

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077881.D
 Acq On : 21 Mar 2015 00:43
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 21 01:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	38475	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	156387	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	81529	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	155303	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	167102	20.00	ng	-0.02
86) Perylene-d12	17.70	264	163484	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	178076	80.79	ng	0.00
7) Phenol-d6	6.70	99	219458	80.58	ng	0.00
23) Nitrobenzene-d5	7.82	82	200135	83.89	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	57022	73.10	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	428513	77.24	ng	0.00
78) Terphenyl-d14	14.71	244	519664	75.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.00	88	39237	39.21	ng	# 100
3) Pyridine	2.67	79	114591	42.62	ng	93
4) n-Nitrosodimethylamine	2.61	42	43497	37.15	ng	# 99
6) Aniline	6.72	93	155497	39.92	ng	# 57
8) 2-Chlorophenol	6.85	128	102644	39.12	ng	95
9) Benzaldehyde	6.57	77	48409	43.39	ng	96
10) Phenol	6.72	94	129843	40.33	ng	87
11) bis(2-Chloroethyl)ether	6.82	93	98331	40.78	ng	96
12) 1,3-Dichlorobenzene	7.05	146	115179	39.47	ng	99
13) 1,4-Dichlorobenzene	7.15	146	118011	38.92	ng	99
14) 1,2-Dichlorobenzene	7.33	146	109383	39.35	ng	100
15) Benzyl Alcohol	7.31	79	80553	37.89	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.49	45	130454	40.15	ng	100
17) 2-Methylphenol	7.47	107	83012	38.86	ng	98
18) Hexachloroethane	7.74	117	41052	41.28	ng	96
19) n-Nitroso-di-n-propylamine	7.65	70	71984	38.21	ng	# 90
20) 3+4-Methylphenols	7.66	107	113501	40.50	ng	99
22) Acetophenone	7.64	105	140742	40.65	ng	# 91
24) Nitrobenzene	7.85	77	105442	41.02	ng	# 83
25) Isophorone	8.14	82	193356	40.13	ng	97
26) 2-Nitrophenol	8.24	139	51315	40.78	ng	91
27) 2,4-Dimethylphenol	8.30	122	86079	37.55	ng	93
28) bis(2-Chloroethoxy)methane	8.43	93	119942	41.01	ng	98
29) 2,4-Dichlorophenol	8.54	162	84061	38.47	ng	94
30) 1,2,4-Trichlorobenzene	8.64	180	98840	40.43	ng	98
31) Naphthalene	8.73	128	324278	40.37	ng	99
32) Benzoic acid	8.42	122	42611	34.27	ng	98
33) 4-Chloroaniline	8.81	127	131567	40.36	ng	# 94
34) Hexachlorobutadiene	8.89	225	56279	40.61	ng	97
35) Caprolactam	9.23	113	26389	41.32	ng	96
36) 4-Chloro-3-methylphenol	9.42	107	89352	40.64	ng	94
37) 2-Methylnaphthalene	9.58	142	211977	39.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	90447	37.19	ng	# 100
40) Hexachlorocyclopentadiene	9.78	237	41361	35.80	ng	98

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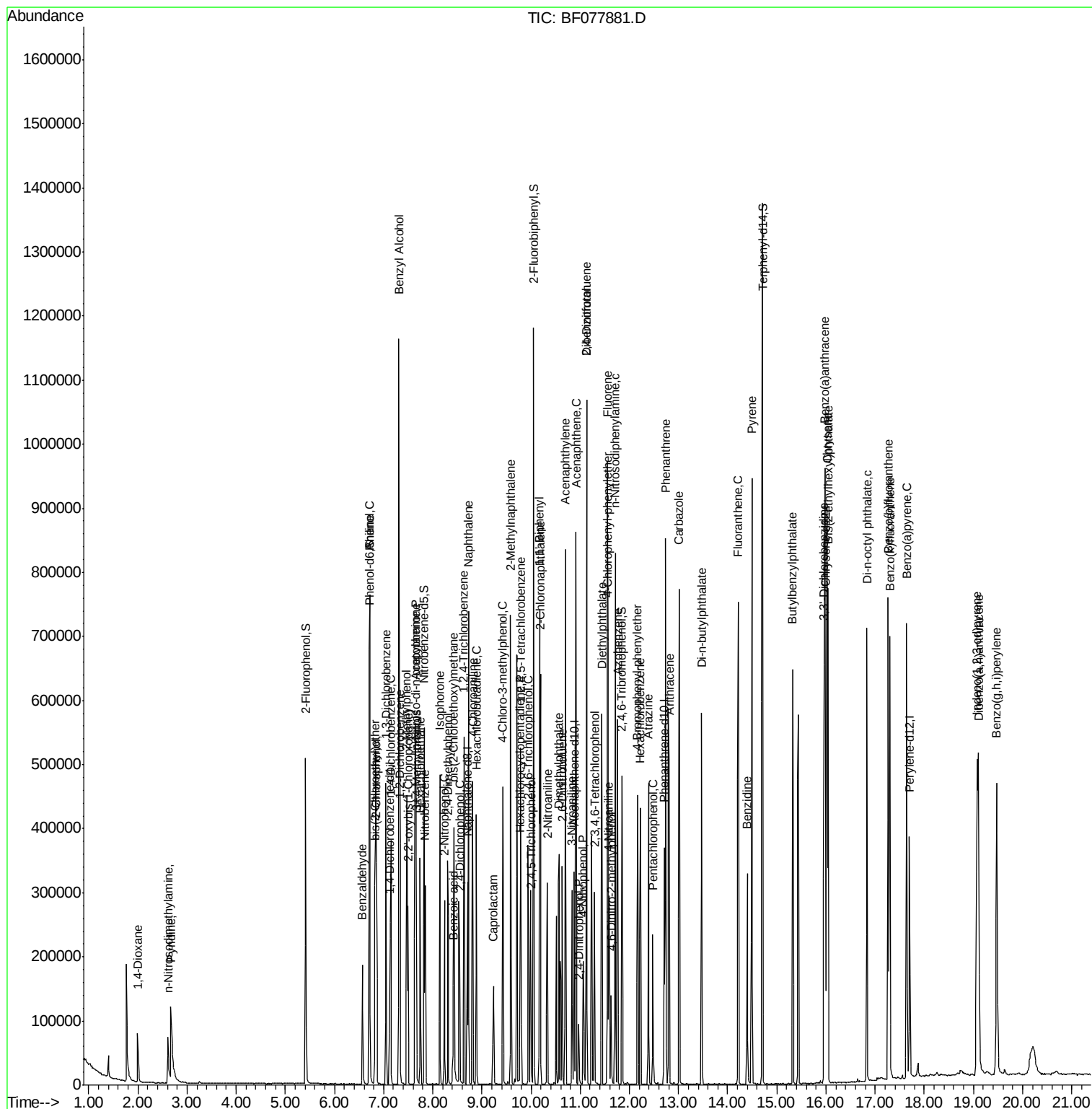
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42) 2,4,6-Trichlorophenol	9.94	196	62056	36.84	nq	98
43) 2,4,5-Trichlorophenol	10.00	196	67106	36.88	nq	97
45) 1,1'-Biphenyl	10.17	154	241566	37.07	nq	98
46) 2-Chloronaphthalene	10.19	162	204169	38.55	nq	96
47) 2-Nitroaniline	10.33	65	52589	39.98	nq	89
48) Acenaphthylene	10.69	152	335005	38.04	nq	100
49) Dimethylphthalate	10.57	163	227262	37.58	nq	98
50) 2,6-Dinitrotoluene	10.64	165	51575	41.15	nq	# 85
51) Acenaphthene	10.91	154	191390	37.90	nq	99
52) 3-Nitroaniline	10.83	138	56461	38.79	nq	# 76
53) 2,4-Dinitrophenol	10.97	184	13063	33.57	nq	91
54) Dibenzofuran	11.13	168	285640	38.14	nq	96
55) 4-Nitrophenol	11.06	139	39526	36.65	nq	# 75
56) 2,4-Dinitrotoluene	11.13	165	67930	41.56	nq	87
57) Fluorene	11.55	166	241286	38.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.29	232	53982	38.53	nq	# 100
59) Diethylphthalate	11.44	149	223185	37.88	nq	96
60) 4-Chlorophenyl-phenylether	11.56	204	104894	36.96	nq	94
61) 4-Nitroaniline	11.59	138	57334	39.52	nq	76
62) Azobenzene	11.76	77	215757	38.32	nq	95
64) 4,6-Dinitro-2-methylphenol	11.63	198	26470	37.16	nq	75
65) n-Nitrosodiphenylamine	11.71	169	204734	39.59	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	63861	38.53	nq	# 93
67) Hexachlorobenzene	12.23	284	70351	38.63	nq	99
68) Atrazine	12.39	200	55034	37.98	nq	96
69) Pentachlorophenol	12.48	266	30745	34.07	nq	98
70) Phenanthrene	12.74	178	360865	40.48	nq	100
71) Anthracene	12.81	178	354818	40.28	nq	99
72) Carbazole	13.01	167	347221	41.44	nq	99
73) Di-n-butylphthalate	13.47	149	384094	40.88	nq	99
74) Fluoranthene	14.21	202	401993	40.88	nq	100
76) Benzidine	14.40	184	141510	34.16	nq	97
77) Pyrene	14.49	202	410071	39.03	nq	100
79) Butylbenzylphthalate	15.32	149	159336	38.46	nq	# 85
80) Benzo(a)anthracene	15.97	228	393797	39.76	nq	99
81) 3,3'-Dichlorobenzidine	15.96	252	129508	39.64	nq	# 98
82) Chrysene	16.02	228	364853	40.96	nq	100
83) Bis(2-ethylhexyl)phthalate	16.04	149	238855	38.06	nq	# 96
84) Di-n-octyl phthalate	16.83	149	406200	37.86	nq	99
85) Indeno(1,2,3-cd)pyrene	19.07	276	439655	39.55	nq	# 100
87) Benzo(b)fluoranthene	17.27	252	370667	34.73	nq	# 96
88) Benzo(k)fluoranthene	17.30	252	386904m	46.41	nq	
89) Benzo(a)pyrene	17.64	252	363702	40.84	nq	99
90) Dibenzo(a,h)anthracene	19.11	278	356356	40.35	nq	99
91) Benzo(g,h,i)perylene	19.47	276	362516	40.32	nq	95

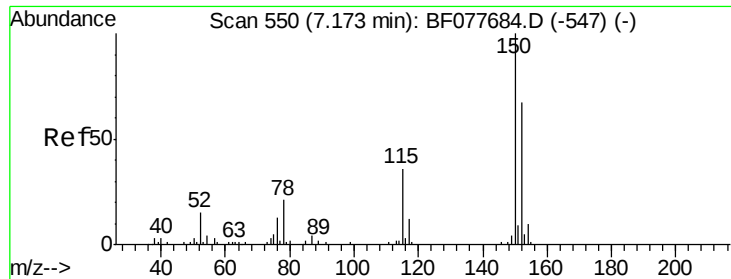
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2      Sample Multiplier: 1
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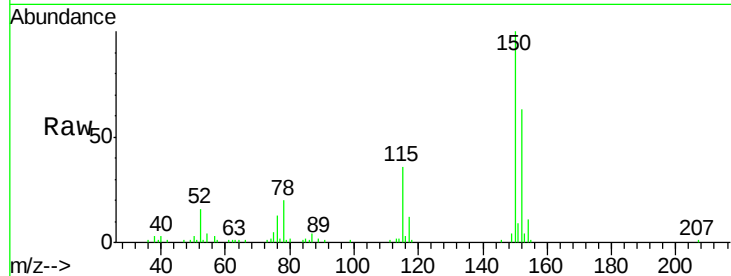


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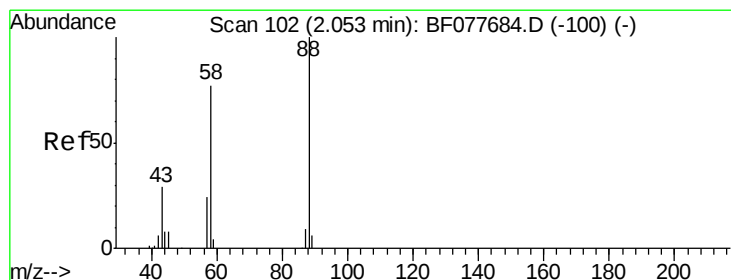
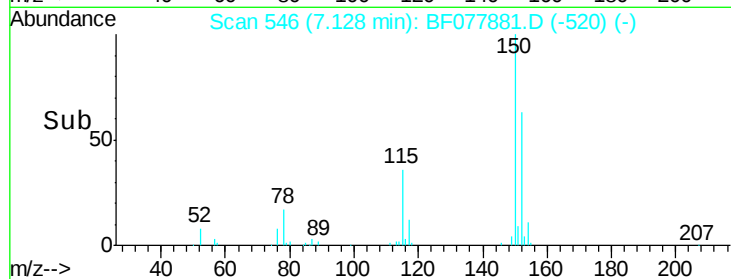
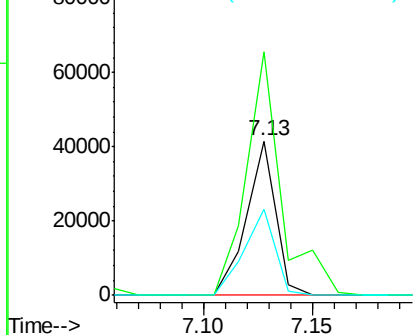
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 38475
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 56.1 43.0 64.4



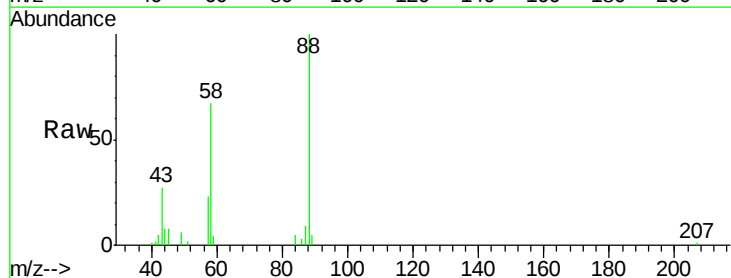
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



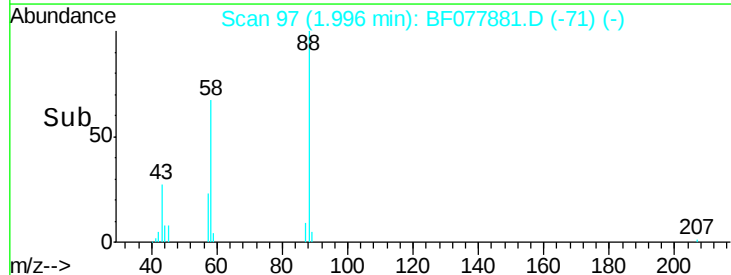
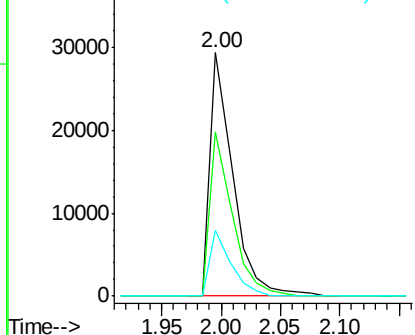
#2

1,4-Dioxane
Concen: 39.21 ng
RT: 2.00 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion: 88 Resp: 39237
Ion Ratio Lower Upper
88 100
58 66.1 0.0 0.0#
43 25.3 0.0 0.0#



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

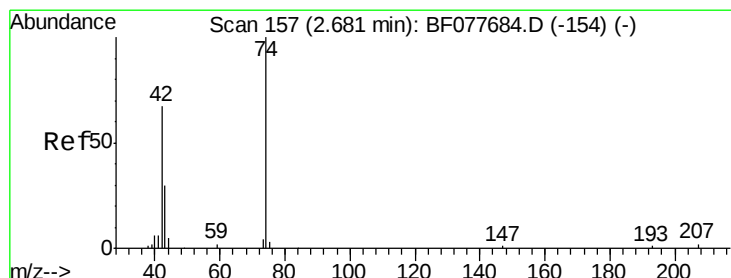
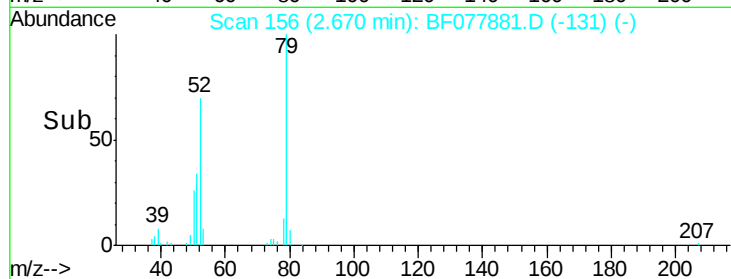
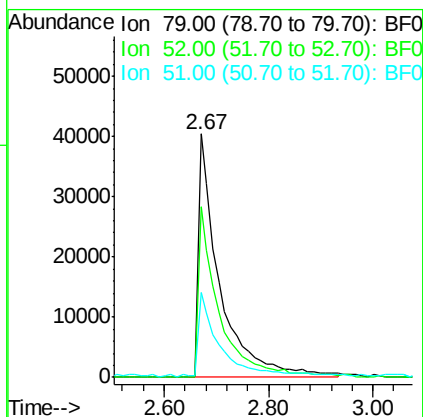
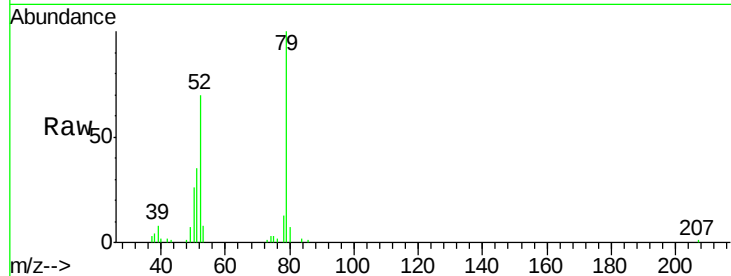




#3
 Pvridine
 Concen: 42.62 ng
 RT: 2.67 min Scan# 156
 Delta R.T. -0.01 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

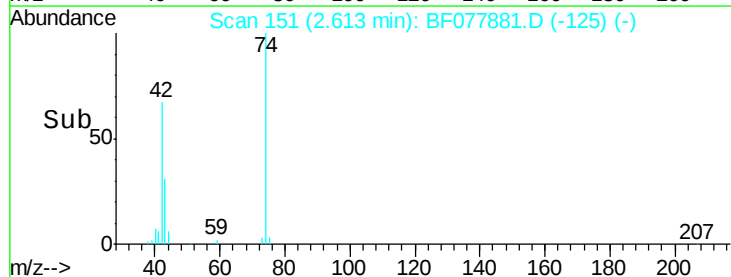
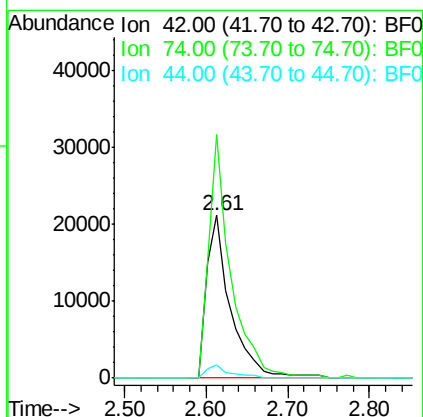
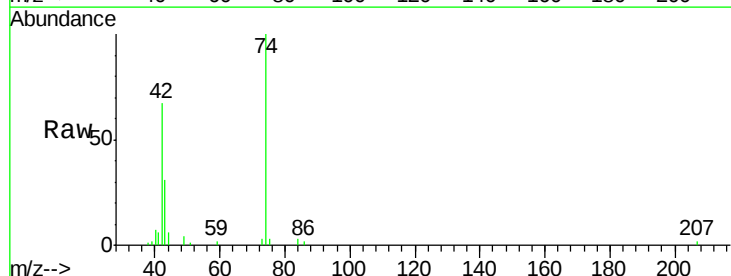
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

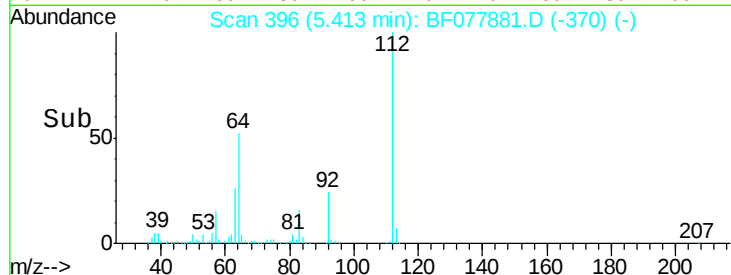
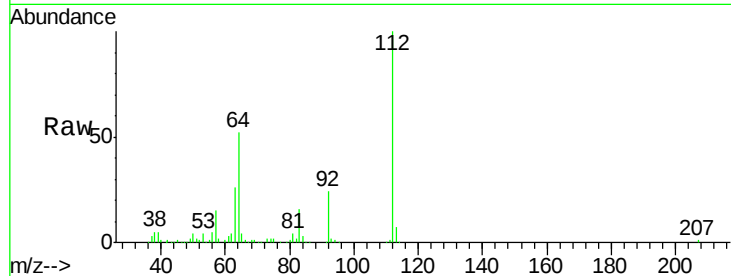
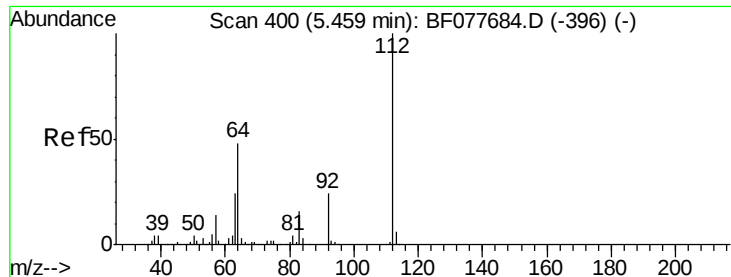
Tot Ion: 79 Resp: 114591
 Ion Ratio Lower Upper
 79 100
 52 70.1 51.1 76.7
 51 35.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 37.15 ng
 RT: 2.61 min Scan# 151
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion: 42 Resp: 43497
 Ion Ratio Lower Upper
 42 100
 74 149.8 119.3 178.9
 44 8.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 80.79 ng

RT: 5.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 178076

Ion Ratio Lower Upper

112 100

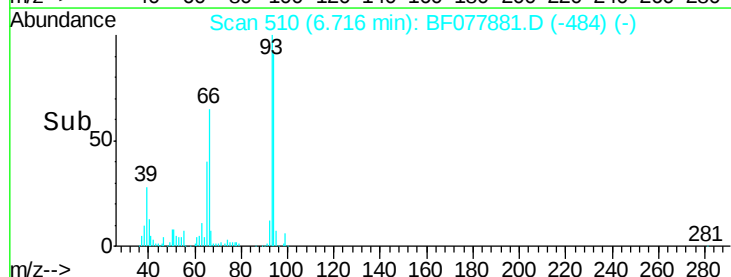
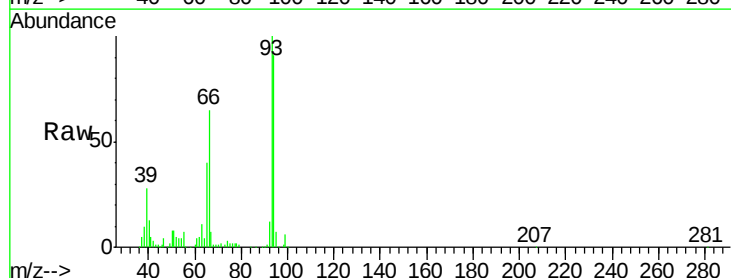
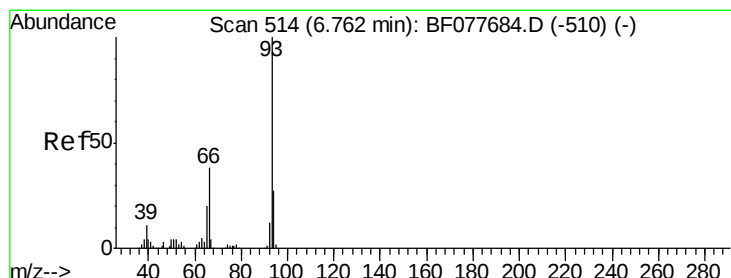
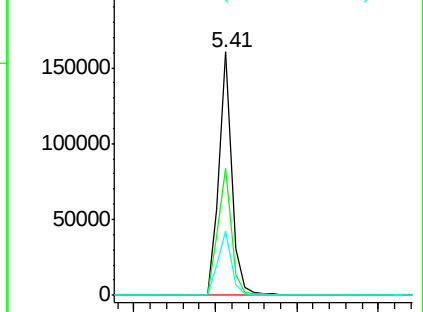
64 52.3 38.6 57.8

63 26.4 19.3 28.9

Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.92 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Tgt Ion: 93 Resp: 155497

Ion Ratio Lower Upper

93 100

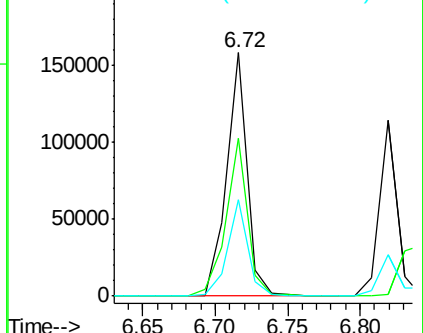
66 65.1 30.8 46.2#

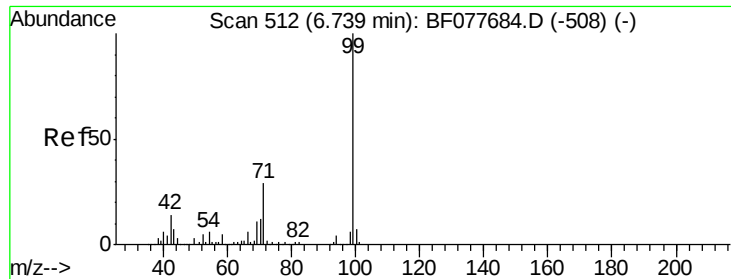
65 39.7 16.0 24.0#

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: 80.58 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

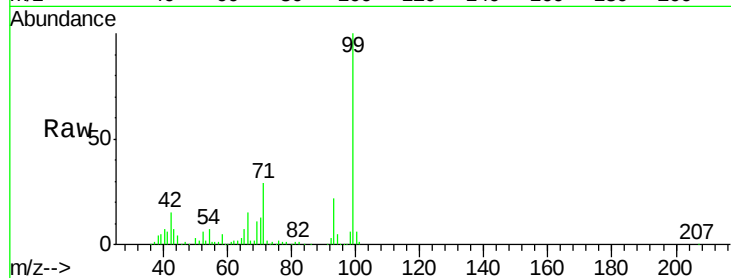
Tot Ion: 99 Resp: 219458

Ion Ratio Lower Upper

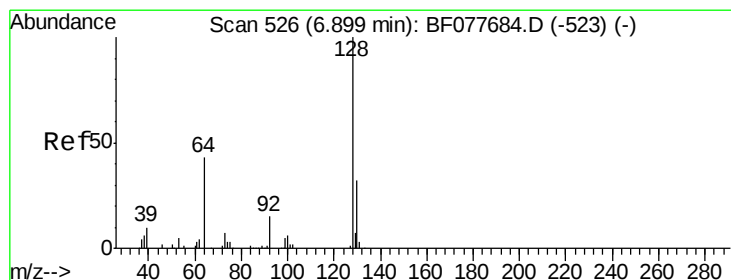
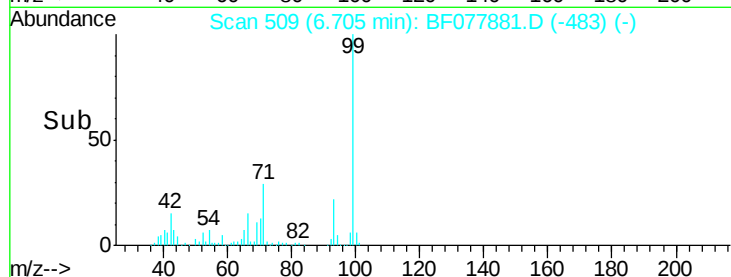
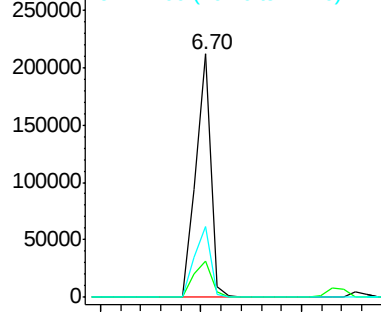
99 100

42 14.8 11.0 16.4

71 29.2 23.4 35.2



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: 39.12 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

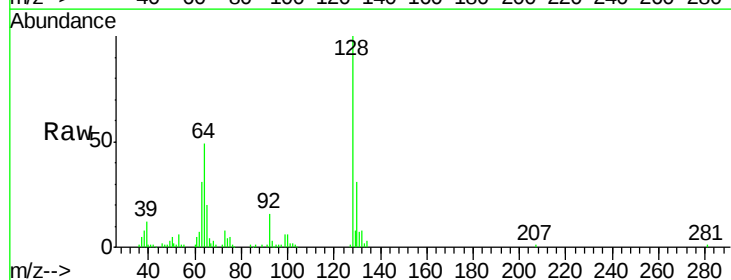
Tgt Ion: 128 Resp: 102644

Ion Ratio Lower Upper

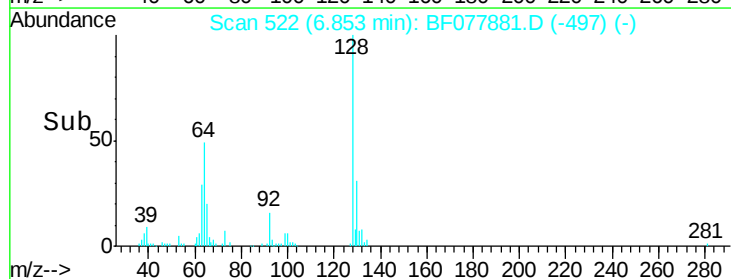
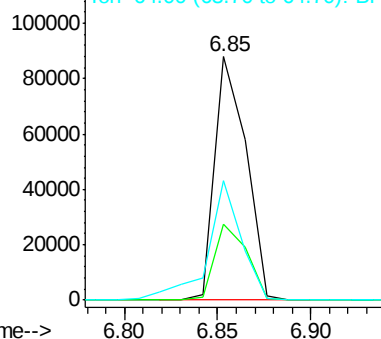
128 100

