

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077482.D
 Acq On : 27 Feb 2015 00:45
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 27 07:15:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	57625	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	239594	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	119226	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	231731	20.00	ng	0.00
75) Chrysene-d12	16.15	240	254205	20.00	ng	0.00
86) Perylene-d12	17.89	264	245046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	271344	78.61	ng	0.00
7) Phenol-d6	6.82	99	330361	74.44	ng	0.00
23) Nitrobenzene-d5	7.96	82	300203	77.92	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	96826	84.34	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	664022	86.84	ng	0.00
78) Terphenyl-d14	14.86	244	786613	72.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	58567	39.98	ng	94
3) Pyridine	2.95	79	161550	38.55	ng	98
4) n-Nitrosodimethylamine	2.86	42	58708	32.22	ng	98
6) Aniline	6.85	93	233732	38.10	ng	98
8) 2-Chlorophenol	7.00	128	153968	37.81	ng	84
9) Benzaldehyde	6.71	77	114978	42.67	ng	99
10) Phenol	6.84	94	193523	36.75	ng	88
11) bis(2-Chloroethyl)ether	6.96	93	149527	39.52	ng	96
12) 1,3-Dichlorobenzene	7.19	146	172557	38.92	ng	# 88
13) 1,4-Dichlorobenzene	7.29	146	173492	38.46	ng	96
14) 1,2-Dichlorobenzene	7.47	146	165137	38.49	ng	99
15) Benzyl Alcohol	7.45	79	131158	38.88	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.63	45	201217	37.20	ng	99
17) 2-Methylphenol	7.59	107	119884	37.67	ng	96
18) Hexachloroethane	7.89	117	58179	38.62	ng	98
19) n-Nitroso-di-n-propylamine	7.78	70	104890	37.22	ng	99
20) 3+4-Methylphenols	7.78	107	158566	37.83	ng	91
22) Acetophenone	7.77	105	207783	36.87	ng	# 91
24) Nitrobenzene	7.98	77	154375	38.08	ng	98
25) Isophorone	8.28	82	281426	36.82	ng	100
26) 2-Nitrophenol	8.37	139	71685	43.15	ng	98
27) 2,4-Dimethylphenol	8.44	122	133593	35.94	ng	94
28) bis(2-Chloroethoxy)methane	8.56	93	170331	35.27	ng	98
29) 2,4-Dichlorophenol	8.67	162	135571	38.85	ng	96
30) 1,2,4-Trichlorobenzene	8.78	180	142699	37.20	ng	99
31) Naphthalene	8.87	128	442824	36.96	ng	99
32) Benzoic acid	8.52	122	71327	39.49	ng	96
33) 4-Chloroaniline	8.94	127	201507	37.83	ng	98
34) Hexachlorobutadiene	9.03	225	81691	37.30	ng	98
35) Caprolactam	9.36	113	39170	36.77	ng	93
36) 4-Chloro-3-methylphenol	9.54	107	129163	36.82	ng	90
37) 2-Methylnaphthalene	9.73	142	311869	36.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	141875	41.47	ng	98
40) Hexachlorocyclopentadiene	9.92	237	76177	41.53	ng	97

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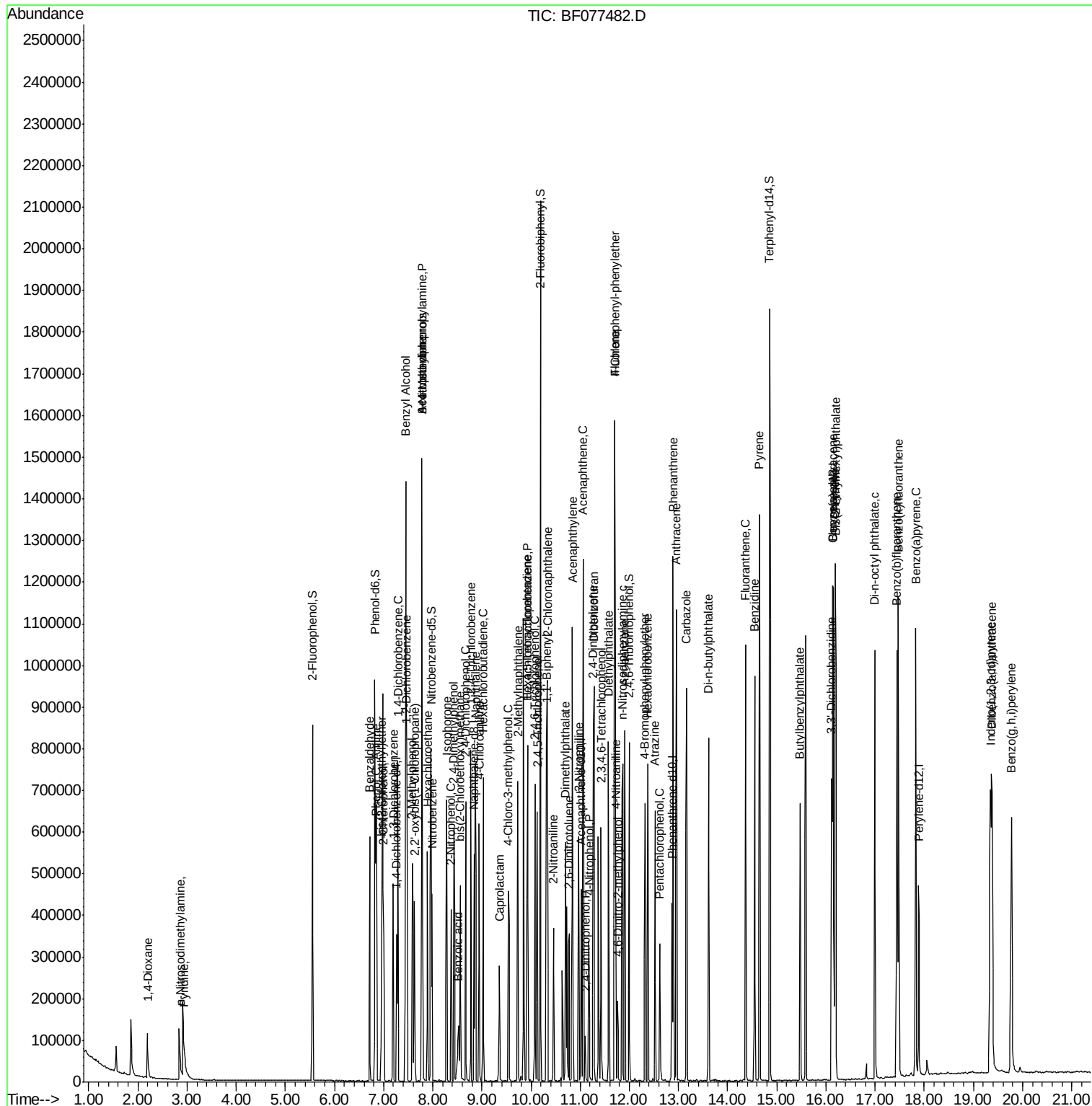
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	100047	44.16	ng	99
43) 2,4,5-Trichlorophenol	10.12	196	106721	44.05	ng	96
45) 1,1'-Biphenyl	10.31	154	377593	41.80	ng	99
46) 2-Chloronaphthalene	10.33	162	296541	41.86	ng	100
47) 2-Nitroaniline	10.46	65	75752	43.44	ng	99
48) Acenaphthylene	10.84	152	473161	42.19	ng	100
49) Dimethylphthalate	10.70	163	344009	41.05	ng	97
50) 2,6-Dinitrotoluene	10.77	165	74597	44.38	ng	99
51) Acenaphthene	11.06	154	279303	41.74	ng	99
52) 3-Nitroaniline	10.97	138	88108	45.47	ng	99
53) 2,4-Dinitrophenol	11.10	184	21638	42.31	ng	99
54) Dibenzofuran	11.27	168	432354	41.84	ng	97
55) 4-Nitrophenol	11.18	139	65019	41.72	ng	# 59
56) 2,4-Dinitrotoluene	11.26	165	98713	43.47	ng	95
57) Fluorene	11.70	166	342349	41.44	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	83508	42.88	ng	97
59) Diethylphthalate	11.58	149	332218	40.21	ng	99
60) 4-Chlorophenyl-phenylether	11.71	204	162444	40.81	ng	99
61) 4-Nitroaniline	11.72	138	84181	45.33	ng	98
62) Azobenzene	11.90	77	326241	41.62	ng	97
64) 4,6-Dinitro-2-methylphenol	11.76	198	32774	36.42	ng	97
65) n-Nitrosodiphenylamine	11.85	169	292589	38.05	ng	99
66) 4-Bromophenyl-phenylether	12.32	248	102269	37.69	ng	96
67) Hexachlorobenzene	12.37	284	105166	36.11	ng	92
68) Atrazine	12.53	200	87465	34.99	ng	99
69) Pentachlorophenol	12.62	266	54879	35.85	ng	98
70) Phenanthrene	12.89	178	507478	37.78	ng	99
71) Anthracene	12.95	178	524940	39.38	ng	99
72) Carbazole	13.16	167	501048	39.54	ng	99
73) Di-n-butylphthalate	13.61	149	560488	37.66	ng	99
74) Fluoranthene	14.37	202	561554	38.28	ng	97
76) Benzidine	14.55	184	384421	44.76	ng	98
77) Pyrene	14.65	202	588307	37.83	ng	100
79) Butylbenzylphthalate	15.48	149	241668	37.78	ng	93
80) Benzo(a)anthracene	16.14	228	562804	37.78	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	212513	38.93	ng	# 96
82) Chrysene	16.18	228	528245	37.76	ng	97
83) Bis(2-ethylhexyl)phthalate	16.20	149	374465	36.50	ng	99
84) Di-n-octyl phthalate	16.99	149	621863	36.31	ng	99
85) Indeno(1,2,3-cd)pyrene	19.35	276	619186	38.82	ng	99
87) Benzo(b)fluoranthene	17.44	252	586019	41.13	ng	# 97
88) Benzo(k)fluoranthene	17.47	252	483430	34.62	ng	99
89) Benzo(a)pyrene	17.82	252	539589	39.76	ng	98
90) Dibenzo(a,h)anthracene	19.38	278	518863	40.09	ng	97
91) Benzo(g,h,i)perylene	19.77	276	533881	40.87	ng	# 94

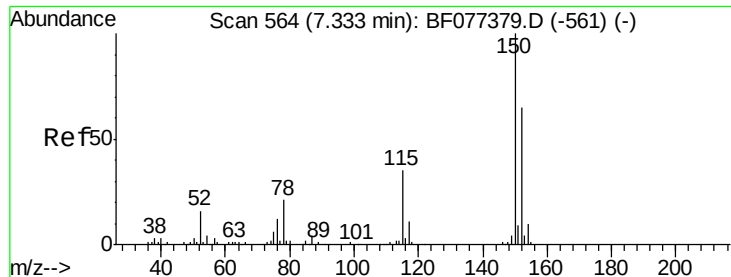
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : TP/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

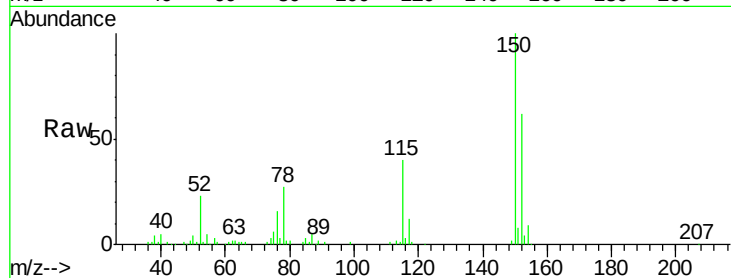
Tgt Ion:152 Resp: 57625

Ion Ratio Lower Upper

152 100

150 161.7 124.0 186.0

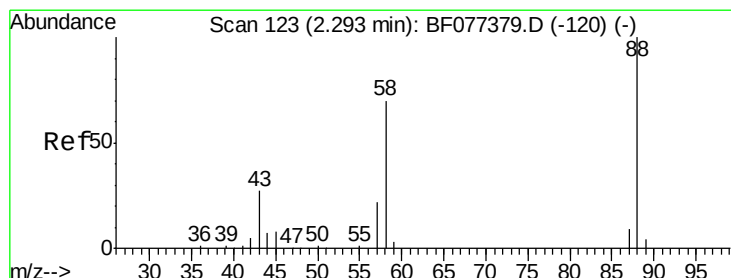
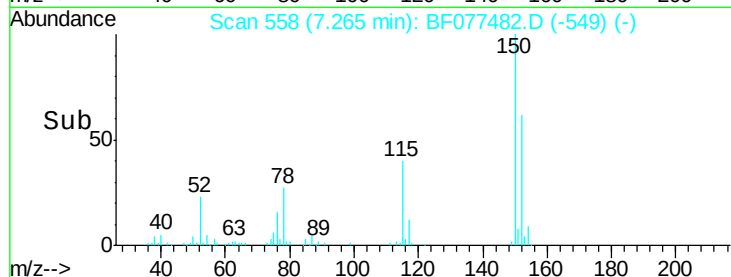
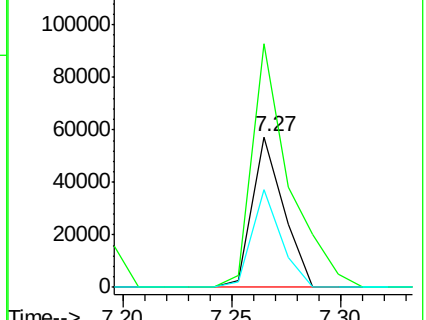
115 65.1 49.4 74.2



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: 39.98 ng

RT: 2.20 min Scan# 115

Delta R.T. 0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

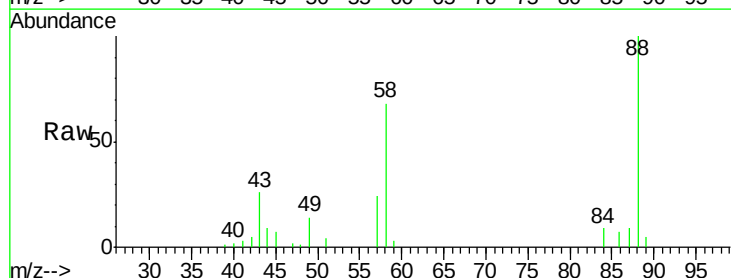
Tgt Ion: 88 Resp: 58567

Ion Ratio Lower Upper

88 100

58 69.8 62.1 93.1

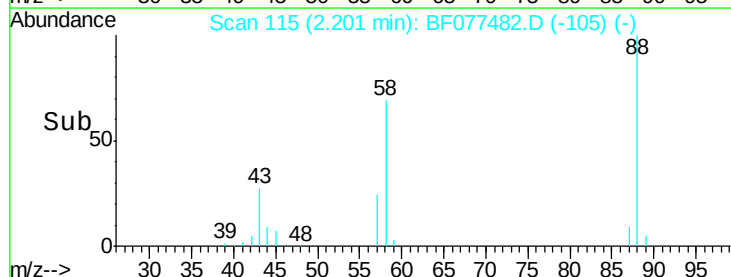
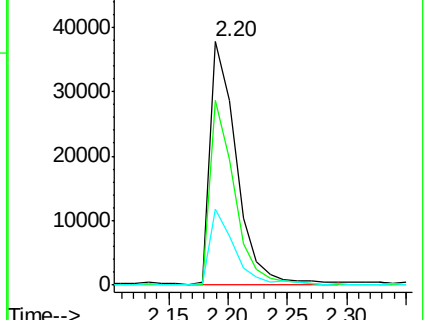
43 30.0 24.0 36.0

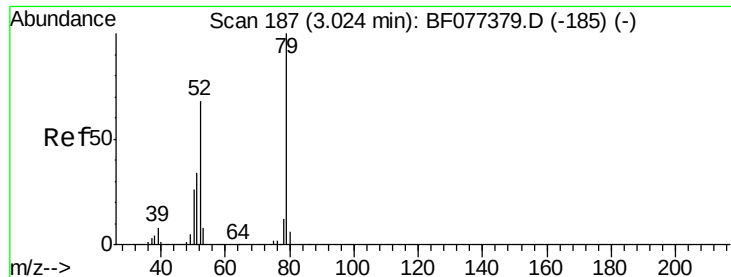


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.55 ng

RT: 2.95 min Scan# 180

Delta R.T. 0.04 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

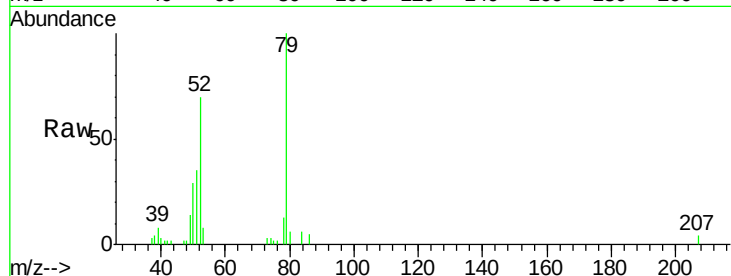
Tgt Ion: 79 Resp: 161550

Ion Ratio Lower Upper

79 100

52 70.4 57.7 86.5

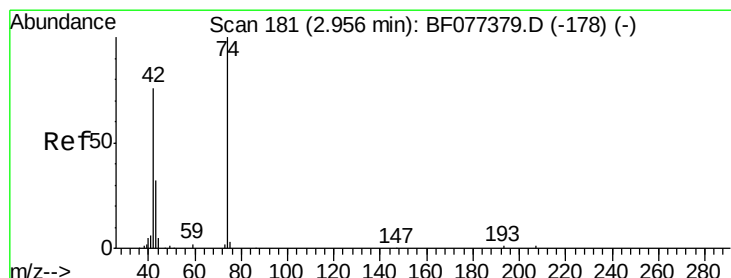
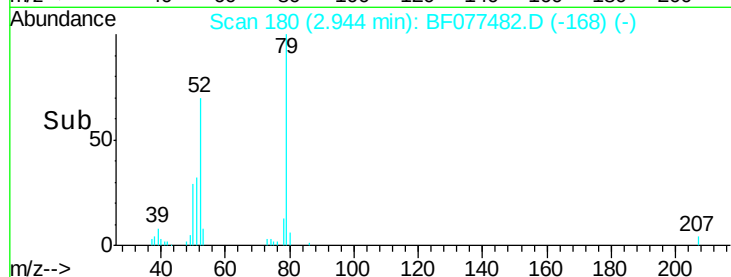
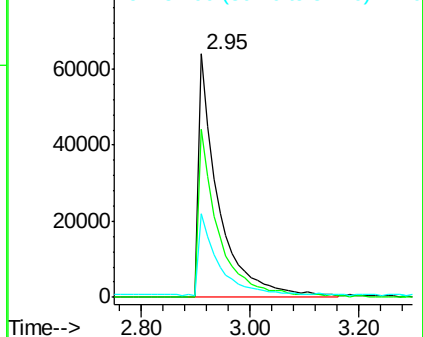
51 35.3 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.22 ng

RT: 2.86 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

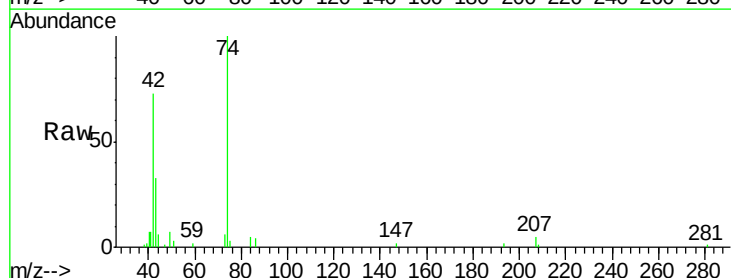
Tgt Ion: 42 Resp: 58708

Ion Ratio Lower Upper

42 100

74 136.9 107.1 160.7

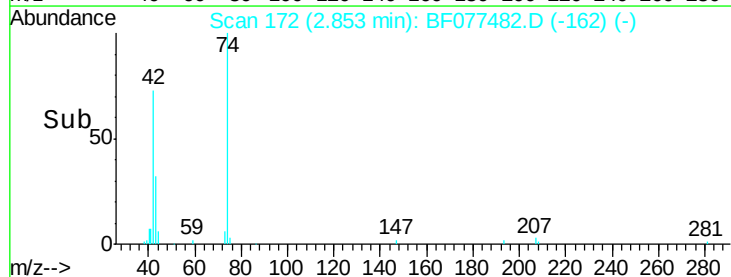
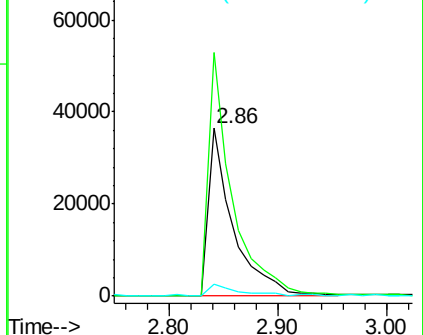
44 8.0 6.7 10.1

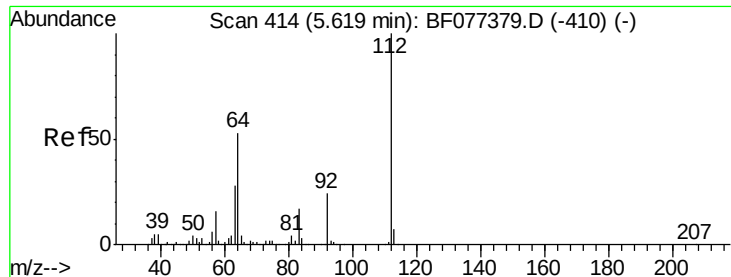


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.61 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077482.D

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SSTDCCC040

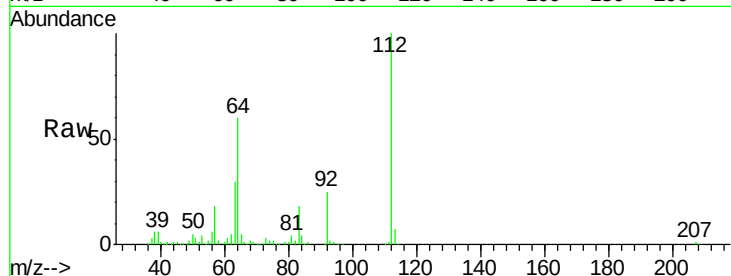
Tgt Ion: 112 Resp: 271344

Ion Ratio Lower Upper

112 100

64 59.6 48.5 72.7

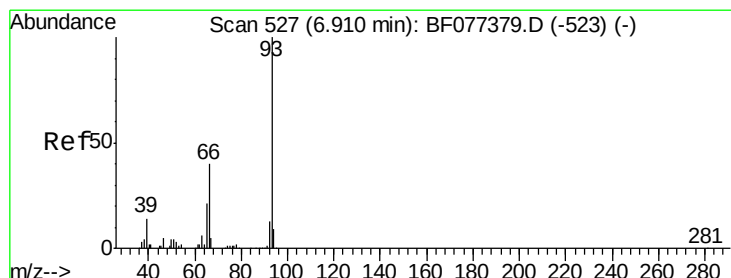
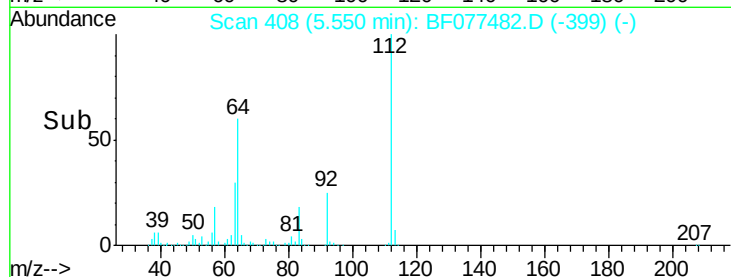
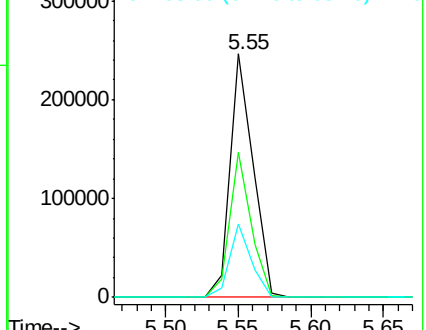
63 30.2 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.10 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

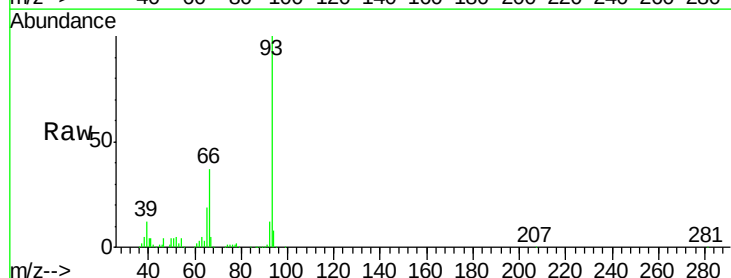
Tgt Ion: 93 Resp: 233732

Ion Ratio Lower Upper

93 100

66 37.4 29.1 43.7

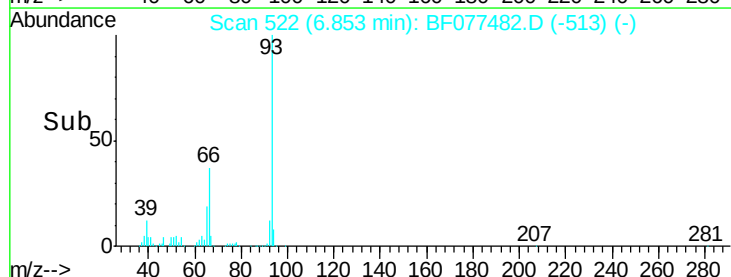
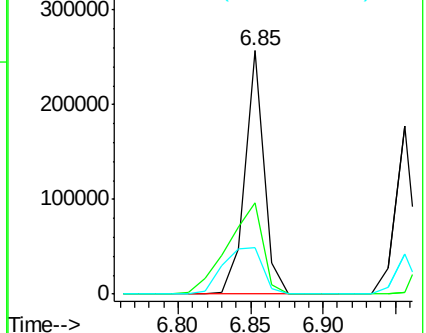
65 19.3 14.6 22.0

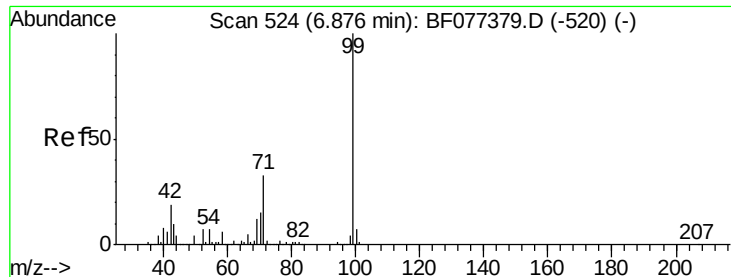


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.44 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077482.D

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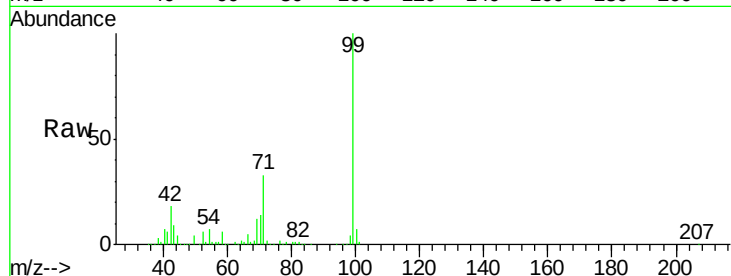
Tgt Ion: 99 Resp: 330361

Ion Ratio Lower Upper

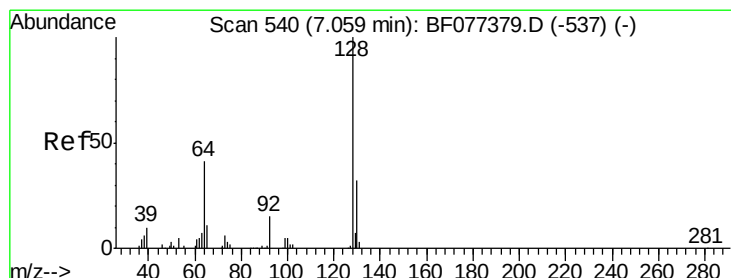
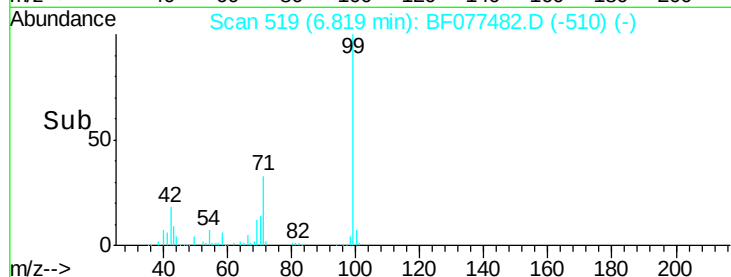
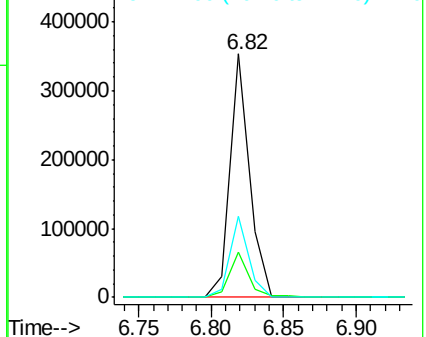
99 100

42 18.4 16.2 24.4

71 33.2 26.7 40.1



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: 37.81 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

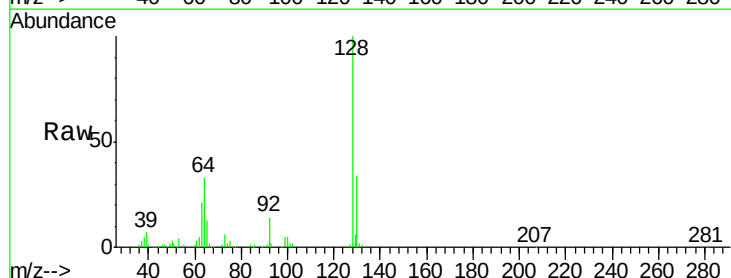
Tgt Ion: 128 Resp: 153968

Ion Ratio Lower Upper

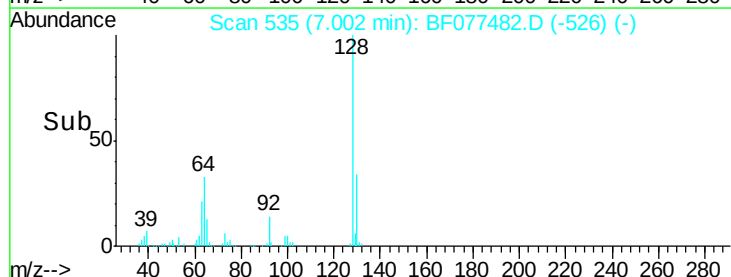
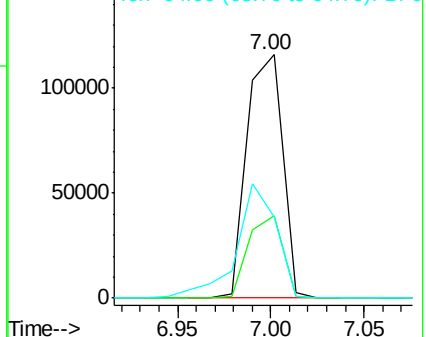
128 100

