

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077182.D
 Acq On : 4 Feb 2015 17:25
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 05 00:54:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 00:32:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42226	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	179321	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	96760	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	165290	20.00	ng	0.00
75) Chrysene-d12	21.07	240	168271	20.00	ng	0.00
86) Perylene-d12	22.71	264	154123	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	197706	76.98	ng	0.00
7) Phenol-d6	7.09	99	252908	78.06	ng	0.01
23) Nitrobenzene-d5	9.00	82	263164	81.30	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	60994	77.66	ng	0.01
44) 2-Fluorobiphenyl	13.25	172	514974	80.99	ng	0.01
78) Terphenyl-d14	19.81	244	562624	76.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.09	88	39302	35.74	ng	93
3) Pyridine	1.53	79	108335	38.07	ng	98
4) n-Nitrosodimethylamine	1.49	42	61809	43.85	ng	96
6) Aniline	6.97	93	177905	39.68	ng	98
8) 2-Chlorophenol	7.21	128	119288	40.29	ng	95
9) Benzaldehyde	6.68	77	72238	38.89	ng	95
10) Phenol	7.12	94	131139	38.12	ng	89
11) bis(2-Chloroethyl)ether	7.23	93	110447	41.03	ng	# 75
12) 1,3-Dichlorobenzene	7.53	146	136483	40.52	ng	93
13) 1,4-Dichlorobenzene	7.72	146	139705	39.11	ng	98
14) 1,2-Dichlorobenzene	8.03	146	134052	40.73	ng	98
15) Benzyl Alcohol	8.13	79	105065	40.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	147482	40.76	ng	92
17) 2-Methylphenol	8.49	107	94628	39.11	ng	99
18) Hexachloroethane	8.77	117	52247	42.05	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	89478	39.45	ng	97
20) 3+4-Methylphenols	8.86	107	117080	36.54	ng	96
22) Acetophenone	8.68	105	174597	39.75	ng	100
24) Nitrobenzene	9.04	77	130097	39.45	ng	97
25) Isophorone	9.64	82	237251	40.25	ng	95
26) 2-Nitrophenol	9.78	139	60754	36.42	ng	# 91
27) 2,4-Dimethylphenol	10.06	122	102925	40.37	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	136654	40.79	ng	98
29) 2,4-Dichlorophenol	10.37	162	88860	37.39	ng	99
30) 1,2,4-Trichlorobenzene	10.51	180	108317	41.04	ng	98
31) Naphthalene	10.64	128	363087	39.33	ng	100
32) Benzoic acid	10.49	122	23619	16.72	ng	95
33) 4-Chloroaniline	10.90	127	144930	38.85	ng	97
34) Hexachlorobutadiene	11.00	225	64509	41.19	ng	98
36) 4-Chloro-3-methylphenol	12.20	107	104087	38.25	ng	98
37) 2-Methylnaphthalene	12.29	142	251369	39.87	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	96355	40.28	ng	98
40) Hexachlorocyclopentadiene	12.68	237	46086	38.32	ng	97
42) 2,4,6-Trichlorophenol	13.05	196	66985	38.43	ng	97

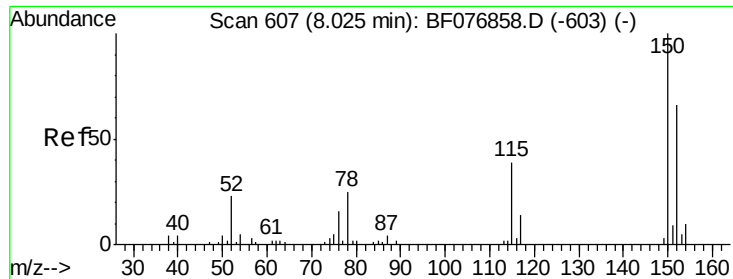
Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077182.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.14	196	62786	35.32	nq	96
45) 1,1'-Biphenyl	13.45	154	295869	41.25	nq	99
46) 2-Chloronaphthalene	13.43	162	237121	40.17	nq	99
47) 2-Nitroaniline	13.78	65	73427	41.00	nq	# 83
48) Acenaphthylene	14.36	152	410614	41.24	nq	100
49) Dimethylphthalate	14.33	163	275994	40.22	nq	98
50) 2,6-Dinitrotoluene	14.42	165	58427	42.62	nq	87
51) Acenaphthene	14.79	154	221690	39.24	nq	96
52) 3-Nitroaniline	14.77	138	66801	37.72	nq	93
53) 2,4-Dinitrophenol	15.06	184	14694	31.24	nq	96
54) Dibenzofuran	15.22	168	336239	40.86	nq	99
55) 4-Nitrophenol	15.38	139	26674	24.80	nq	96
56) 2,4-Dinitrotoluene	15.36	165	80856	39.72	nq	92
57) Fluorene	15.97	166	276451	39.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	46357	35.81	nq	95
59) Diethylphthalate	15.99	149	292668	42.20	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	117108	41.05	nq	97
61) 4-Nitroaniline	16.13	138	66178	38.58	nq	95
62) Azobenzene	16.36	77	298703	41.34	nq	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	35663	34.57	nq	95
65) n-Nitrosodiphenylamine	16.33	169	233202	39.57	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	67450	40.28	nq	93
67) Hexachlorobenzene	16.95	284	70069	39.71	nq	# 84
68) Atrazine	17.32	200	73449	41.07	nq	96
69) Pentachlorophenol	17.32	266	24930	35.05	nq	99
70) Phenanthrene	17.61	178	399863	38.79	nq	99
71) Anthracene	17.68	178	402961	40.09	nq	99
72) Carbazole	17.97	167	400823	41.11	nq	100
73) Di-n-butylphthalate	18.57	149	470922	41.73	nq	# 98
74) Fluoranthene	19.25	202	421645	39.92	nq	99
76) Benzidine	19.51	184	209569	38.92	nq	99
77) Pyrene	19.54	202	454687	39.43	nq	100
79) Butylbenzylphthalate	20.48	149	225553	43.19	nq	97
80) Benzo(a)anthracene	21.06	228	411711	39.00	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	137468	40.97	nq	# 97
82) Chrysene	21.11	228	370530	38.49	nq	97
83) Bis(2-ethylhexyl)phthalate	21.22	149	319188	44.17	nq	100
84) Di-n-octyl phthalate	21.97	149	570802	45.51	nq	99
87) Benzo(b)fluoranthene	22.31	252	399446	38.48	nq	# 97
88) Benzo(k)fluoranthene	22.31	252	399446	44.04	nq	100
89) Benzo(a)pyrene	22.65	252	355060	38.78	nq	# 96
90) Dibenzo(a,h)anthracene	23.81	278	345977	41.18	nq	98
91) Benzo(g,h,i)perylene	24.05	276	352080	42.15	nq	# 95

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

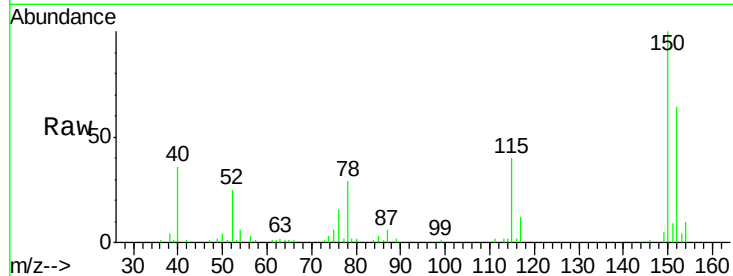


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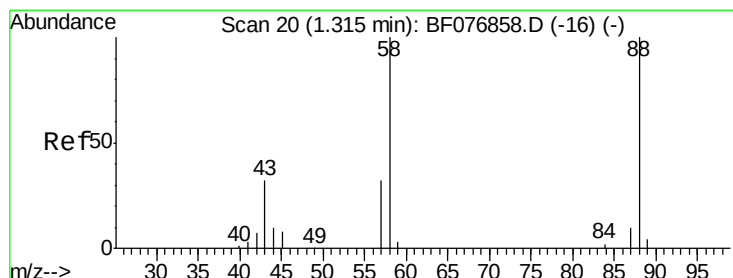
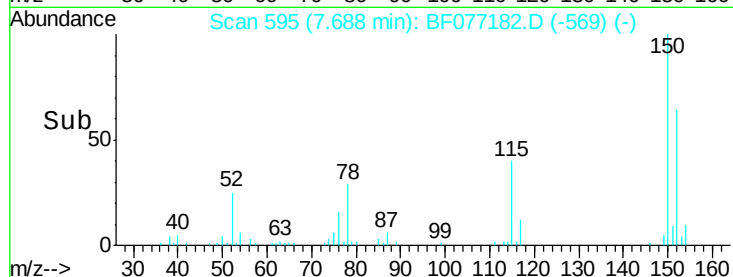
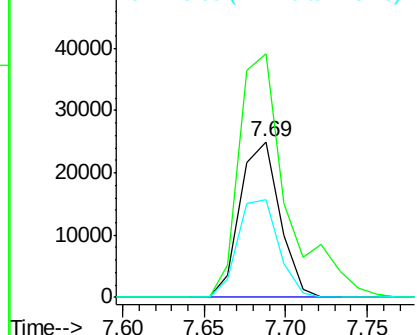
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:152 Resp: 42226
Ion Ratio Lower Upper
152 100
150 156.7 121.7 182.5
115 63.1 47.0 70.6



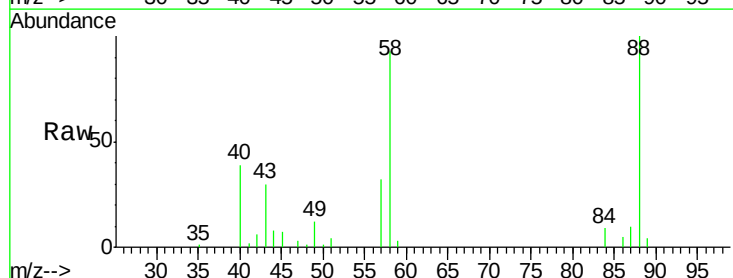
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



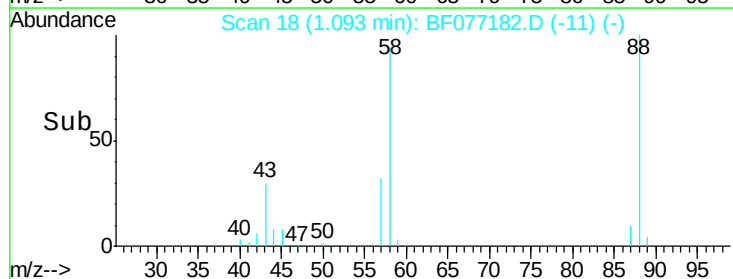
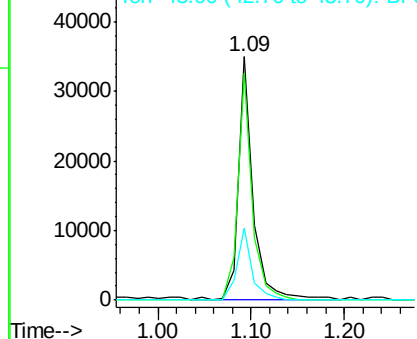
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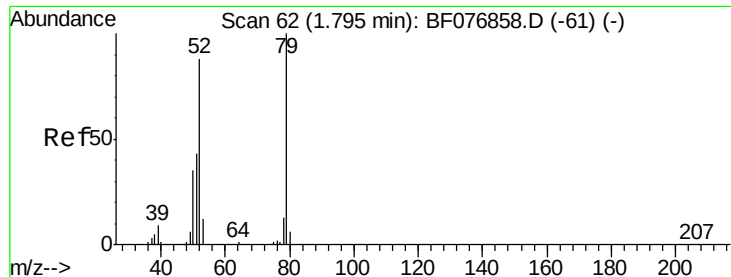
1,4-Dioxane
Concen: 35.74 ng
RT: 1.09 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 88 Resp: 39302
Ion Ratio Lower Upper
88 100
58 89.0 77.0 115.4
43 29.6 25.6 38.4



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





#3

Pvridine

Concen: 38.07 ng

RT: 1.53 min Scan# 56

Delta R.T. -0.03 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

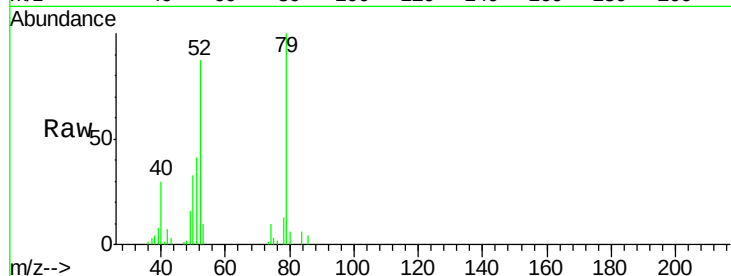
Tot Ion: 79 Resp: 108335

Ion Ratio Lower Upper

79 100

52 86.5 70.1 105.1

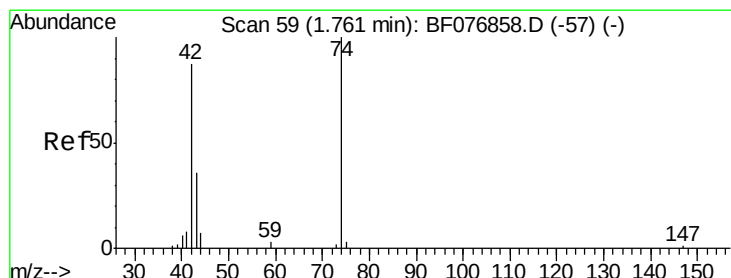
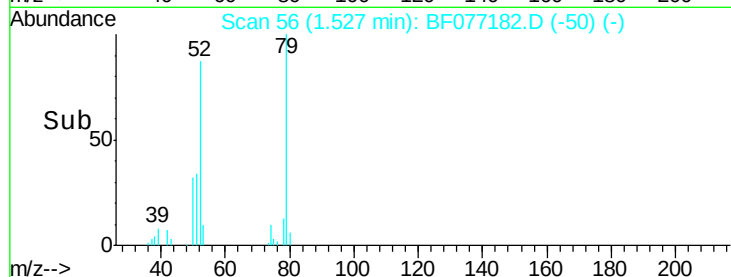
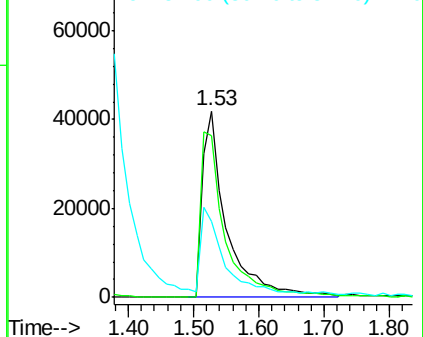
51 40.9 35.1 52.7



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: 43.85 ng

RT: 1.49 min Scan# 53

Delta R.T. -0.03 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

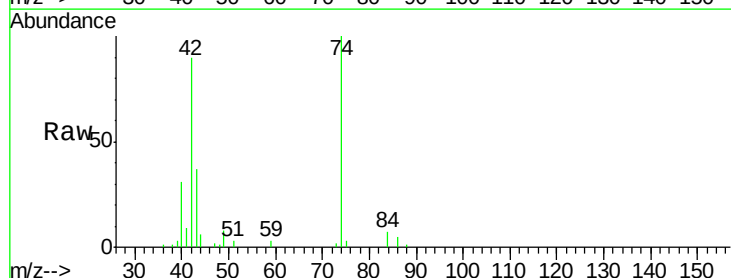
Tgt Ion: 42 Resp: 61809

Ion Ratio Lower Upper

42 100

74 111.6 92.4 138.6

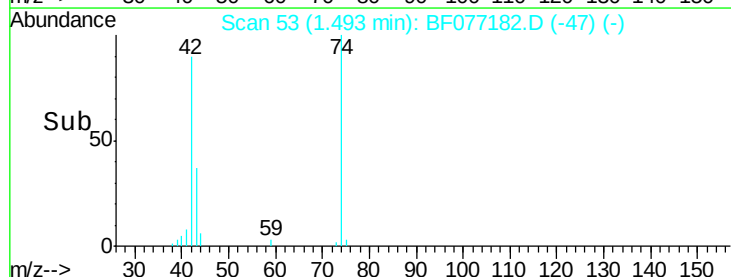
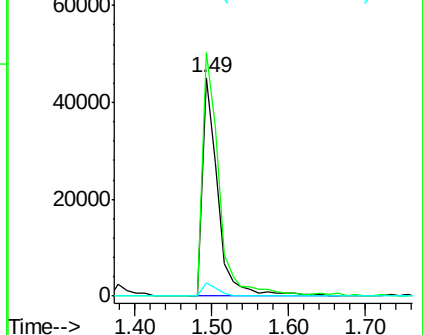
44 6.2 6.2 9.2

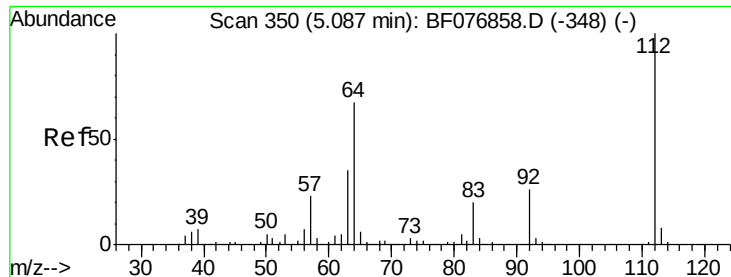


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.98 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

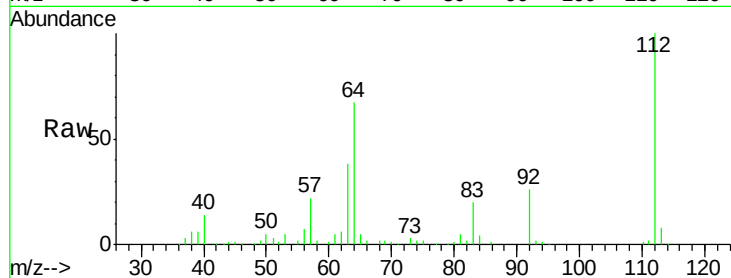
Tot Ion: 112 Resp: 197706

Ion Ratio Lower Upper

112 100

64 66.9 54.2 81.4

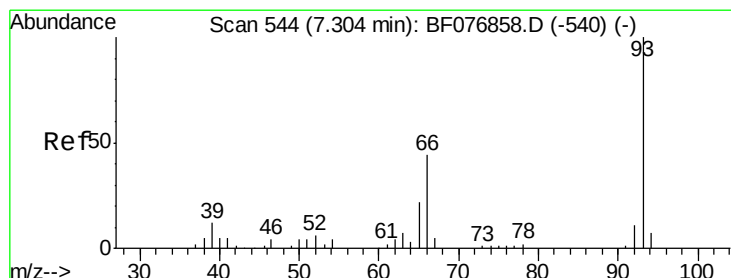
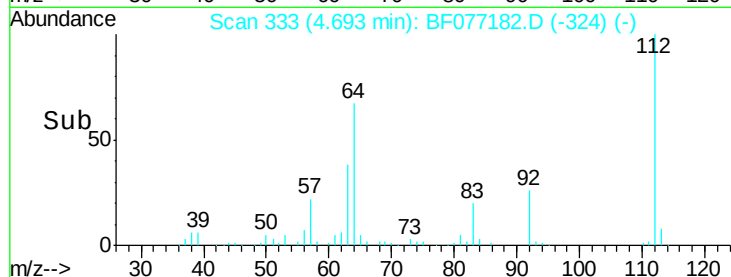
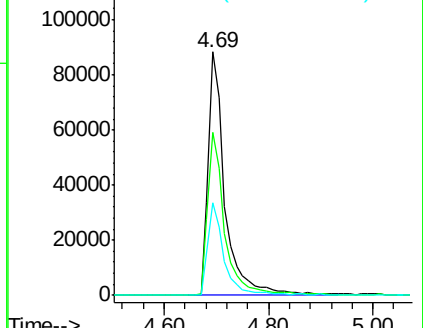
63 37.9 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.68 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

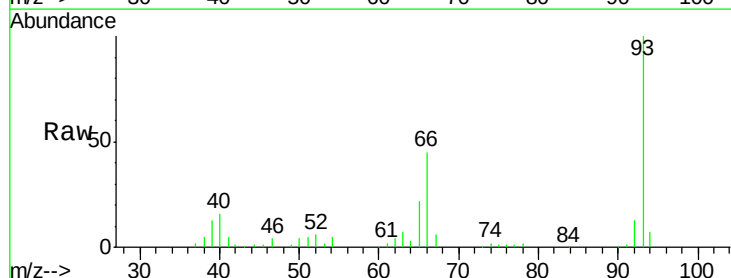
Tgt Ion: 93 Resp: 177905

Ion Ratio Lower Upper

93 100

66 45.4 35.0 52.4

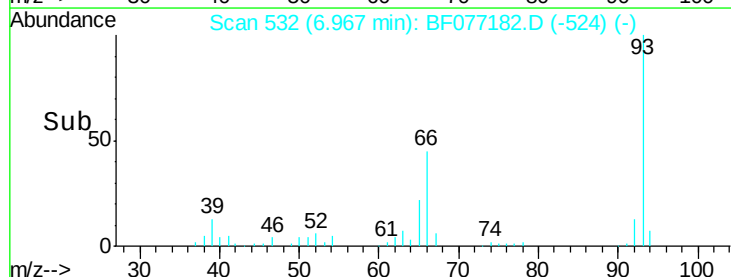
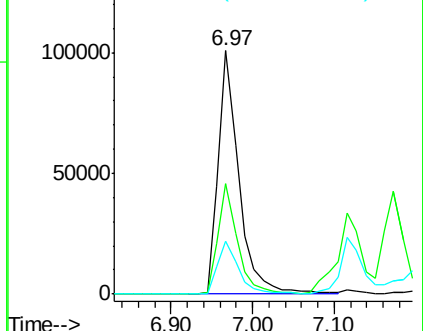
65 21.6 17.7 26.5

