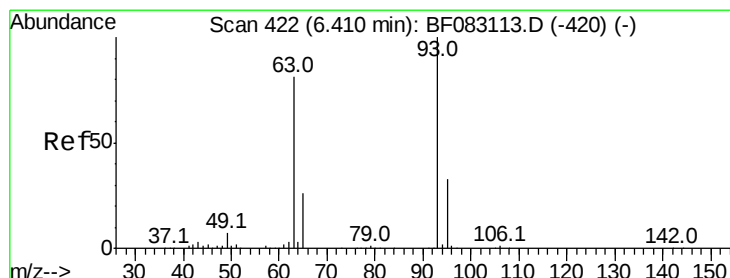
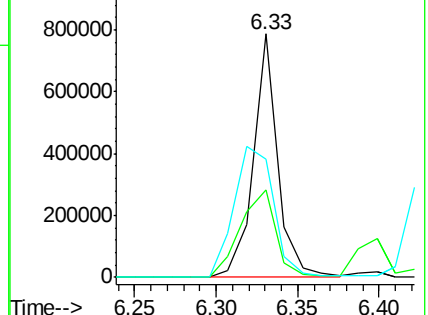
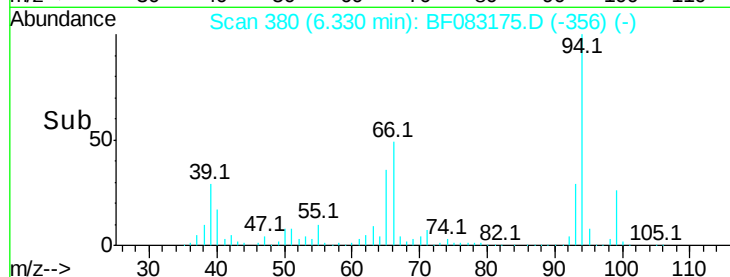
66 48.5 43.1 83.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 42.23 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

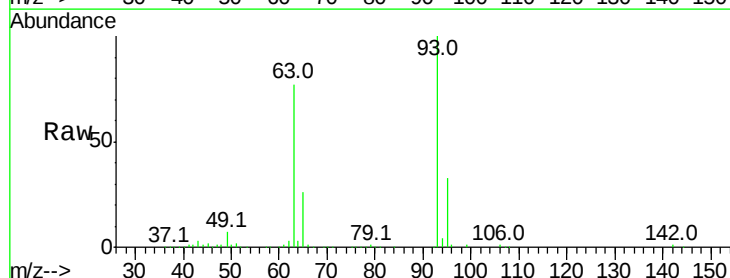
Tgt Ion: 93 Resp: 601544

Ion Ratio Lower Upper

93 100

63 77.4 59.8 99.8

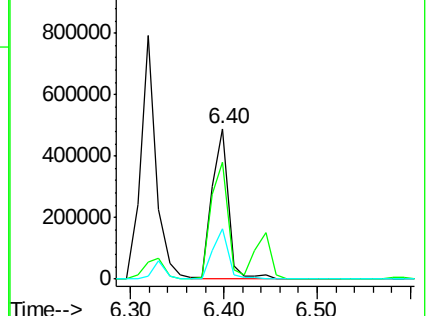
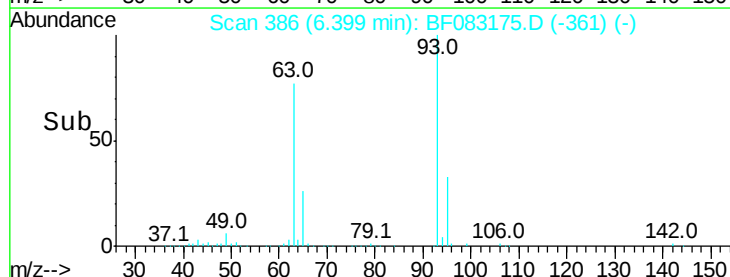
95 33.2 13.0 53.0

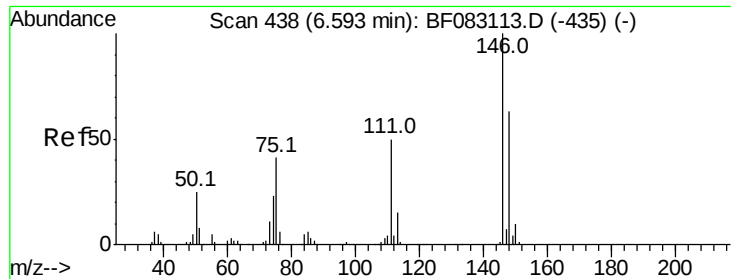


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

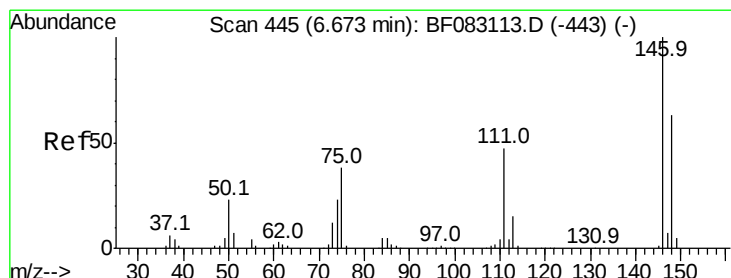
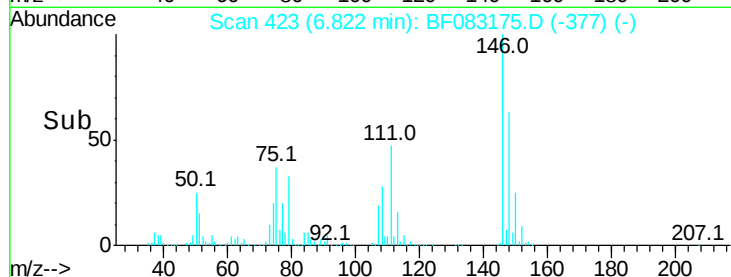
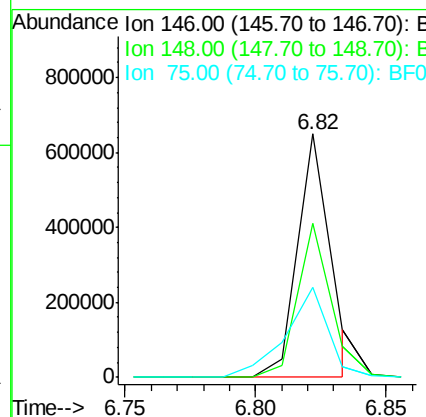
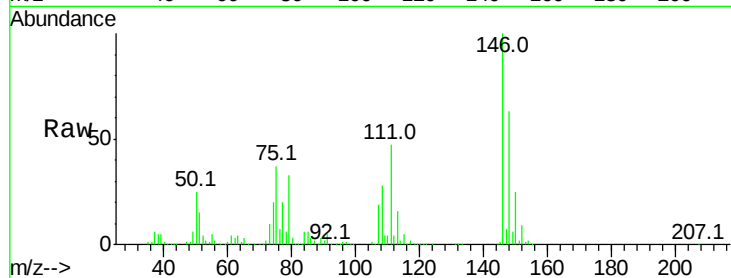




#12
 1,3-Dichlorobenzene
 Concen: 35.98 ng
 RT: 6.82 min Scan# 423
 Delta R.T. 0.23 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

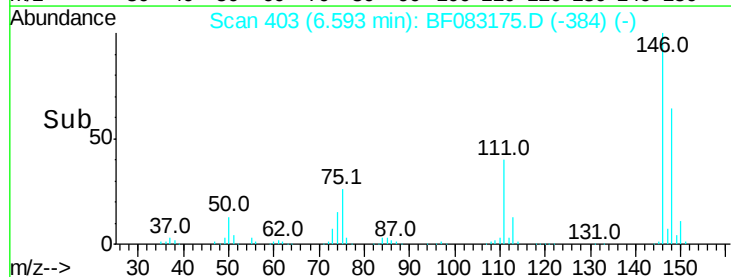
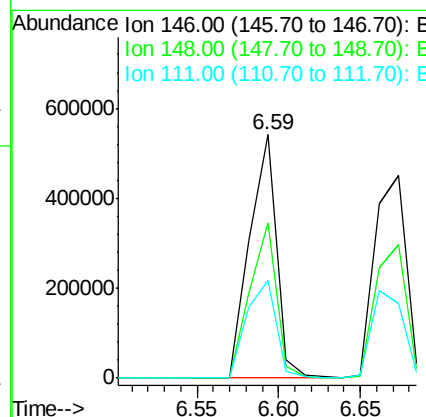
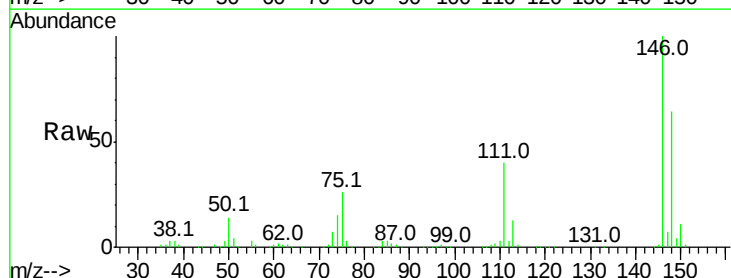
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

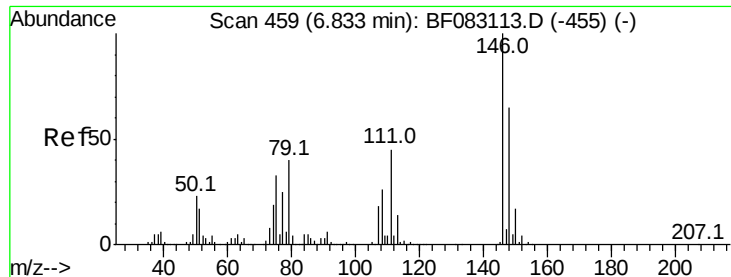
Tot Ion:146 Resp: 565658
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.2
 75 37.2 32.7 49.1



#13
 1,4-Dichlorobenzene
 Concen: 38.90 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.08 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion:146 Resp: 618669
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.2
 111 40.2 37.5 56.3





#14

1,2-Dichlorobenzene

Concen: 39.88 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

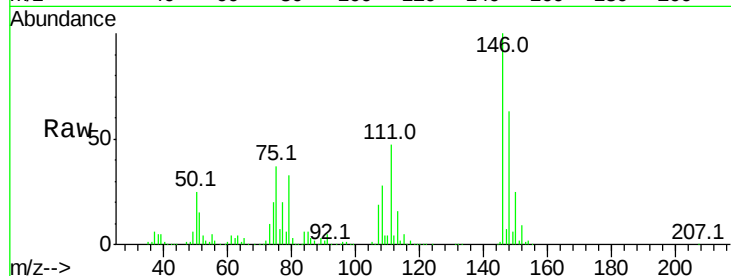
Tot Ion:146 Resp: 576430

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

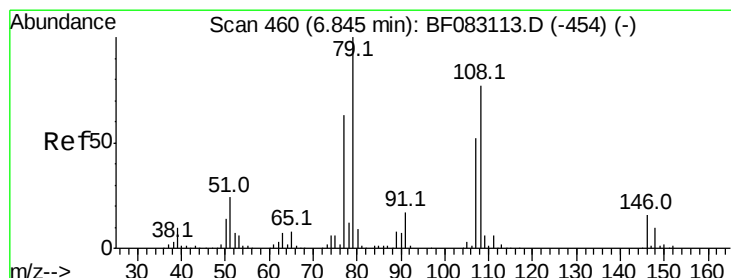
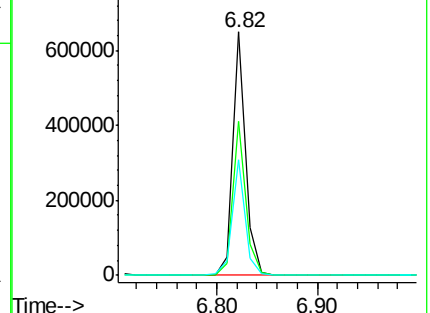
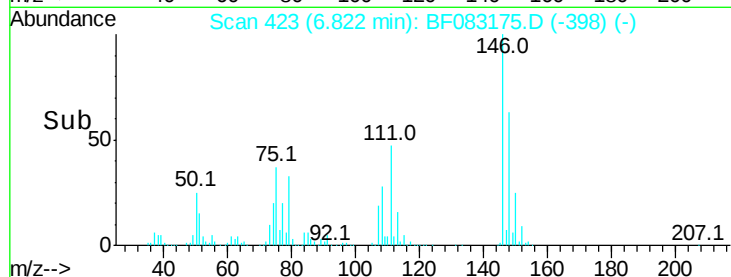
111 47.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 36.16 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

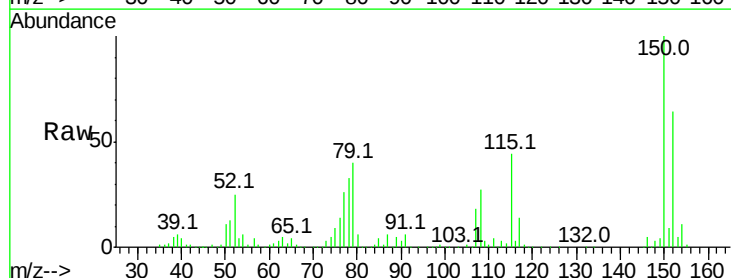
Tgt Ion: 79 Resp: 498283

Ion Ratio Lower Upper

79 100

108 67.0 61.4 92.2

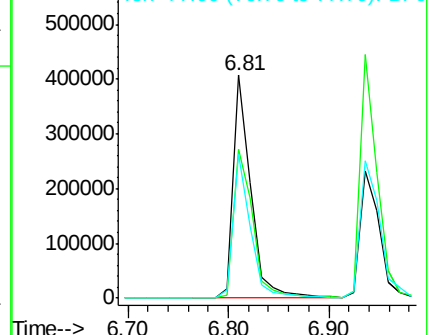
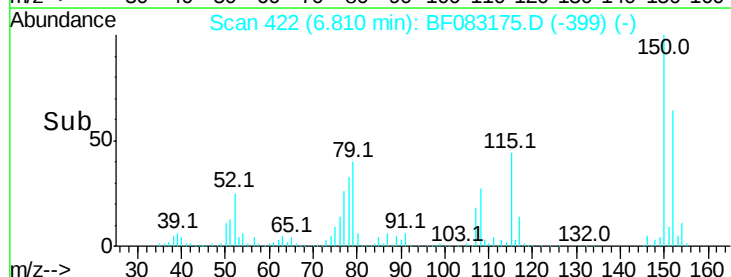
77 64.2 50.5 75.7

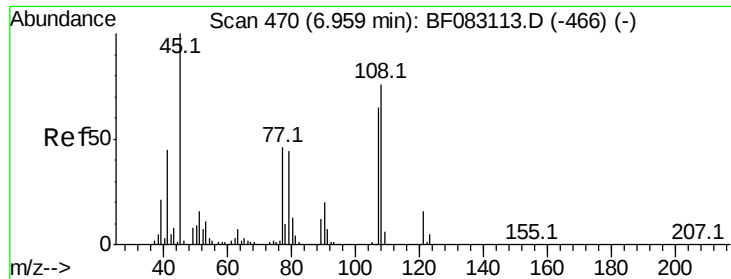


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

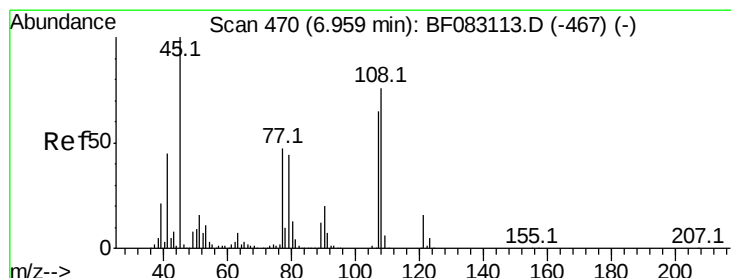
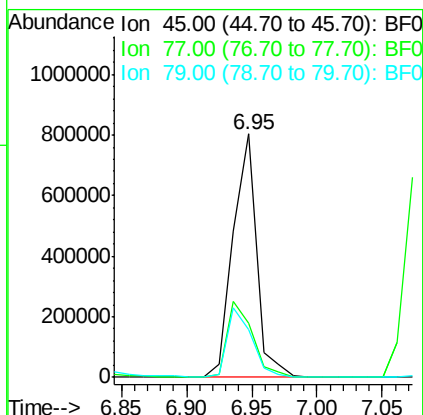
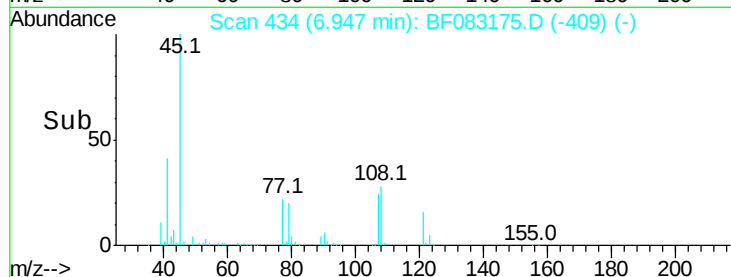
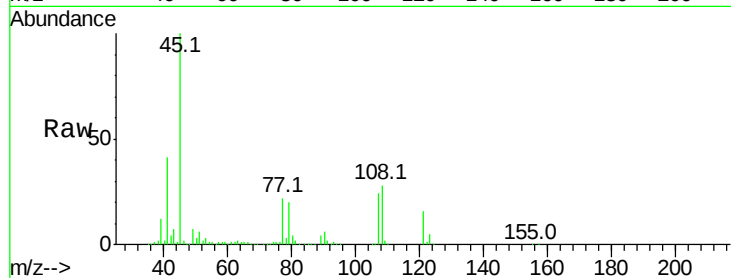




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 45.07 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

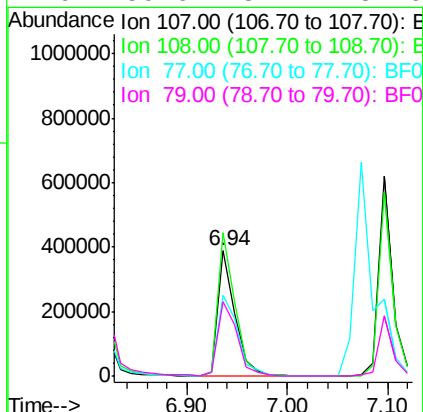
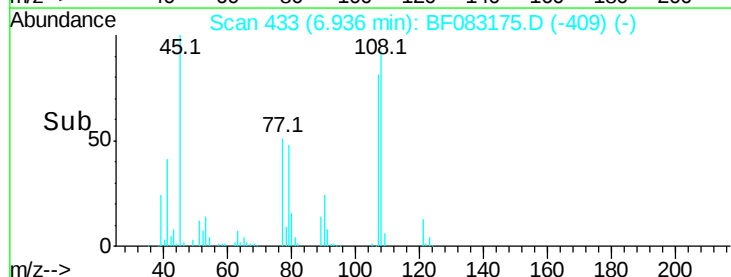
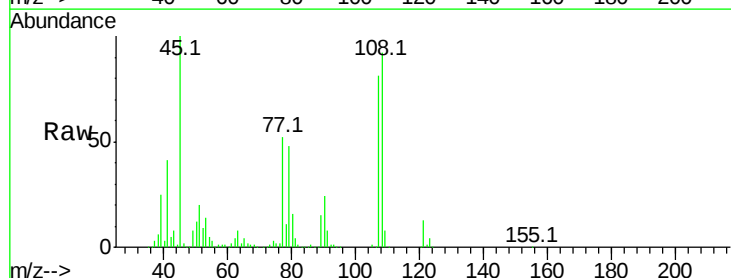
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

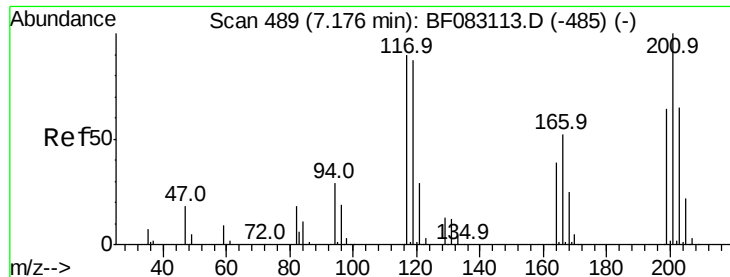
Tot Ion: 45 Resp: 1001036
Ion Ratio Lower Upper
45 100
77 22.2 26.7 66.7#
79 19.8 24.3 64.3#



#17
2-Methylphenol
Concen: 39.88 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:107 Resp: 454413
Ion Ratio Lower Upper
107 100
108 114.3 93.8 140.6
77 64.3 57.4 86.0
79 59.6 54.4 81.6

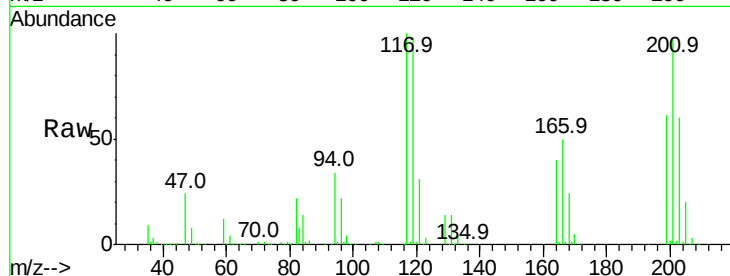




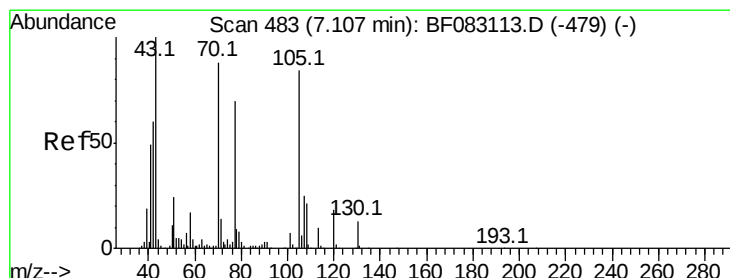
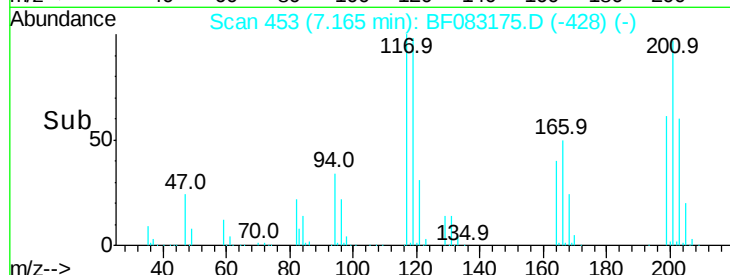
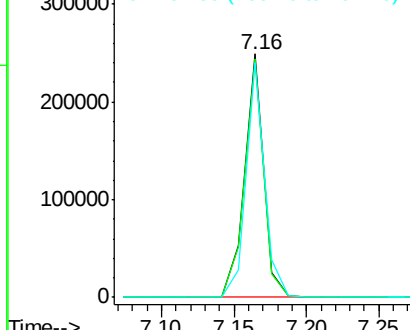
#18
Hexachloroethane
Concen: 40.29 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:117 Resp: 225688
Ion Ratio Lower Upper
117 100
119 97.9 76.8 115.2
201 96.6 88.6 133.0

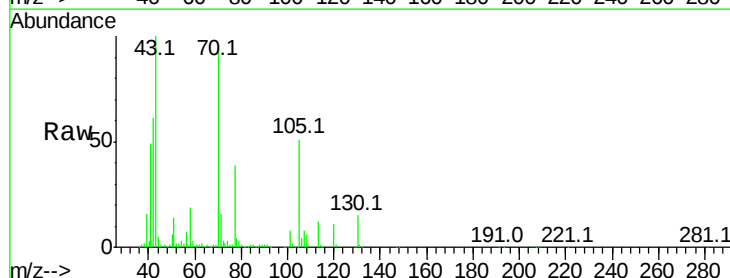


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

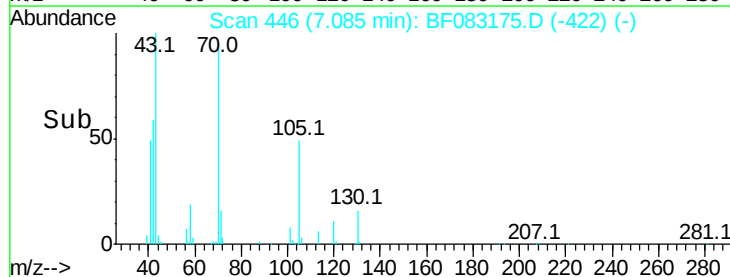
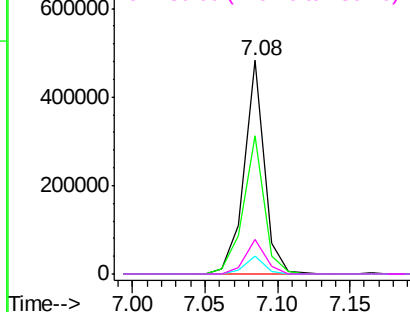


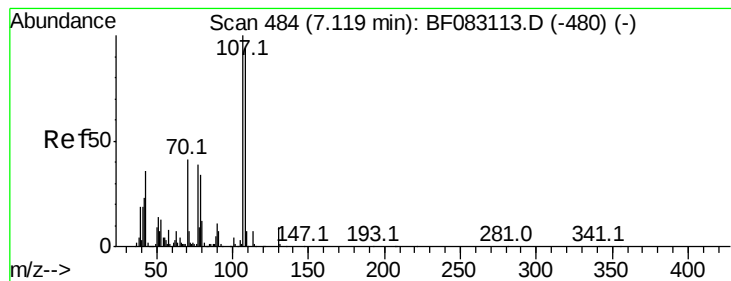
#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion: 70 Resp: 468392
Ion Ratio Lower Upper
70 100
42 64.8 54.5 81.7
101 8.5 6.6 9.8
130 16.5 11.5 17.3