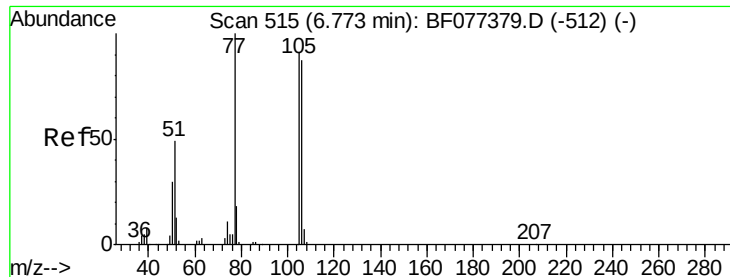
130 34.0 12.0 52.0

64 33.1 29.2 69.2



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: 42.67 ng

RT: 6.71 min Scan# 510

Delta R.T. -0.00 min

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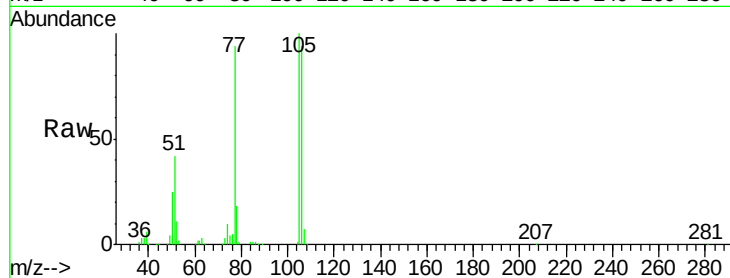
Tgt Ion: 77 Resp: 114978

Ion Ratio Lower Upper

77 100

105 106.7 85.9 125.9

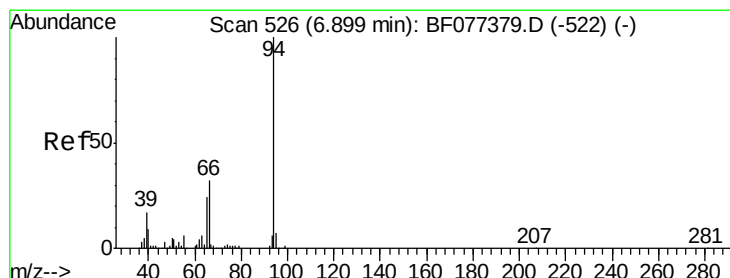
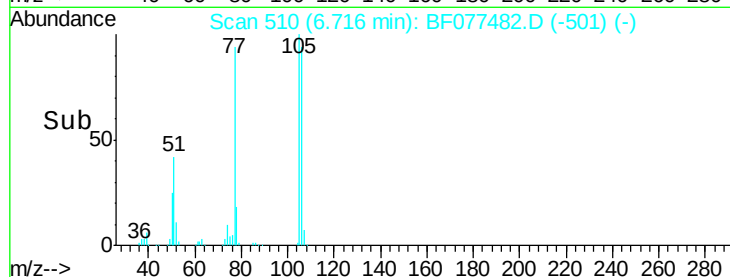
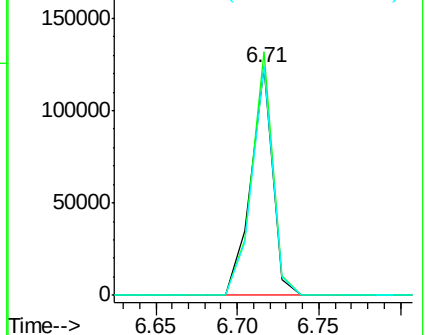
106 100.8 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.75 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

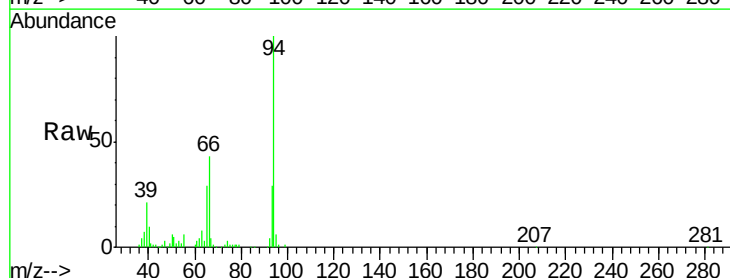
Tgt Ion: 94 Resp: 193523

Ion Ratio Lower Upper

94 100

65 28.9 5.7 45.7

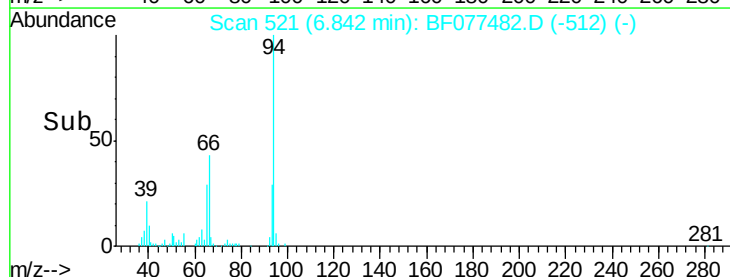
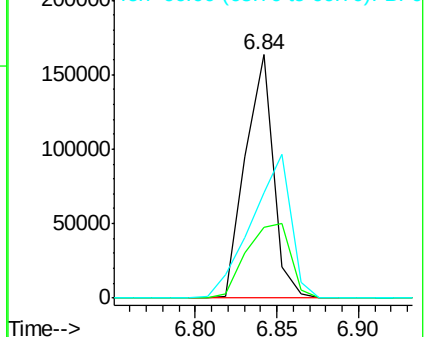
66 43.2 13.6 53.6

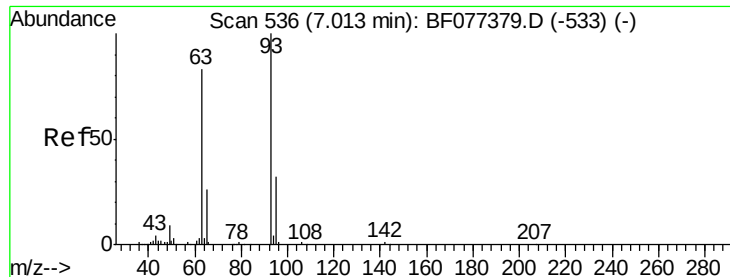


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

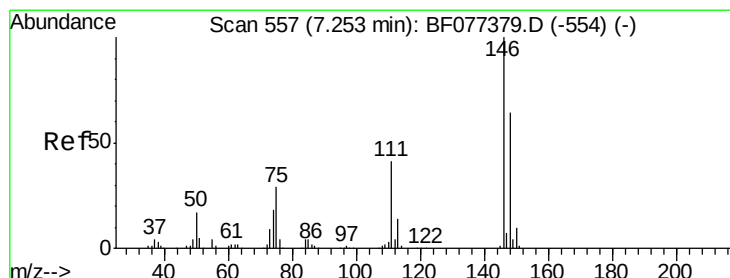
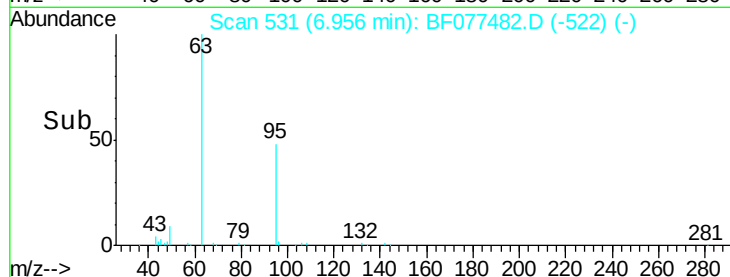
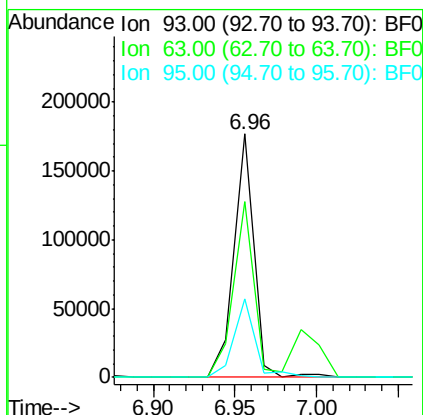
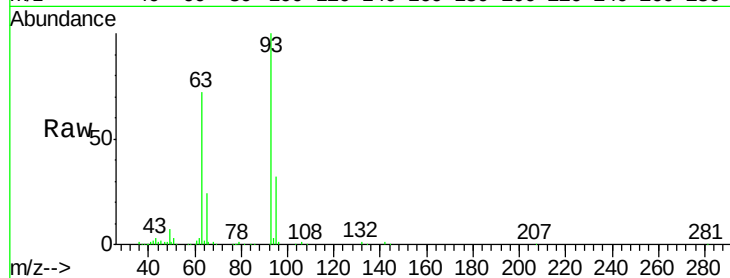




#11
bis(2-Chloroethyl)ether
Concen: 39.52 ng
RT: 6.96 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

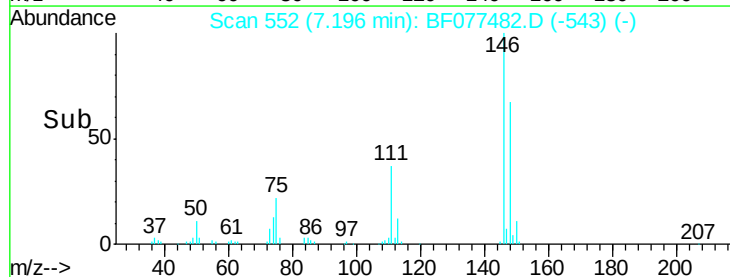
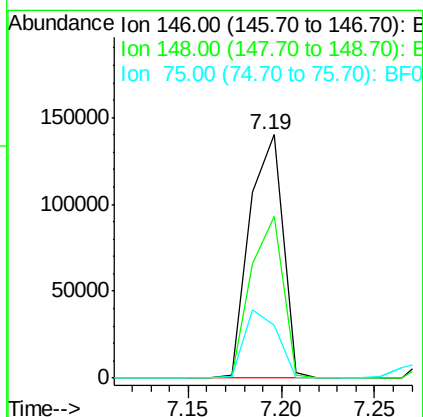
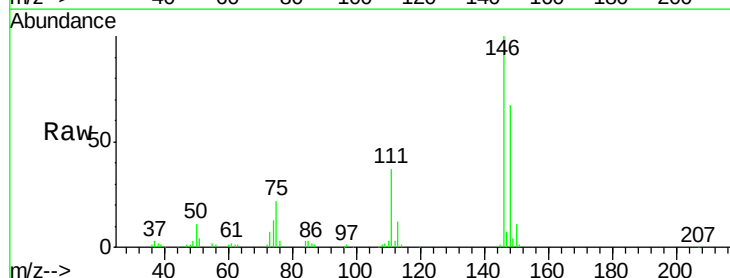
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

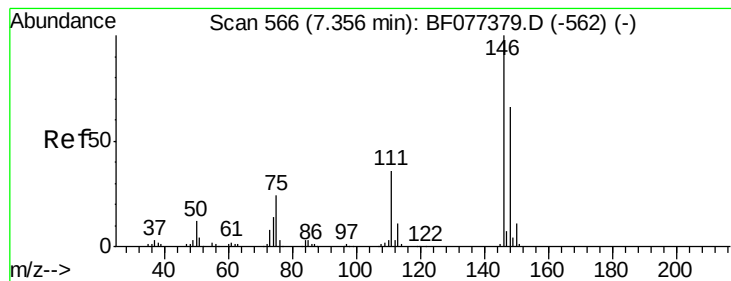
Tgt Ion: 93 Resp: 149527
Ion Ratio Lower Upper
93 100
63 72.3 48.7 88.7
95 32.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.92 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion: 146 Resp: 172557
Ion Ratio Lower Upper
146 100
148 66.5 49.8 74.8
75 21.8 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 38.46 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

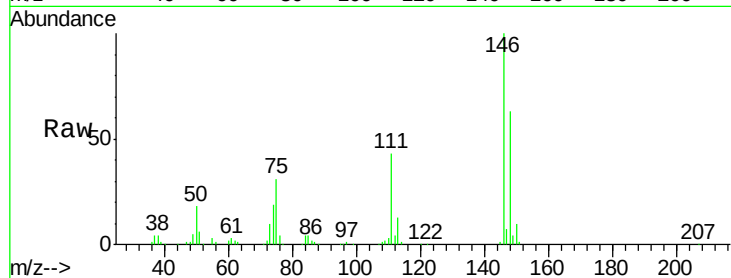
Tgt Ion:146 Resp: 173492

Ion Ratio Lower Upper

146 100

148 62.5 52.0 78.0

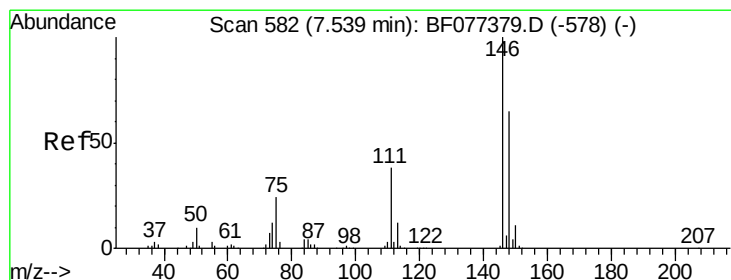
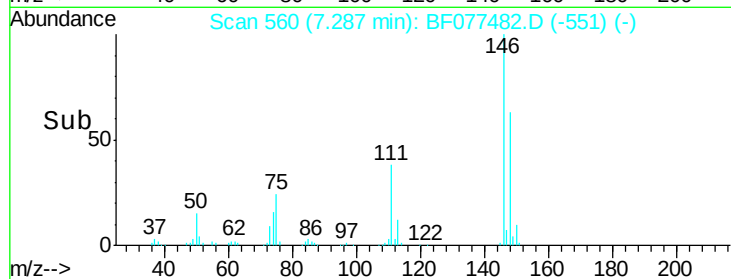
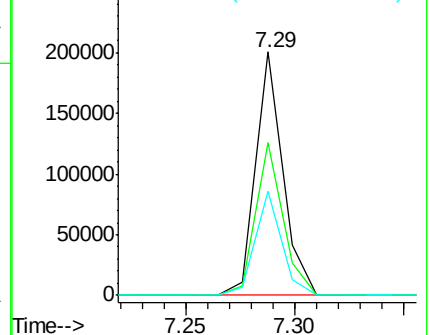
111 42.5 31.9 47.9



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: 38.49 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

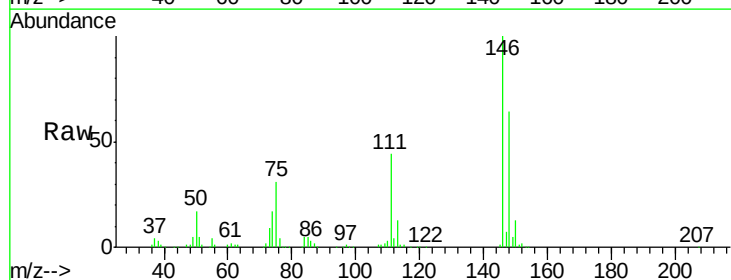
Tgt Ion:146 Resp: 165137

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

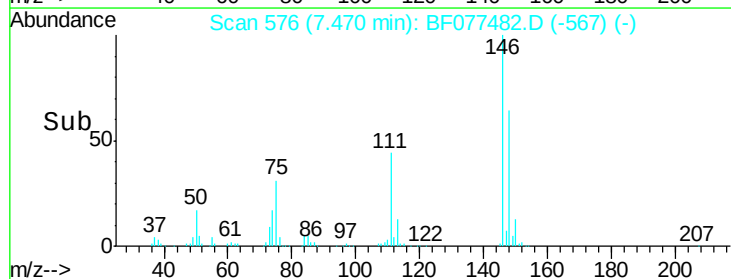
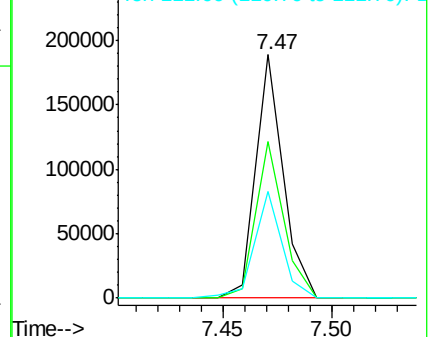
111 43.6 34.2 51.2

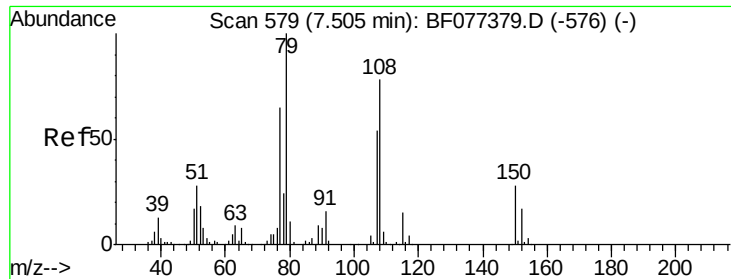


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.88 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

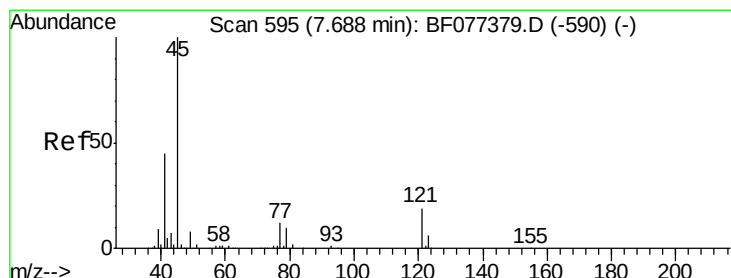
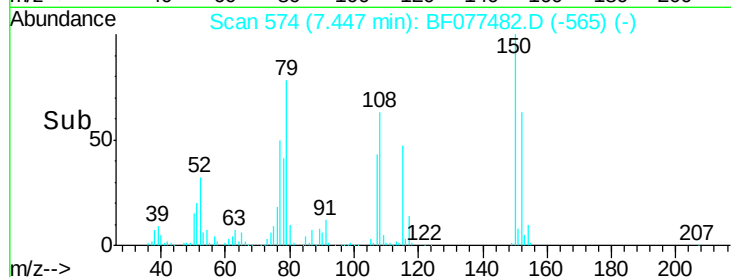
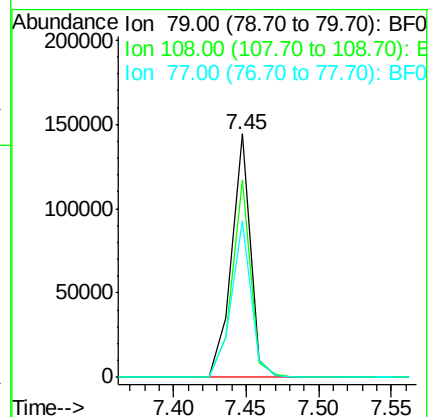
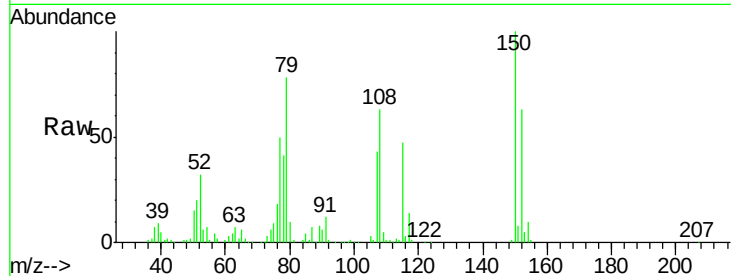
Tgt Ion: 79 Resp: 131158

Ion Ratio Lower Upper

79 100

108 80.9 58.3 87.5

77 64.4 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.20 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

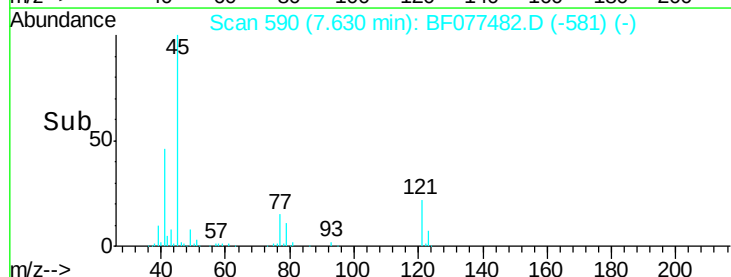
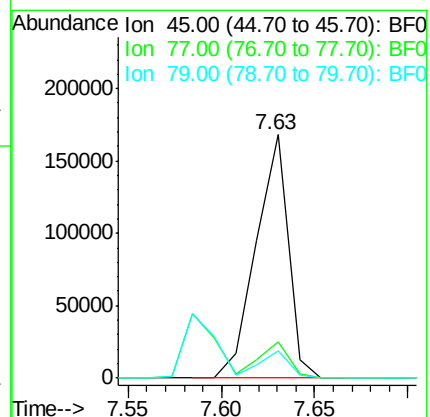
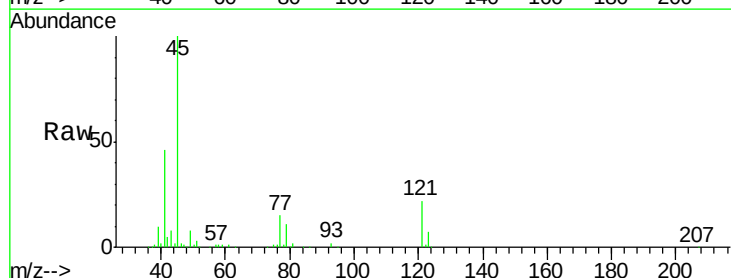
Tgt Ion: 45 Resp: 201217

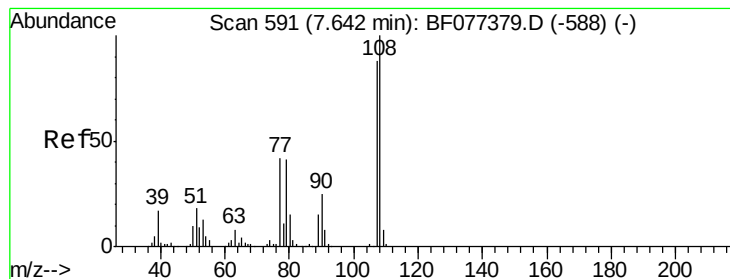
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.6

79 11.1 0.0 31.5





#17

2-Methylphenol

Concen: 37.67 ng

RT: 7.59 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 119884

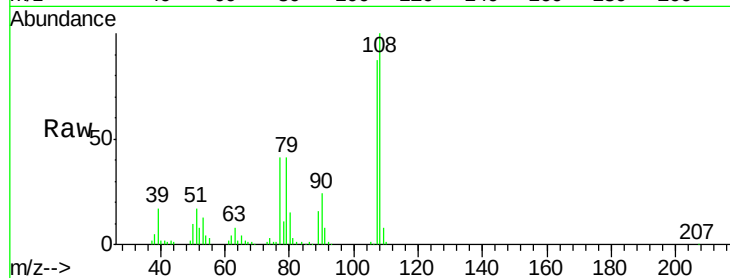
Ion Ratio Lower Upper

107 100

108 115.0 91.2 136.8

77 46.8 33.6 50.4

79 46.7 32.1 48.1

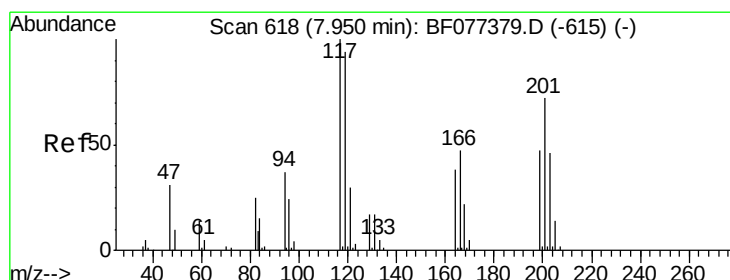
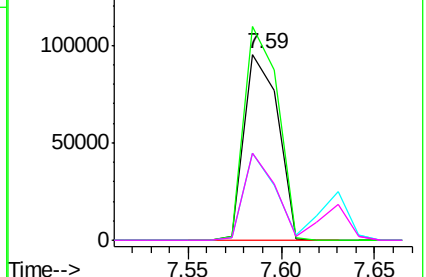
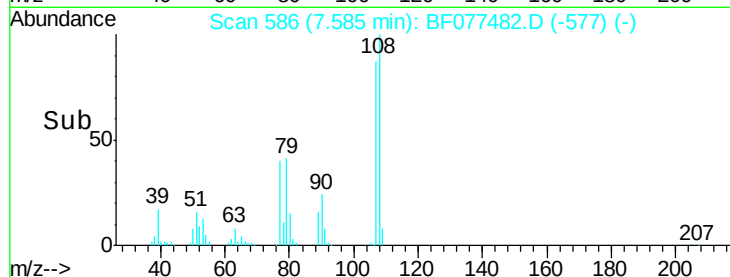


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.62 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

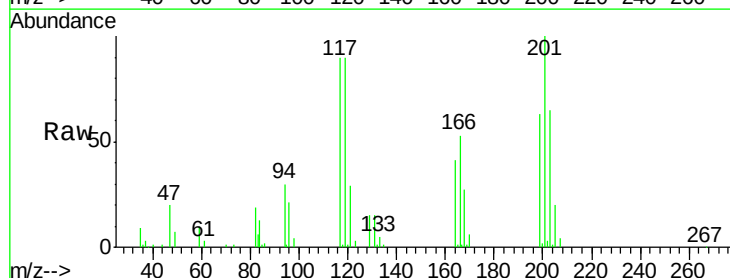
Tgt Ion:117 Resp: 58179

Ion Ratio Lower Upper

117 100

119 99.6 77.8 116.8

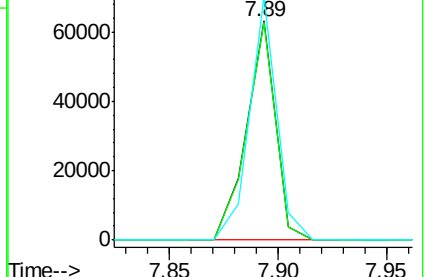
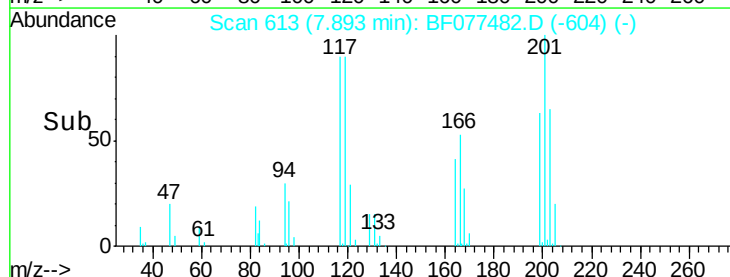
201 111.2 90.6 136.0

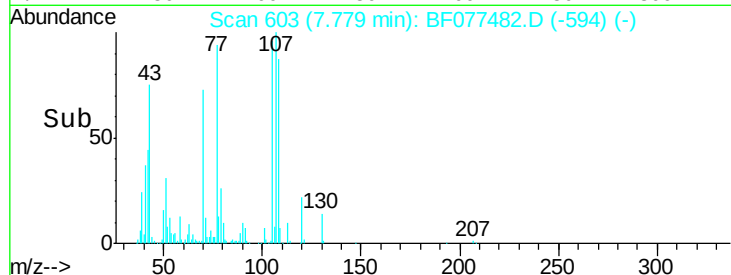
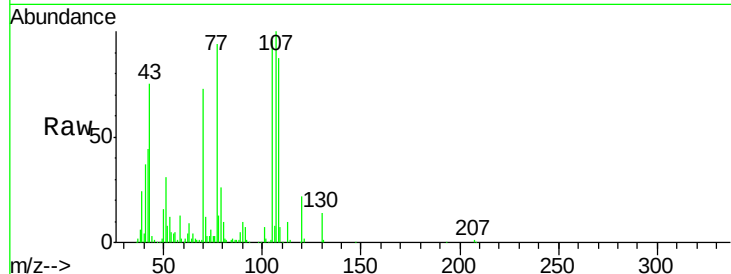
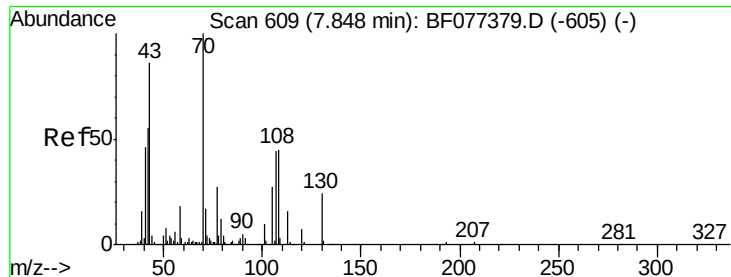


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

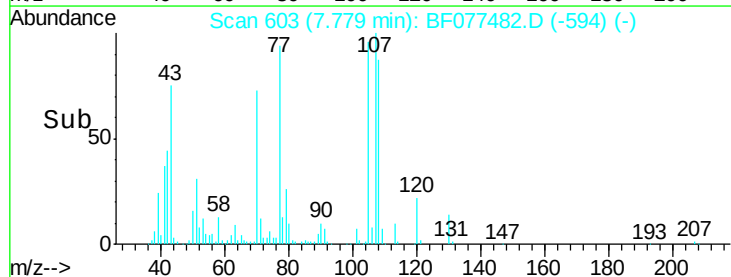
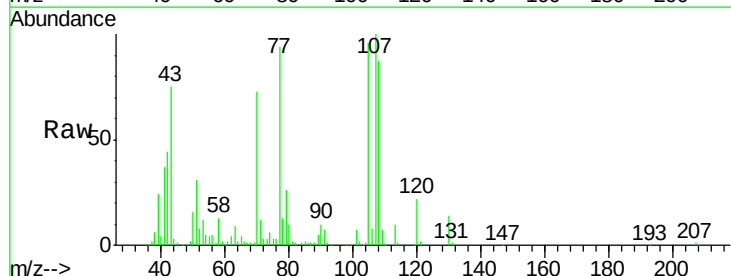
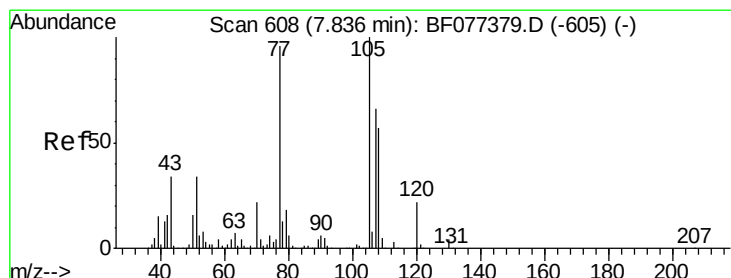
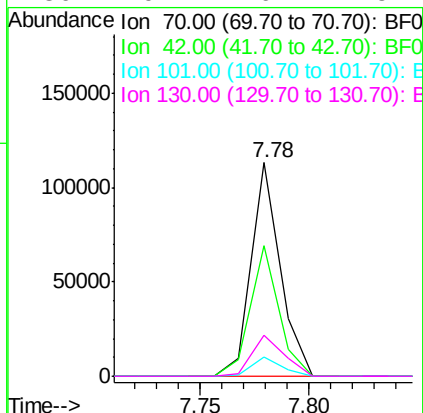