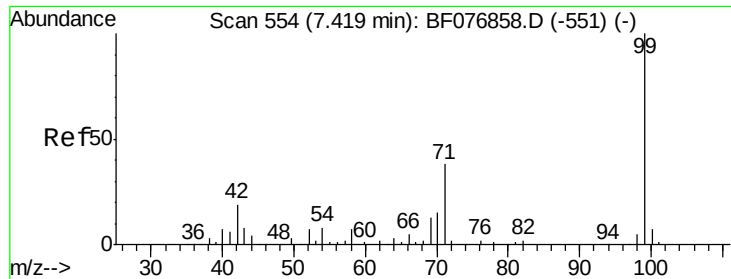


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.06 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

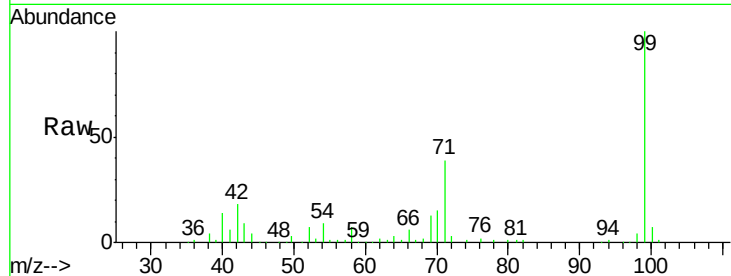
Tot Ion: 99 Resp: 252908

Ion Ratio Lower Upper

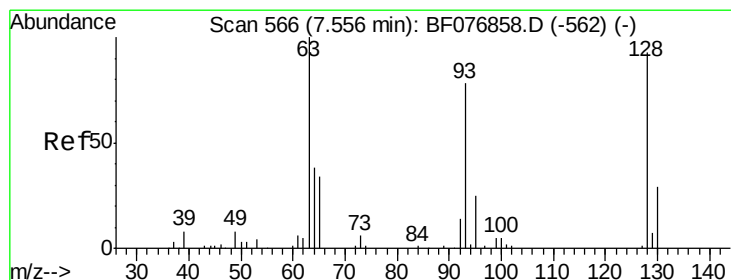
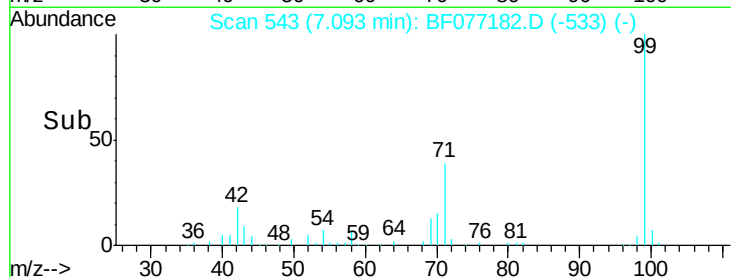
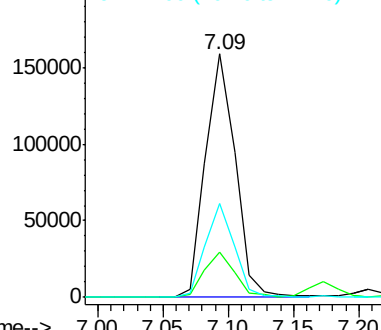
99 100

42 18.4 15.0 22.4

71 38.8 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.29 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

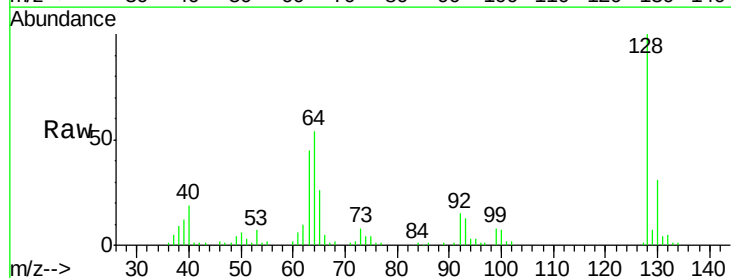
Tgt Ion: 128 Resp: 119288

Ion Ratio Lower Upper

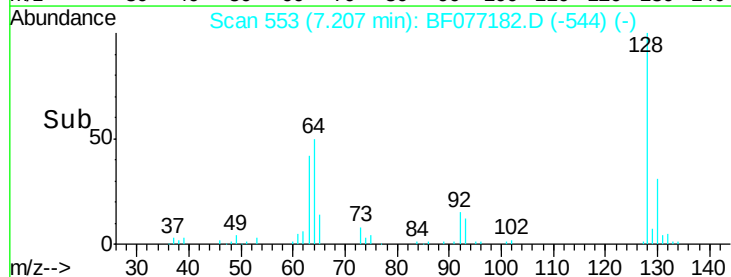
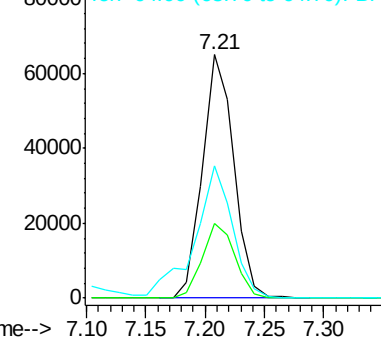
128 100

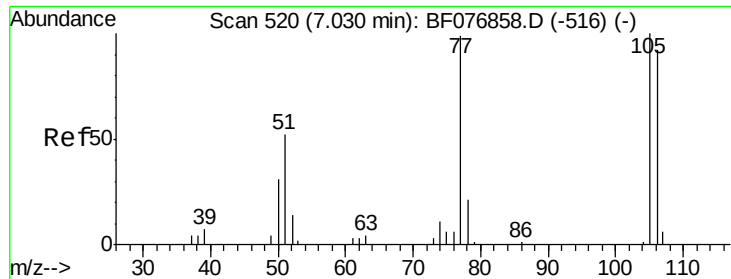
130 30.8 11.0 51.0

64 54.4 29.3 69.3



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

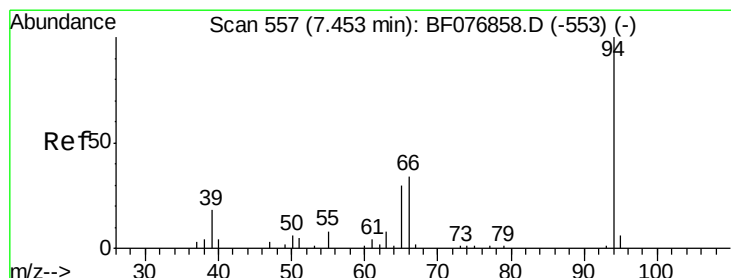
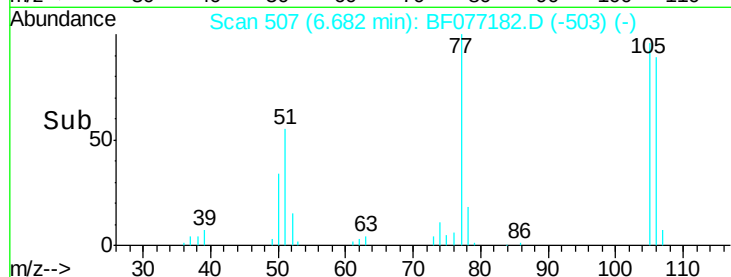
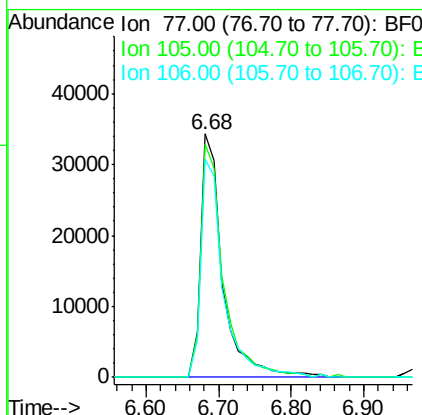
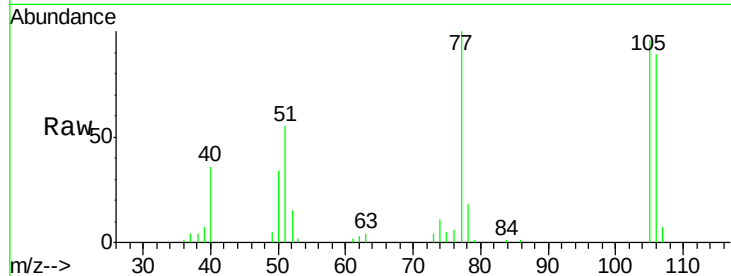




#9
Benzaldehyde
Concen: 38.89 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

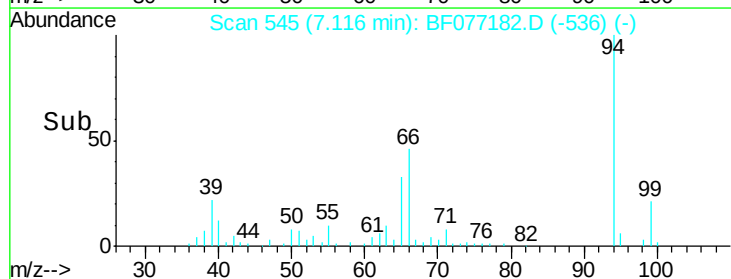
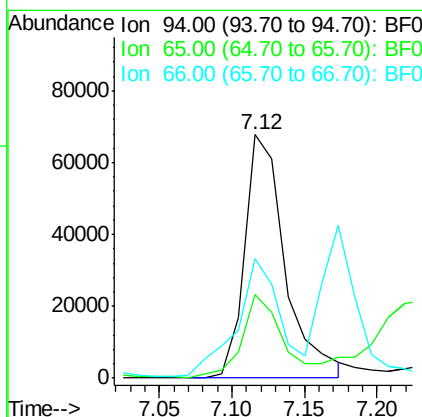
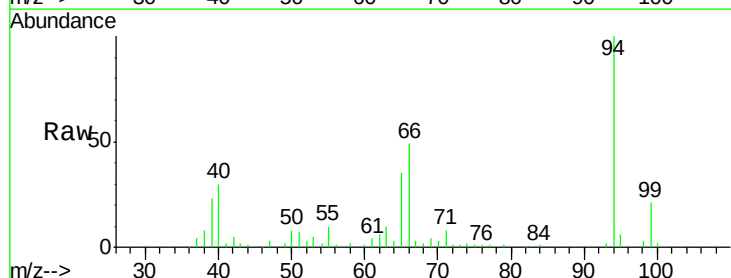
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

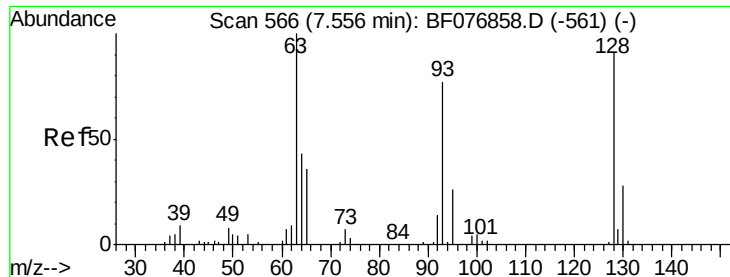
Tot Ion: 77 Resp: 72238
Ion Ratio Lower Upper
77 100
105 95.7 81.4 121.4
106 89.4 72.8 112.8



#10
Phenol
Concen: 38.12 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 94 Resp: 131139
Ion Ratio Lower Upper
94 100
65 34.5 11.3 51.3
66 49.2 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 41.03 ng

RT: 7.23 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

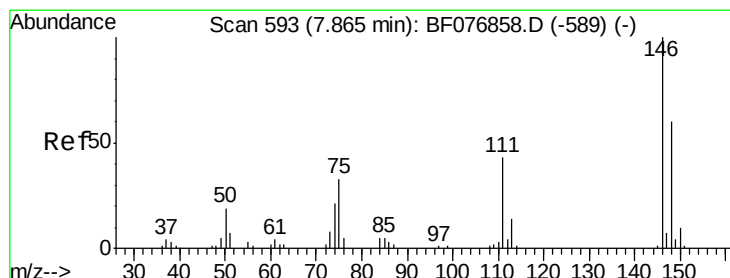
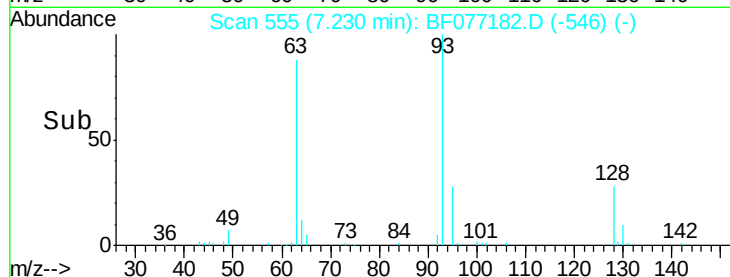
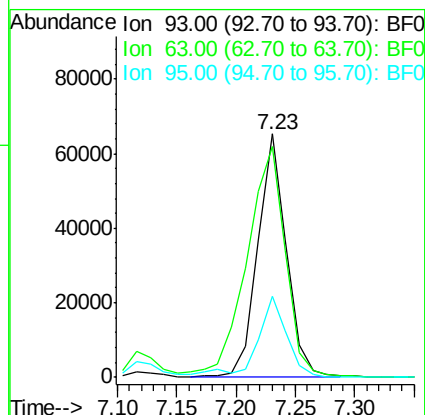
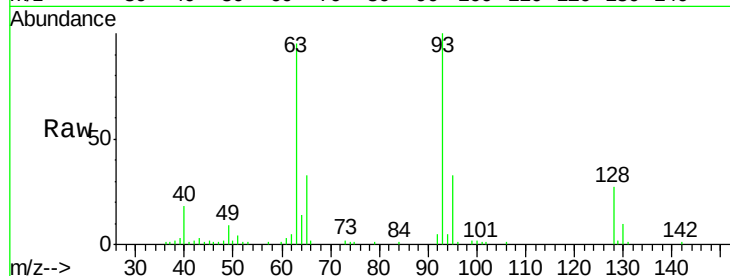
Tot Ion: 93 Resp: 110447

Ion Ratio Lower Upper

93 100

63 94.6 111.3 151.3#

95 33.3 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 40.52 ng

RT: 7.53 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

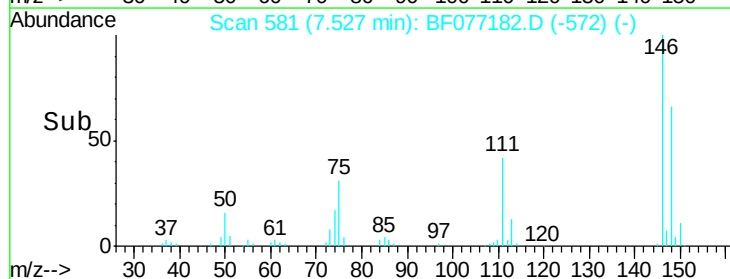
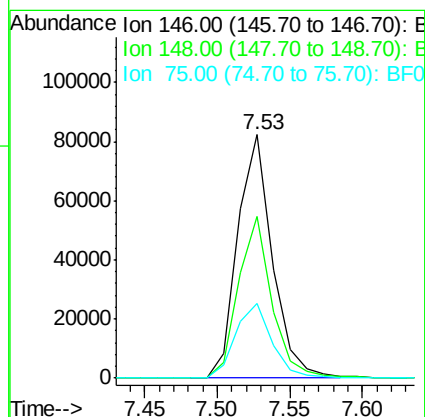
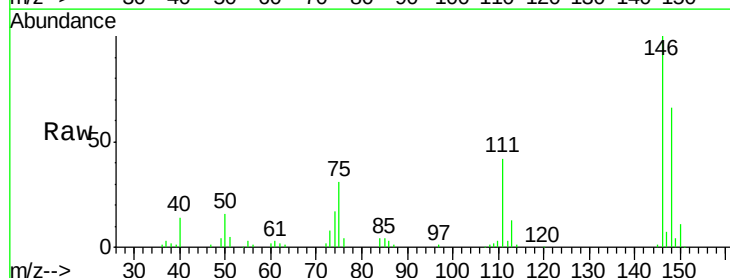
Tgt Ion: 146 Resp: 136483

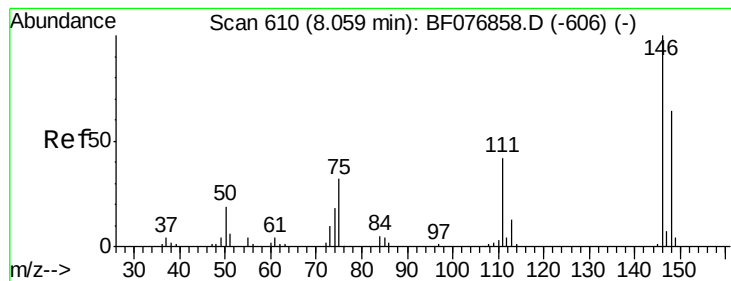
Ion Ratio Lower Upper

146 100

148 66.3 48.1 72.1

75 30.6 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 39.11 ng

RT: 7.72 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

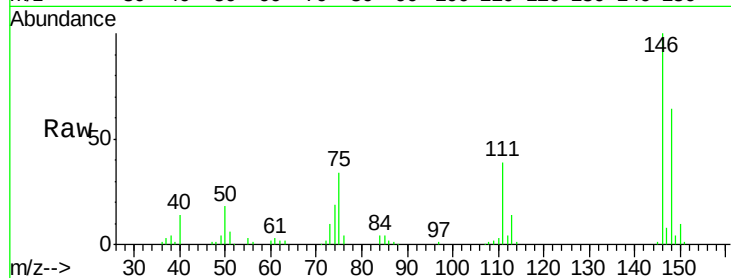
Tot Ion:146 Resp: 139705

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

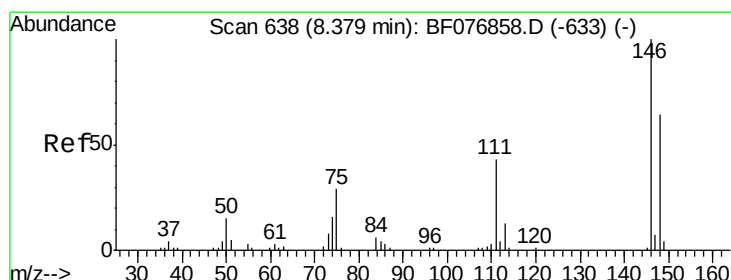
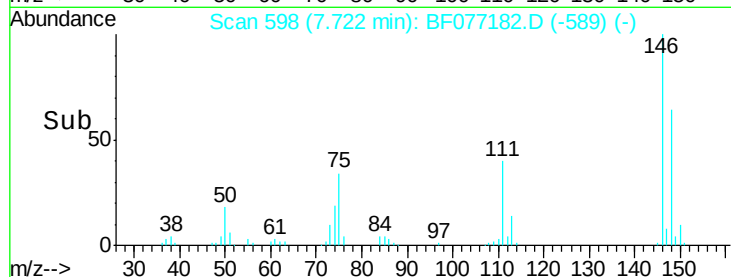
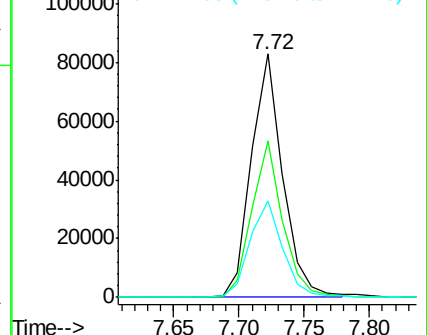
111 39.4 33.9 50.9



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: 40.73 ng

RT: 8.03 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

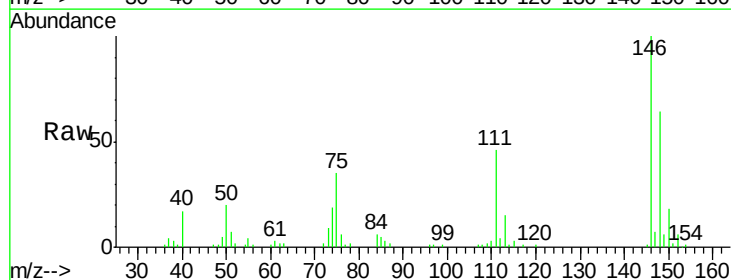
Tgt Ion:146 Resp: 134052

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

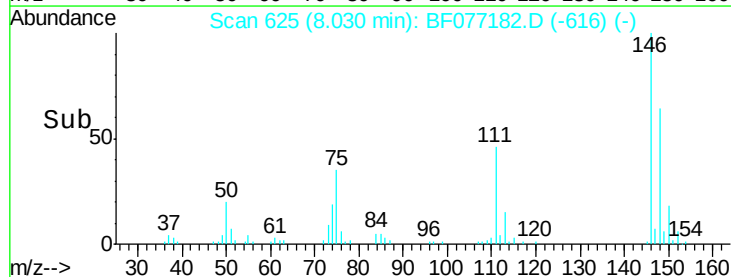
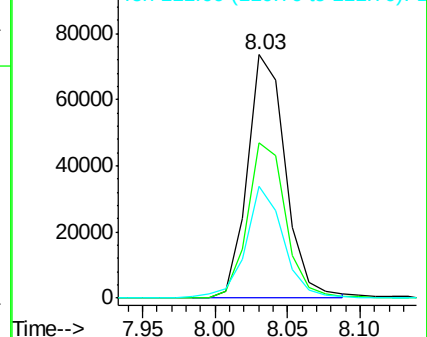
111 46.1 34.5 51.7