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





#20

3+4-Methylphenols

Concen: 41.92 ng

RT: 7.10 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 603724

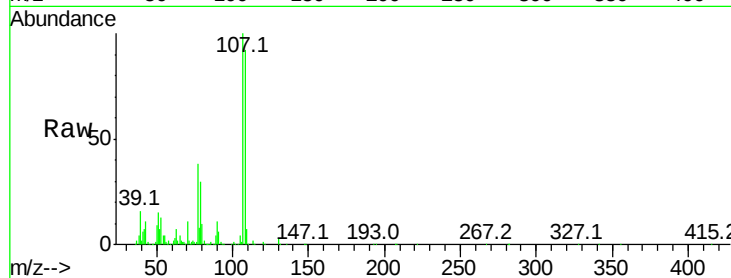
Ion Ratio Lower Upper

107 100

108 92.0 73.8 113.8

77 38.1 19.1 59.1

79 30.3 13.7 53.7

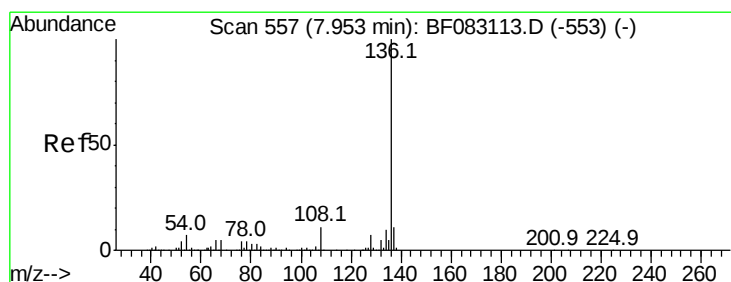
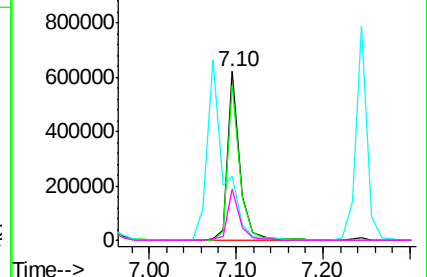
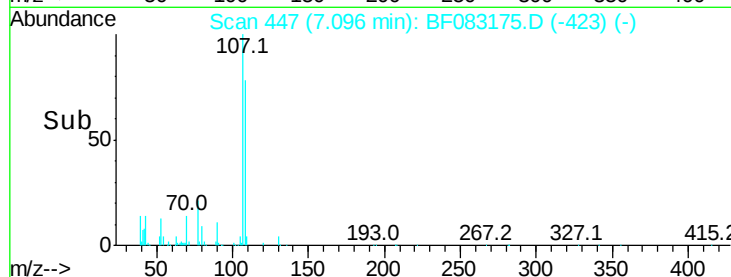


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Tgt Ion:136 Resp: 752292

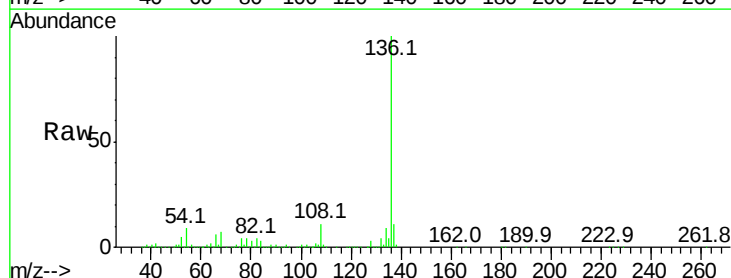
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.4 5.8 8.6#

68 6.7 3.8 5.8#

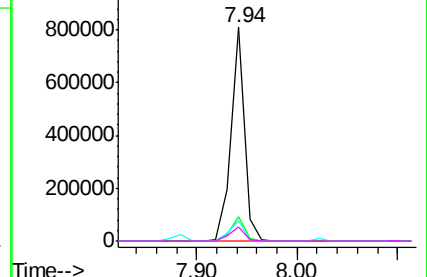
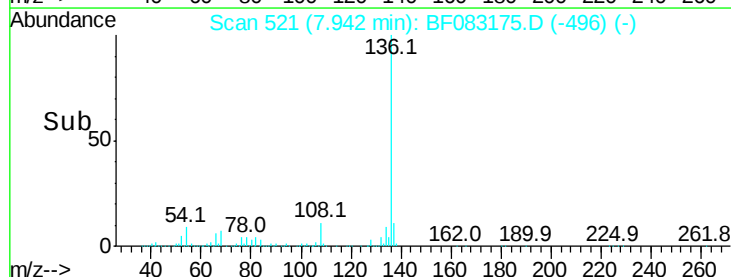


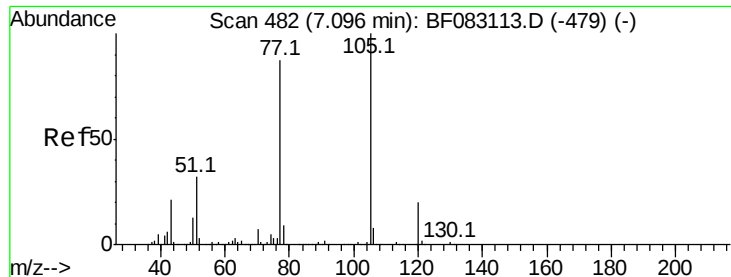
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.32 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:105 Resp: 827603

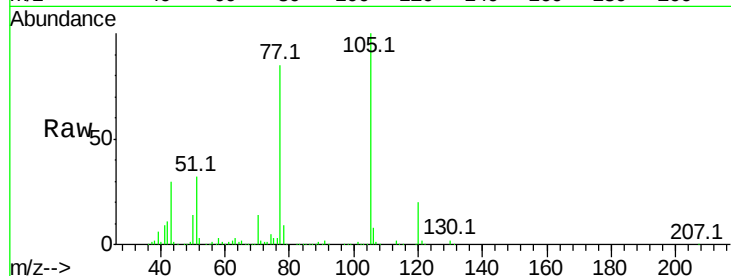
Ion Ratio Lower Upper

105 100

71 2.4 1.0 1.4#

51 32.3 25.6 38.4

120 20.3 15.8 23.6

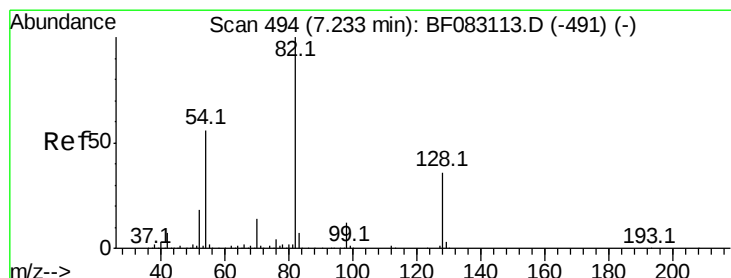
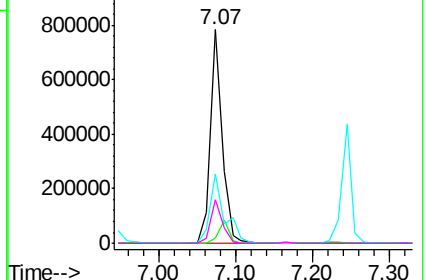
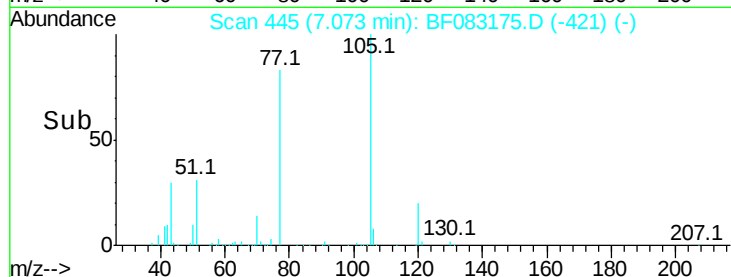


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.22 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

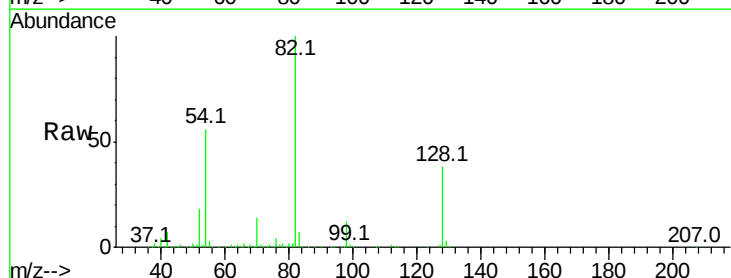
Tgt Ion: 82 Resp: 1238435

Ion Ratio Lower Upper

82 100

128 38.2 28.5 42.7

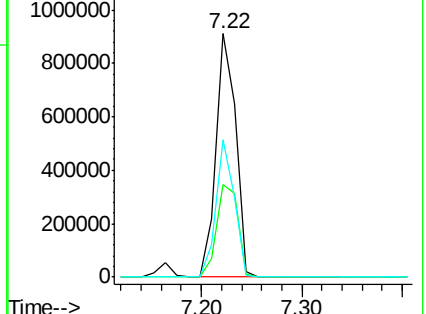
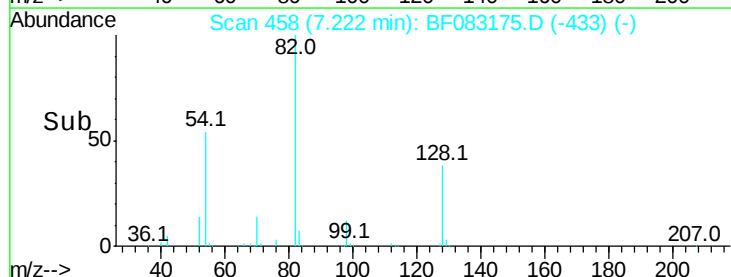
54 56.2 44.6 67.0

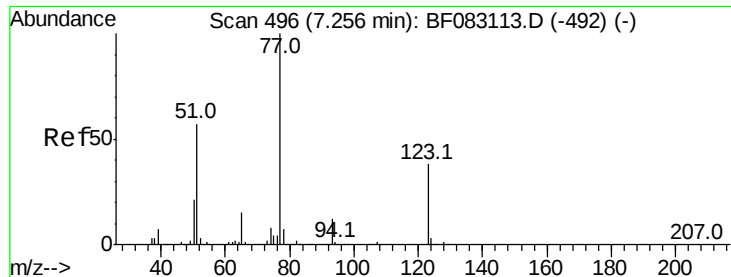


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

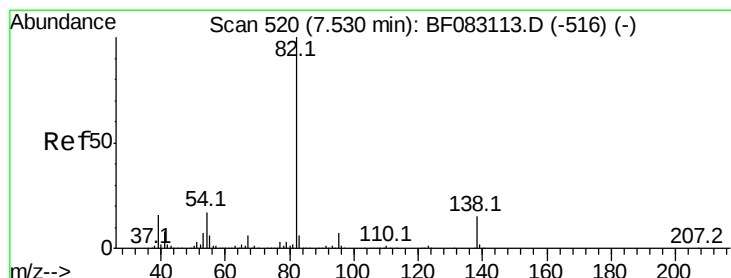
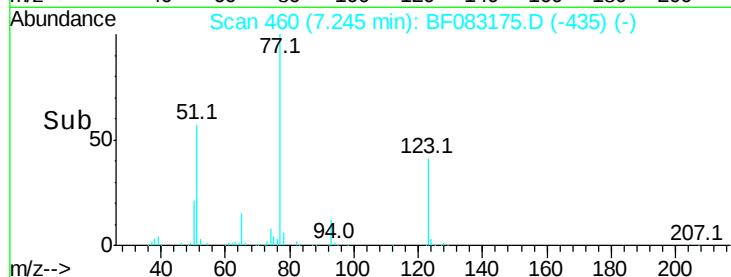
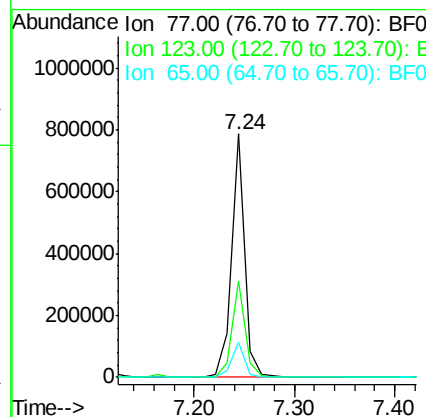
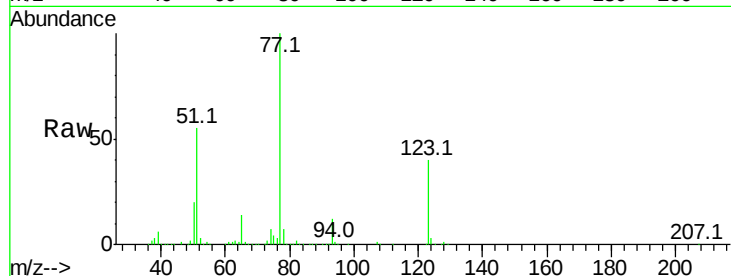




#24
 Nitrobenzene
 Concen: 40.44 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

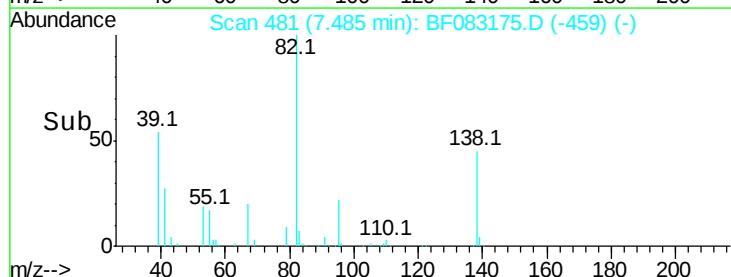
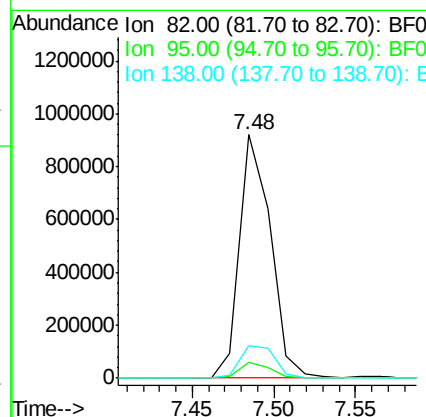
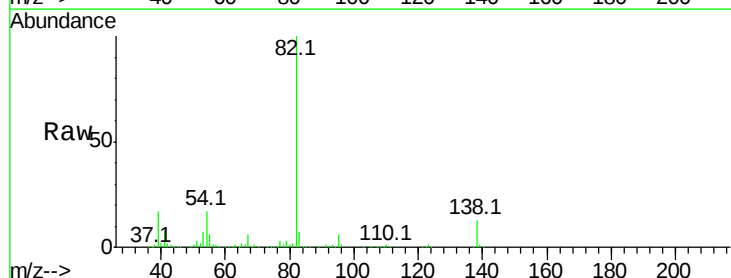
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

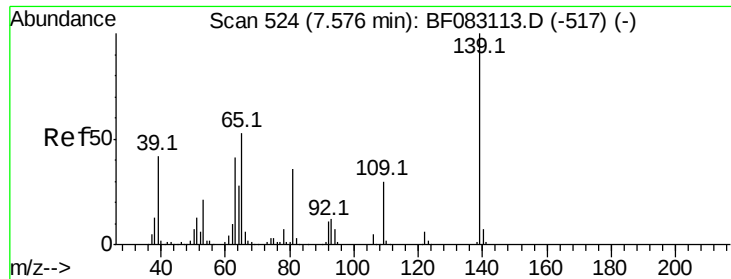
Tot Ion: 77 Resp: 711348
 Ion Ratio Lower Upper
 77 100
 123 39.8 30.1 45.1
 65 14.2 11.6 17.4



#25
 Isophorone
 Concen: 38.69 ng
 RT: 7.48 min Scan# 481
 Delta R.T. -0.05 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion: 82 Resp: 1205908
 Ion Ratio Lower Upper
 82 100
 95 6.4 5.8 8.8
 138 13.4 11.6 17.4

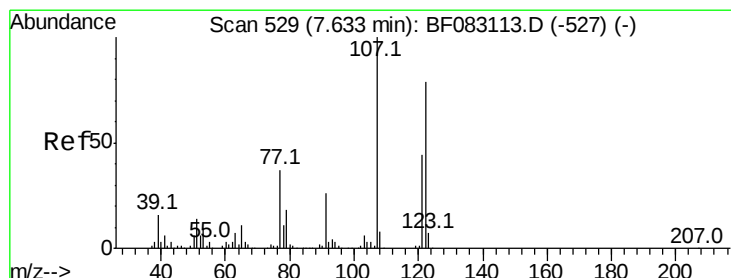
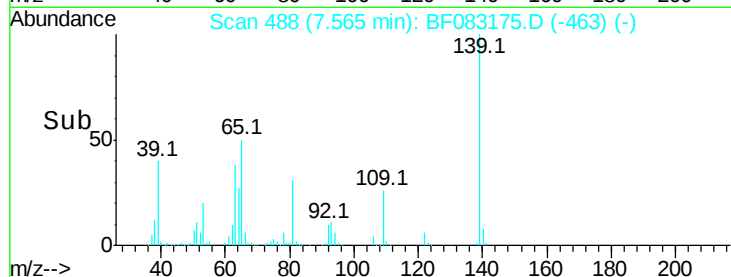
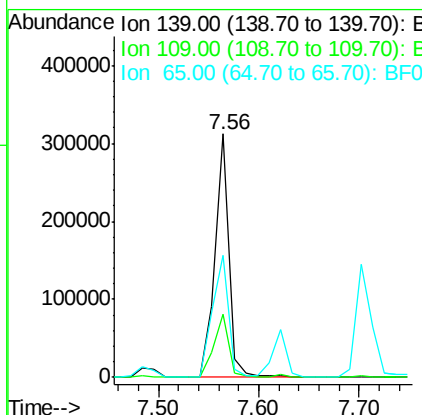
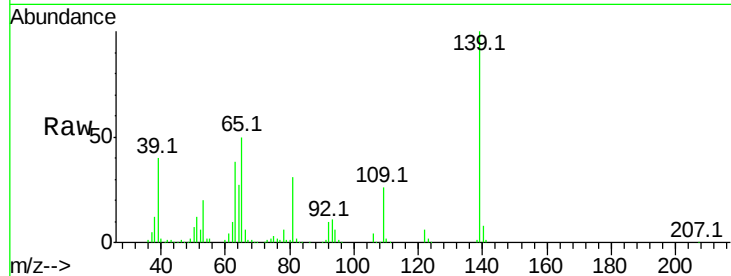




#26
2-Nitrophenol
Concen: 38.70 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

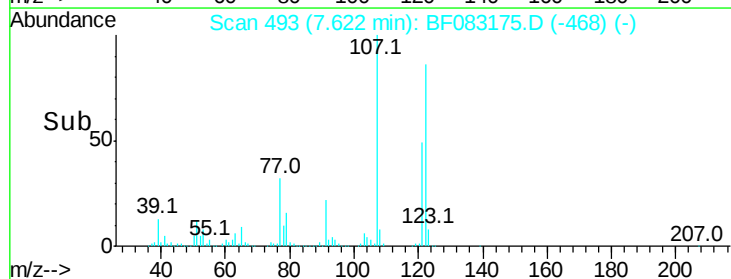
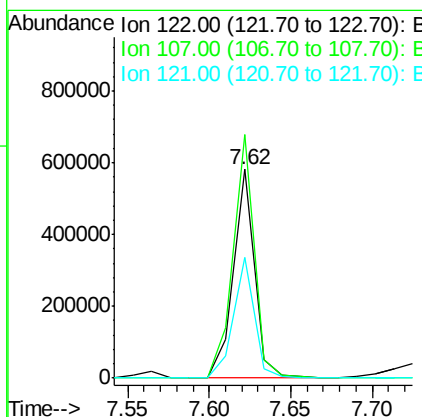
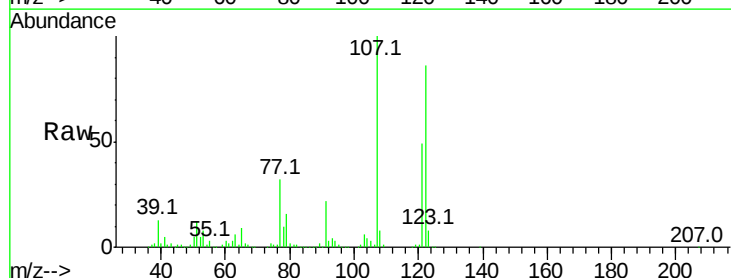
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

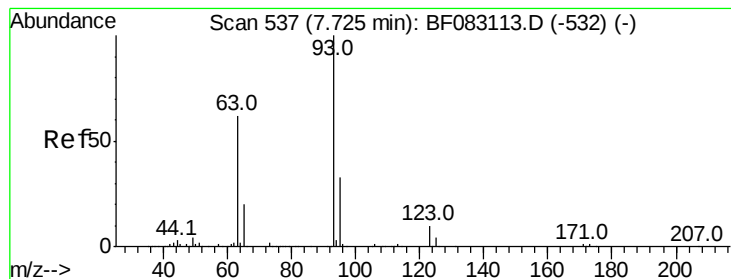
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.1	23.9	35.9
65	50.3	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 41.83 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	101.1	151.7
121	57.6	44.9	67.3





#28

bis(2-Chloroethoxy)methane

Concen: 37.23 ng

RT: 7.70 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

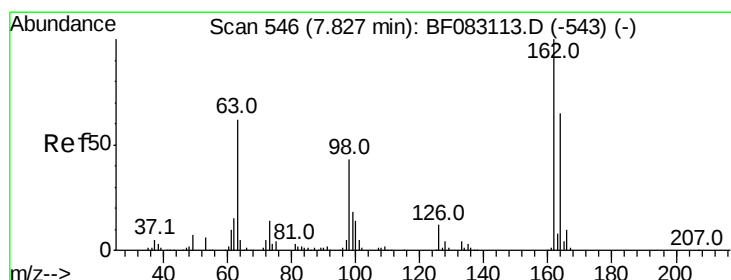
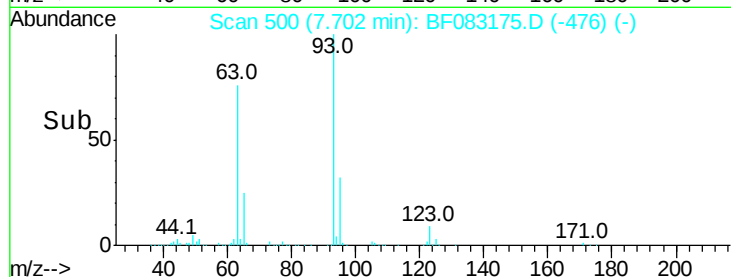
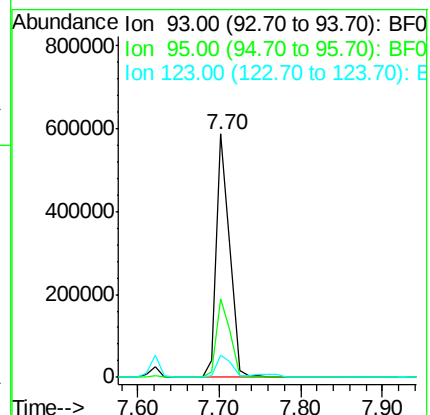
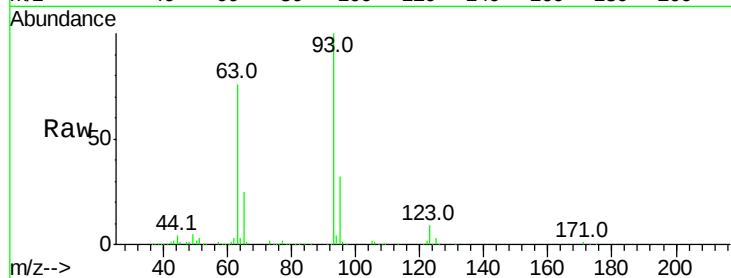
Tot Ion: 93 Resp: 674803

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 9.2 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 38.39 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

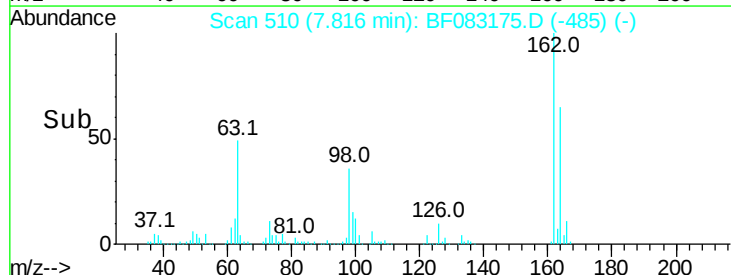
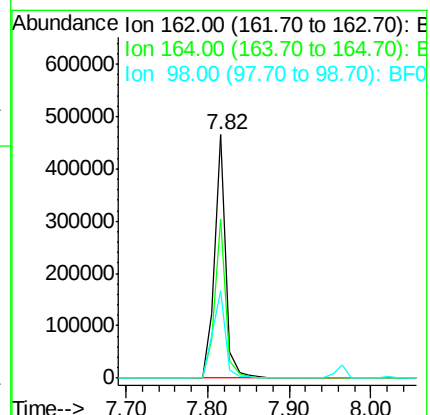
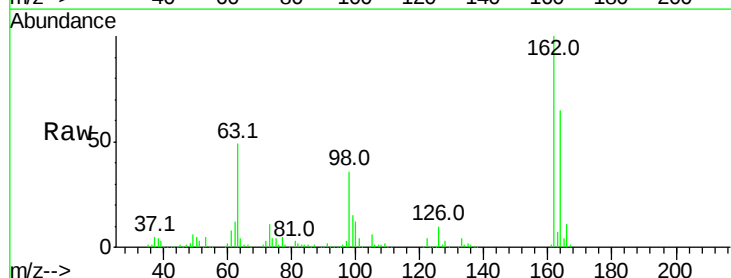
Tgt Ion: 162 Resp: 452543

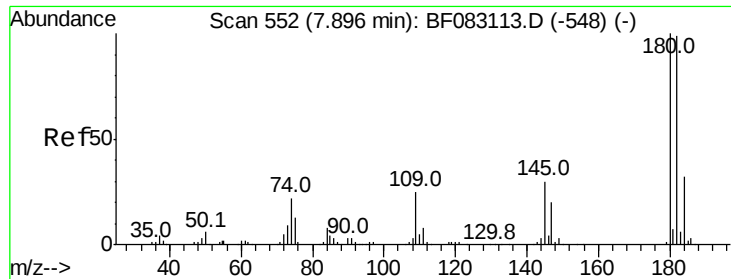
Ion Ratio Lower Upper

162 100

164 65.3 44.8 84.8

98 35.7 23.1 63.1

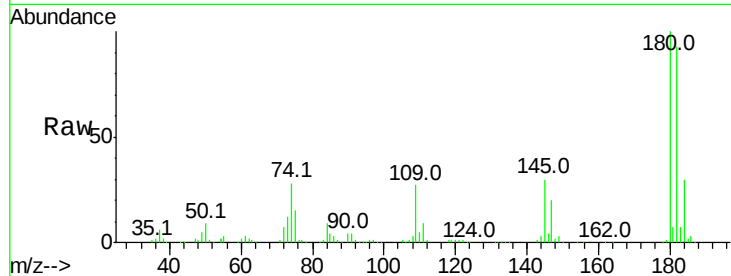




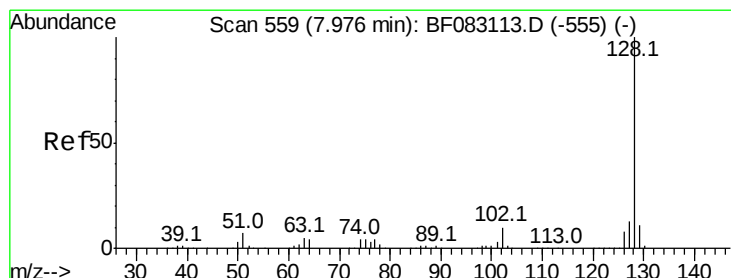
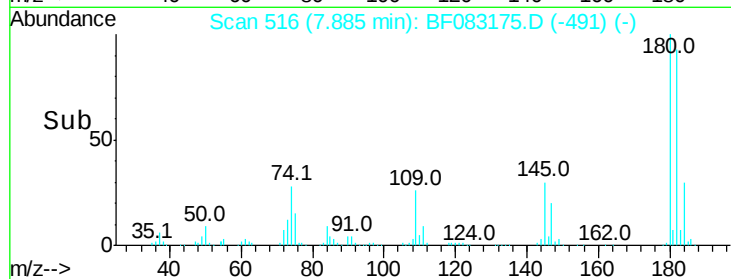
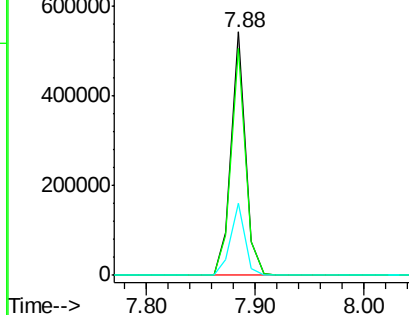
#30
 1,2,4-Trichlorobenzene
 Concen: 38.36 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:180 Resp: 496724
 Ion Ratio Lower Upper
 180 100
 182 93.1 79.0 118.6
 145 29.5 24.2 36.2