#19
n-Nitroso-di-n-propylamine
Concen: 37.22 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

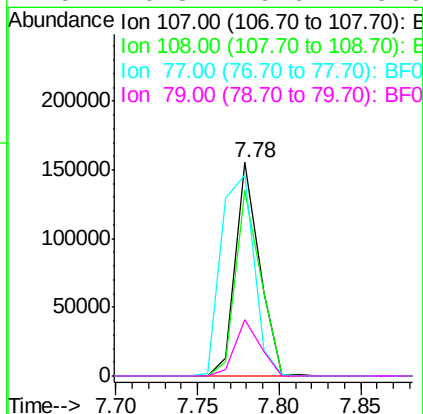
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

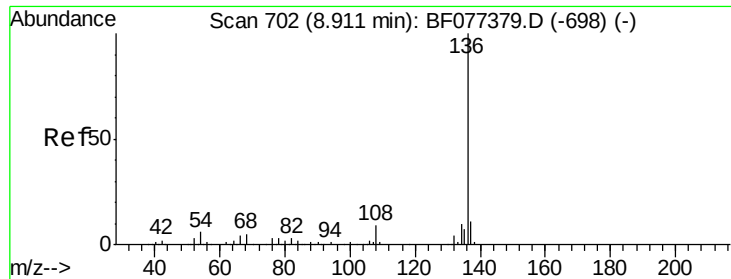
Tgt Ion:	70	Resp:	104890
Ion	Ratio	Lower	Upper
70	100		
42	60.9	48.3	72.5
101	9.2	7.5	11.3
130	19.4	16.7	25.1



#20
3+4-Methylphenols
Concen: 37.83 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:	107	Resp:	158566
Ion	Ratio	Lower	Upper
107	100		
108	87.2	76.8	116.8
77	93.9	65.8	105.8
79	26.3	9.6	49.6

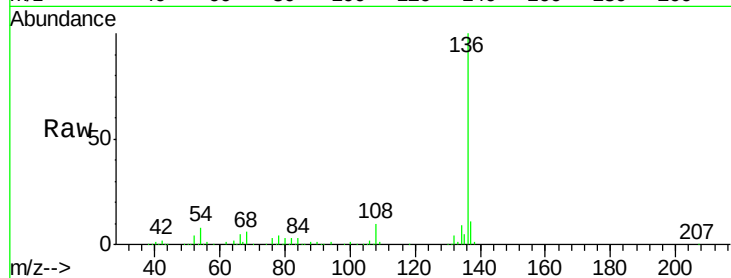




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	239594
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.6	6.2	9.4
68	6.0	5.0	7.6



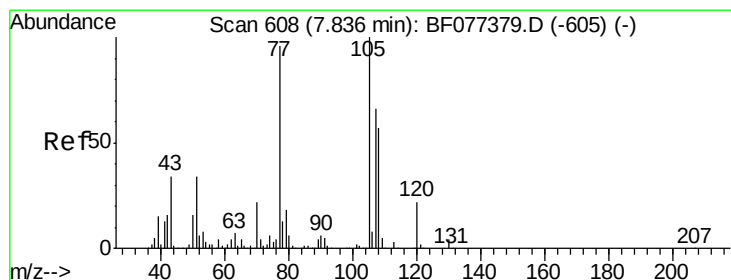
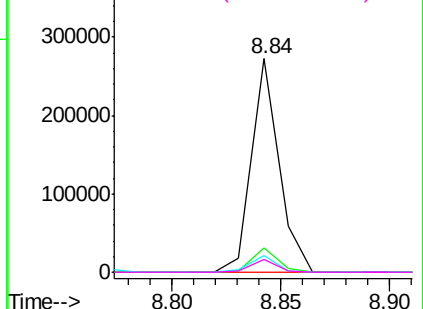
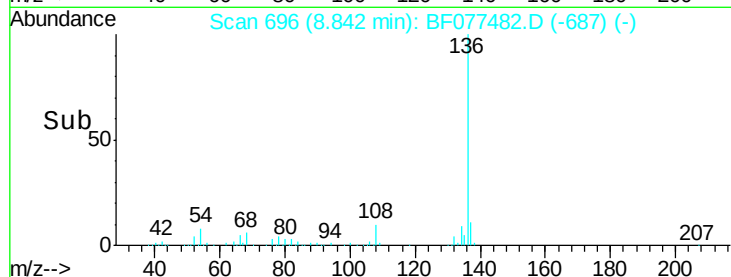
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

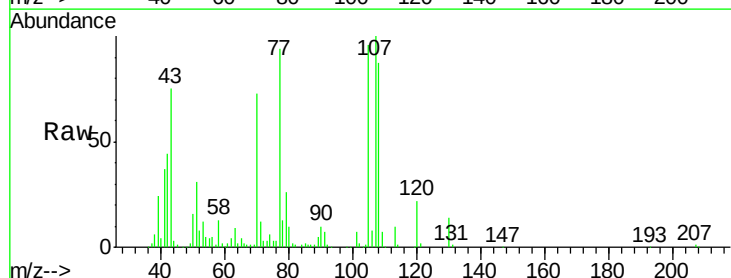
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.87 ng
RT: 7.77 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:	105	Resp:	207783
Ion	Ratio	Lower	Upper
105	100		
71	12.6	1.7	2.5#
51	32.6	30.7	46.1
120	23.0	16.7	25.1



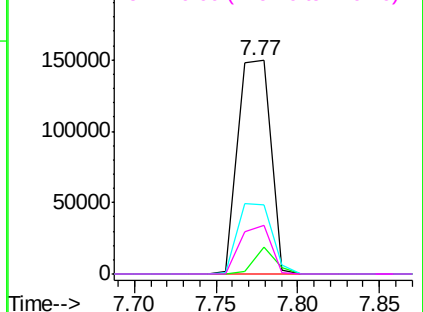
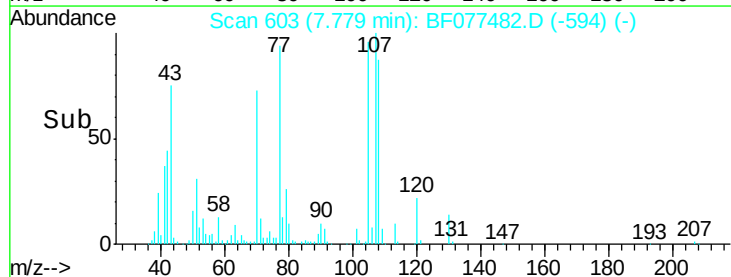
Abundance

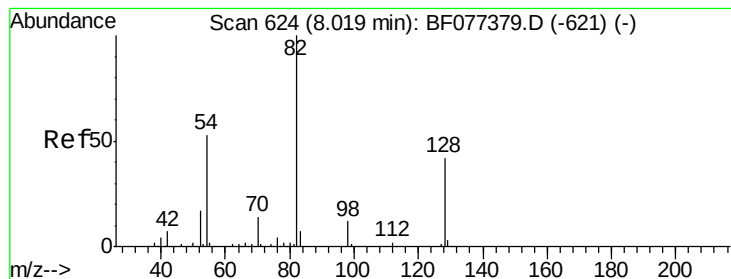
Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 77.92 ng

RT: 7.96 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

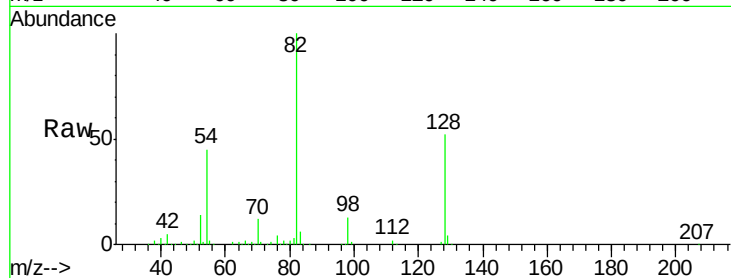
Tgt Ion: 82 Resp: 300203

Ion Ratio Lower Upper

82 100

128 51.6 43.8 65.8

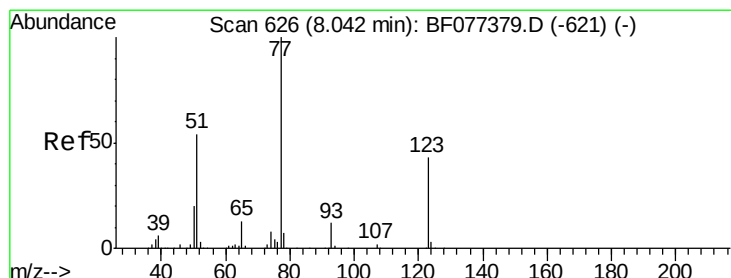
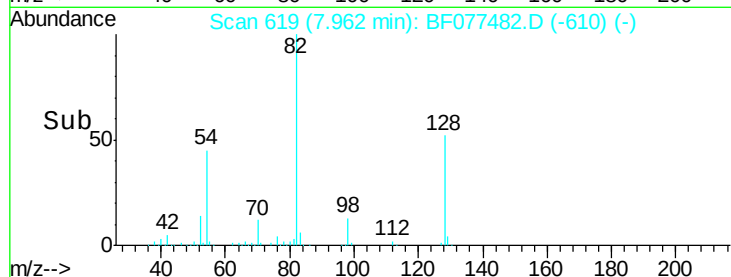
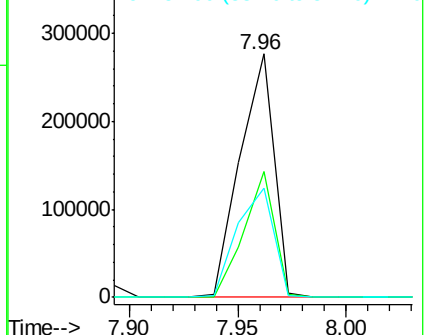
54 45.0 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.08 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

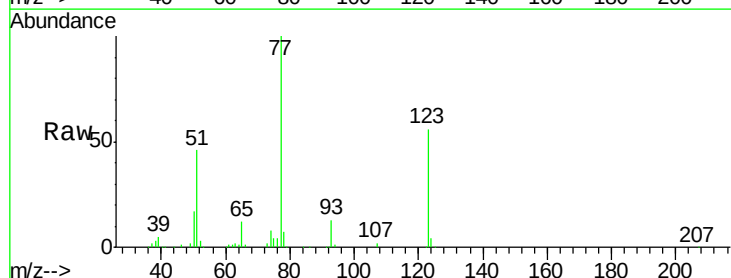
Tgt Ion: 77 Resp: 154375

Ion Ratio Lower Upper

77 100

123 55.5 45.9 68.9

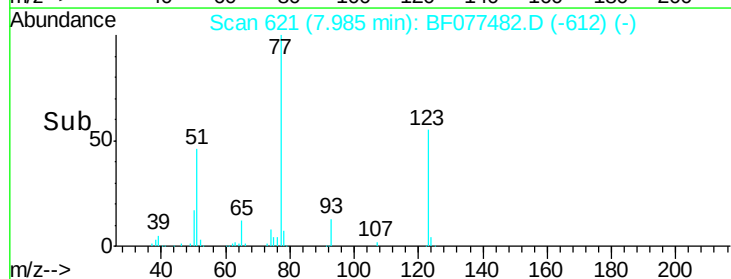
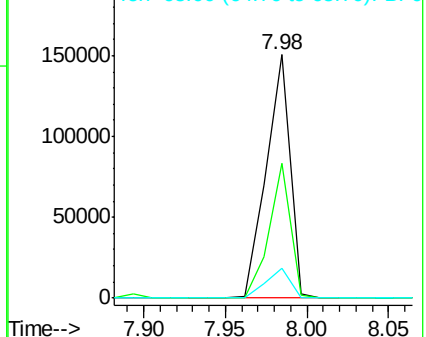
65 12.1 9.5 14.3

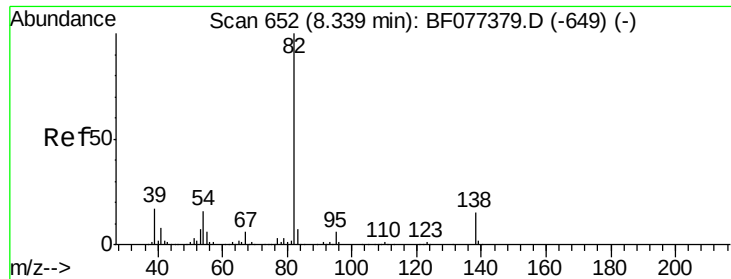


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

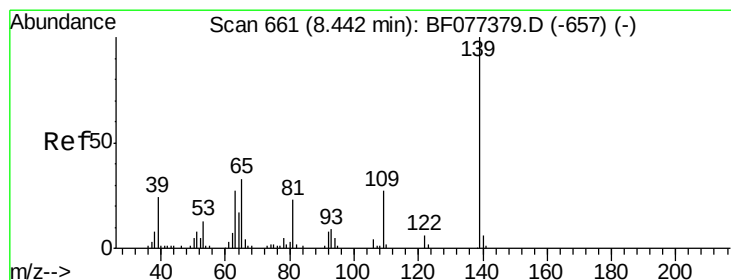
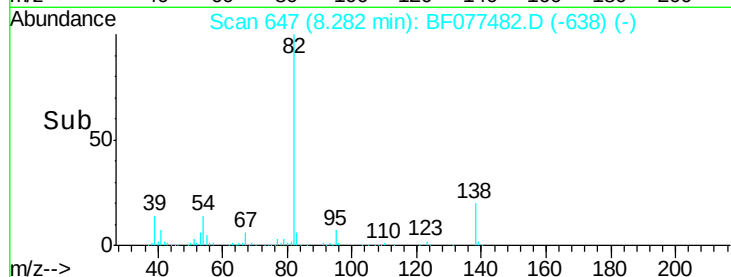
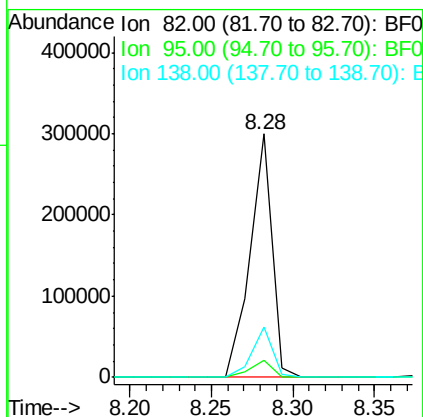
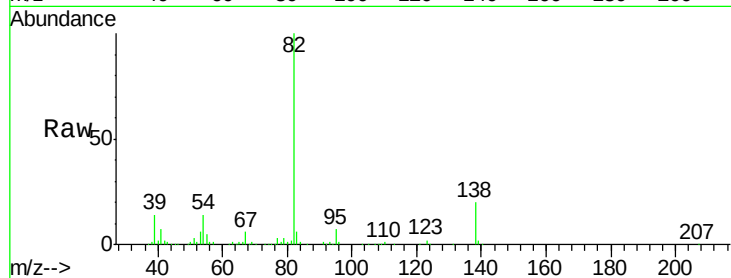




#25
Isophorone
Concen: 36.82 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

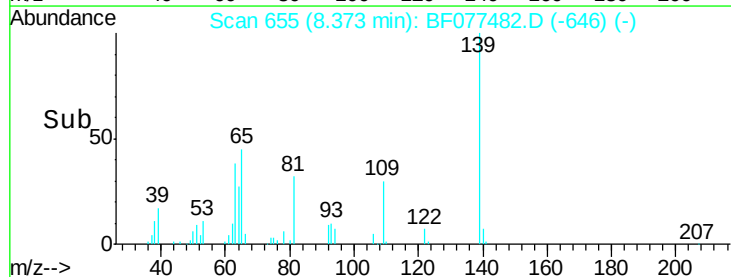
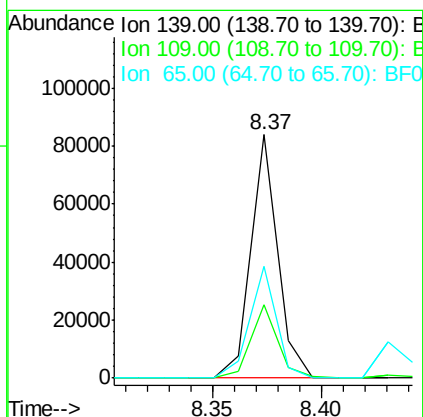
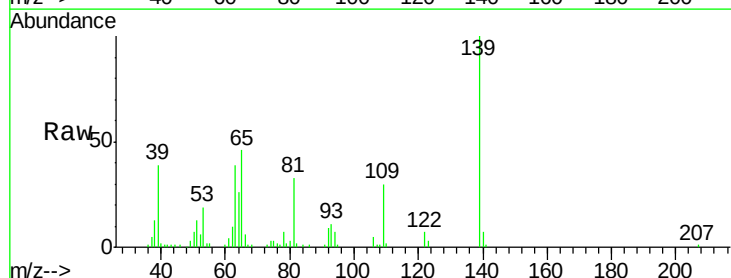
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

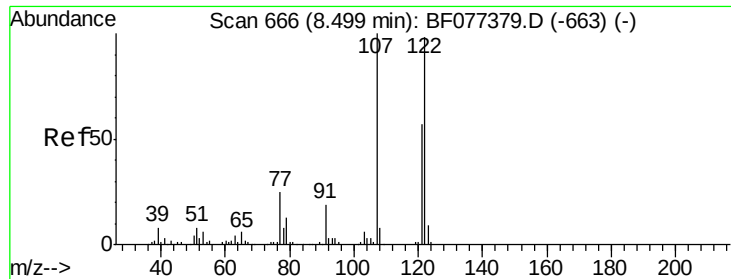
Tgt Ion: 82 Resp: 281426
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 20.5 16.3 24.5



#26
2-Nitrophenol
Concen: 43.15 ng
RT: 8.37 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion: 139 Resp: 71685
Ion Ratio Lower Upper
139 100
109 30.0 22.6 34.0
65 45.9 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 35.94 ng

RT: 8.44 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

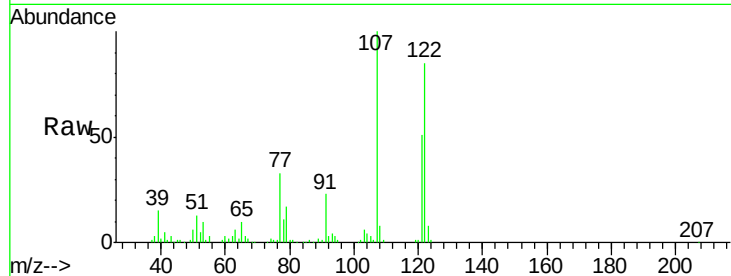
Tgt Ion:122 Resp: 133593

Ion Ratio Lower Upper

122 100

107 117.4 86.6 130.0

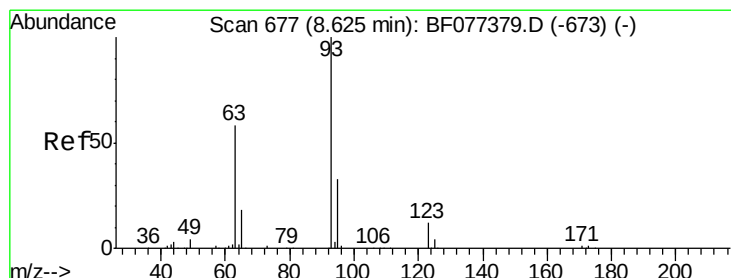
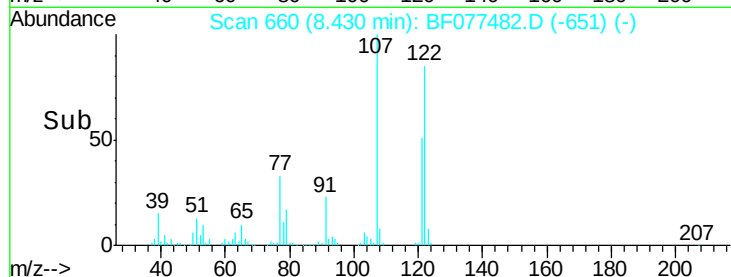
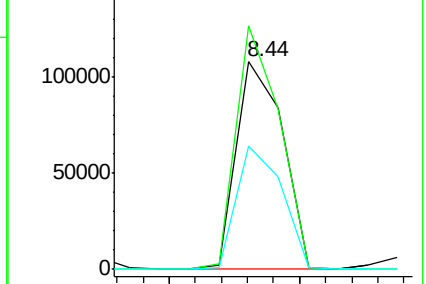
121 59.3 47.4 71.0



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: 35.27 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

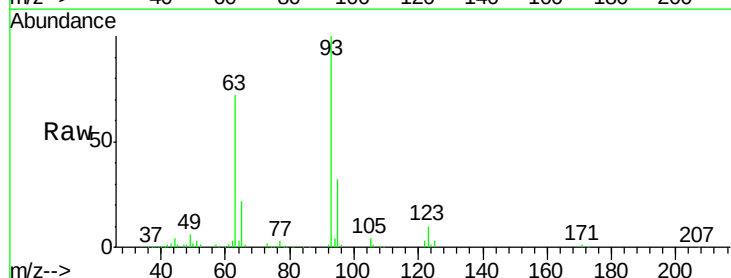
Tgt Ion: 93 Resp: 170331

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

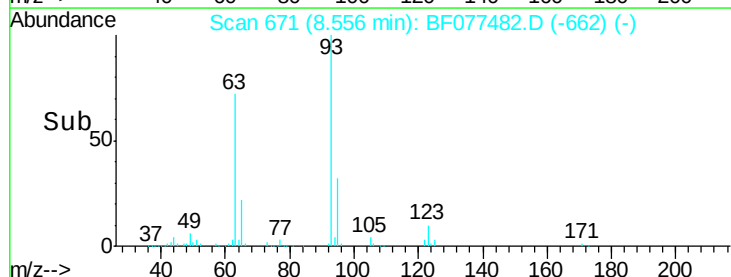
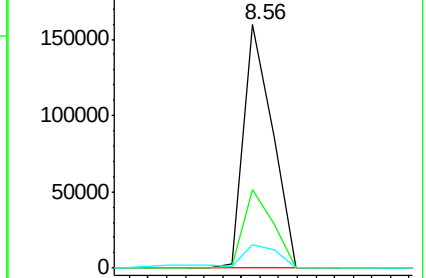
123 9.7 8.7 13.1

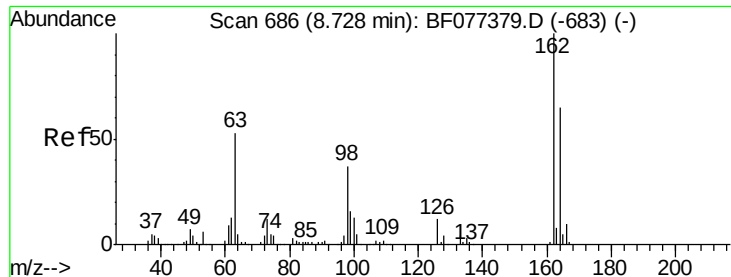


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

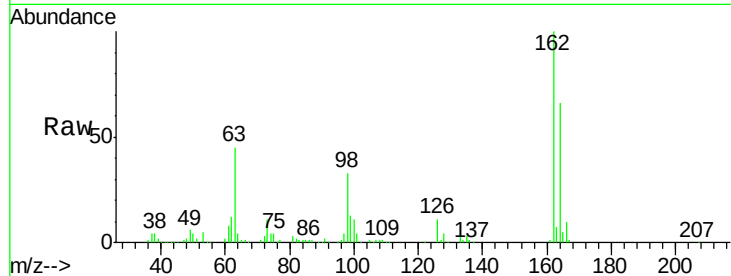




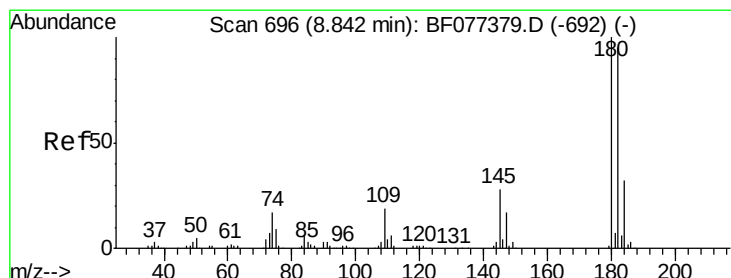
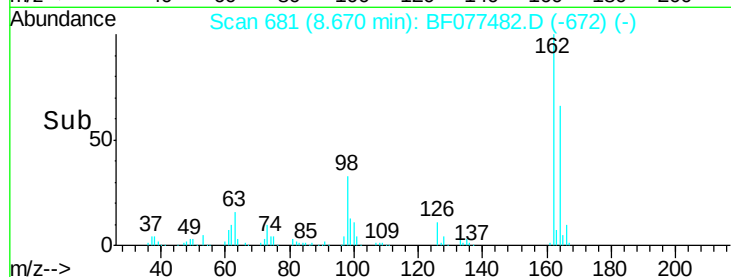
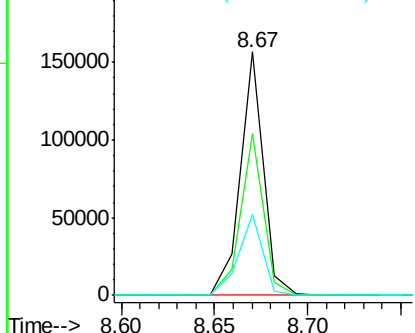
#29
 2,4-Dichlorophenol
 Concen: 38.85 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 135571
 Ion Ratio Lower Upper
 162 100
 164 66.5 46.4 86.4
 98 33.5 6.9 46.9

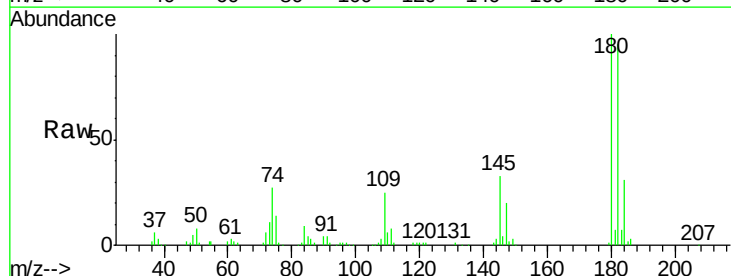


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

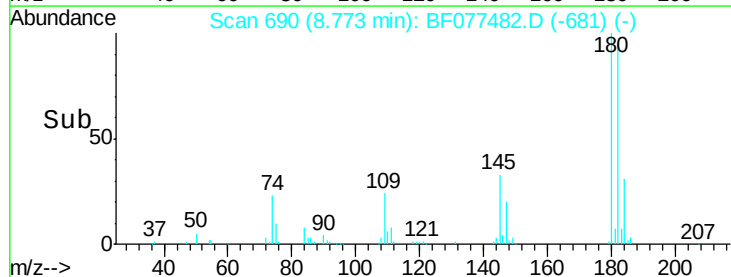
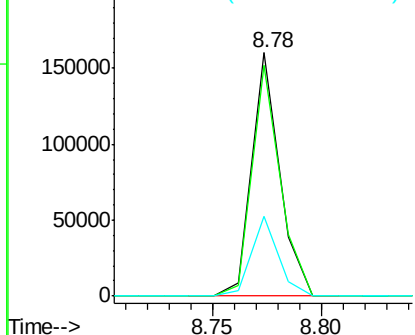


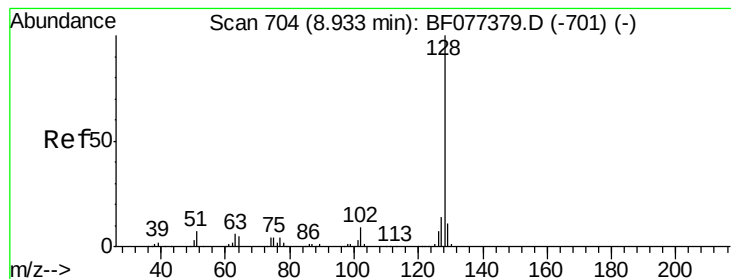
#30
 1,2,4-Trichlorobenzene
 Concen: 37.20 ng
 RT: 8.78 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion:180 Resp: 142699
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.4
 145 32.7 24.5 36.7



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





#31

Naphthalene

Concen: 36.96 ng

RT: 8.87 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

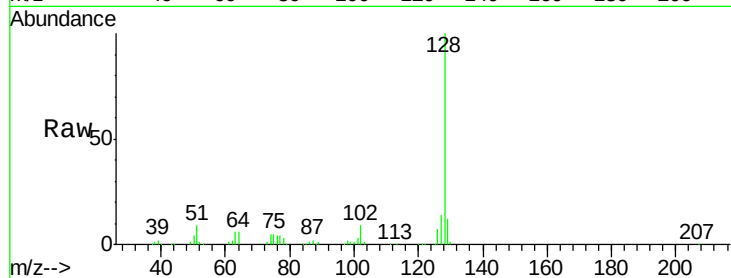
Tgt Ion:128 Resp: 442824

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

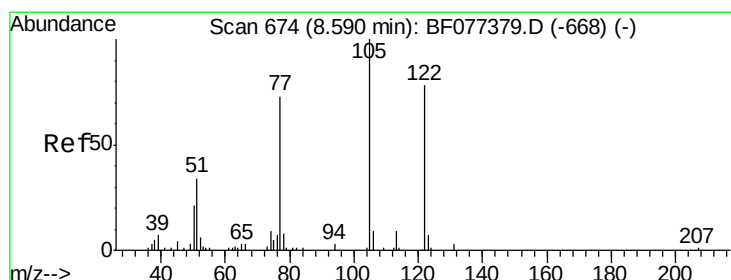
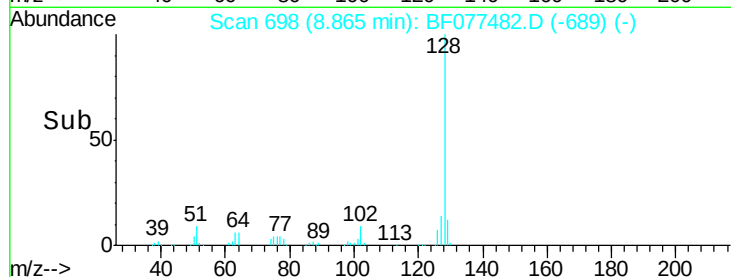
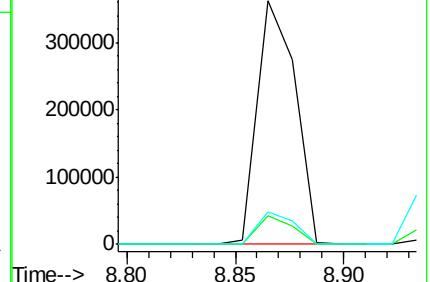
127 13.6 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.49 ng