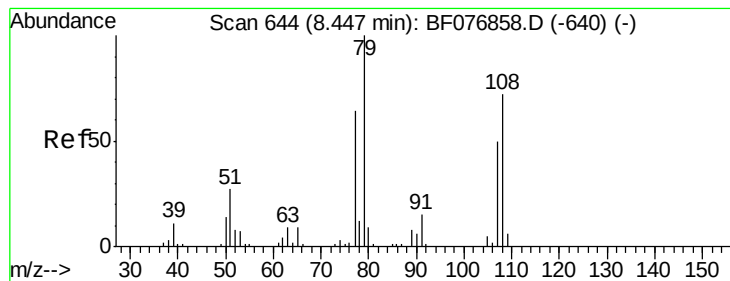


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.08 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

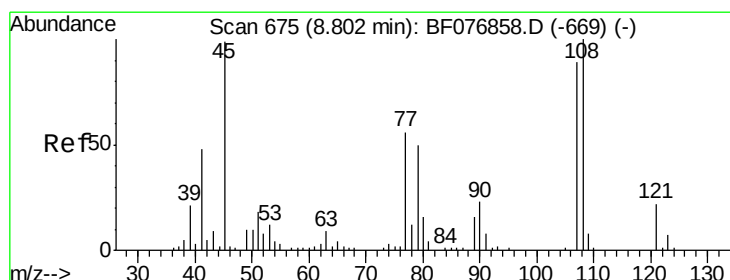
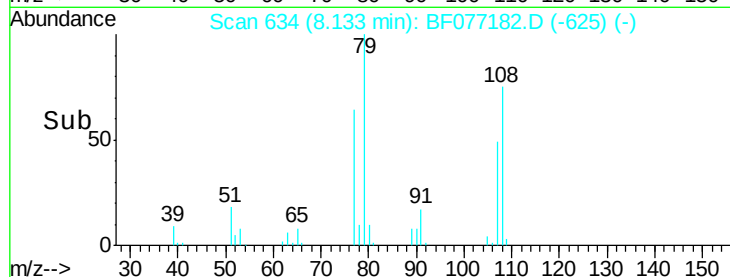
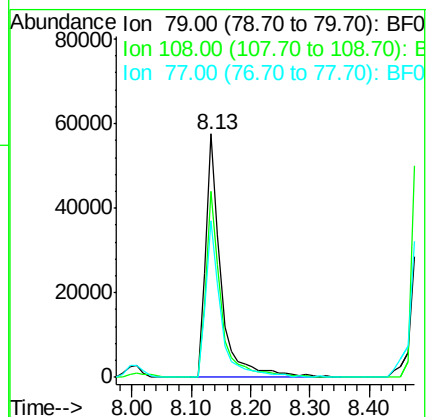
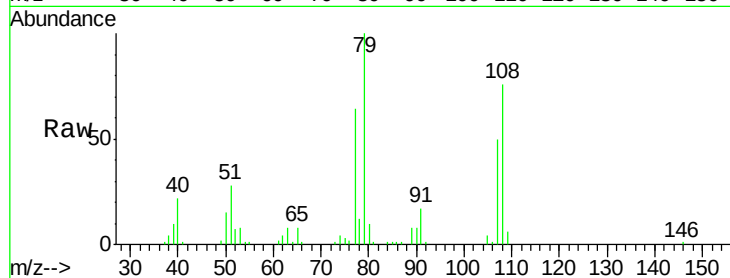
Tot Ion: 79 Resp: 105065

Ion Ratio Lower Upper

79 100

108 76.2 57.2 85.8

77 64.5 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.76 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

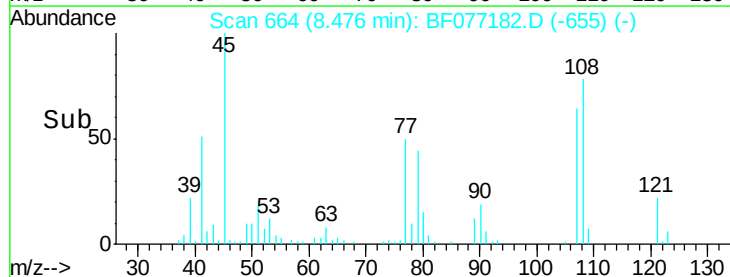
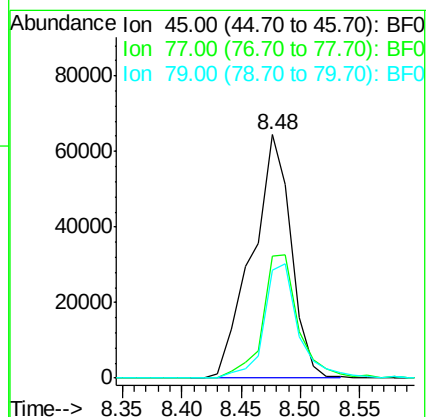
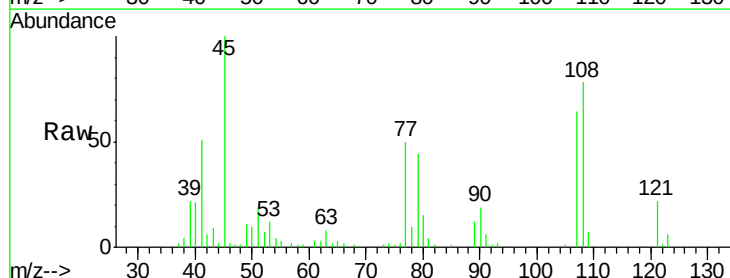
Tgt Ion: 45 Resp: 147482

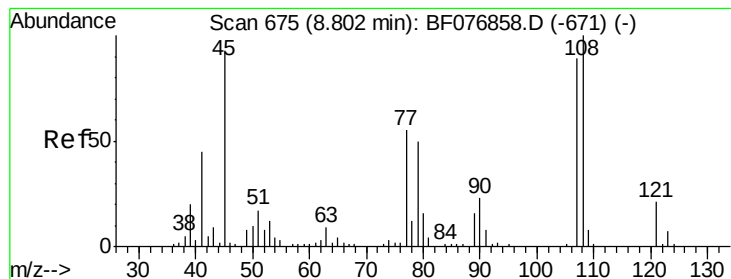
Ion Ratio Lower Upper

45 100

77 50.1 36.1 76.1

79 44.5 30.5 70.5





#17

2-Methylphenol

Concen: 39.11 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

Tot Ion:107 Resp: 94628

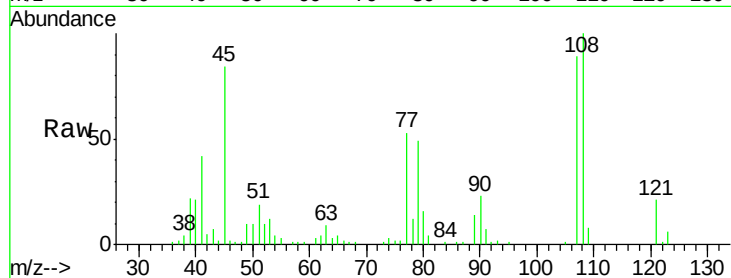
Ion Ratio Lower Upper

107 100

108 112.2 89.7 134.5

77 59.9 50.1 75.1

79 55.5 45.0 67.6

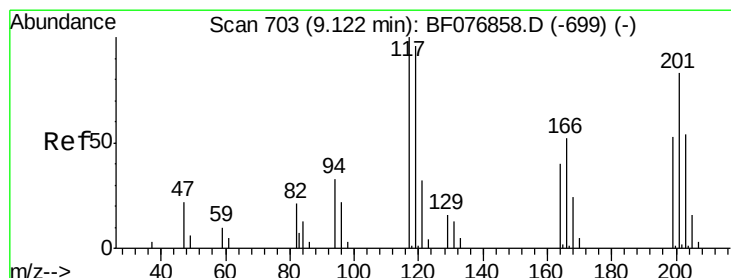
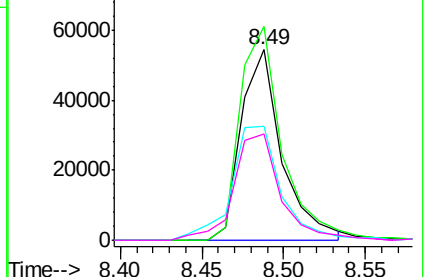
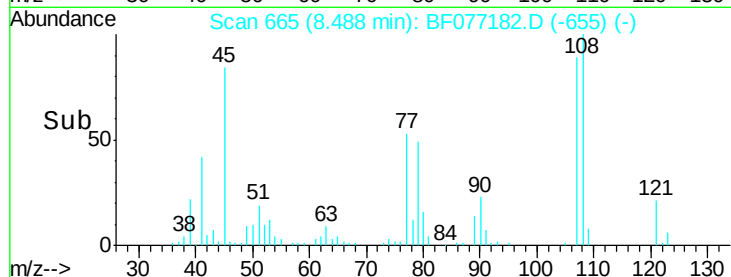


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.05 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

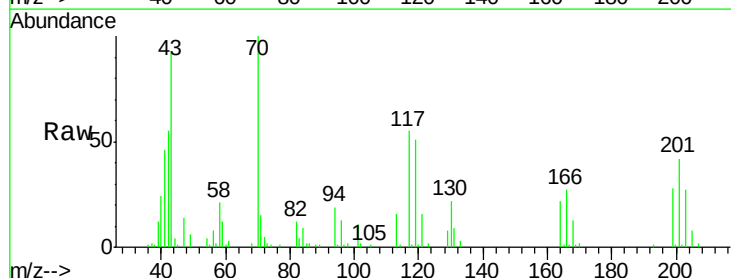
Tgt Ion:117 Resp: 52247

Ion Ratio Lower Upper

117 100

119 93.6 77.1 115.7

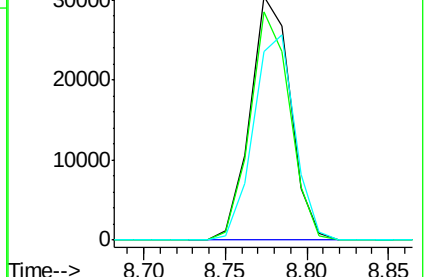
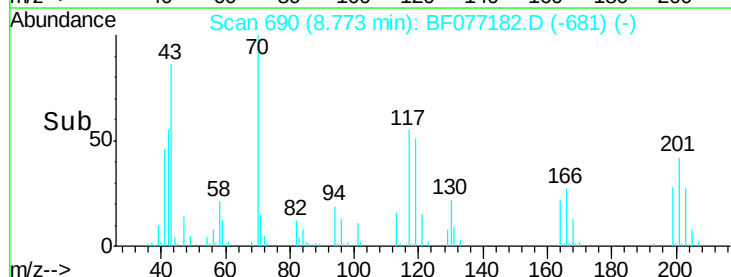
201 77.5 66.8 100.2

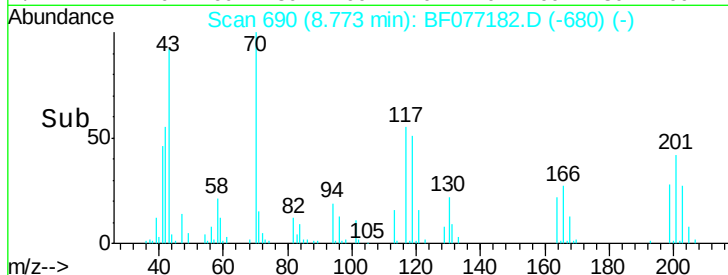
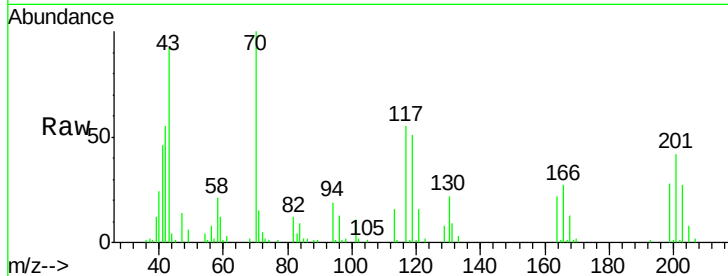
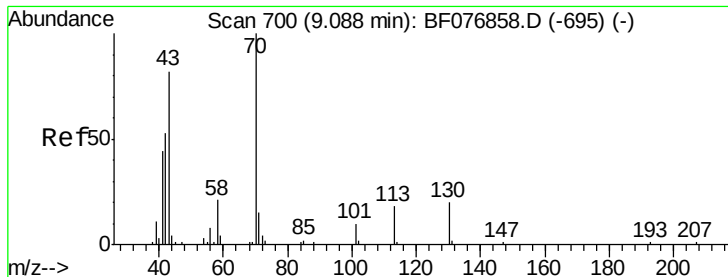


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

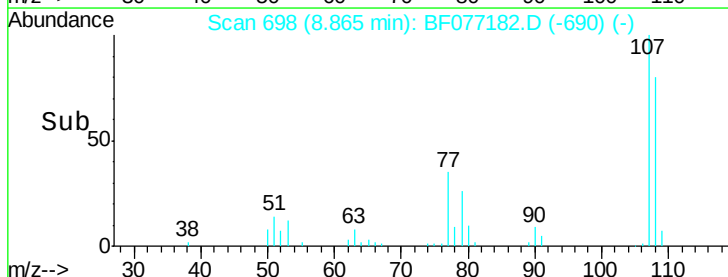
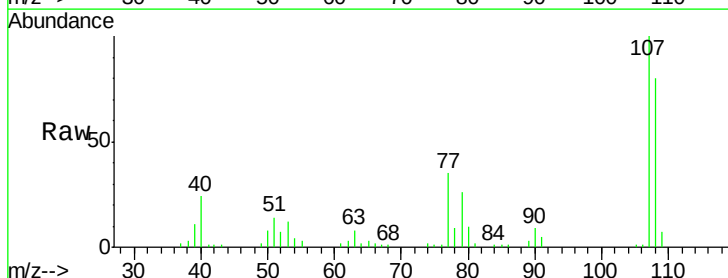
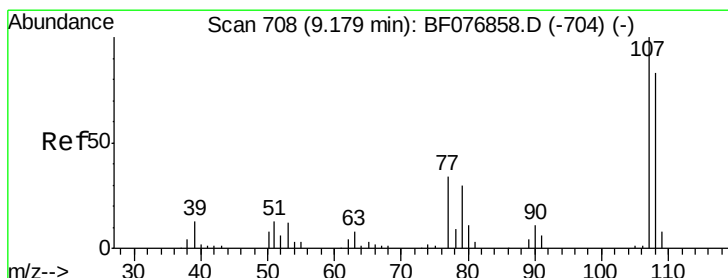
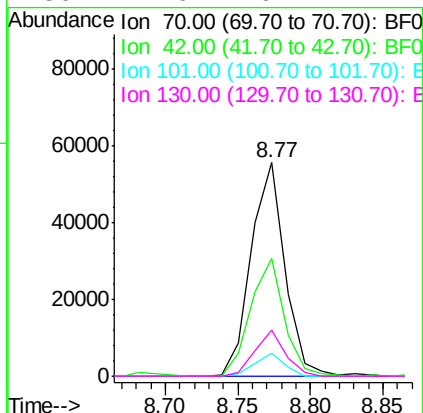




#19
n-Nitroso-di-n-propylamine
Concen: 39.45 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

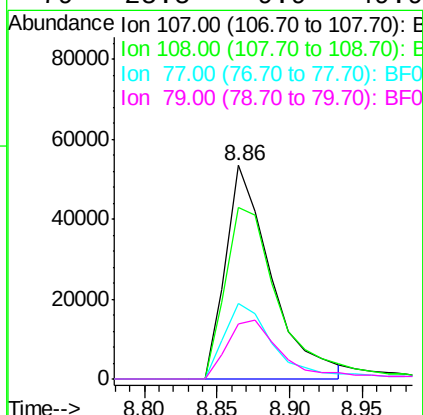
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

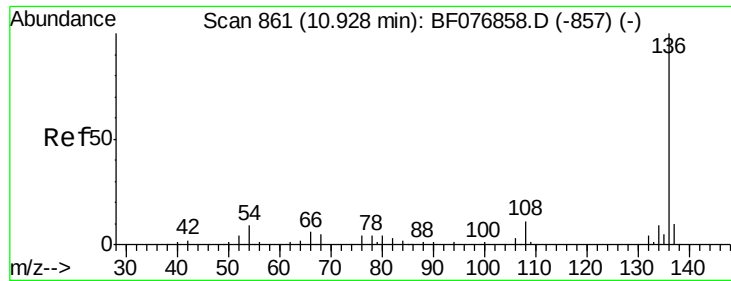
Tot Ion:	70	Resp:	89478
Ion	Ratio	Lower	Upper
70	100		
42	54.9	42.1	63.1
101	10.5	7.8	11.8
130	21.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 36.54 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:	107	Resp:	117080
Ion	Ratio	Lower	Upper
107	100		
108	80.0	63.5	103.5
77	35.2	14.0	54.0
79	25.5	9.9	49.9

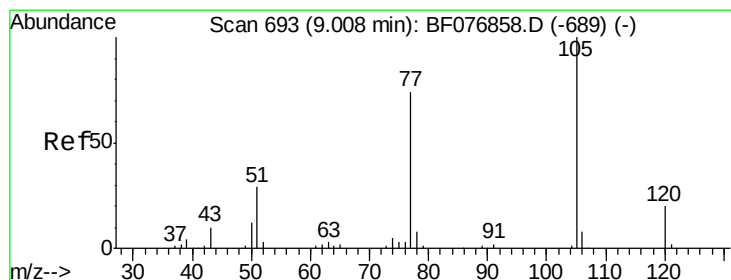
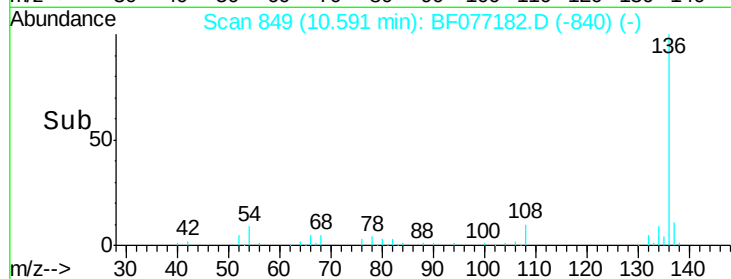
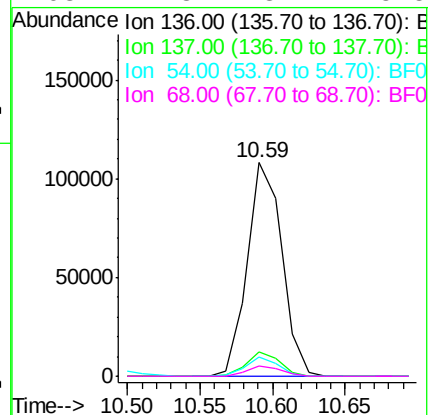
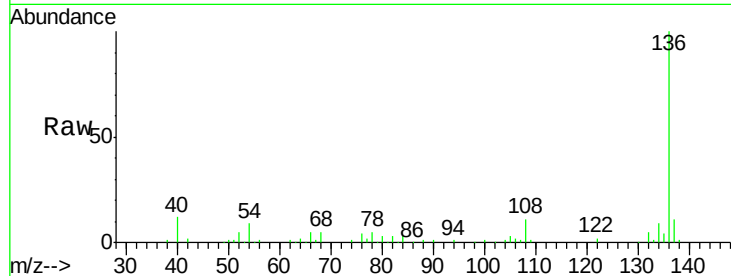




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

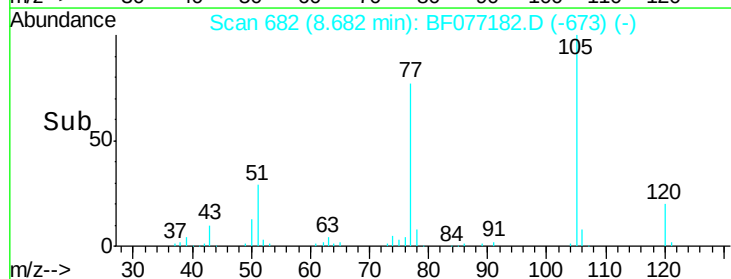
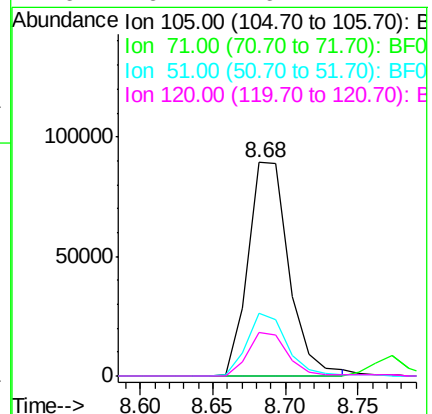
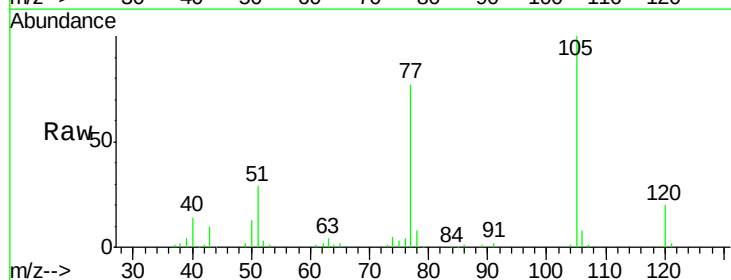
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