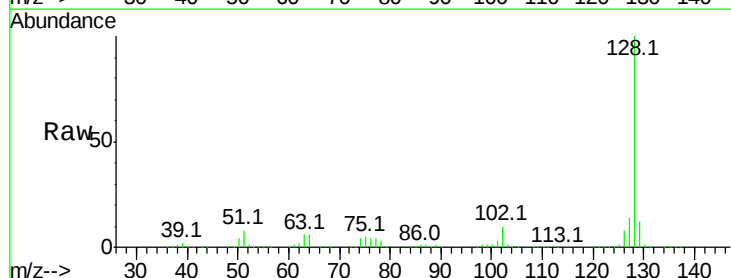


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

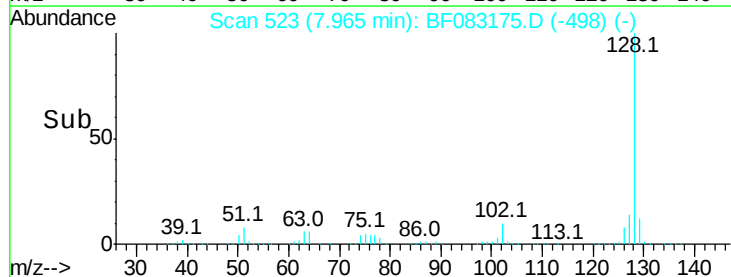
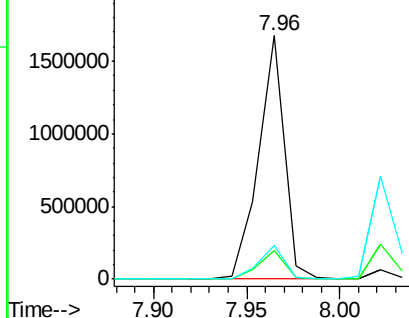


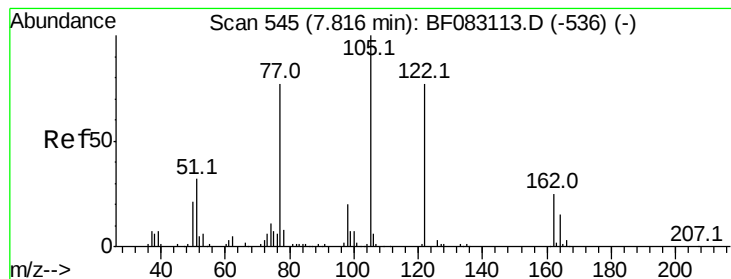
#31
 Naphthalene
 Concen: 39.36 ng
 RT: 7.96 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion:128 Resp: 1597930
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.4
 127 13.7 10.6 15.8



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: 29.56 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

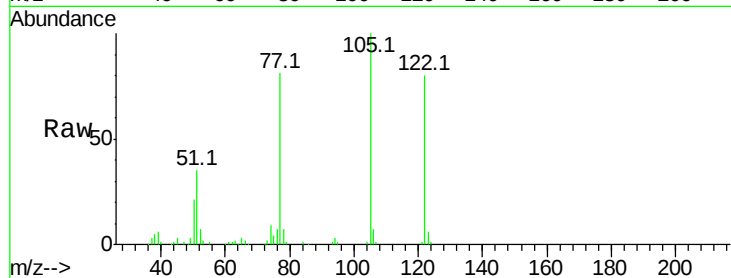
Tot Ion:122 Resp: 284791

Ion Ratio Lower Upper

122 100

105 125.1 109.7 149.7

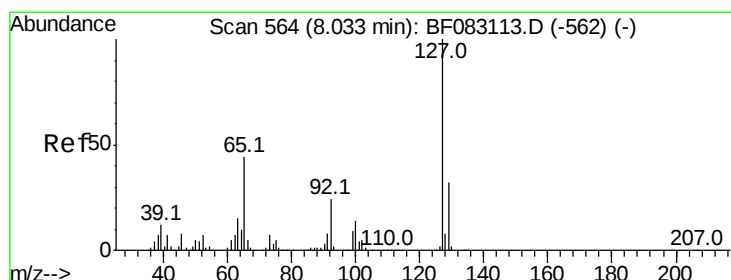
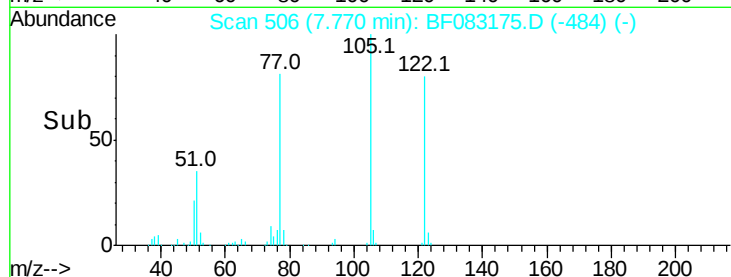
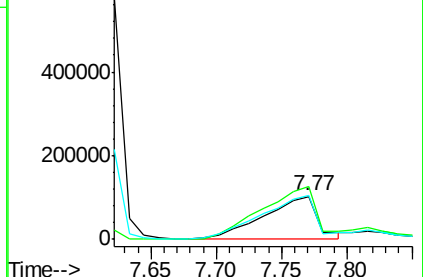
77 102.0 79.7 119.7



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: 41.77 ng

RT: 8.02 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Tgt Ion:127 Resp: 658004

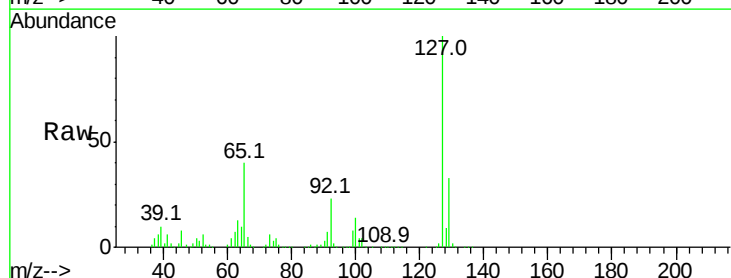
Ion Ratio Lower Upper

127 100

129 33.3 25.7 38.5

65 39.6 35.5 53.3

92 23.0 19.4 29.2

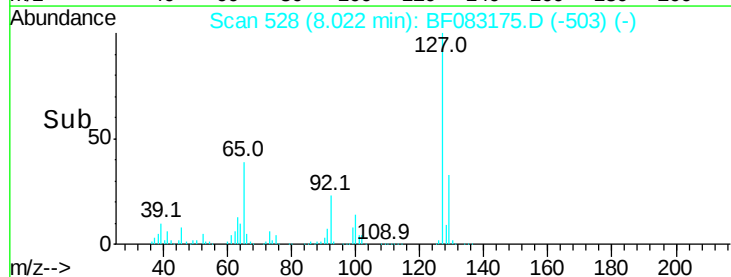
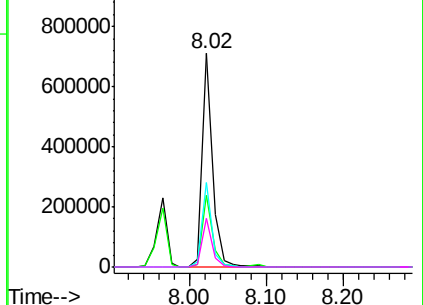


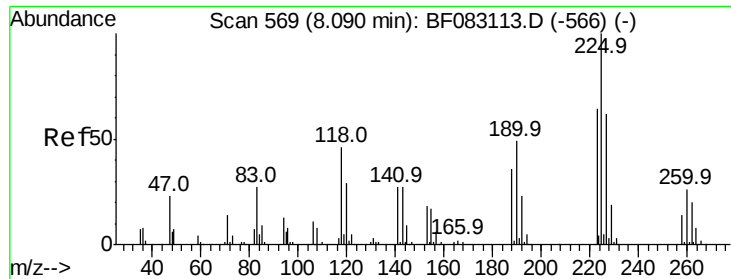
Abundance Ion 127.00 (126.70 to 127.70): E

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

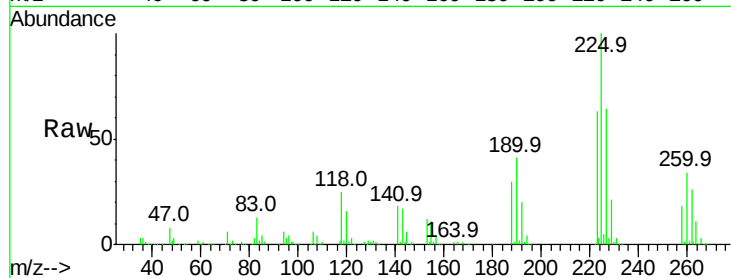




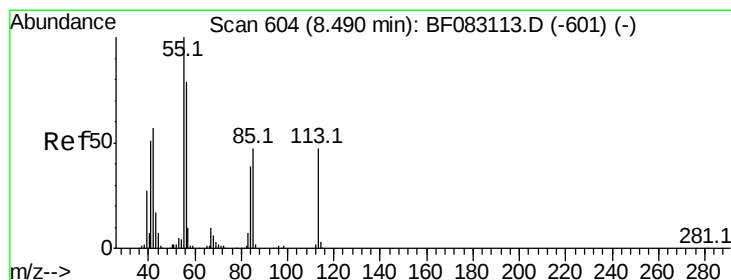
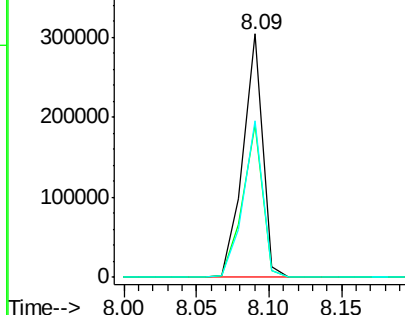
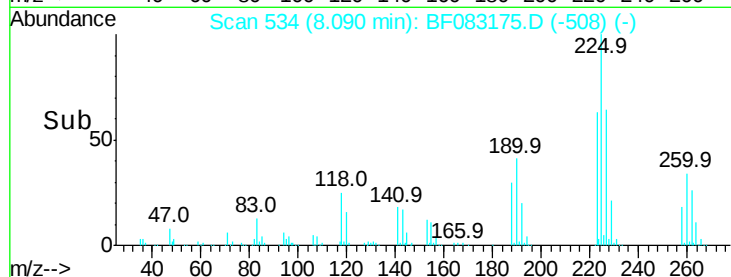
#34
Hexachlorobutadiene
Concen: 37.64 ng
RT: 8.09 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:225 Resp: 288041
Ion Ratio Lower Upper
225 100
223 62.9 51.3 76.9
227 64.2 49.8 74.8

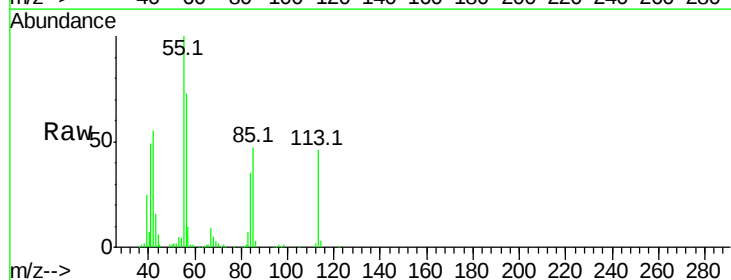


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

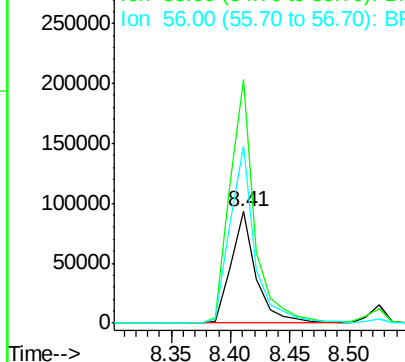
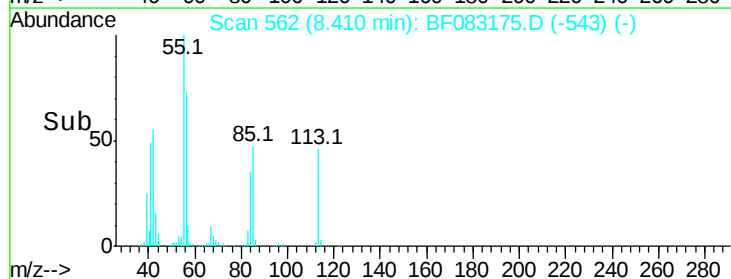


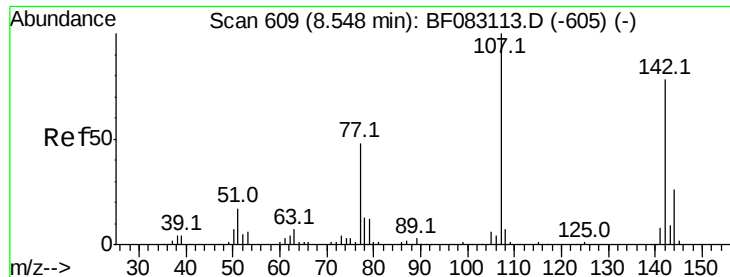
#35
Caprolactam
Concen: 36.14 ng
RT: 8.41 min Scan# 562
Delta R.T. -0.08 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:113 Resp: 136546
Ion Ratio Lower Upper
113 100
55 218.1 192.6 232.6
56 158.9 148.6 188.6



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

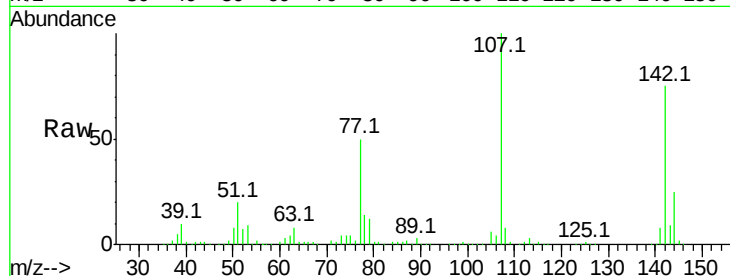




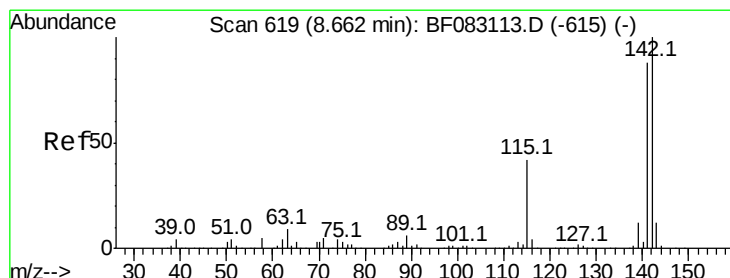
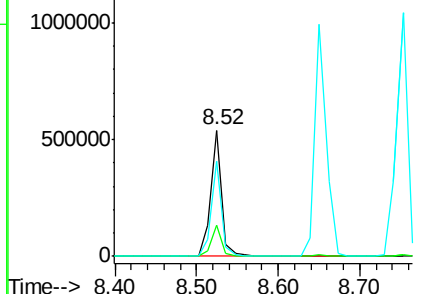
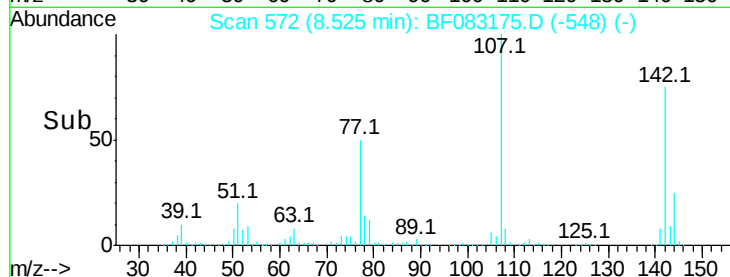
#36
 4-Chloro-3-methylphenol
 Concen: 37.85 ng
 RT: 8.52 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:107 Resp: 516865
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.8 31.2
 142 75.2 62.1 93.1

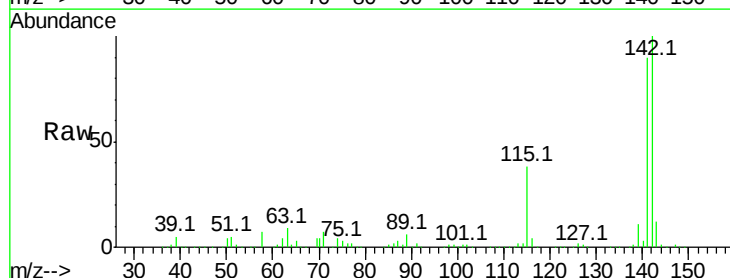


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

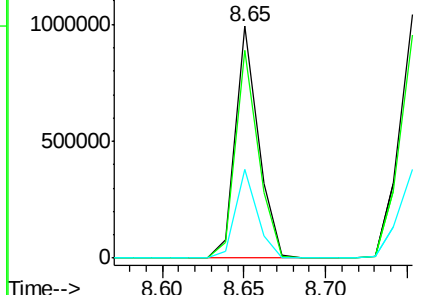
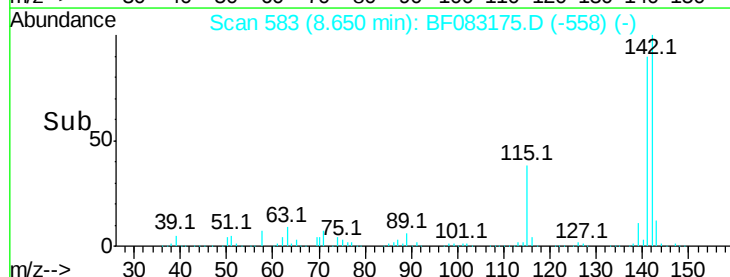


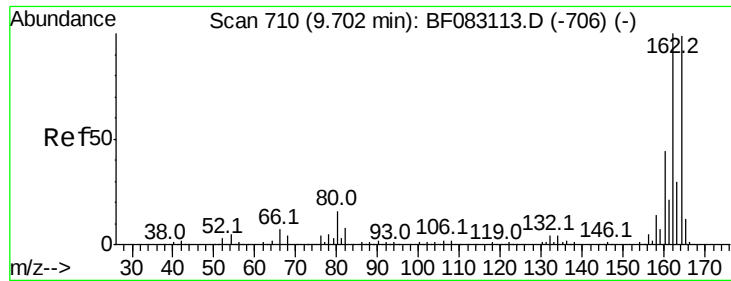
#37
 2-Methylnaphthalene
 Concen: 36.50 ng
 RT: 8.65 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion:142 Resp: 961709
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.3 105.5
 115 38.5 33.4 50.2



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

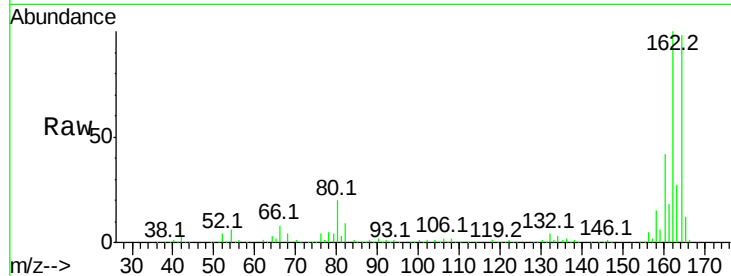




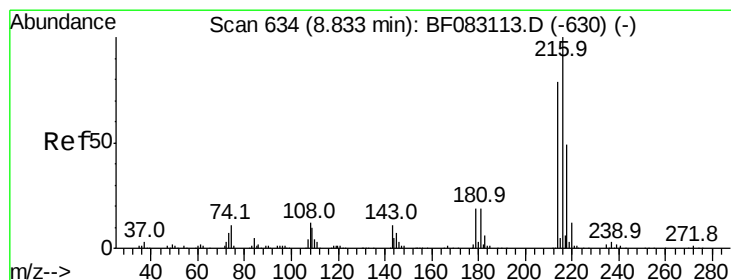
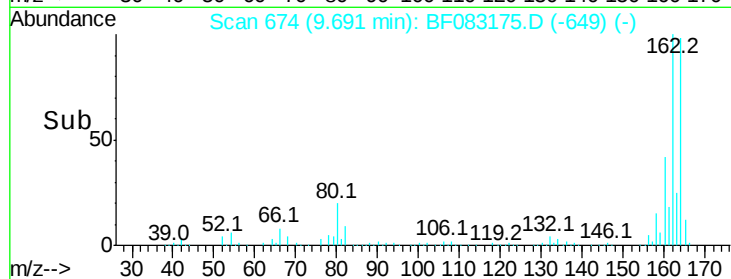
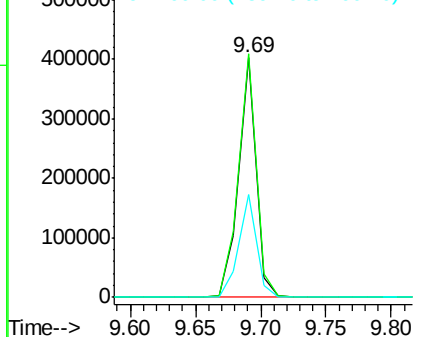
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 374184
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 43.1 35.6 53.4

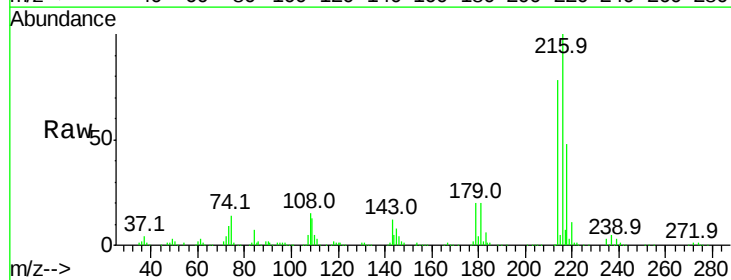


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

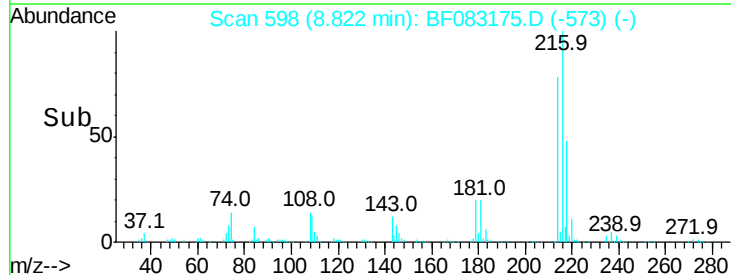
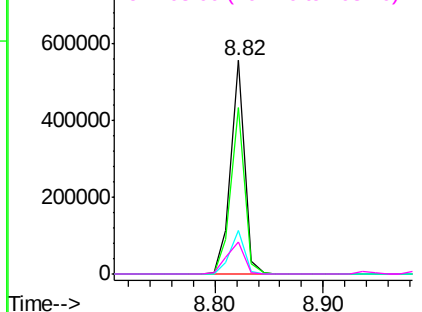


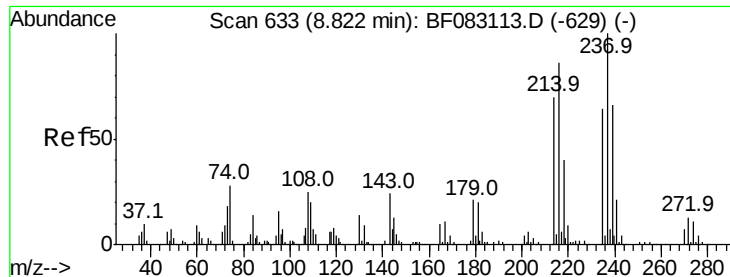
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.38 ng
RT: 8.82 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:216 Resp: 489743
Ion Ratio Lower Upper
216 100
214 77.6 63.8 95.8
179 21.2 17.0 25.6
108 18.8 15.2 22.8



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

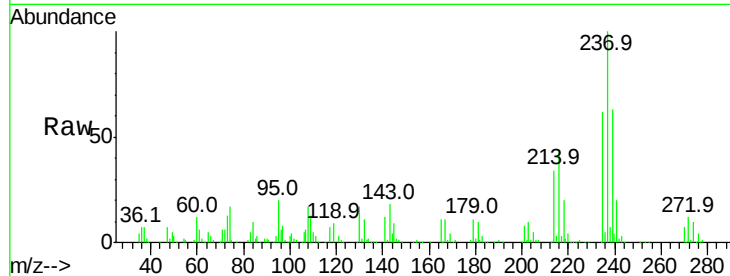




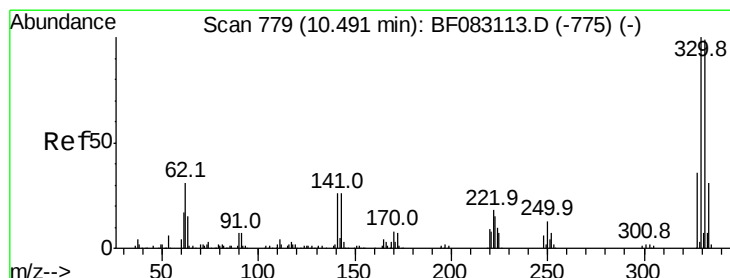
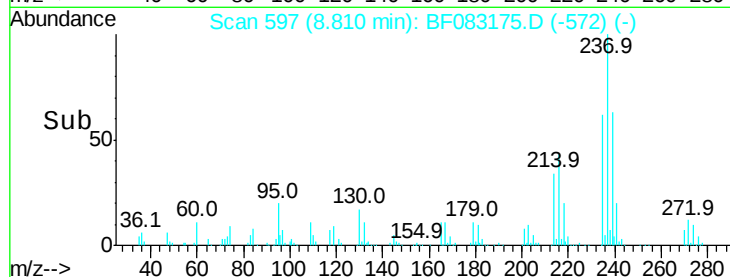
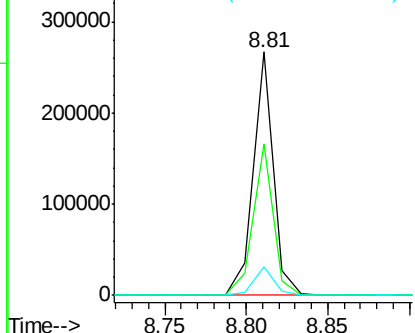
#40
Hexachlorocyclopentadiene
Concen: 32.88 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 226770
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 11.9 0.0 33.1