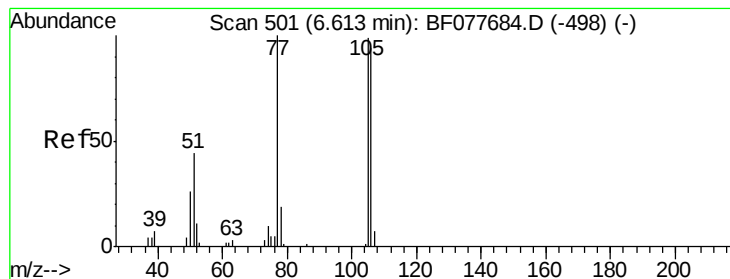
130 31.0 12.0 52.0

64 49.3 24.9 64.9



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): BF0





#9

Benzaldehyde

Concen: 43.39 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

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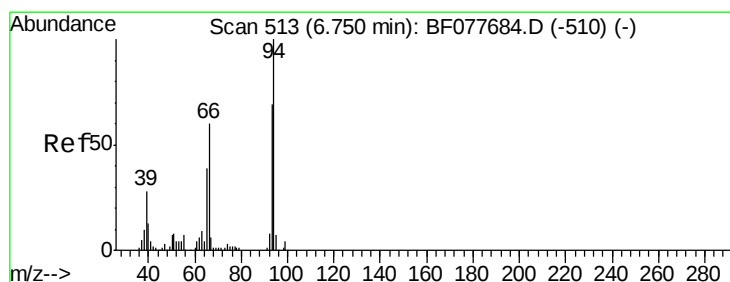
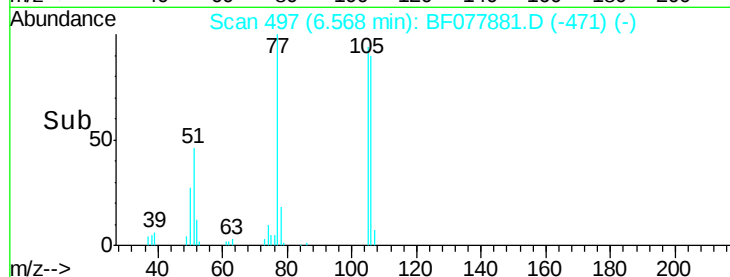
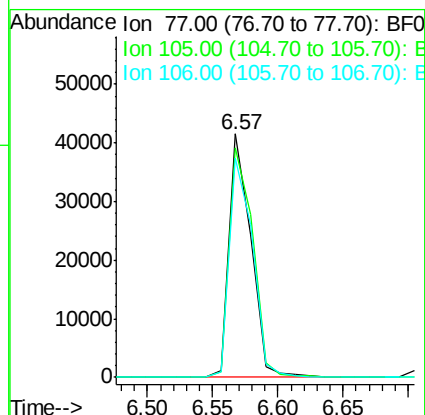
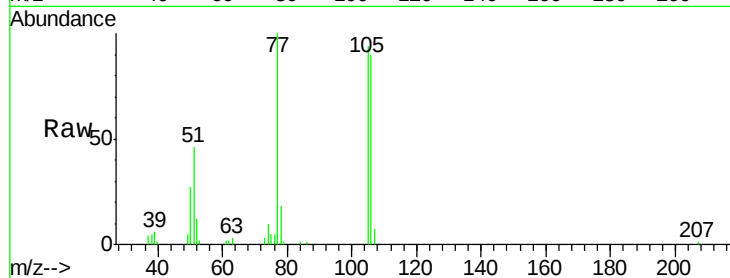
Tot Ion: 77 Resp: 48409

Ion Ratio Lower Upper

77 100

105 94.4 78.8 118.8

106 90.1 73.7 113.7



#10

Phenol

Concen: 40.33 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

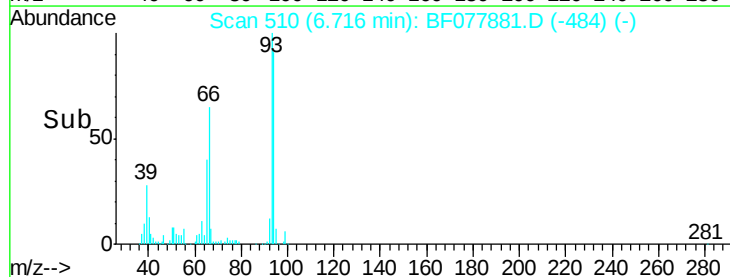
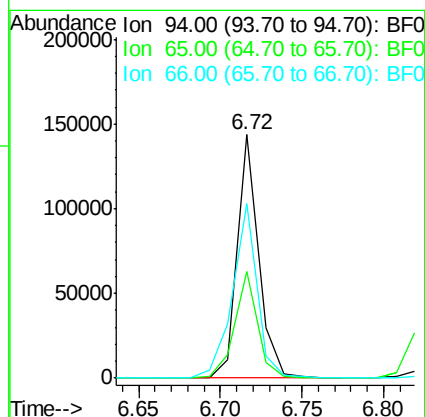
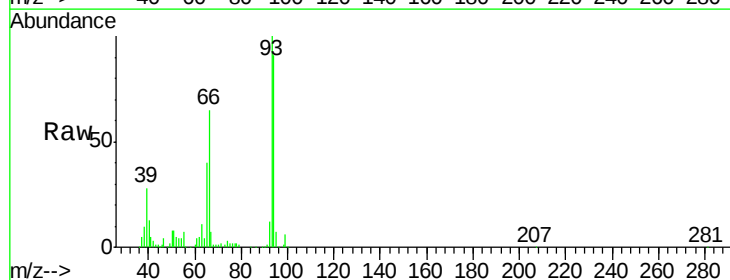
Tgt Ion: 94 Resp: 129843

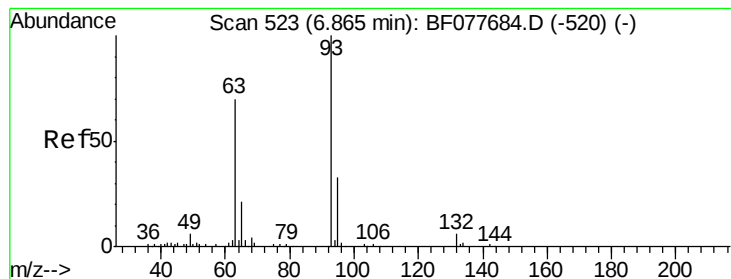
Ion Ratio Lower Upper

94 100

65 43.8 18.8 58.8

66 71.6 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.78 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

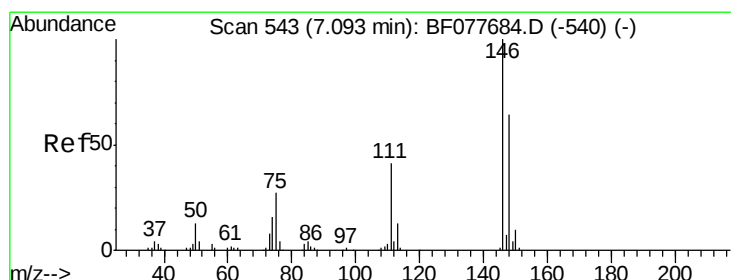
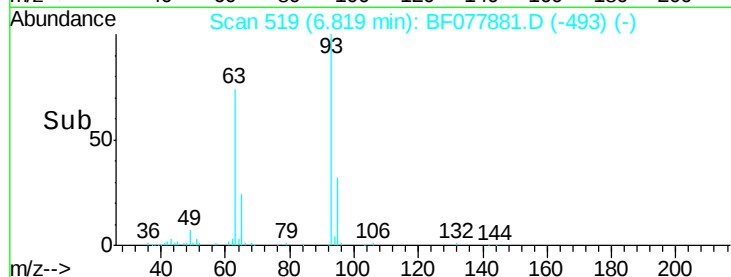
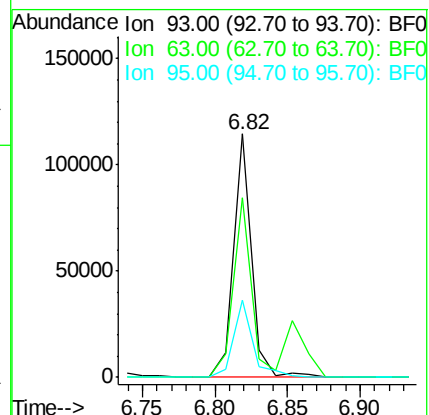
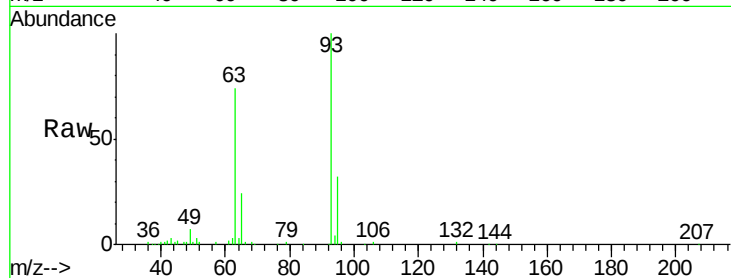
Tot Ion: 93 Resp: 98331

Ion Ratio Lower Upper

93 100

63 73.8 49.5 89.5

95 31.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.47 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

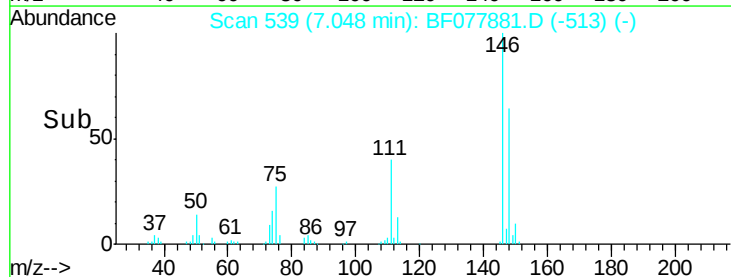
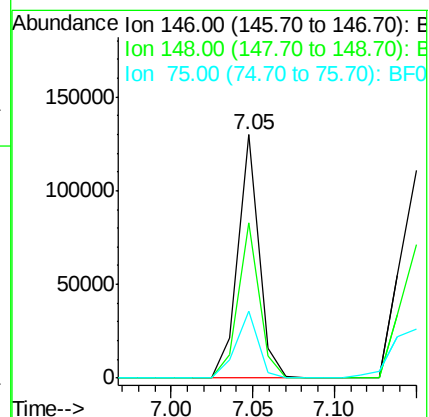
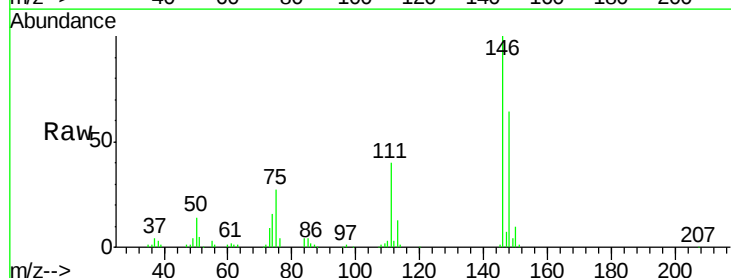
Tgt Ion: 146 Resp: 115179

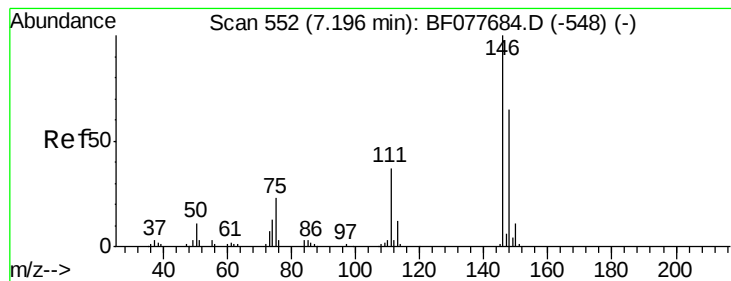
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 27.4 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 38.92 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

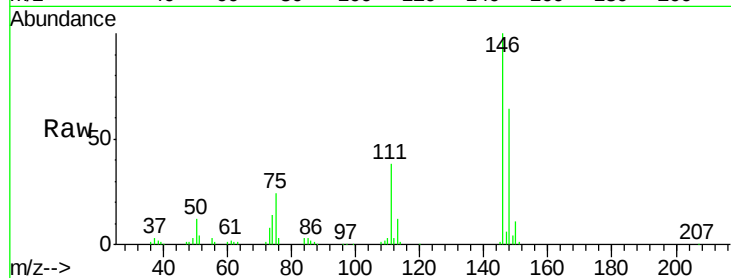
Tot Ion:146 Resp: 118011

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

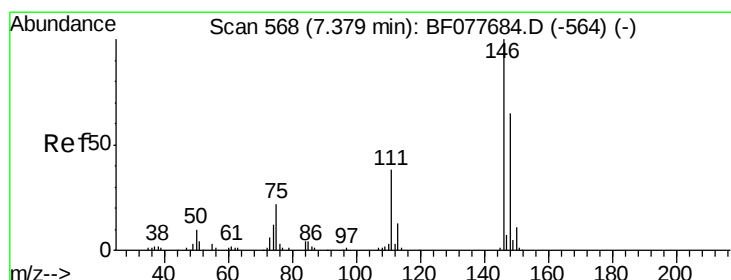
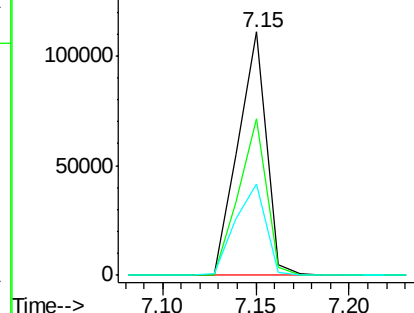
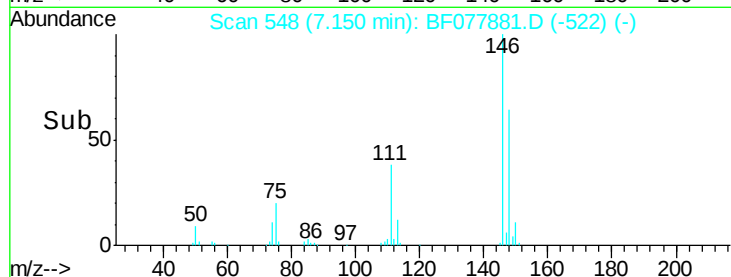
111 37.6 29.2 43.8



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



#14

1,2-Dichlorobenzene

Concen: 39.35 ng

RT: 7.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

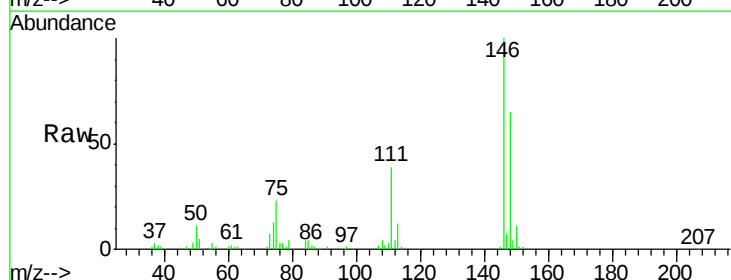
Tgt Ion:146 Resp: 109383

Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

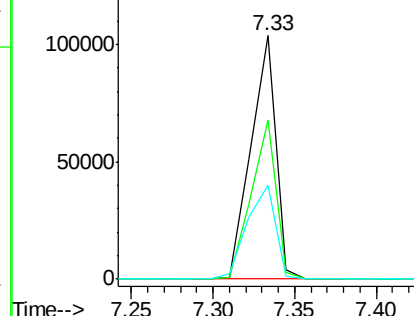
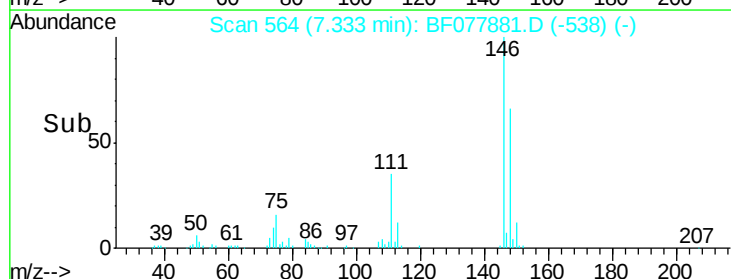
111 38.7 30.6 45.8

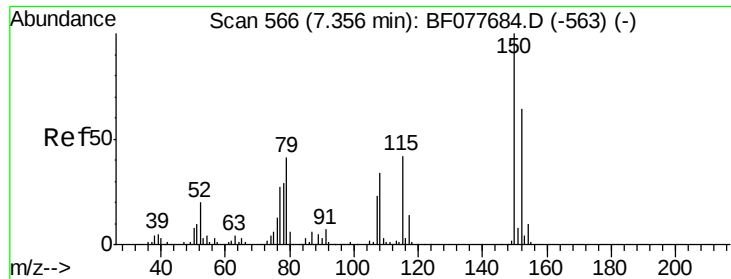


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.89 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

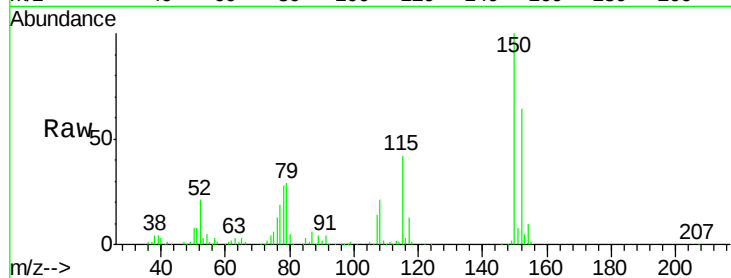
Tot Ion: 79 Resp: 80553

Ion Ratio Lower Upper

79 100

108 71.2 65.0 97.4

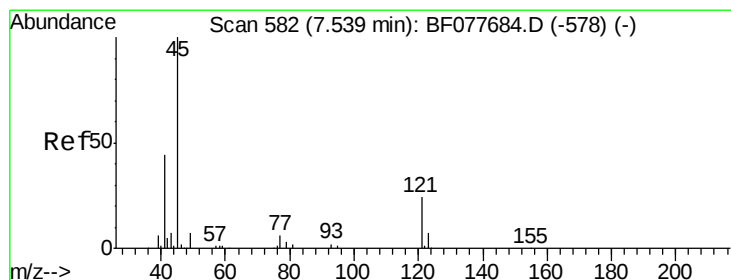
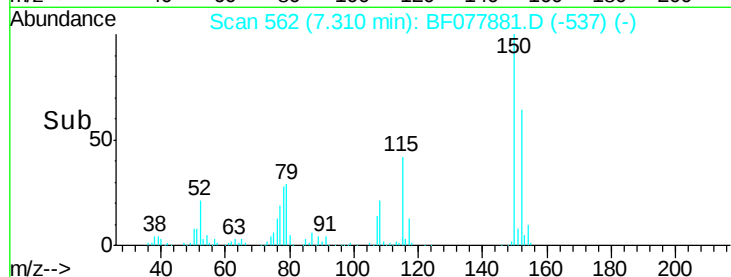
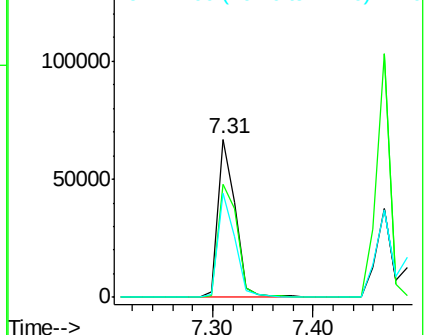
77 66.0 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.15 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

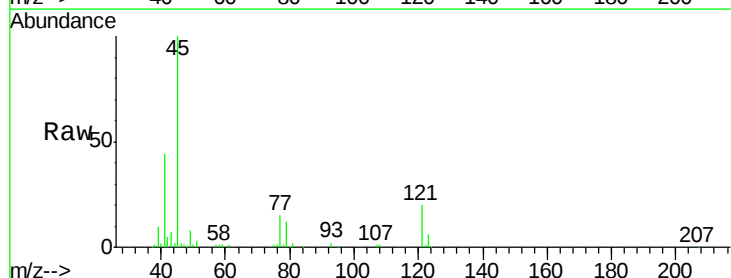
Tgt Ion: 45 Resp: 130454

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

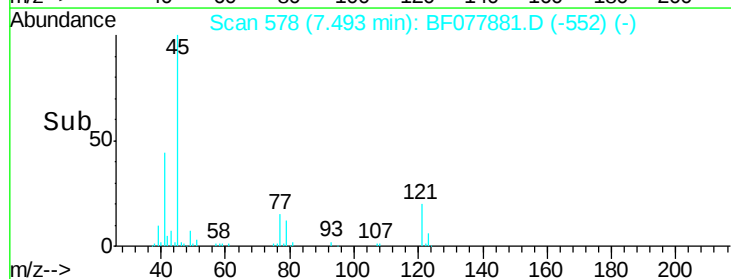
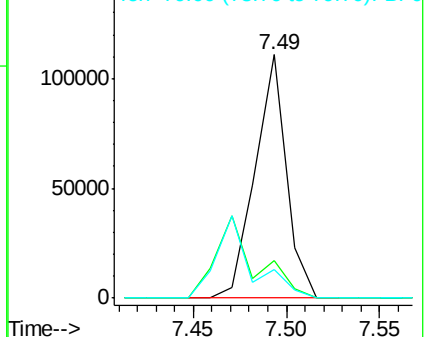
79 11.6 0.0 32.0

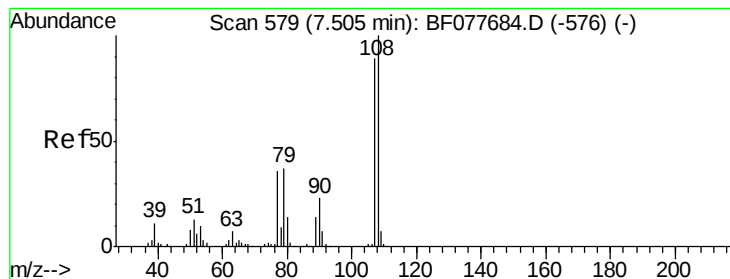


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.86 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 83012

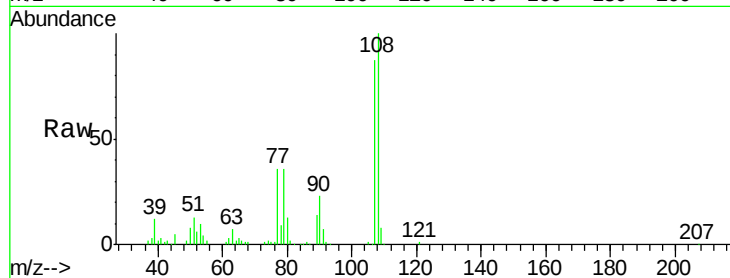
Ion Ratio Lower Upper

107 100

108 114.5 89.8 134.8

77 41.4 32.6 48.8

79 41.5 32.8 49.2

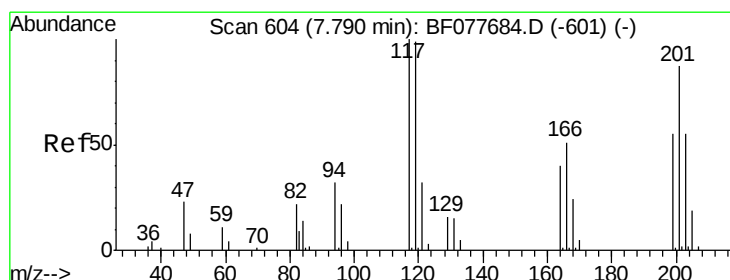
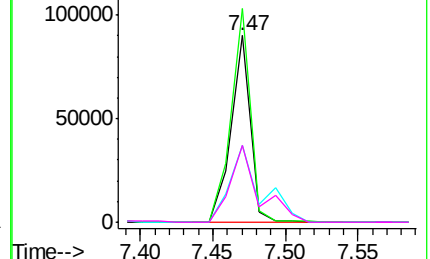
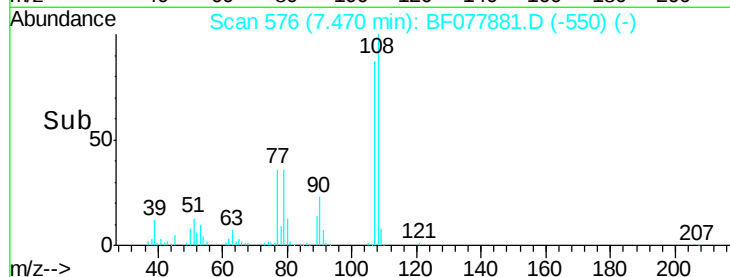


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.28 ng

RT: 7.74 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

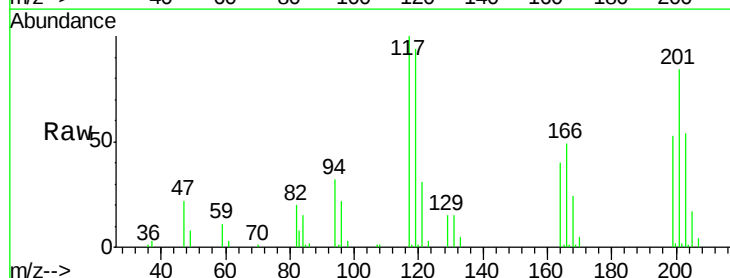
Tgt Ion:117 Resp: 41052

Ion Ratio Lower Upper

117 100

119 93.9 79.2 118.8

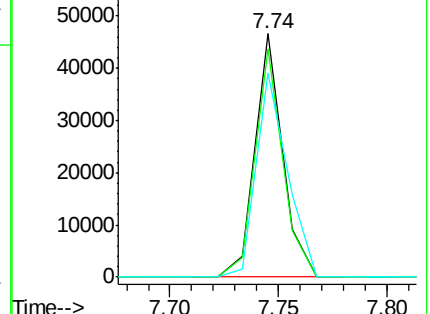
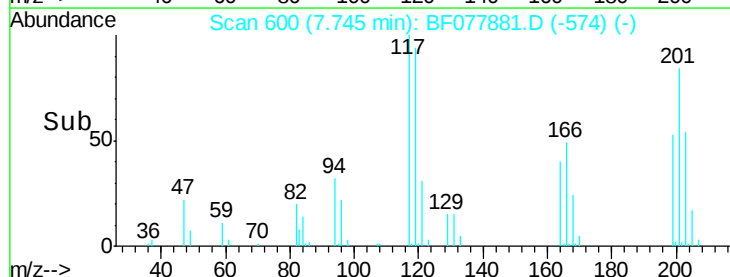
201 83.7 69.8 104.6

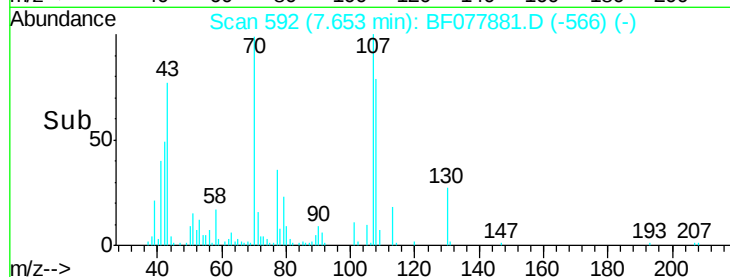
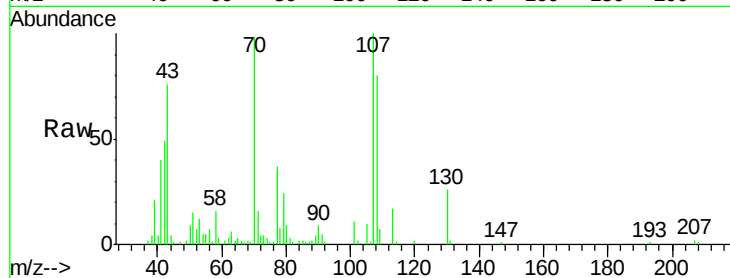
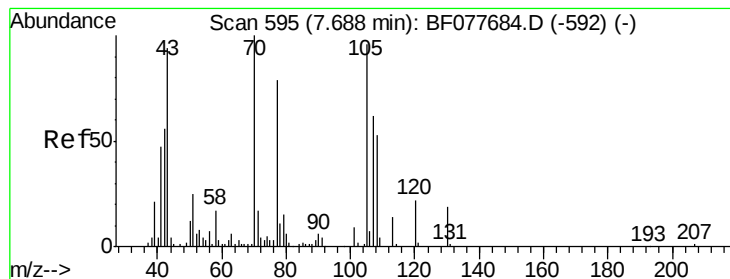


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.21 ng

RT: 7.65 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 71984

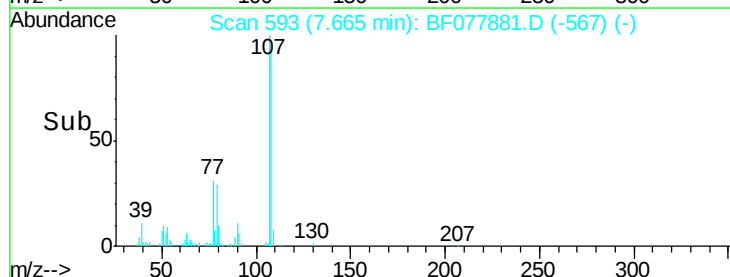
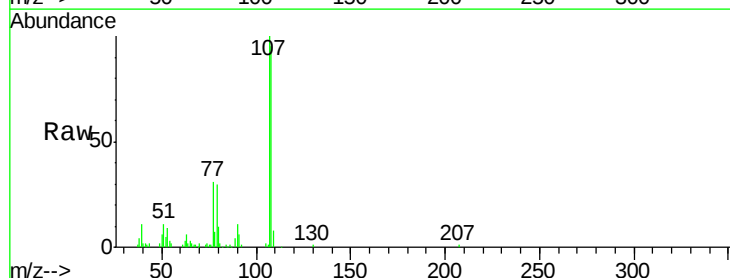
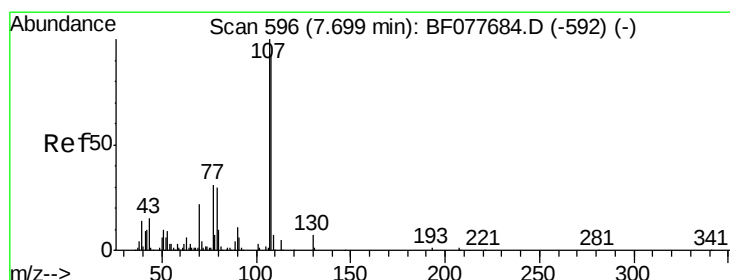
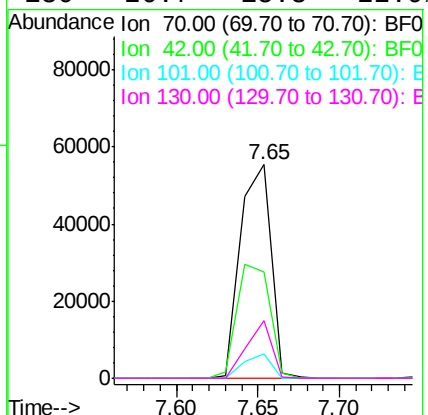
Ion Ratio Lower Upper