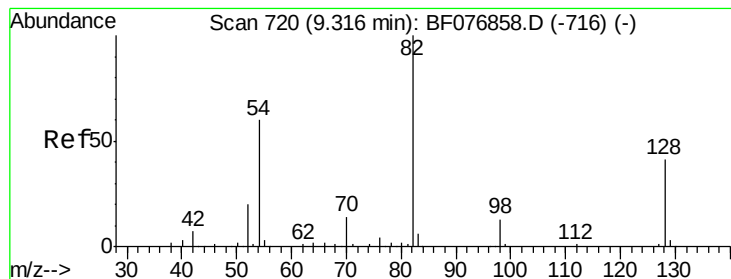
Tot Ion:136	Resp:	179321
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.1	12.1
54 9.1	7.0	10.4
68 4.8	3.7	5.5



#22
Acetophenone
Concen: 39.75 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:105	Resp:	174597
Ion Ratio	Lower	Upper
105 100		
71 0.0	0.0	0.0
51 29.2	23.3	34.9
120 20.2	16.1	24.1





#23

Nitrobenzene-d5

Concen: 81.30 ng

RT: 9.00 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

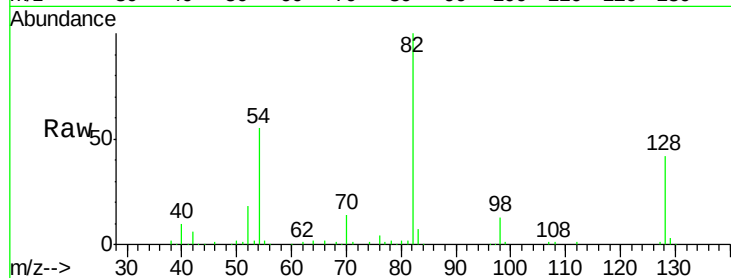
Tot Ion: 82 Resp: 263164

Ion Ratio Lower Upper

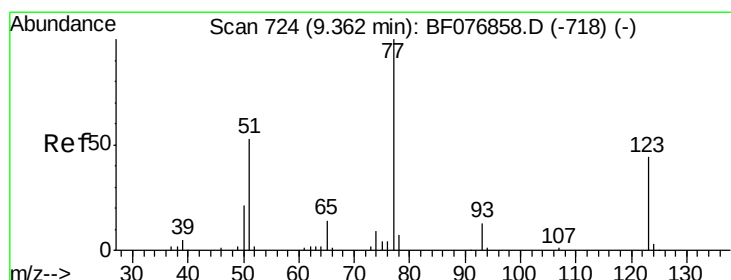
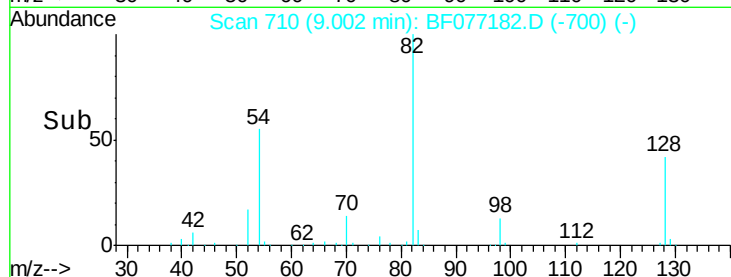
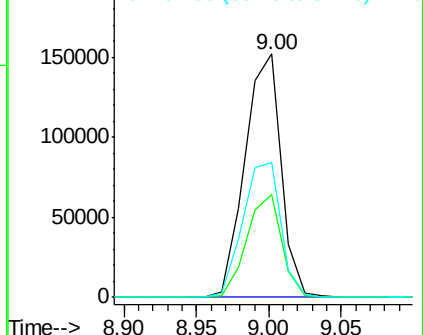
82 100

128 42.0 33.1 49.7

54 55.2 48.3 72.5



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



#24

Nitrobenzene

Concen: 39.45 ng

RT: 9.04 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

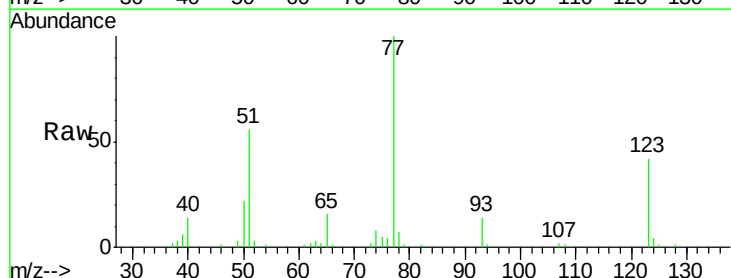
Tgt Ion: 77 Resp: 130097

Ion Ratio Lower Upper

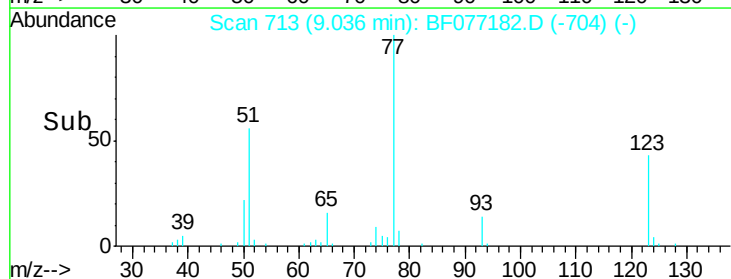
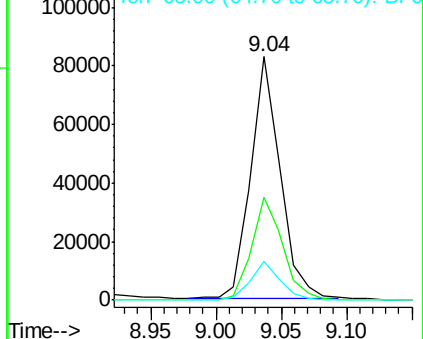
77 100

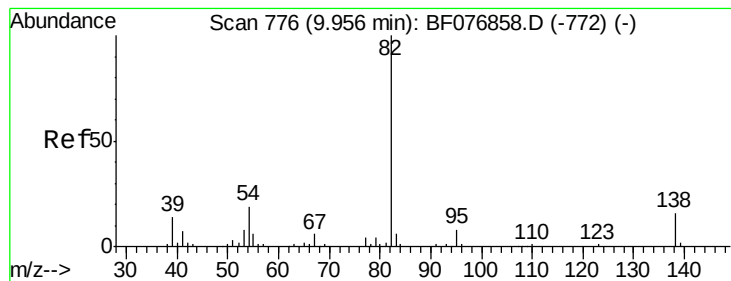
123 42.2 35.2 52.8

65 15.7 11.4 17.2



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





#25

Isophorone

Concen: 40.25 ng

RT: 9.64 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

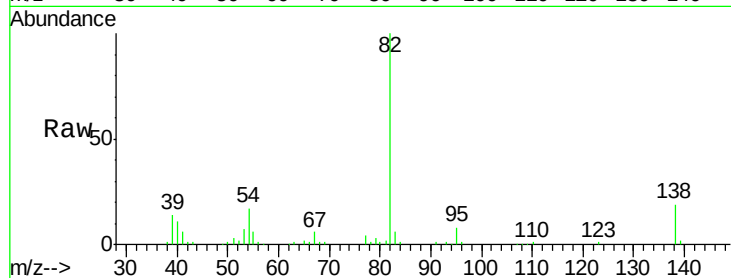
Tot Ion: 82 Resp: 237251

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

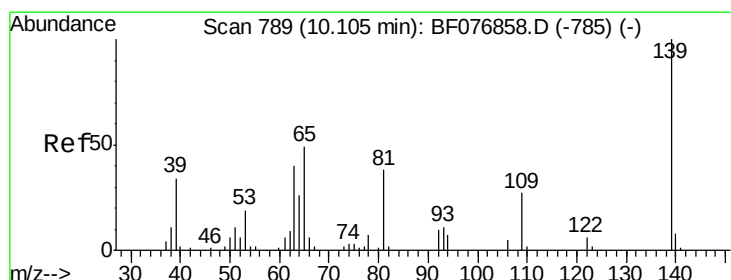
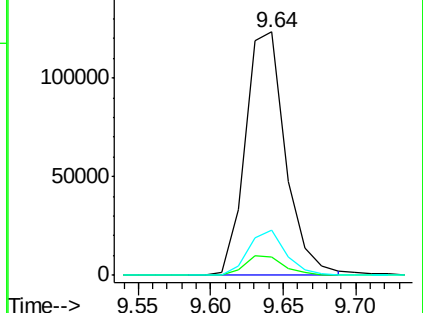
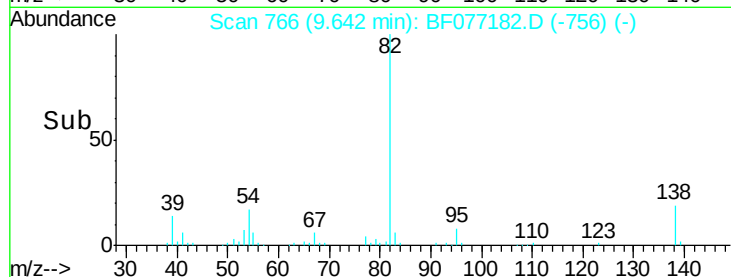
138 18.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.42 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

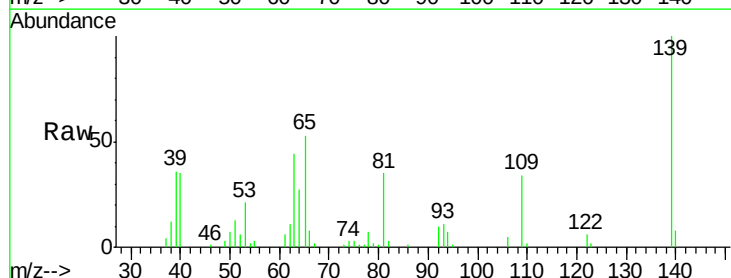
Tgt Ion: 139 Resp: 60754

Ion Ratio Lower Upper

139 100

109 34.0 21.3 31.9#

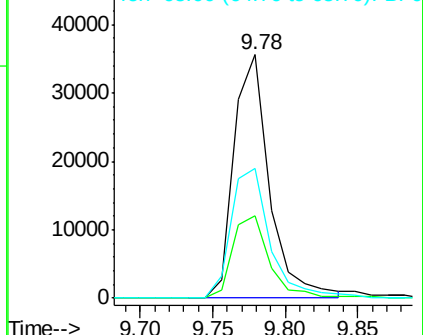
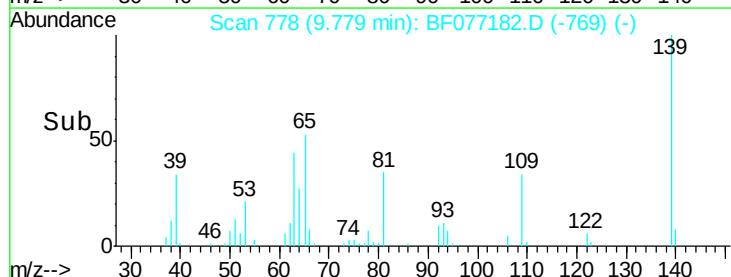
65 53.2 39.4 59.0

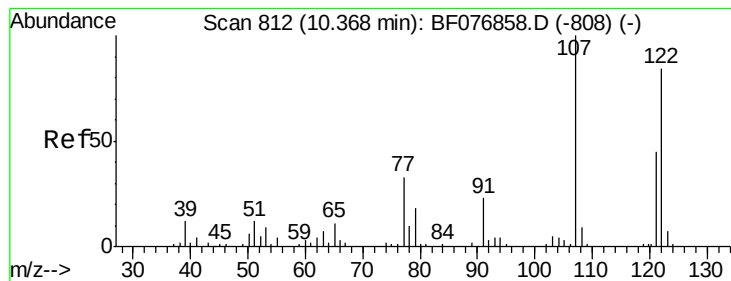


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.37 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

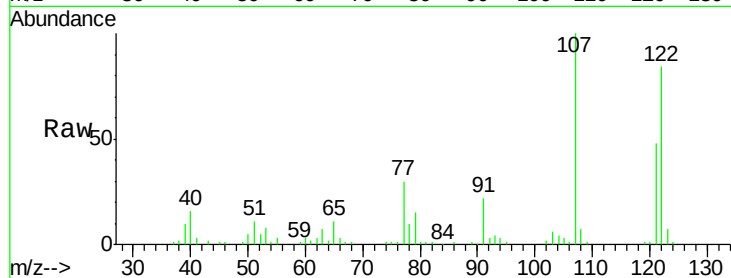
Tot Ion:122 Resp: 102925

Ion Ratio Lower Upper

122 100

107 119.5 95.2 142.8

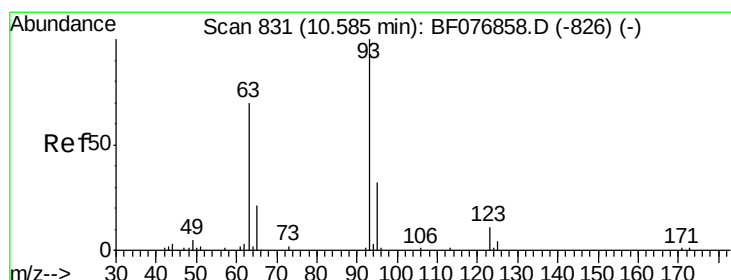
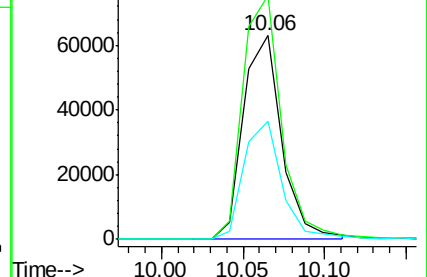
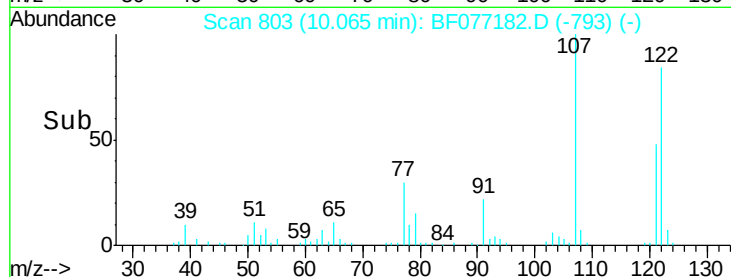
121 57.7 42.9 64.3



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: 40.79 ng

RT: 10.27 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

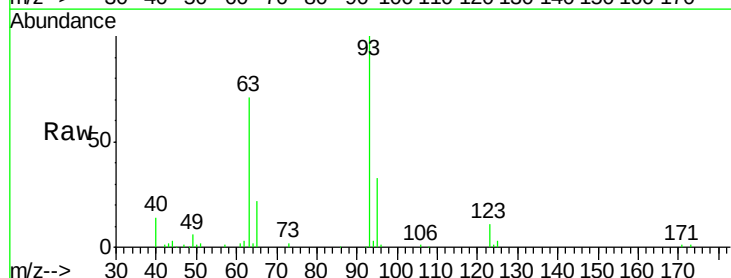
Tgt Ion: 93 Resp: 136654

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

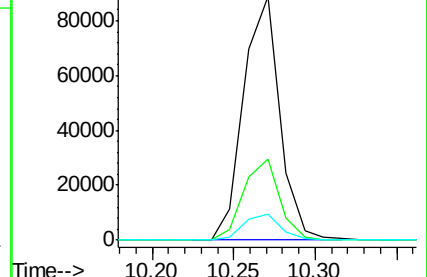
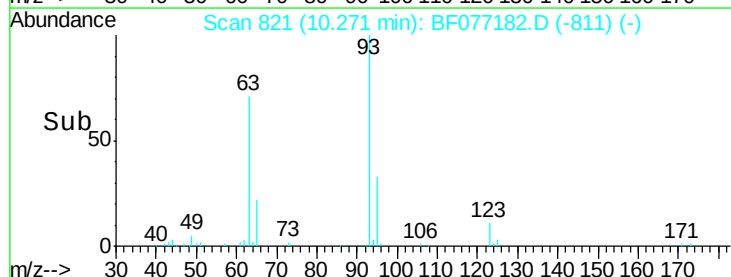
123 10.8 8.9 13.3

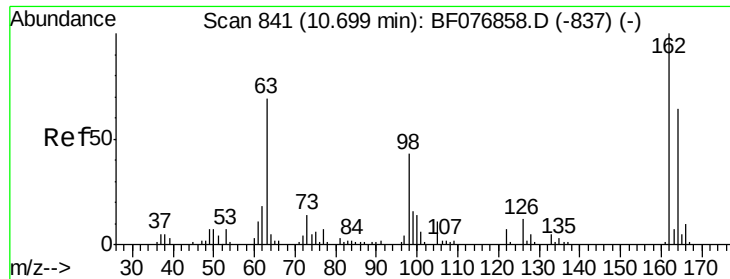


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

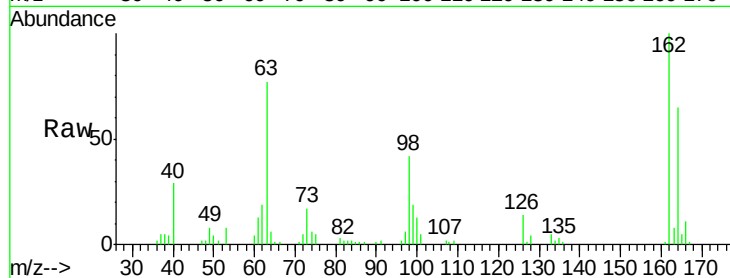




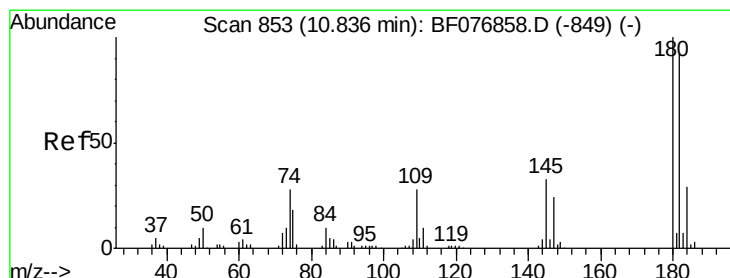
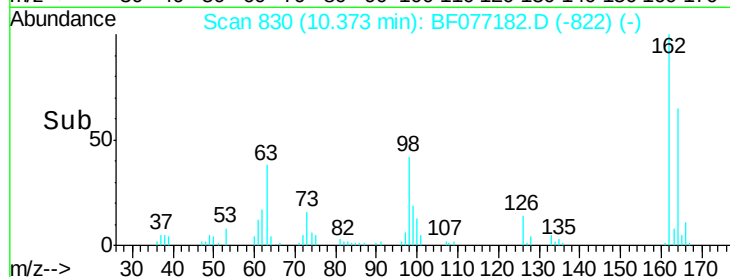
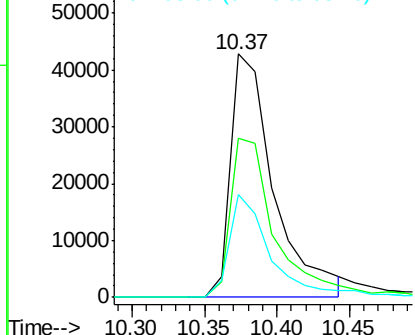
#29
2,4-Dichlorophenol
Concen: 37.39 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:162 Resp: 88860
Ion Ratio Lower Upper
162 100
164 65.4 43.8 83.8
98 42.2 22.5 62.5

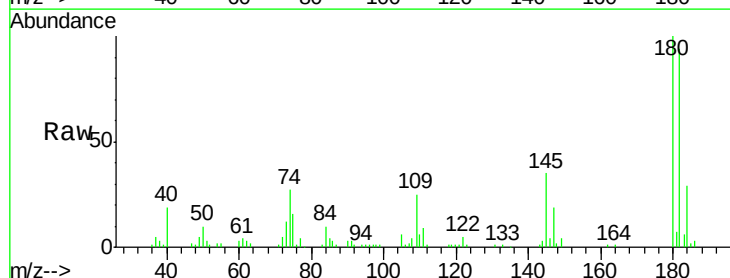


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

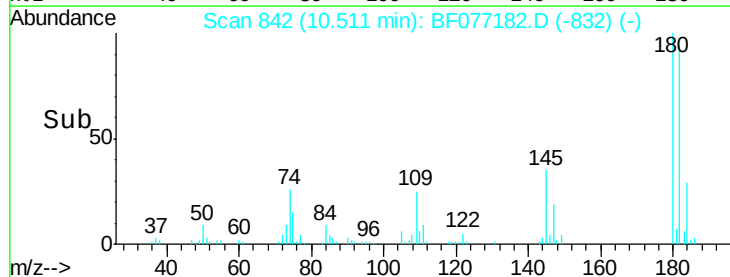
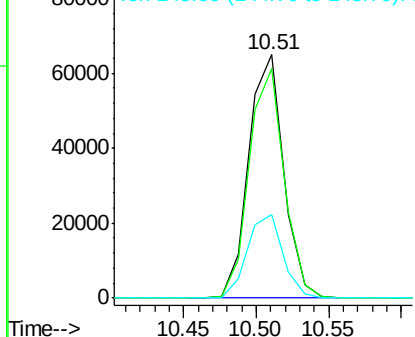


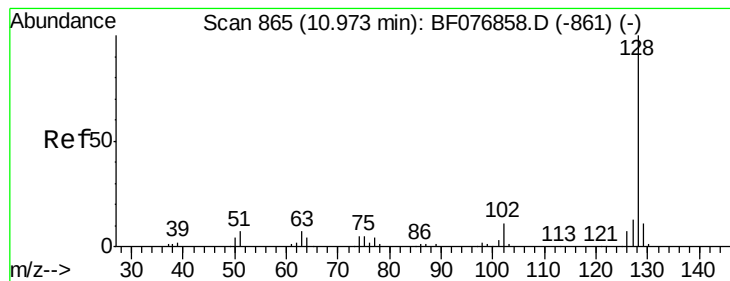
#30
1,2,4-Trichlorobenzene
Concen: 41.04 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:180 Resp: 108317
Ion Ratio Lower Upper
180 100
182 94.1 73.6 110.4
145 34.5 26.6 39.8