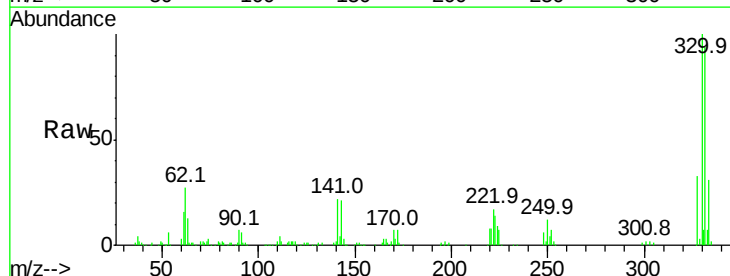


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

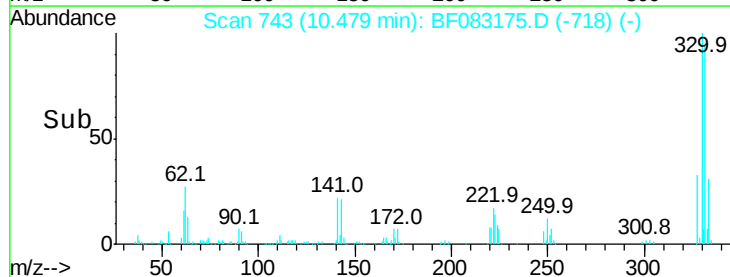
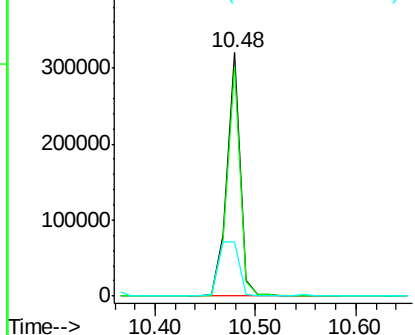


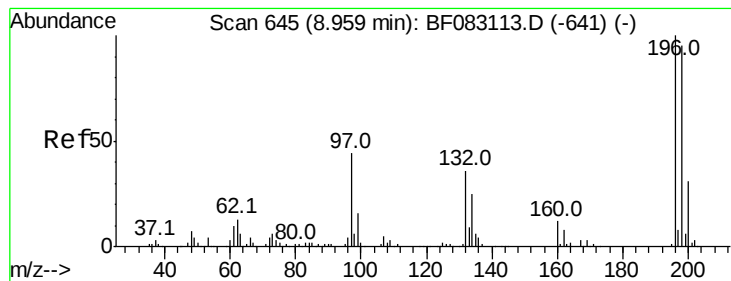
#41
2,4,6-Tribromophenol
Concen: 77.05 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:330 Resp: 294949
Ion Ratio Lower Upper
330 100
332 93.9 77.7 116.5
141 34.6 29.7 44.5



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: 37.83 ng

RT: 8.94 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

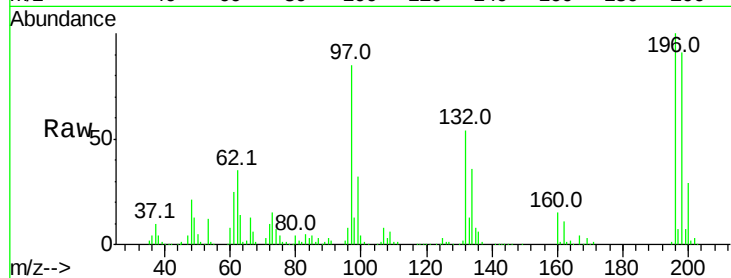
Tot Ion:196 Resp: 328572

Ion Ratio Lower Upper

196 100

198 91.0 75.9 113.9

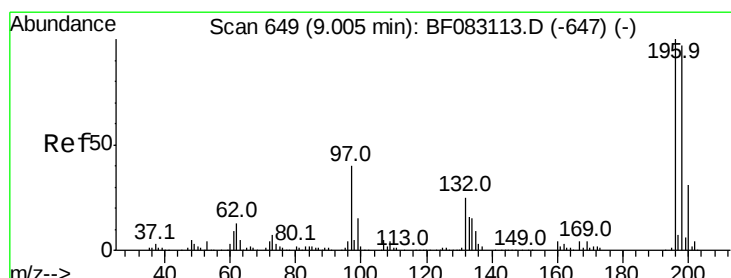
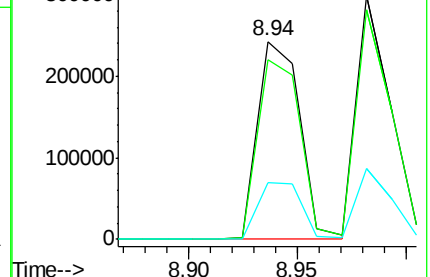
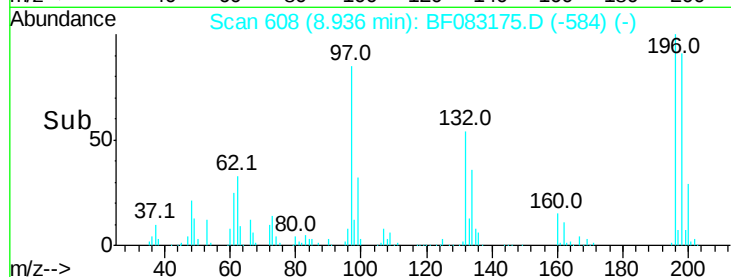
200 28.5 24.5 36.7



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: 37.32 ng

RT: 8.98 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Tgt Ion:196 Resp: 331441

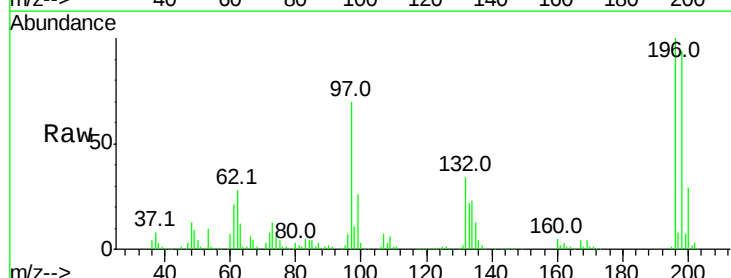
Ion Ratio Lower Upper

196 100

198 94.1 77.6 116.4

97 69.6 32.6 48.8#

132 33.5 19.8 29.8#

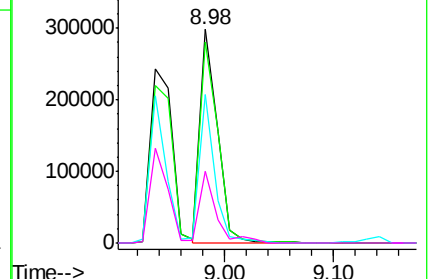
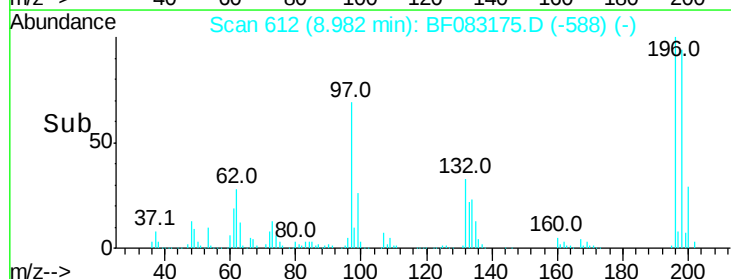


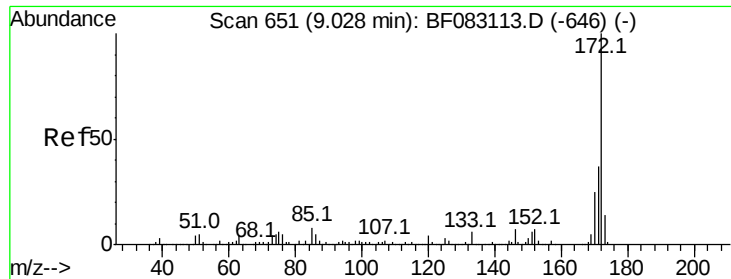
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

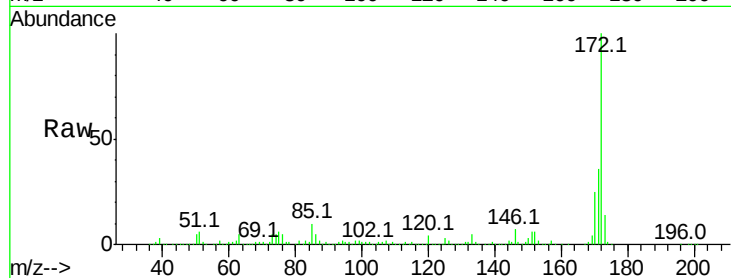




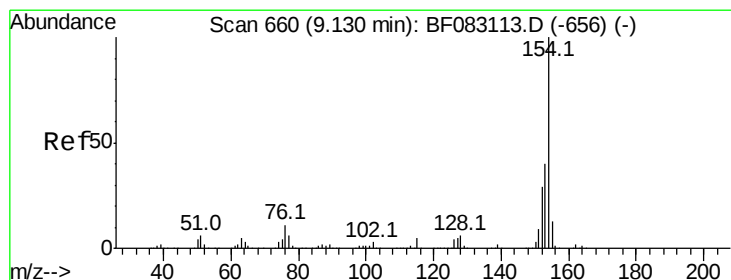
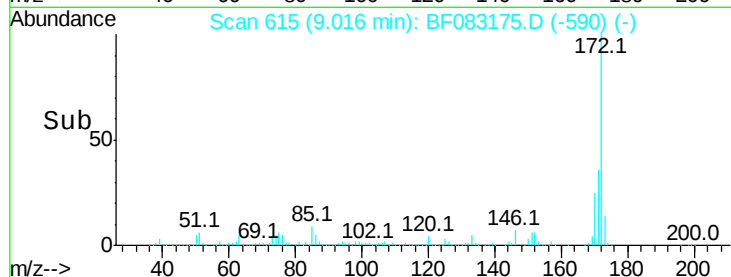
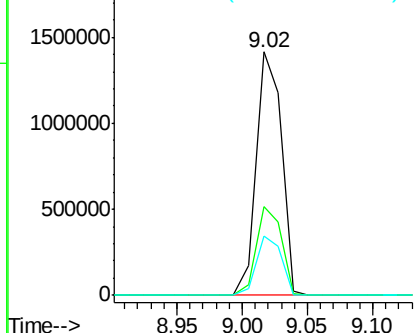
#44
2-Fluorobiphenyl
Concen: 71.75 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1925452
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.5 19.9 29.9

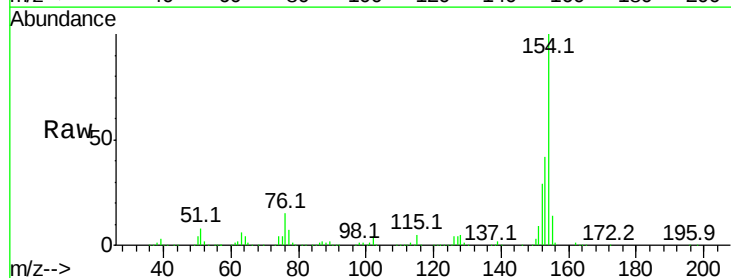


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

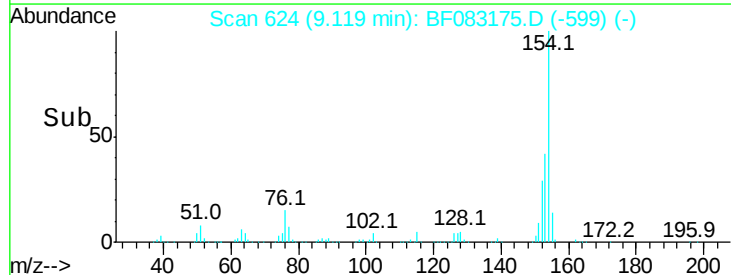
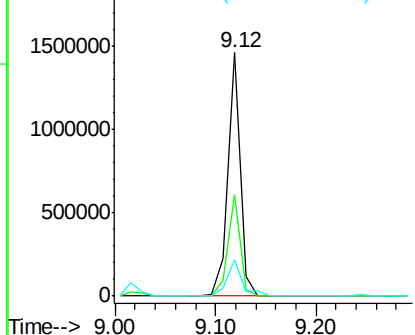


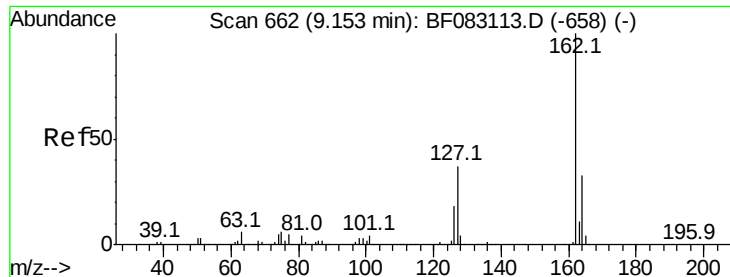
#45
1,1'-Biphenyl
Concen: 39.21 ng
RT: 9.12 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:154 Resp: 1248659
Ion Ratio Lower Upper
154 100
153 41.6 20.5 60.5
76 14.8 0.0 31.2



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

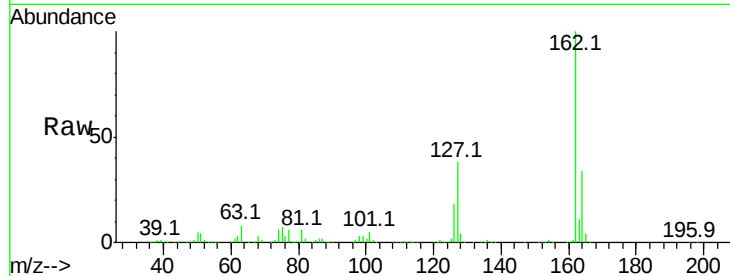




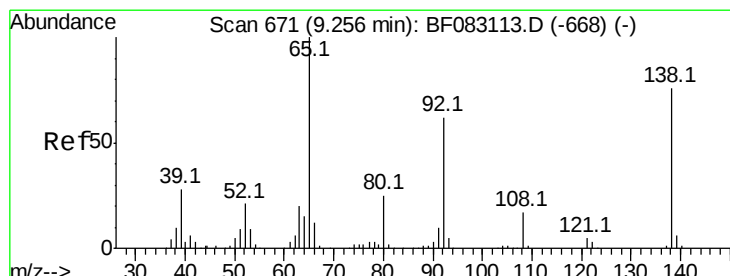
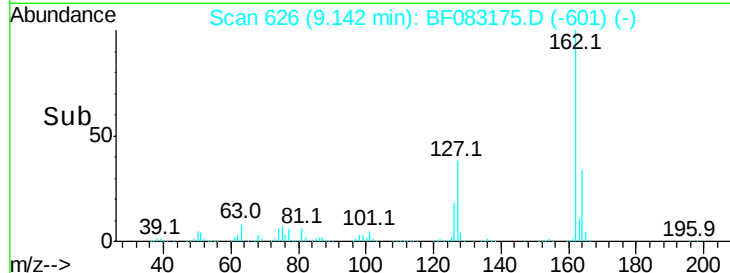
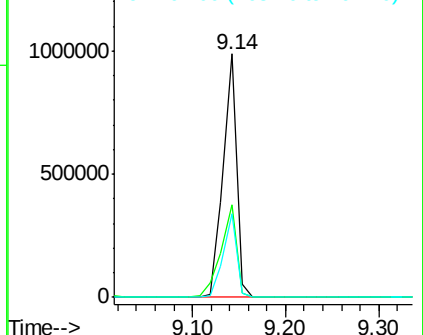
#46
2-Chloronaphthalene
Concen: 39.82 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 996048
Ion Ratio Lower Upper
162 100
127 38.3 29.4 44.2
164 34.2 26.2 39.4

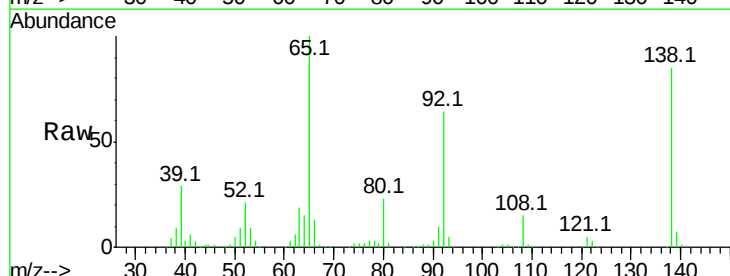


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

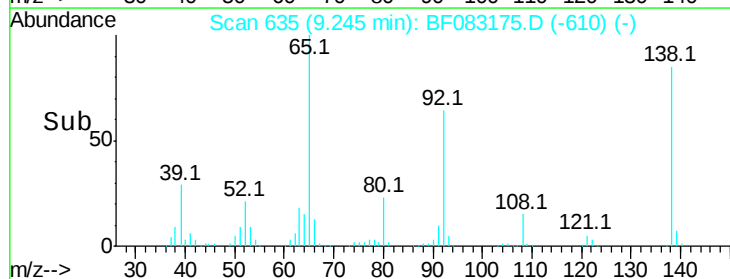
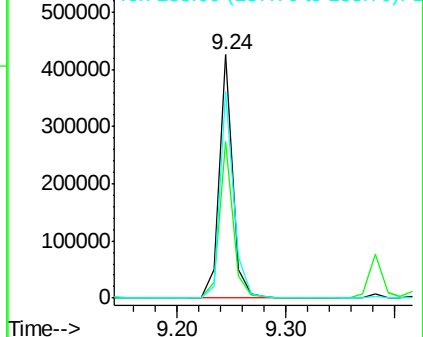


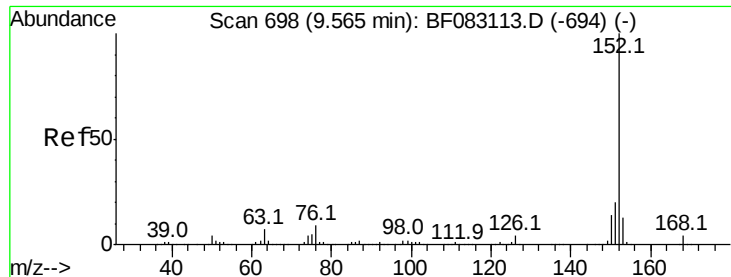
#47
2-Nitroaniline
Concen: 42.04 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion: 65 Resp: 371986
Ion Ratio Lower Upper
65 100
92 64.3 49.5 74.3
138 84.6 60.7 91.1



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





#48

Acenaphthylene

Concen: 41.31 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

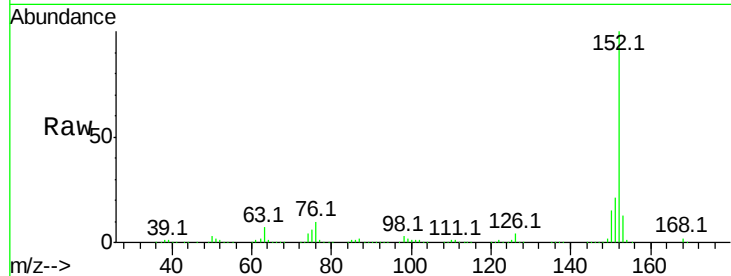
Tot Ion:152 Resp: 1601572

Ion Ratio Lower Upper

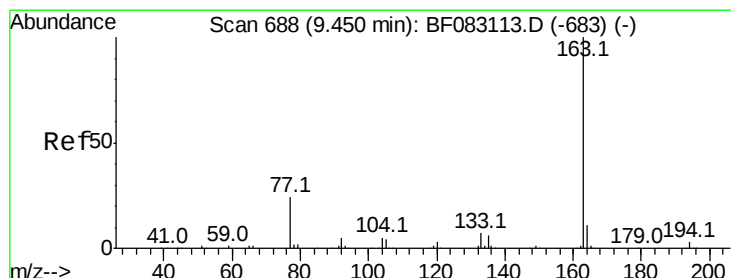
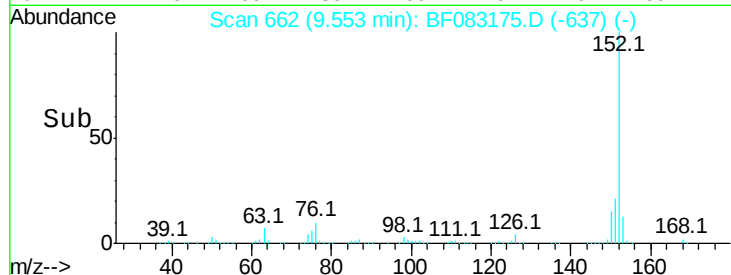
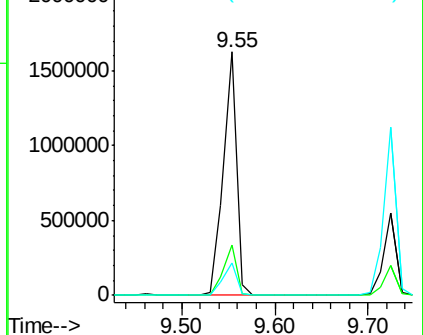
152 100

151 20.8 16.3 24.5

153 13.4 10.8 16.2



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



#49

Dimethylphthalate

Concen: 36.54 ng

RT: 9.43 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

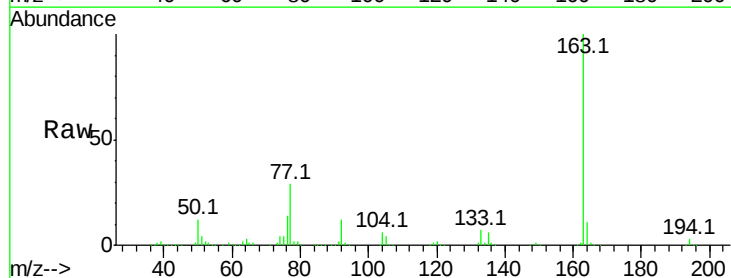
Tgt Ion:163 Resp: 1052604

Ion Ratio Lower Upper

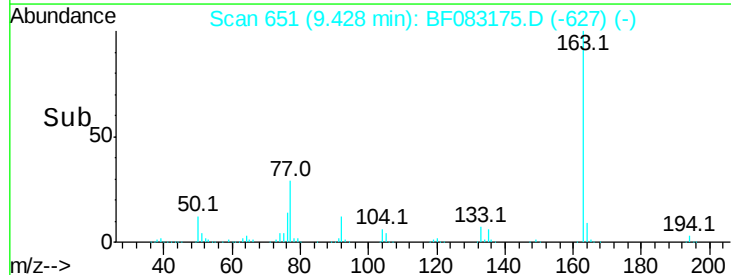
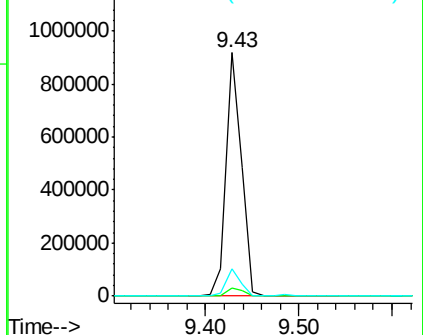
163 100

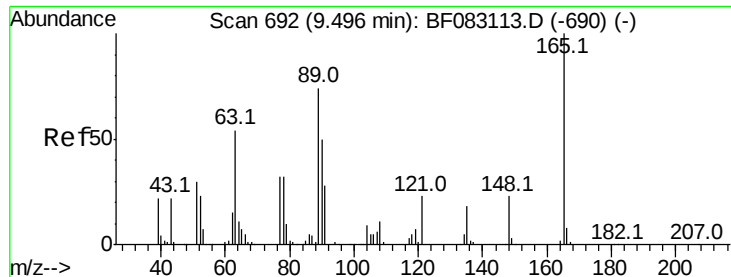
194 3.2 2.6 4.0

164 11.4 8.6 12.8



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

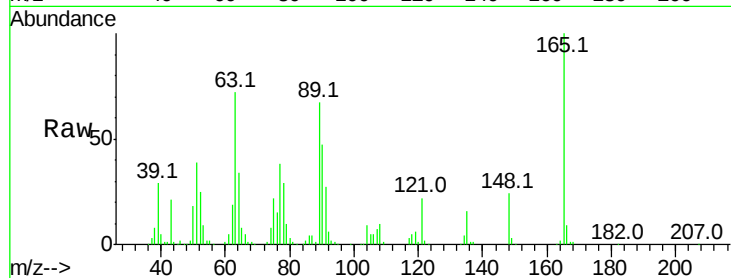




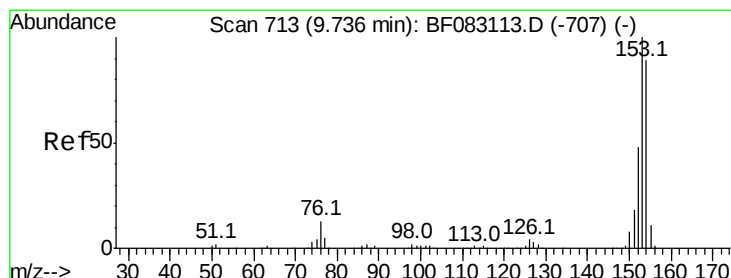
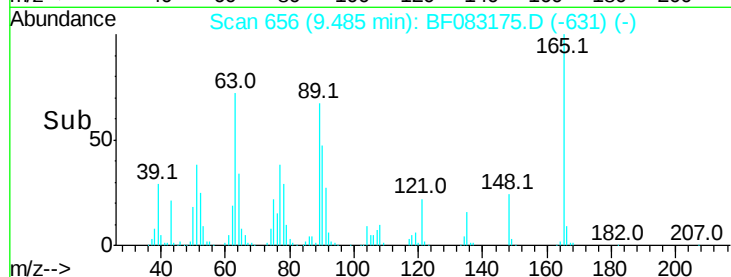
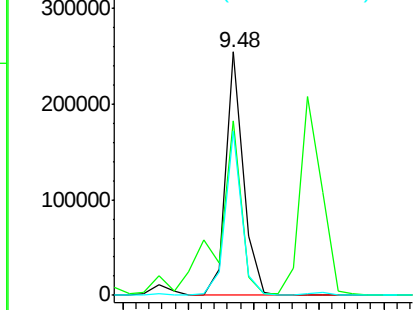
#50
2,6-Dinitrotoluene
Concen: 37.08 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 239670
Ion Ratio Lower Upper
165 100
63 71.7 62.5 93.7
89 67.4 59.1 88.7