70 100

42 49.5 44.5 66.7

101 11.4 7.4 11.2#

130 26.7 15.3 22.9#



#20

3+4-Methylphenols

Concen: 40.50 ng

RT: 7.66 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Tgt Ion:107 Resp: 113501

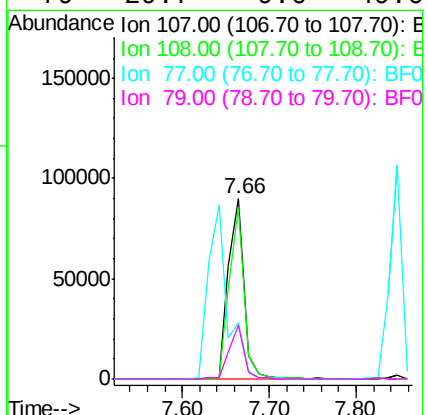
Ion Ratio Lower Upper

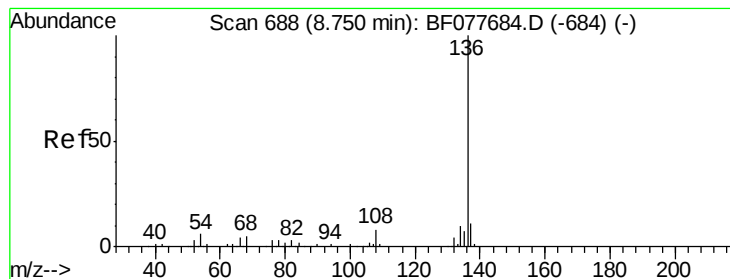
107 100

108 95.1 73.2 113.2

77 31.0 10.7 50.7

79 29.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 156387

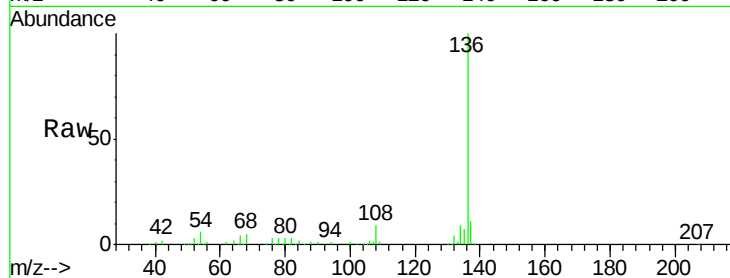
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.0 4.6 6.8

68 5.3 3.7 5.5

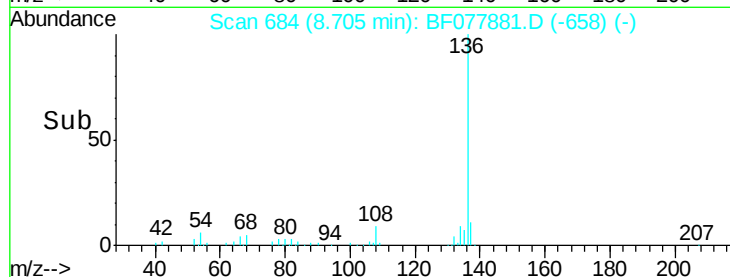


Abundance Ion 136.00 (135.70 to 136.70): E

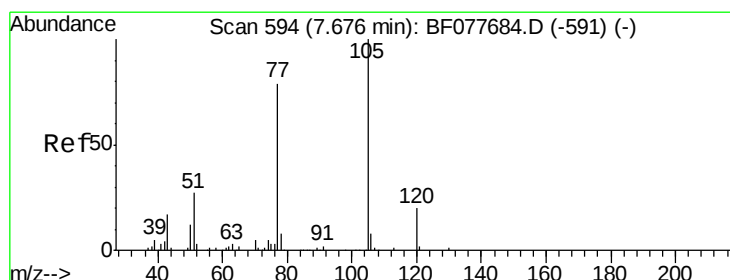
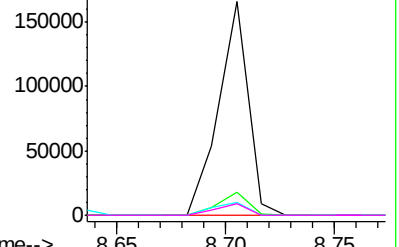
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.65 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Tgt Ion:105 Resp: 140742

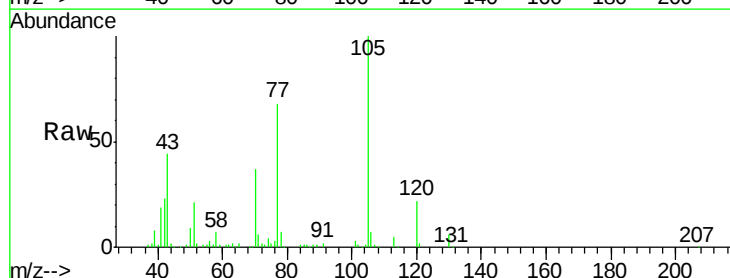
Ion Ratio Lower Upper

105 100

71 5.9 0.6 1.0#

51 21.0 21.6 32.4#

120 22.3 16.1 24.1

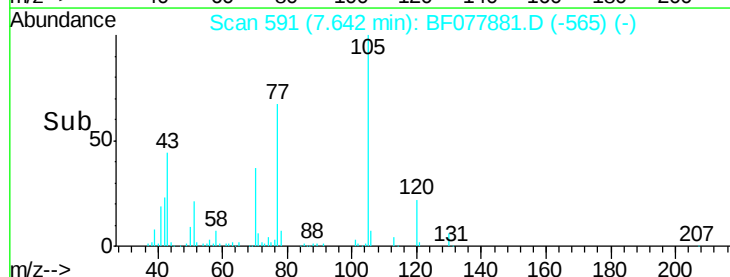


Abundance Ion 105.00 (104.70 to 105.70): E

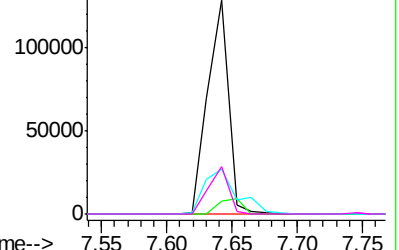
Ion 71.00 (70.70 to 71.70): BF0

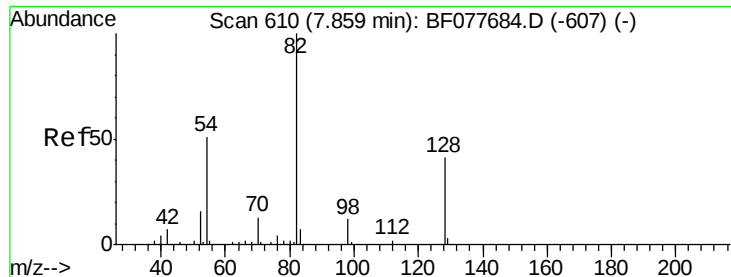
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

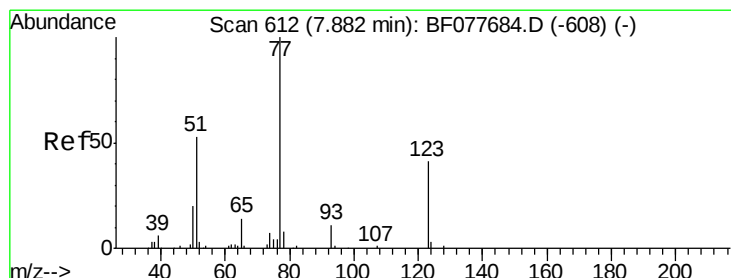
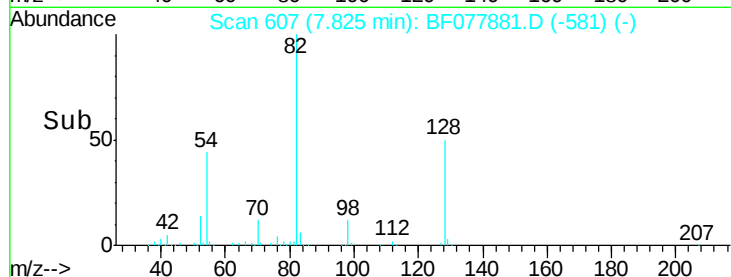
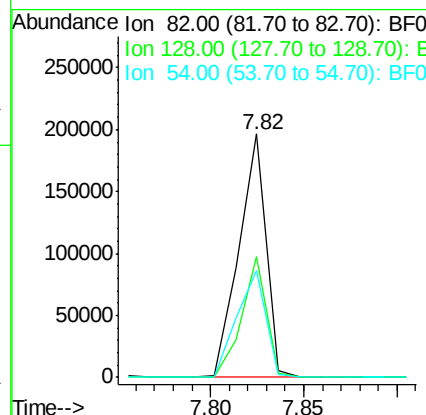
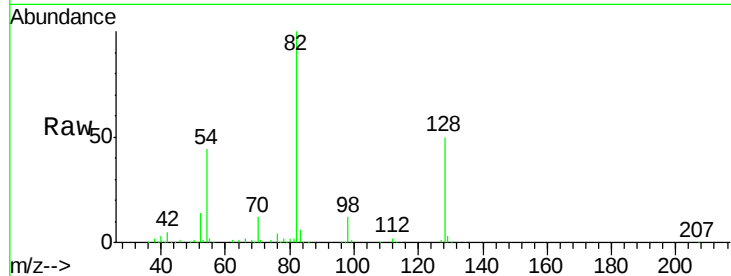




#23
 Nitrobenzene-d5
 Concen: 83.89 ng
 RT: 7.82 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

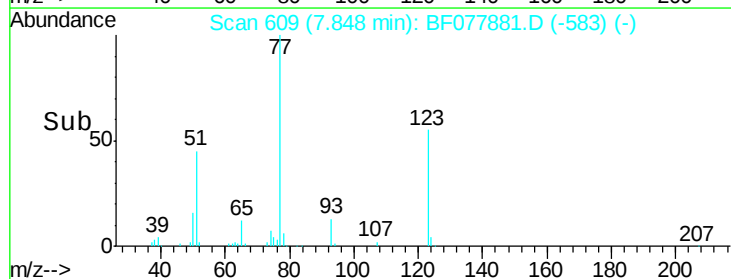
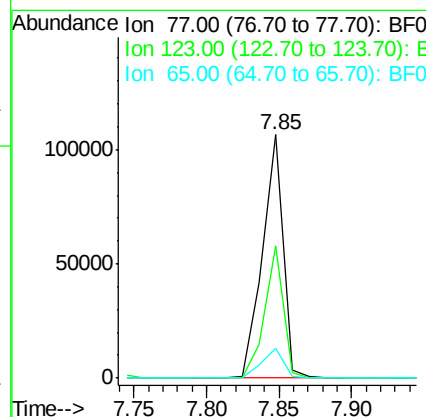
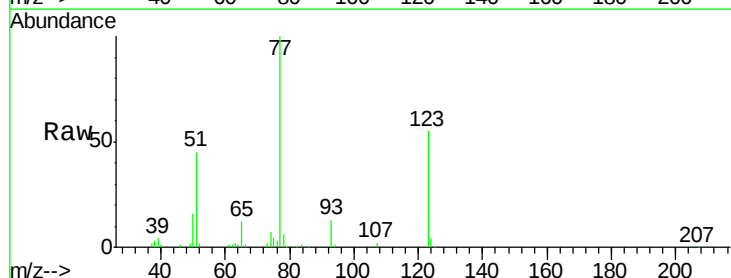
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

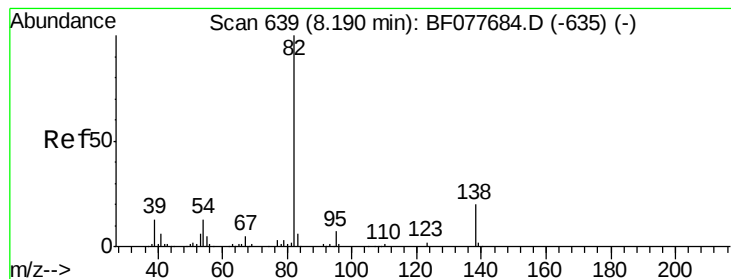
Tot Ion	82	Resp	200135
Ion Ratio	100	Lower	Upper
128	49.8	32.8	49.2#
54	43.9	40.6	60.8



#24
 Nitrobenzene
 Concen: 41.02 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion	77	Resp	105442
Ion Ratio	100	Lower	Upper
123	54.6	32.6	49.0#
65	12.1	10.9	16.3





#25

Isophorone

Concen: 40.13 ng

RT: 8.14 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

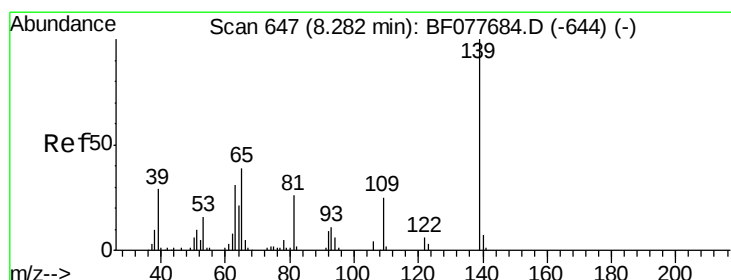
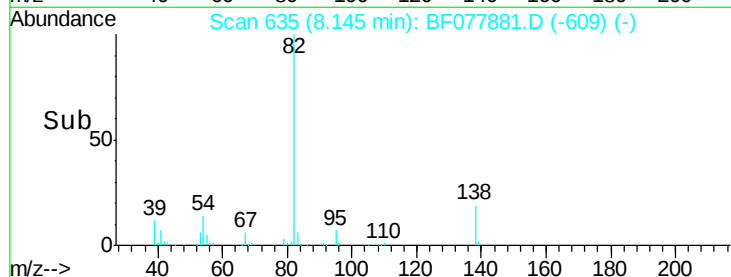
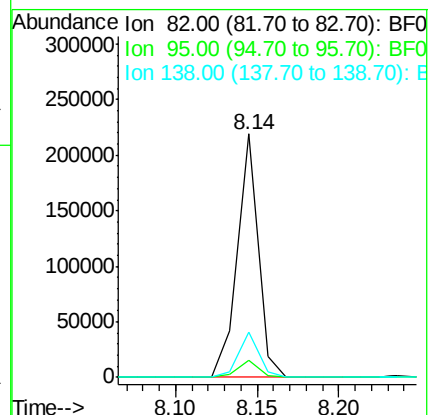
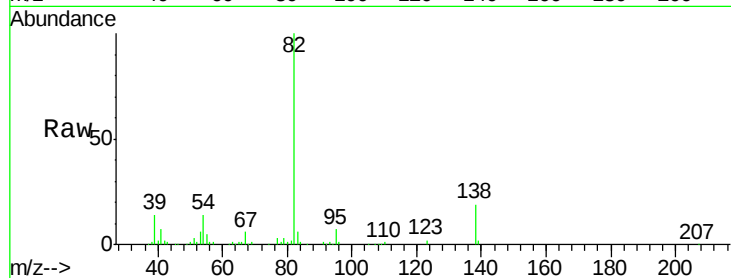
Tot Ion: 82 Resp: 193356

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 18.7 16.3 24.5



#26

2-Nitrophenol

Concen: 40.78 ng

RT: 8.24 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

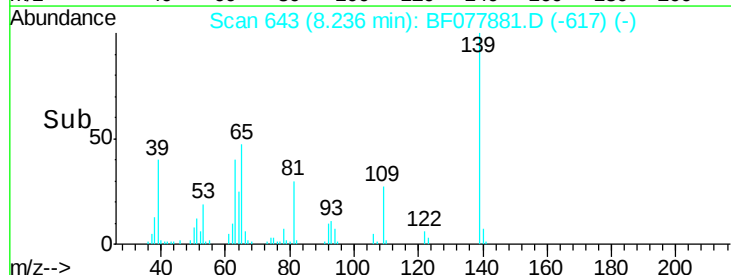
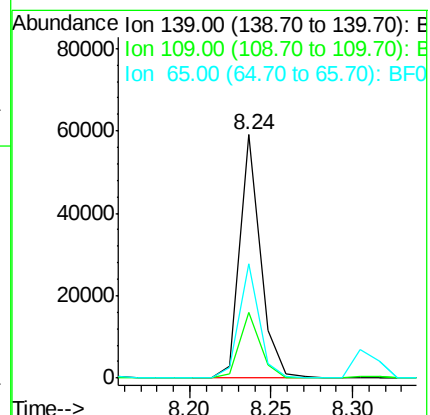
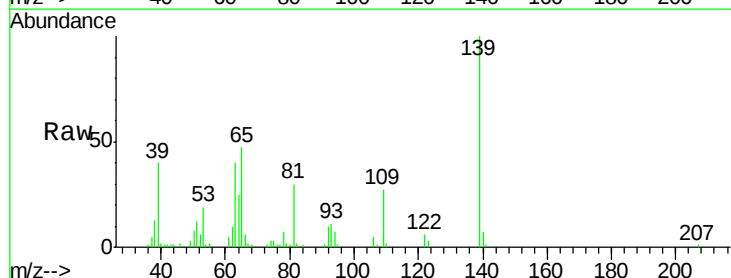
Tgt Ion: 139 Resp: 51315

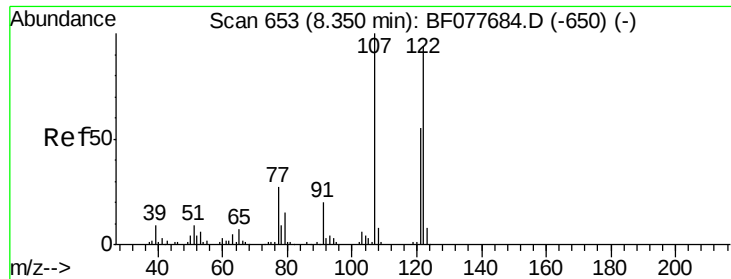
Ion Ratio Lower Upper

139 100

109 27.2 20.1 30.1

65 47.2 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 37.55 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

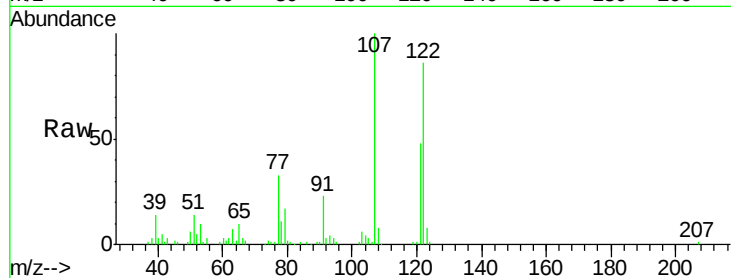
Tot Ion:122 Resp: 86079

Ion Ratio Lower Upper

122 100

107 115.9 84.7 127.1

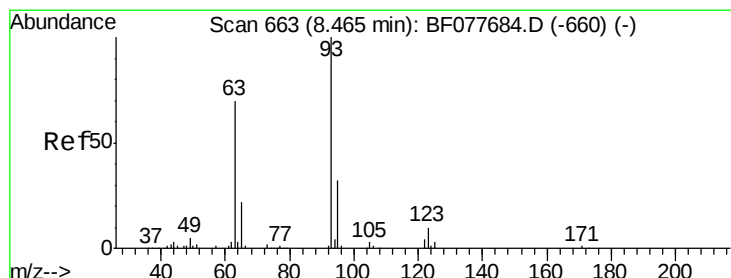
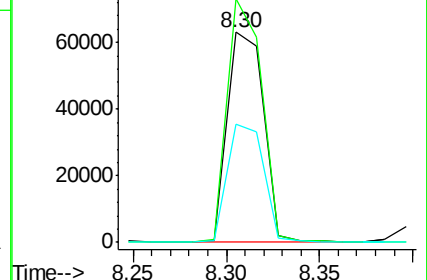
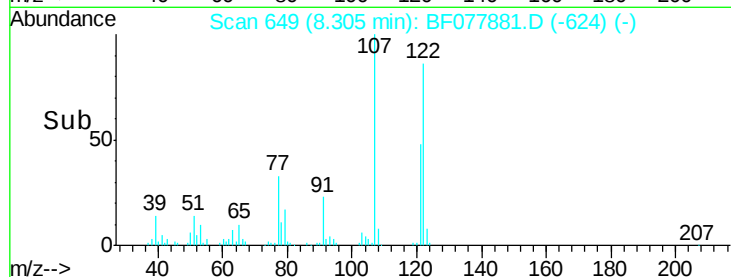
121 56.1 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.01 ng

RT: 8.43 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

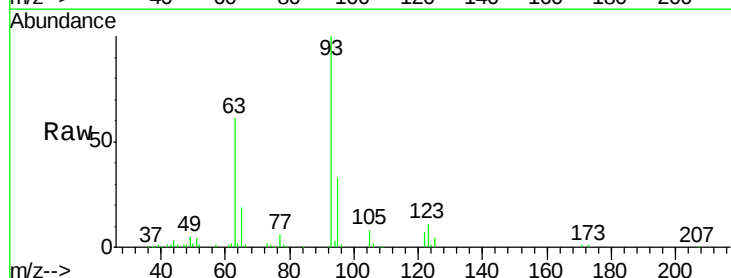
Tgt Ion: 93 Resp: 119942

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

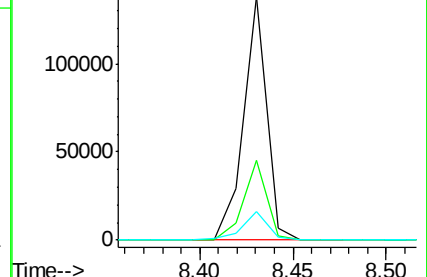
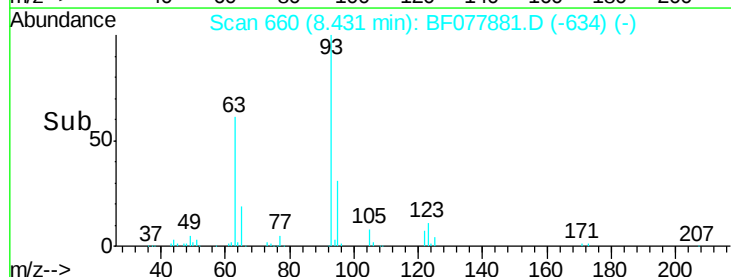
123 11.5 8.6 13.0

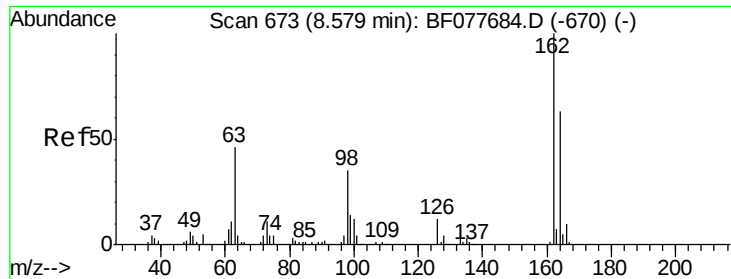


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.47 ng

RT: 8.54 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

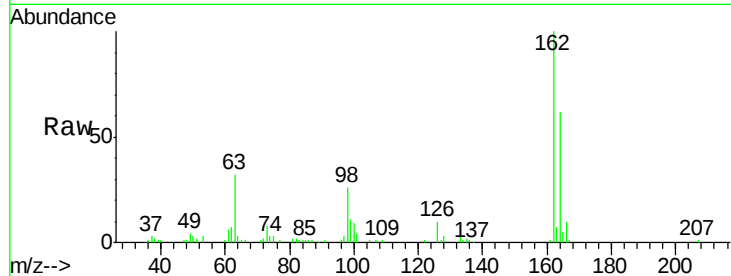
Tot Ion:162 Resp: 84061

Ion Ratio Lower Upper

162 100

164 61.6 42.8 82.8

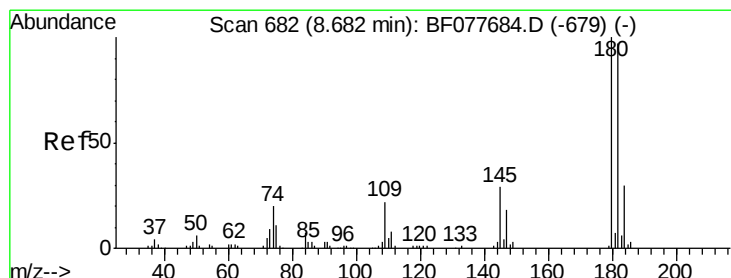
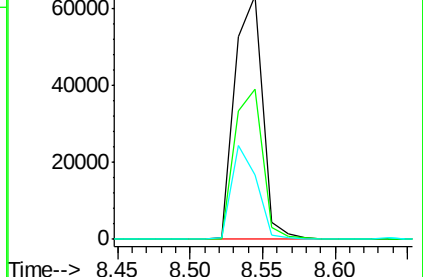
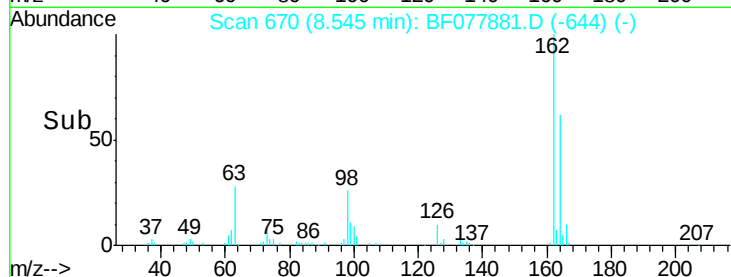
98 26.2 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.43 ng

RT: 8.64 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

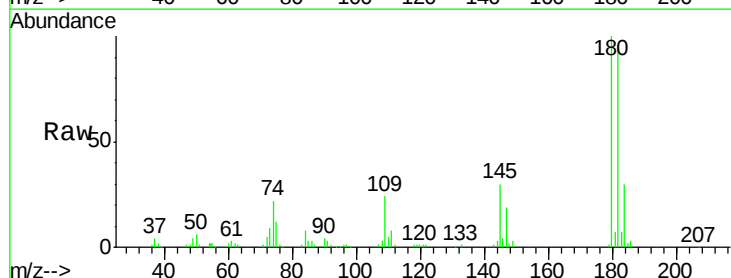
Tgt Ion:180 Resp: 98840

Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

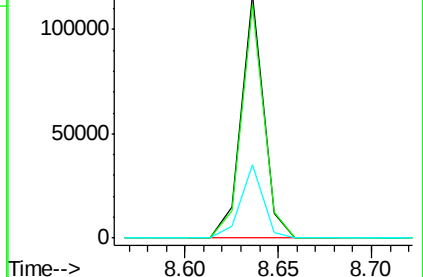
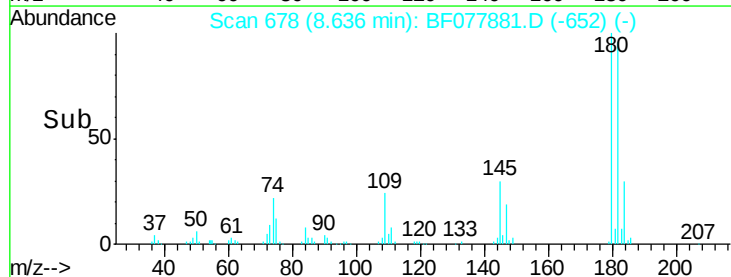
145 30.4 23.4 35.2

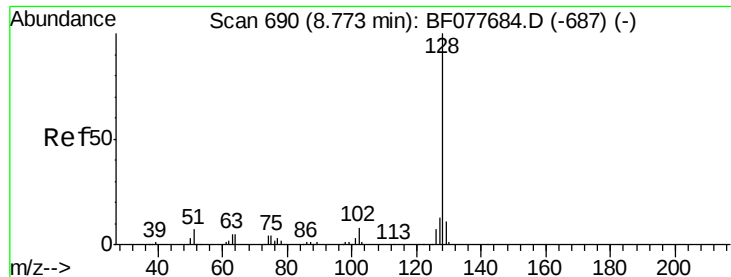


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

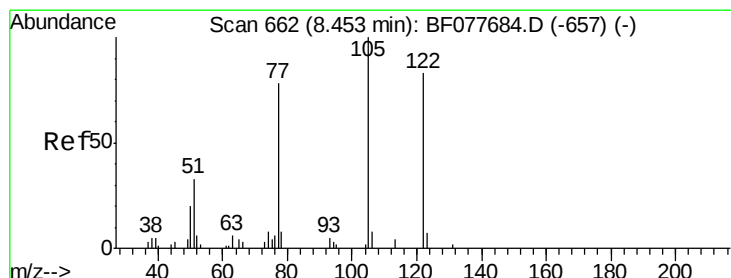
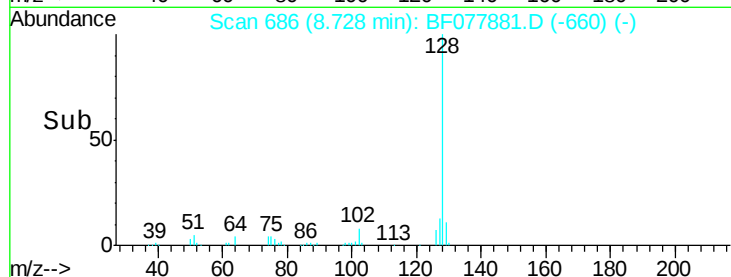
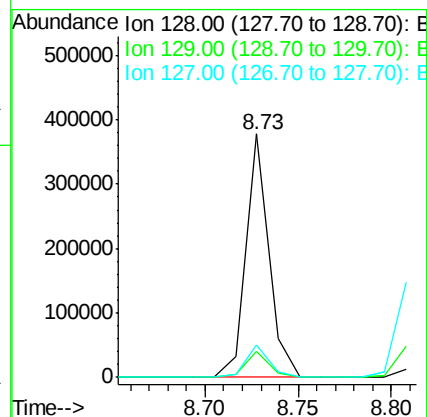
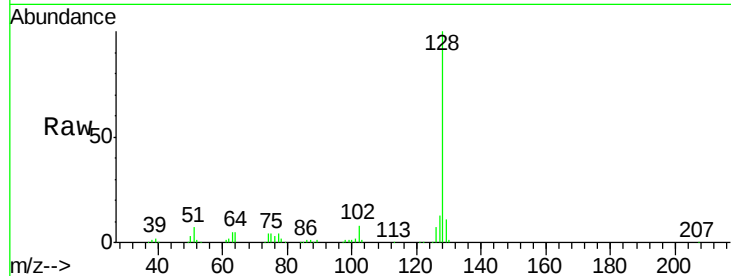