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





#31

Naphthalene

Concen: 39.33 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

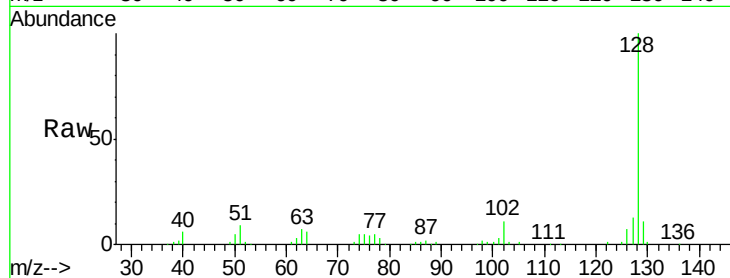
Tot Ion:128 Resp: 363087

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

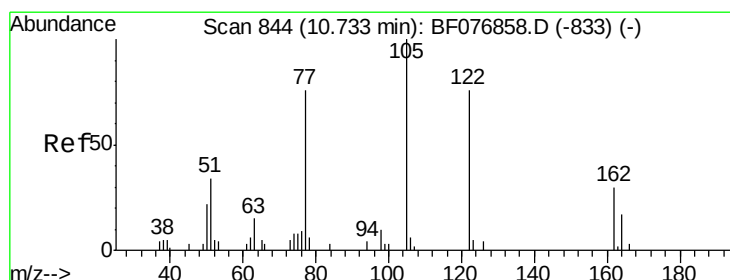
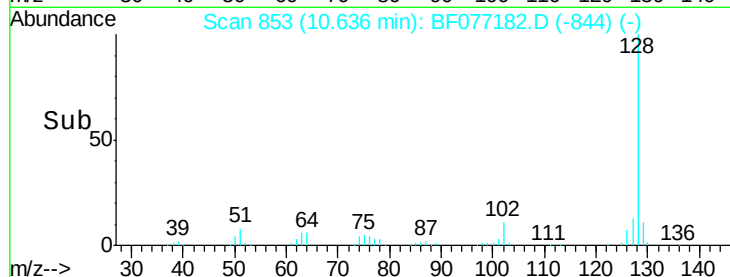
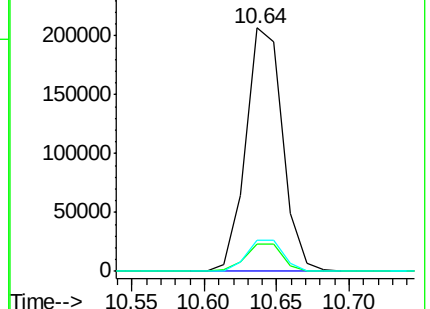
127 12.9 10.2 15.2



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: 16.72 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.05 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

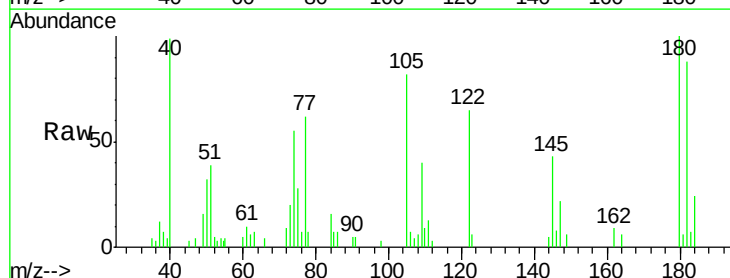
Tgt Ion:122 Resp: 23619

Ion Ratio Lower Upper

122 100

105 125.9 111.3 151.3

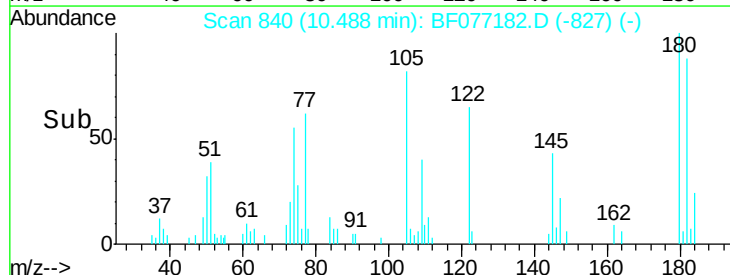
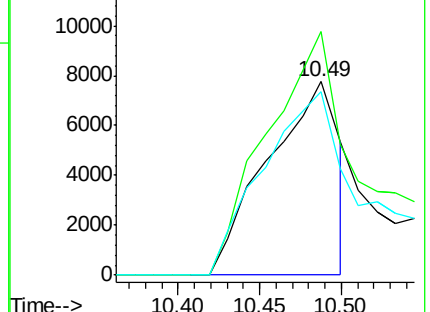
77 94.8 79.2 119.2

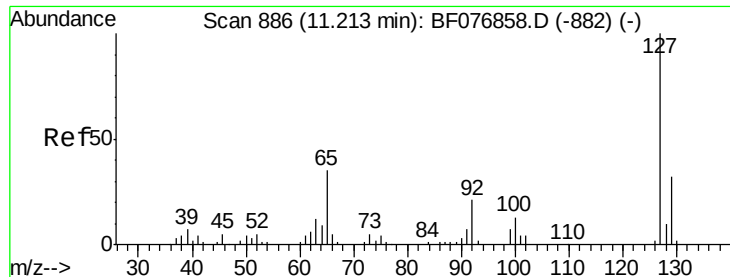


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

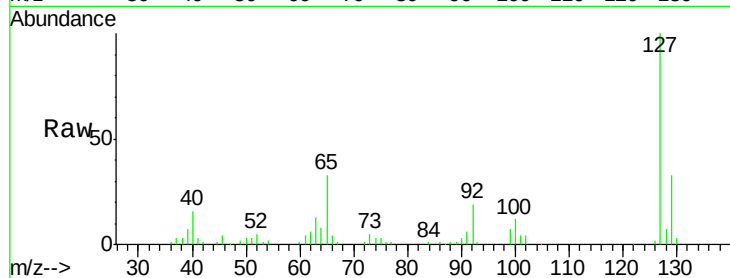




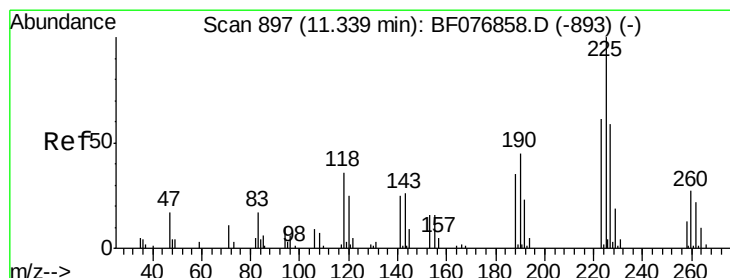
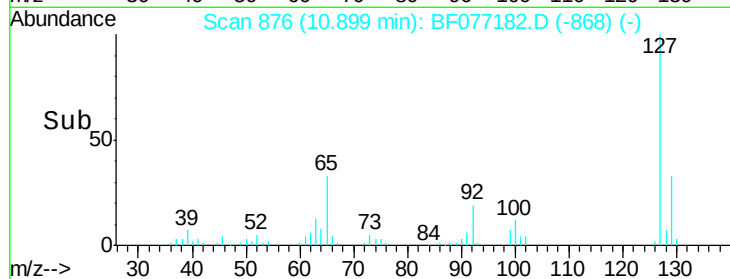
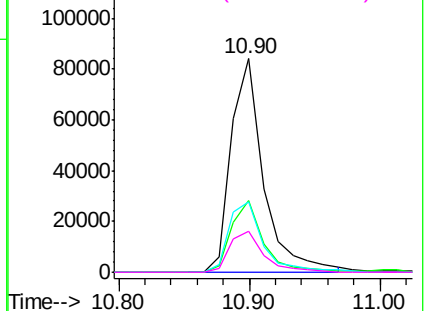
#33
4-Chloroaniline
Concen: 38.85 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:127	Resp:	144930
Ion Ratio	Lower	Upper
127	100	
129	33.3	25.3 37.9
65	33.1	27.8 41.6
92	19.2	16.5 24.7

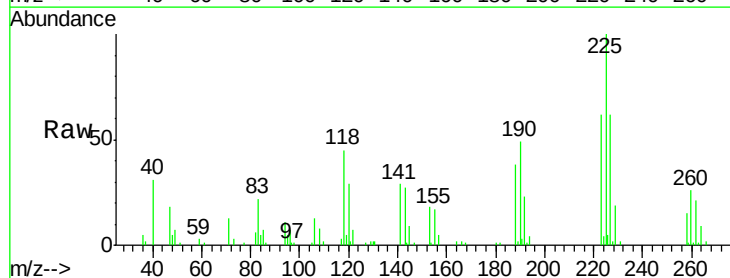


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

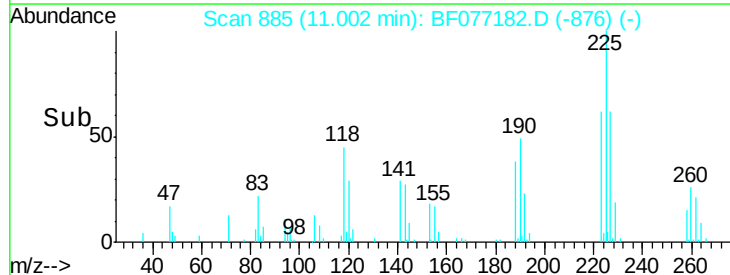
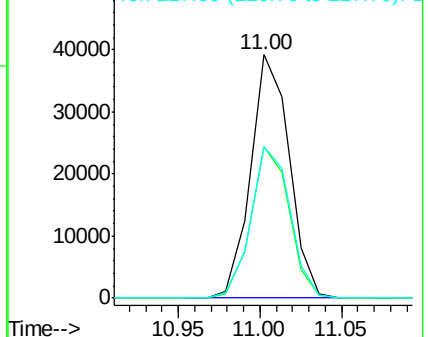


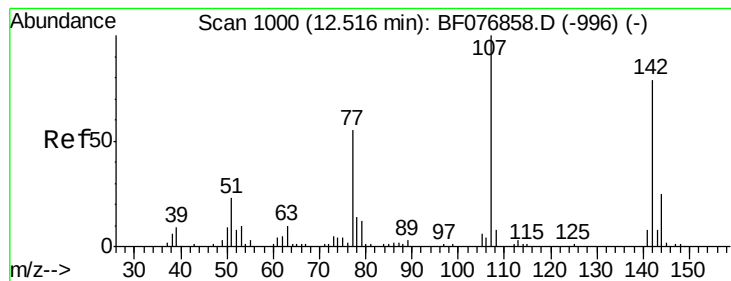
#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:225	Resp:	64509
Ion Ratio	Lower	Upper
225	100	
223	62.1	49.1 73.7
227	62.2	47.5 71.3



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





#36

4-Chloro-3-methylphenol

Concen: 38.25 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

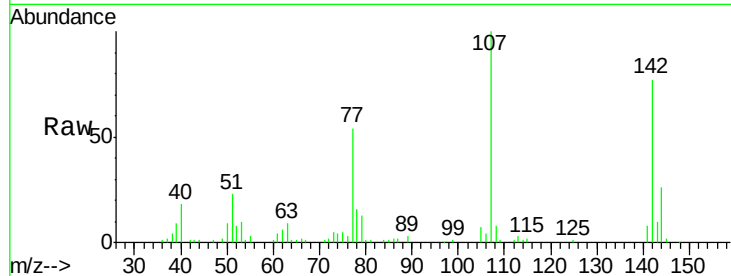
Tot Ion:107 Resp: 104087

Ion Ratio Lower Upper

107 100

144 25.7 20.0 30.0

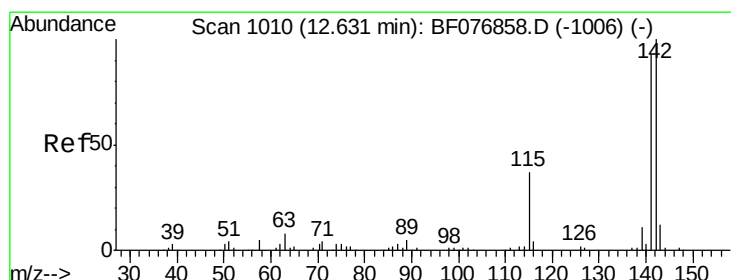
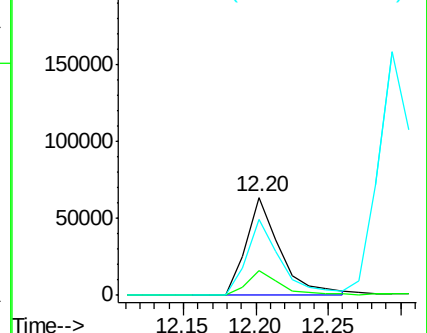
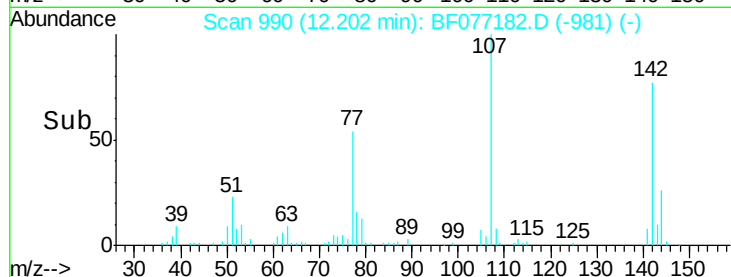
142 77.0 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 39.87 ng

RT: 12.29 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

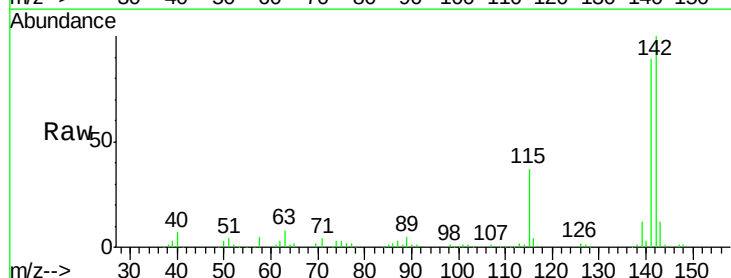
Tgt Ion:142 Resp: 251369

Ion Ratio Lower Upper

142 100

141 89.1 74.5 111.7

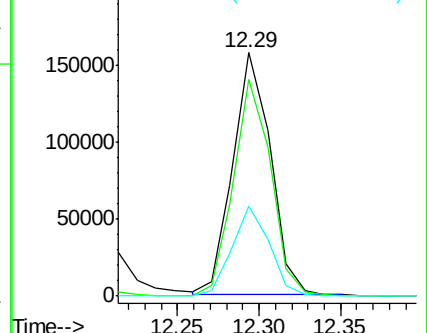
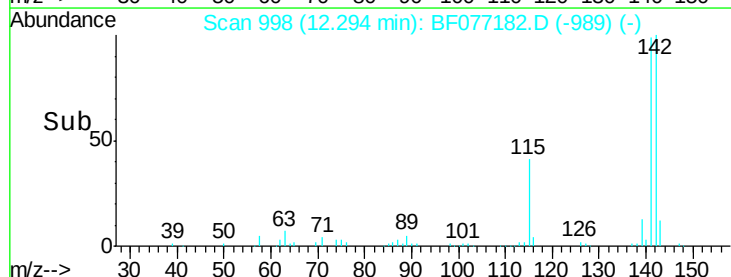
115 36.9 29.7 44.5

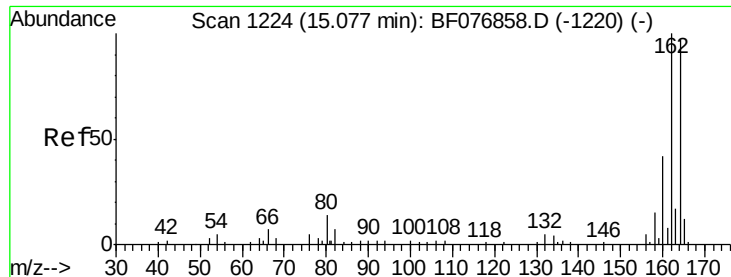


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

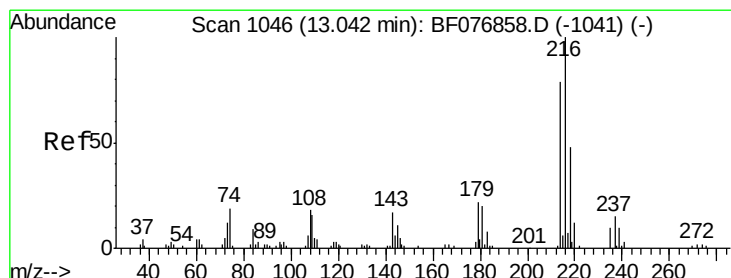
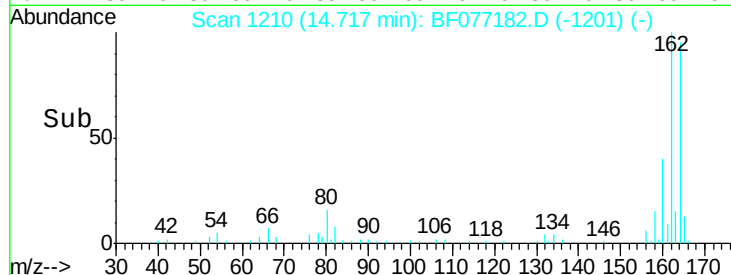
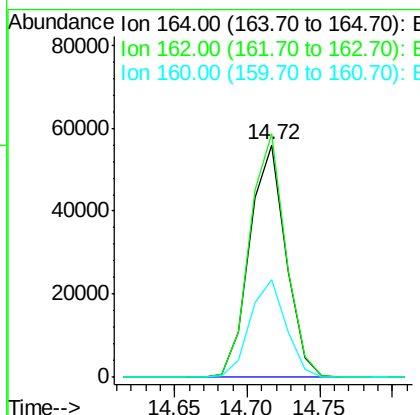
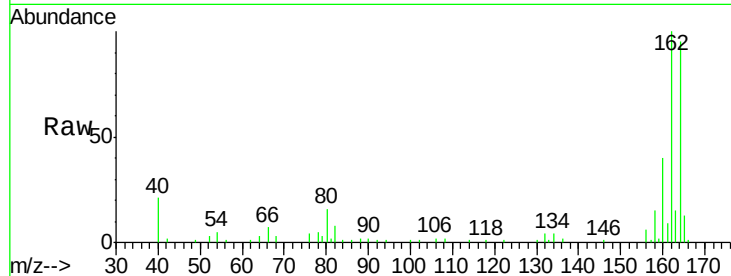




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

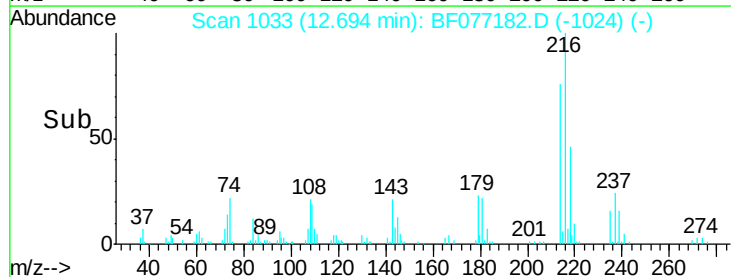
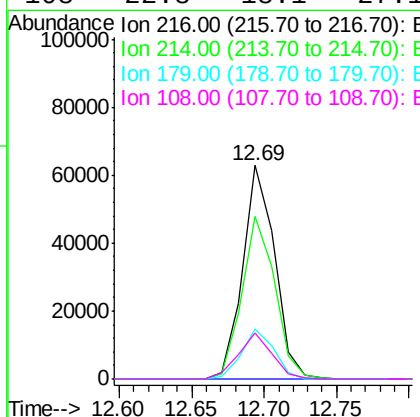
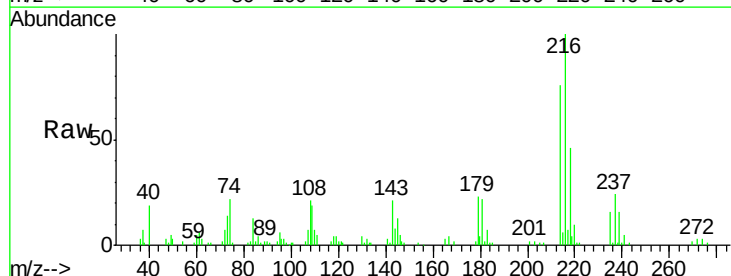
Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

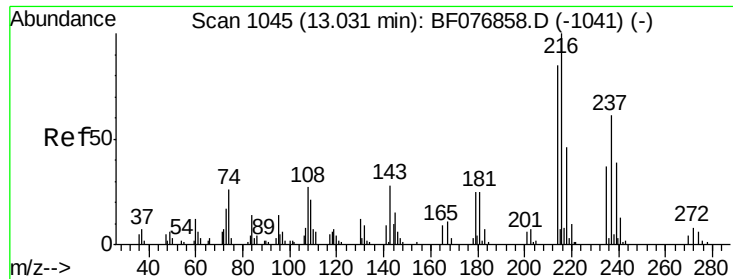
Tot Ion:164 Resp: 96760
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 42.1 34.8 52.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.28 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:216 Resp: 96355
 Ion Ratio Lower Upper
 216 100
 214 78.1 64.9 97.3
 179 23.5 18.6 28.0
 108 22.8 18.1 27.1