RT: 8.52 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

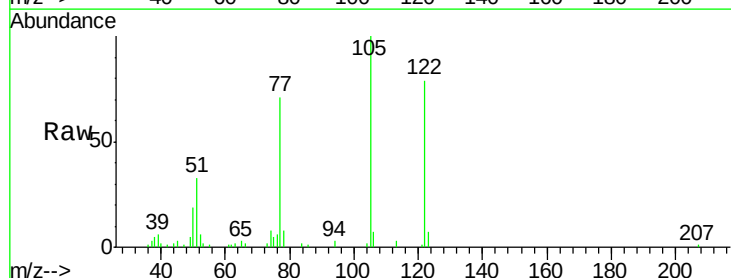
Tgt Ion:122 Resp: 71327

Ion Ratio Lower Upper

122 100

105 126.3 100.3 140.3

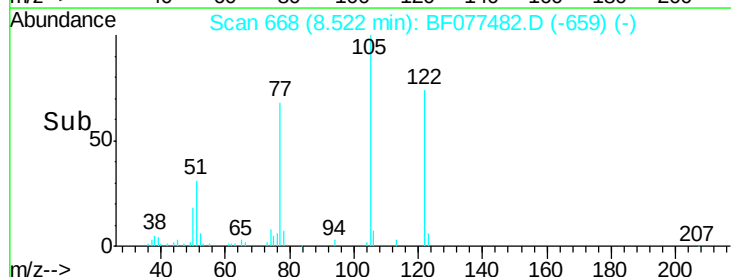
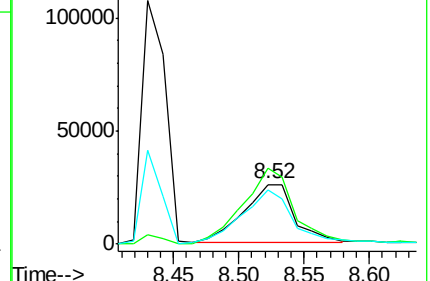
77 90.2 68.7 108.7

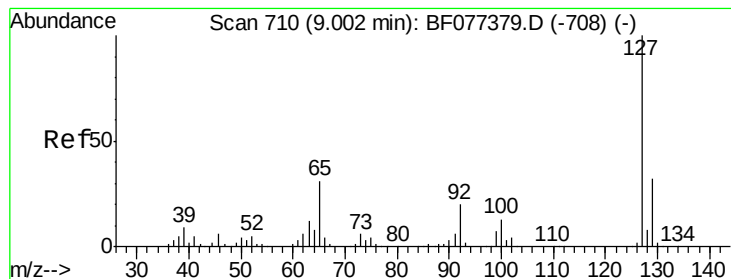


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.83 ng

RT: 8.94 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 201507

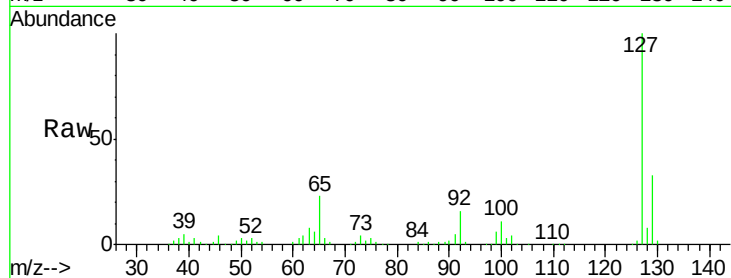
Ion Ratio Lower Upper

127 100

129 32.9 26.9 40.3

65 22.7 16.7 25.1

92 16.2 12.5 18.7

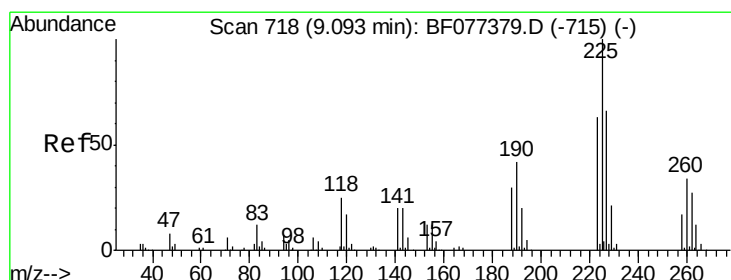
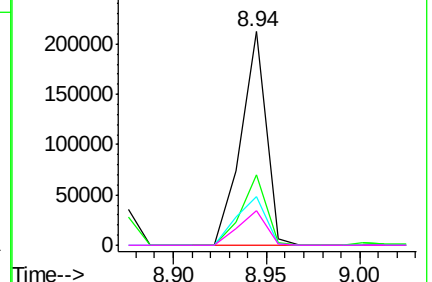
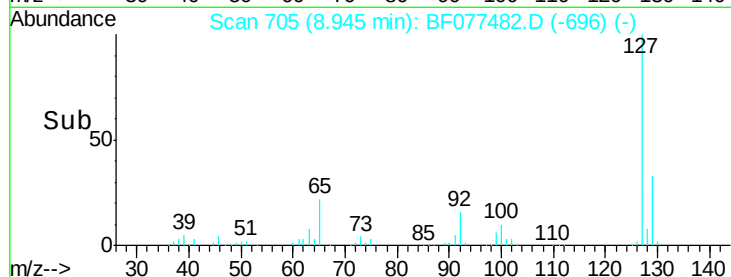


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 37.30 ng

RT: 9.03 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

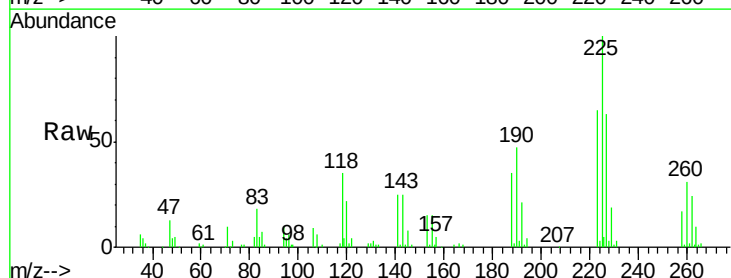
Tgt Ion:225 Resp: 81691

Ion Ratio Lower Upper

225 100

223 64.5 49.5 74.3

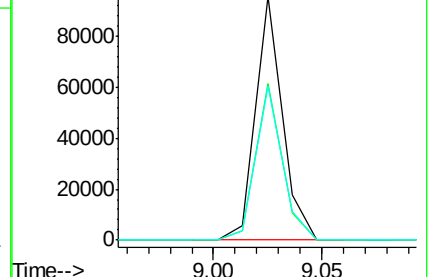
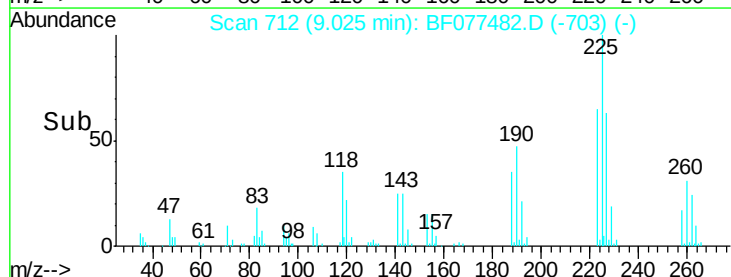
227 63.0 50.5 75.7

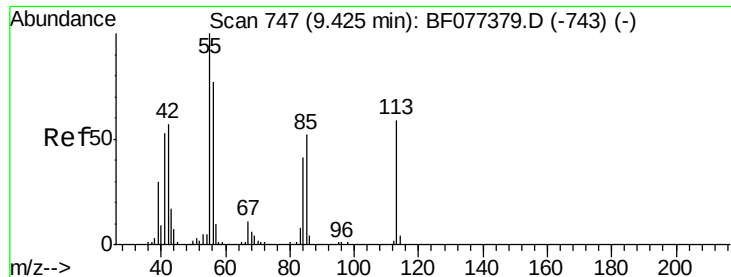


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

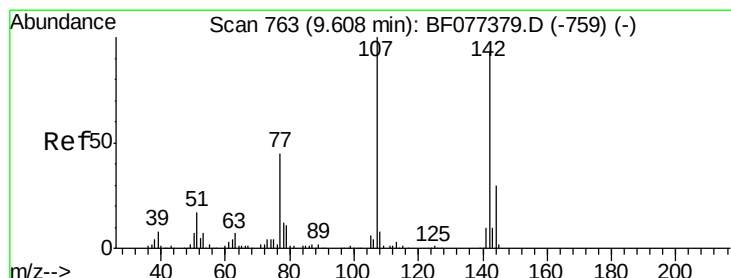
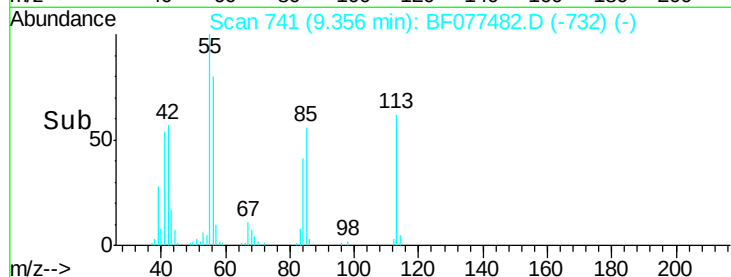
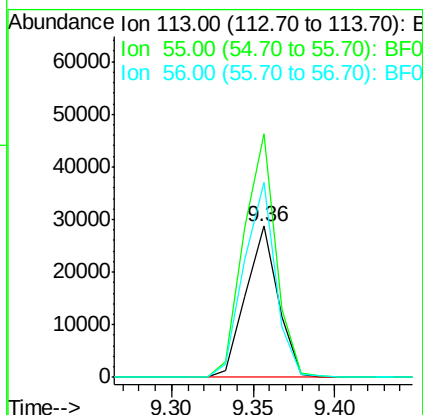
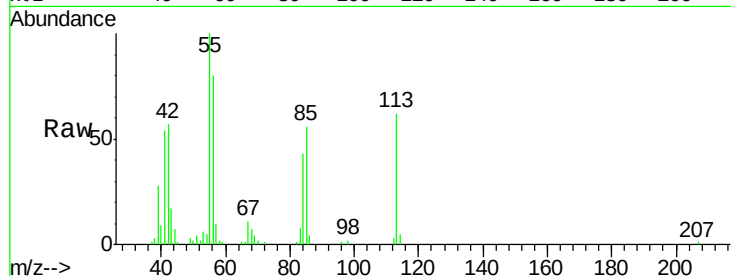




#35
 Caprolactam
 Concen: 36.77 ng
 RT: 9.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

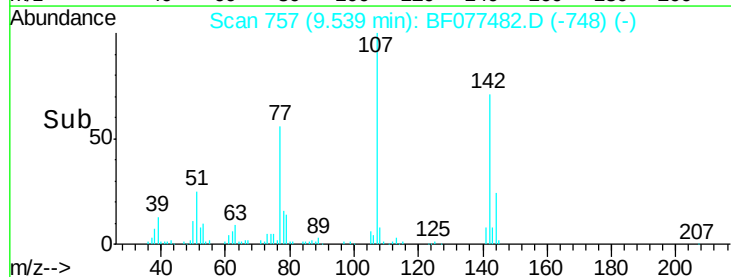
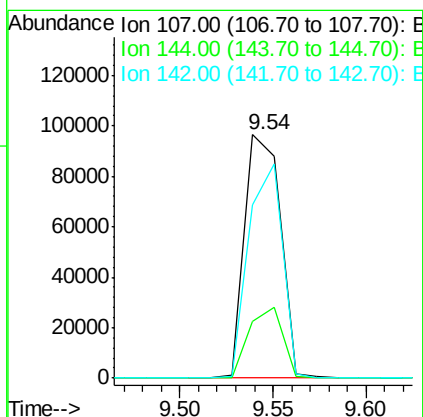
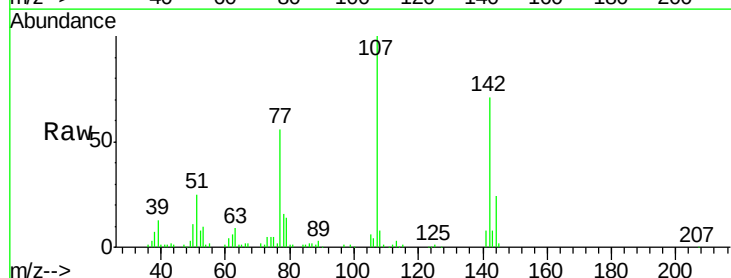
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

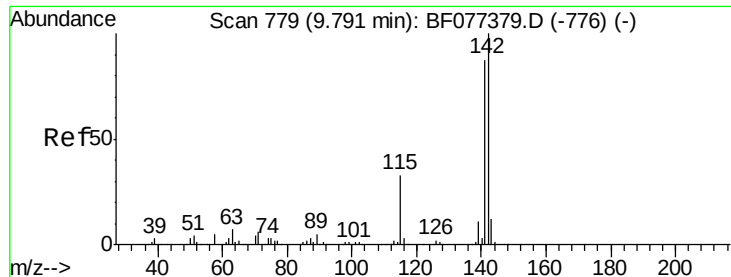
Tgt Ion:113 Resp: 39170
 Ion Ratio Lower Upper
 113 100
 55 161.3 154.6 194.6
 56 128.9 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.82 ng
 RT: 9.54 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion:107 Resp: 129163
 Ion Ratio Lower Upper
 107 100
 144 23.6 21.1 31.7
 142 71.2 65.3 97.9

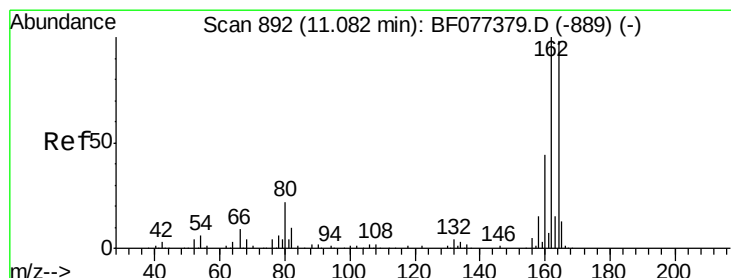
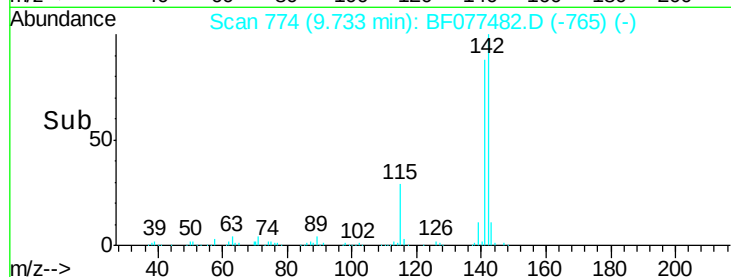
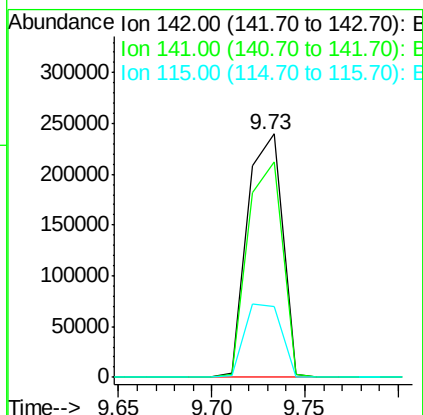
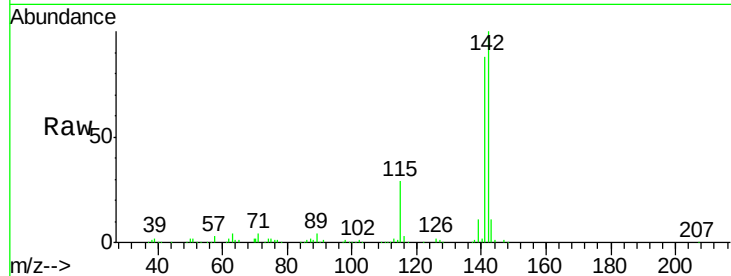




#37
2-Methylnaphthalene
Concen: 36.65 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

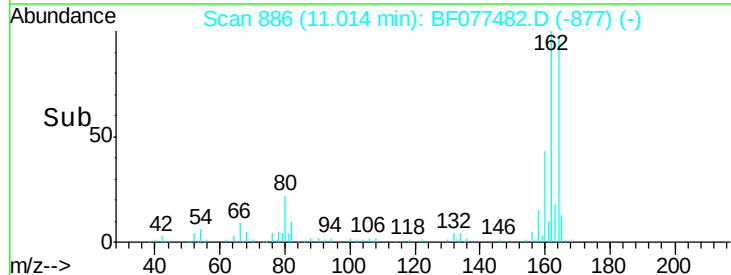
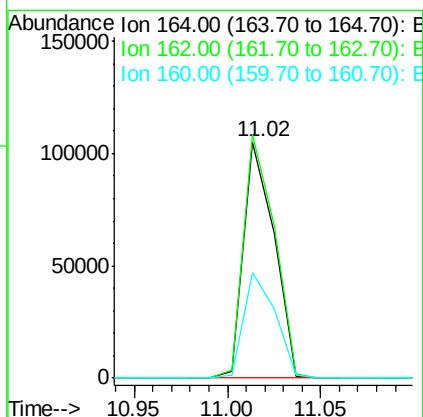
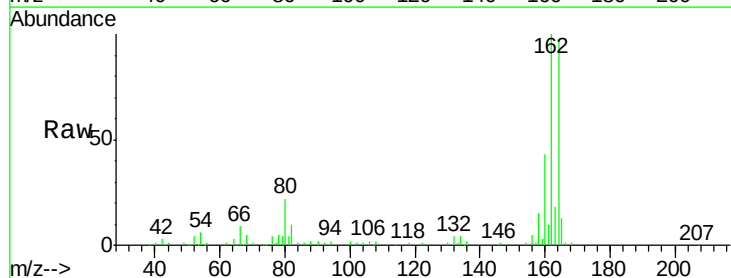
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

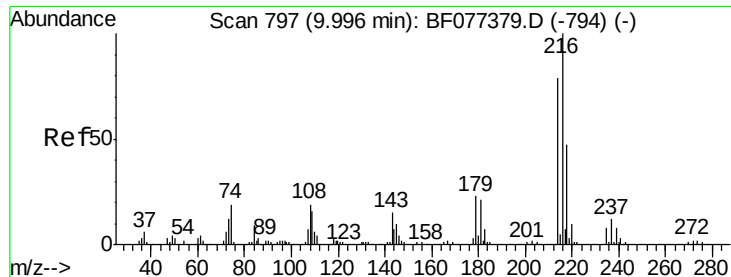
Tgt Ion:142 Resp: 311869
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1
115 29.3 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:164 Resp: 119226
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 44.6 34.6 52.0

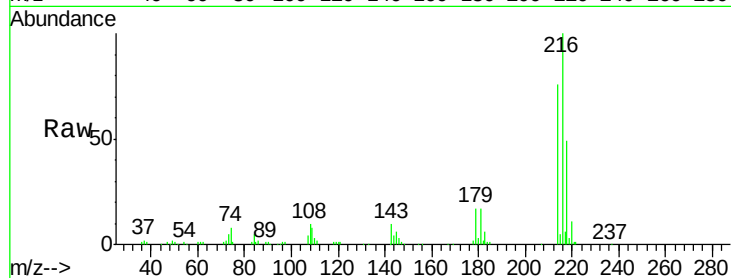




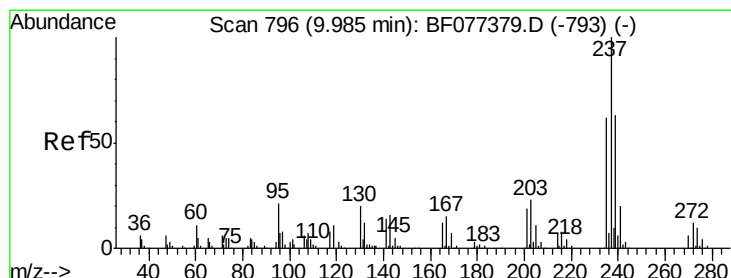
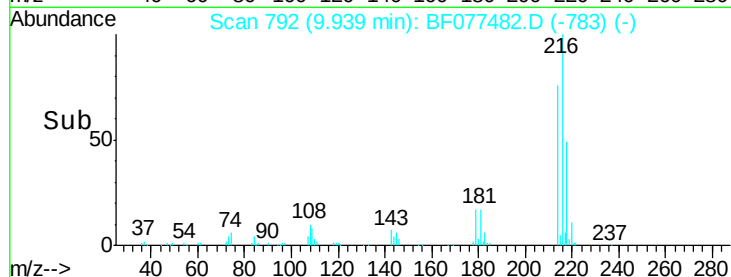
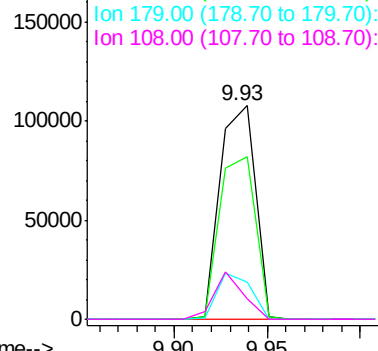
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.47 ng
 RT: 9.93 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	141875
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.4	95.0
179	20.6	16.6	25.0
108	18.5	14.2	21.4

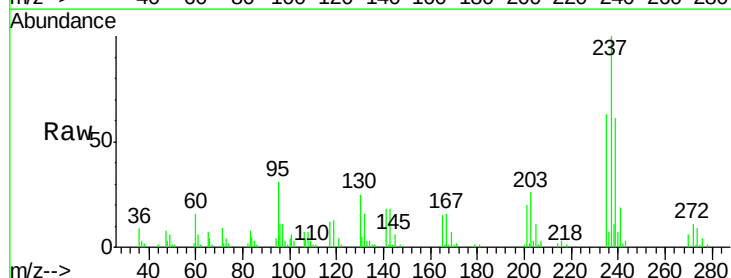


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

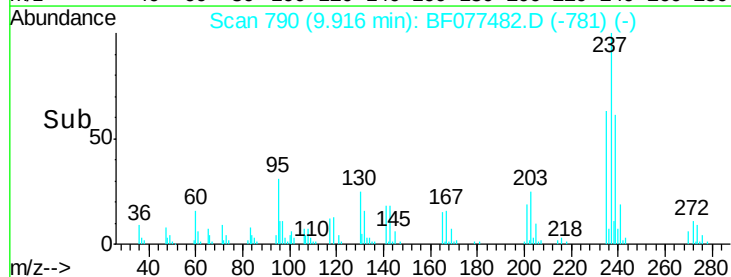
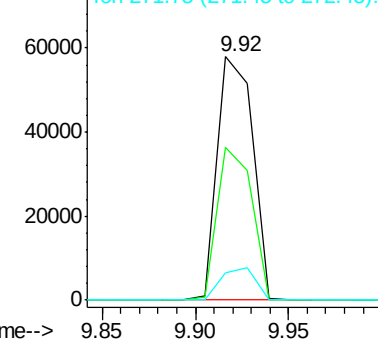


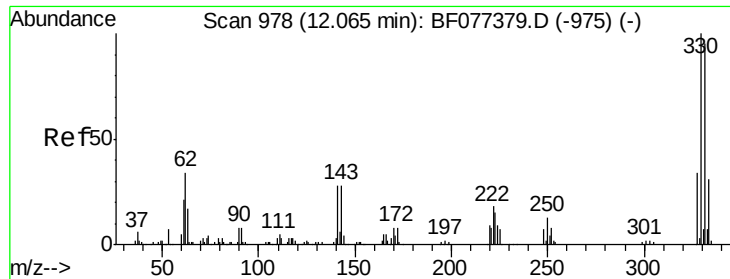
#40
 Hexachlorocyclopentadiene
 Concen: 41.53 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion:	237	Resp:	76177
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.0	81.0
272	11.4	0.0	34.3



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

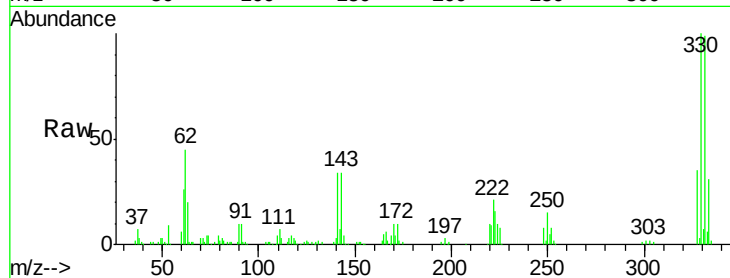




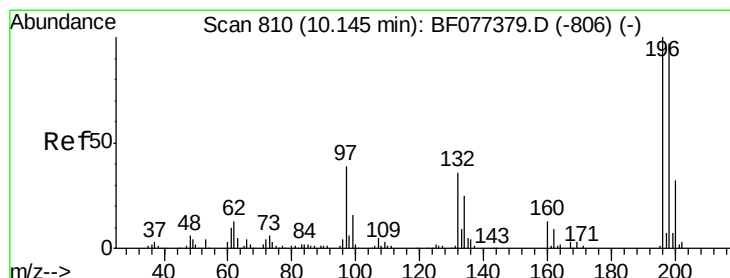
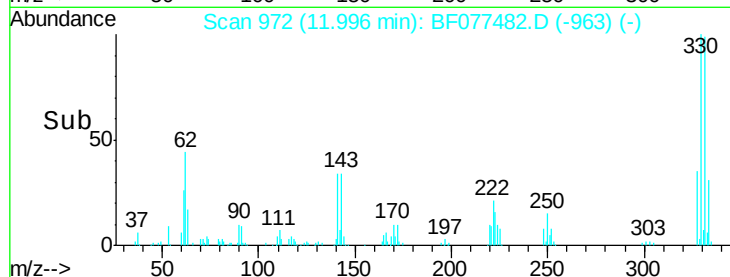
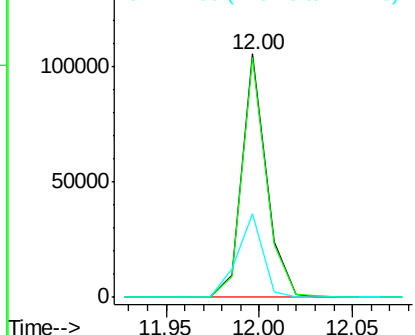
#41
 2,4,6-Tribromophenol
 Concen: 84.34 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 96826
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.6 28.8 43.2

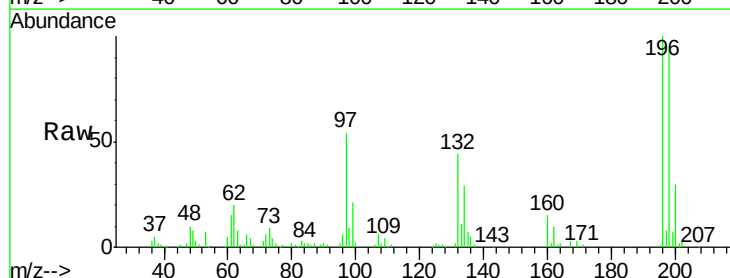


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

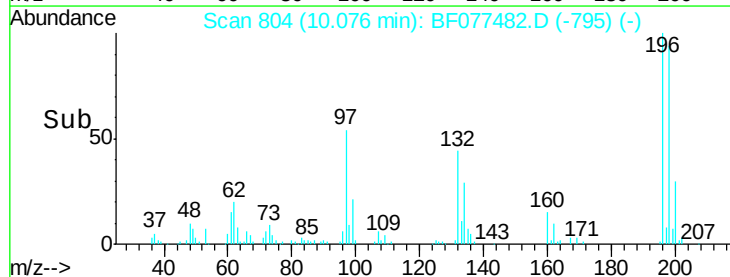
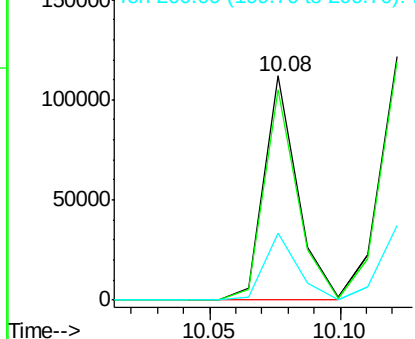


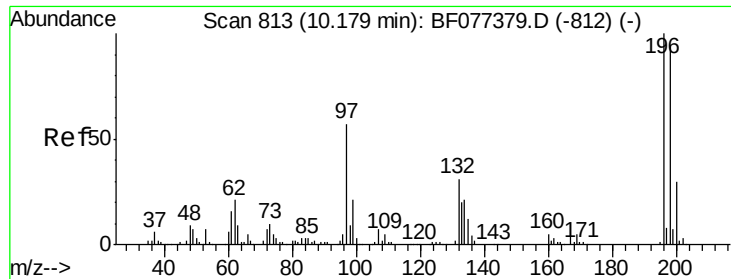
#42
 2,4,6-Trichlorophenol
 Concen: 44.16 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion:196 Resp: 100047
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.8 113.8
 200 29.7 24.2 36.4



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

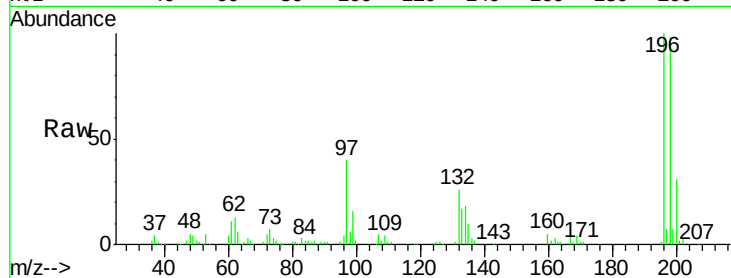




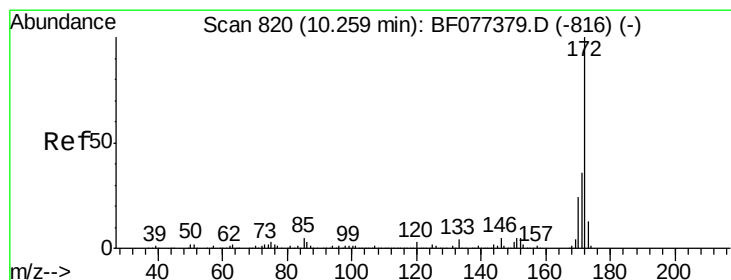
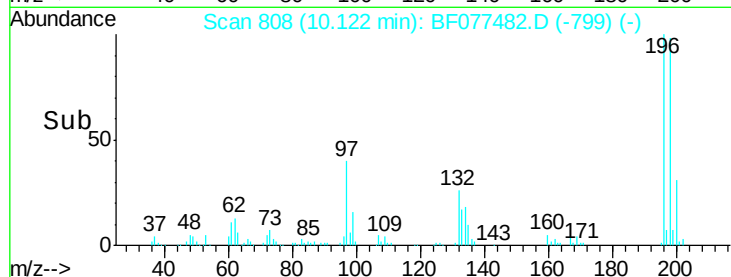
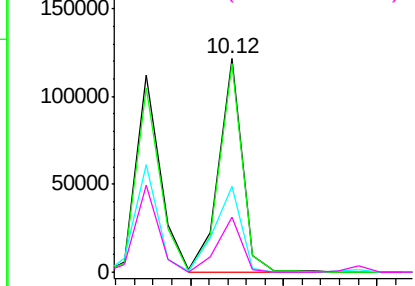
#43
2,4,5-Trichlorophenol
Concen: 44.05 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 106721
Ion Ratio Lower Upper
196 100
198 97.9 77.2 115.8
97 40.3 27.7 41.5
132 25.7 18.0 27.0