#31
Naphthalene
Concen: 40.37 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

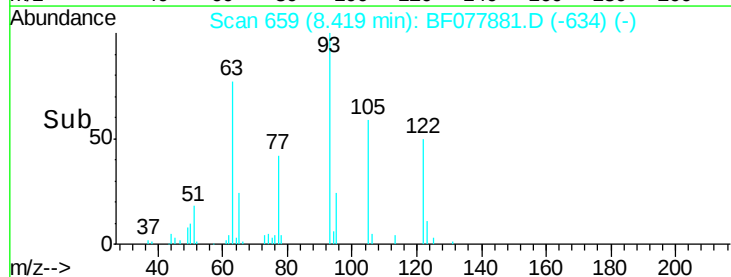
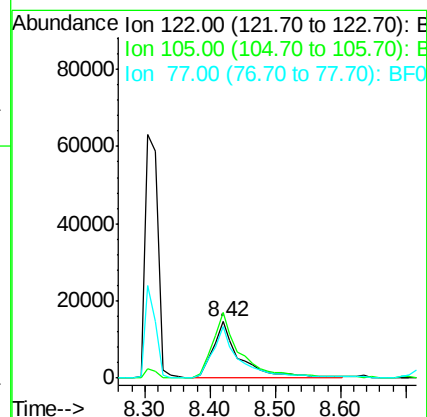
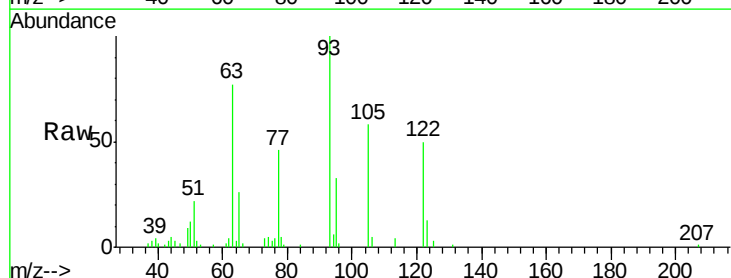
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

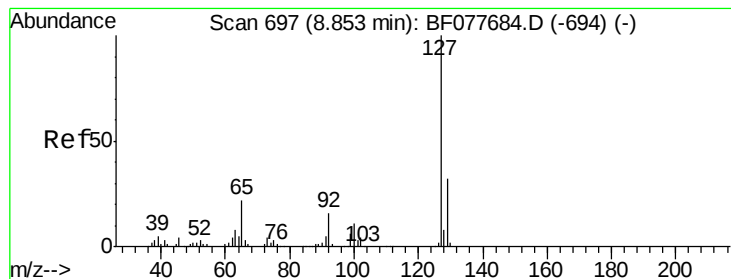
Tot Ion:128 Resp: 324278
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 34.27 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:122 Resp: 42611
Ion Ratio Lower Upper
122 100
105 116.8 99.9 139.9
77 92.2 73.7 113.7





#33

4-Chloroaniline

Concen: 40.36 ng

RT: 8.81 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 131567

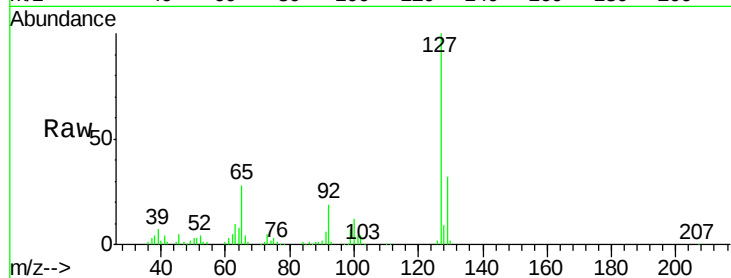
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 27.6 17.6 26.4#

92 18.8 13.1 19.7

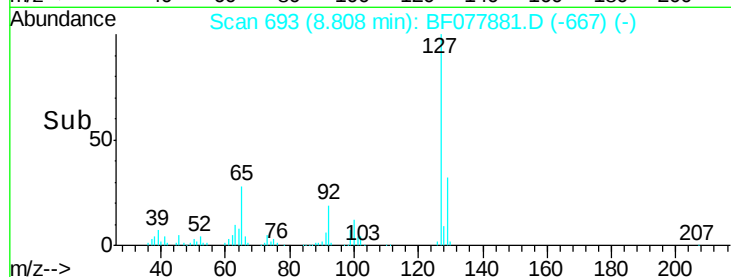


Abundance Ion 127.00 (126.70 to 127.70): E

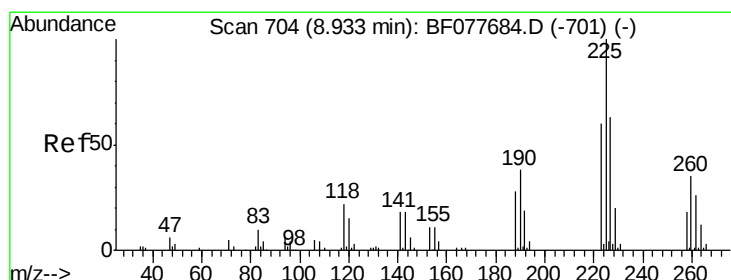
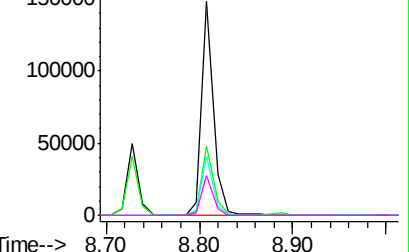
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.61 ng

RT: 8.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

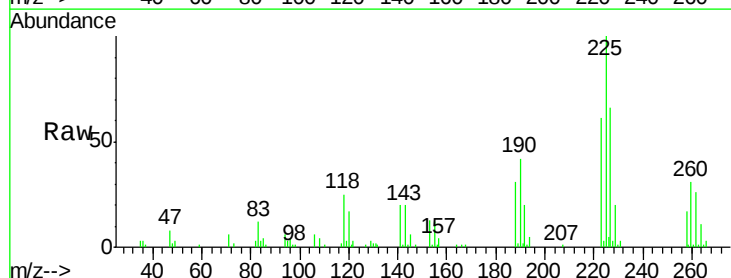
Tgt Ion:225 Resp: 56279

Ion Ratio Lower Upper

225 100

223 60.9 47.9 71.9

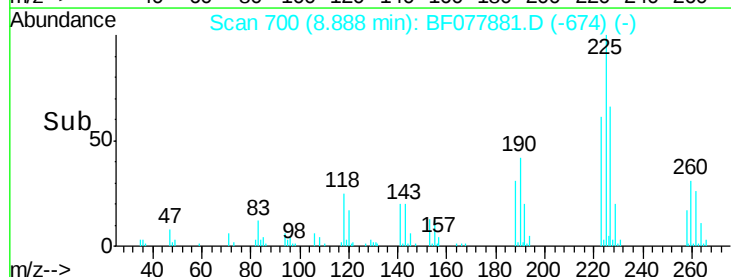
227 65.6 50.1 75.1



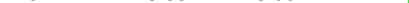
Abundance Ion 225.00 (224.70 to 225.70): E

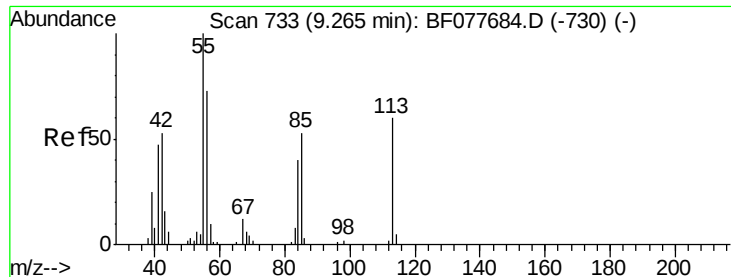
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

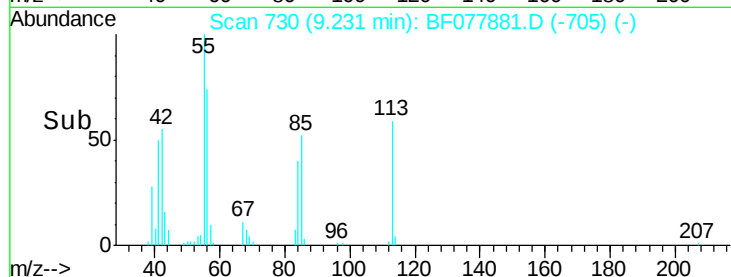
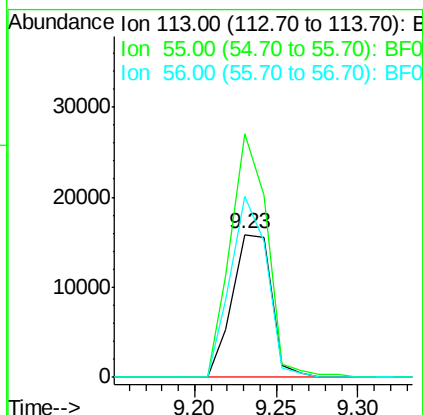
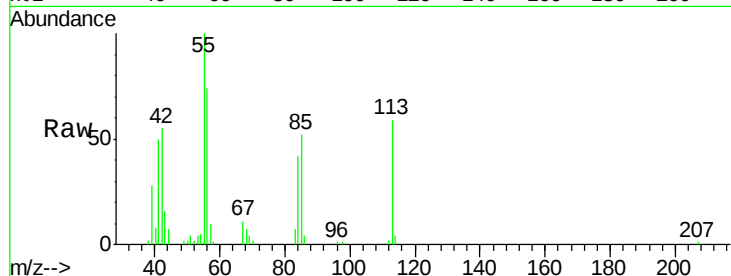




#35
 Caprolactam
 Concen: 41.32 ng
 RT: 9.23 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

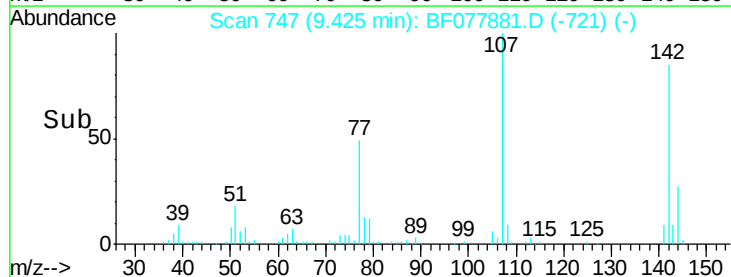
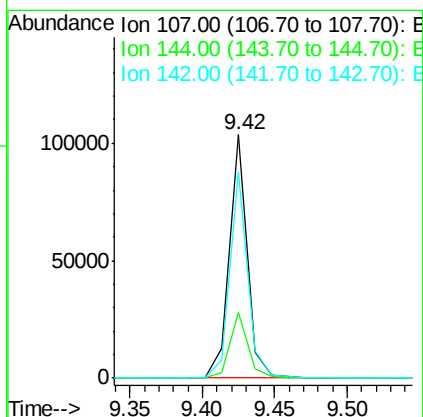
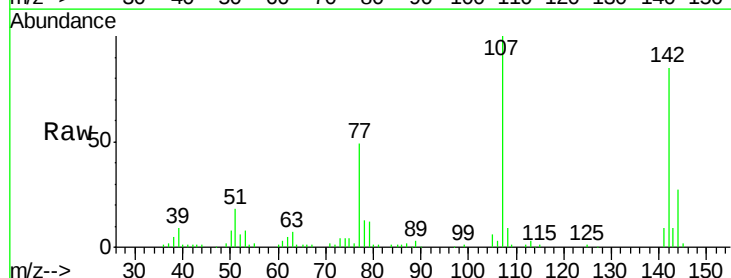
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

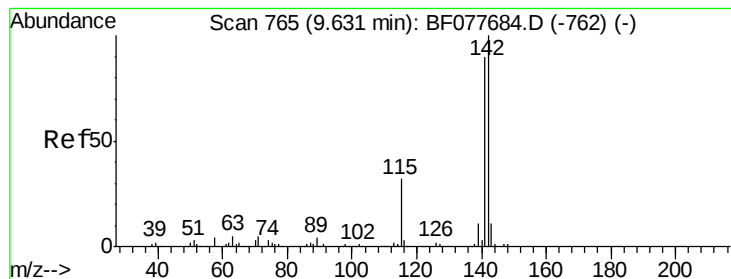
Tot Ion:113 Resp: 26389
 Ion Ratio Lower Upper
 113 100
 55 170.2 145.9 185.9
 56 126.8 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.64 ng
 RT: 9.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion:107 Resp: 89352
 Ion Ratio Lower Upper
 107 100
 144 26.9 23.3 34.9
 142 84.9 72.6 109.0

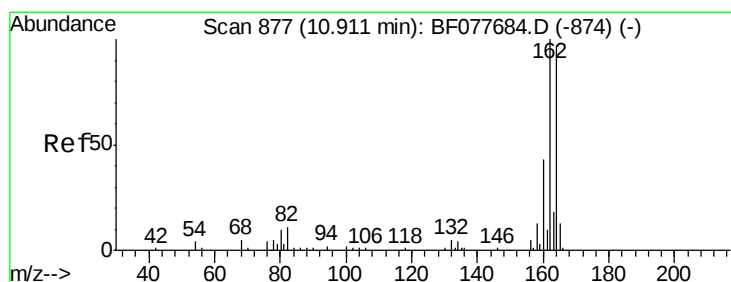
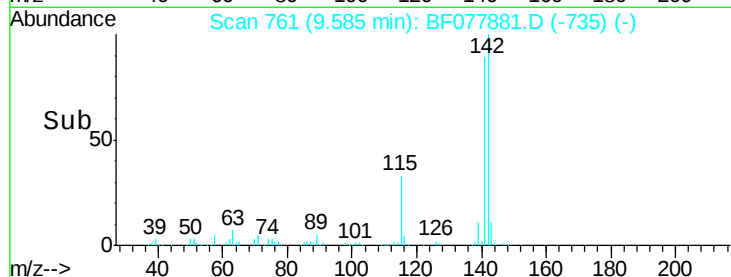
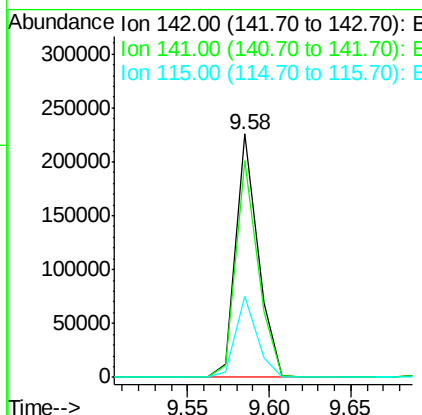
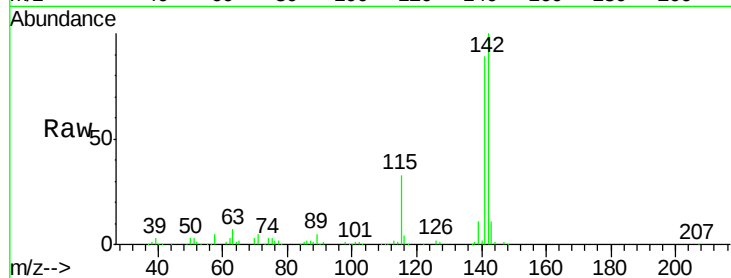




#37
2-Methylnaphthalene
Concen: 39.28 ng
RT: 9.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

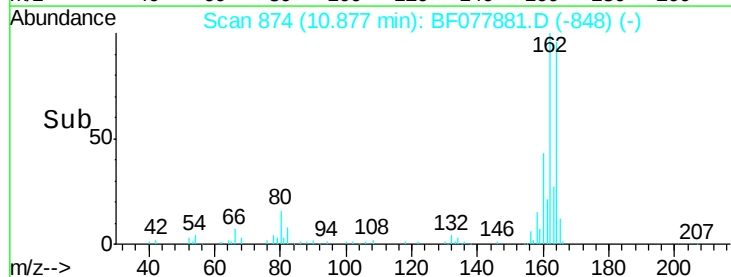
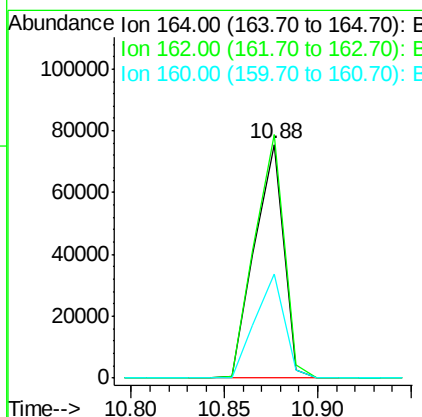
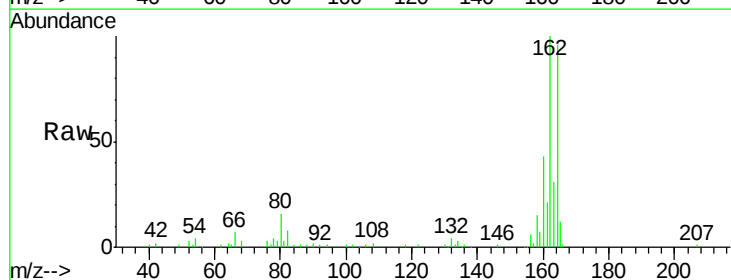
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

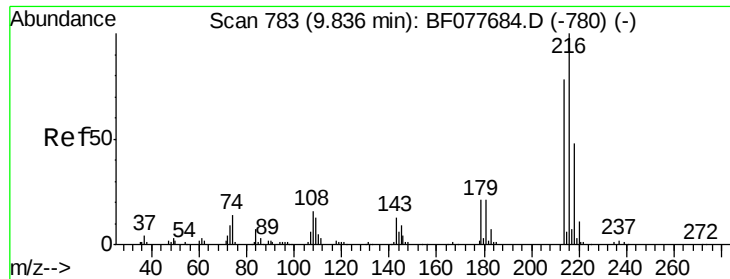
Tot Ion:142 Resp: 211977
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 33.5 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:164 Resp: 81529
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 44.5 35.8 53.6

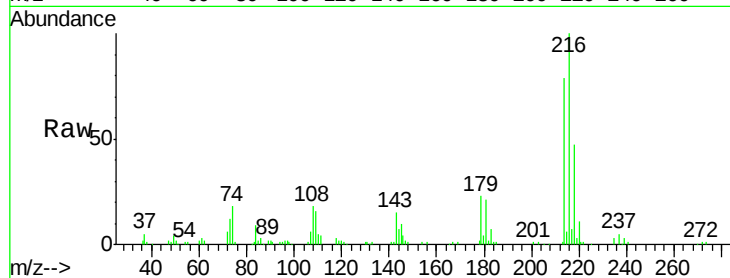




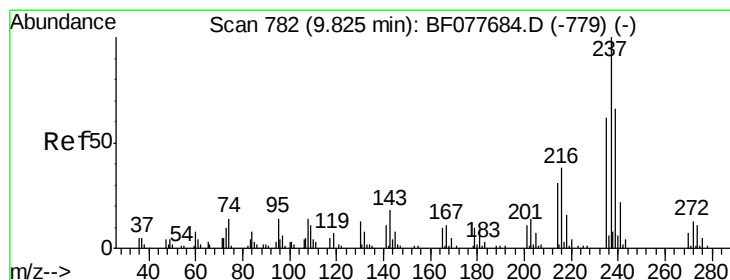
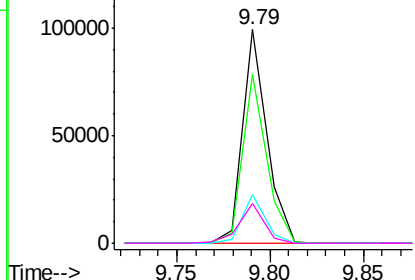
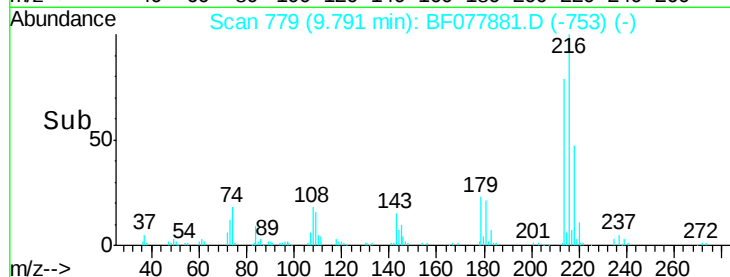
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.19 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	90447
Ion Ratio	Lower	Upper
216	100	
214	78.2	0.0 0.0#
179	21.7	0.0 0.0#
108	19.2	0.0 0.0#

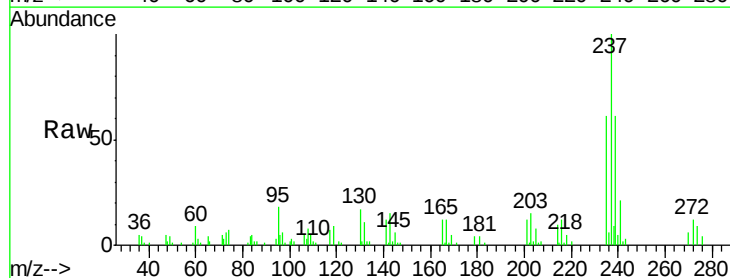


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

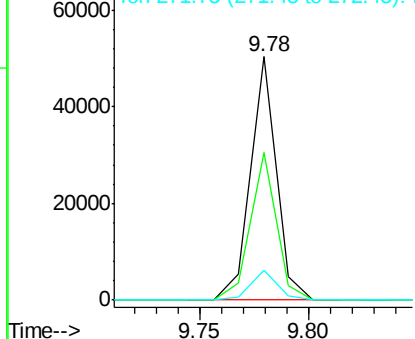
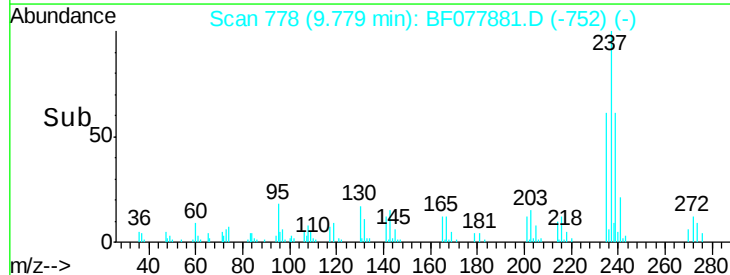


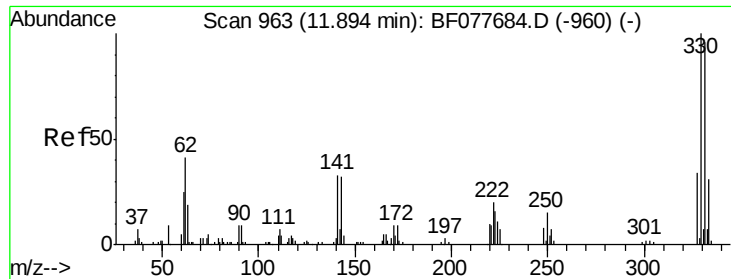
#40
 Hexachlorocyclopentadiene
 Concen: 35.80 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion:237	Resp:	41361
Ion Ratio	Lower	Upper
237	100	
235	60.7	42.0 82.0
272	12.1	0.0 33.4



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

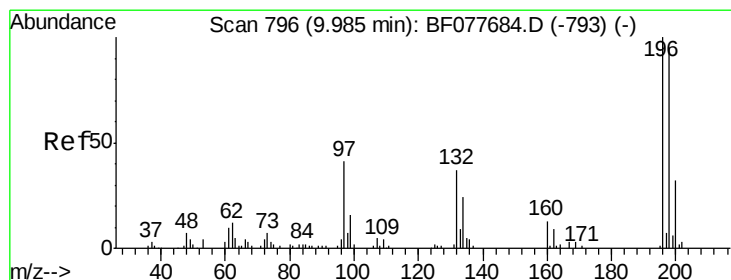
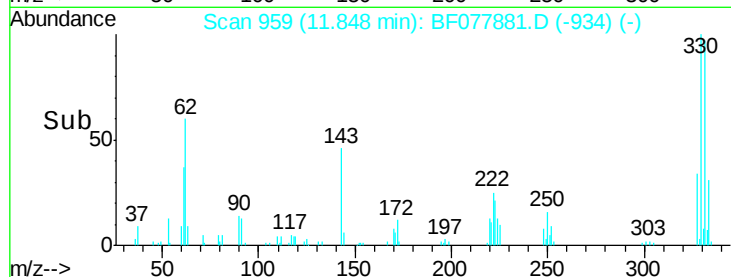
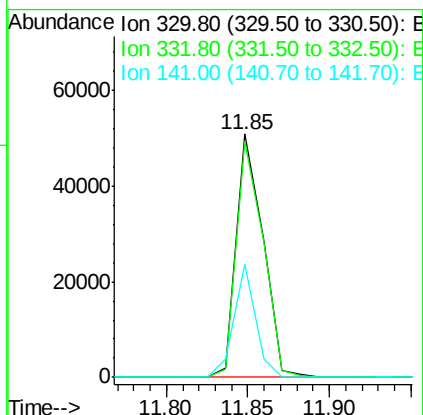
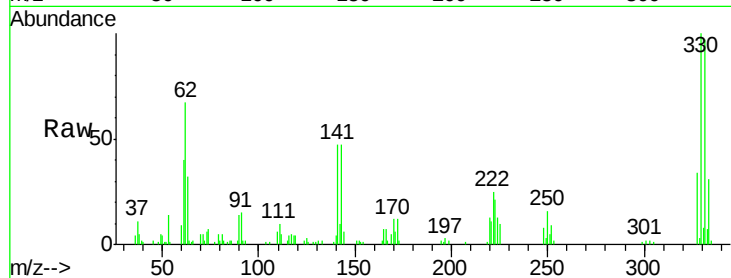




#41
 2,4,6-Tribromophenol
 Concen: 73.10 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

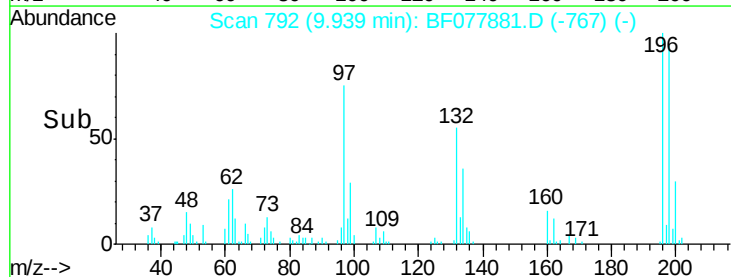
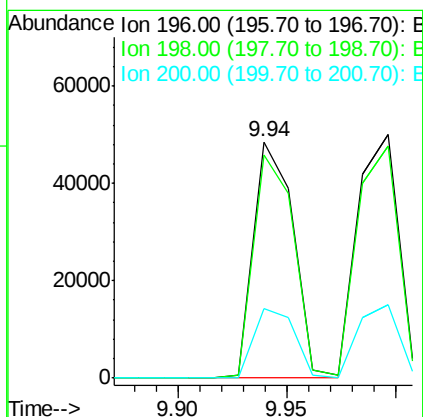
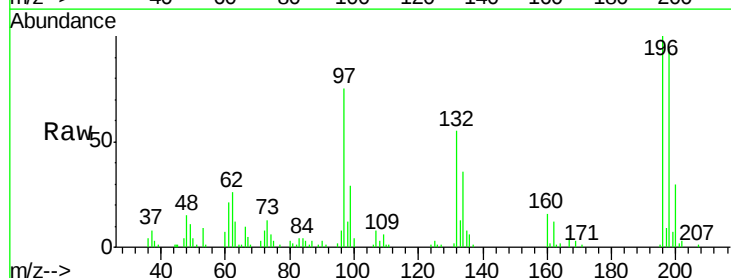
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

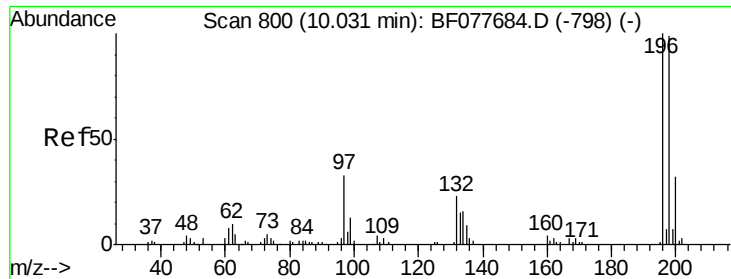
Tot Ion:330 Resp: 57022
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 38.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.84 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion:196 Resp: 62056
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.3 114.5
 200 29.7 25.6 38.4