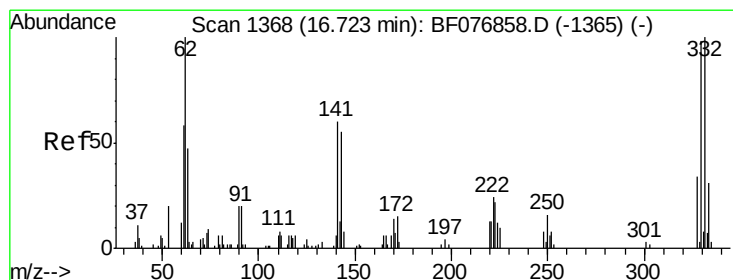
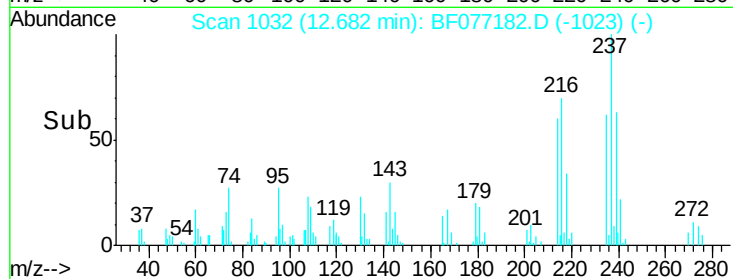
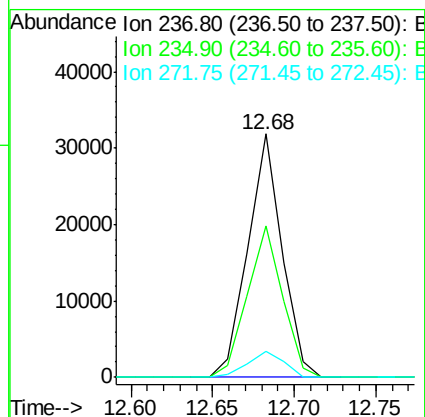
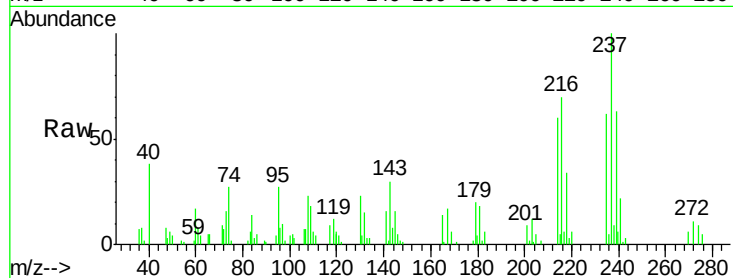




#40
Hexachlorocyclopentadiene
Concen: 38.32 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

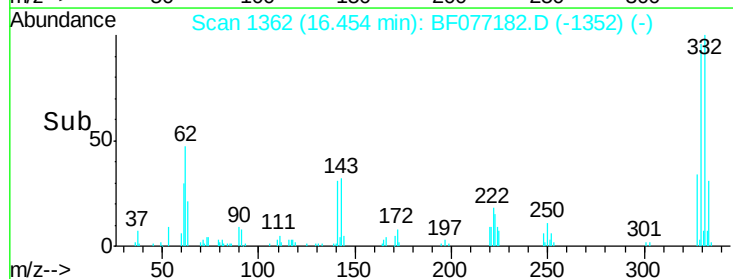
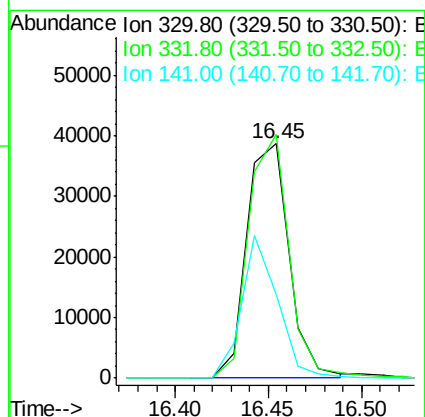
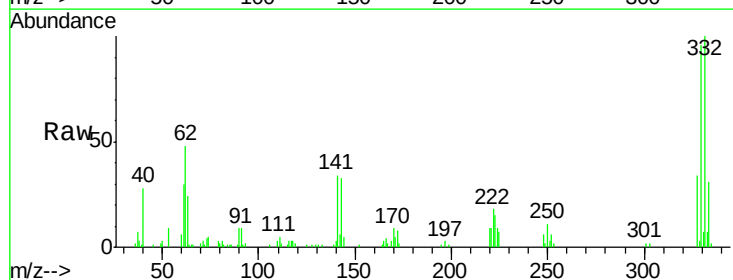
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

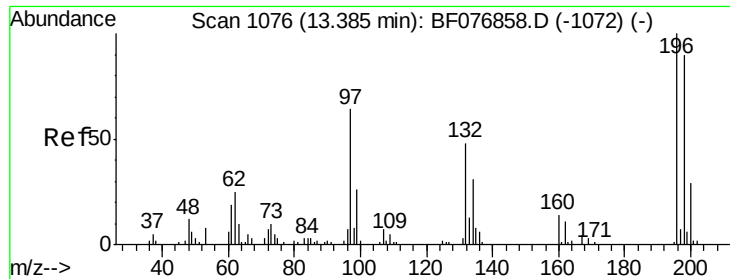
Tot Ion:237 Resp: 46086
Ion Ratio Lower Upper
237 100
235 62.3 40.4 80.4
272 10.6 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 77.66 ng
RT: 16.45 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:330 Resp: 60994
Ion Ratio Lower Upper
330 100
332 99.9 77.8 116.6
141 52.0 38.5 57.7

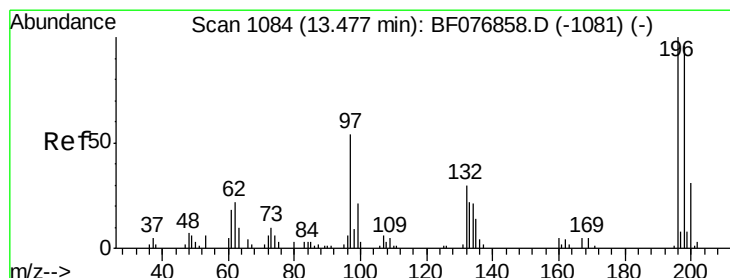
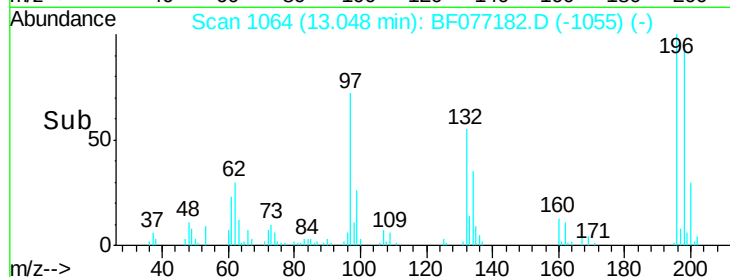
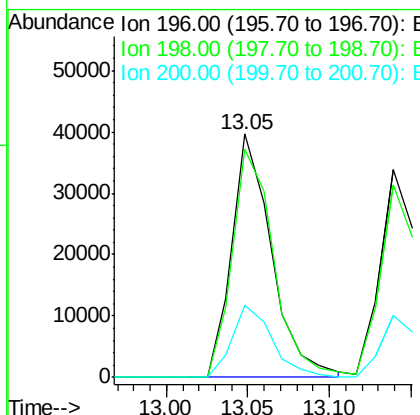
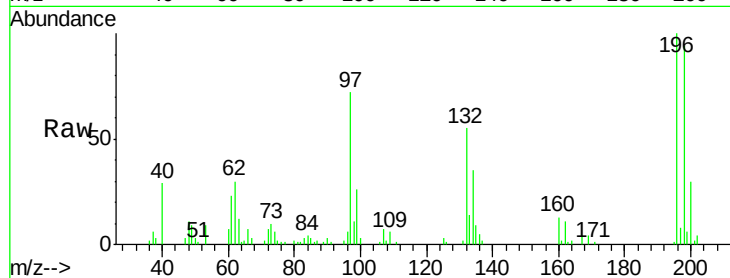




#42
2,4,6-Trichlorophenol
Concen: 38.43 ng
RT: 13.05 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

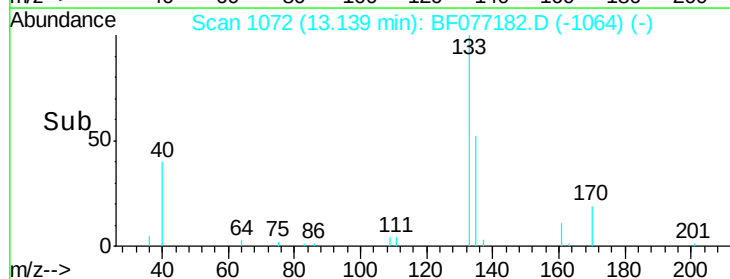
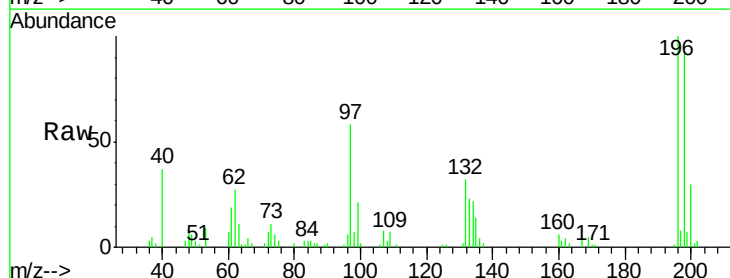
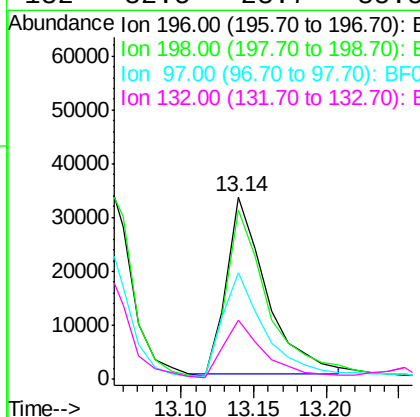
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

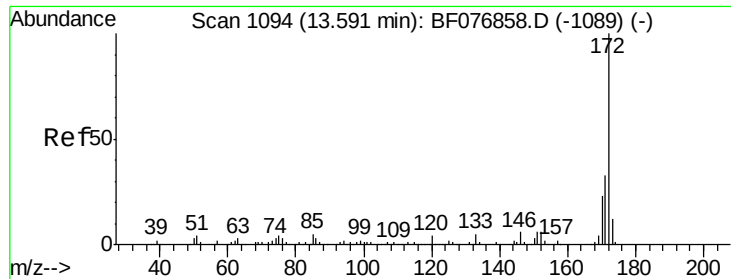
Tot Ion:196 Resp: 66985
Ion Ratio Lower Upper
196 100
198 93.7 72.0 108.0
200 29.7 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 35.32 ng
RT: 13.14 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:196 Resp: 62786
Ion Ratio Lower Upper
196 100
198 92.9 76.6 115.0
97 58.1 43.4 65.0
132 32.5 23.7 35.5

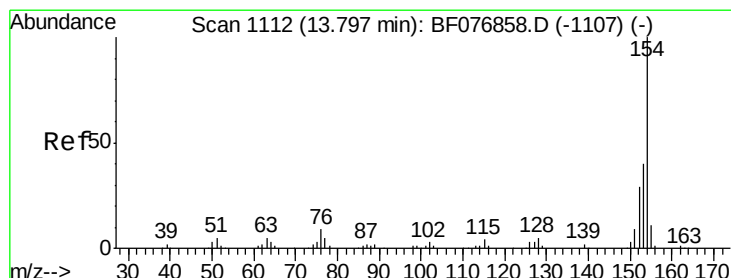
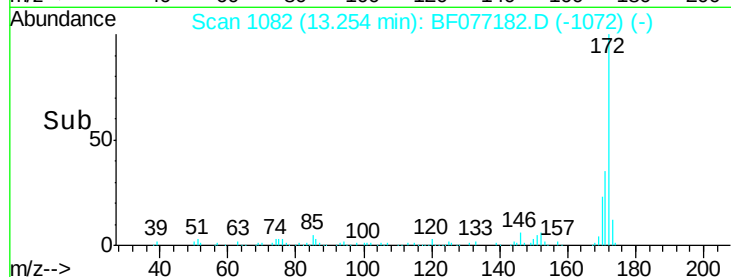
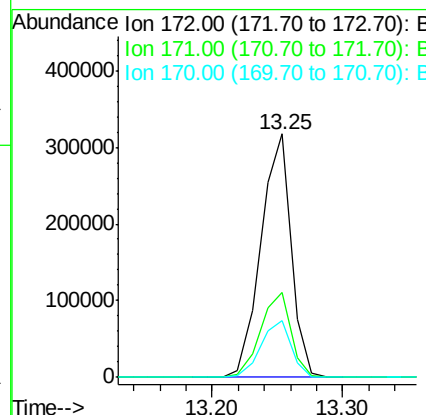
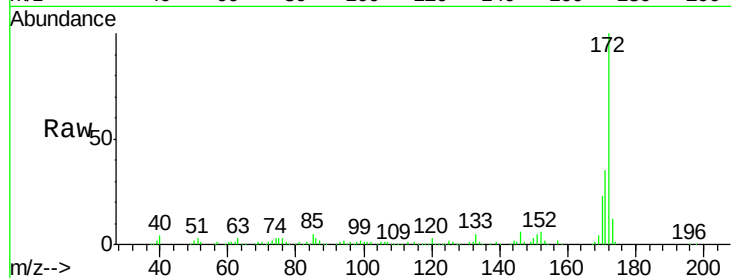




#44
2-Fluorobiphenyl
Concen: 80.99 ng
RT: 13.25 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

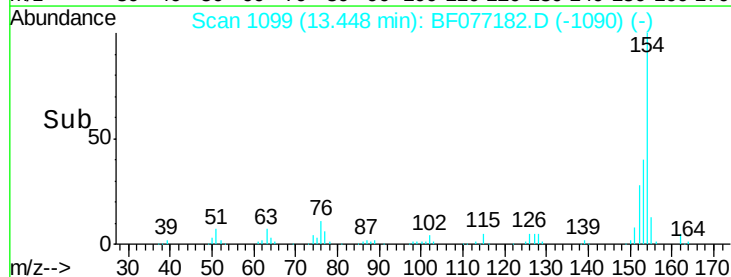
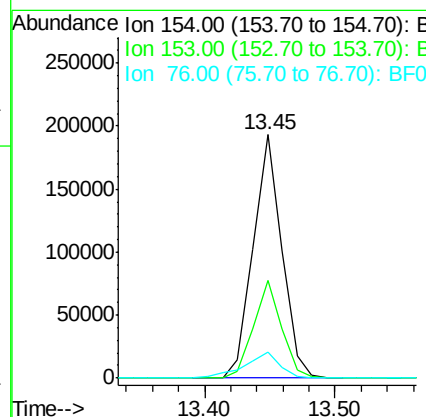
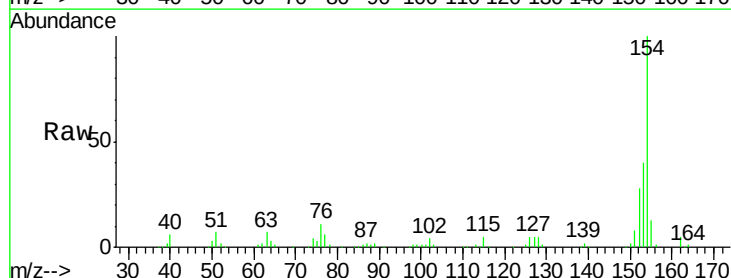
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

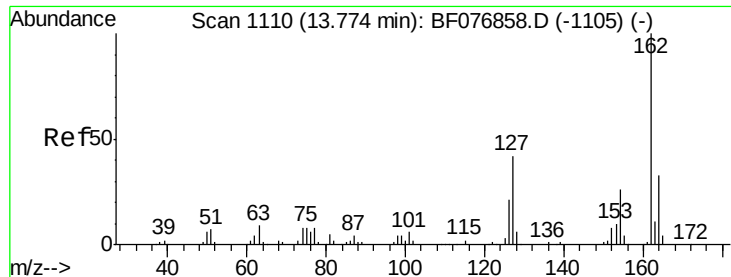
Tot Ion:172 Resp: 514974
Ion Ratio Lower Upper
172 100
171 34.7 26.6 40.0
170 23.2 18.0 27.0



#45
1,1'-Biphenyl
Concen: 41.25 ng
RT: 13.45 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:154 Resp: 295869
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 10.6 0.0 29.0

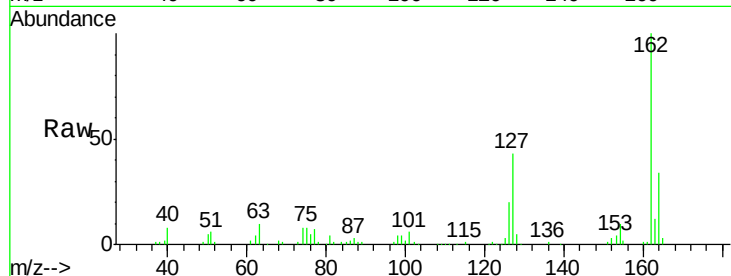




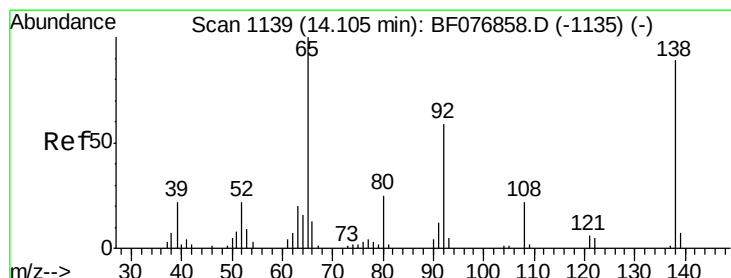
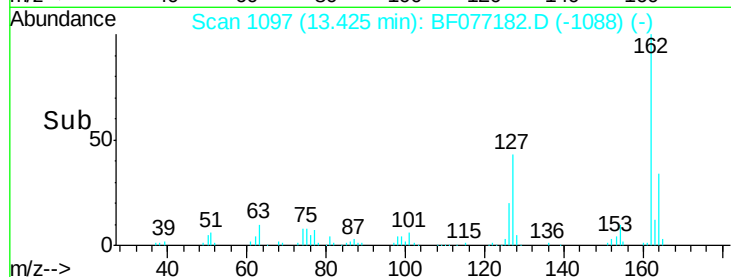
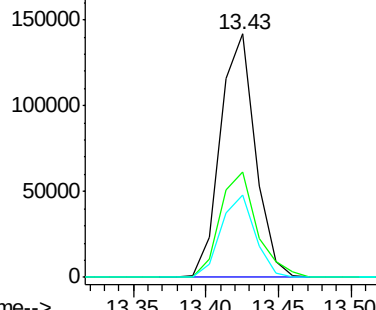
#46
2-Chloronaphthalene
Concen: 40.17 ng
RT: 13.43 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:162 Resp: 237121
Ion Ratio Lower Upper
162 100
127 43.1 33.8 50.6
164 33.6 26.8 40.2

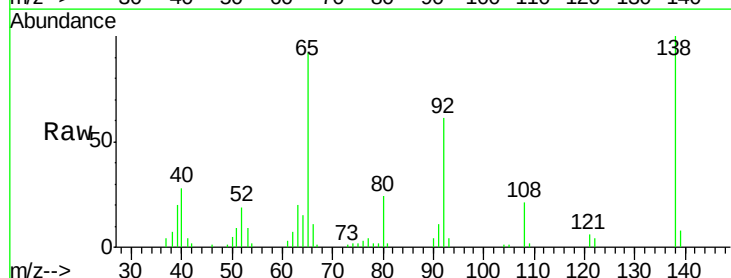


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

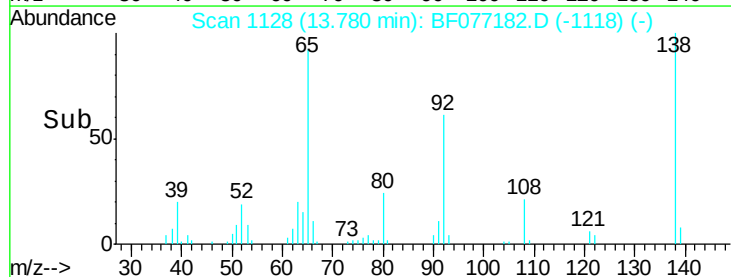
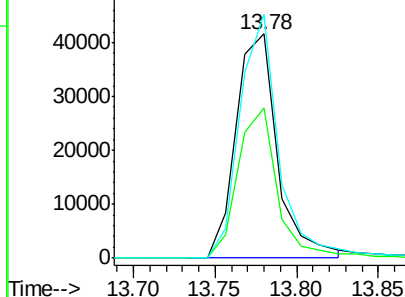


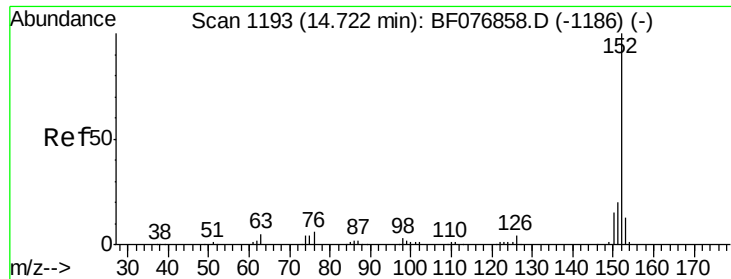
#47
2-Nitroaniline
Concen: 41.00 ng
RT: 13.78 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 65 Resp: 73427
Ion Ratio Lower Upper
65 100
92 66.8 47.3 70.9
138 108.8 71.4 107.2#