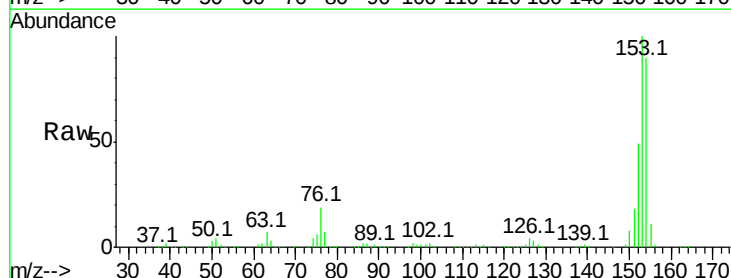


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

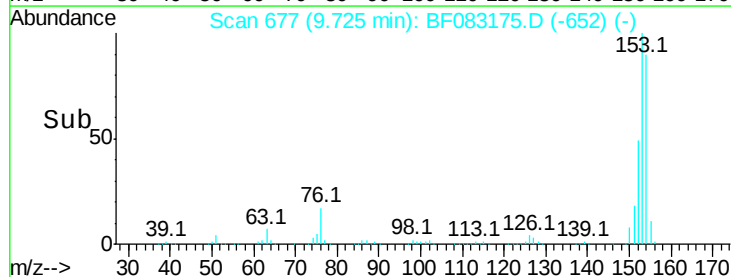
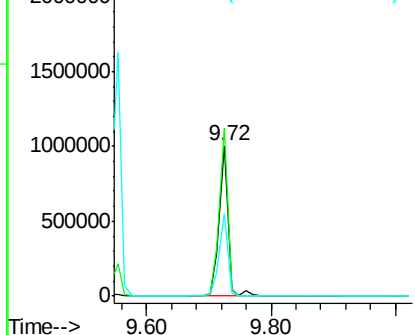


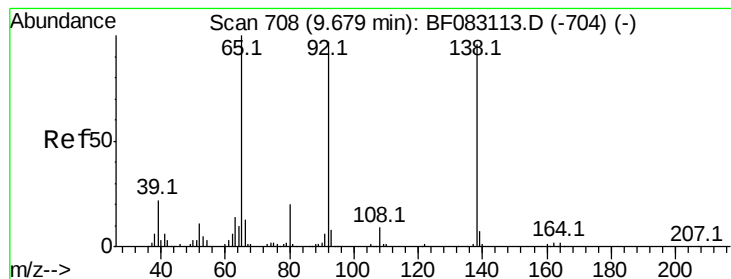
#51
Acenaphthene
Concen: 41.06 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:154 Resp: 968831
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 54.5 43.3 64.9



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: 39.15 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

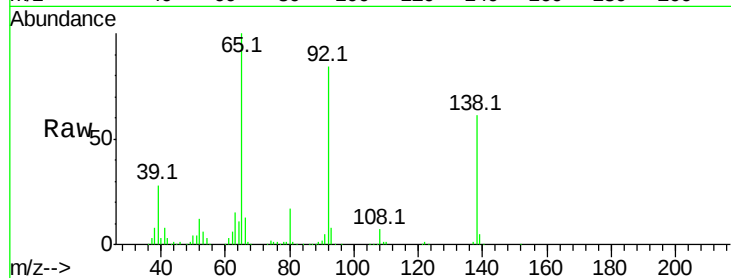
Tot Ion:138 Resp: 269797

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

92 137.1 81.1 121.7#

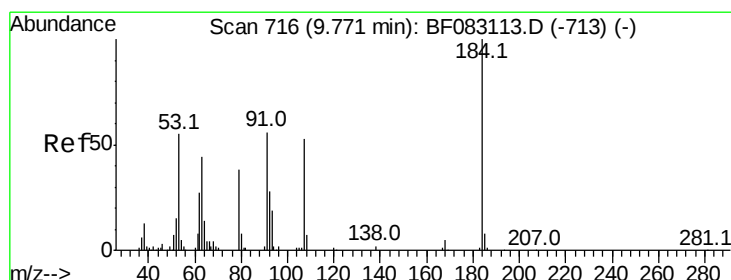
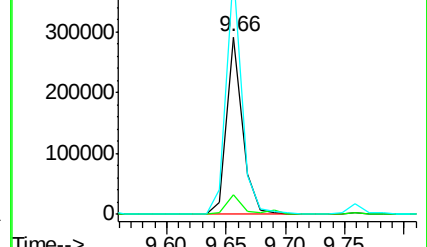
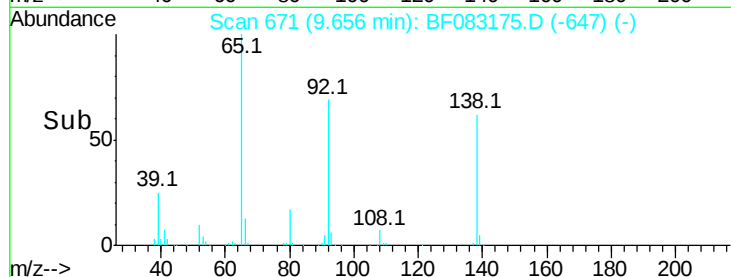


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#53

2,4-Dinitrophenol

Concen: 17.38 ng

RT: 9.76 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

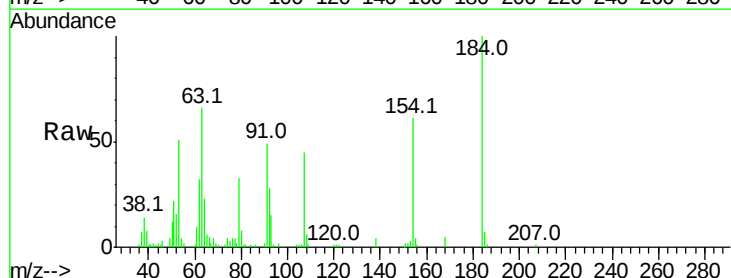
Tgt Ion:184 Resp: 64711

Ion Ratio Lower Upper

184 100

63 66.3 60.5 90.7

154 60.6 54.3 81.5

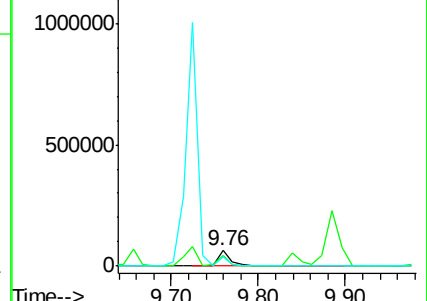
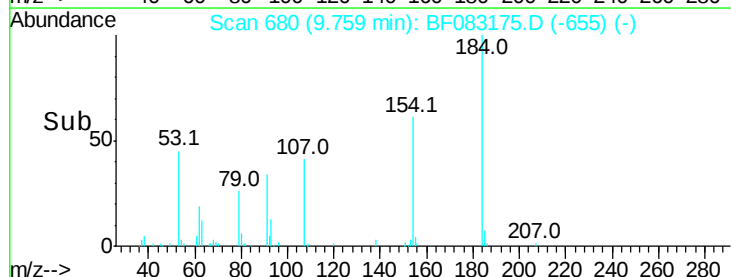


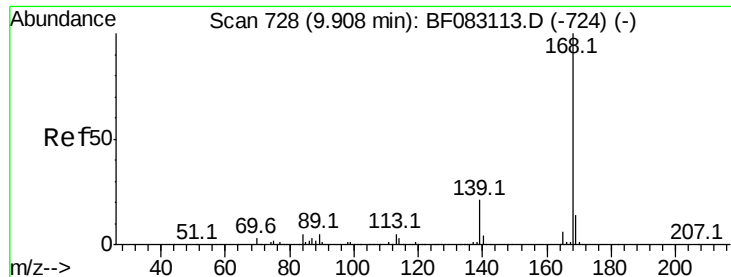
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

Time-->

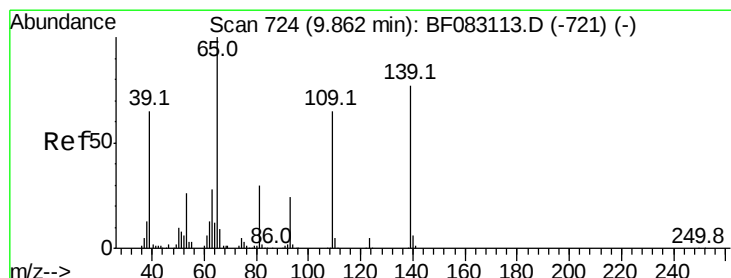
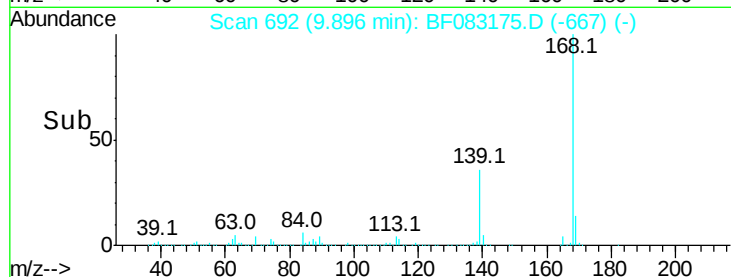
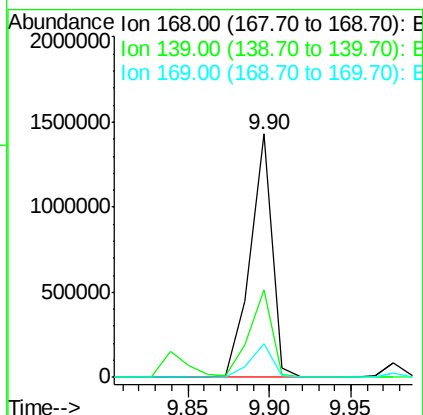
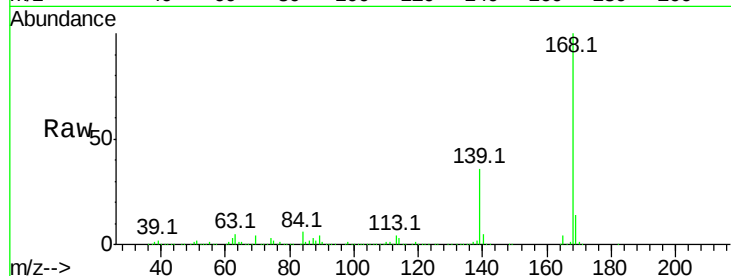




#54
Dibenzenofuran
Concen: 40.06 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

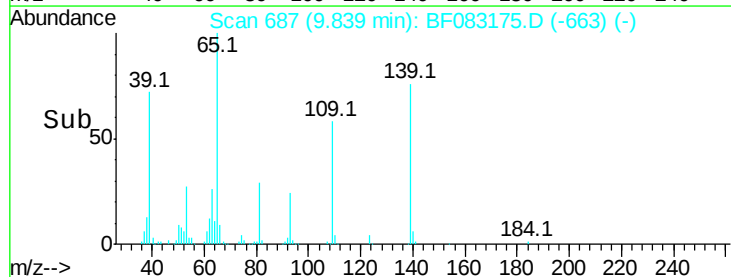
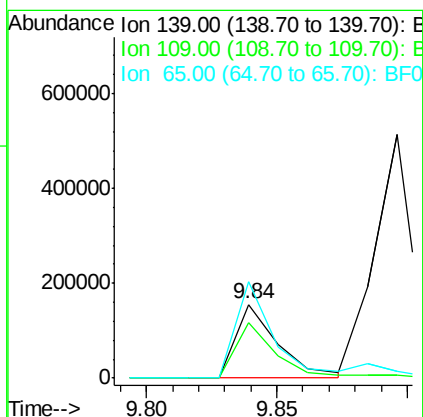
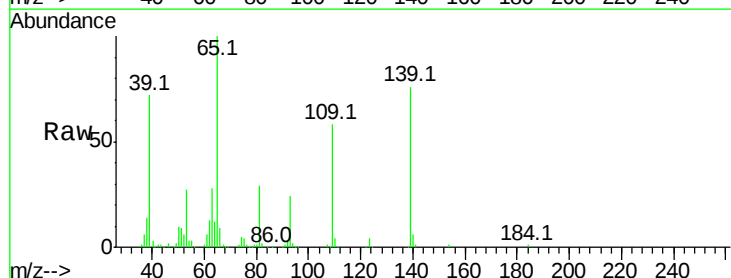
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

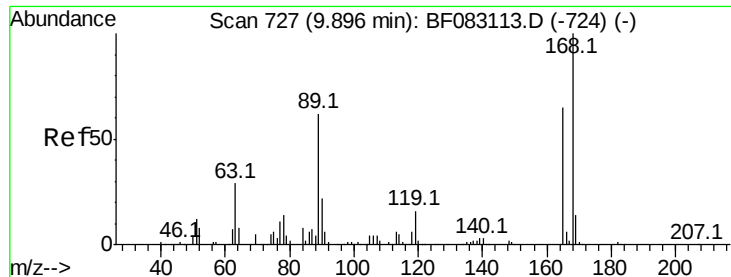
Tot Ion:168 Resp: 1336380
Ion Ratio Lower Upper
168 100
139 35.9 30.2 45.2
169 14.1 10.9 16.3



#55
4-Nitrophenol
Concen: 33.63 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:139 Resp: 177701
Ion Ratio Lower Upper
139 100
109 75.6 64.0 104.0
65 130.9 109.5 149.5

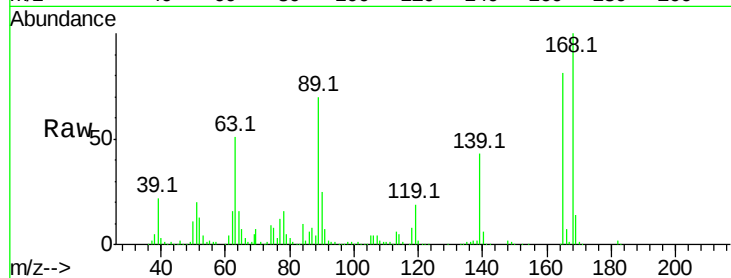




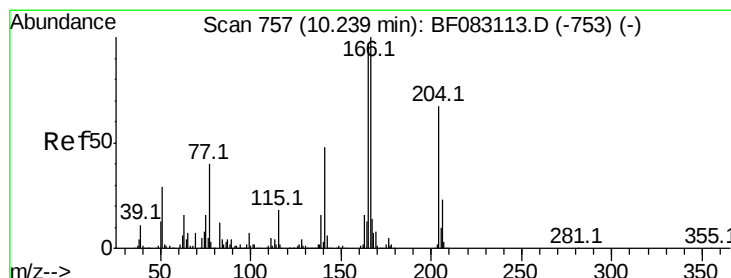
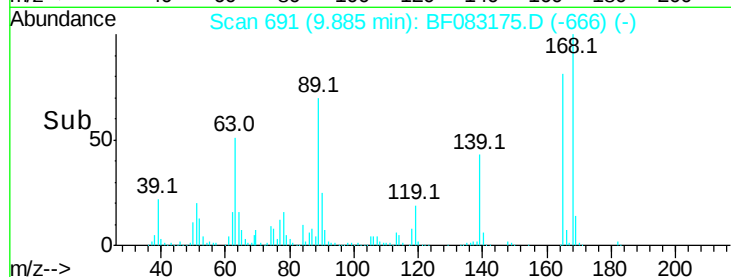
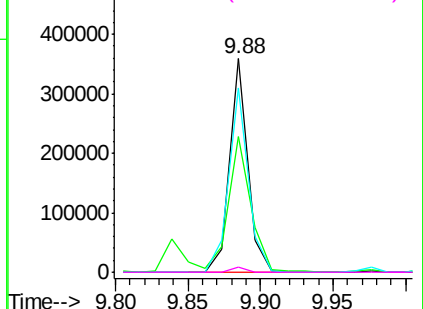
#56
2,4-Dinitrotoluene
Concen: 38.24 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 313168
Ion Ratio Lower Upper
165 100
63 63.3 54.5 81.7
89 86.4 77.3 115.9
182 2.3 1.8 2.6

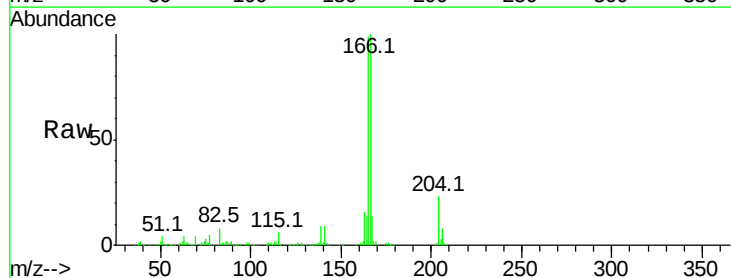


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

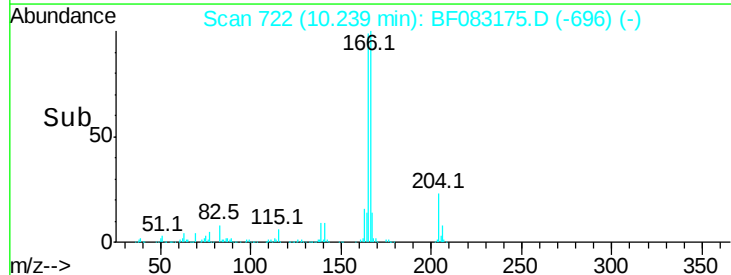
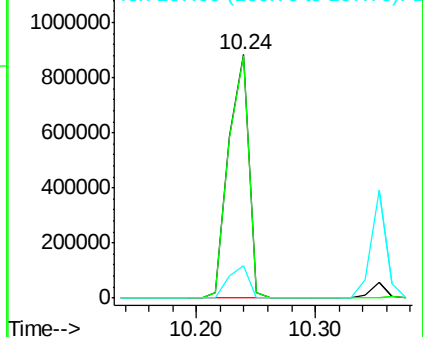


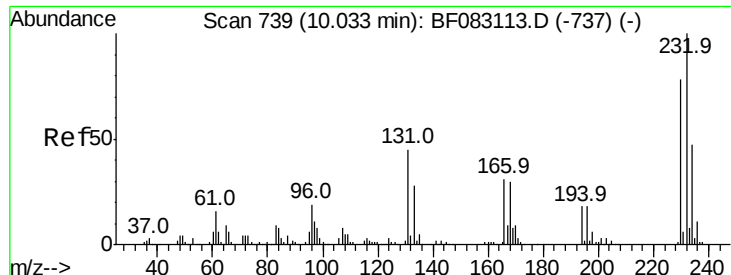
#57
Fluorene
Concen: 37.74 ng
RT: 10.24 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:166 Resp: 1040331
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 13.5 11.3 16.9



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

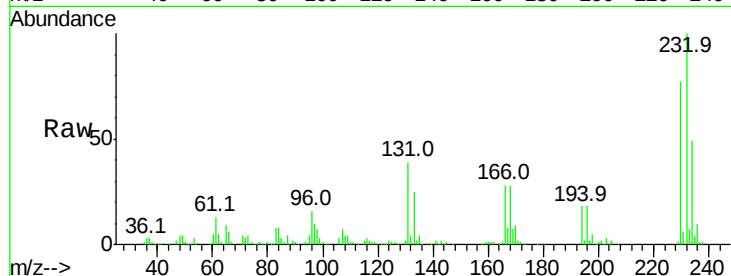




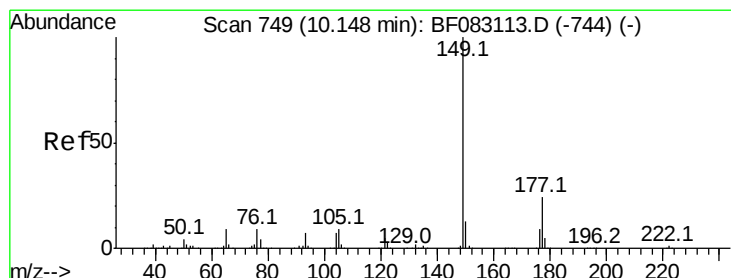
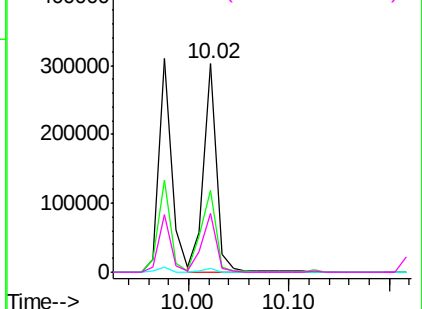
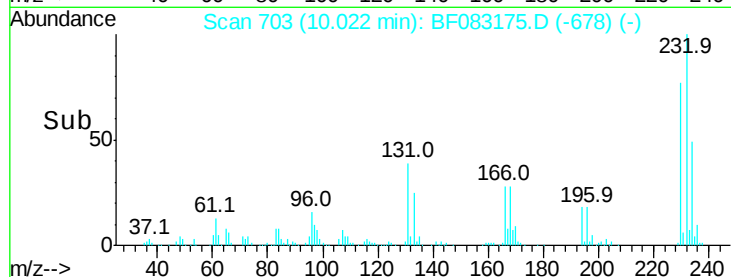
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.47 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 272995
 Ion Ratio Lower Upper
 232 100
 131 45.5 38.6 57.8
 130 2.1 1.9 2.9
 166 31.3 25.4 38.0

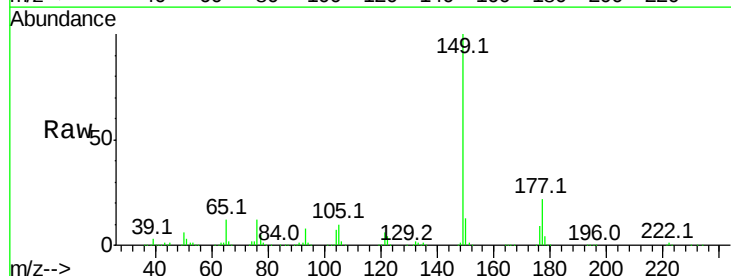


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

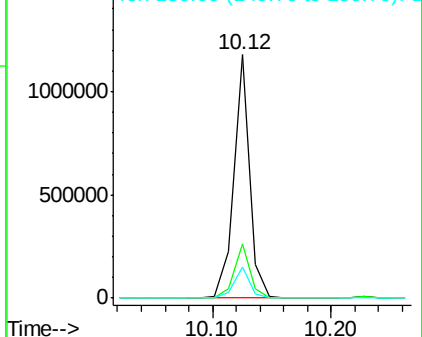
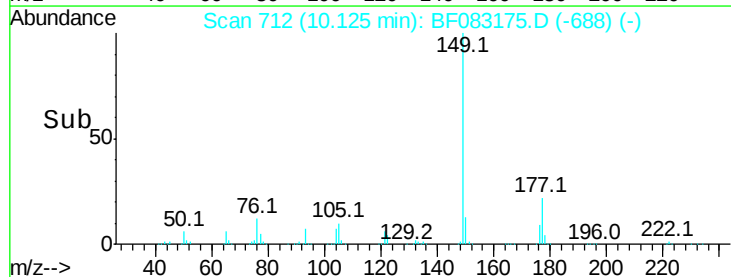


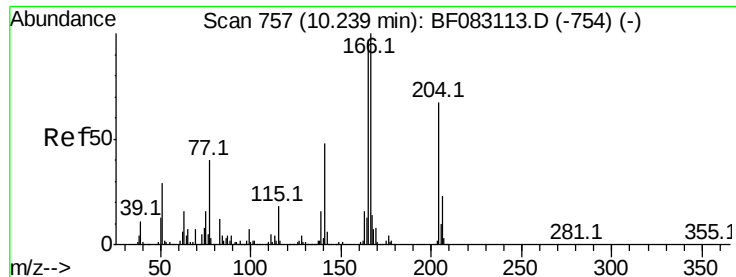
#59
 Diethylphthalate
 Concen: 37.86 ng
 RT: 10.12 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion:149 Resp: 1085623
 Ion Ratio Lower Upper
 149 100
 177 22.2 19.4 29.2
 150 12.6 10.2 15.2



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

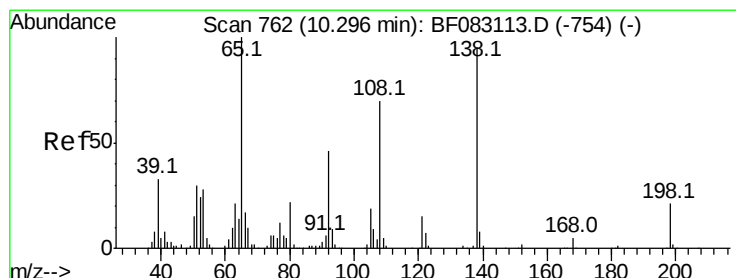
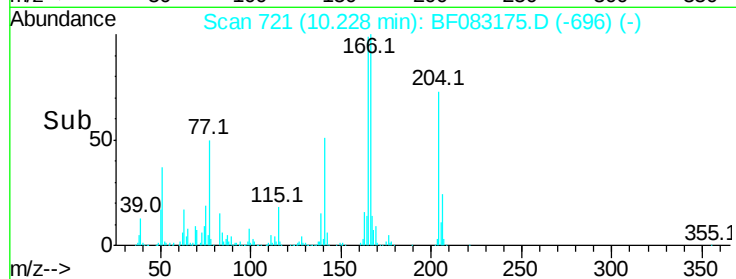
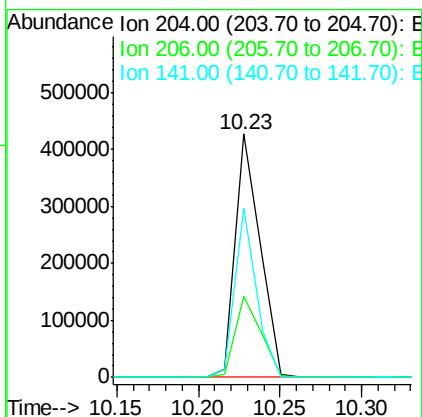
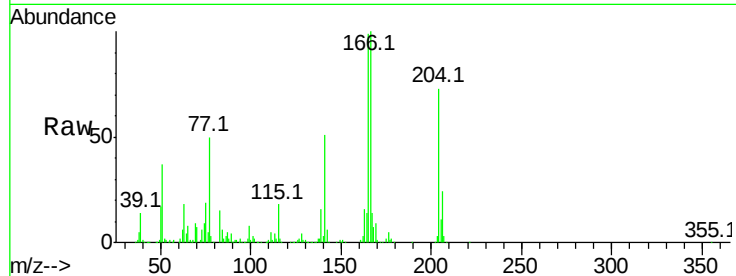




#60
4-Chlorophenyl-phenylether
Concen: 35.31 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