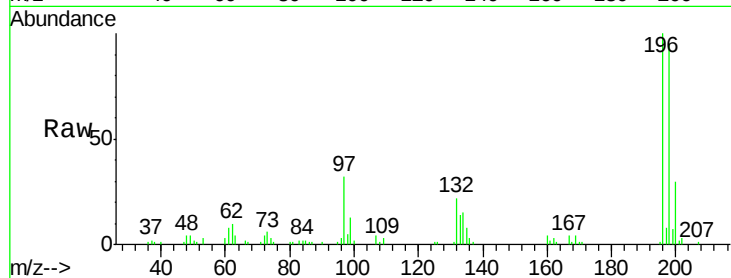




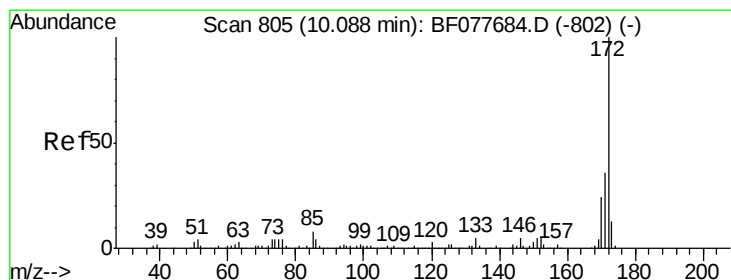
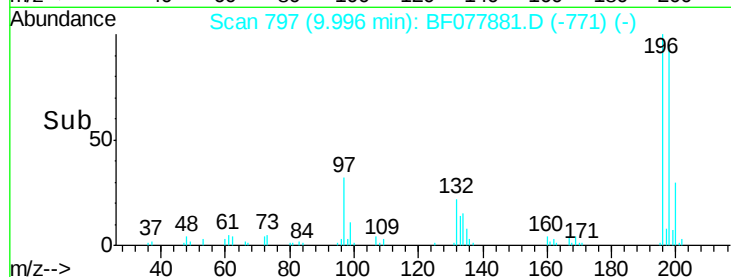
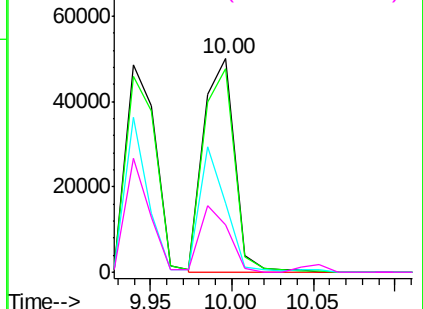
#43
2,4,5-Trichlorophenol
Concen: 36.88 ng
RT: 10.00 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 67106
Ion Ratio Lower Upper
196 100
198 95.1 79.4 119.0
97 32.3 26.8 40.2
132 22.1 18.6 28.0

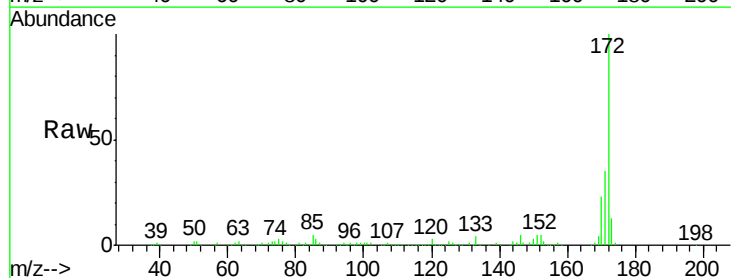


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

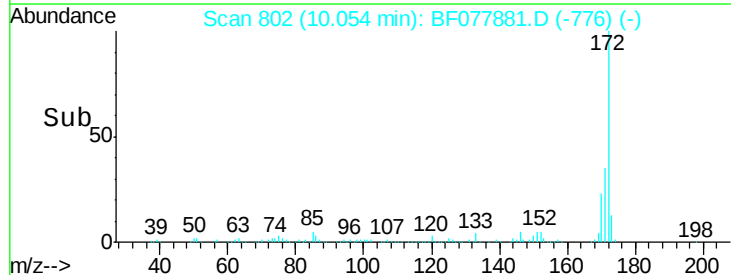
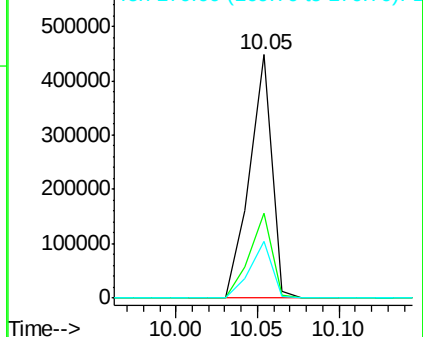


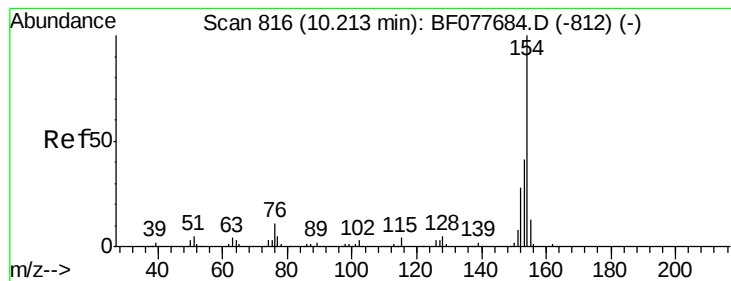
#44
2-Fluorobiphenyl
Concen: 77.24 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:172 Resp: 428513
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.4 18.8 28.2



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: 37.07 ng

RT: 10.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

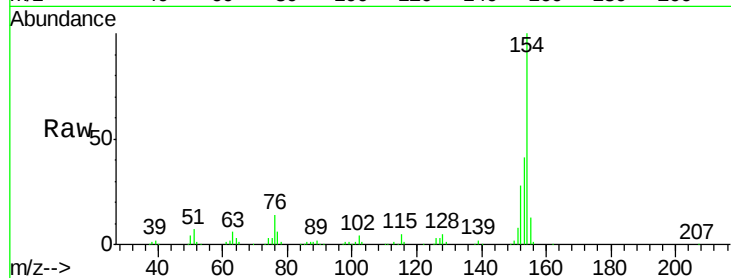
Tot Ion:154 Resp: 241566

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

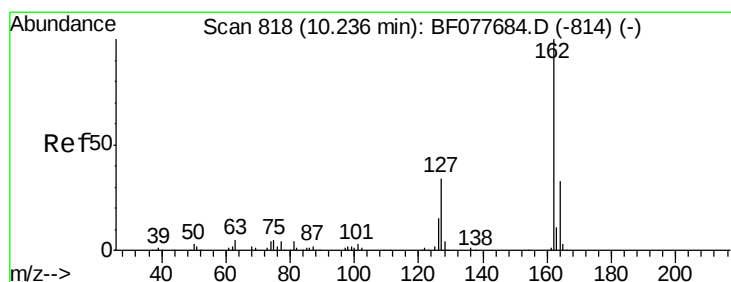
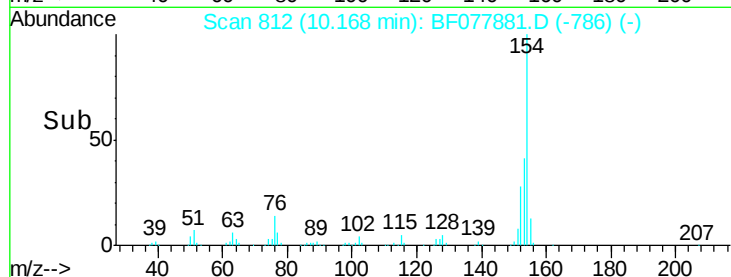
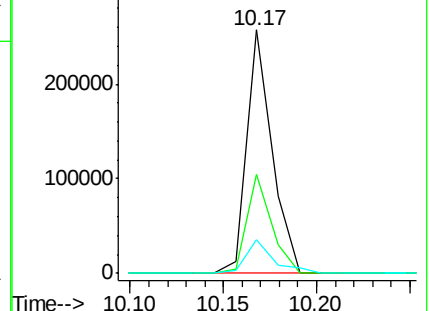
76 14.0 0.0 30.9



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: 38.55 ng

RT: 10.19 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

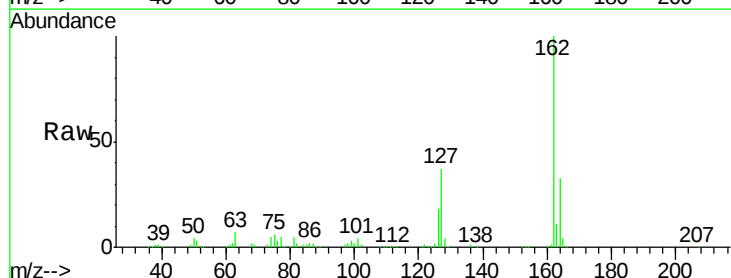
Tgt Ion:162 Resp: 204169

Ion Ratio Lower Upper

162 100

127 37.3 26.9 40.3

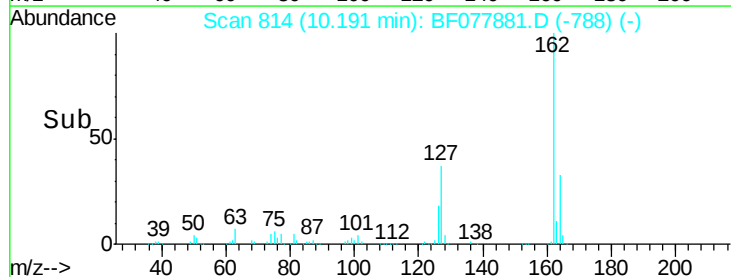
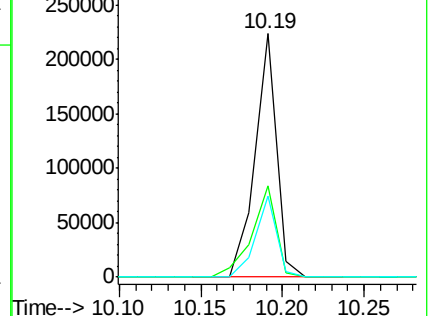
164 33.2 26.8 40.2

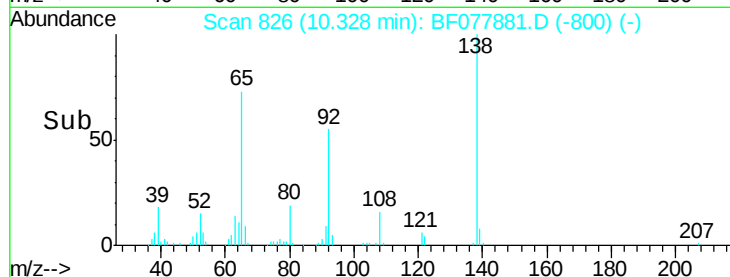
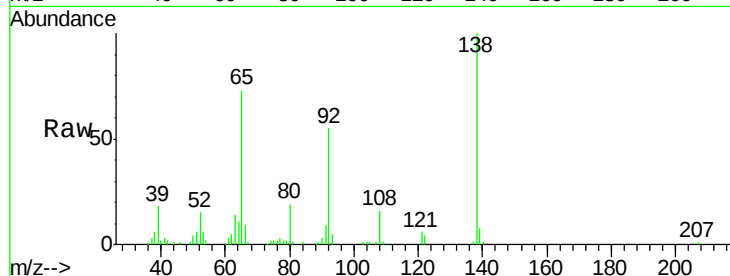
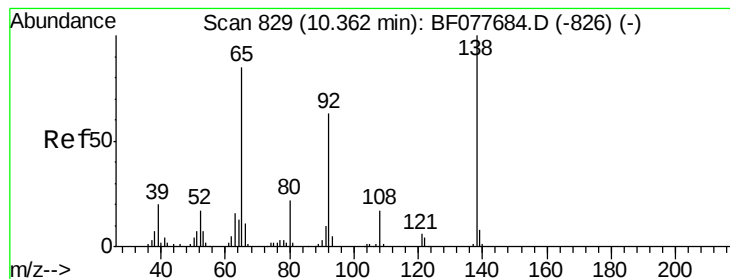


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.98 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

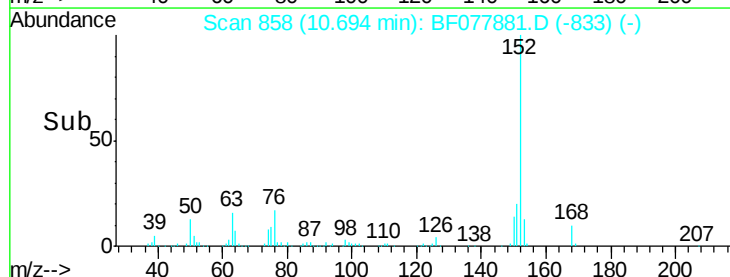
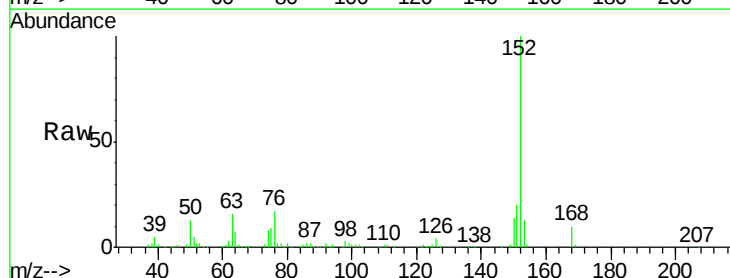
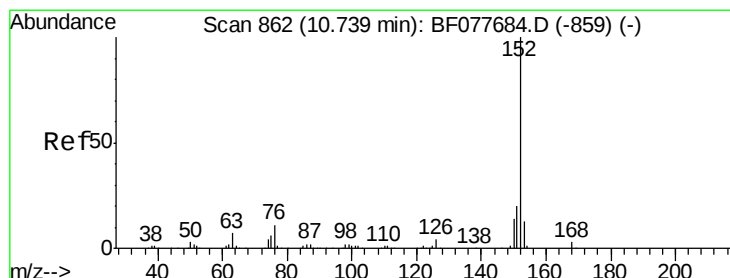
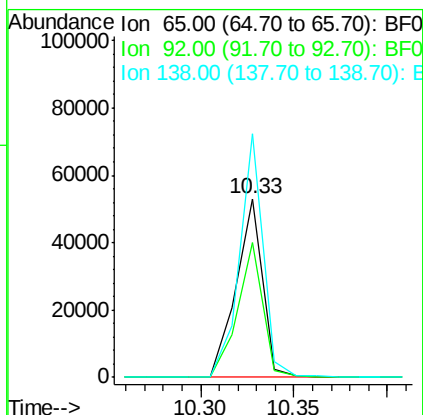
Tot Ion: 65 Resp: 52589

Ion Ratio Lower Upper

65 100

92 75.2 59.1 88.7

138 136.1 93.9 140.9



#48

Acenaphthylene

Concen: 38.04 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

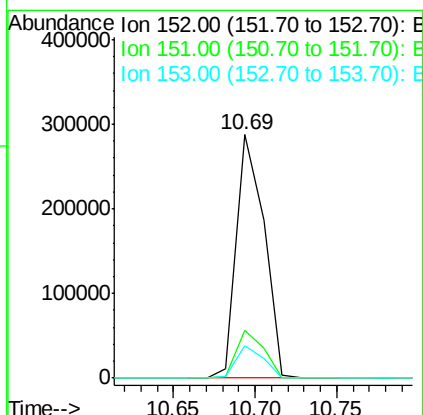
Tgt Ion:152 Resp: 335005

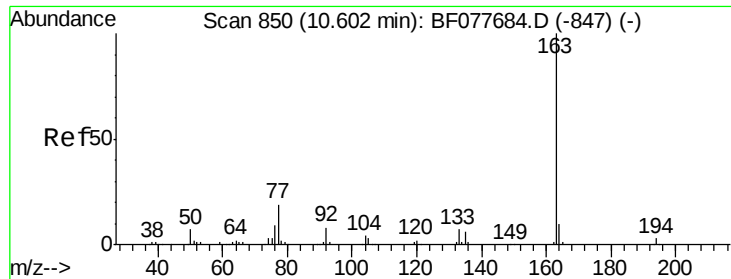
Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.4 10.6 16.0

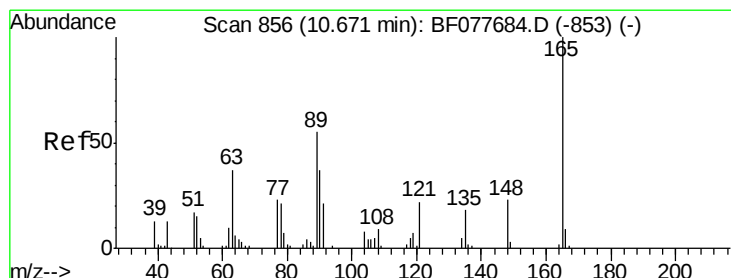
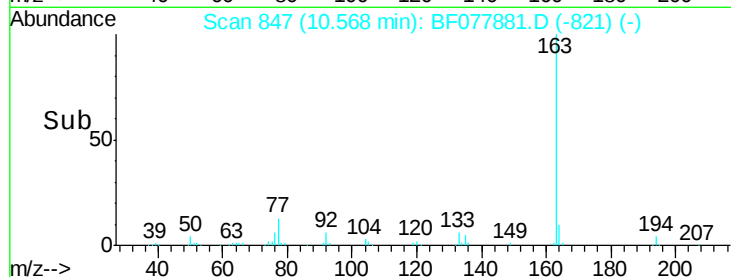
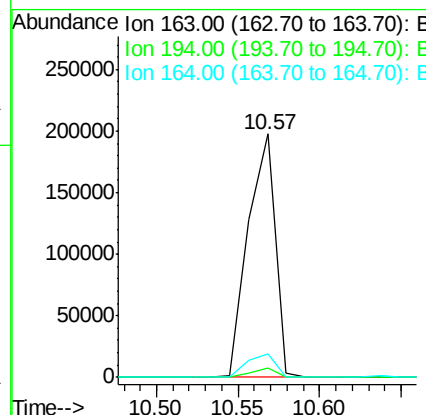
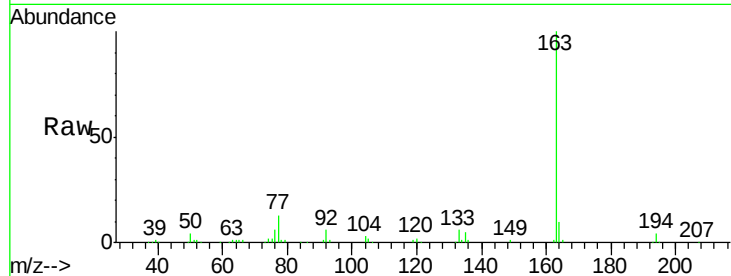




#49
Dimethylphthalate
Concen: 37.58 ng
RT: 10.57 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

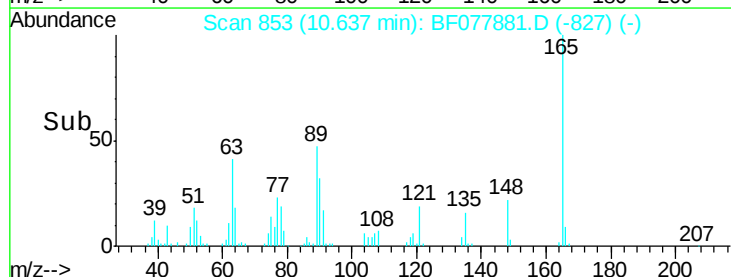
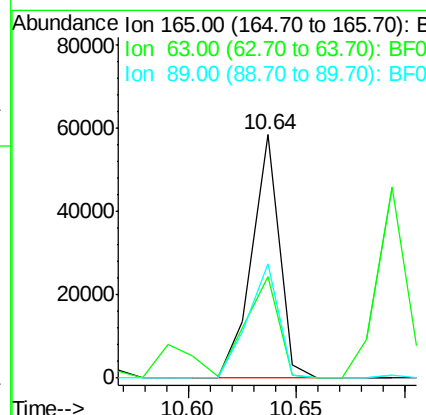
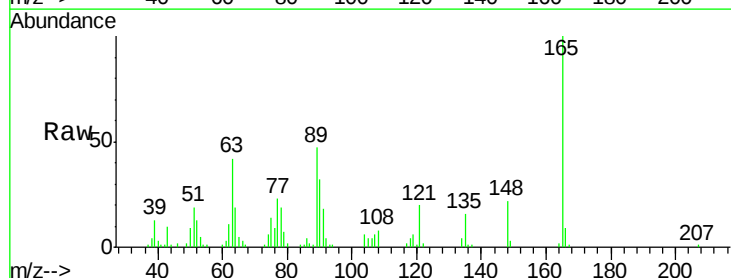
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

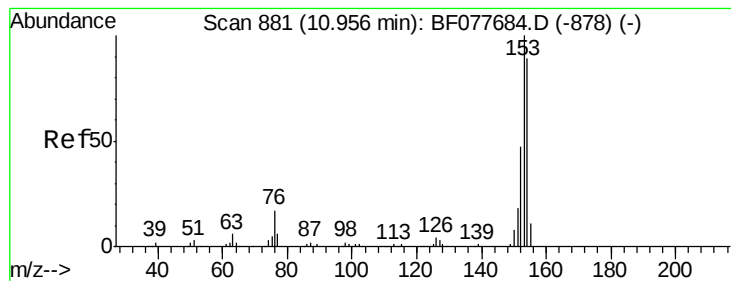
Tot Ion:163 Resp: 227262
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 41.15 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:165 Resp: 51575
Ion Ratio Lower Upper
165 100
63 41.6 44.1 66.1#
89 47.0 44.3 66.5





#51

Acenaphthene

Concen: 37.90 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

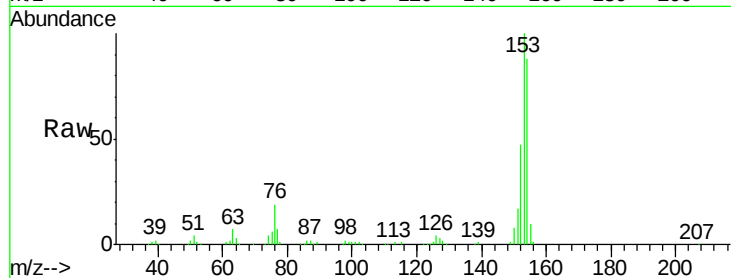
Tot Ion:154 Resp: 191390

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

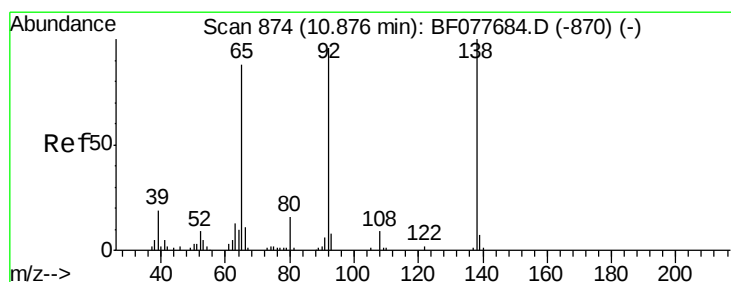
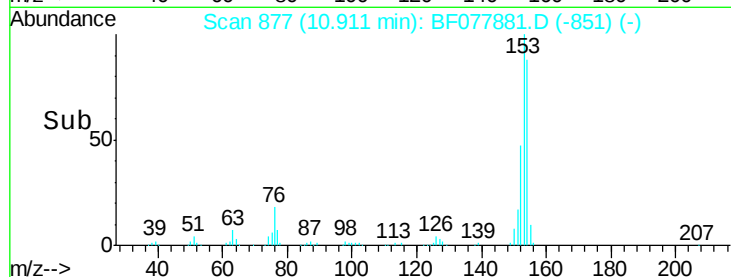
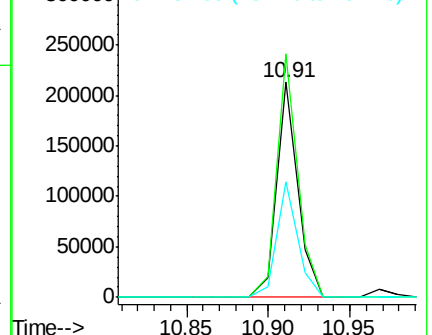
152 53.6 42.6 63.8



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: 38.79 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

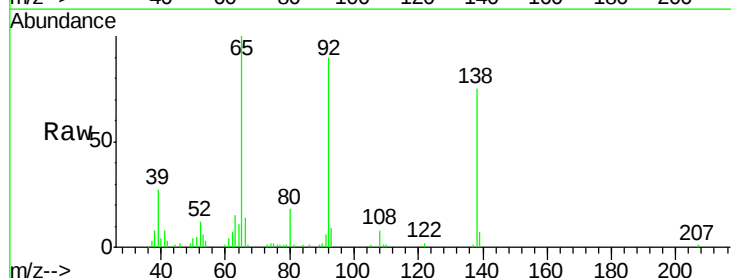
Tgt Ion:138 Resp: 56461

Ion Ratio Lower Upper

138 100

108 10.2 7.3 10.9

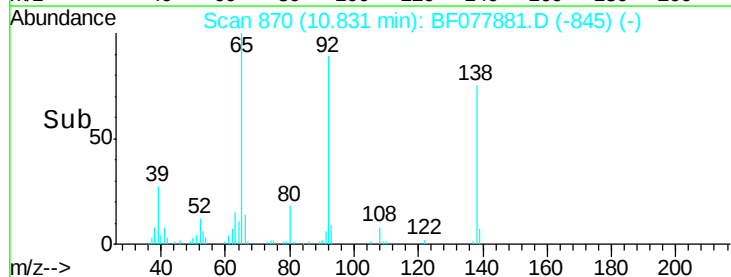
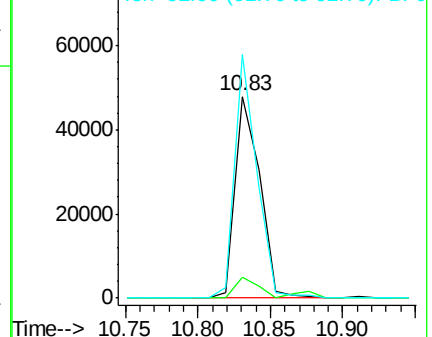
92 120.6 76.6 114.8#

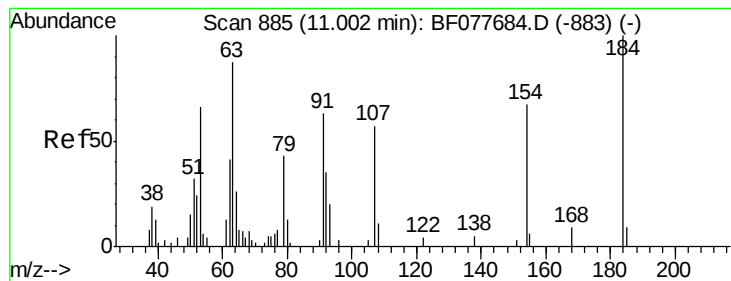


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 33.57 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

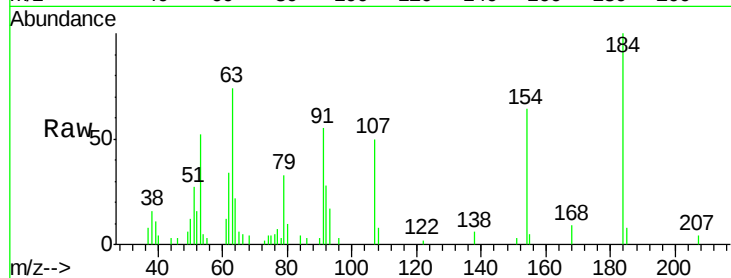
Tot Ion:184 Resp: 13063

Ion Ratio Lower Upper

184 100

63 74.4 69.2 103.8

154 63.6 53.3 79.9



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

250000

200000

150000

100000

50000

0

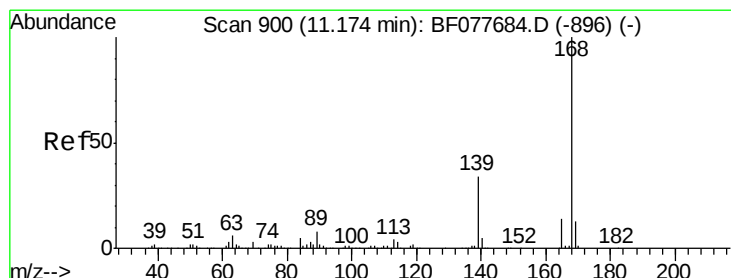
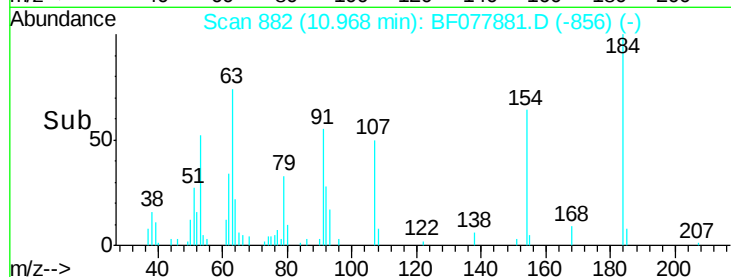
10.90