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





#48

Acenaphthylene

Concen: 41.24 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

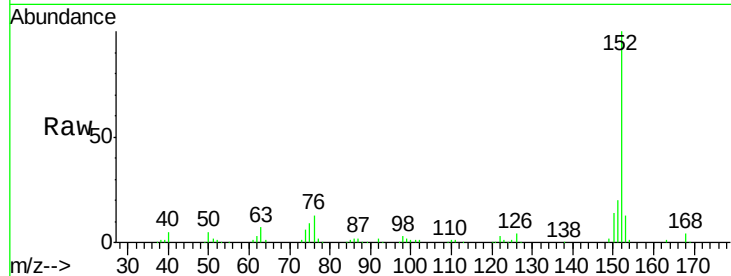
Tot Ion:152 Resp: 410614

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

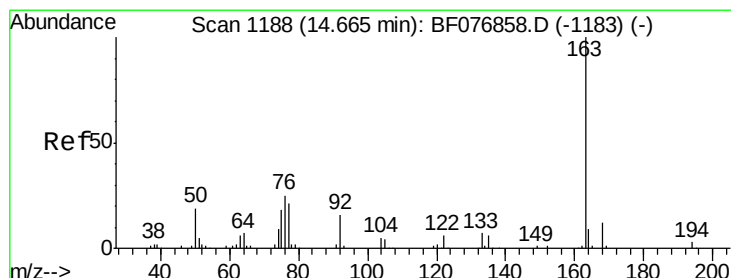
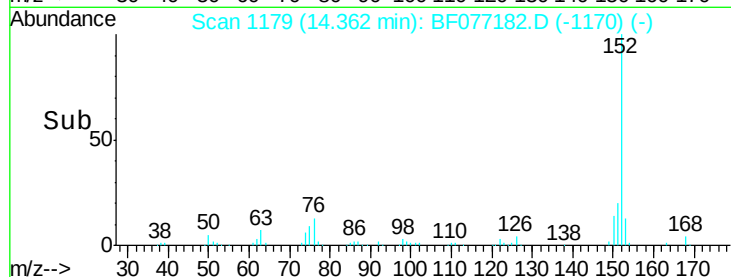
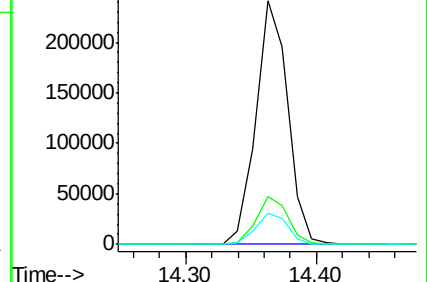
153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.22 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

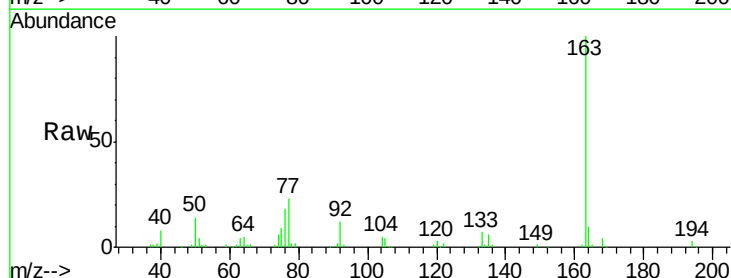
Tgt Ion:163 Resp: 275994

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

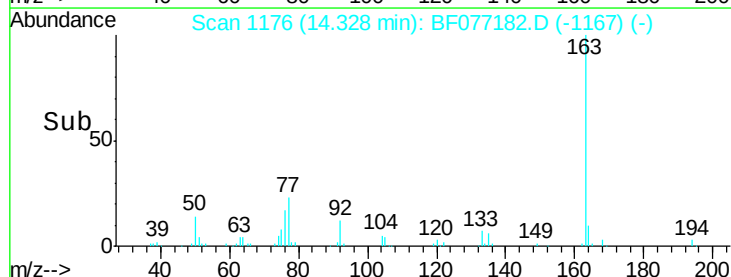
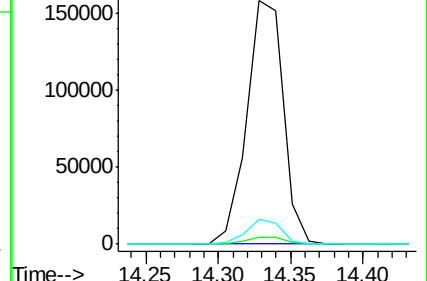
164 10.4 7.5 11.3

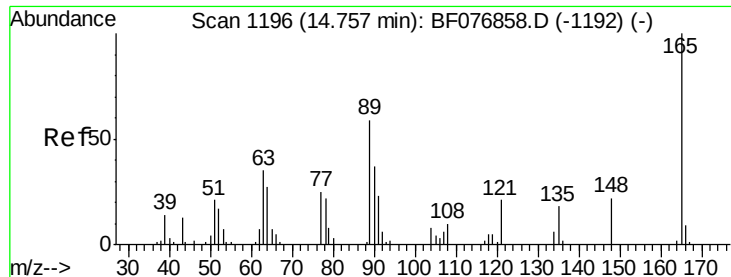


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

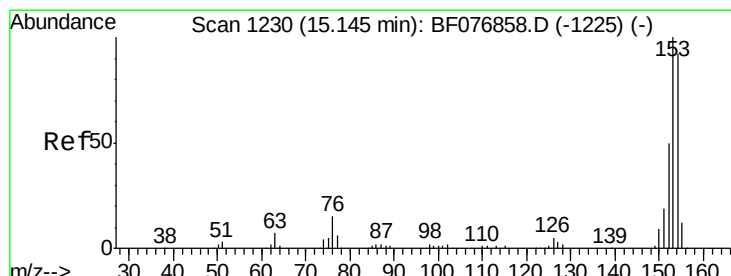
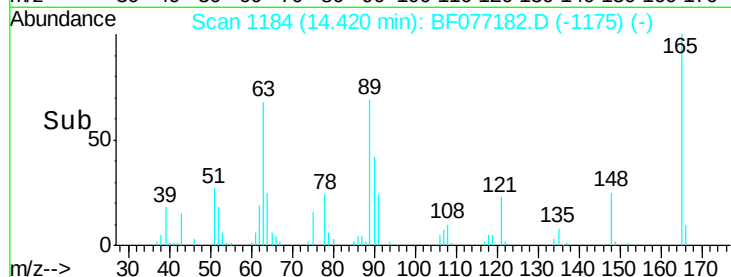
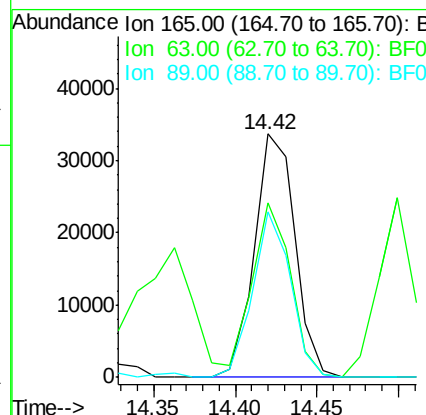
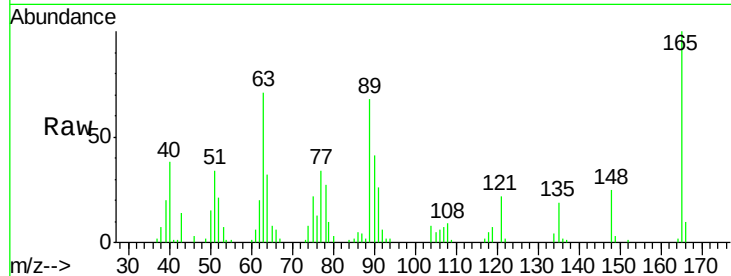




#50
 2,6-Dinitrotoluene
 Concen: 42.62 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

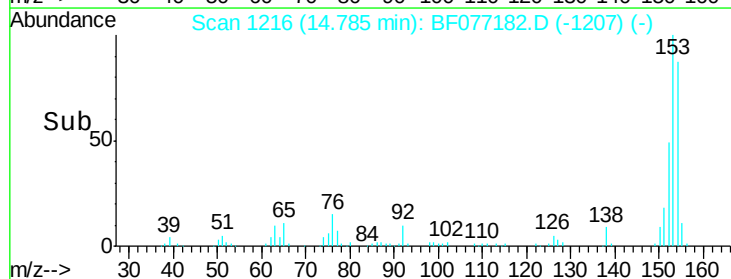
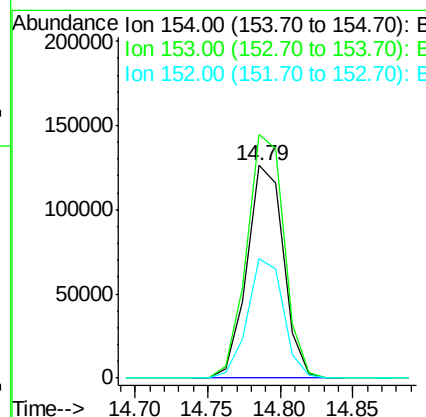
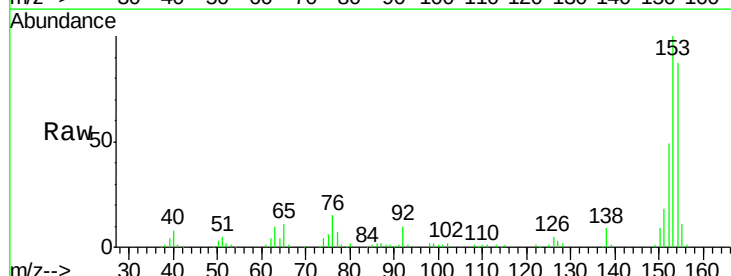
Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

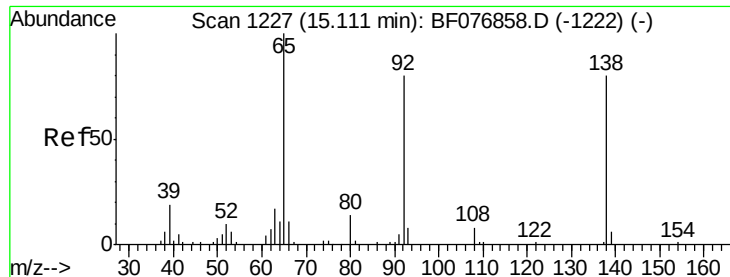
Tot Ion:165 Resp: 58427
 Ion Ratio Lower Upper
 165 100
 63 71.4 48.1 72.1
 89 67.8 47.2 70.8



#51
 Acenaphthene
 Concen: 39.24 ng
 RT: 14.79 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:154 Resp: 221690
 Ion Ratio Lower Upper
 154 100
 153 114.6 87.0 130.6
 152 56.0 43.5 65.3





#52

3-Nitroaniline

Concen: 37.72 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

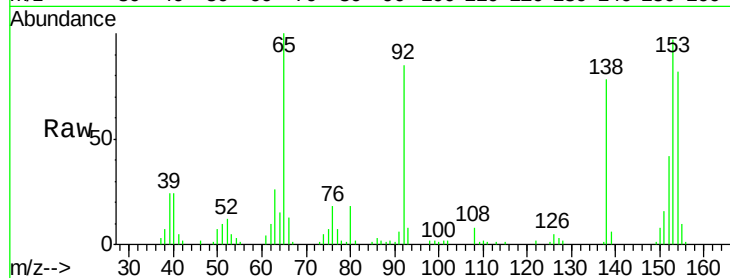
Tot Ion:138 Resp: 66801

Ion Ratio Lower Upper

138 100

108 10.7 8.3 12.5

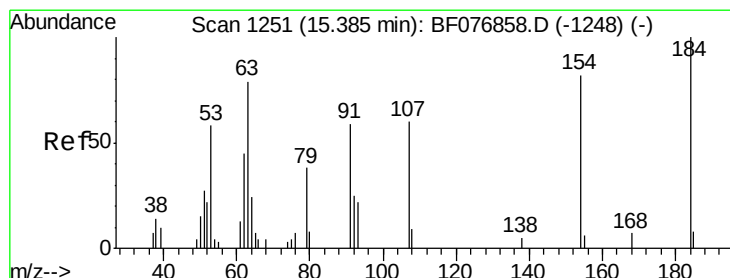
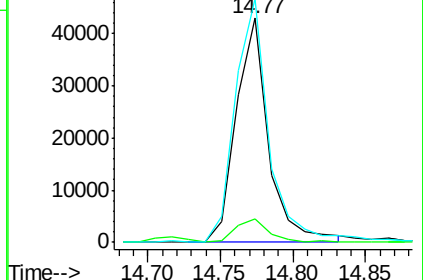
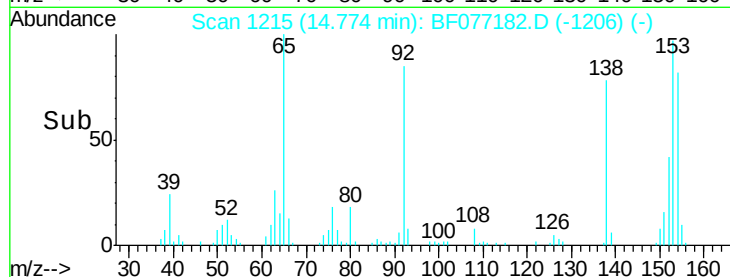
92 108.8 80.9 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 31.24 ng

RT: 15.06 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

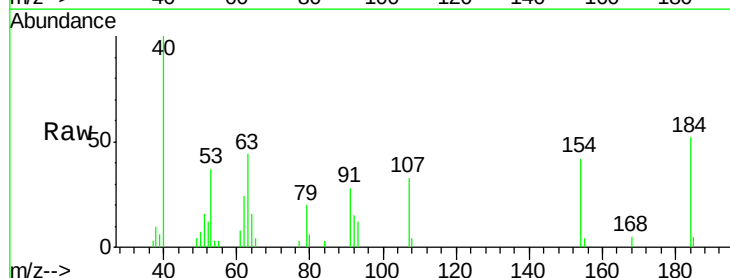
Tgt Ion:184 Resp: 14694

Ion Ratio Lower Upper

184 100

63 85.5 63.0 94.6

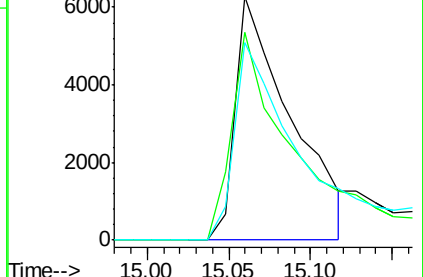
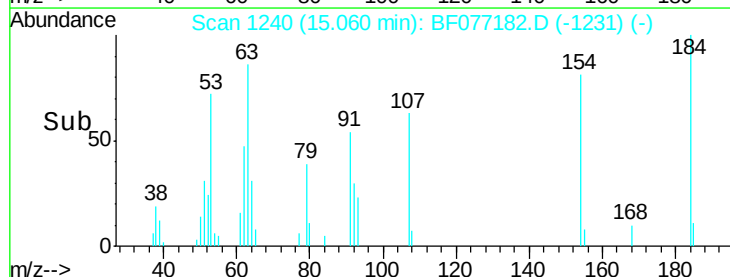
154 80.9 65.5 98.3

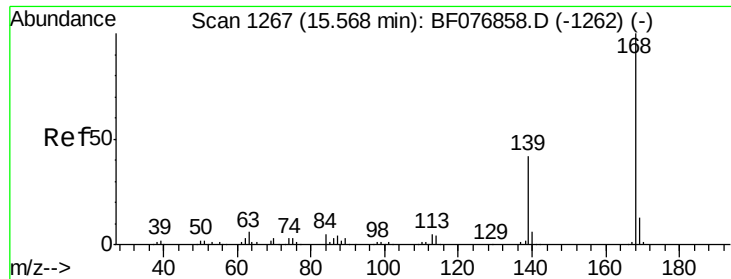


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

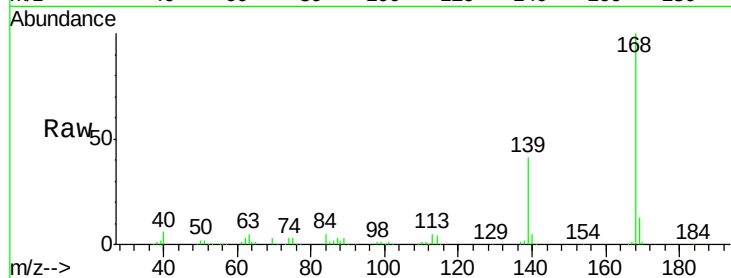




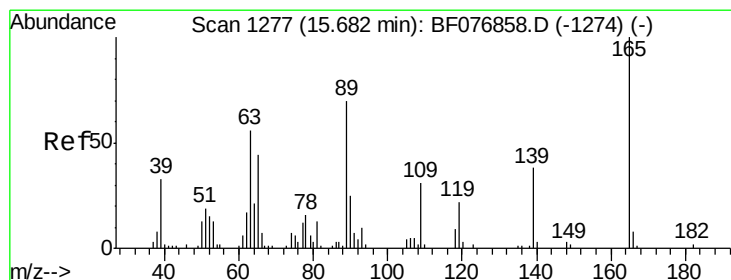
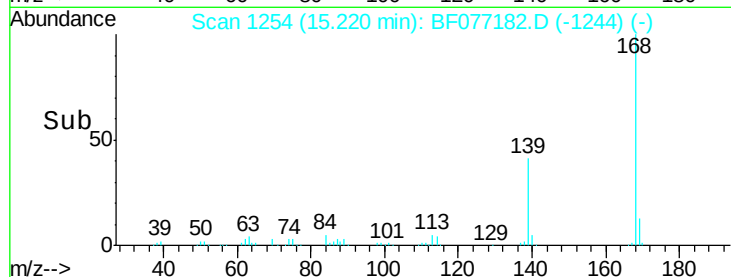
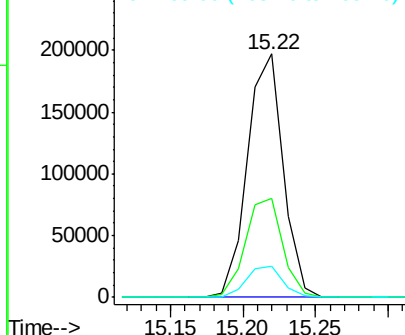
#54
Dibenzenofuran
Concen: 40.86 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:168 Resp: 336239
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.2
169 13.0 10.6 15.8

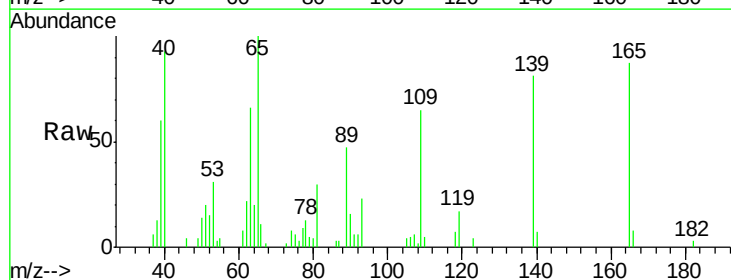


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

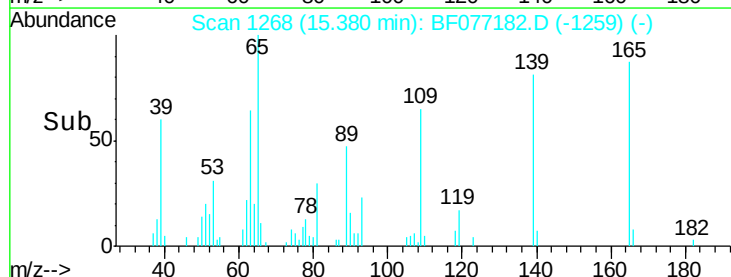
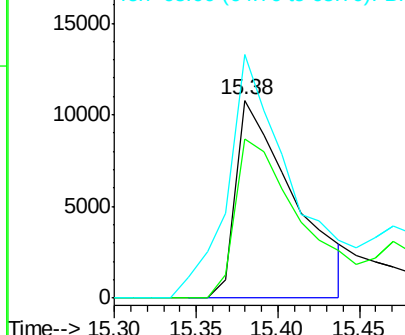


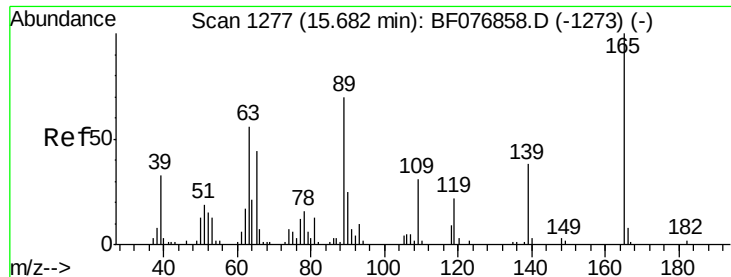
#55
4-Nitrophenol
Concen: 24.80 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:139 Resp: 26674
Ion Ratio Lower Upper
139 100
109 80.2 61.0 101.0
65 123.0 96.6 136.6