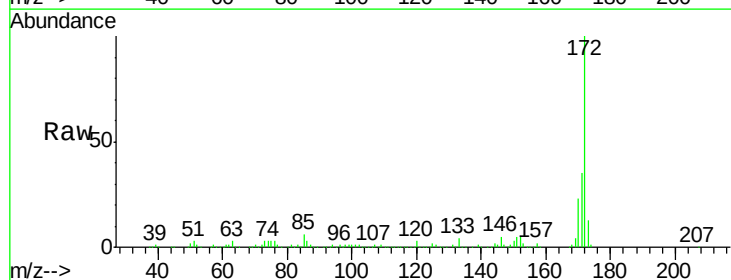


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

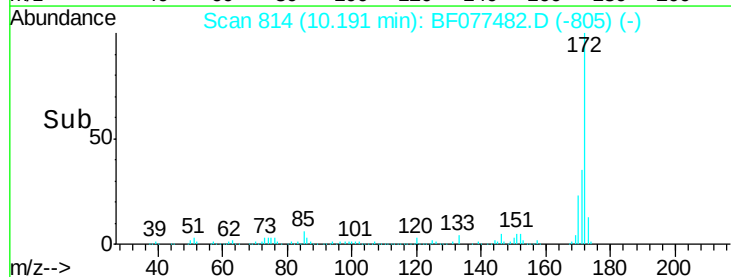
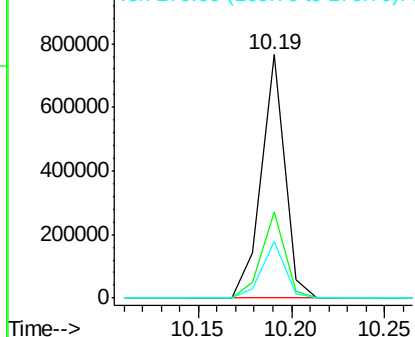


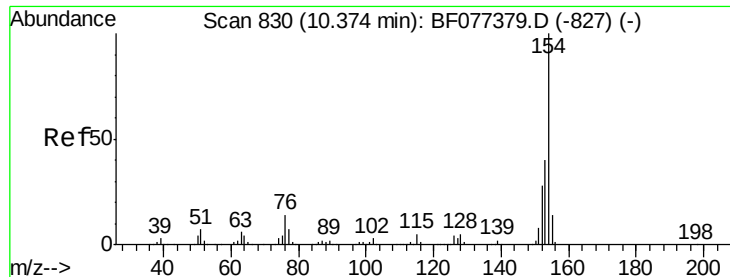
#44
2-Fluorobiphenyl
Concen: 86.84 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:172 Resp: 664022
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.4 19.4 29.2



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

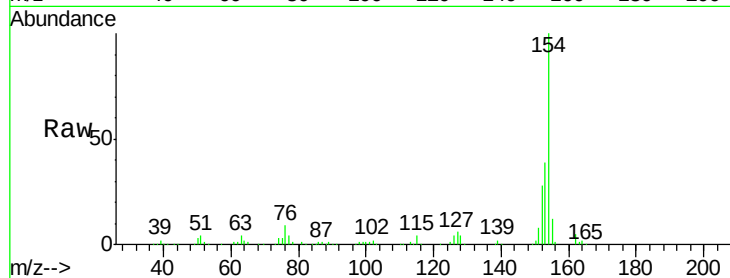




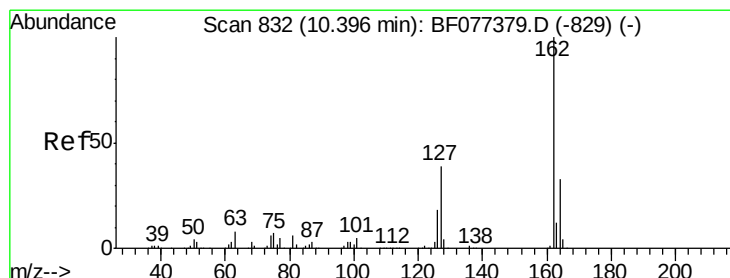
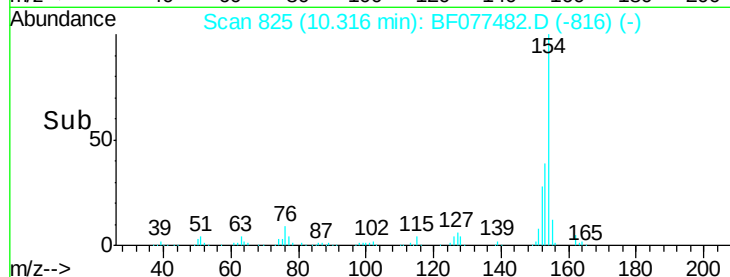
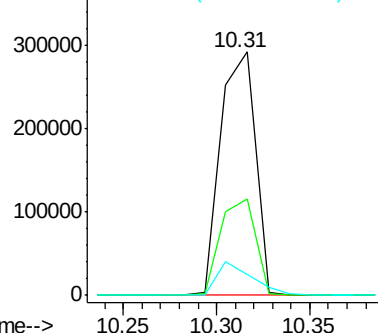
#45
 1,1'-Biphenyl
 Concen: 41.80 ng
 RT: 10.31 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	8.7	0.0	29.4

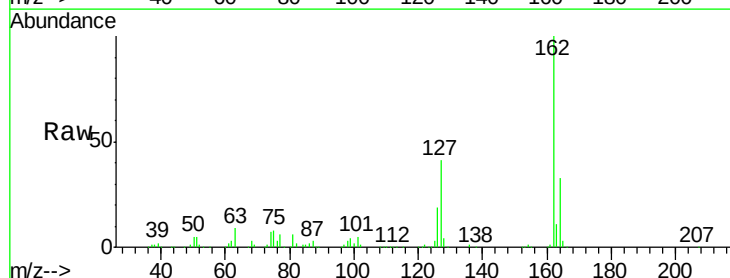


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

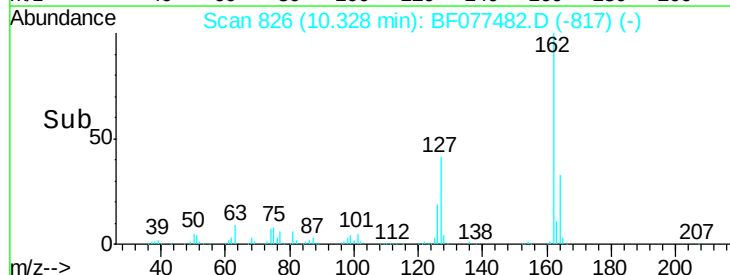
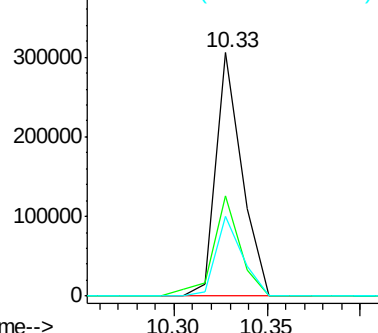


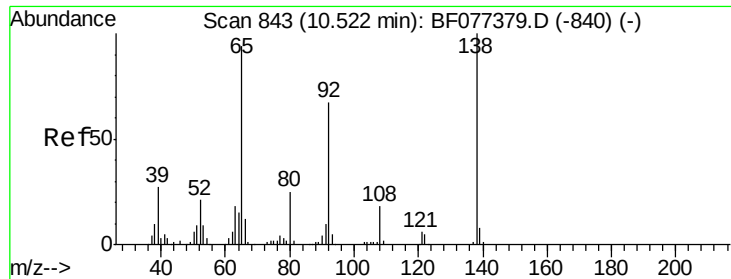
#46
 2-Chloronaphthalene
 Concen: 41.86 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.3	49.9
164	32.7	26.2	39.4



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

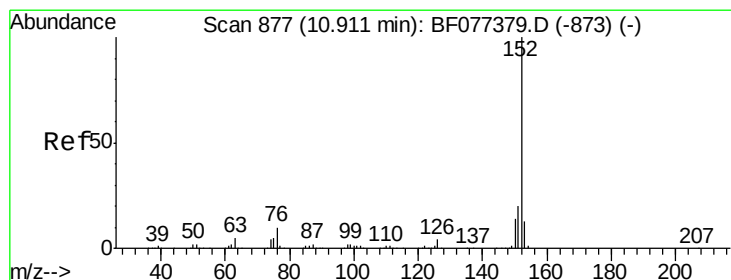
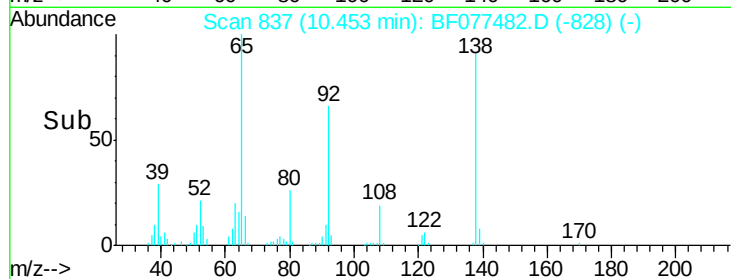
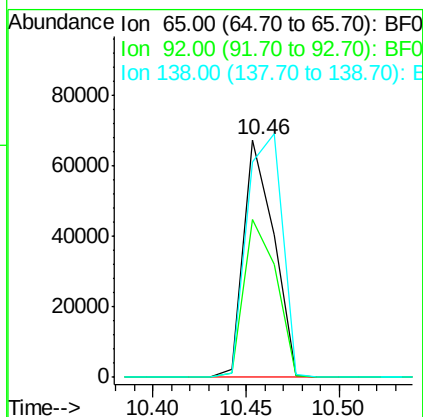
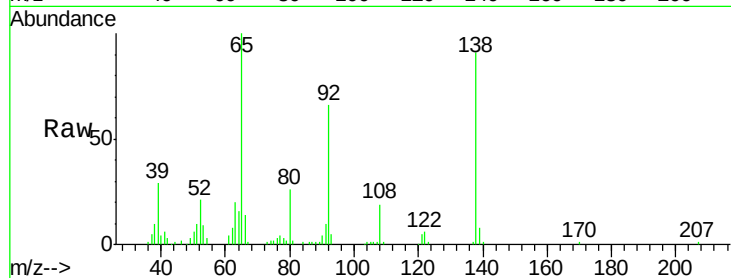




#47
2-Nitroaniline
Concen: 43.44 ng
RT: 10.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

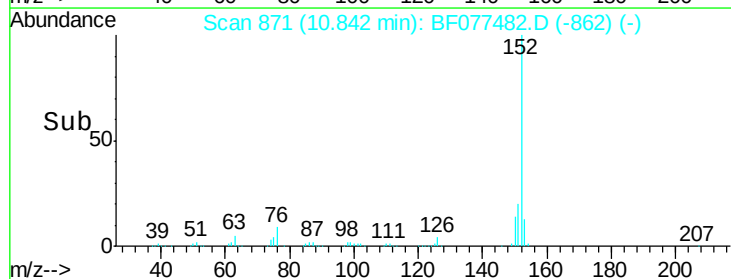
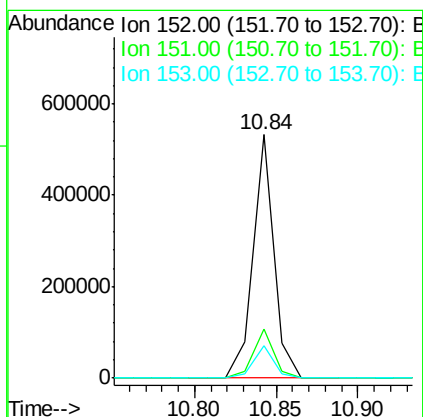
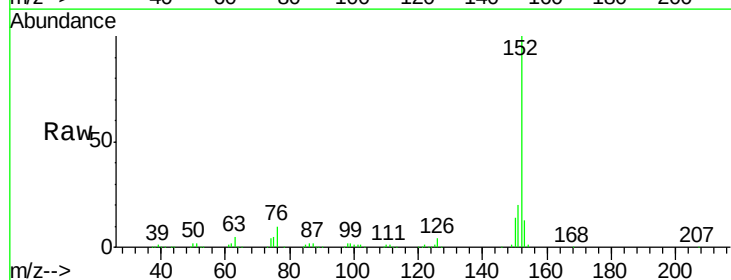
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

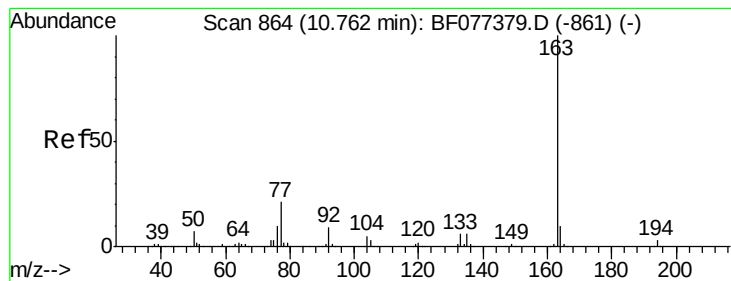
Tgt Ion: 65 Resp: 75752
Ion Ratio Lower Upper
65 100
92 66.3 52.4 78.6
138 90.7 73.4 110.0



#48
Acenaphthylene
Concen: 42.19 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion: 152 Resp: 473161
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 41.05 ng

RT: 10.70 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

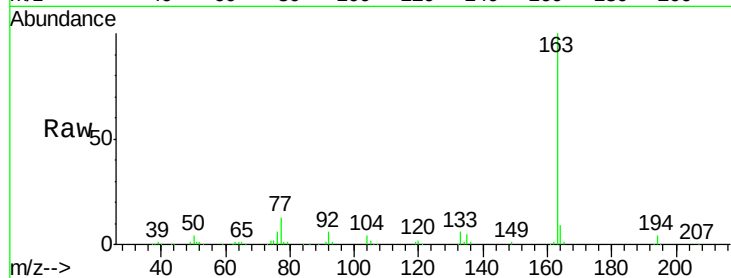
Tgt Ion:163 Resp: 344009

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

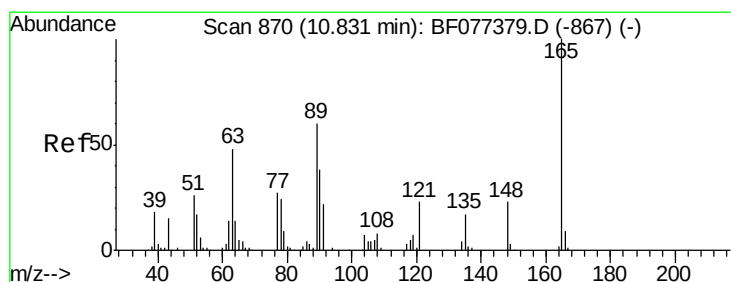
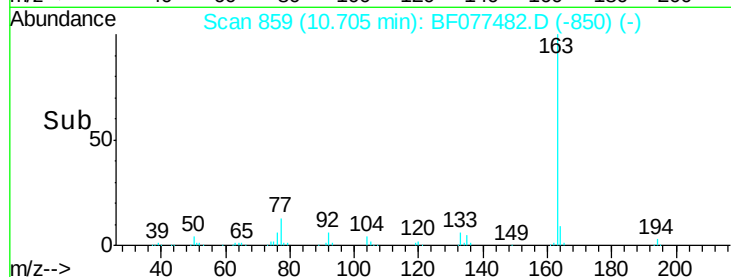
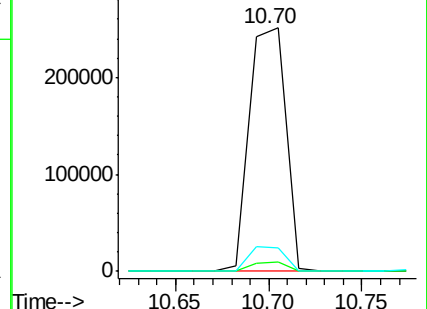
164 9.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.38 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

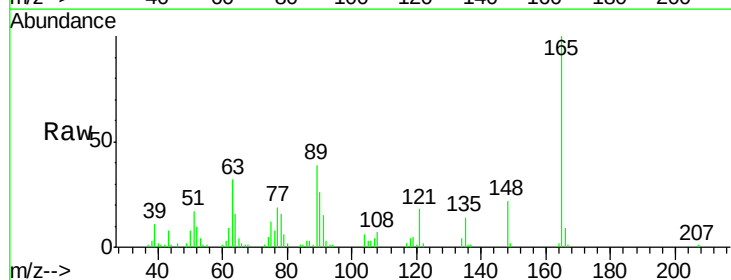
Tgt Ion:165 Resp: 74597

Ion Ratio Lower Upper

165 100

63 32.5 25.2 37.8

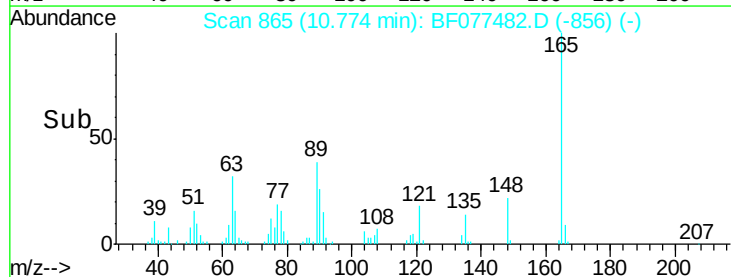
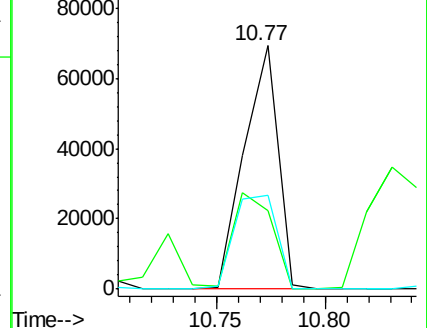
89 38.8 30.5 45.7

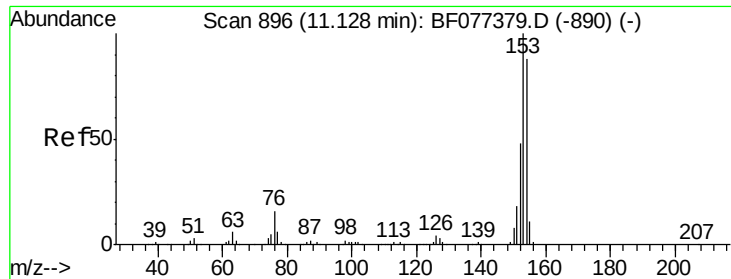


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.74 ng

RT: 11.06 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

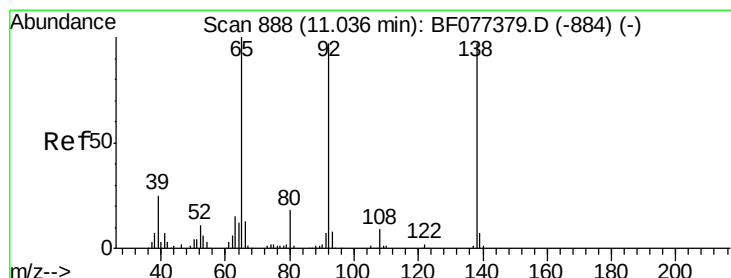
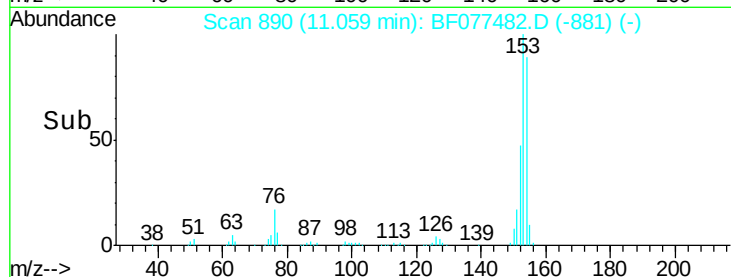
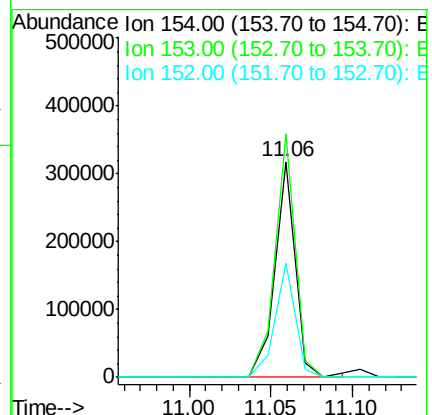
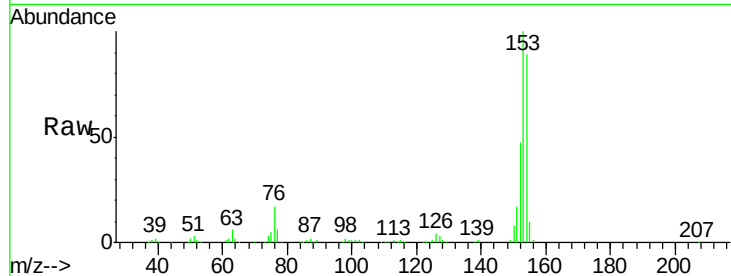
Tgt Ion:154 Resp: 279303

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

152 53.0 43.5 65.3



#52

3-Nitroaniline

Concen: 45.47 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

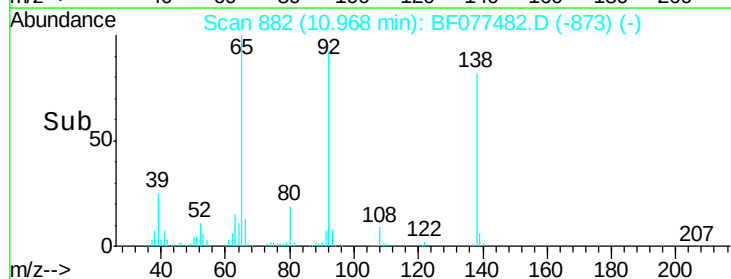
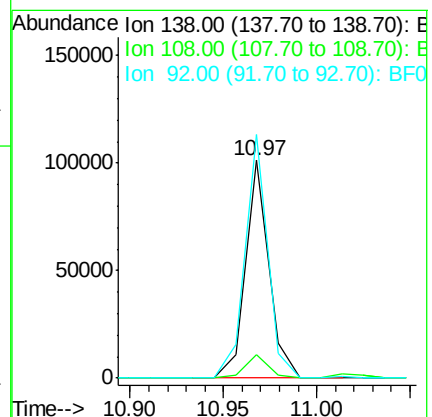
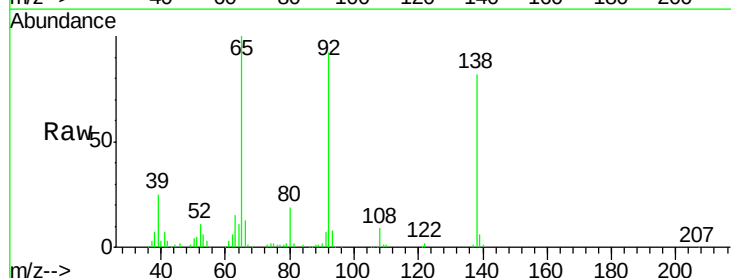
Tgt Ion:138 Resp: 88108

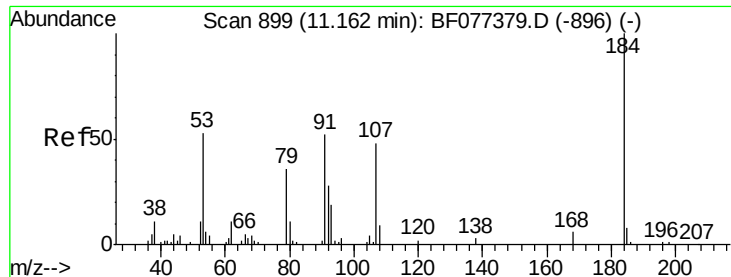
Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

92 111.7 90.6 135.8

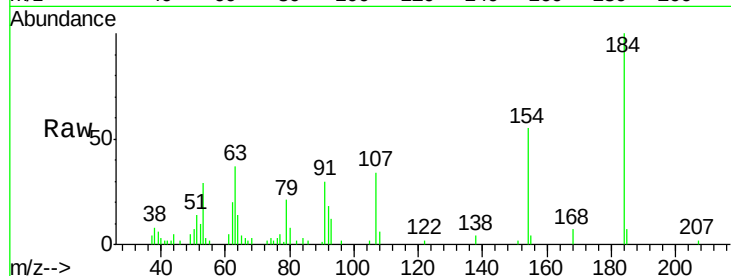




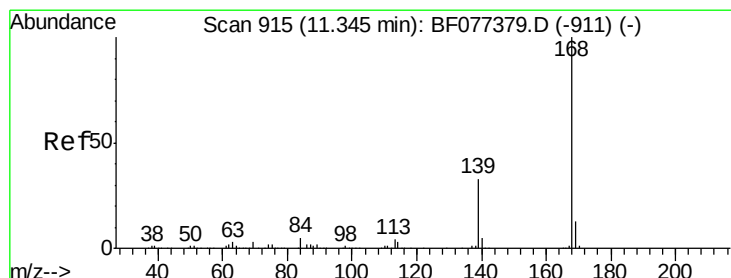
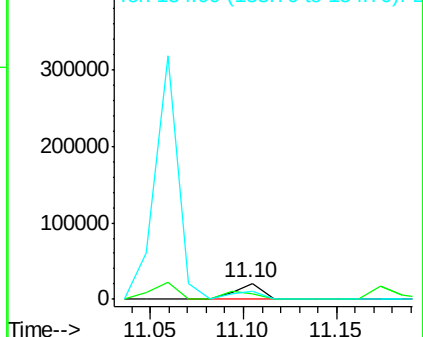
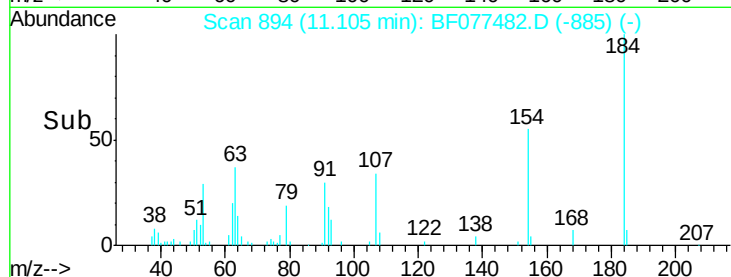
#53
2,4-Dinitrophenol
Concen: 42.31 ng
RT: 11.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 21638
Ion Ratio Lower Upper
184 100
63 37.3 29.5 44.3
154 54.6 43.2 64.8

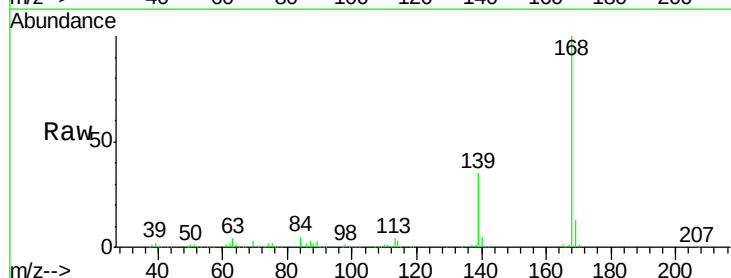


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

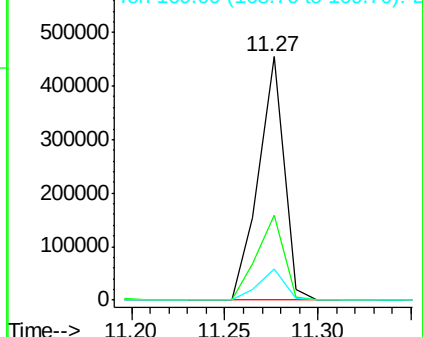
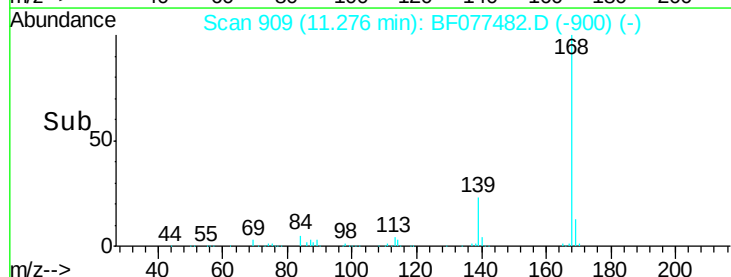


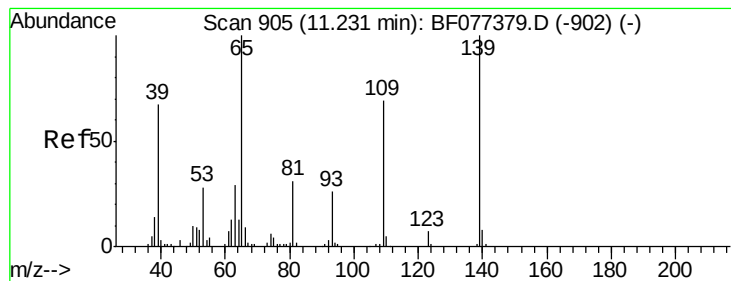
#54
Dibenzofuran
Concen: 41.84 ng
RT: 11.27 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:168 Resp: 432354
Ion Ratio Lower Upper
168 100
139 34.8 29.3 43.9
169 13.0 10.9 16.3



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





#55

4-Nitrophenol

Concen: 41.72 ng

RT: 11.18 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

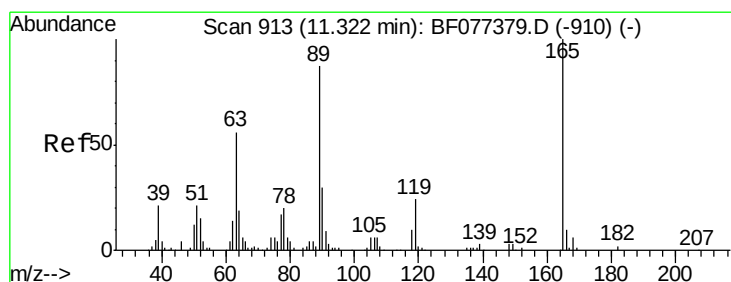
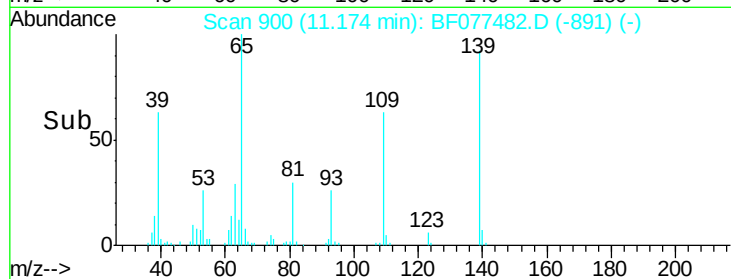
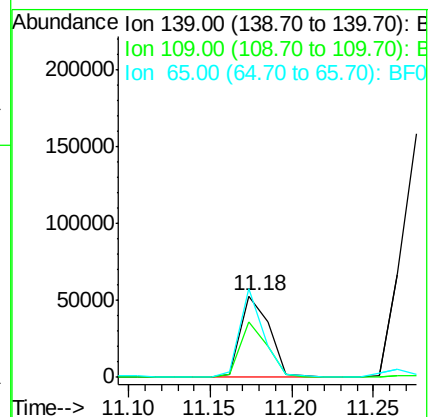
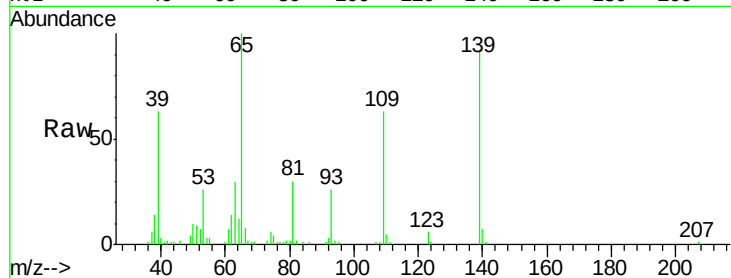
Tgt Ion:139 Resp: 65019