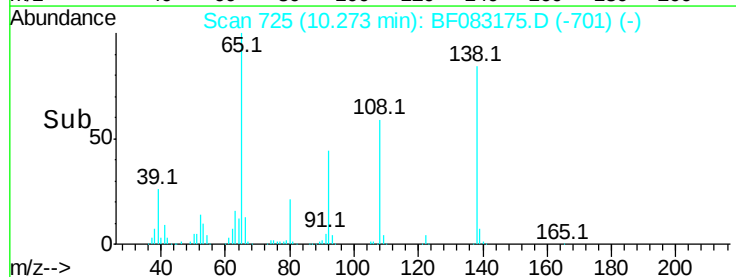
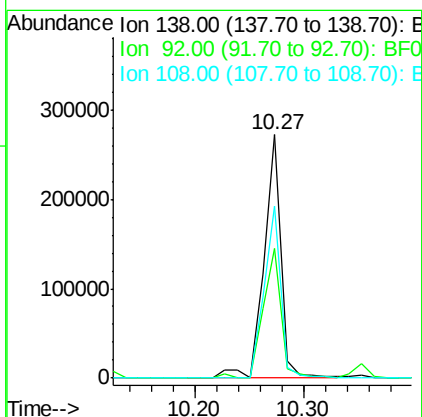
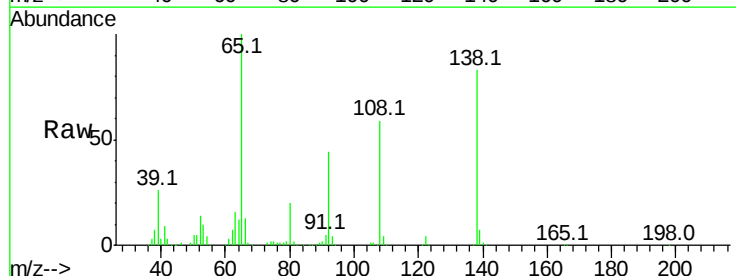
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

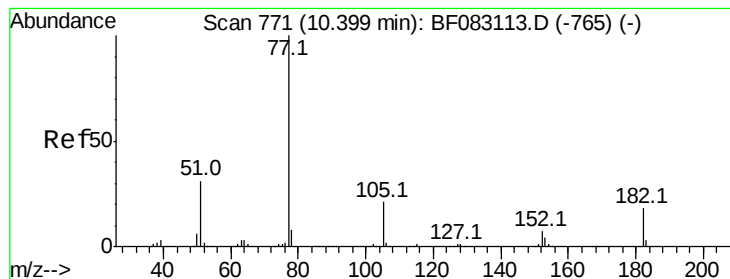
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.4	41.0
141	69.7	57.4	86.2



#61
4-Nitroaniline
Concen: 44.22 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	28.4	68.4
108	70.5	53.5	93.5





#62

Azobenzene

Concen: 39.36 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1288148

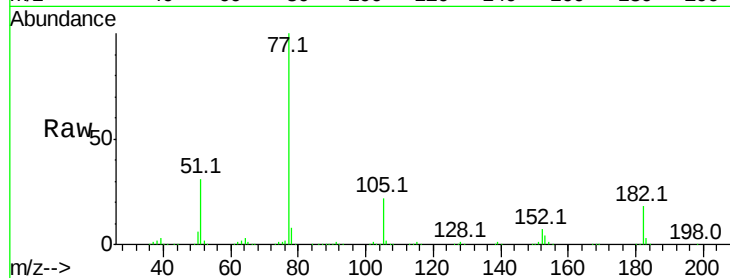
Ion Ratio Lower Upper

77 100

182 18.1 0.0 38.3

105 22.2 1.2 41.2

51 30.6 11.1 51.1

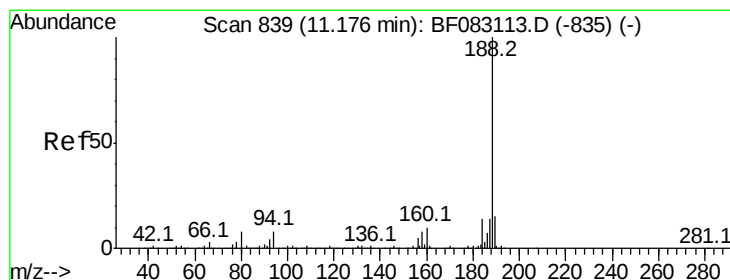
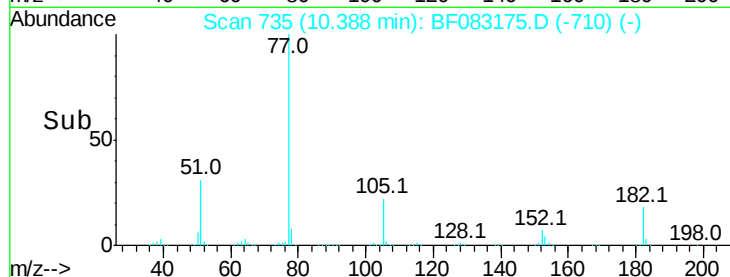
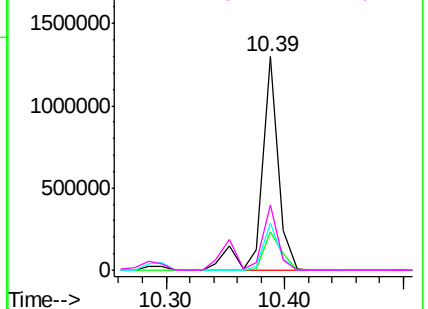


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

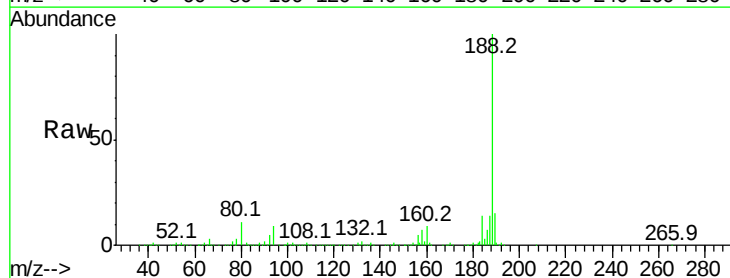
Tgt Ion: 188 Resp: 690677

Ion Ratio Lower Upper

188 100

94 9.3 6.0 9.0#

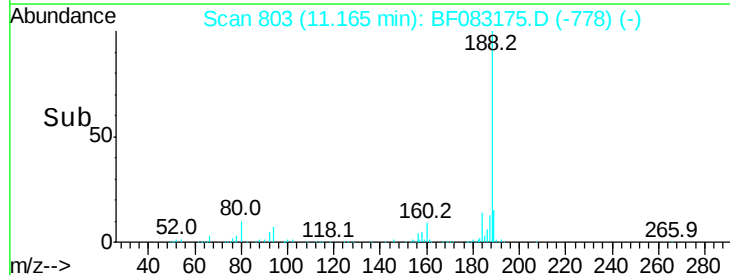
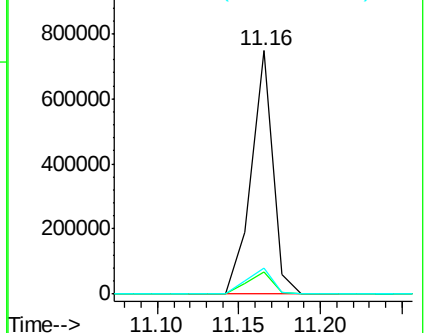
80 10.6 6.7 10.1#

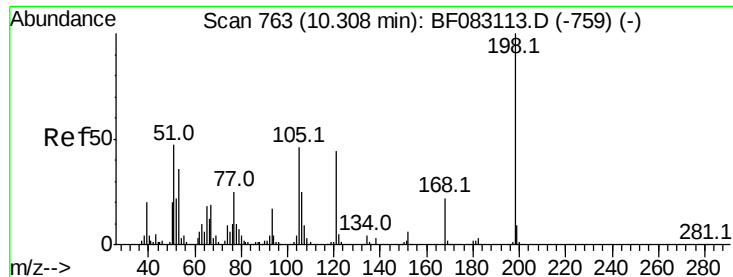


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

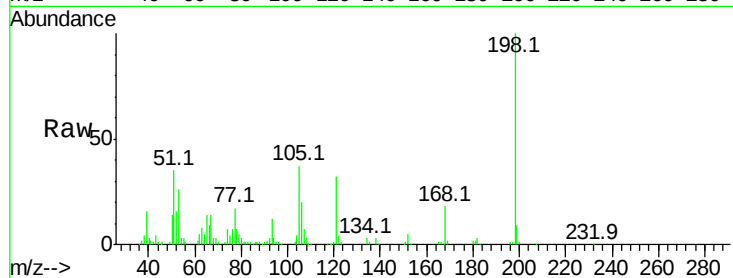




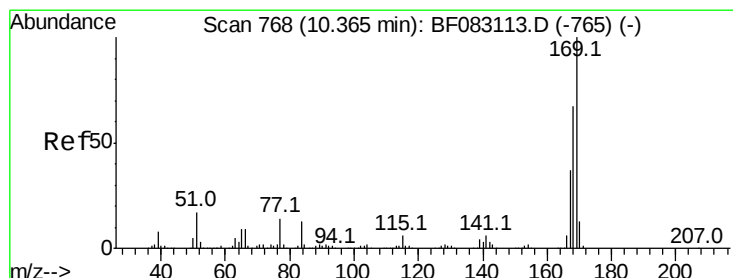
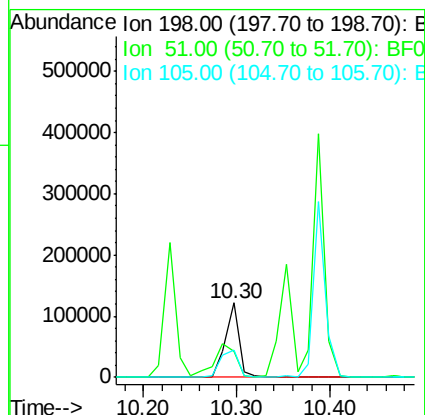
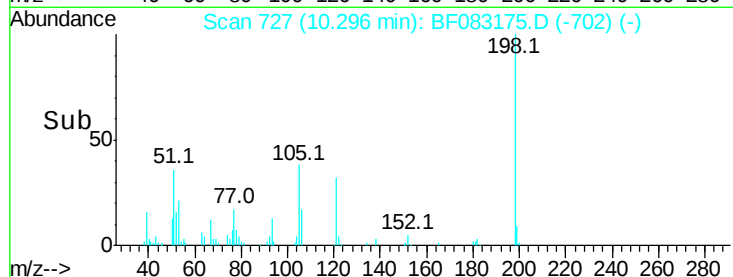
#64
4,6-Dinitro-2-methylphenol
Concen: 26.01 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 123798
Ion Ratio Lower Upper
198 100
51 35.0 27.0 67.0
105 37.0 26.1 66.1

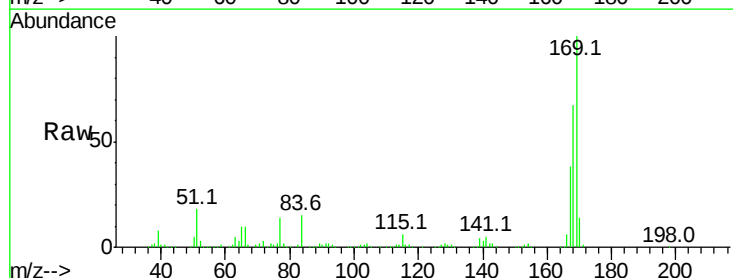


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

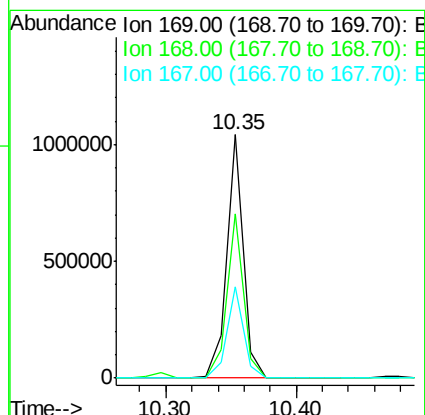
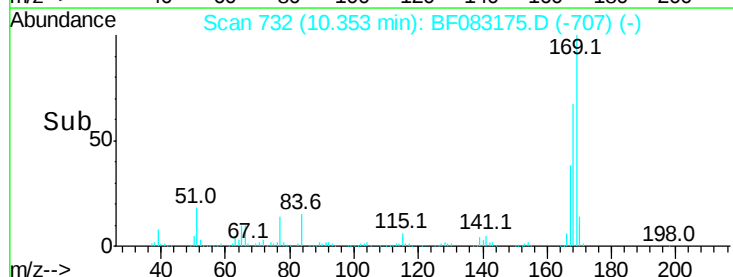


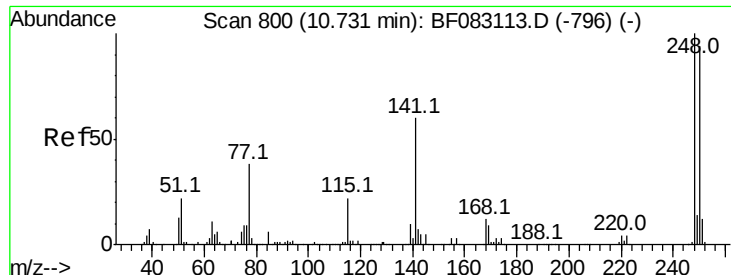
#65
n-Nitrosodiphenylamine
Concen: 39.31 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:169 Resp: 923534
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 37.7 29.8 44.8



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

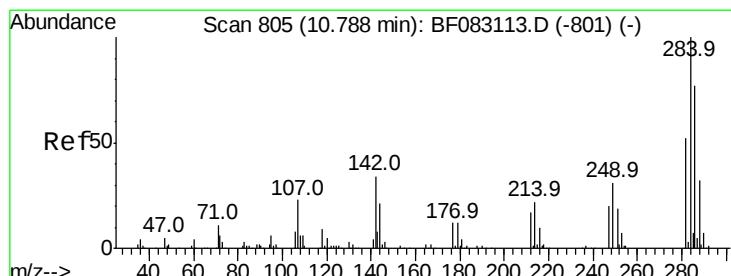
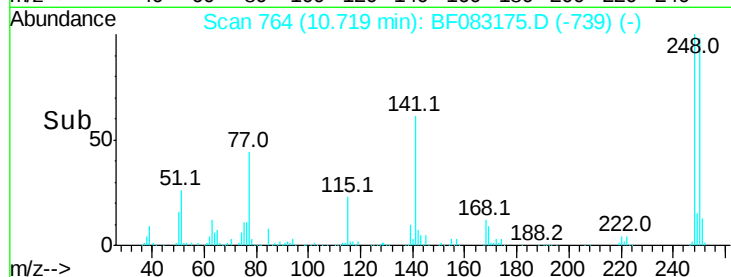
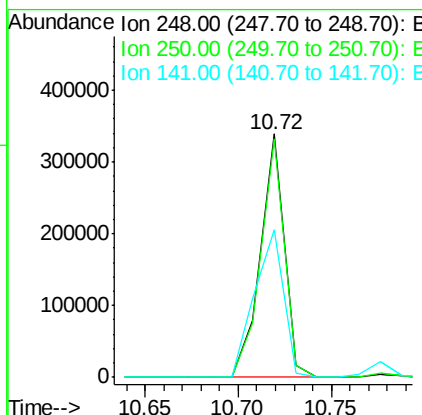
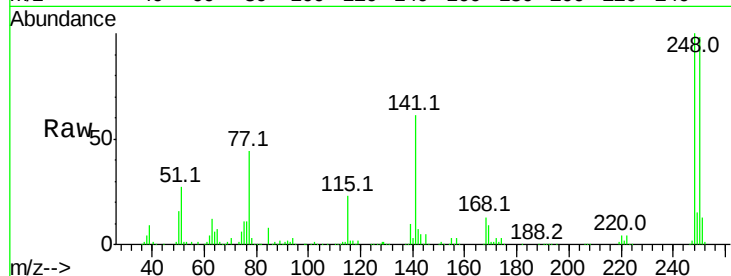




#66
4-Bromophenyl-phenylether
Concen: 39.10 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

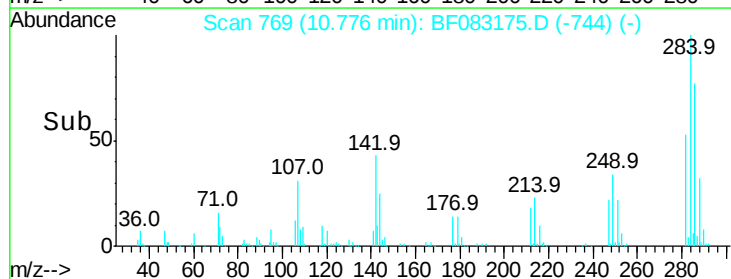
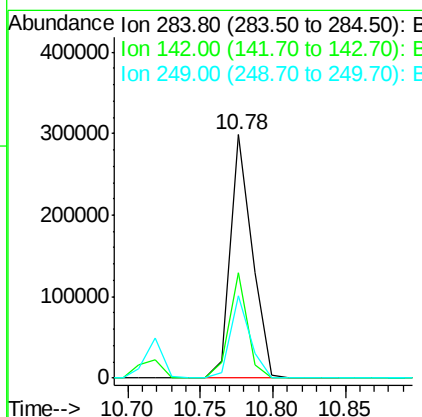
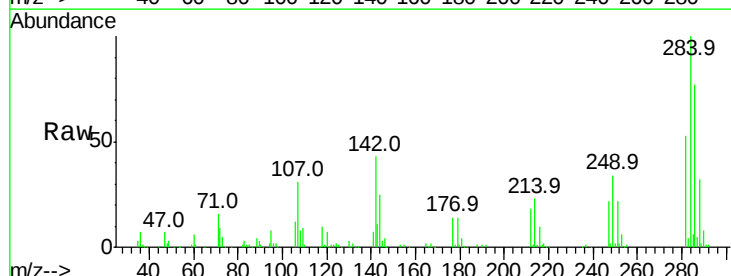
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

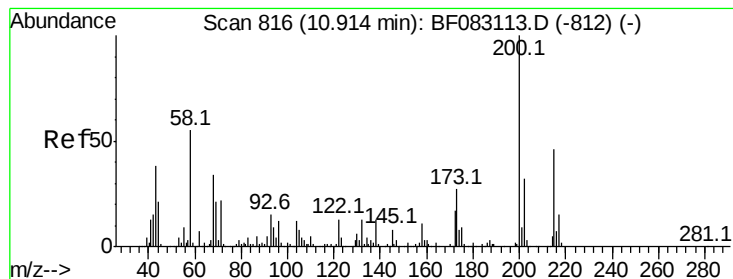
Tot Ion:248 Resp: 299680
Ion Ratio Lower Upper
248 100
250 97.8 75.4 113.2
141 60.7 48.1 72.1



#67
Hexachlorobenzene
Concen: 36.77 ng
RT: 10.78 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:284 Resp: 310320
Ion Ratio Lower Upper
284 100
142 43.2 27.6 41.4#
249 33.8 25.5 38.3





#68

Atrazine

Concen: 42.66 ng

RT: 10.89 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

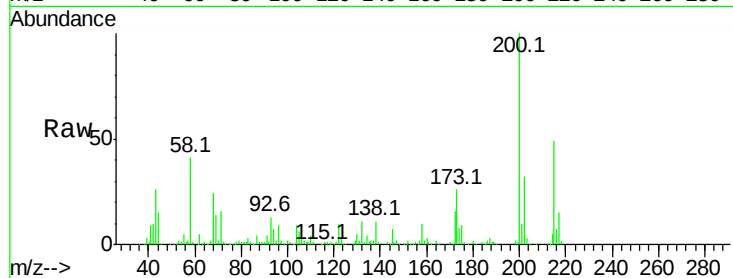
Tot Ion:200 Resp: 291029

Ion Ratio Lower Upper

200 100

173 26.0 7.2 47.2

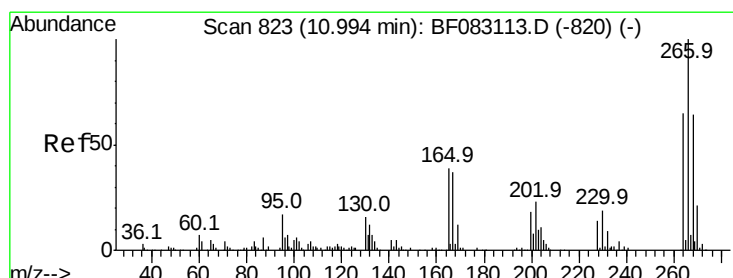
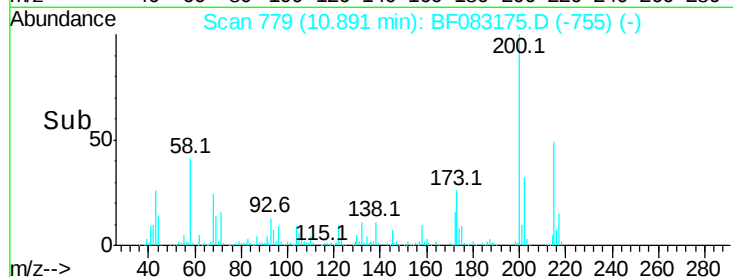
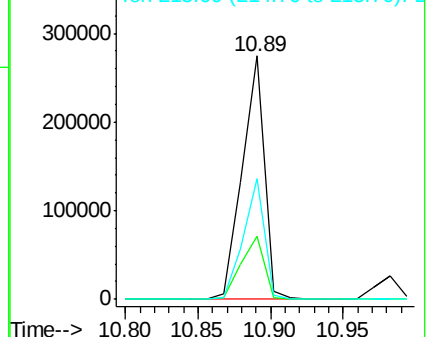
215 49.4 25.7 65.7



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: 32.14 ng

RT: 10.98 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

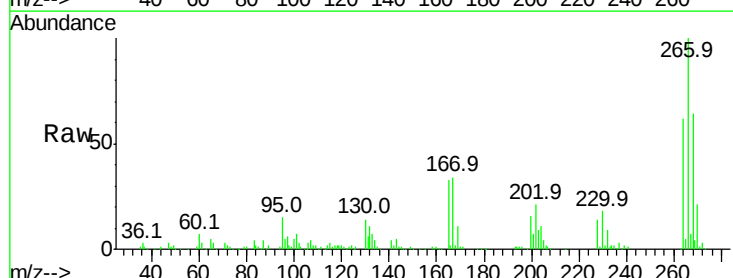
Tgt Ion:266 Resp: 176698

Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.0

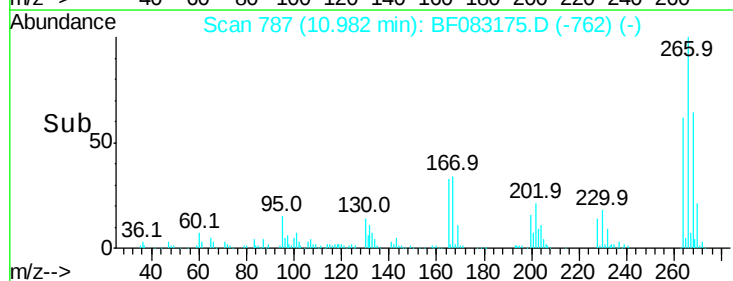
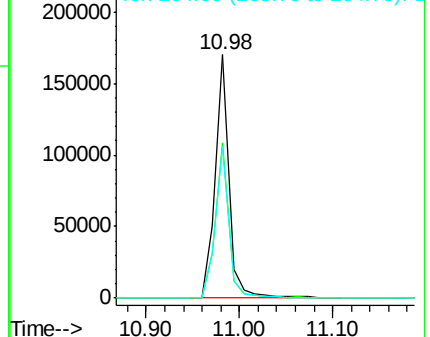
264 62.1 51.7 77.5

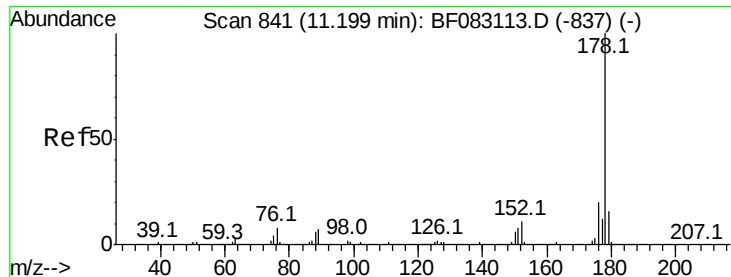


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

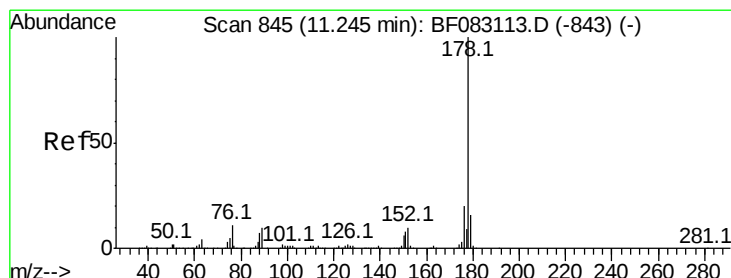
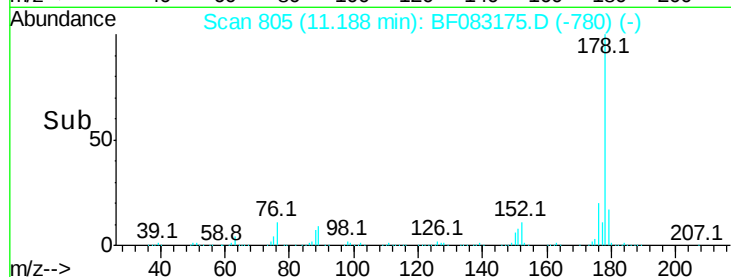
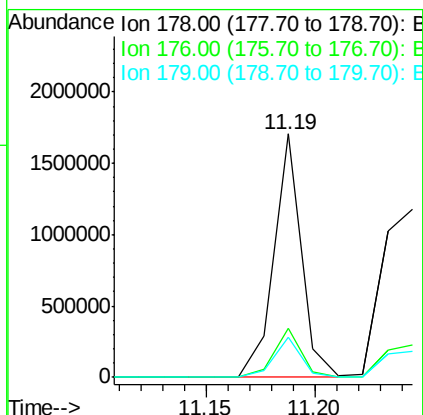
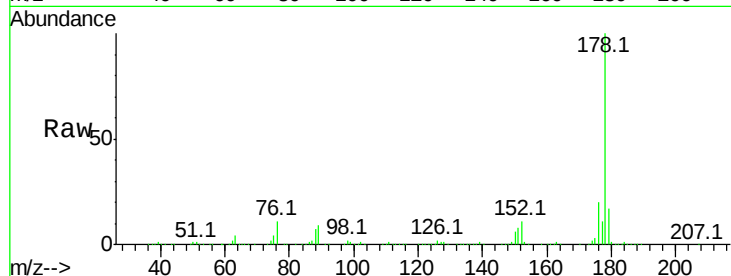