10.95

11.00

11.05

Time-->



#54

Dibenzofuran

Concen: 38.14 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

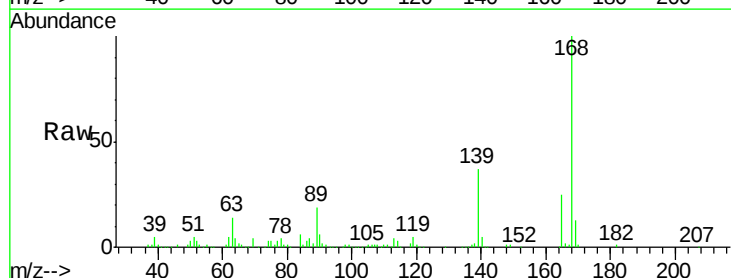
Tgt Ion:168 Resp: 285640

Ion Ratio Lower Upper

168 100

139 36.9 27.3 40.9

169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

400000

300000

200000

100000

0

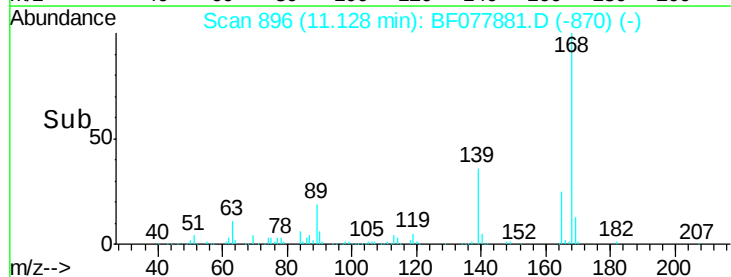
11.05

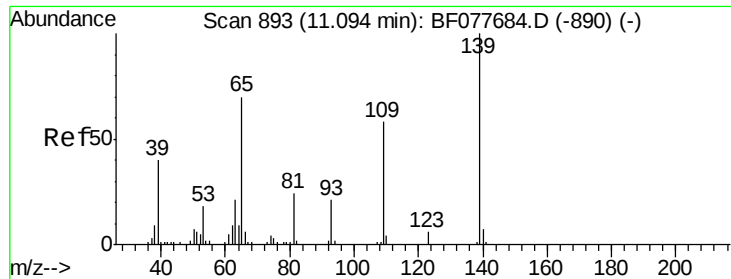
11.10

11.15

11.20

Time-->

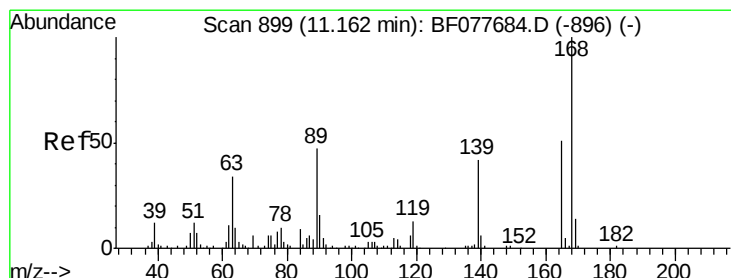
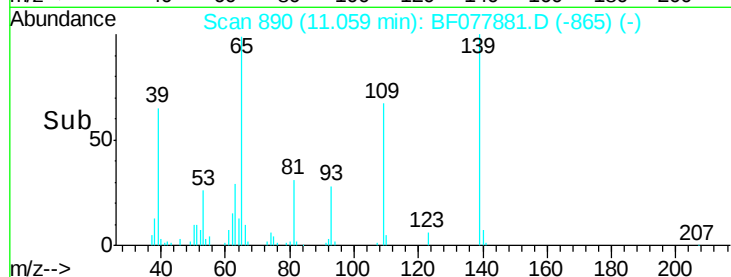
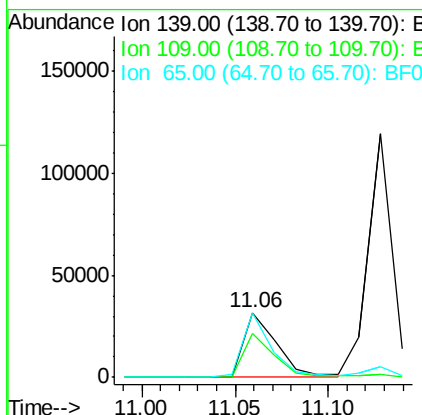
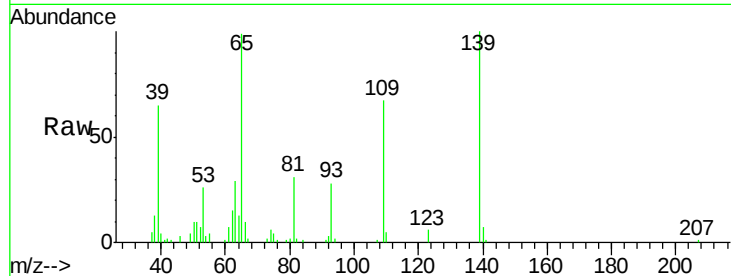




#55
4-Nitrophenol
Concen: 36.65 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

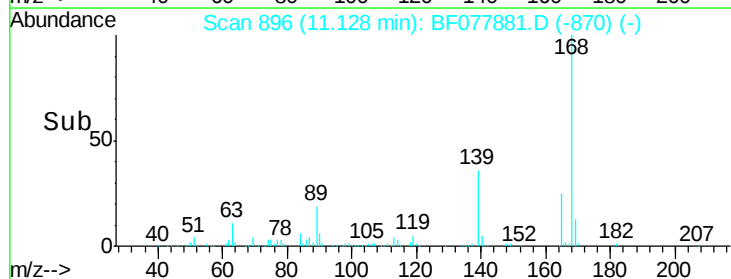
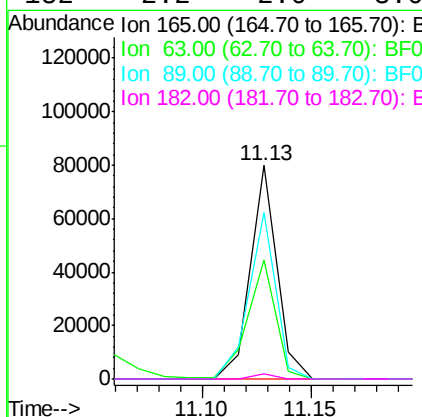
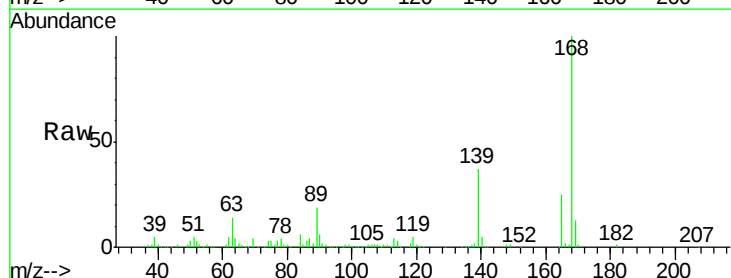
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

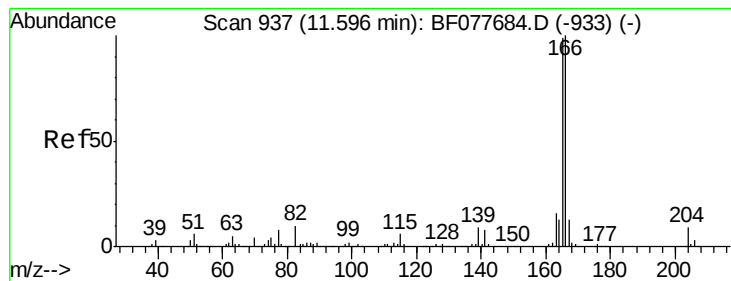
Tot Ion:139 Resp: 39526
Ion Ratio Lower Upper
139 100
109 66.6 37.7 77.7
65 98.9 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 41.56 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:165 Resp: 67930
Ion Ratio Lower Upper
165 100
63 55.9 52.4 78.6
89 78.1 72.4 108.6
182 2.2 2.0 3.0





#57

Fluorene

Concen: 38.80 ng

RT: 11.55 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

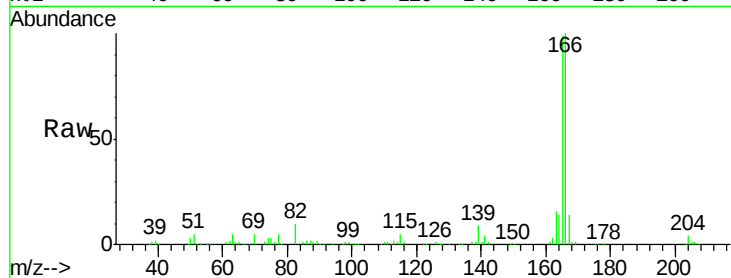
Tot Ion:166 Resp: 241286

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

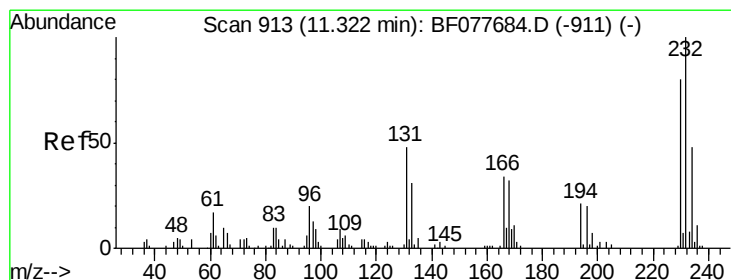
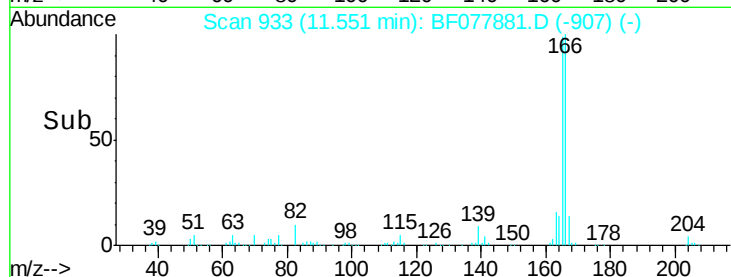
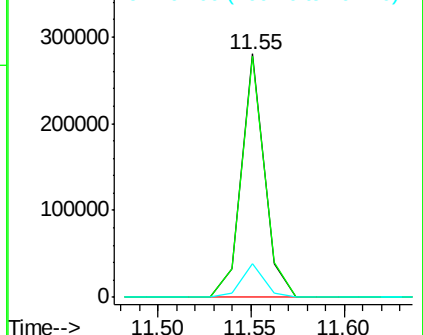
167 13.6 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.53 ng

RT: 11.29 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Tgt Ion:232 Resp: 53982

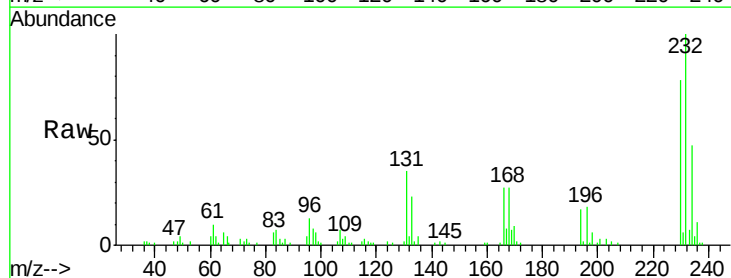
Ion Ratio Lower Upper

232 100

131 44.5 0.0 0.0#

130 2.2 0.0 0.0#

166 30.6 0.0 0.0#

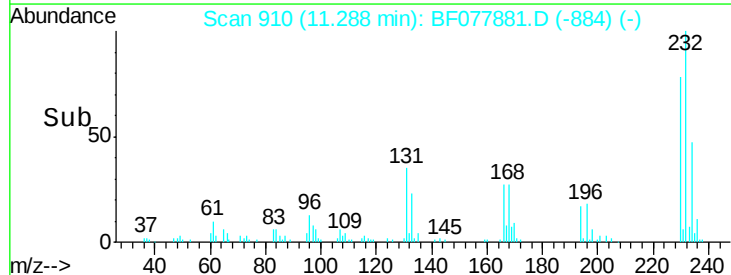
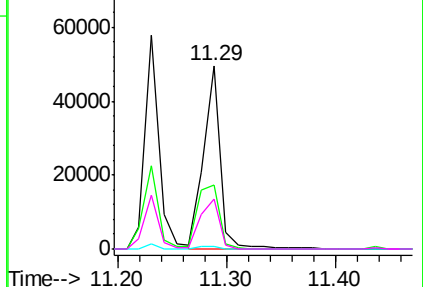


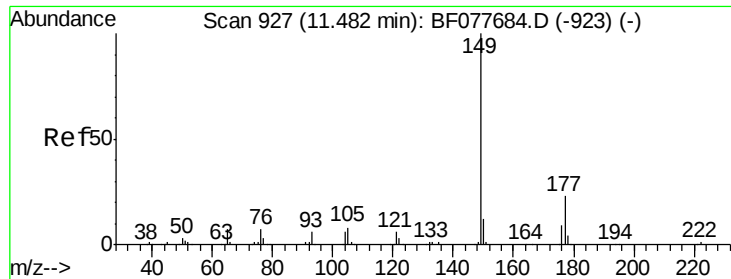
Abundance Ion 232.00 (231.70 to 232.70): E

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

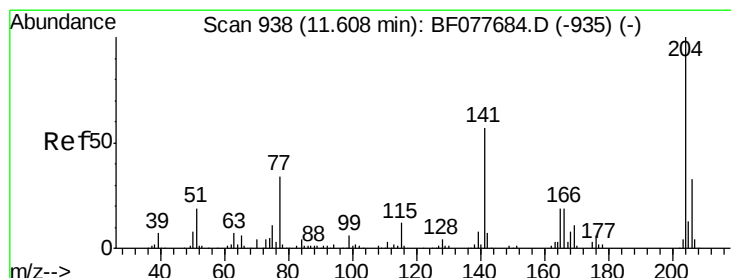
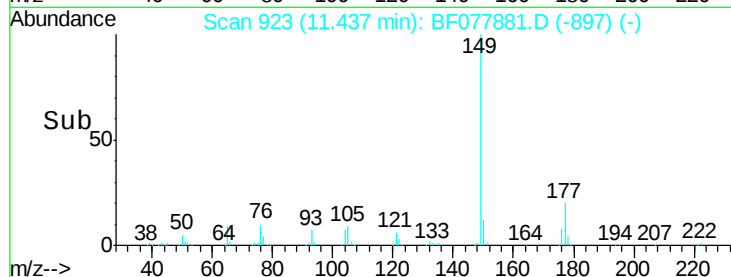
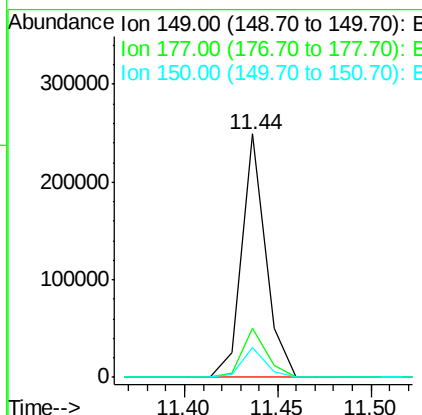
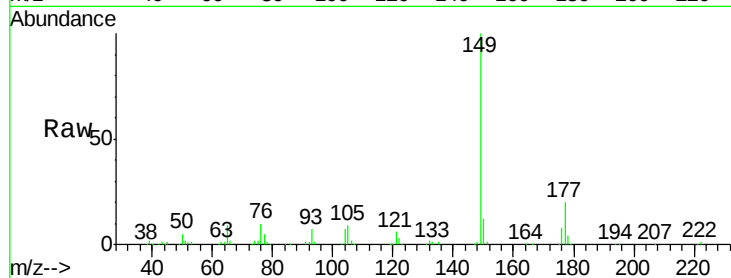




#59
Diethylphthalate
Concen: 37.88 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

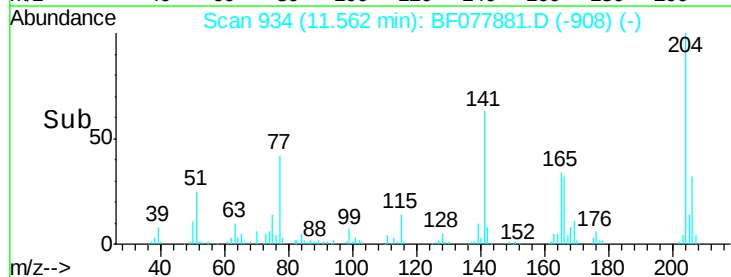
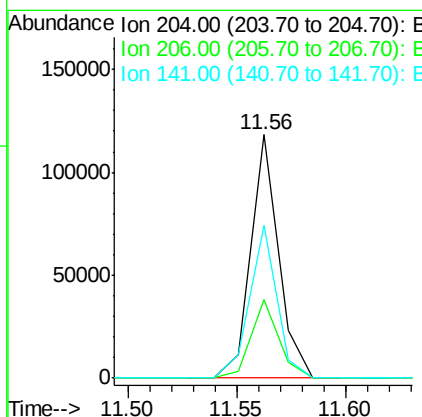
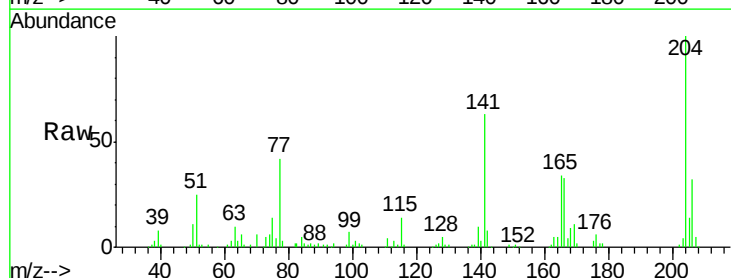
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

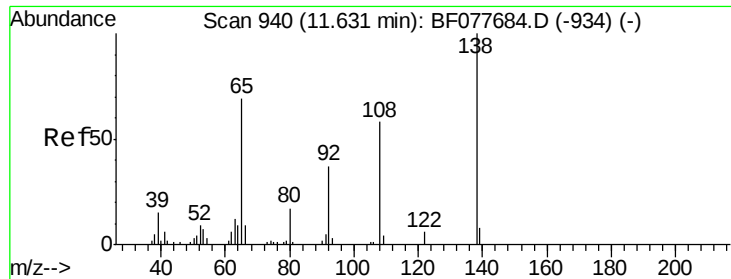
Tot Ion:149 Resp: 223185
Ion Ratio Lower Upper
149 100
177 20.3 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 36.96 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:204 Resp: 104894
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 62.6 45.2 67.8

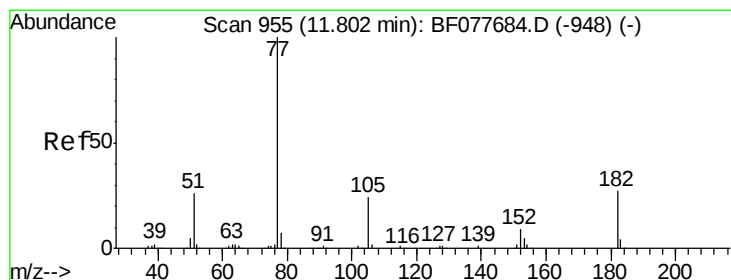
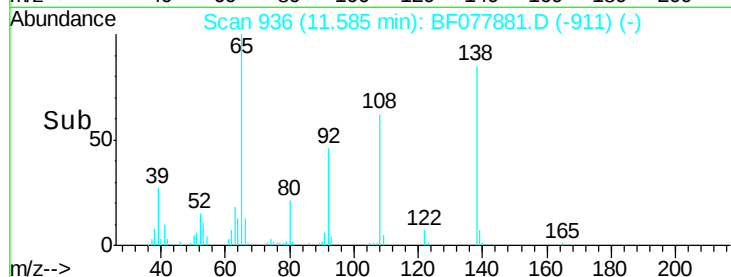
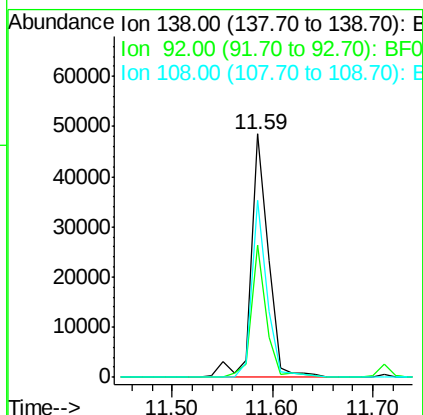
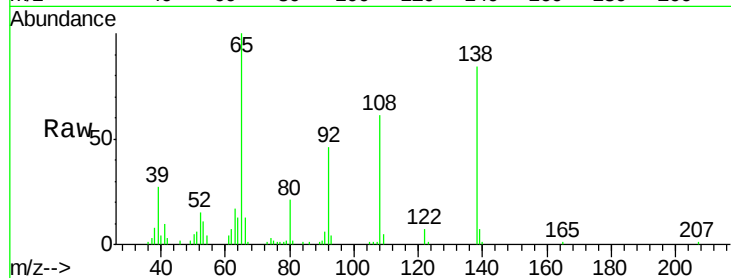




#61
4-Nitroaniline
Concen: 39.52 ng
RT: 11.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

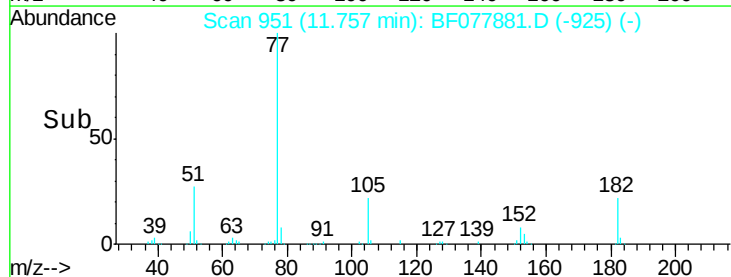
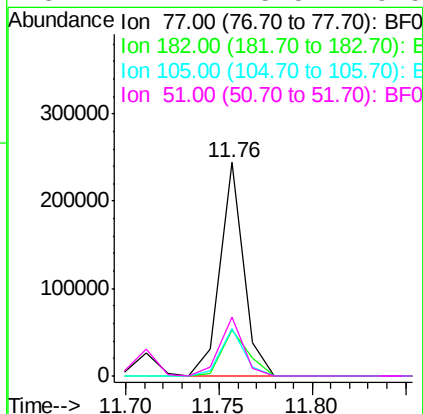
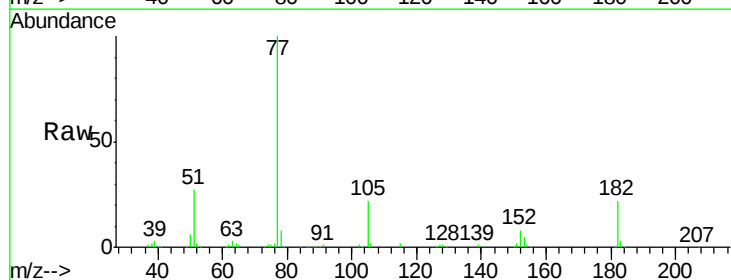
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

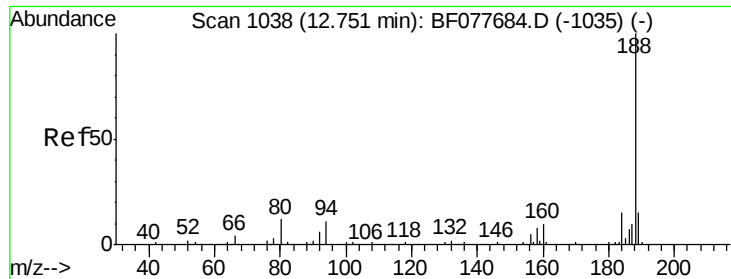
Tot Ion:138 Resp: 57334
Ion Ratio Lower Upper
138 100
92 54.5 16.7 56.7
108 72.5 37.6 77.6



#62
Azobenzene
Concen: 38.32 ng
RT: 11.76 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion: 77 Resp: 215757
Ion Ratio Lower Upper
77 100
182 21.9 6.5 46.5
105 22.3 3.8 43.8
51 27.4 5.5 45.5

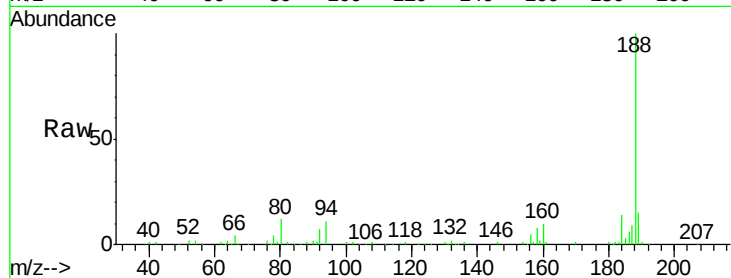




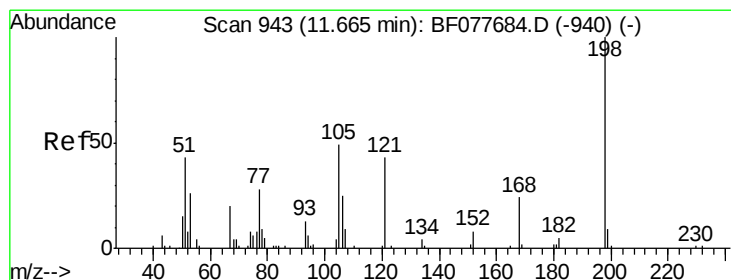
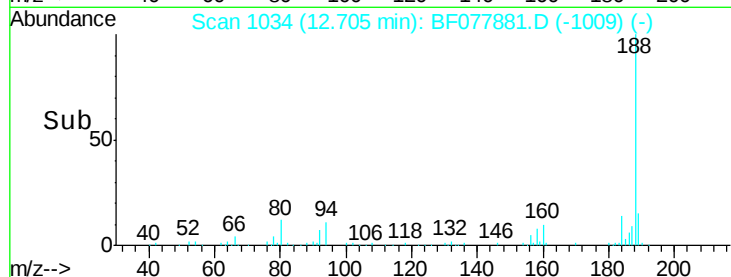
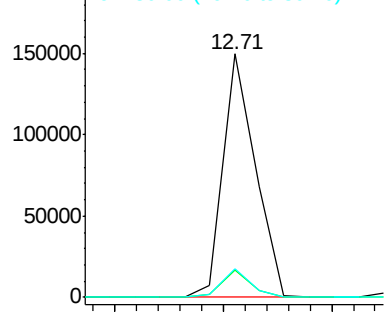
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 155303
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 11.9 9.3 13.9

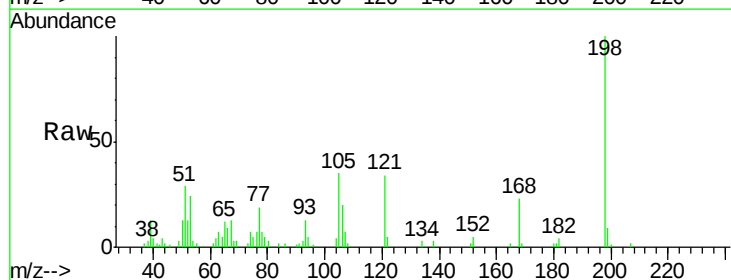


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

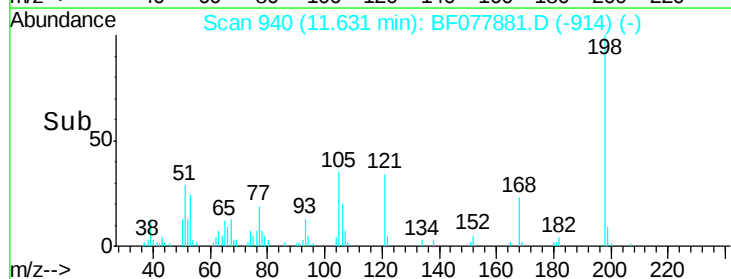
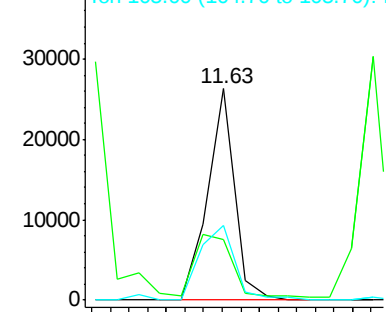


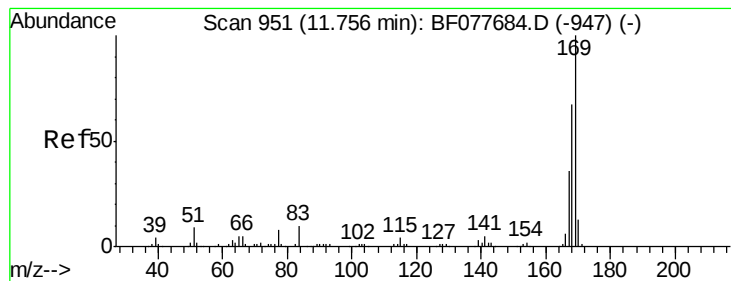
#64
4,6-Dinitro-2-methylphenol
Concen: 37.16 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:198 Resp: 26470
Ion Ratio Lower Upper
198 100
51 28.9 28.8 68.8
105 35.4 30.5 70.5



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: 39.59 ng

RT: 11.71 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

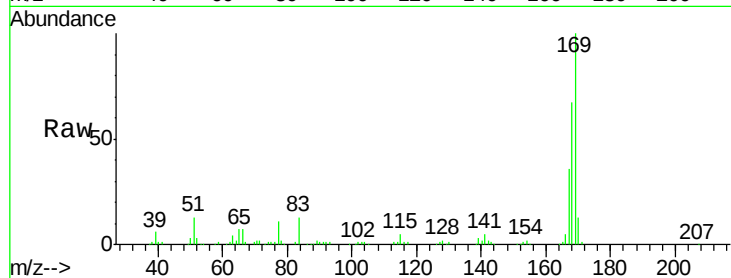
Tot Ion:169 Resp: 204734

Ion Ratio Lower Upper

169 100

168 66.6 53.9 80.9

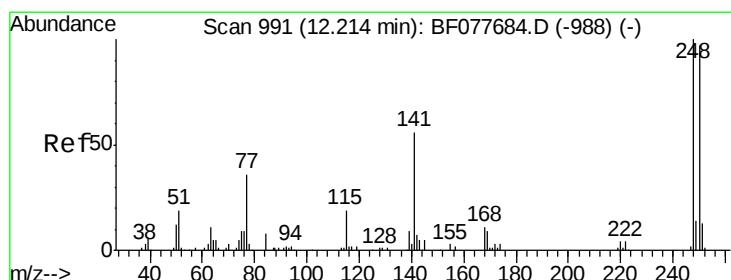
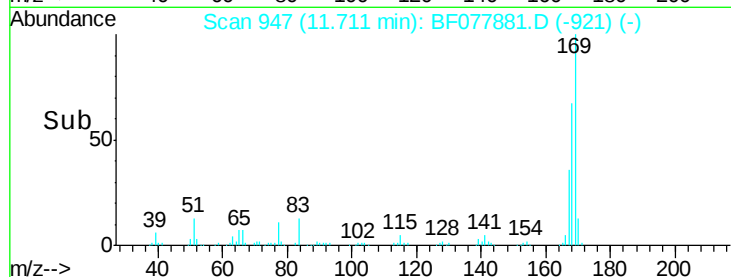
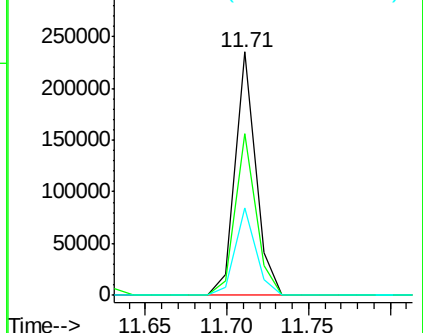
167 36.1 28.9 43.3