Ion Ratio Lower Upper

139 100

109 68.5 36.2 76.2

65 108.2 40.3 80.3#



#56

2,4-Dinitrotoluene

Concen: 43.47 ng

RT: 11.26 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Tgt Ion:165 Resp: 98713

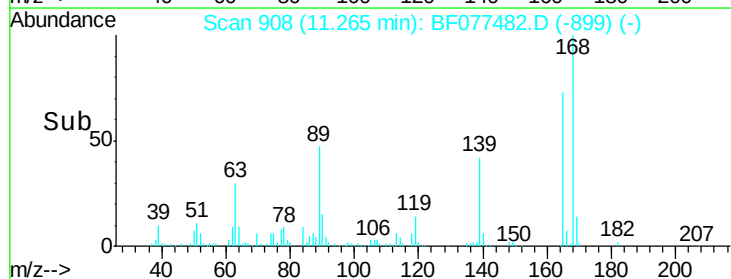
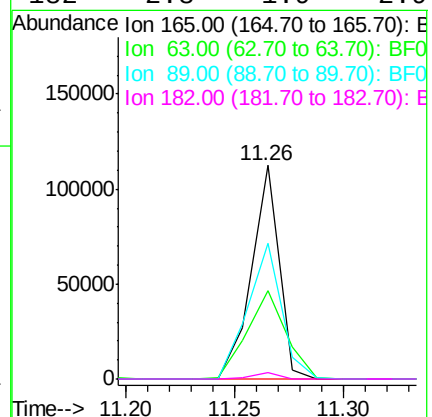
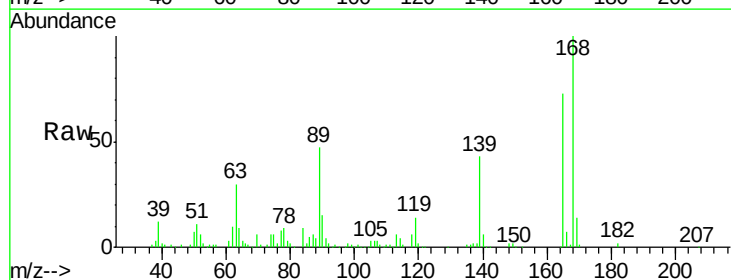
Ion Ratio Lower Upper

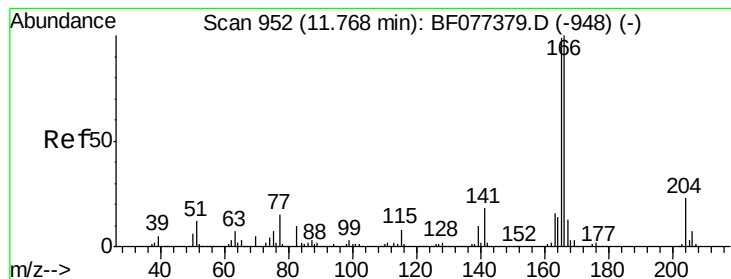
165 100

63 41.6 29.8 44.8

89 63.7 48.5 72.7

182 2.8 1.9 2.9





#57

Fluorene

Concen: 41.44 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

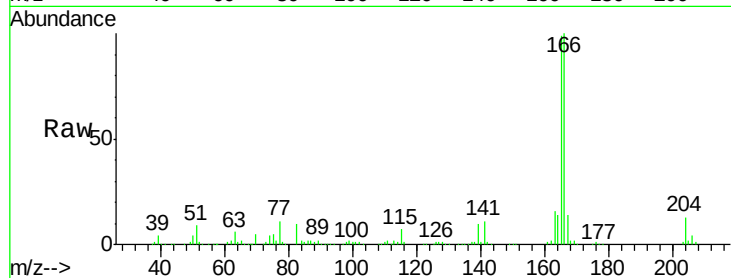
Tgt Ion:166 Resp: 342349

Ion Ratio Lower Upper

166 100

165 99.5 77.6 116.4

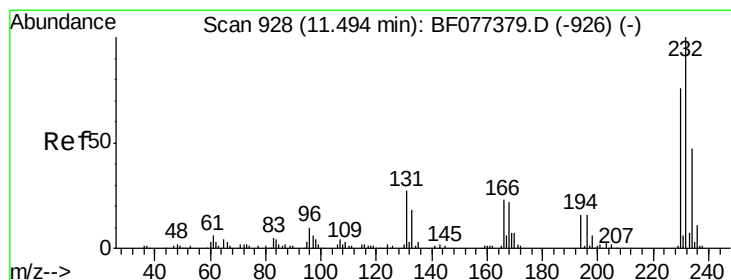
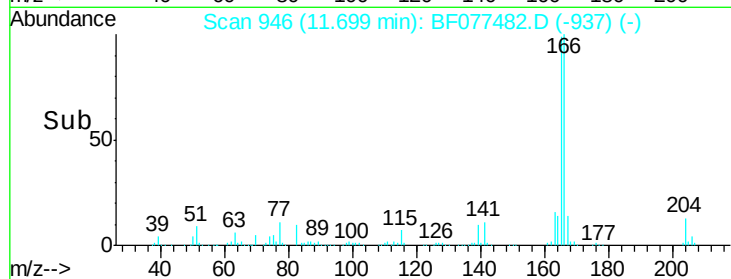
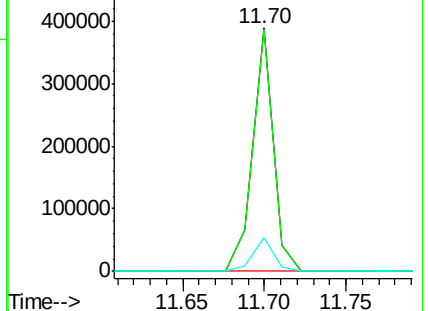
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.88 ng

RT: 11.42 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Tgt Ion:232 Resp: 83508

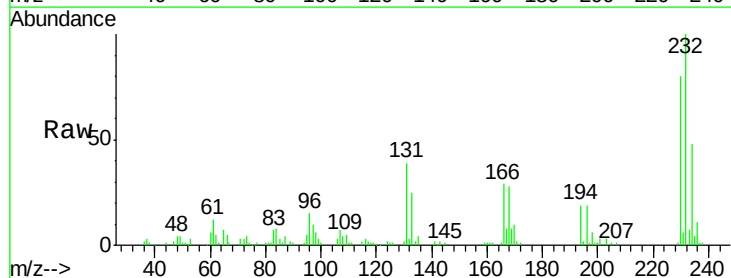
Ion Ratio Lower Upper

232 100

131 45.1 34.2 51.2

130 2.1 1.8 2.6

166 31.9 24.3 36.5

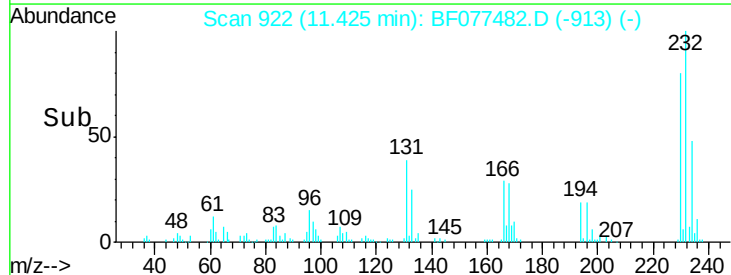
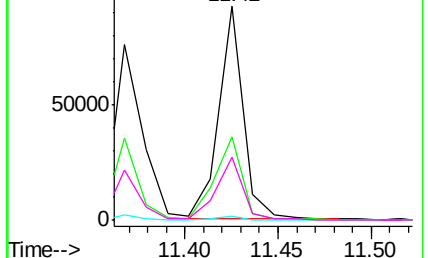


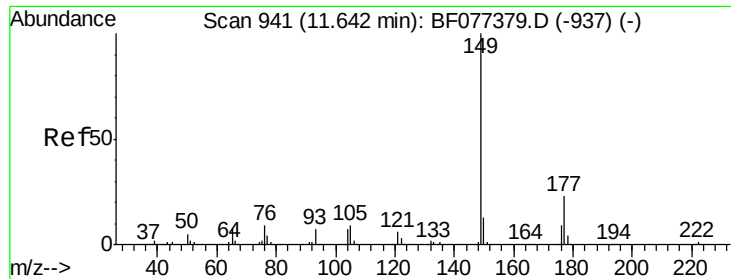
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

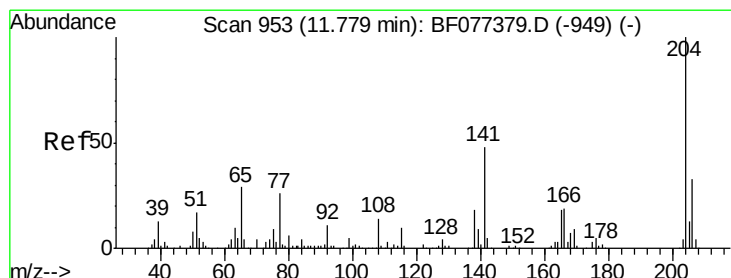
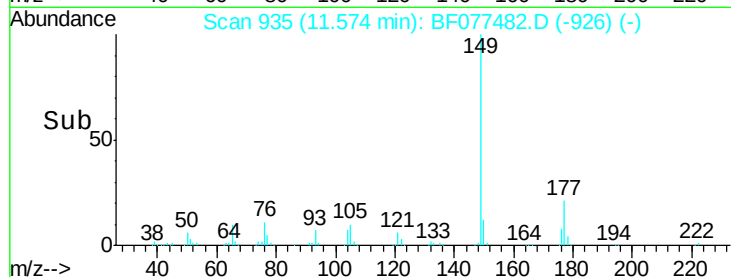
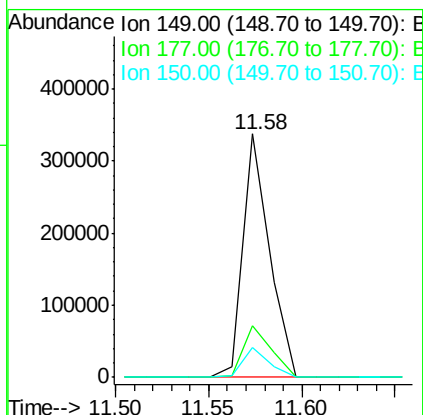
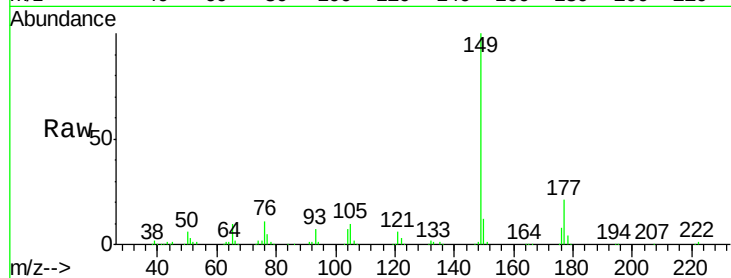




#59
Diethylphthalate
Concen: 40.21 ng
RT: 11.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

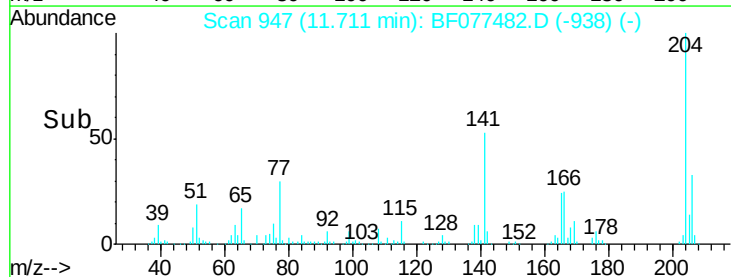
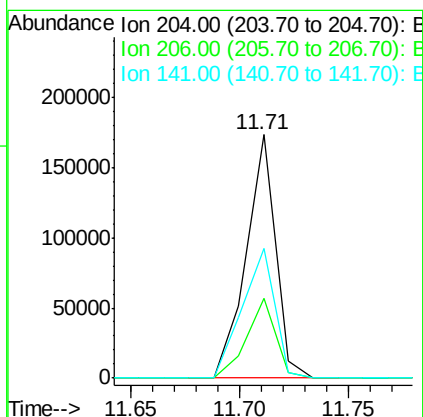
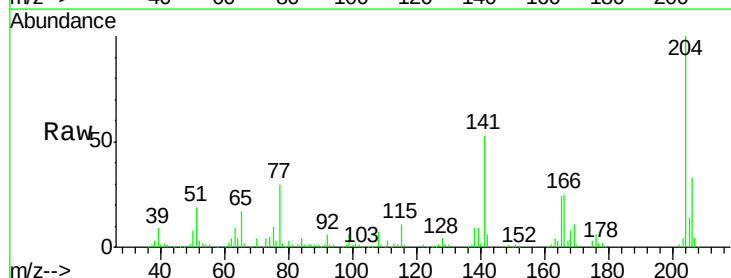
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

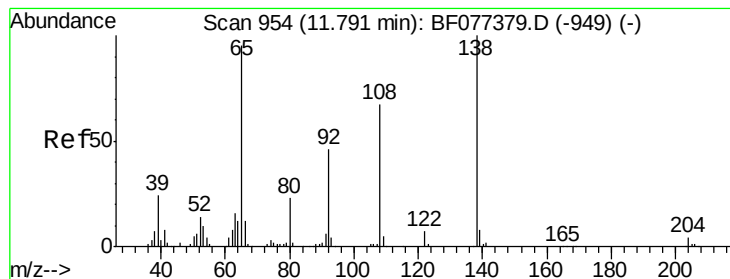
Tgt Ion:149 Resp: 332218
Ion Ratio Lower Upper
149 100
177 21.1 17.2 25.8
150 12.3 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 40.81 ng
RT: 11.71 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:204 Resp: 162444
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 53.5 43.6 65.4





#61

4-Nitroaniline

Concen: 45.33 ng

RT: 11.72 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

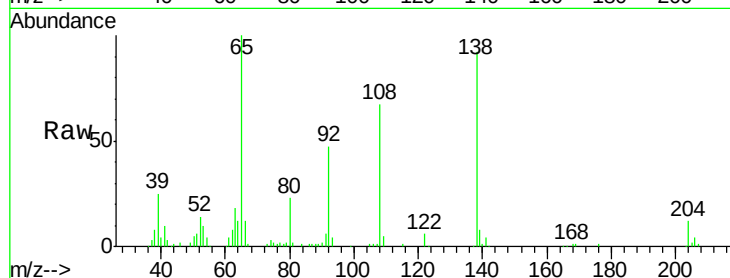
Tgt Ion:138 Resp: 84181

Ion Ratio Lower Upper

138 100

92 50.7 32.8 72.8

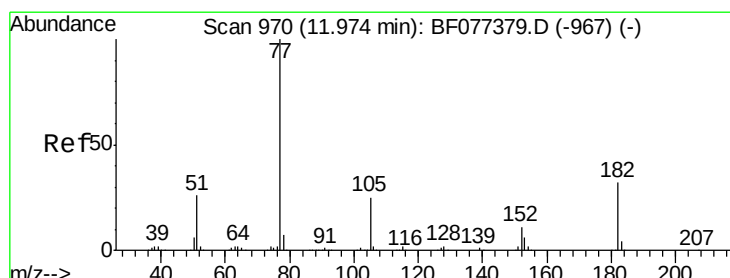
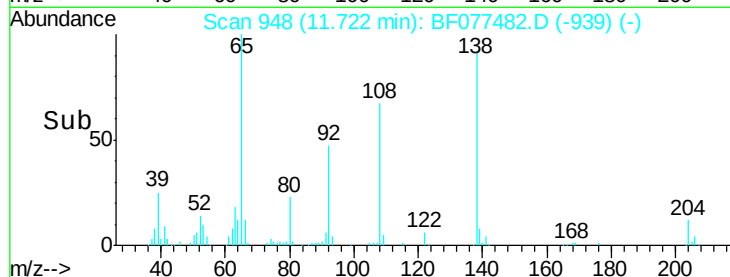
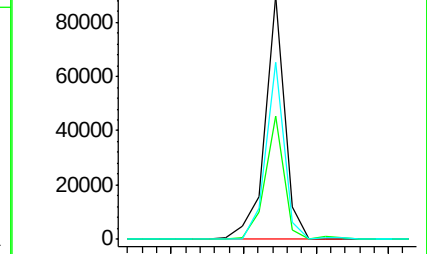
108 72.6 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.62 ng

RT: 11.90 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Tgt Ion: 77 Resp: 326241

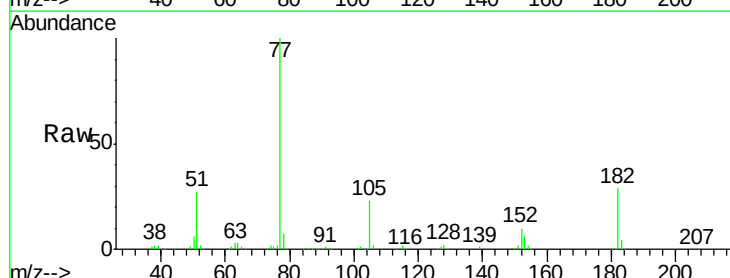
Ion Ratio Lower Upper

77 100

182 28.6 4.9 44.9

105 23.5 3.3 43.3

51 27.5 8.9 48.9

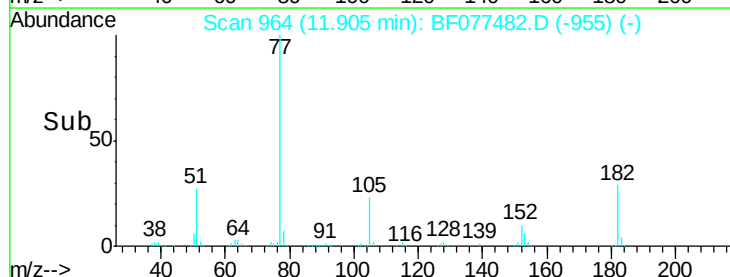
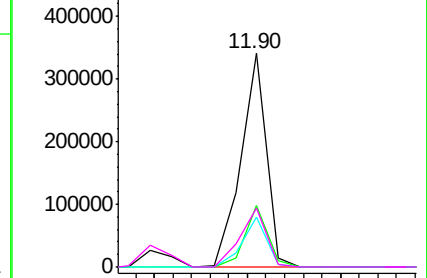


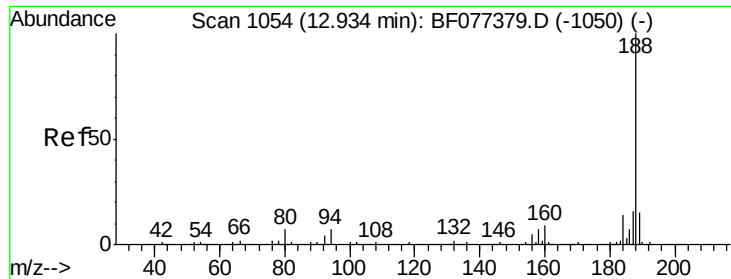
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

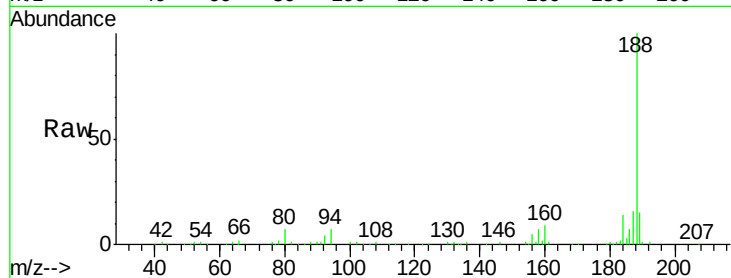




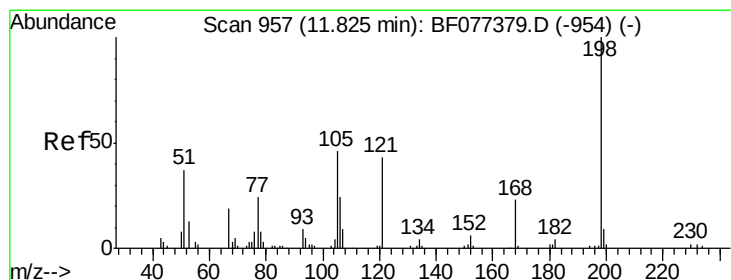
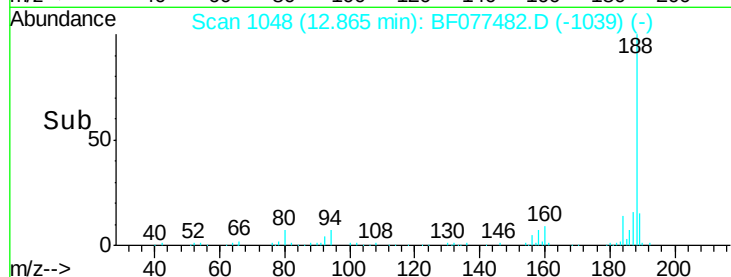
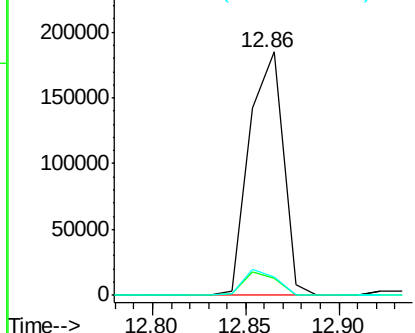
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 231731
Ion Ratio Lower Upper
188 100
94 7.1 7.4 11.2#
80 7.3 8.0 12.0#

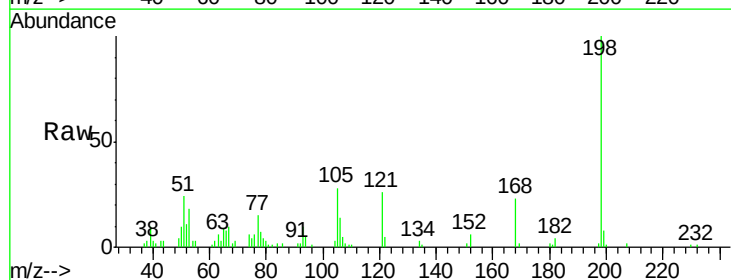


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

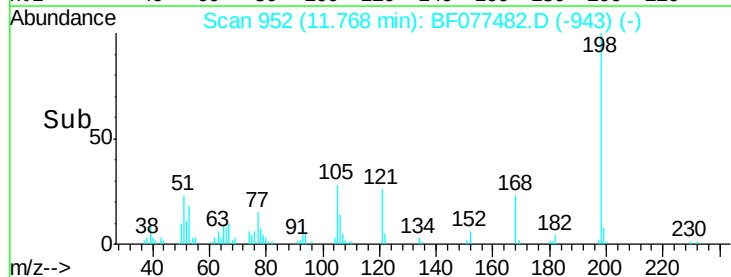
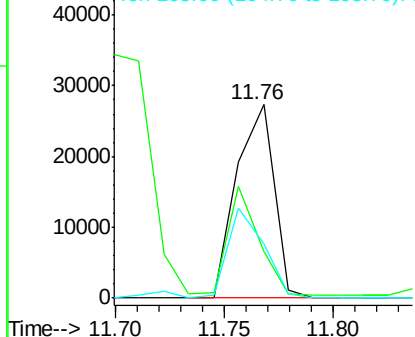


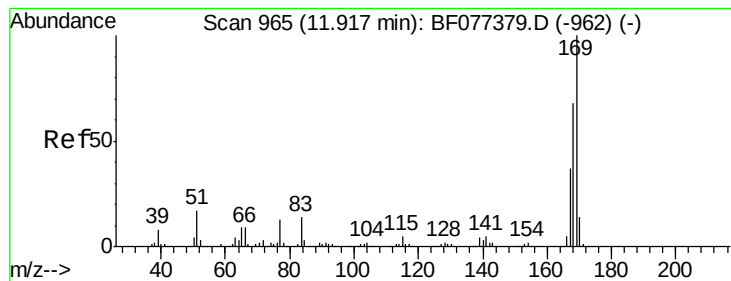
#64
4,6-Dinitro-2-methylphenol
Concen: 36.42 ng
RT: 11.76 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:198 Resp: 32774
Ion Ratio Lower Upper
198 100
51 24.0 2.7 42.7
105 27.8 10.0 50.0



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: 38.05 ng

RT: 11.85 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

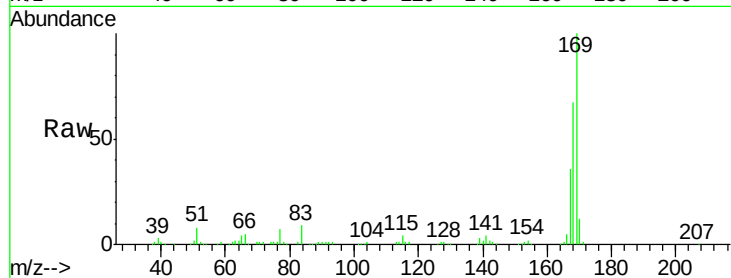
Tgt Ion:169 Resp: 292589

Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

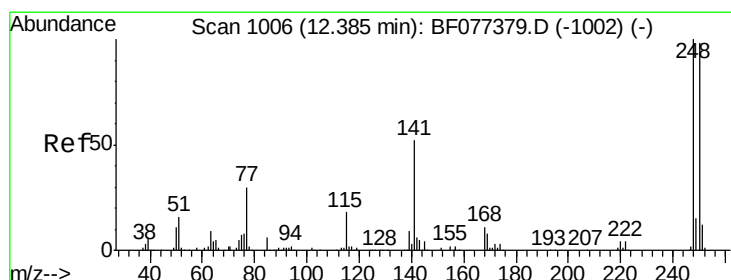
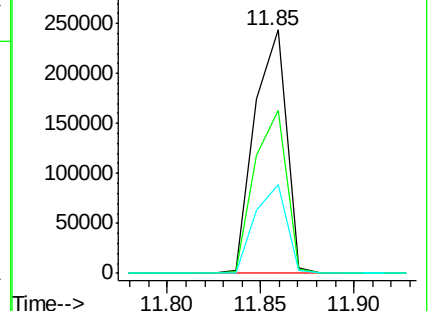
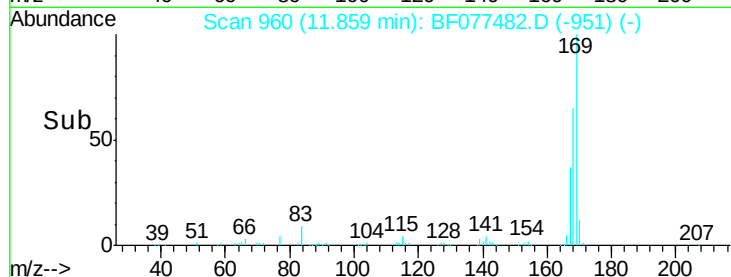
167 36.5 29.5 44.3



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: 37.69 ng

RT: 12.32 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

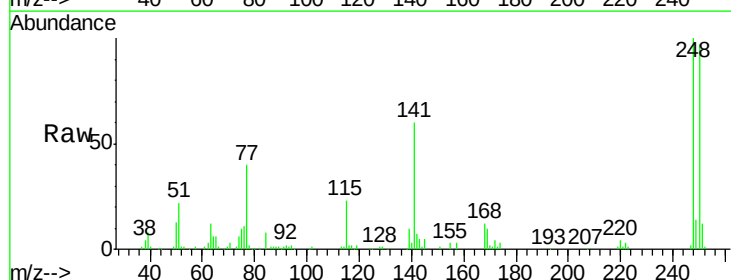
Tgt Ion:248 Resp: 102269

Ion Ratio Lower Upper

248 100

250 96.7 78.0 117.0

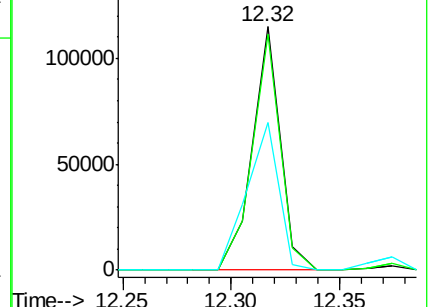
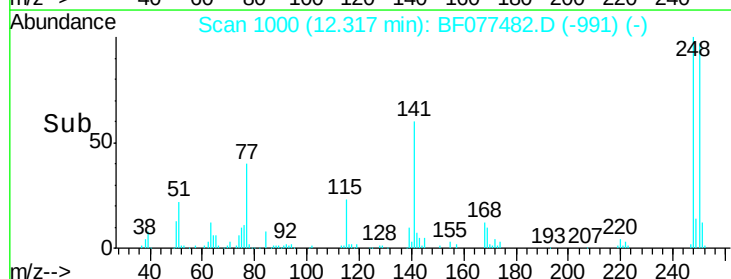
141 60.4 54.1 81.1