#70
Phenanthrene
Concen: 38.18 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

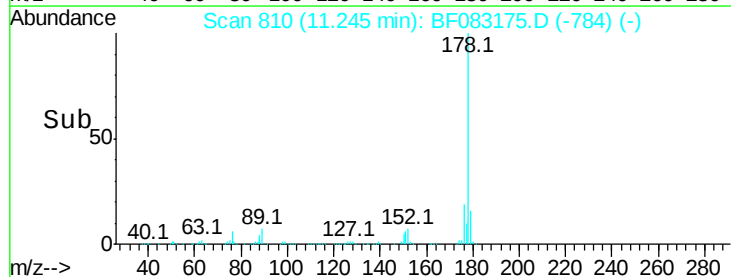
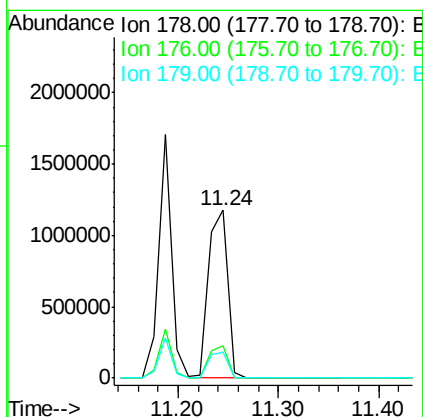
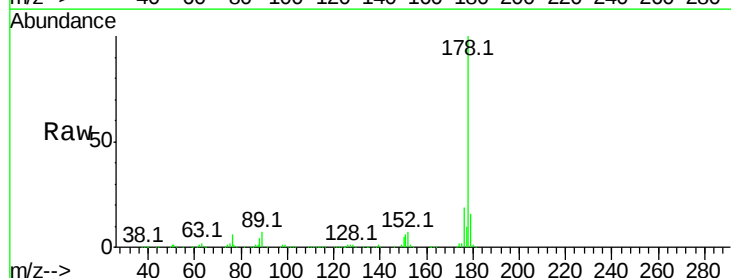
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

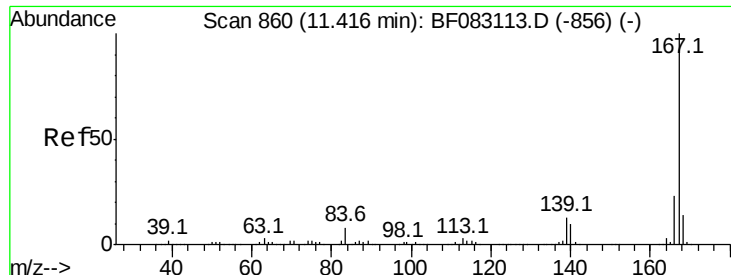
Tot Ion:178 Resp: 1519209
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.7 12.8 19.2



#71
Anthracene
Concen: 38.42 ng
RT: 11.24 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:178 Resp: 1559628
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.5 13.2 19.8

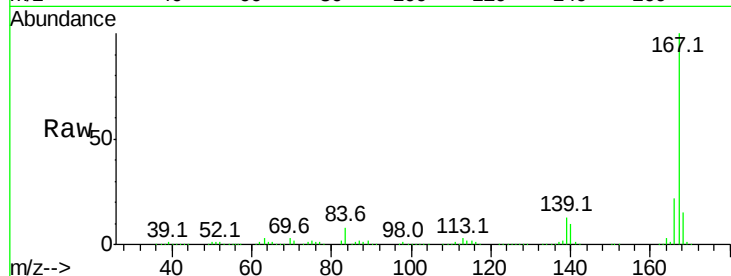




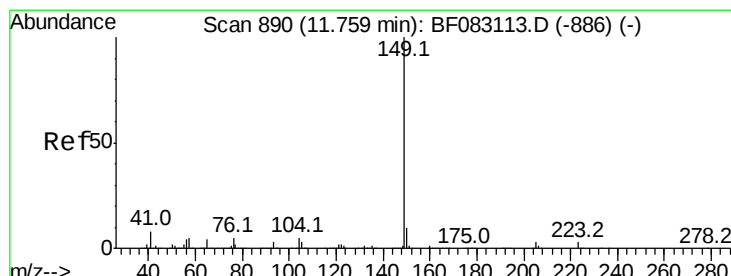
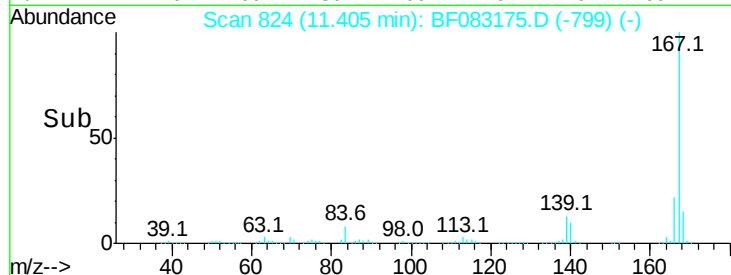
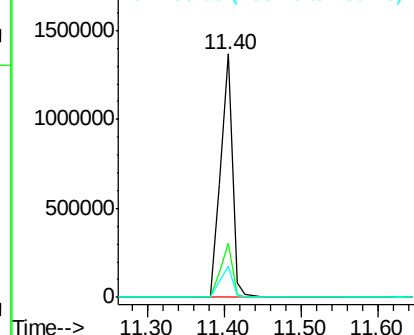
#72
 Carbazole
 Concen: 40.30 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1454243
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.7 10.5 15.7

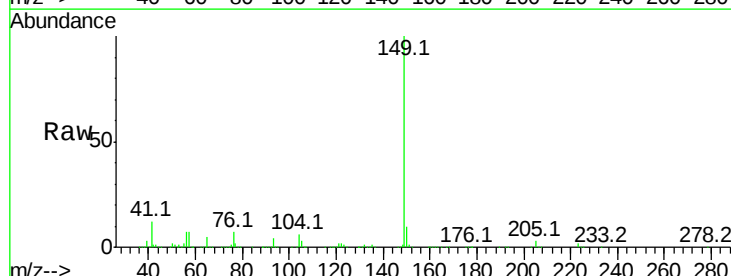


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

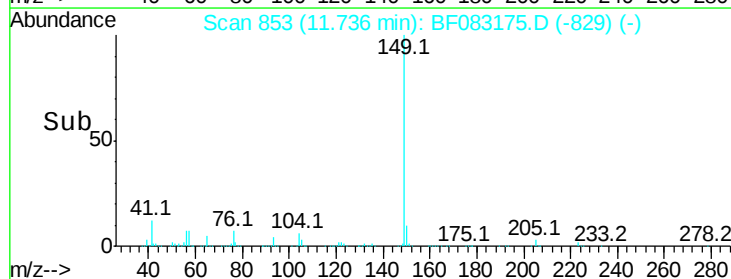
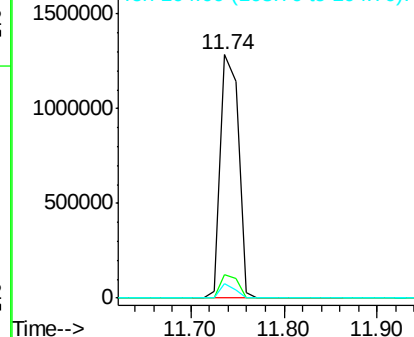


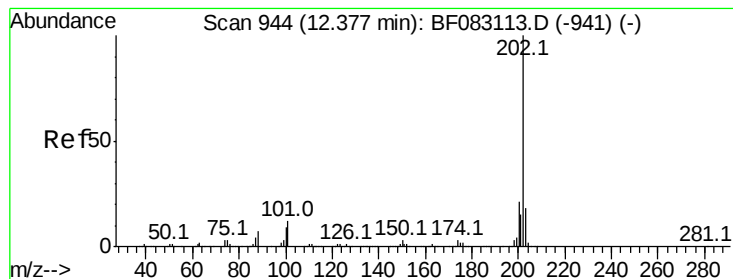
#73
 Di-n-butylphthalate
 Concen: 38.84 ng
 RT: 11.74 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF083175.D
 Acq: 22 Nov 2015 23:08

Tgt Ion:149 Resp: 1710851
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.7 4.4 6.6



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: 36.54 ng

RT: 12.37 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

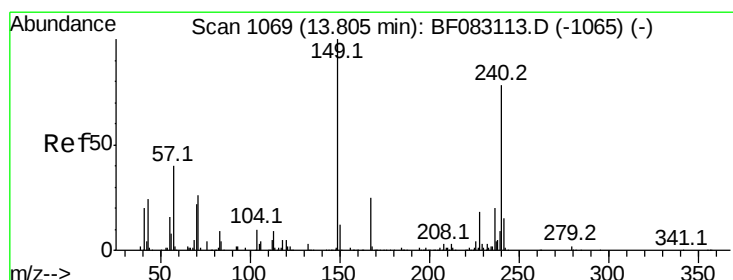
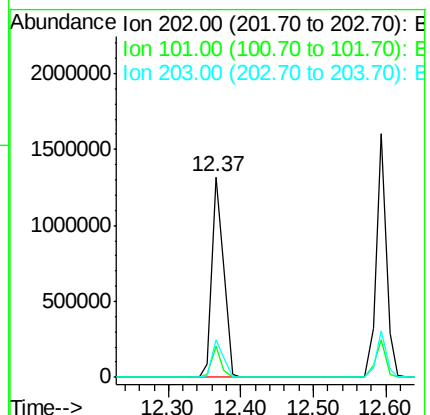
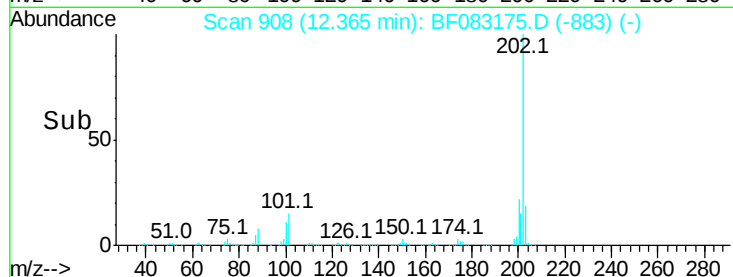
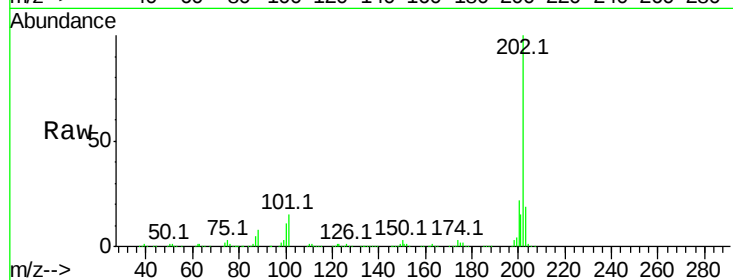
Tot Ion:202 Resp: 1488078

Ion Ratio Lower Upper

202 100

101 15.4 0.0 32.3

203 18.7 0.0 38.4



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

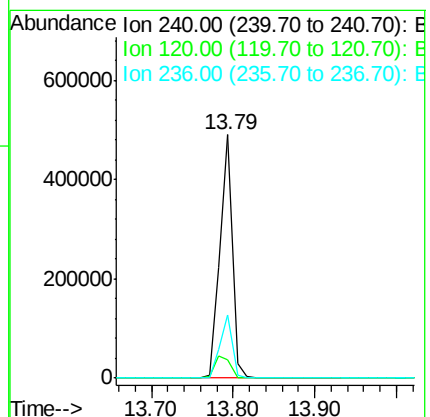
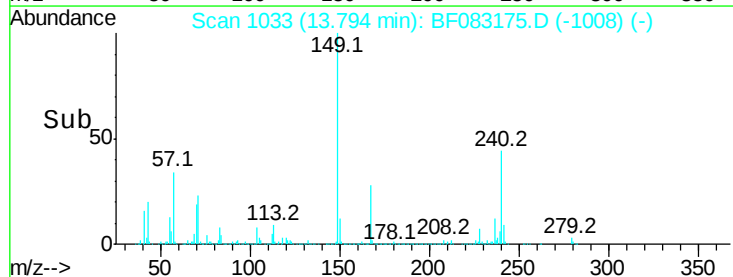
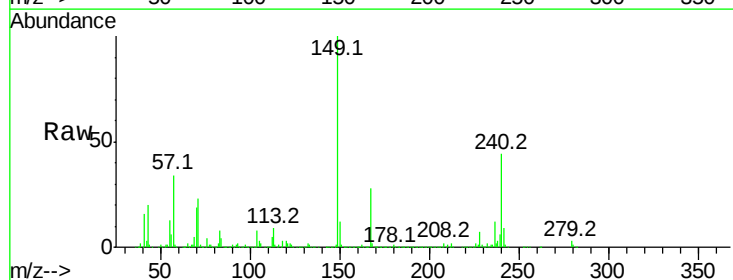
Tgt Ion:240 Resp: 519038

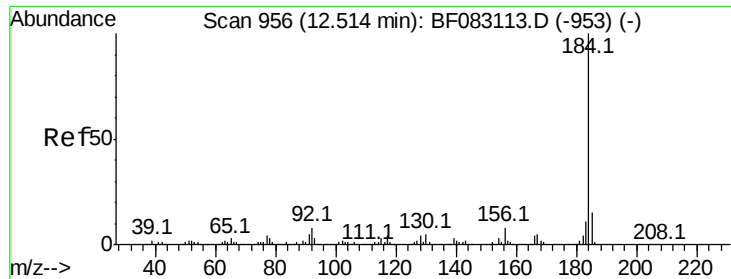
Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.2

236 26.1 20.6 31.0

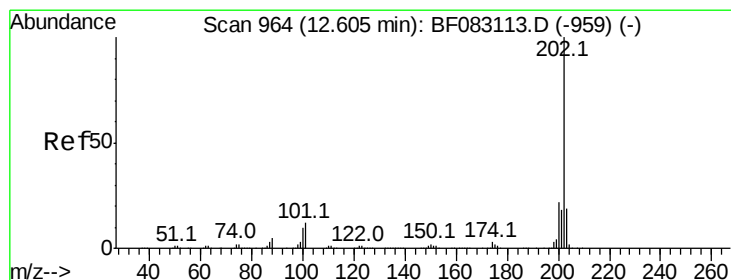
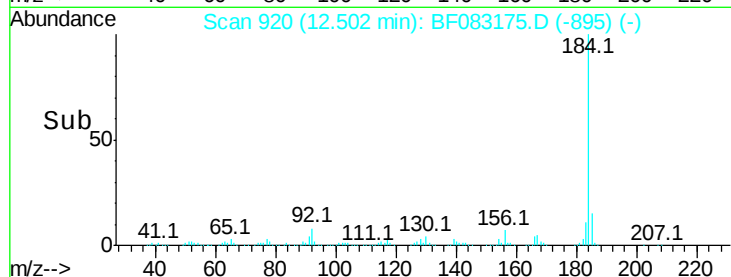
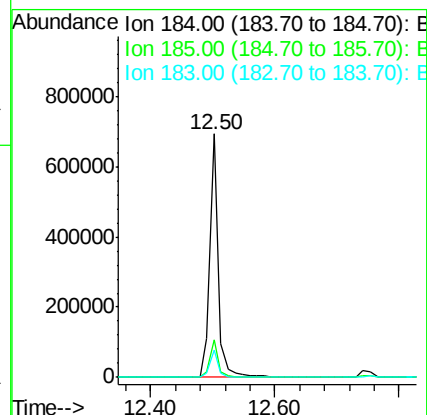
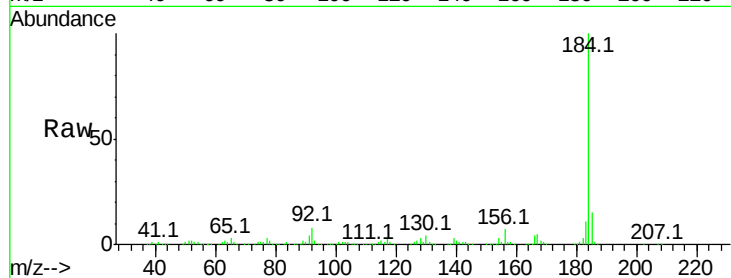




#76
Benzidine
Concen: 49.26 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

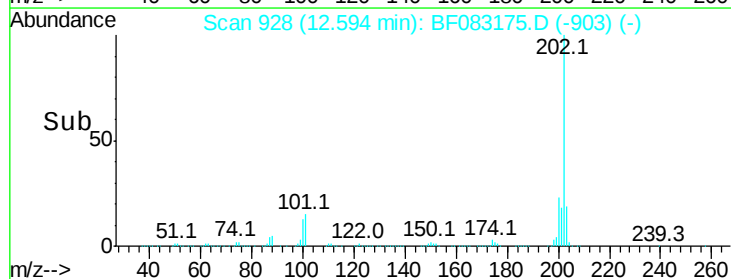
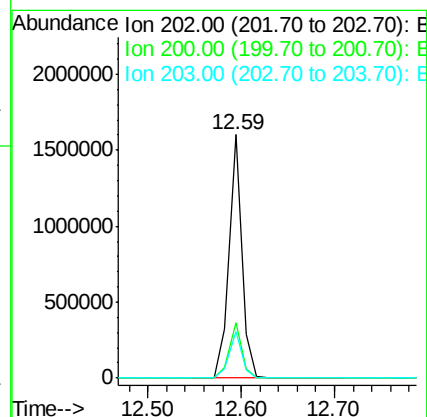
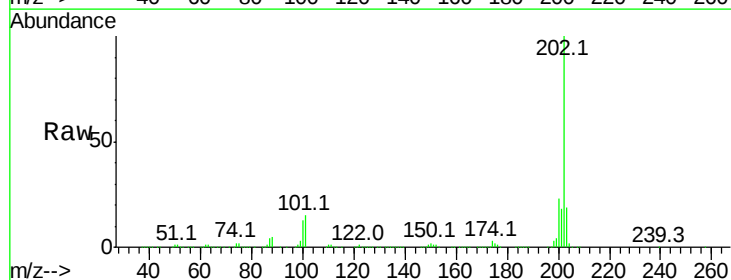
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

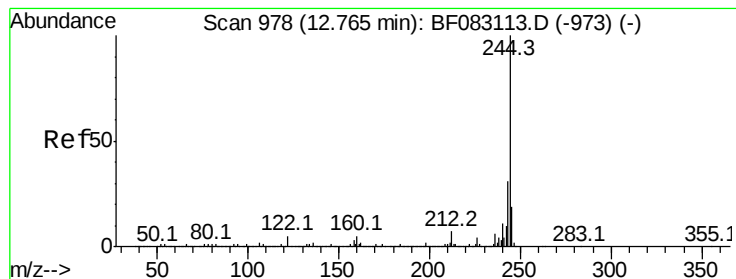
Tot Ion:184 Resp: 670085
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 11.0 8.8 13.2



#77
Pyrene
Concen: 43.31 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:202 Resp: 1535600
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.9 15.0 22.4





#78

Terphenyl-d14

Concen: 86.79 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

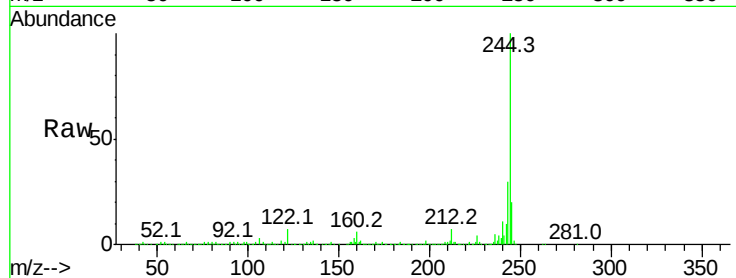
Tot Ion:244 Resp: 1912981

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

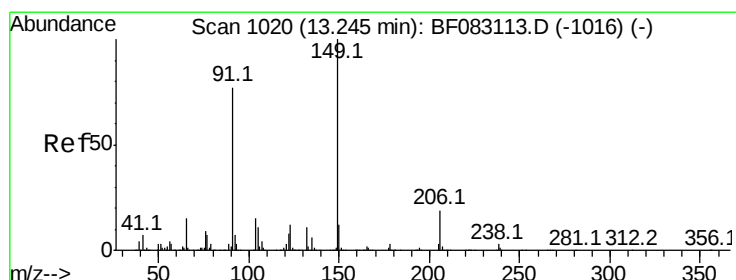
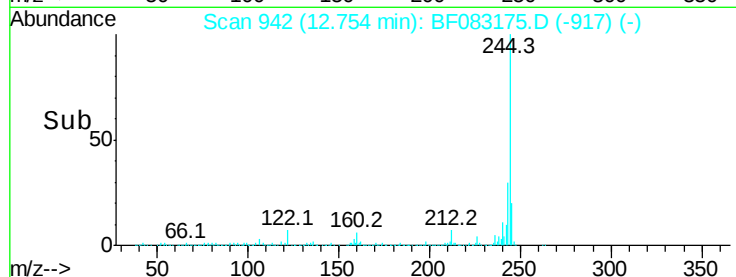
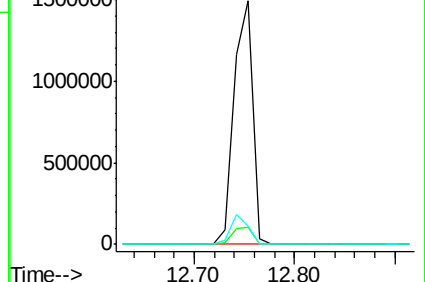
122 7.4 4.3 6.5#



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: 44.33 ng

RT: 13.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

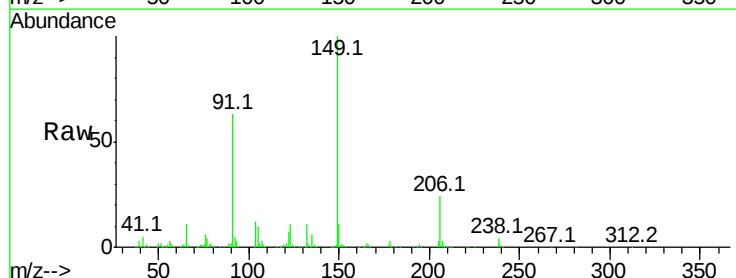
Tgt Ion:149 Resp: 743929

Ion Ratio Lower Upper

149 100

91 62.7 61.5 92.3

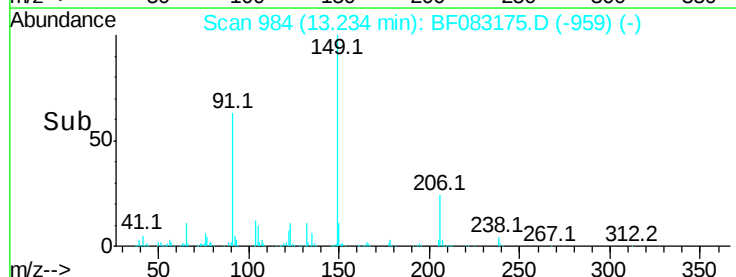
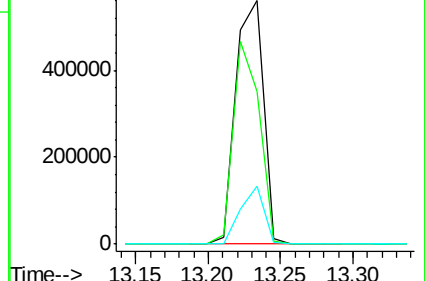
206 24.0 15.3 22.9#

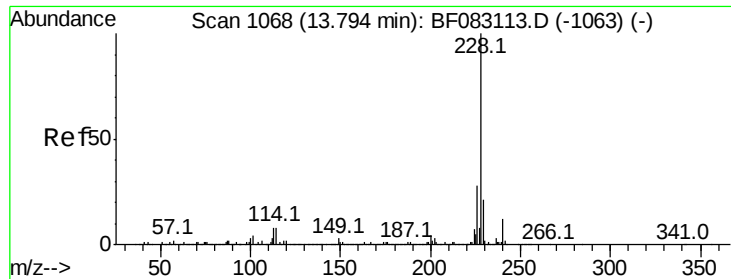


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

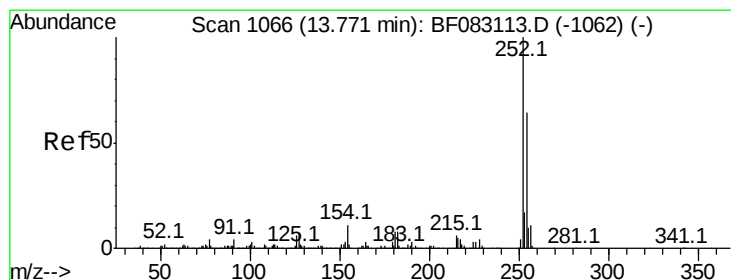
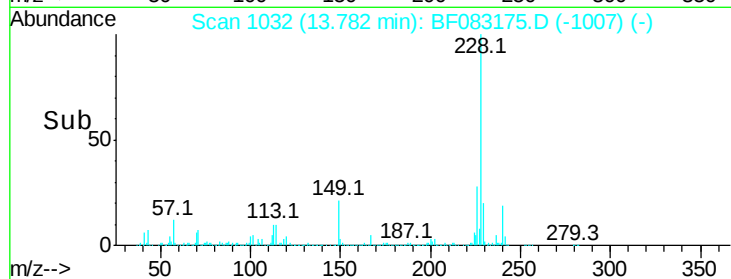
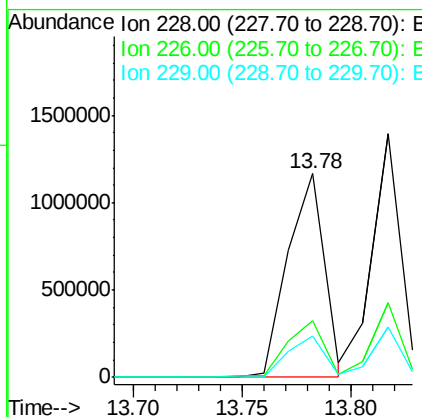
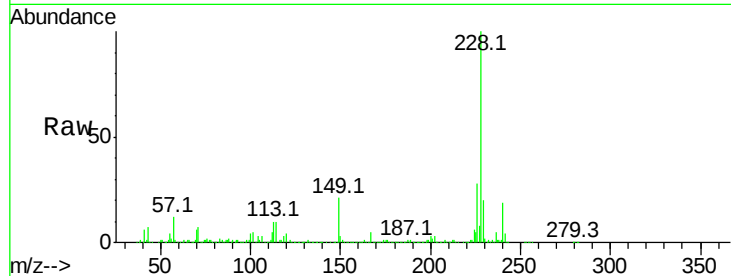




#80
Benzo(a)anthracene
Concen: 42.65 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