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: 38.53 ng

RT: 12.17 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

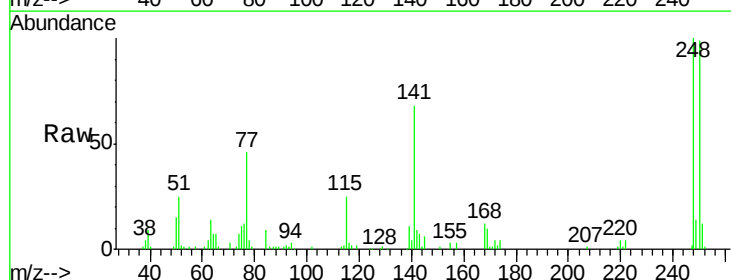
Tgt Ion:248 Resp: 63861

Ion Ratio Lower Upper

248 100

250 98.5 77.4 116.0

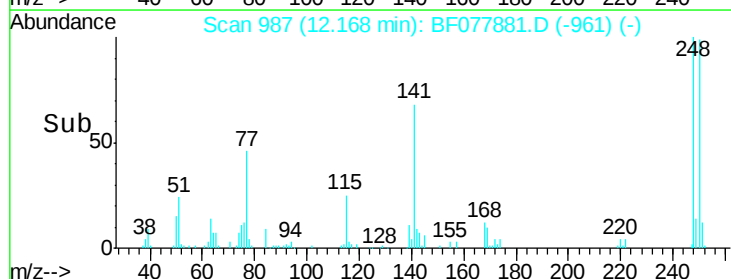
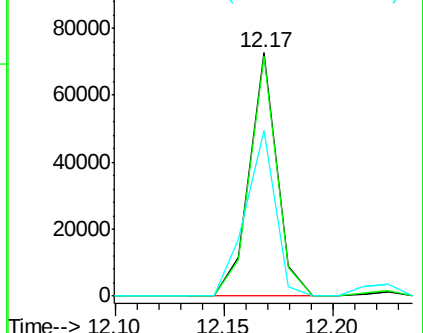
141 68.0 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

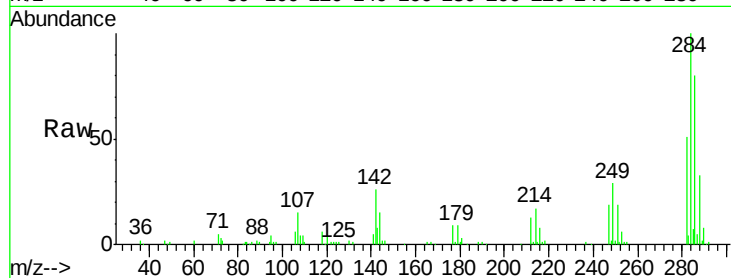




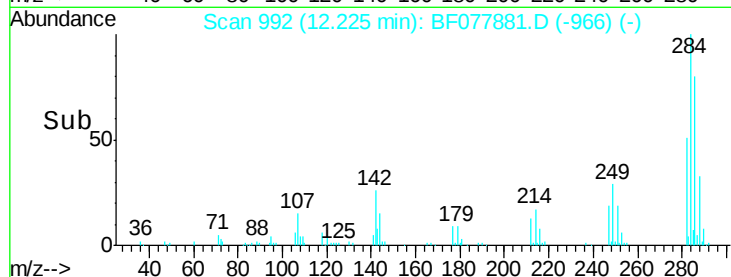
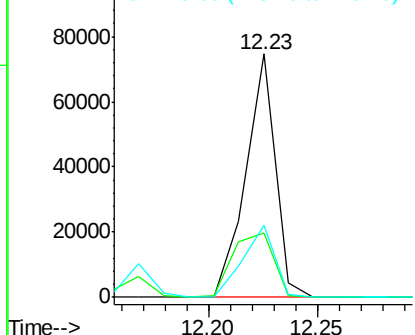
#67
Hexachlorobenzene
Concen: 38.63 ng
RT: 12.23 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 70351
Ion Ratio Lower Upper
284 100
142 26.2 20.4 30.6
249 29.4 23.8 35.6

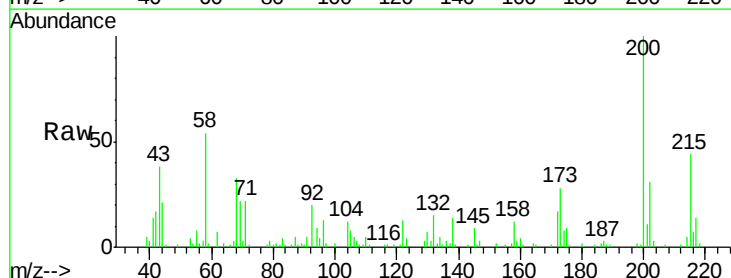


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

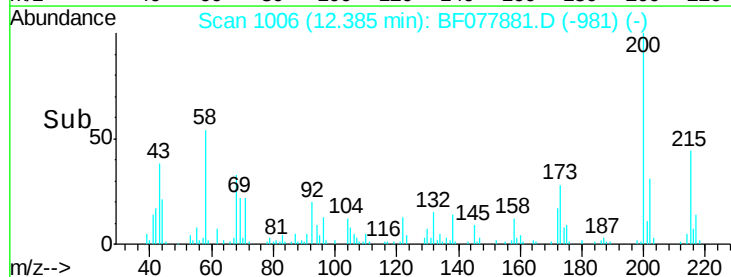
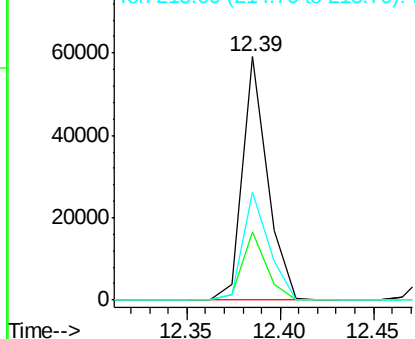


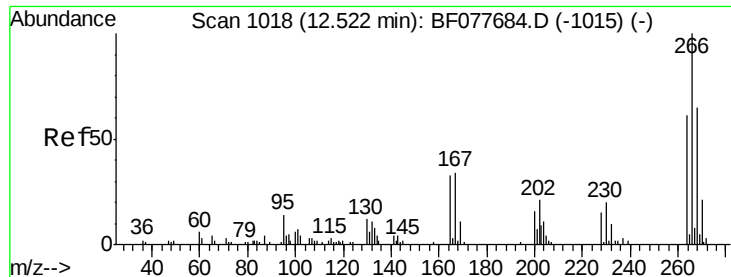
#68
Atrazine
Concen: 37.98 ng
RT: 12.39 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:200 Resp: 55034
Ion Ratio Lower Upper
200 100
173 27.8 4.8 44.8
215 44.4 26.9 66.9



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

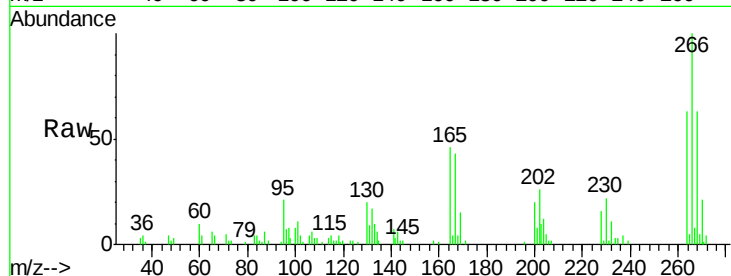




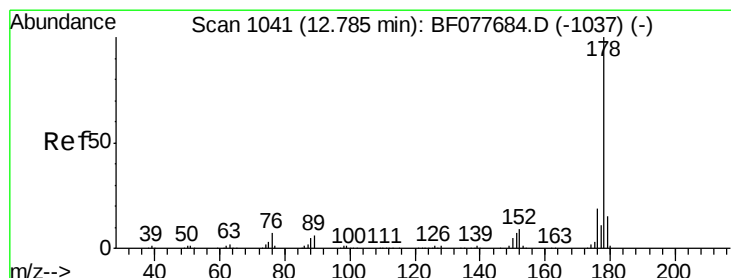
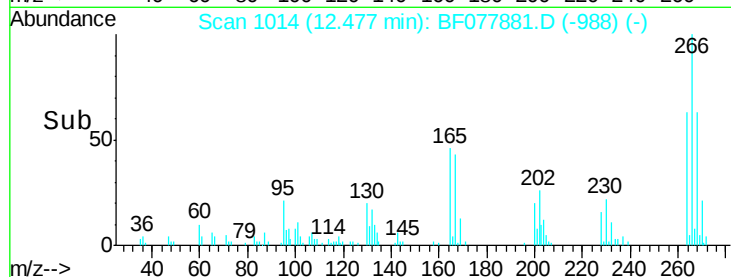
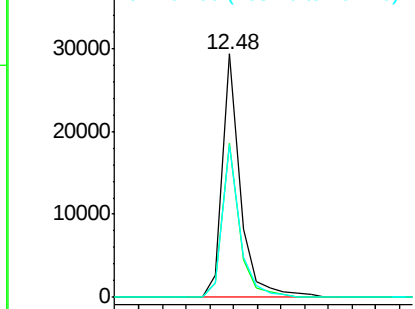
#69
 Pentachlorophenol
 Concen: 34.07 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 30745
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.0 78.0
 264 62.9 49.0 73.4

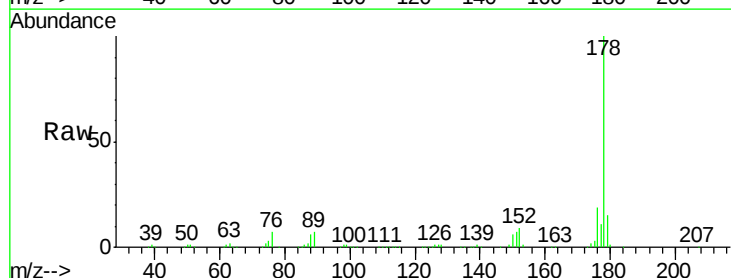


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

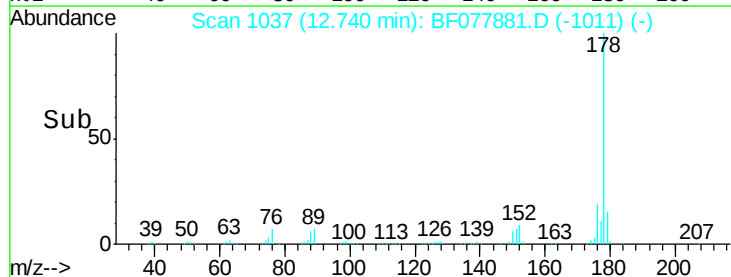
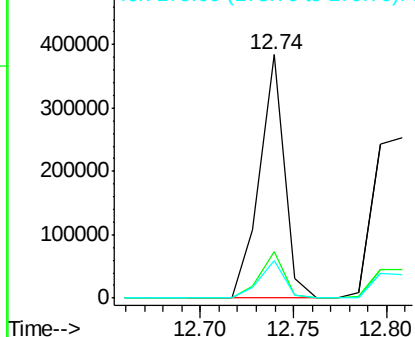


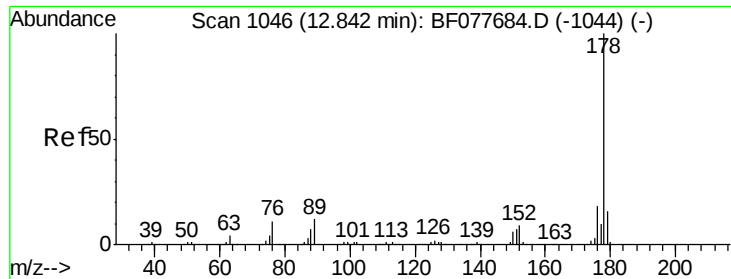
#70
 Phenanthrene
 Concen: 40.48 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion:178 Resp: 360865
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

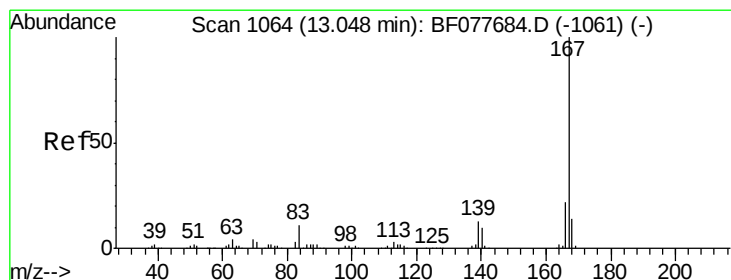
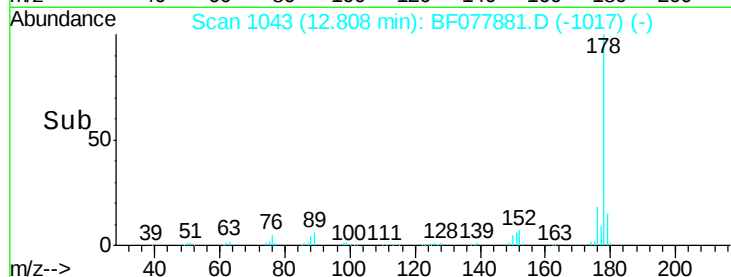
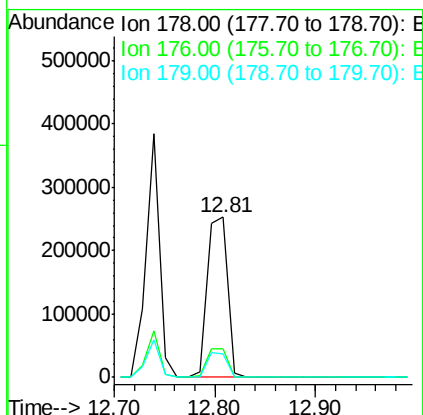
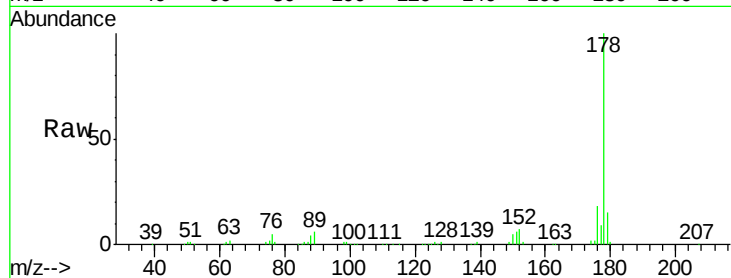




#71
 Anthracene
 Concen: 40.28 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

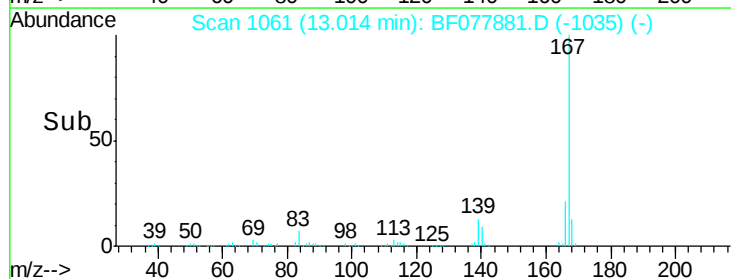
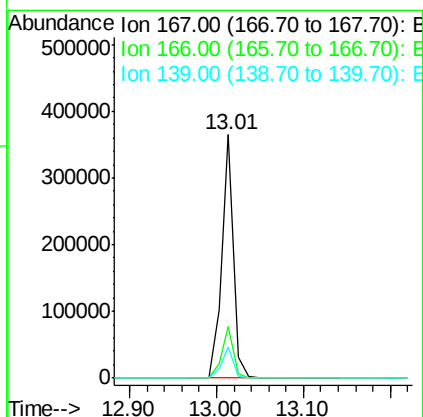
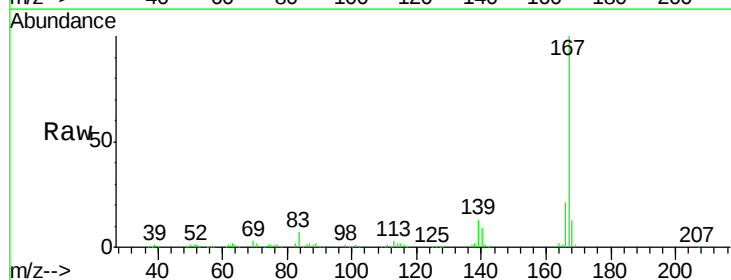
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 354818
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 41.44 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion:167 Resp: 347221
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.6 10.8 16.2

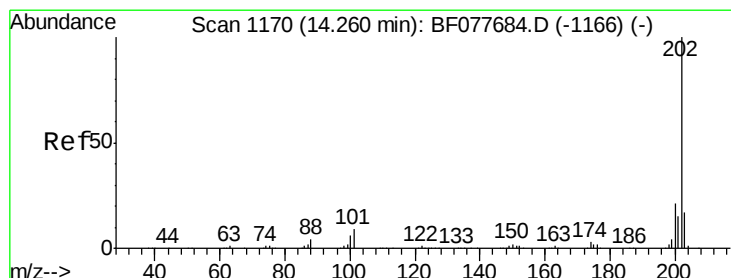
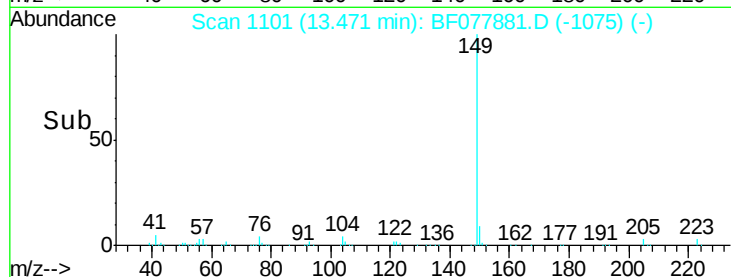
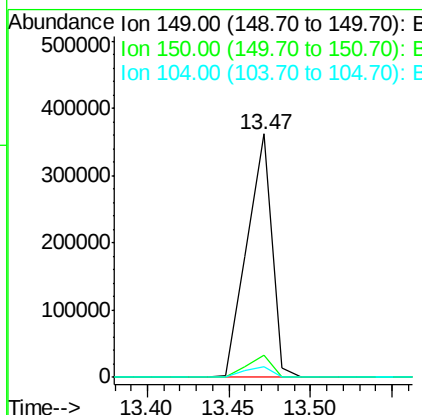
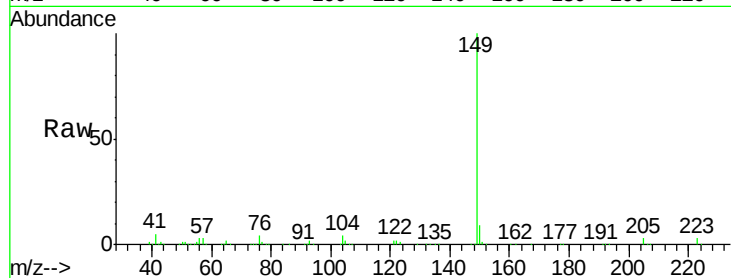




#73
Di-n-butylphthalate
Concen: 40.88 ng
RT: 13.47 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

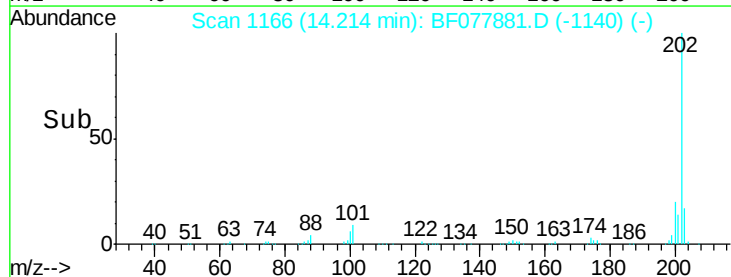
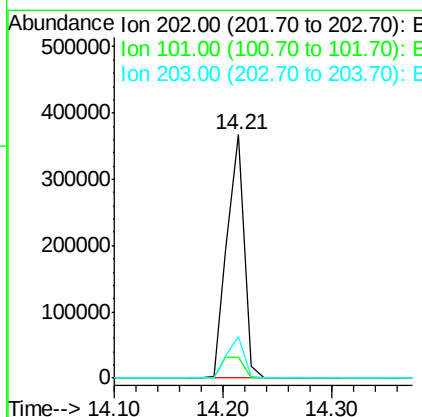
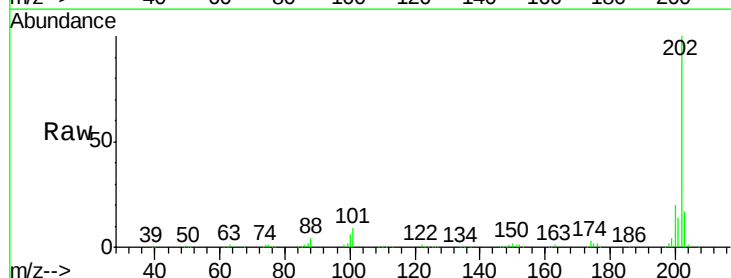
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

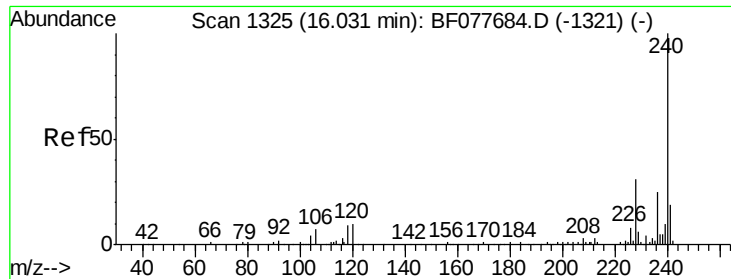
Tot Ion:149 Resp: 384094
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.3 3.7 5.5



#74
Fluoranthene
Concen: 40.88 ng
RT: 14.21 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:202 Resp: 401993
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.7
203 17.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

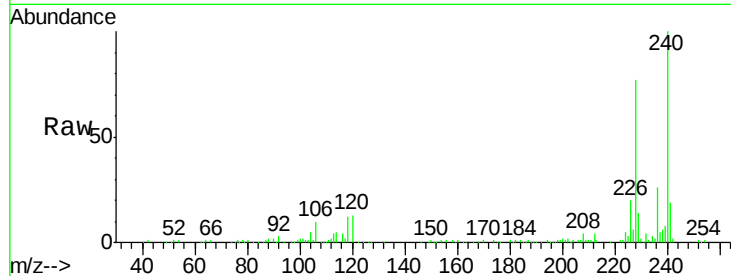
Tot Ion:240 Resp: 167102

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

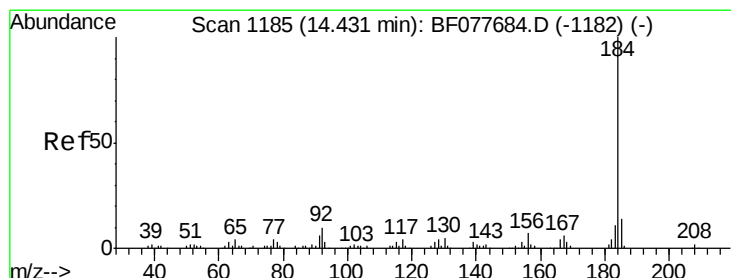
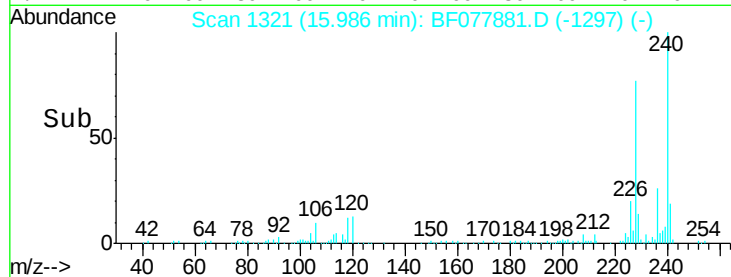
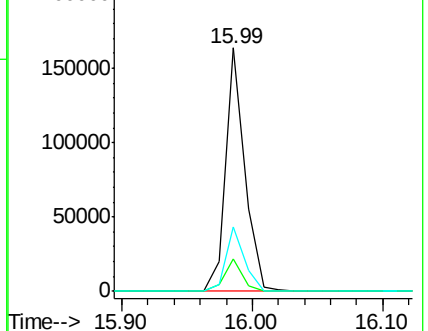
236 26.4 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.16 ng

RT: 14.40 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

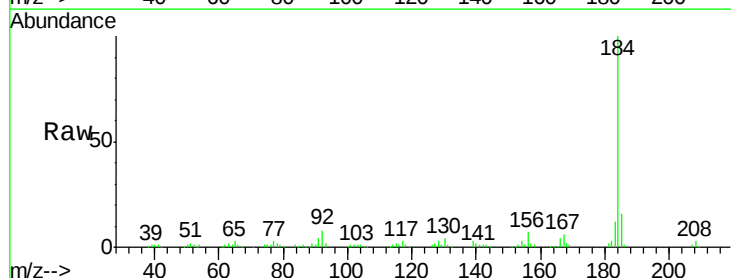
Tgt Ion:184 Resp: 141510

Ion Ratio Lower Upper

184 100

185 15.7 11.3 16.9

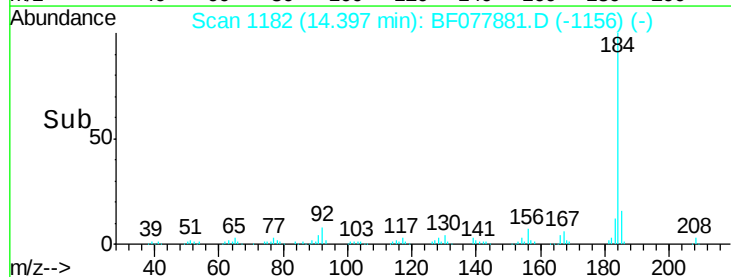
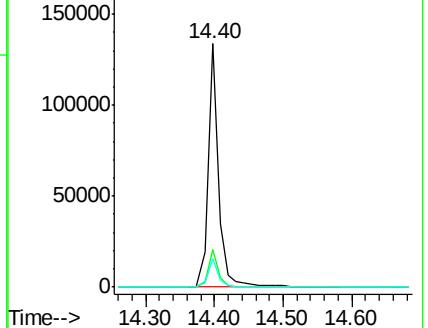
183 11.9 8.9 13.3

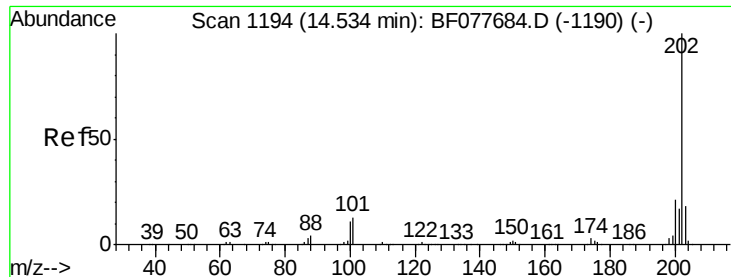


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

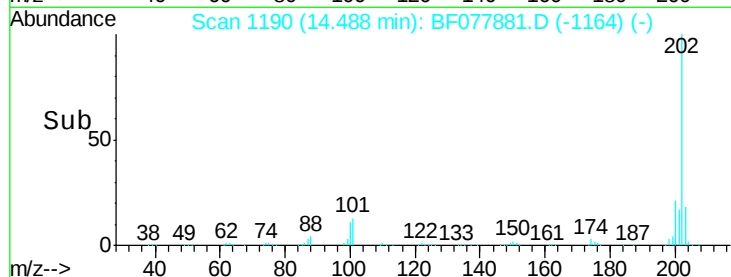
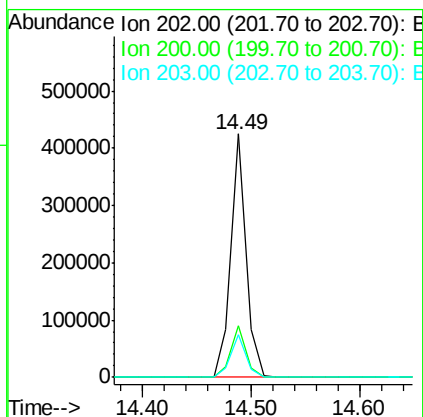
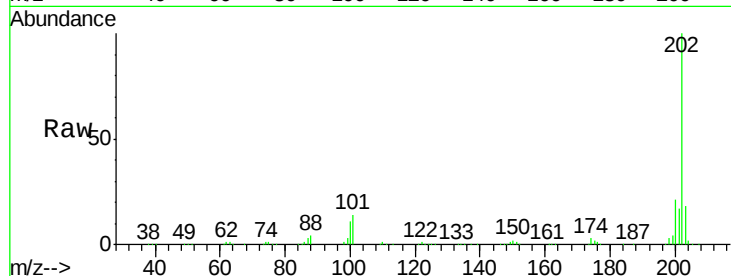




#77
Pvrene
Concen: 39.03 ng
RT: 14.49 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

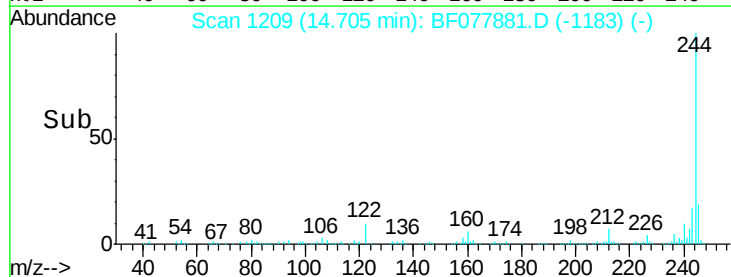
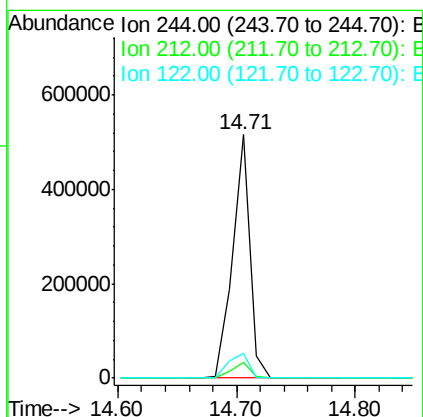
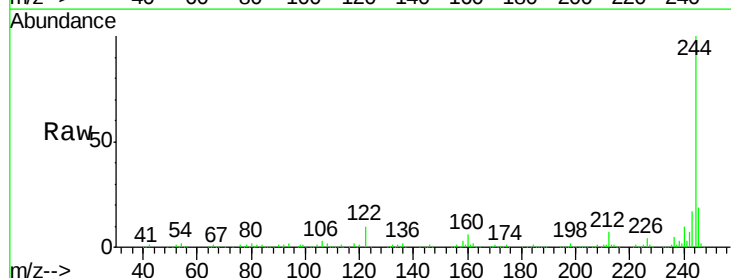
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

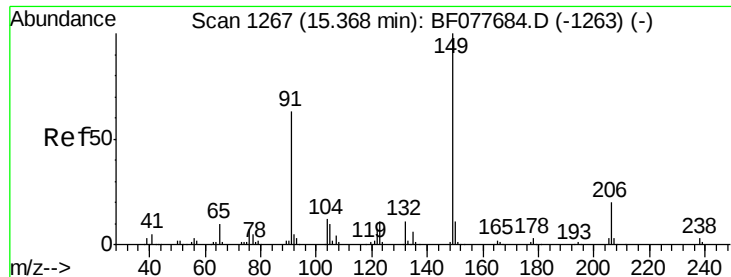
Tot Ion:202 Resp: 410071
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1