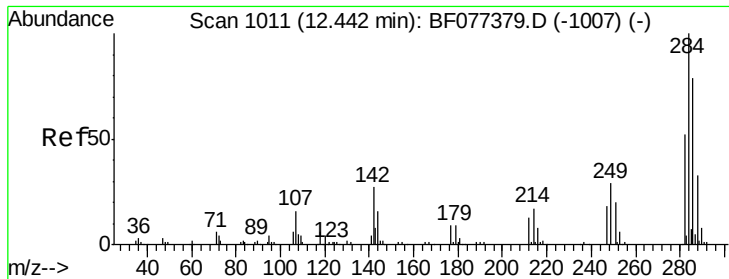


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.11 ng

RT: 12.37 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

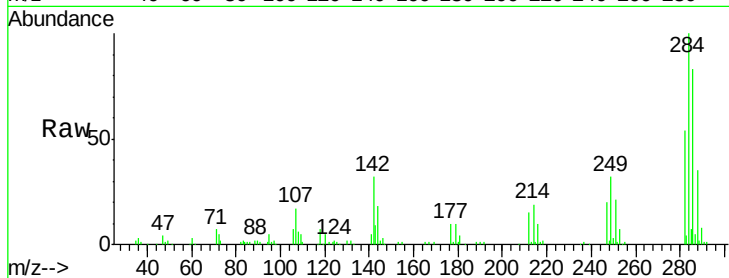
Tgt Ion:284 Resp: 105166

Ion Ratio Lower Upper

284 100

142 31.9 31.6 47.4

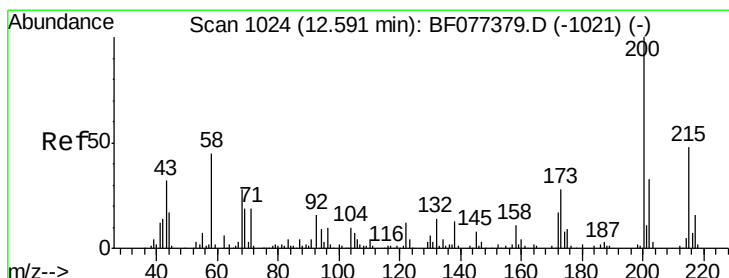
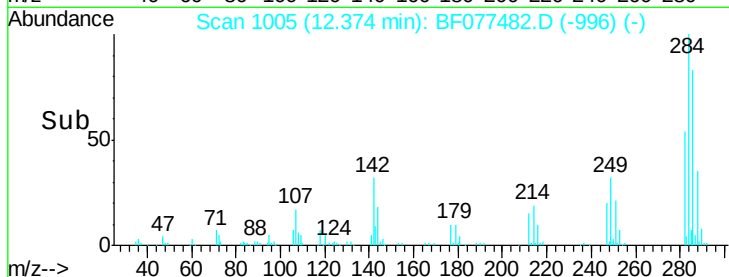
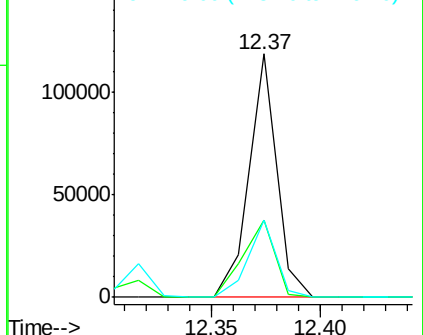
249 31.6 27.0 40.4



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: 34.99 ng

RT: 12.53 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

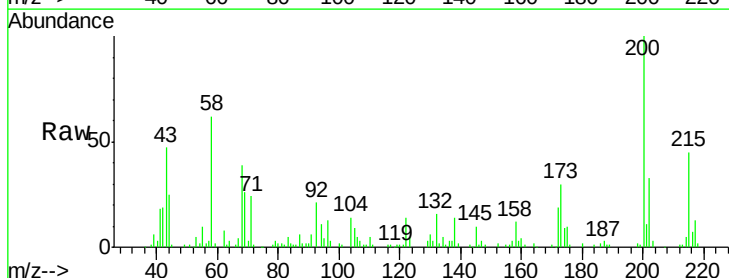
Tgt Ion:200 Resp: 87465

Ion Ratio Lower Upper

200 100

173 30.2 9.6 49.6

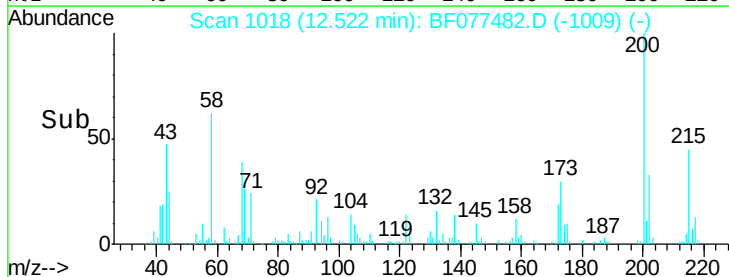
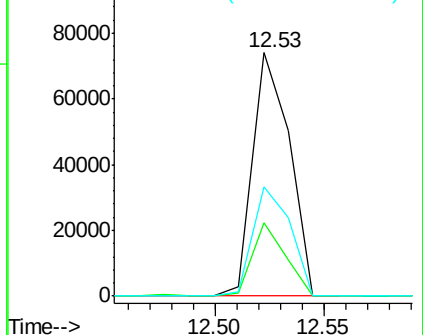
215 44.8 24.4 64.4

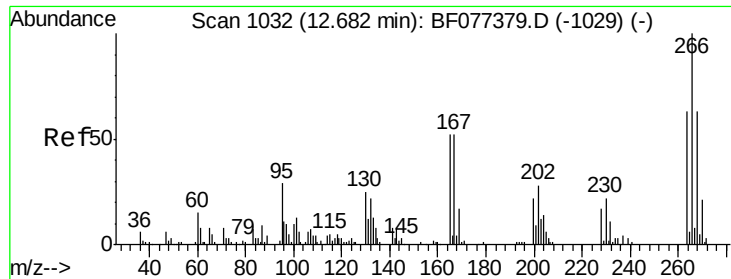


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 35.85 ng

RT: 12.62 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

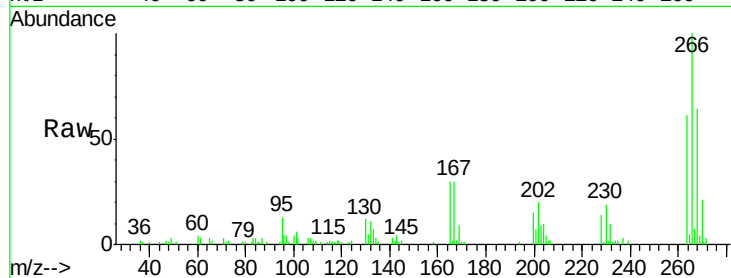
Tgt Ion:266 Resp: 54879

Ion Ratio Lower Upper

266 100

268 63.6 51.2 76.8

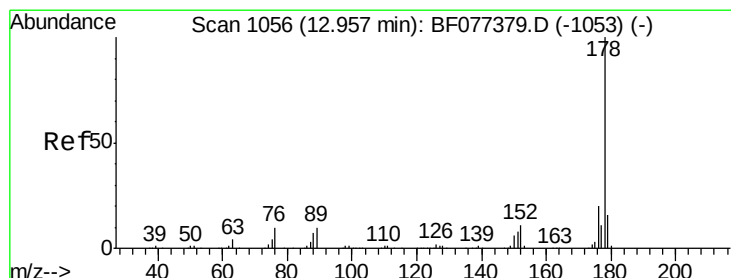
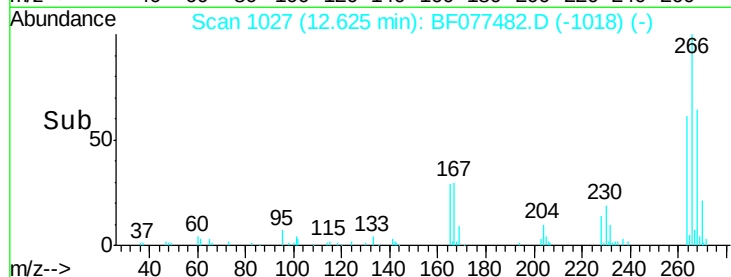
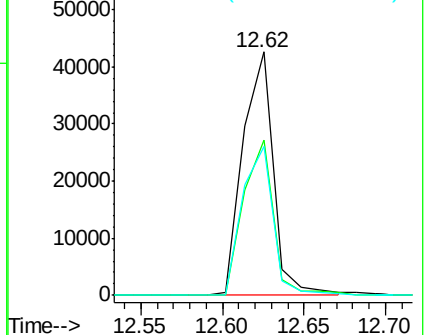
264 61.1 50.7 76.1



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: 37.78 ng

RT: 12.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

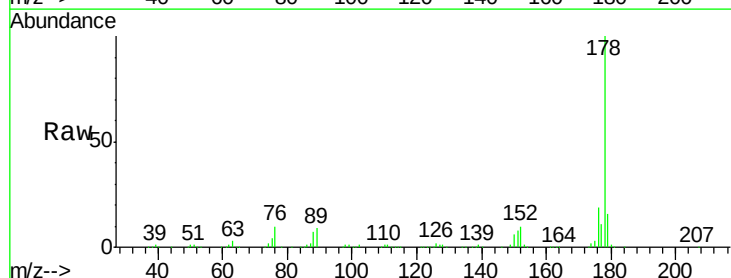
Tgt Ion:178 Resp: 507478

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

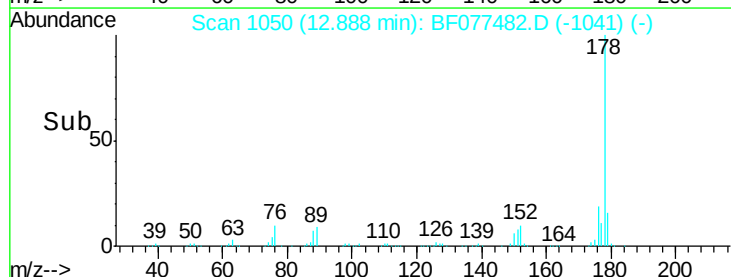
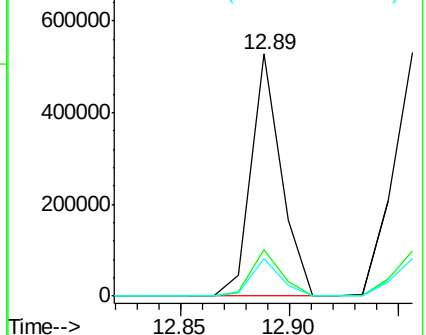
179 15.6 12.2 18.2

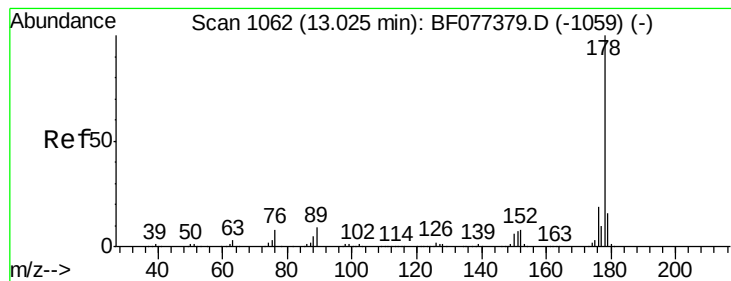


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.38 ng

RT: 12.95 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

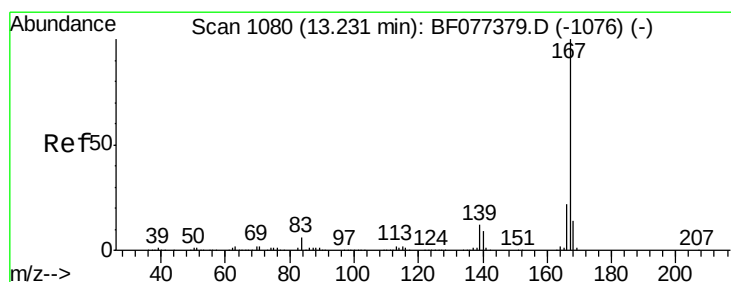
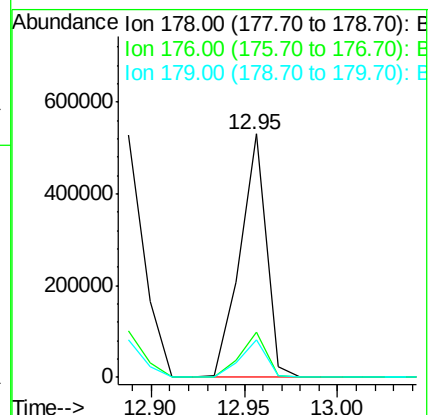
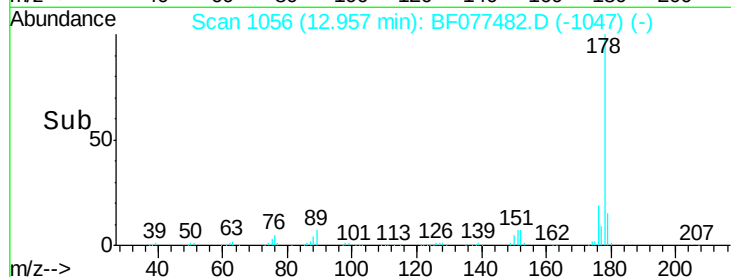
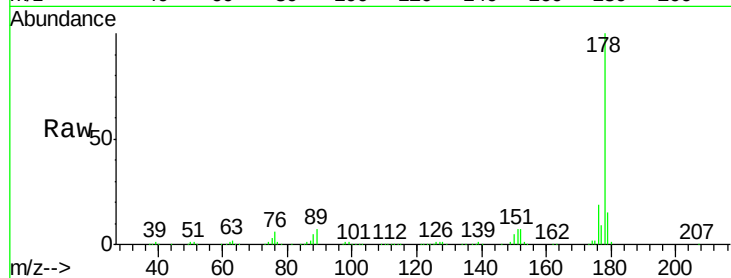
Tgt Ion:178 Resp: 524940

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

179 15.4 12.9 19.3



#72

Carbazole

Concen: 39.54 ng

RT: 13.16 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

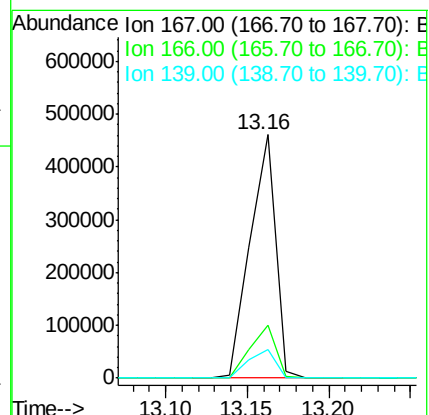
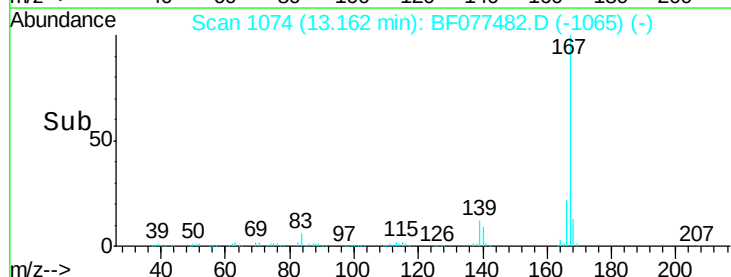
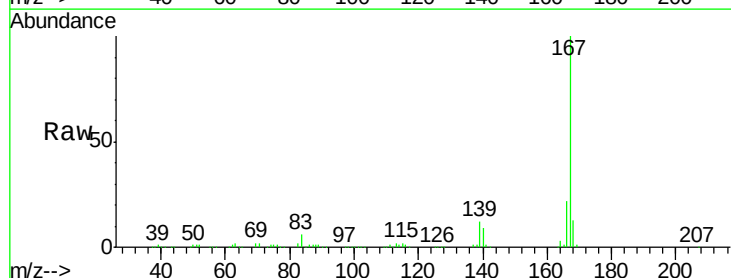
Tgt Ion:167 Resp: 501048

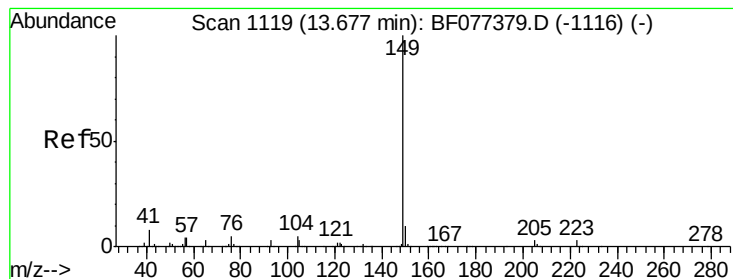
Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

139 11.6 9.9 14.9





#73

Di-n-butylphthalate

Concen: 37.66 ng

RT: 13.61 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

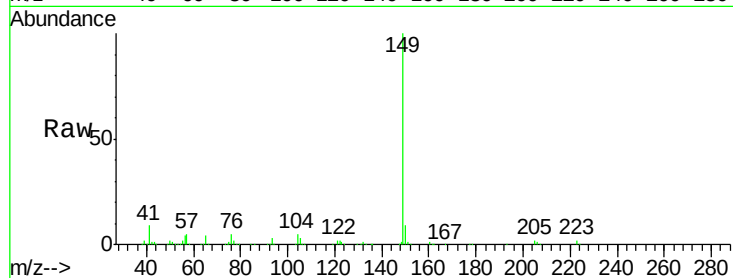
Tgt Ion:149 Resp: 560488

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

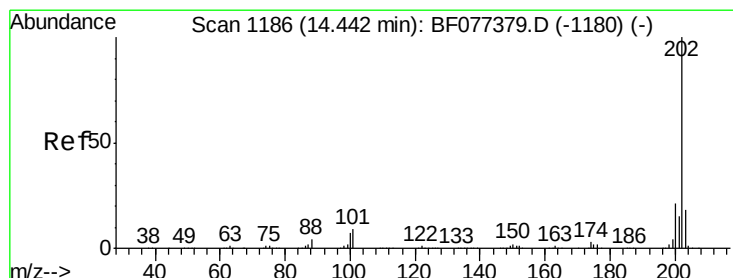
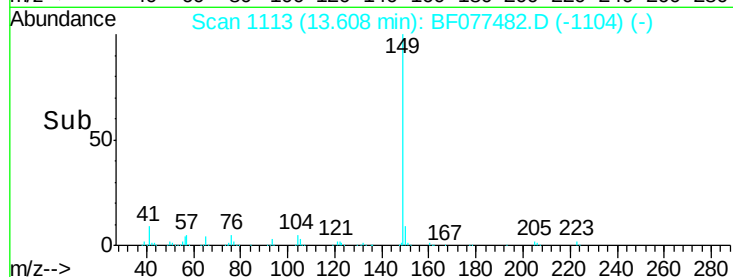
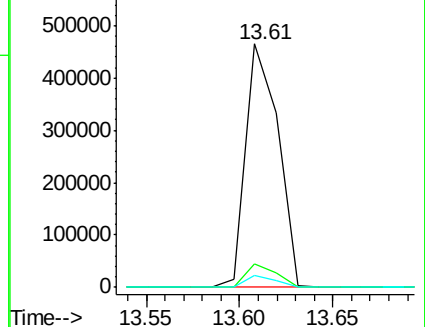
104 5.1 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.28 ng

RT: 14.37 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

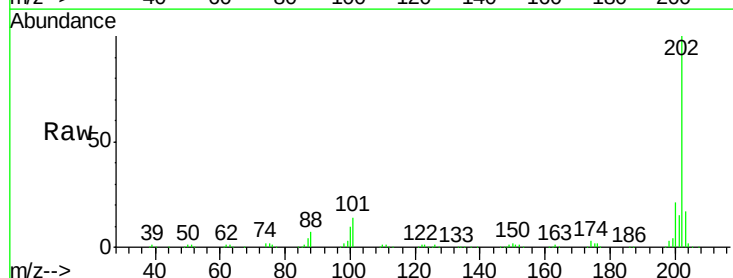
Tgt Ion:202 Resp: 561554

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.8

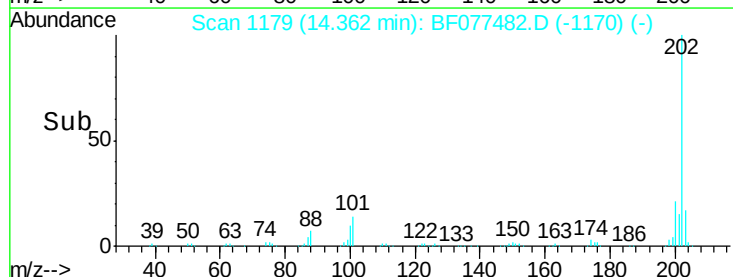
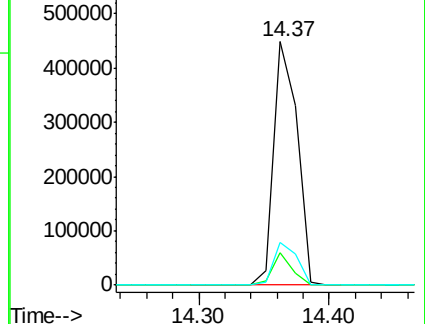
203 17.4 0.0 37.7

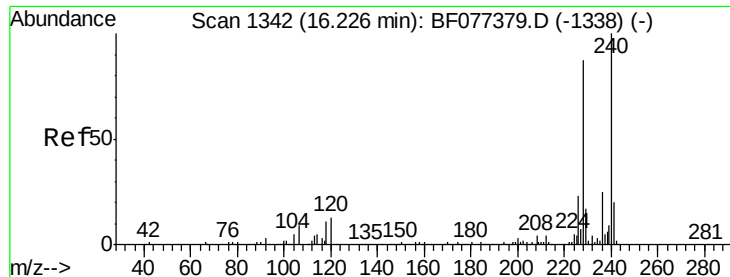


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

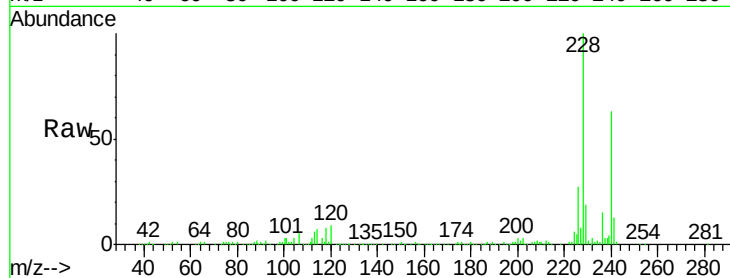
Tgt Ion:240 Resp: 254205

Ion Ratio Lower Upper

240 100

120 13.9 8.8 13.2#

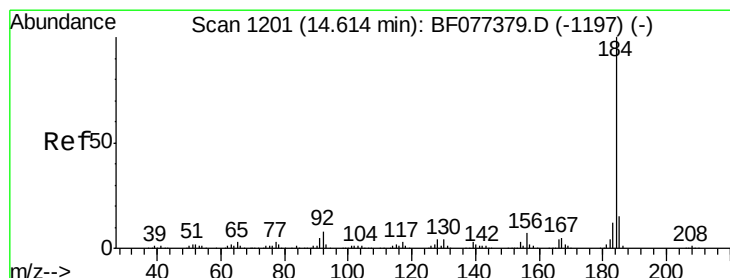
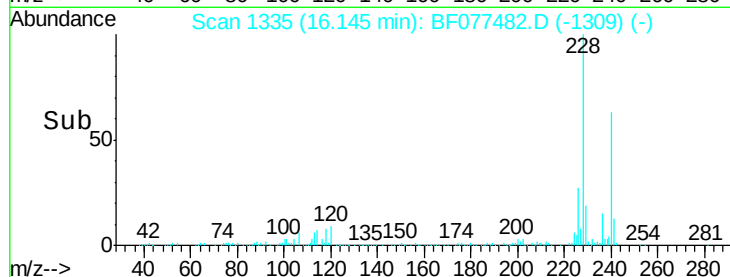
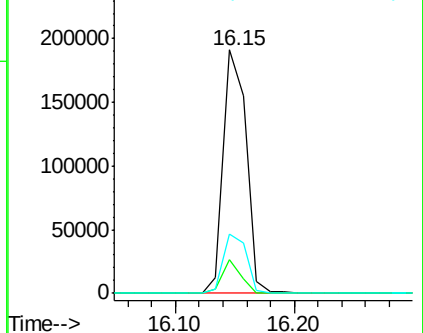
236 24.5 20.7 31.1



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: 44.76 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

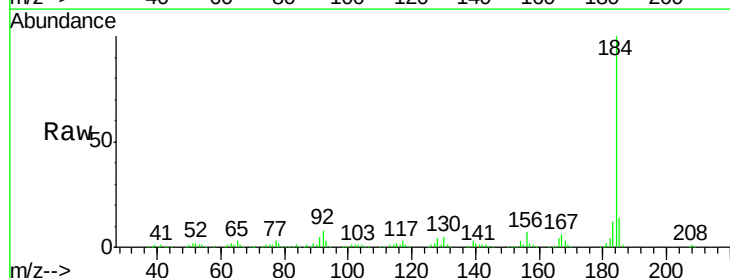
Tgt Ion:184 Resp: 384421

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

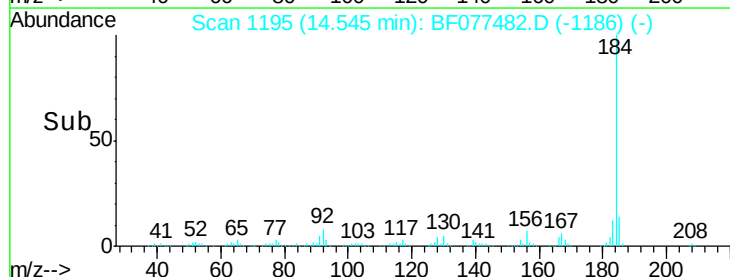
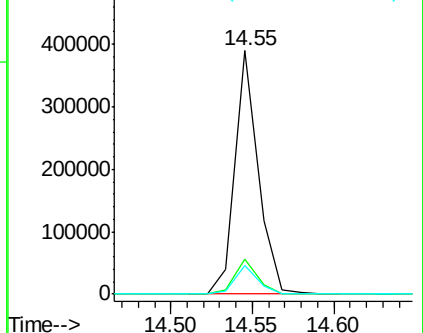
183 11.7 9.3 13.9

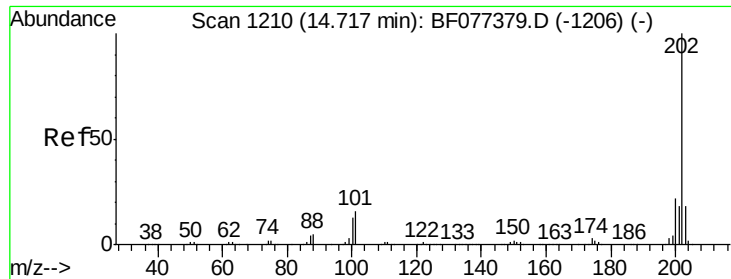


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

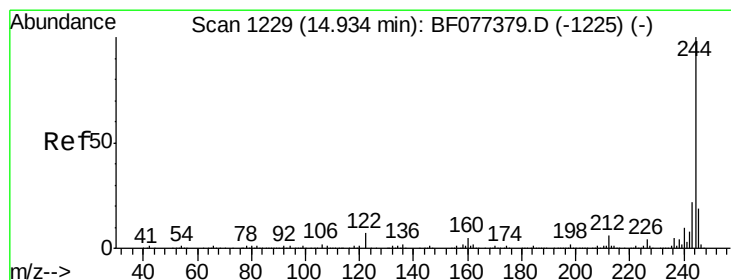
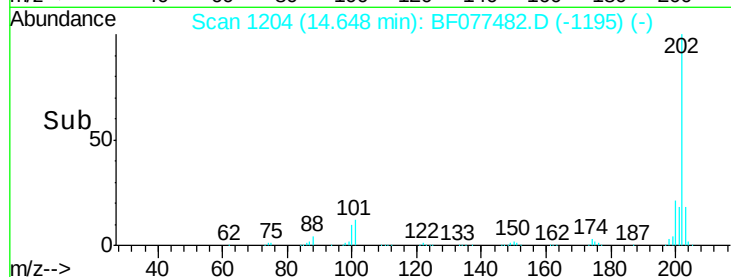
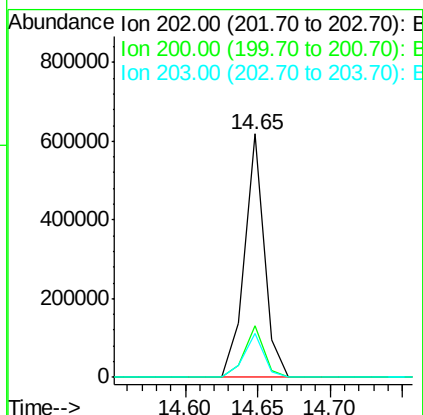
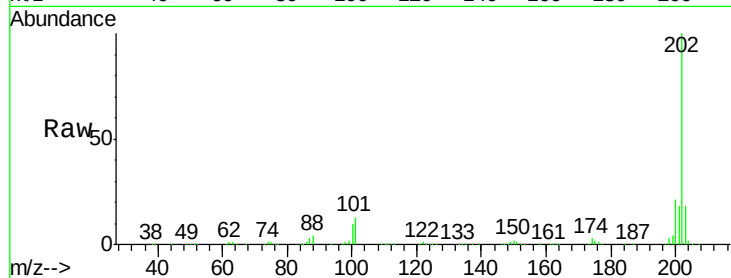




#77
 Pyrene
 Concen: 37.83 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

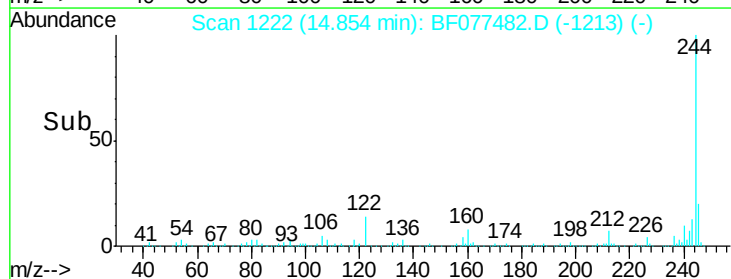
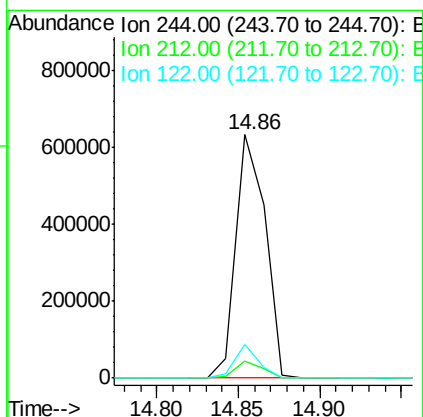
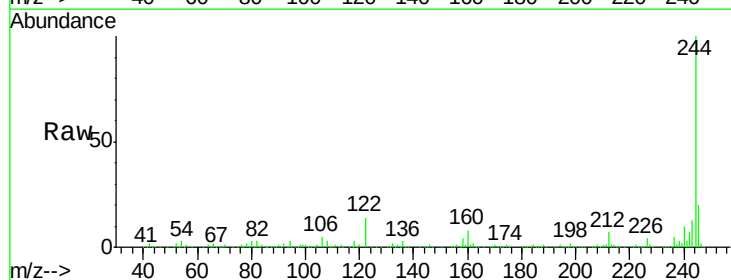
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

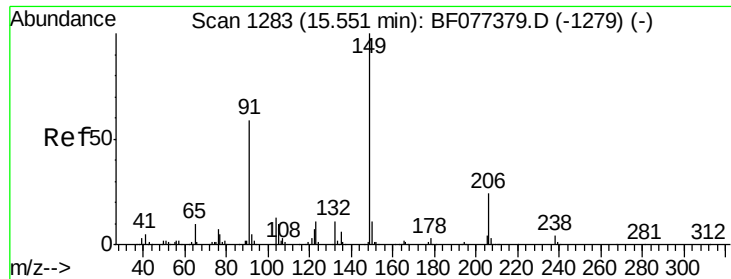
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.9	14.2	21.2



#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 14.86 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	14.0	7.8	11.8