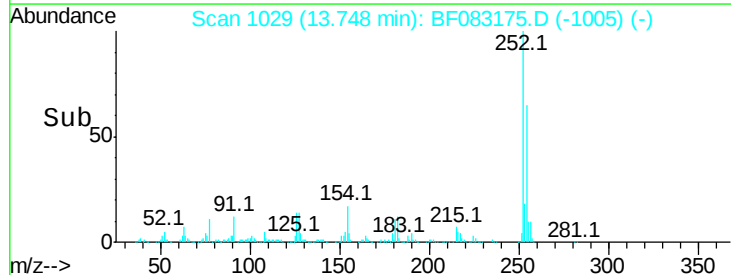
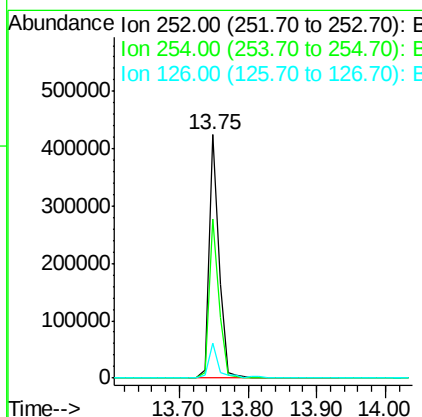
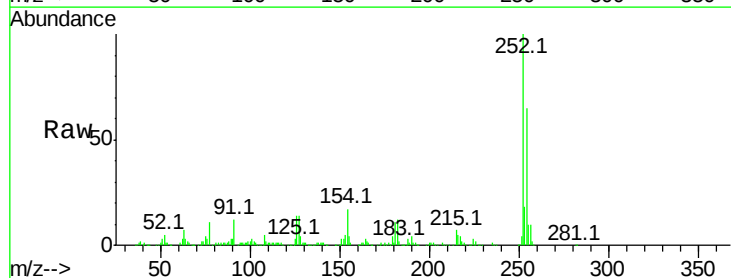
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

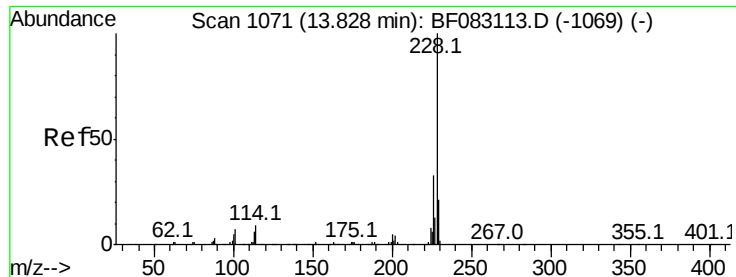
Tot Ion:228 Resp: 1369237
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.3 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 38.48 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:252 Resp: 429891
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 14.1 5.2 7.8#





#82

Chrysene

Concen: 43.43 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

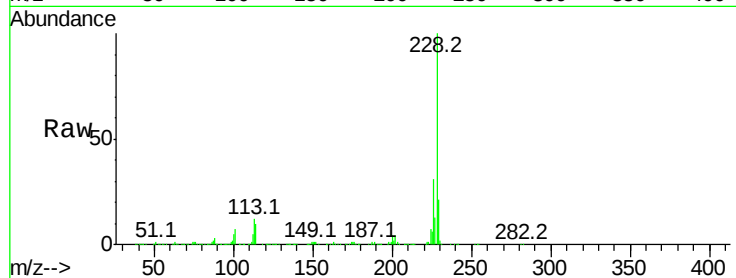
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1293031

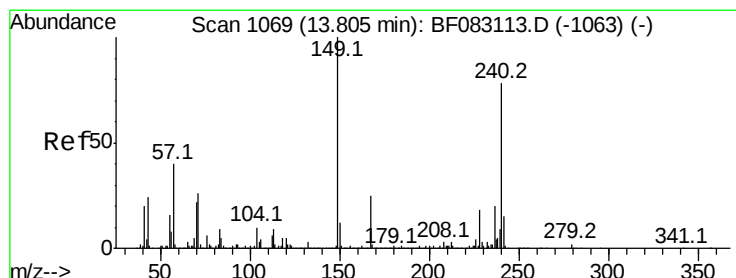
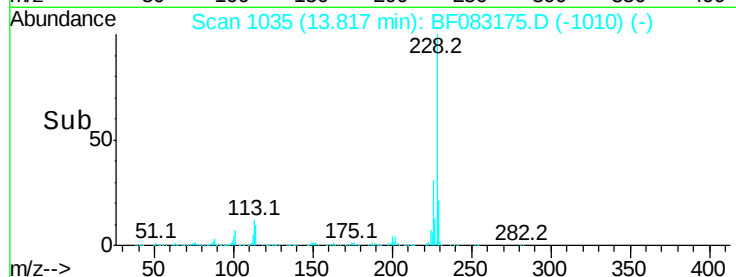
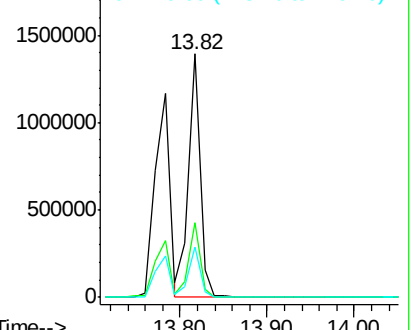
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.7	16.6	25.0



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: 46.54 ng

RT: 13.79 min Scan# 1033

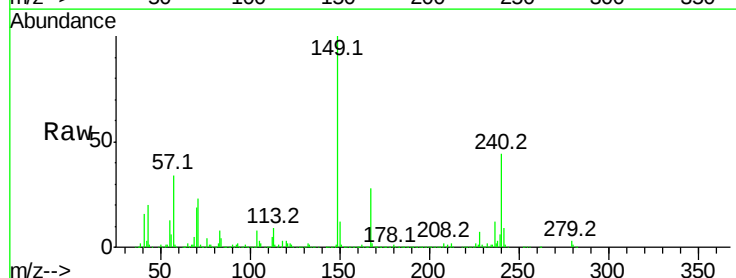
Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Tgt Ion:149 Resp: 1020097

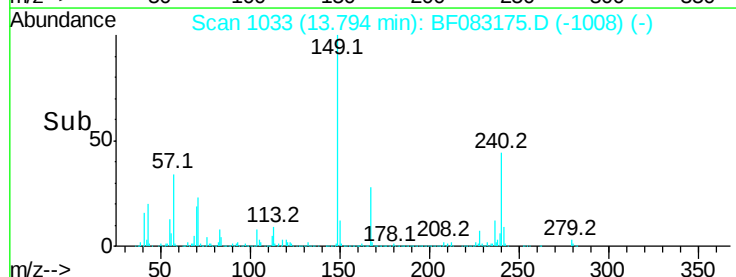
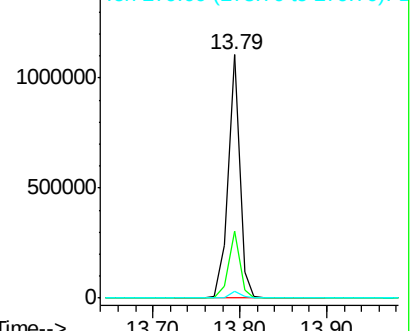
Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.1	30.1
279	2.9	1.7	2.5#

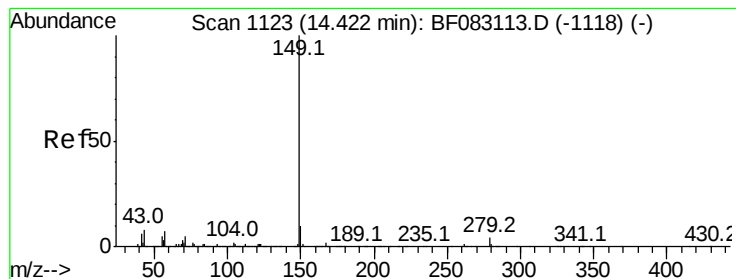


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.44 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

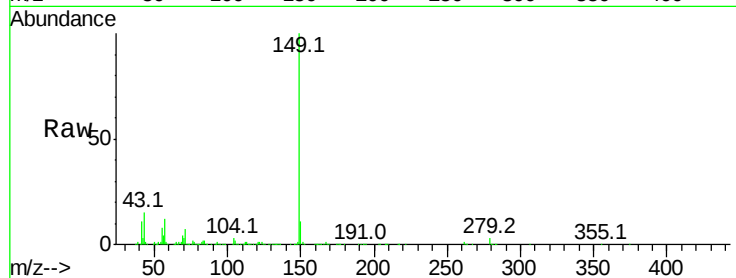
Tot Ion:149 Resp: 1639146

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

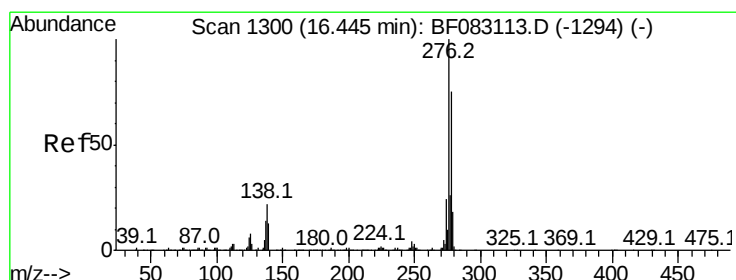
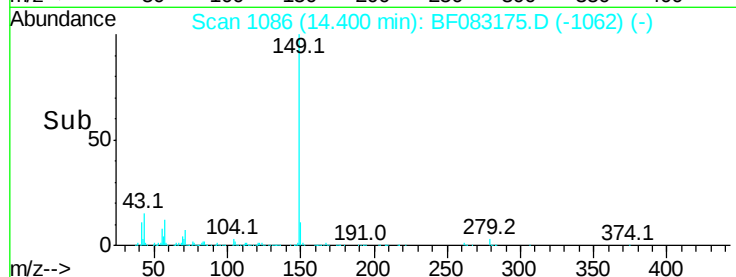
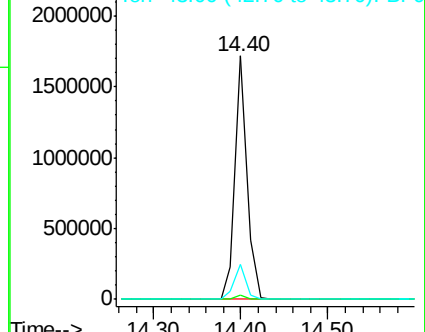
43 14.3 9.5 14.3#



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: 43.46 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

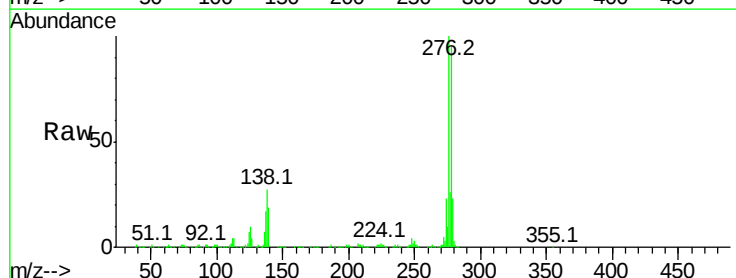
Tgt Ion:276 Resp: 1176675

Ion Ratio Lower Upper

276 100

138 25.8 18.0 27.0

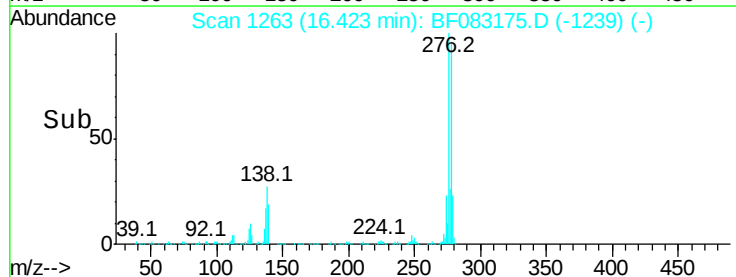
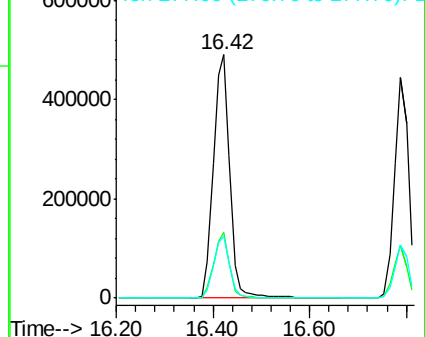
277 25.0 20.2 30.4

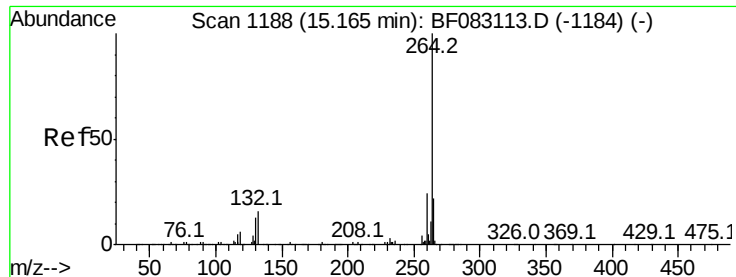


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

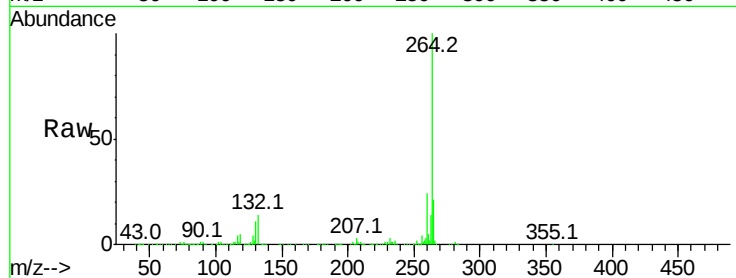
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 482584

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.3	18.2	27.4

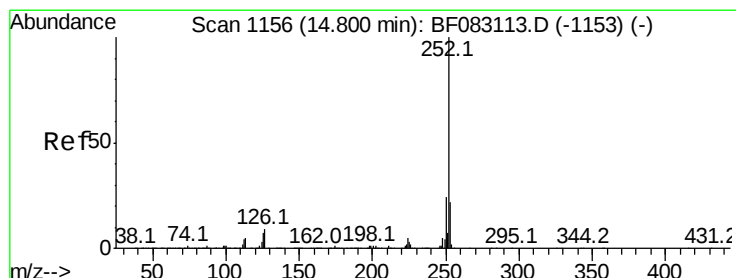
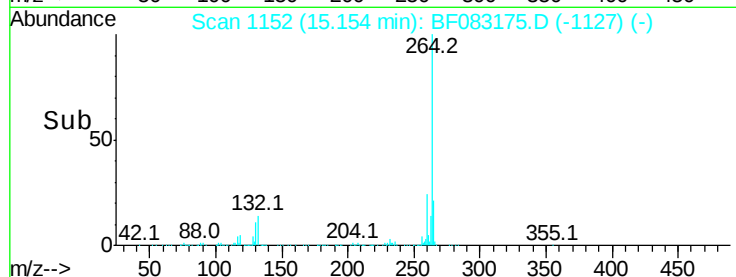
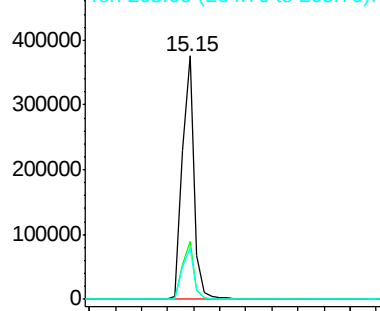


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 68.28 ng

RT: 14.81 min Scan# 1122

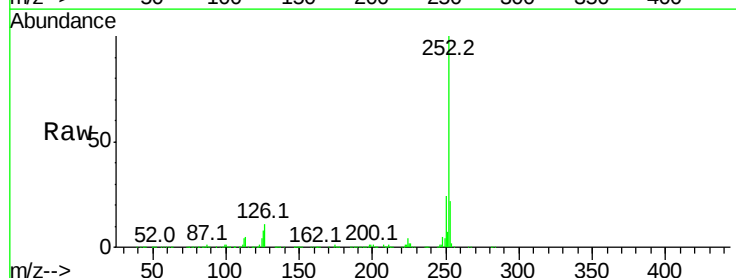
Delta R.T. 0.01 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Tgt Ion:252 Resp: 2251464

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.6	5.6	8.4

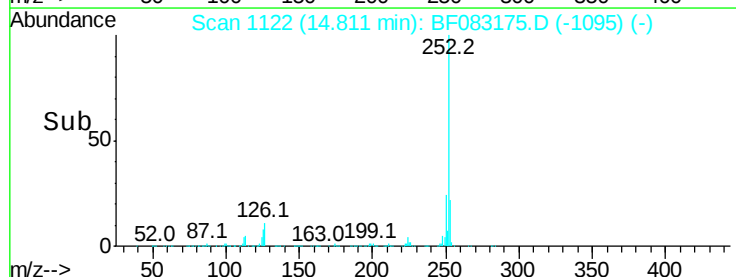
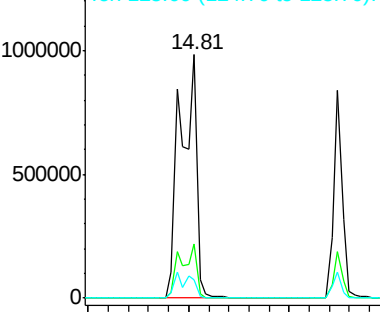


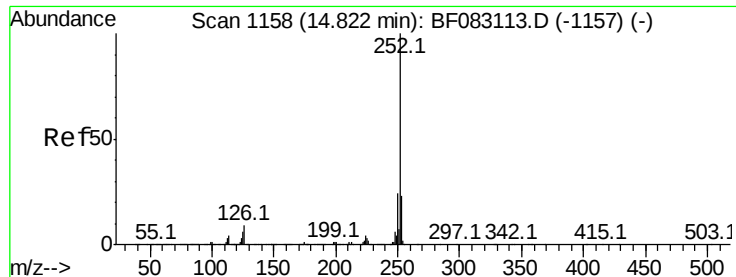
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

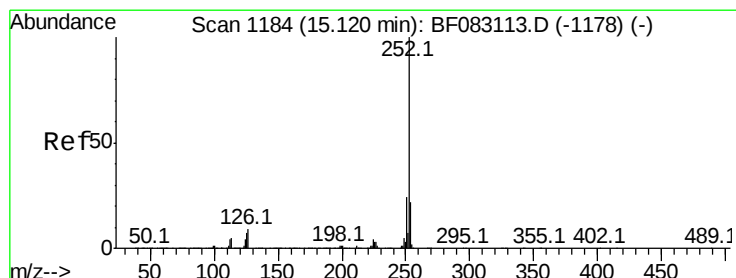
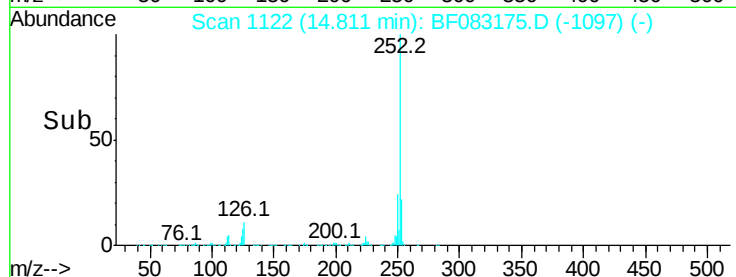
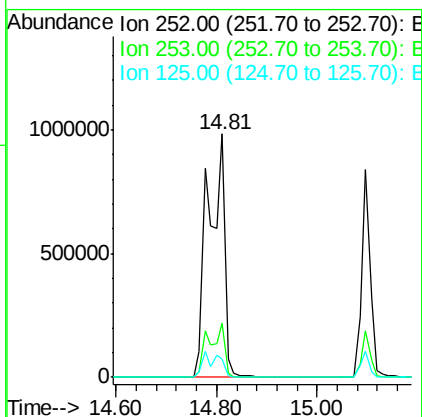
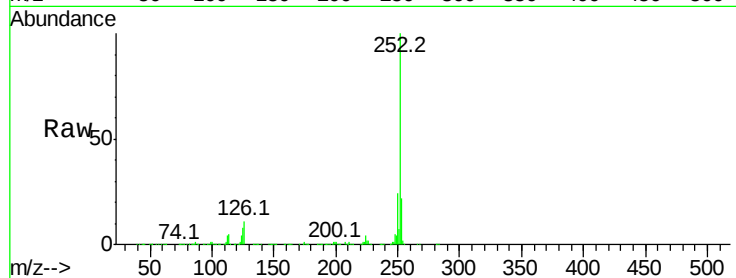




#88
Benzo(k)fluoranthene
Concen: 91.65 ng
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

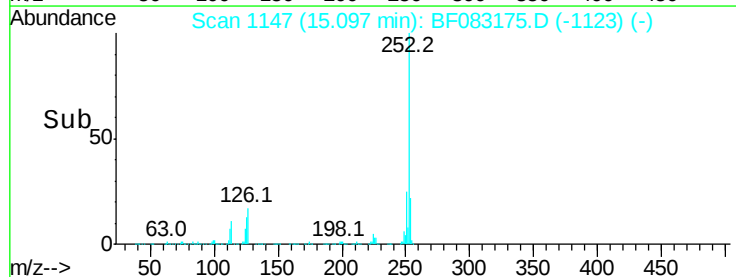
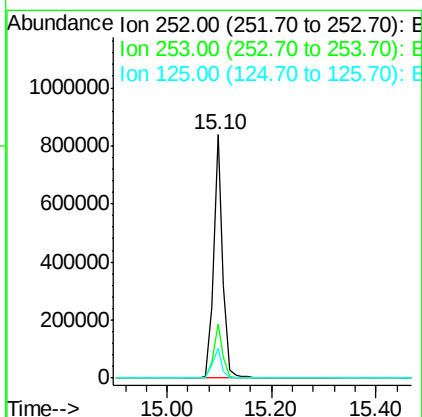
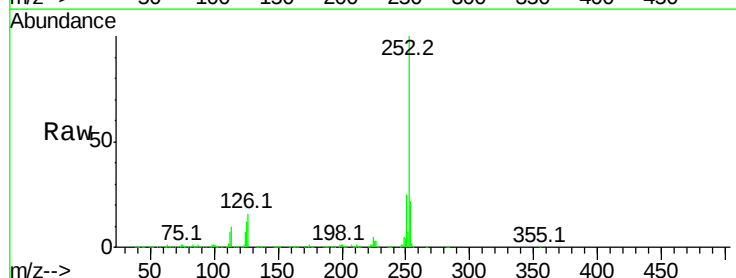
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

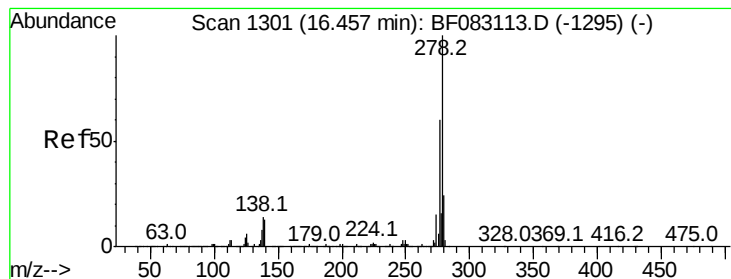
Tot Ion:252 Resp: 2251464
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 7.6 6.8 10.2



#89
Benzo(a)pyrene
Concen: 37.10 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083175.D
Acq: 22 Nov 2015 23:08

Tgt Ion:252 Resp: 1009932
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.3 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 39.76 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

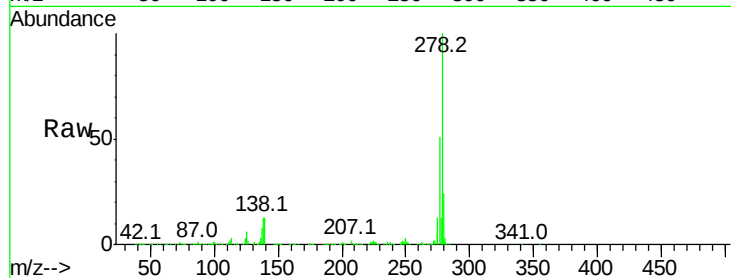
Tot Ion:278 Resp: 983135

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.7	16.1
279	23.9	19.3	28.9

278 100

139 13.0 10.7 16.1

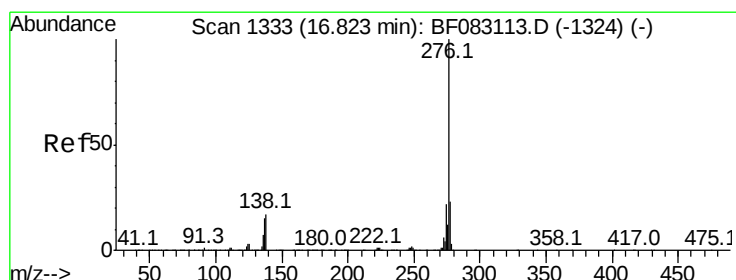
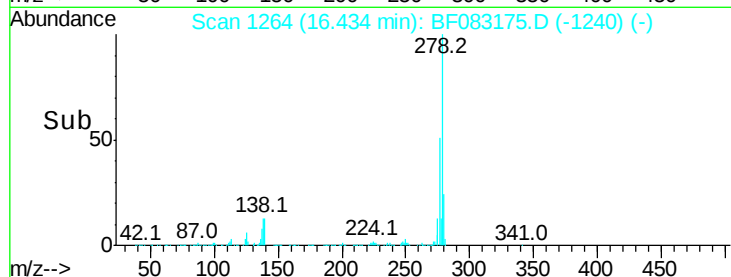
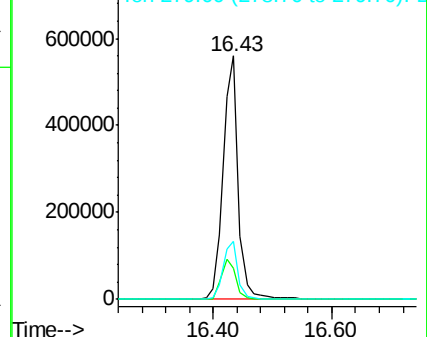
279 23.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.17 ng

RT: 16.79 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF083175.D

Acq: 22 Nov 2015 23:08

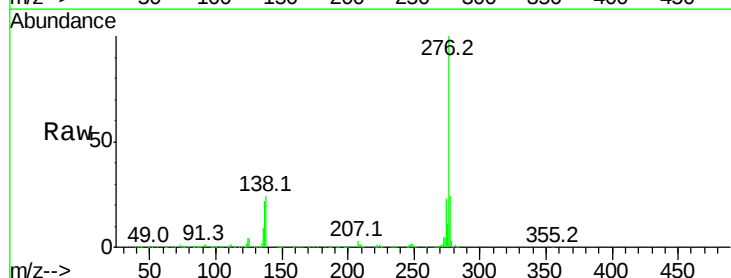
Tgt Ion:276 Resp: 945572

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	23.8	13.9	20.9

276 100

277 24.0 18.7 28.1

138 23.8 13.9 20.9



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