#78
Terphenyl-d14
Concen: 75.96 ng
RT: 14.71 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:244 Resp: 519664
Ion Ratio Lower Upper
244 100
212 6.6 4.9 7.3
122 10.3 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 38.46 ng

RT: 15.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

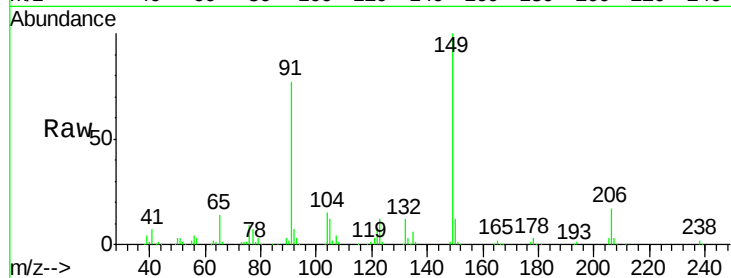
Tot Ion:149 Resp: 159336

Ion Ratio Lower Upper

149 100

91 76.8 50.1 75.1#

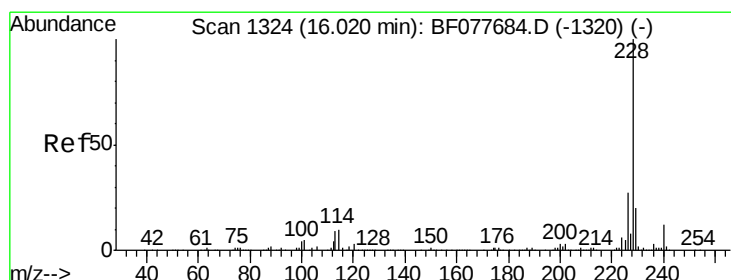
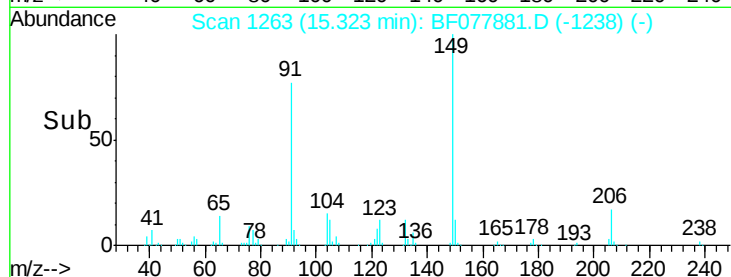
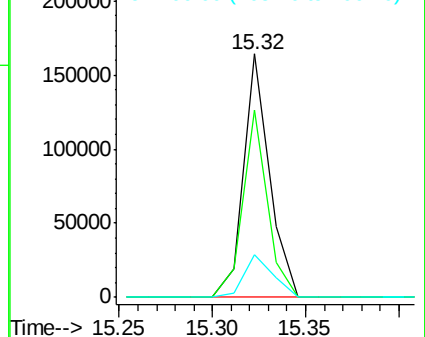
206 17.3 16.2 24.2



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: 39.76 ng

RT: 15.97 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

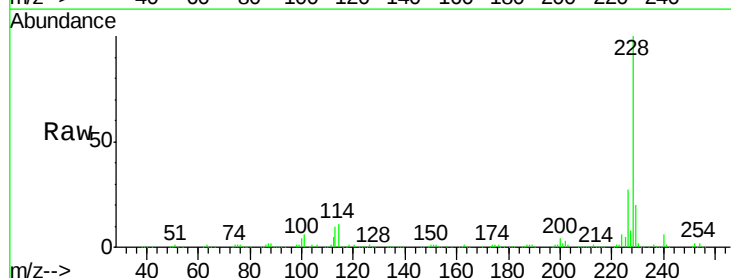
Tgt Ion:228 Resp: 393797

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

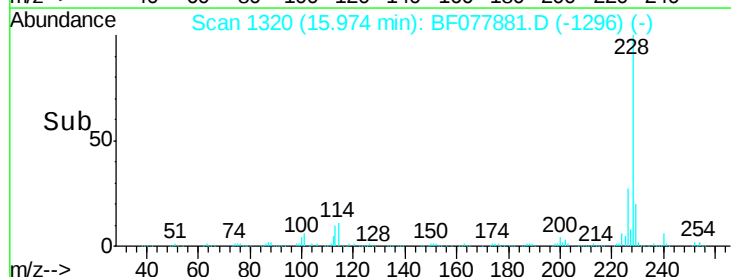
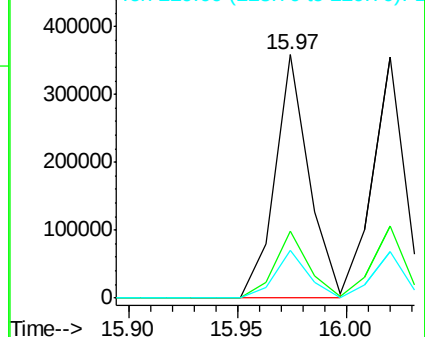
229 19.8 16.0 24.0

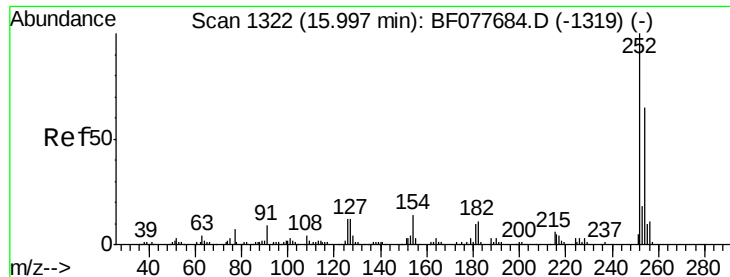


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

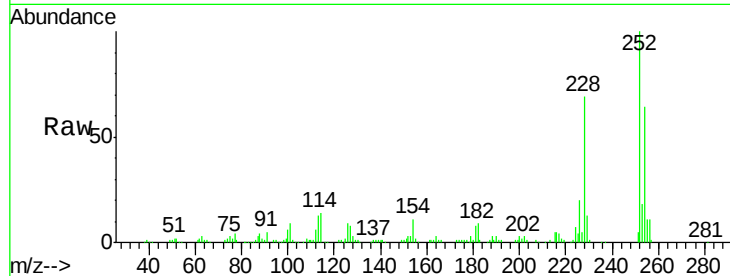




#81
 3,3'-Dichlorobenzidine
 Concen: 39.64 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	8.8	9.8	14.8

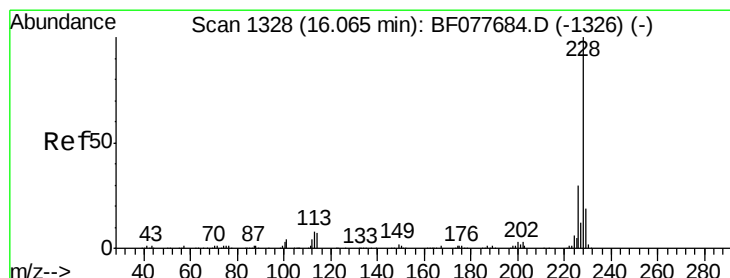
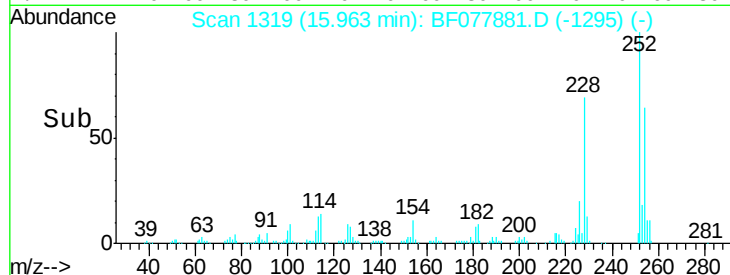
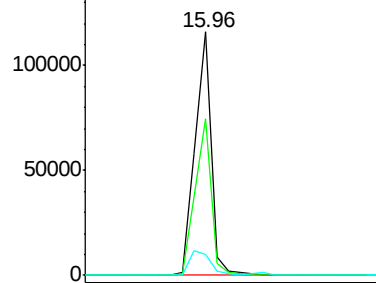


Abundance

Ion 252.00 (251.70 to 252.70): E

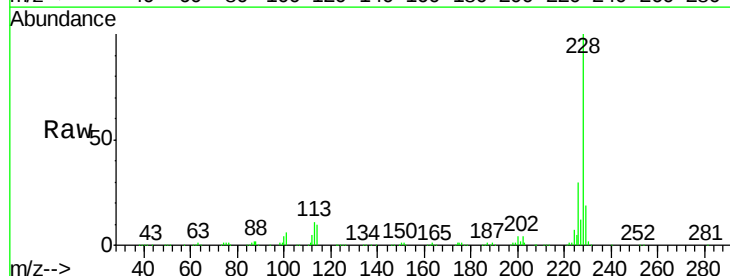
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.96 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF077881.D
 Acq: 21 Mar 2015 00:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.5	15.5	23.3

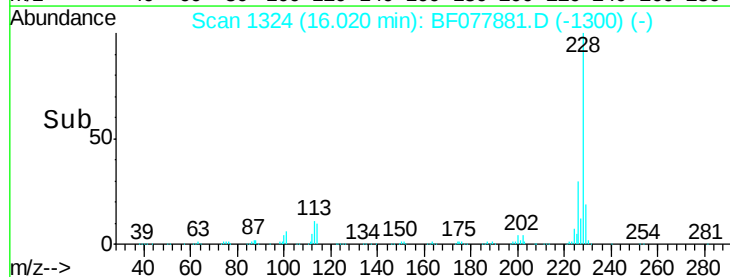
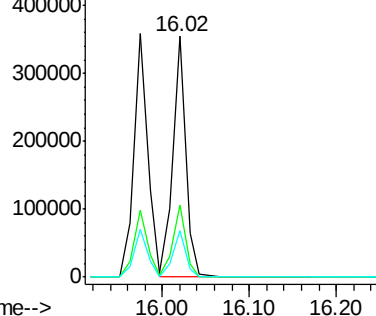


Abundance

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: 38.06 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.03 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

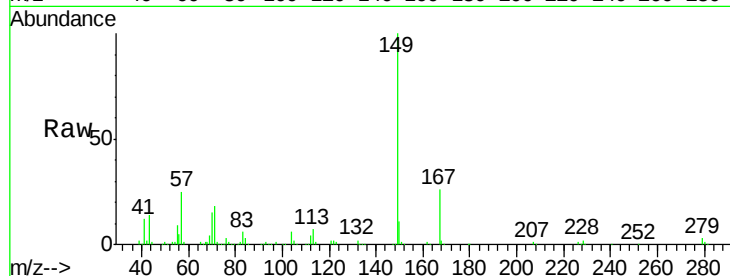
Tot Ion:149 Resp: 238855

Ion Ratio Lower Upper

149 100

167 26.0 22.4 33.6

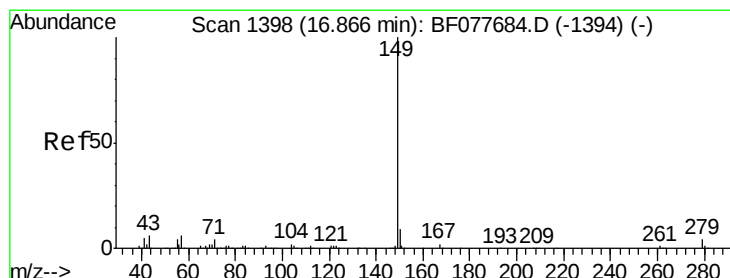
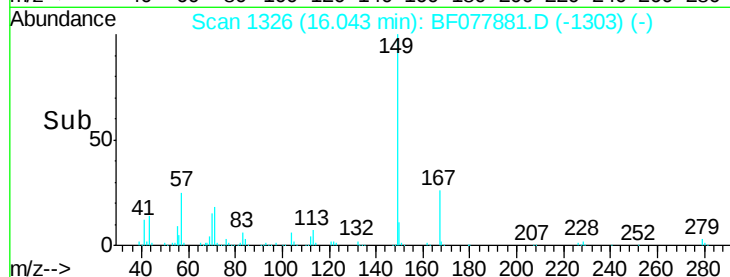
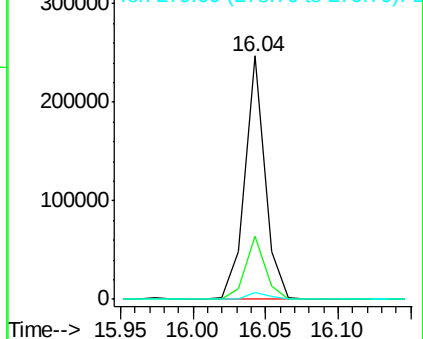
279 2.9 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.86 ng

RT: 16.83 min Scan# 1395

Delta R.T. -0.08 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

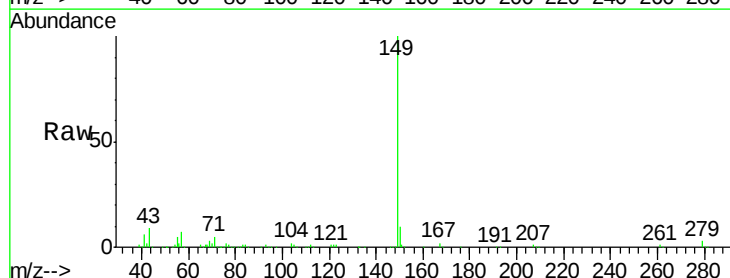
Tgt Ion:149 Resp: 406200

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

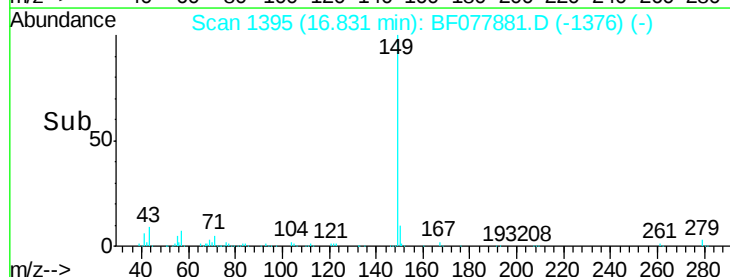
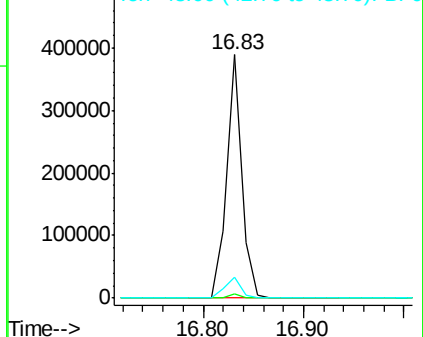
43 9.5 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

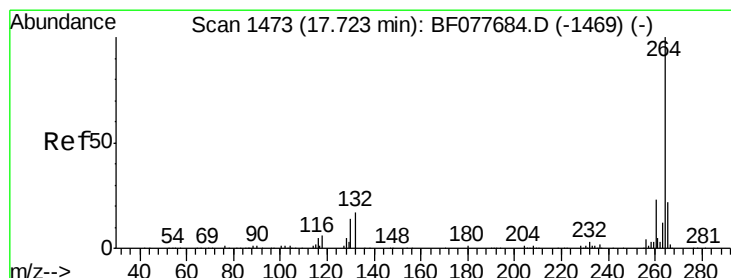
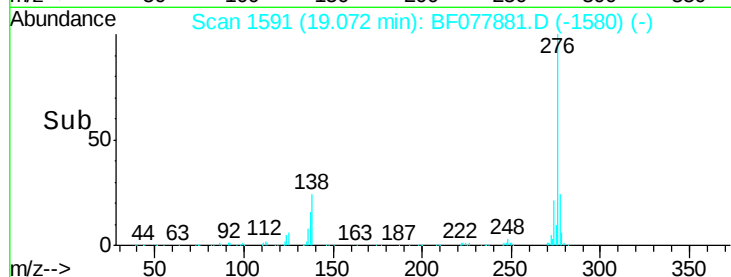
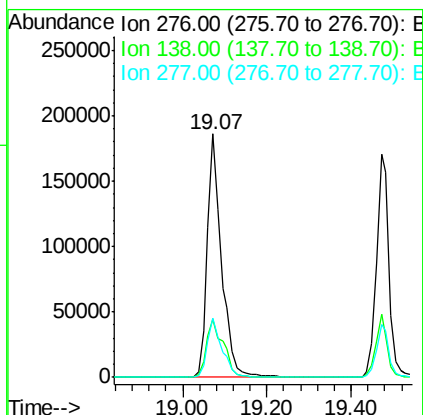
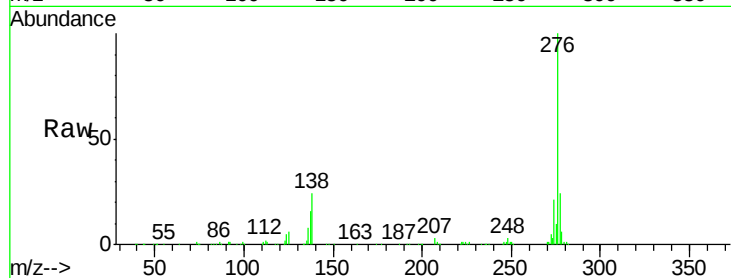




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.55 ng
RT: 19.07 min Scan# 1591
Delta R.T. -0.17 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

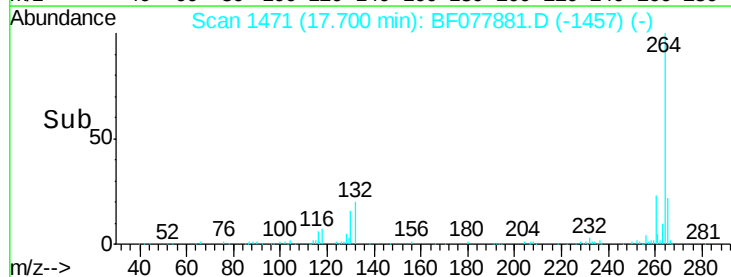
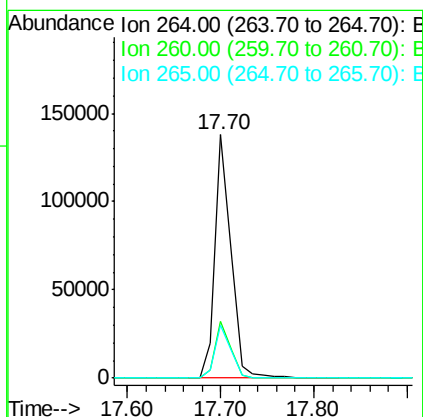
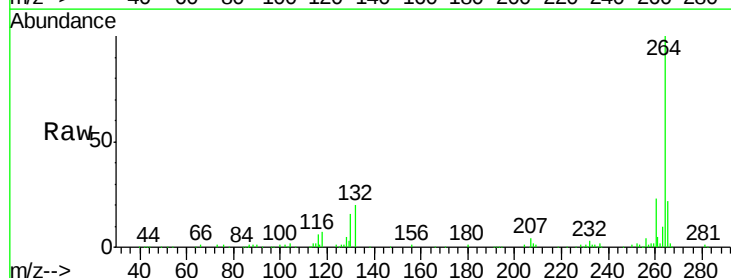
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 439655
Ion Ratio Lower Upper
276 100
138 28.4 0.0 0.0#
277 24.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.14 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:264 Resp: 163484
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 34.73 ng

RT: 17.27 min Scan# 1433

Delta R.T. -0.10 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

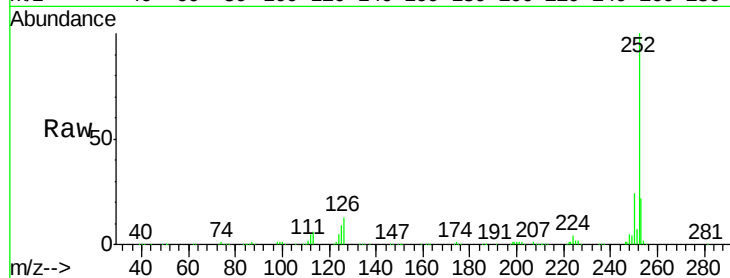
Tot Ion:252 Resp: 370667

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

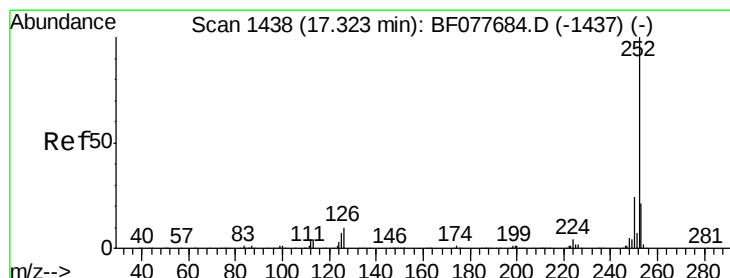
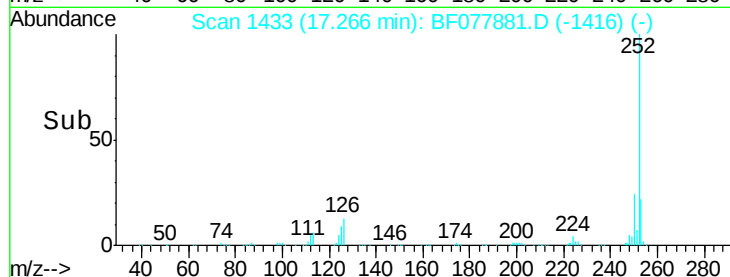
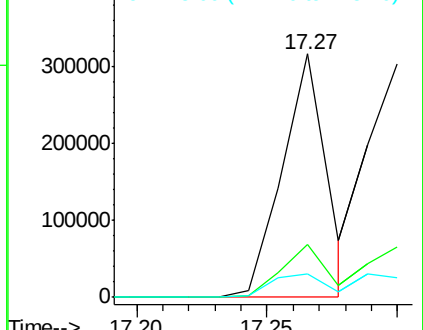
125 9.5 9.9 14.9#



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: 46.41 ng m

RT: 17.30 min Scan# 1436

Delta R.T. -0.10 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

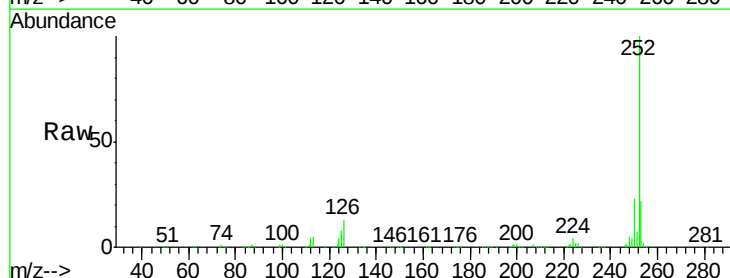
Tgt Ion:252 Resp: 386904

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

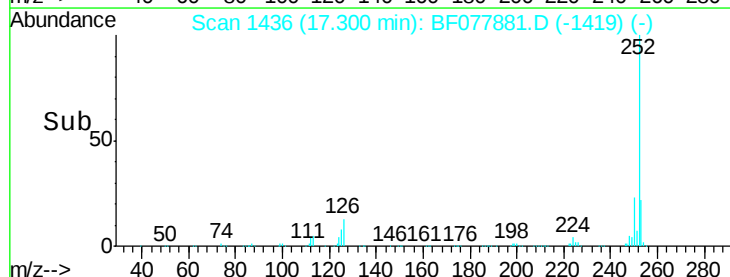
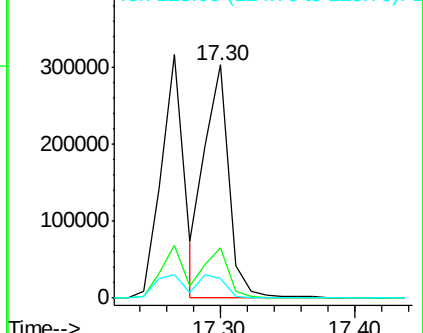
125 8.4 8.1 12.1

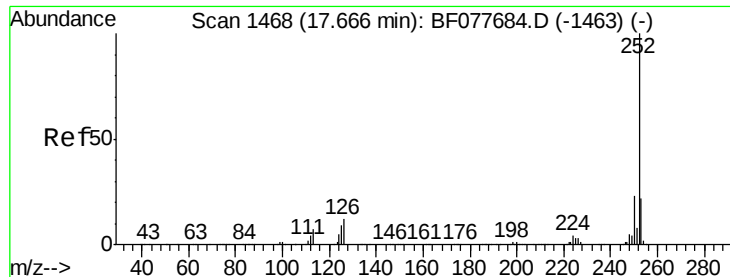


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

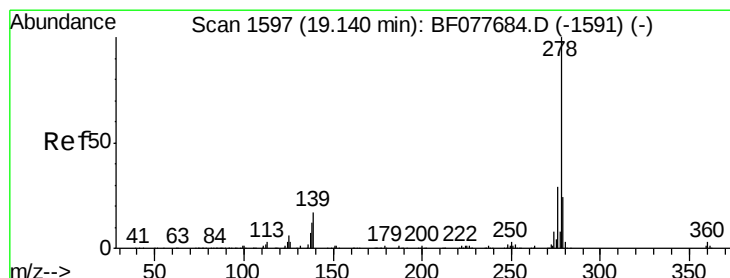
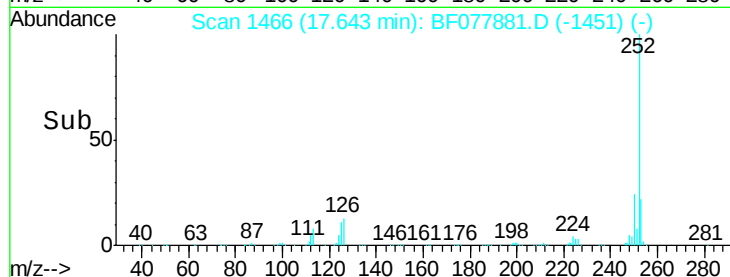
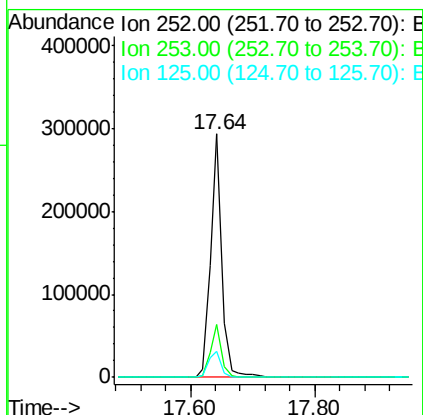
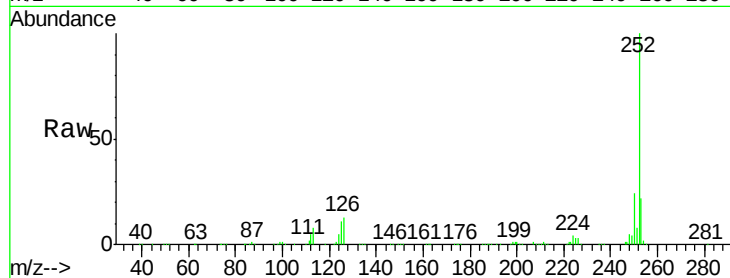




#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 17.64 min Scan# 1466
Delta R.T. -0.13 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

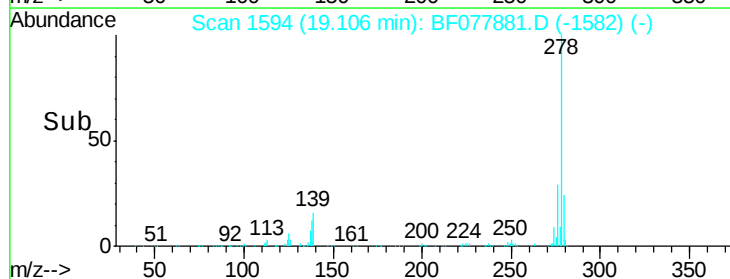
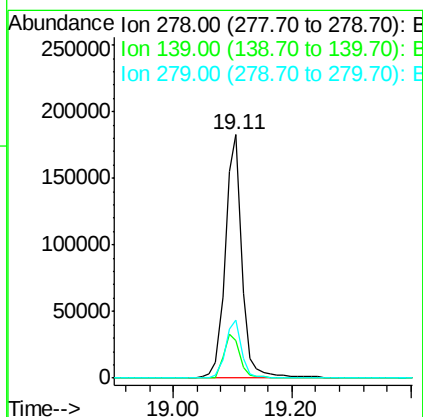
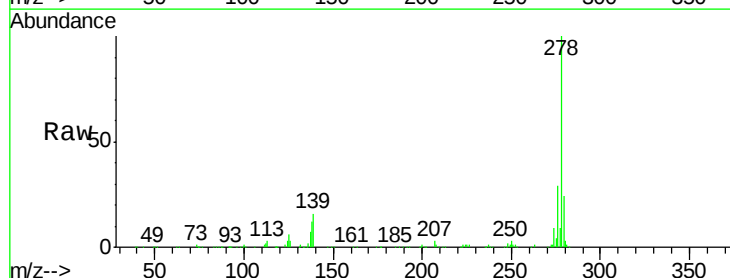
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 363702
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.7 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 40.35 ng
RT: 19.11 min Scan# 1594
Delta R.T. -0.16 min
Lab File: BF077881.D
Acq: 21 Mar 2015 00:43

Tgt Ion:278 Resp: 356356
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.32 ng

RT: 19.47 min Scan# 1626

Delta R.T. -0.17 min

Lab File: BF077881.D

Acq: 21 Mar 2015 00:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

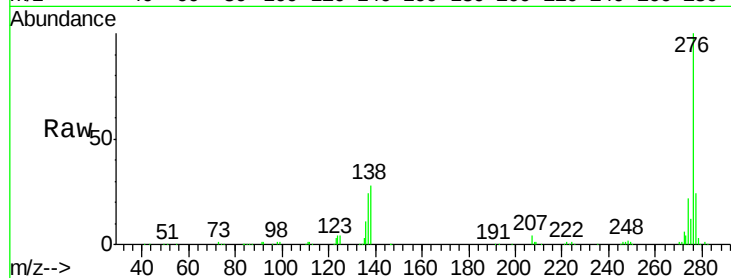
Tot Ion:276 Resp: 362516

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 28.3 19.0 28.6



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