#79

Butylbenzylphthalate

Concen: 37.78 ng

RT: 15.48 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

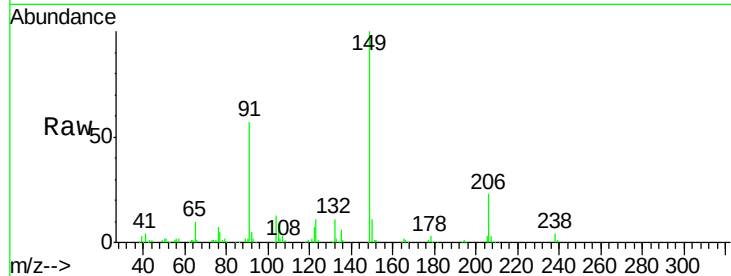
Tgt Ion:149 Resp: 241668

Ion Ratio Lower Upper

149 100

91 56.9 51.2 76.8

206 23.1 17.8 26.8



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

250000

200000

150000

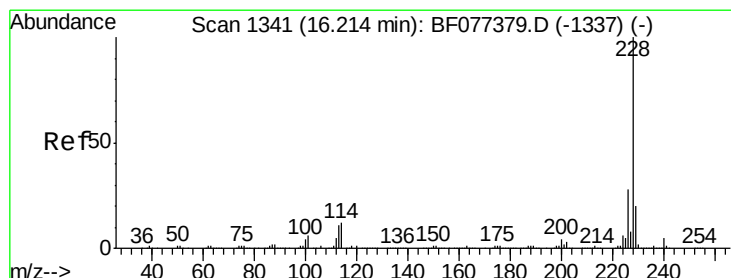
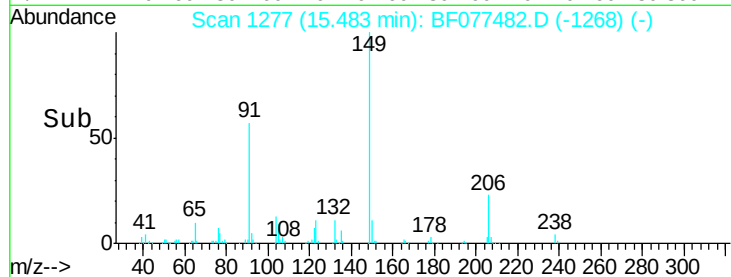
100000

50000

0

15.40 15.45 15.50

Time-->



#80

Benzo(a)anthracene

Concen: 37.78 ng

RT: 16.14 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

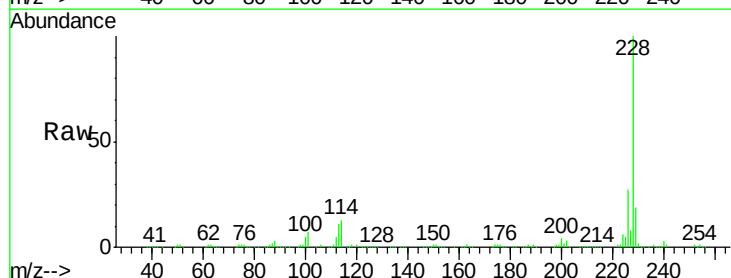
Tgt Ion:228 Resp: 562804

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

229 19.4 15.8 23.8



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

600000

500000

400000

300000

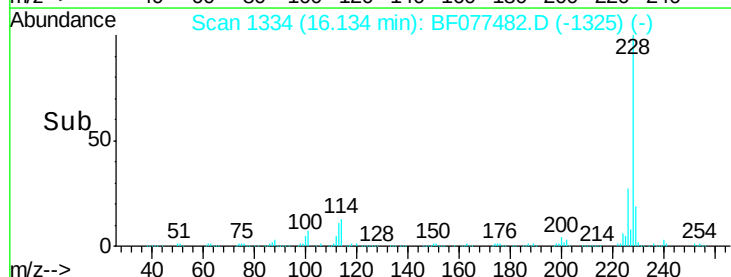
200000

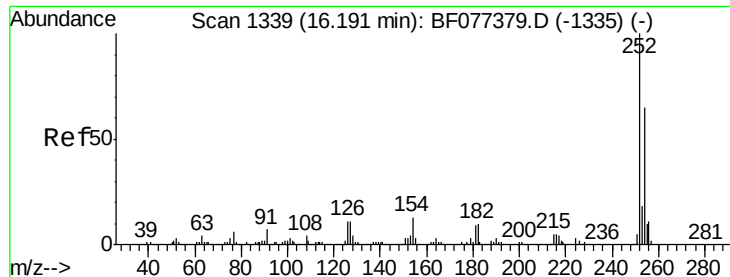
100000

0

16.10 16.15

Time-->

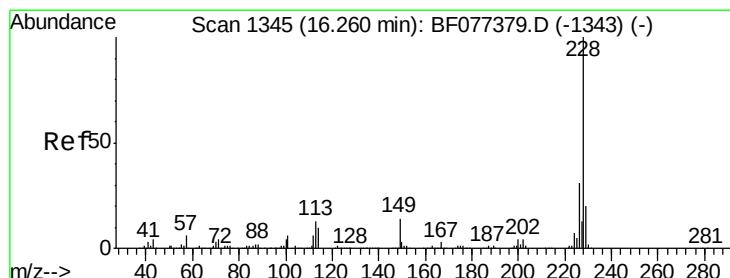
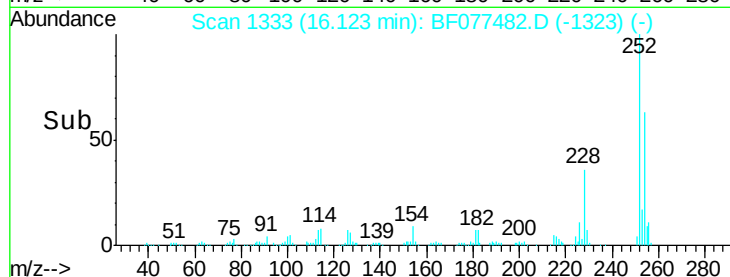
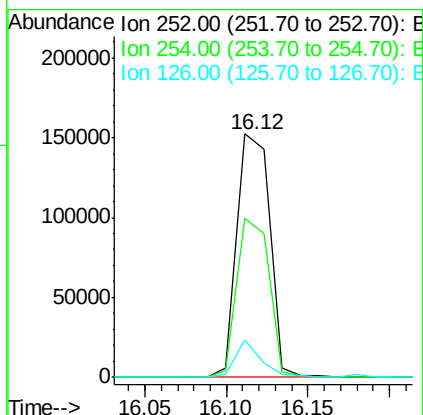
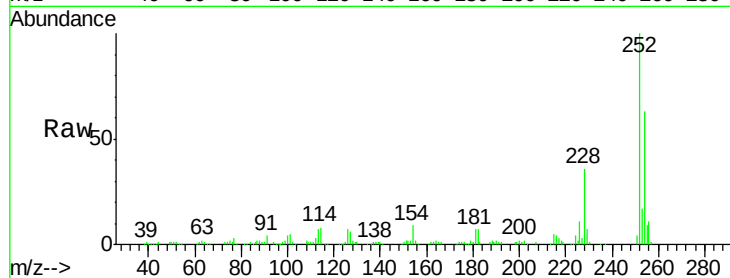




#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

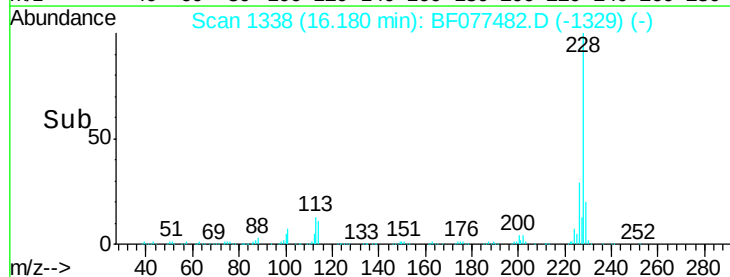
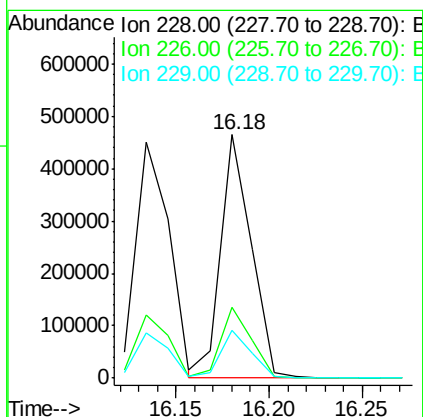
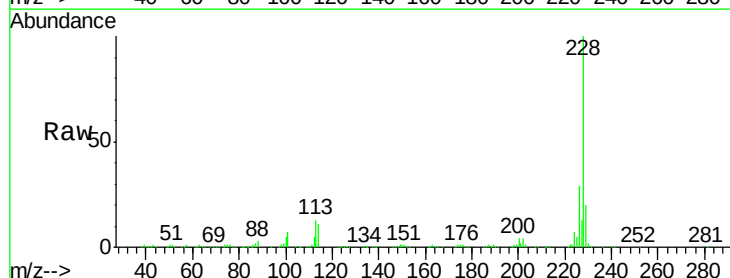
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

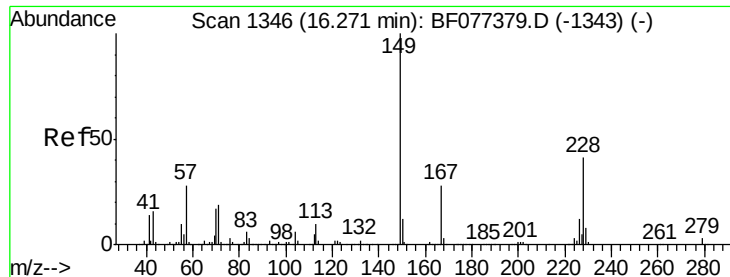
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.9	79.3
126	6.5	7.3	10.9



#82
 Chrysene
 Concen: 37.76 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	19.9	16.4	24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.50 ng

RT: 16.20 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

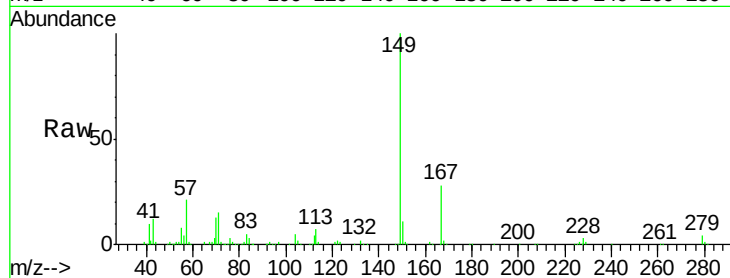
Tgt Ion:149 Resp: 374465

Ion Ratio Lower Upper

149 100

167 28.3 22.8 34.2

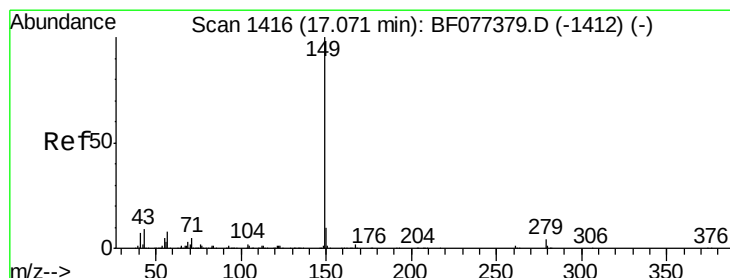
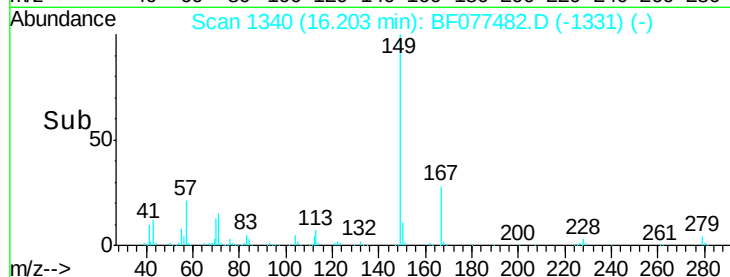
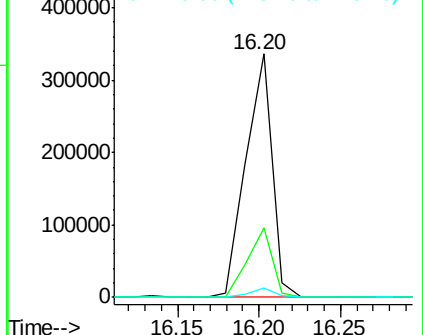
279 4.1 3.8 5.6



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: 36.31 ng

RT: 16.99 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

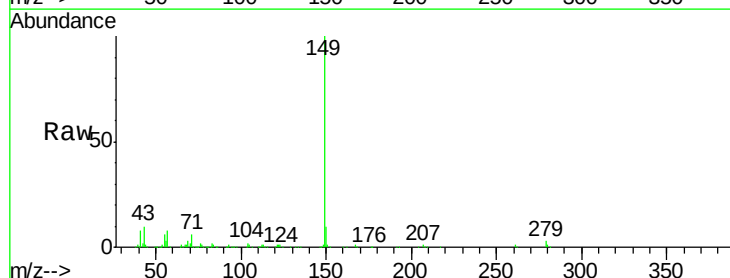
Tgt Ion:149 Resp: 621863

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

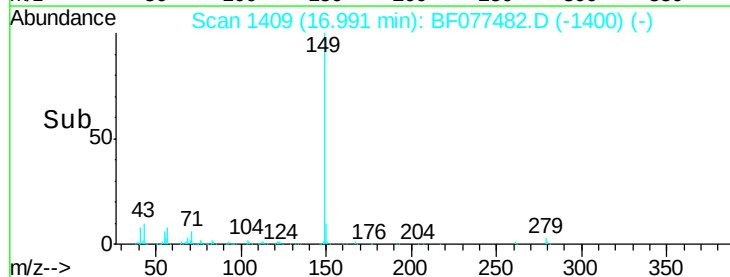
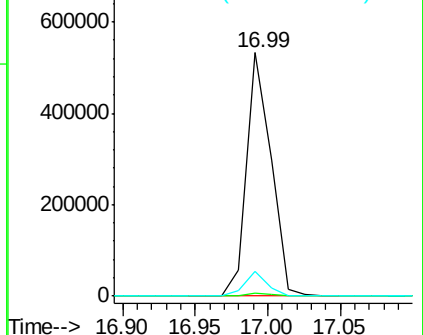
43 9.7 8.1 12.1

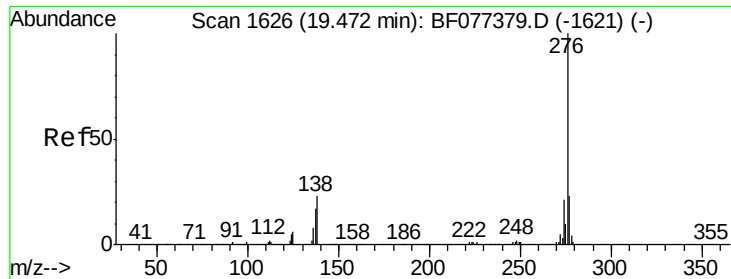


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

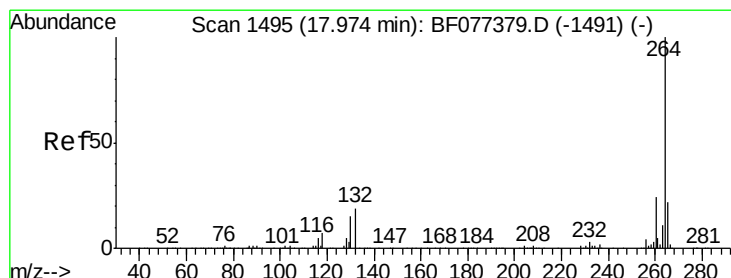
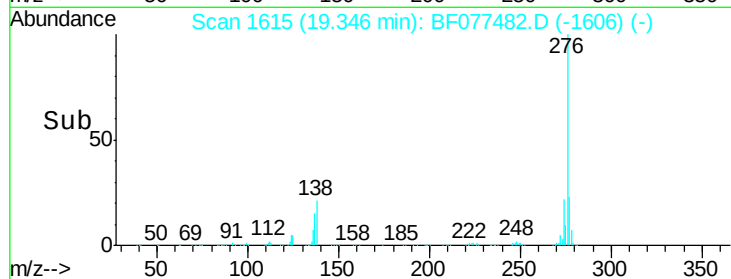
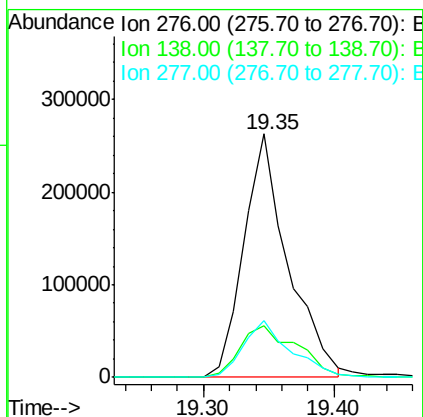
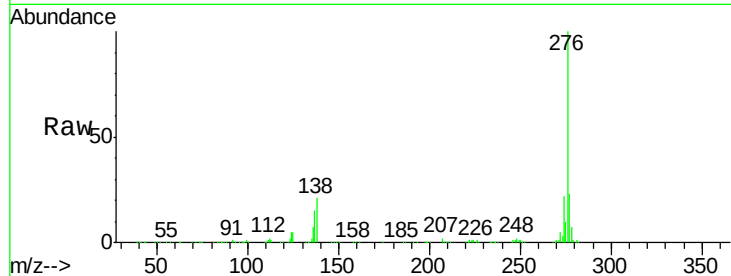




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.82 ng
 RT: 19.35 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

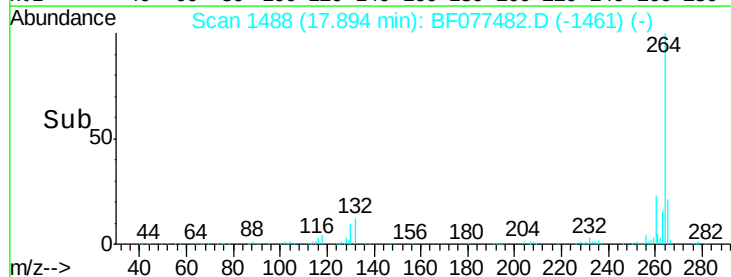
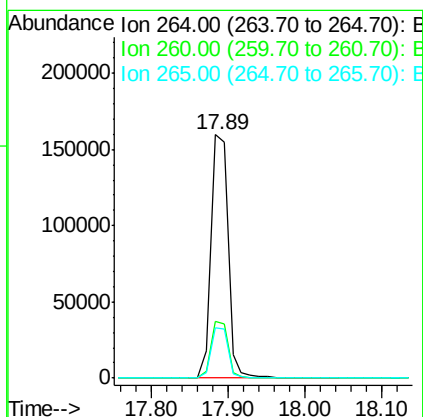
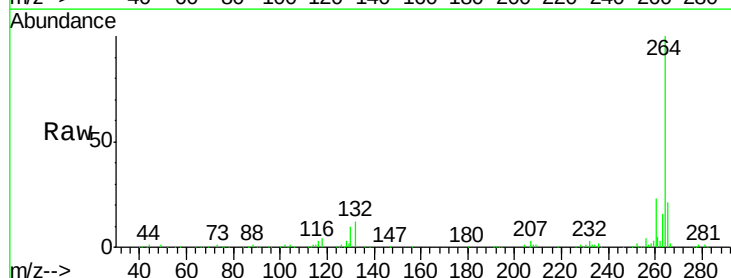
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

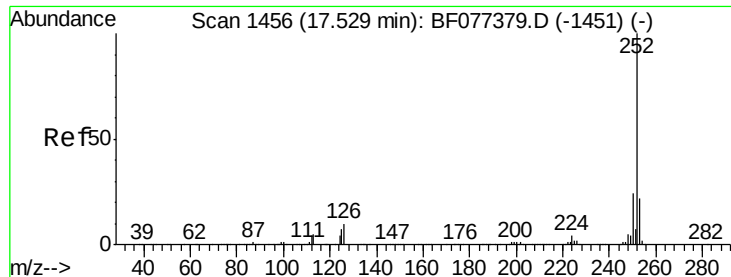
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.2	31.8
277	24.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	20.8	16.8	25.2

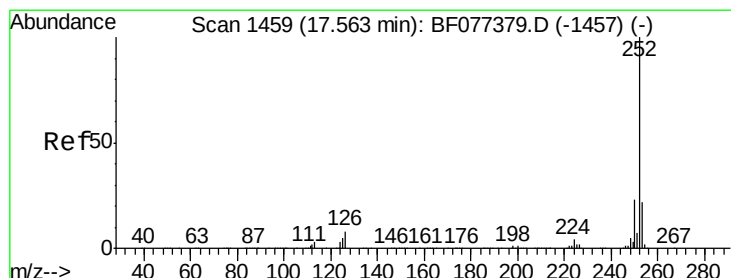
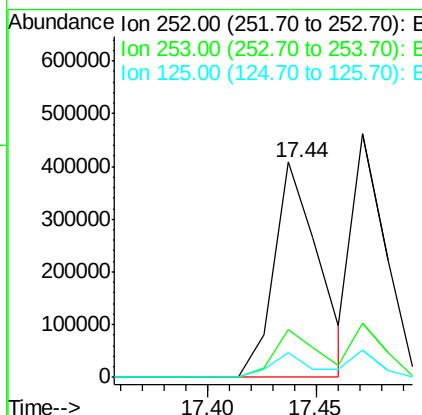
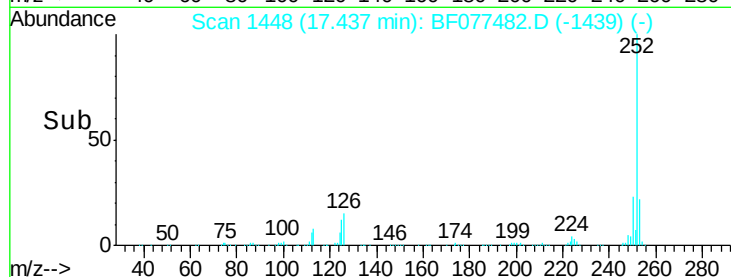
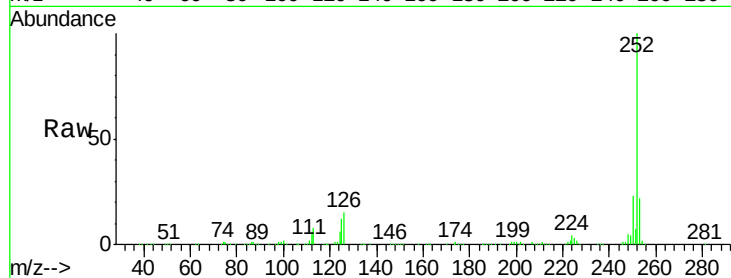




#87
Benzo(b)fluoranthene
Concen: 41.13 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

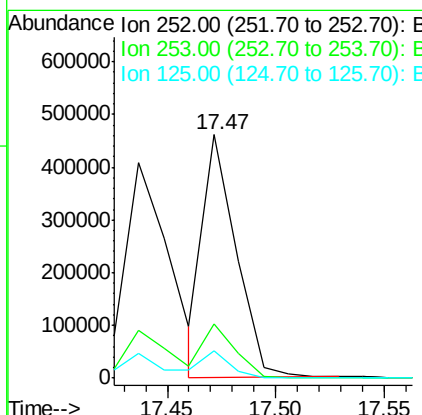
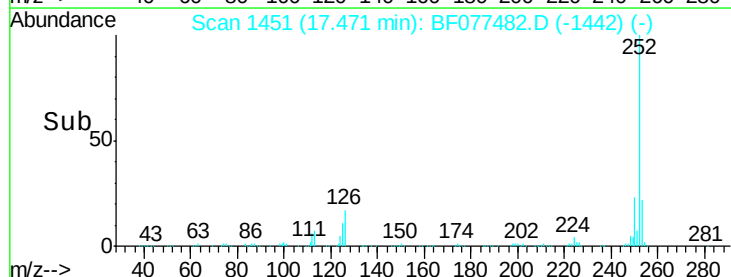
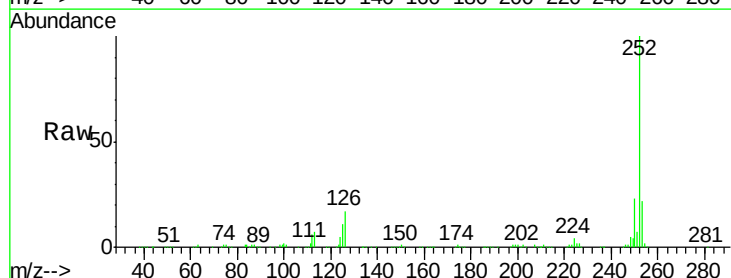
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

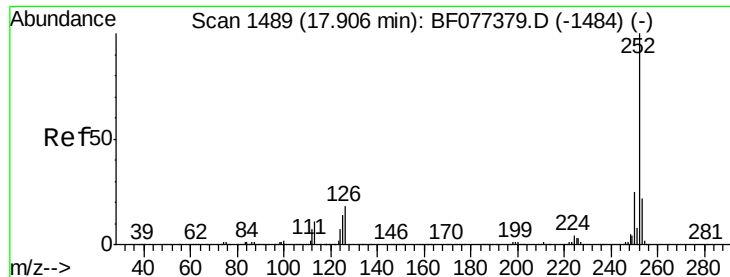
Tgt Ion:252 Resp: 586019
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.6 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 34.62 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077482.D
Acq: 27 Feb 2015 00:45

Tgt Ion:252 Resp: 483430
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.3 10.1 15.1





#89

Benzo(a)pyrene

Concen: 39.76 ng

RT: 17.82 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

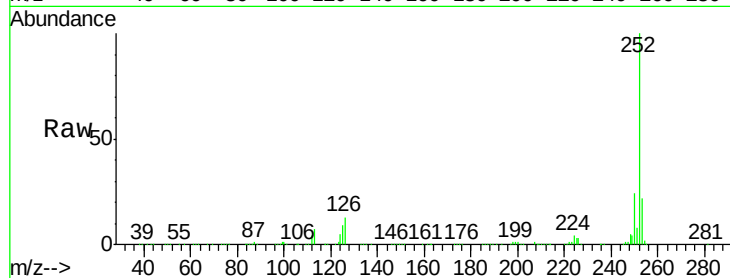
Tgt Ion:252 Resp: 539589

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

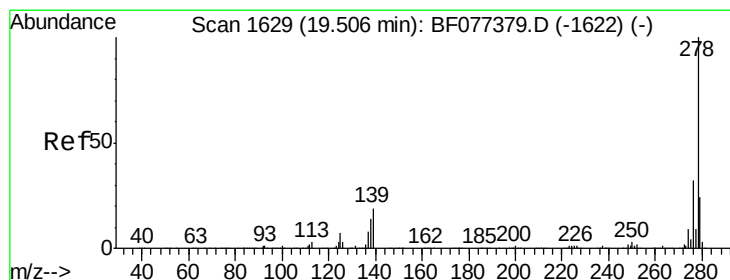
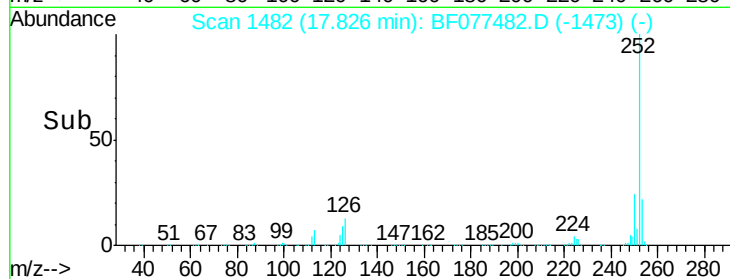
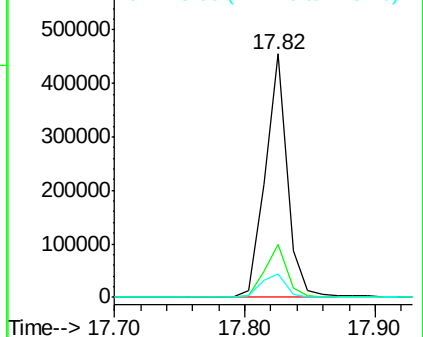
125 9.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.09 ng

RT: 19.38 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF077482.D

Acq: 27 Feb 2015 00:45

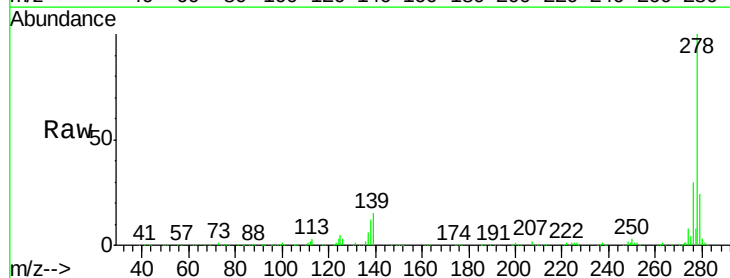
Tgt Ion:278 Resp: 518863

Ion Ratio Lower Upper

278 100

139 15.3 14.3 21.5

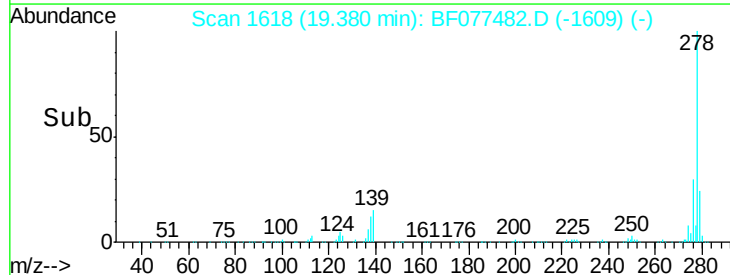
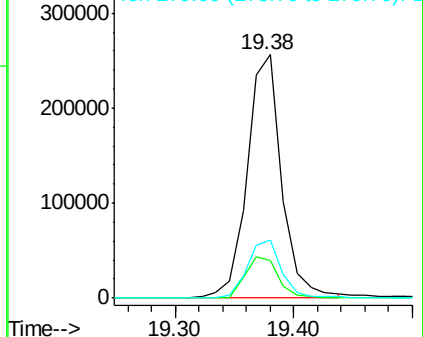
279 23.9 19.0 28.6

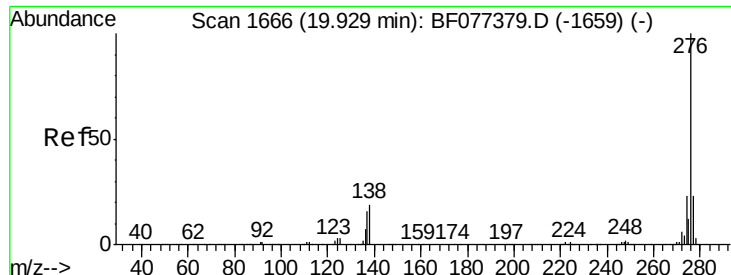


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 40.87 ng
 RT: 19.77 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF077482.D
 Acq: 27 Feb 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	20.1	20.5	30.7#