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

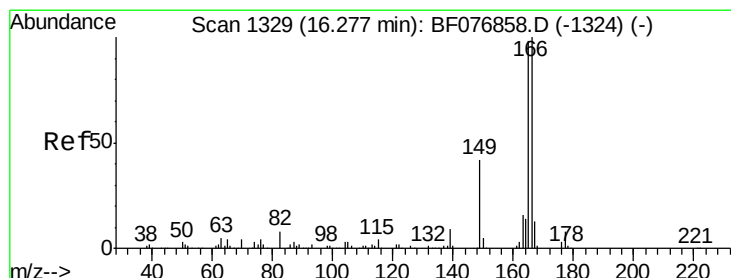
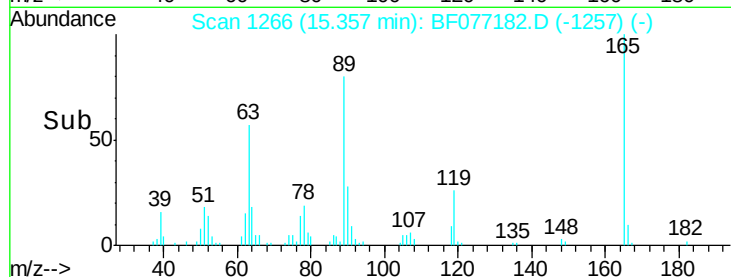
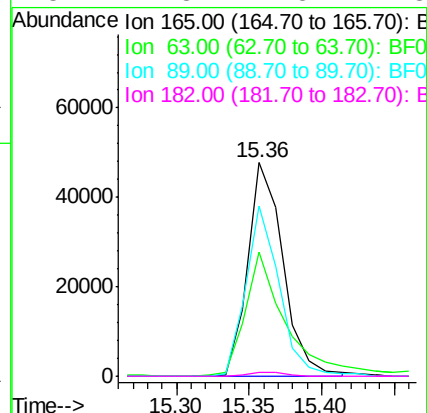
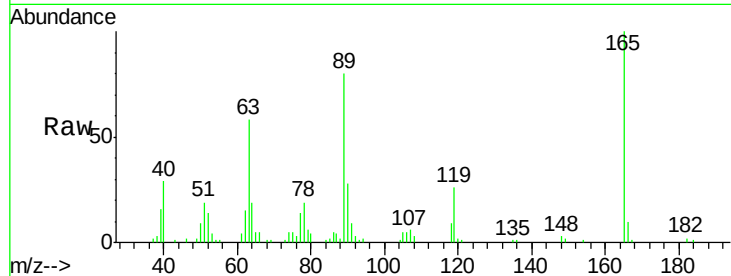




#56
2,4-Dinitrotoluene
Concen: 39.72 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

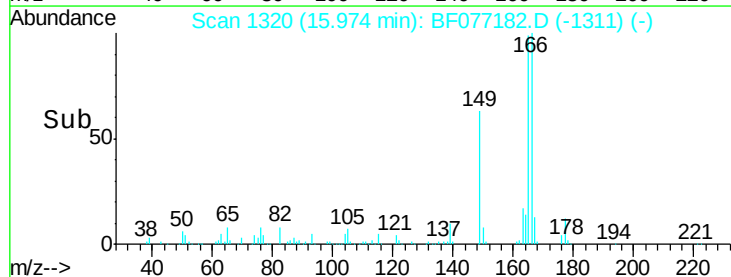
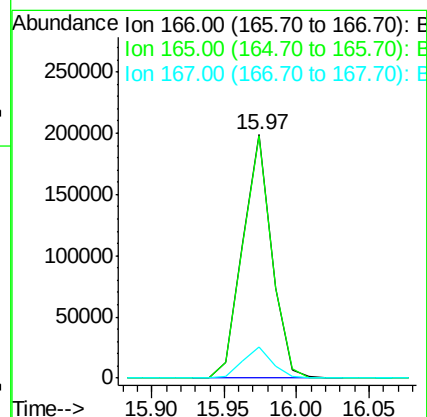
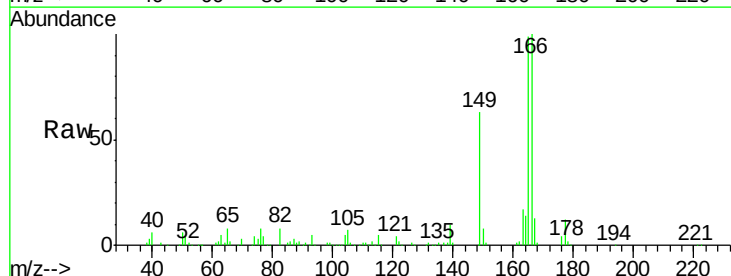
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

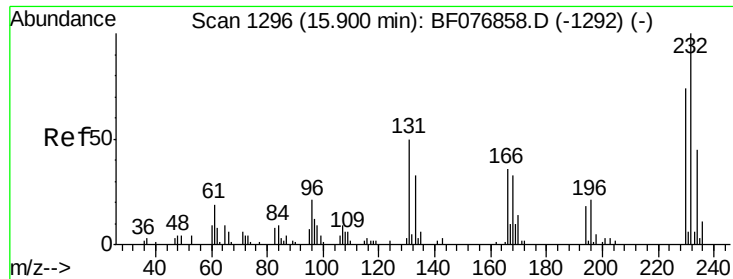
Tot Ion:165 Resp: 80856
Ion Ratio Lower Upper
165 100
63 58.2 44.8 67.2
89 79.6 56.2 84.2
182 1.8 1.5 2.3



#57
Fluorene
Concen: 39.65 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:166 Resp: 276451
Ion Ratio Lower Upper
166 100
165 99.4 78.5 117.7
167 13.0 10.4 15.6

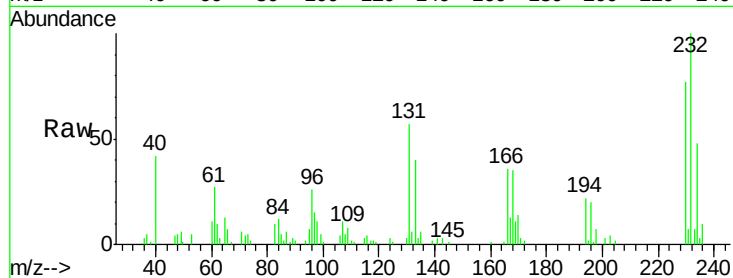




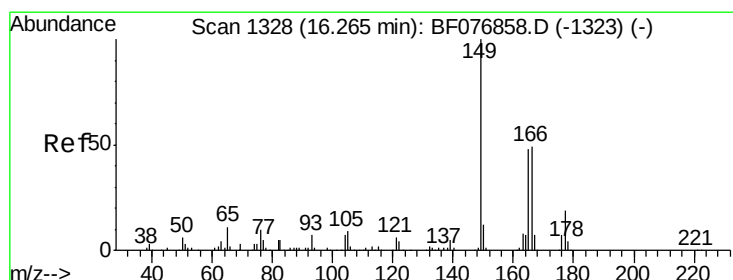
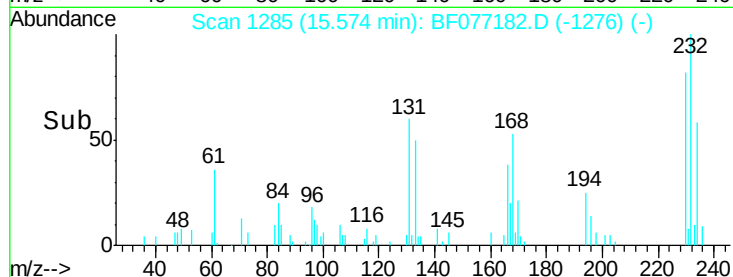
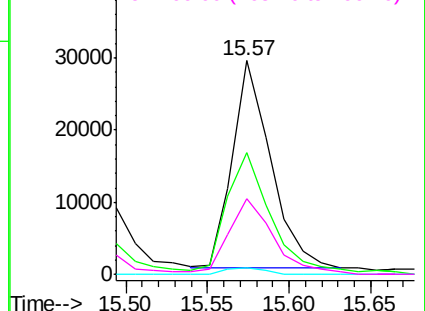
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.81 ng
 RT: 15.57 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 LabSampleId :
 SSTCCCC040

Tot Ion:232 Resp: 46357
 Ion Ratio Lower Upper
 232 100
 131 62.8 45.0 67.6
 130 3.1 2.6 3.8
 166 38.7 30.9 46.3

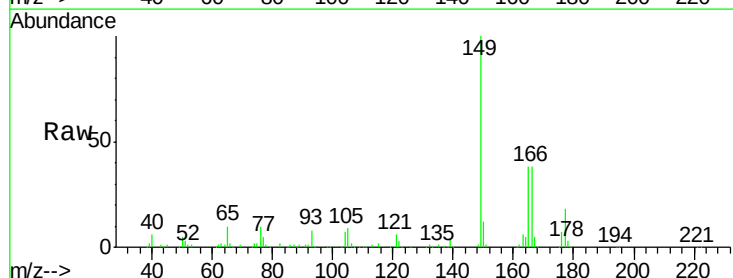


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

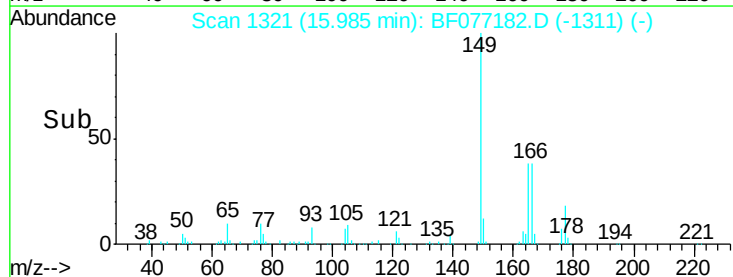
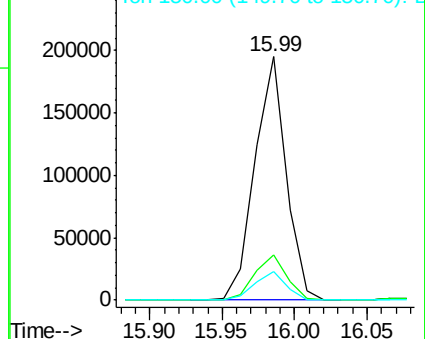


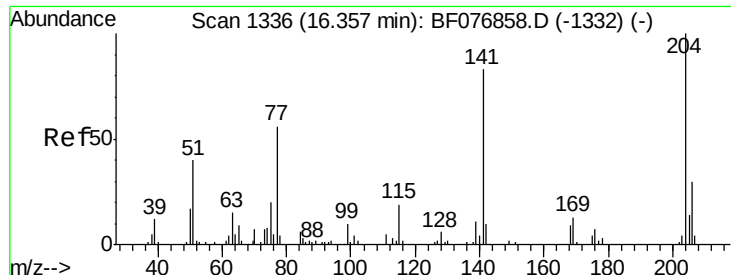
#59
 Diethylphthalate
 Concen: 42.20 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:149 Resp: 292668
 Ion Ratio Lower Upper
 149 100
 177 18.4 15.0 22.6
 150 11.8 9.4 14.0



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

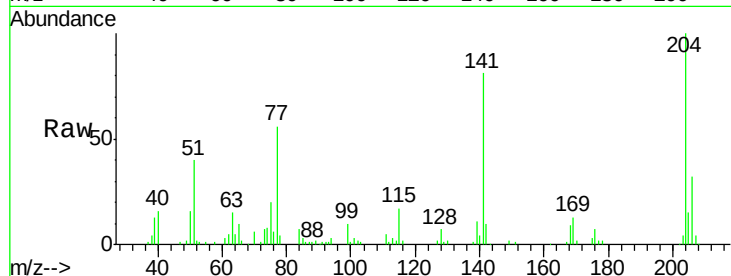




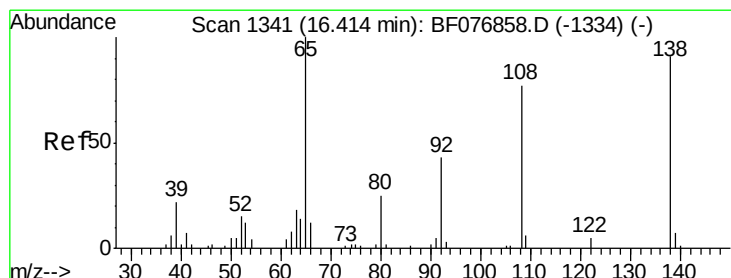
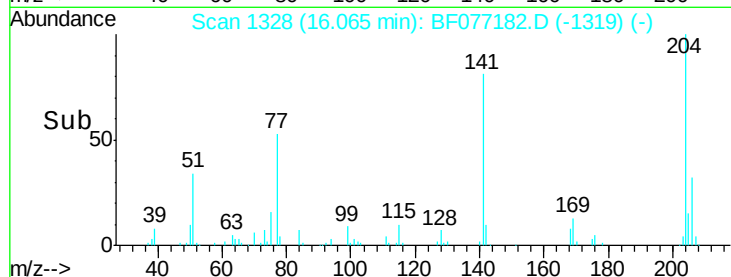
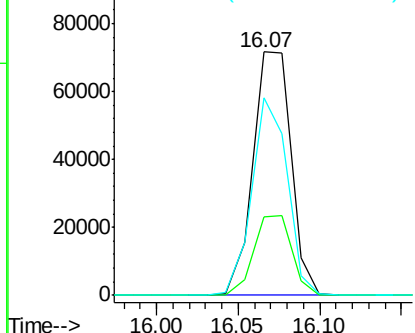
#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:204 Resp: 117108
Ion Ratio Lower Upper
204 100
206 32.3 24.2 36.2
141 81.2 66.7 100.1

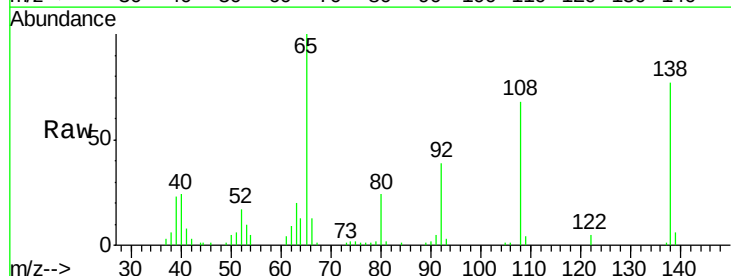


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

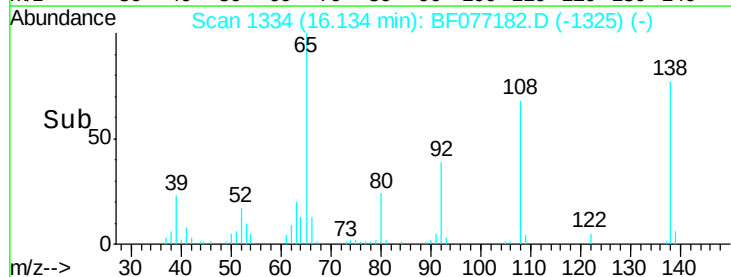
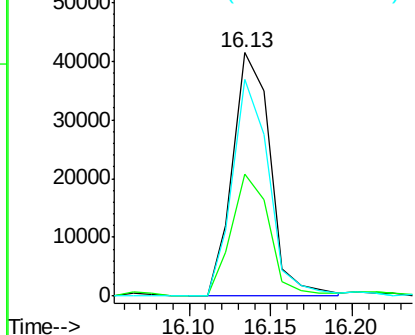


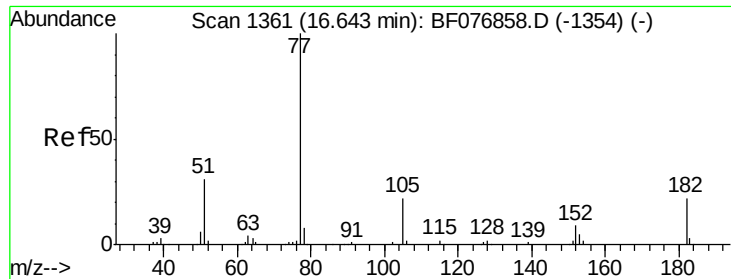
#61
4-Nitroaniline
Concen: 38.58 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:138 Resp: 66178
Ion Ratio Lower Upper
138 100
92 50.3 26.7 66.7
108 88.9 64.5 104.5



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: 41.34 ng

RT: 16.36 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 298703

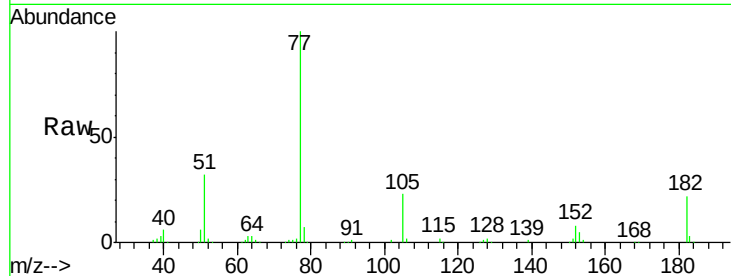
Ion Ratio Lower Upper

77 100

182 22.2 2.0 42.0

105 22.6 2.3 42.3

51 31.6 10.7 50.7

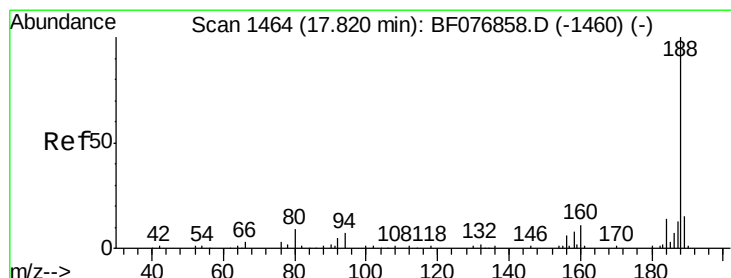
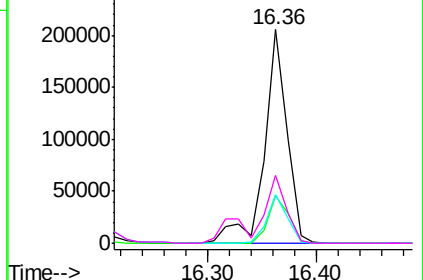
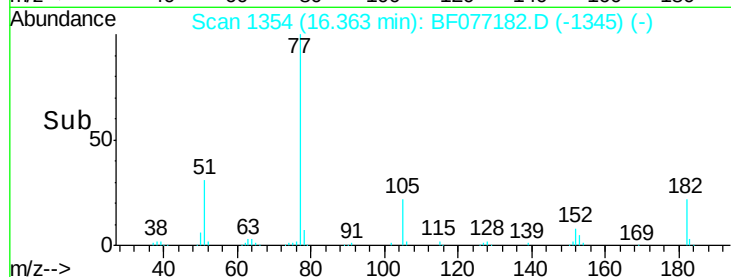


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.56 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

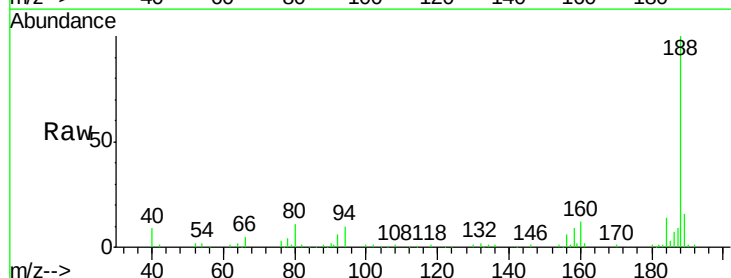
Tgt Ion: 188 Resp: 165290

Ion Ratio Lower Upper

188 100

94 10.4 6.0 9.0#

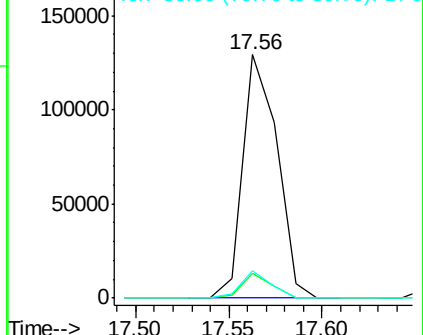
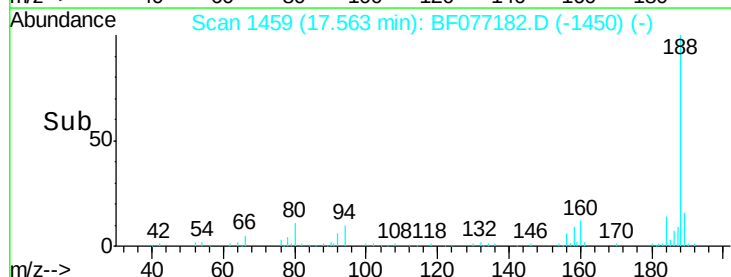
80 11.1 6.9 10.3#

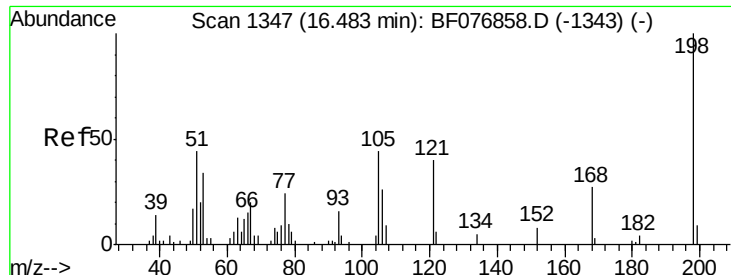


Abundance Ion 188.00 (187.70 to 188.70): E

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: 34.57 ng

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

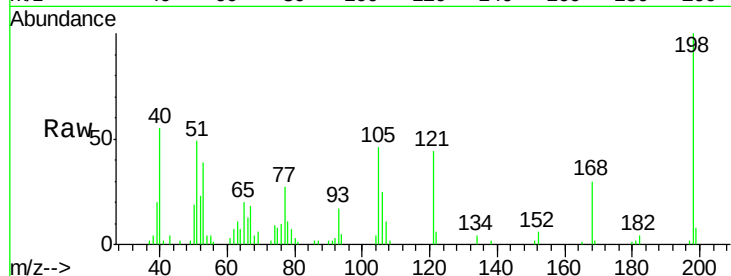
BNA_F

LabSampleId :

SSTDCCC040

Tot Ion:198 Resp: 35663

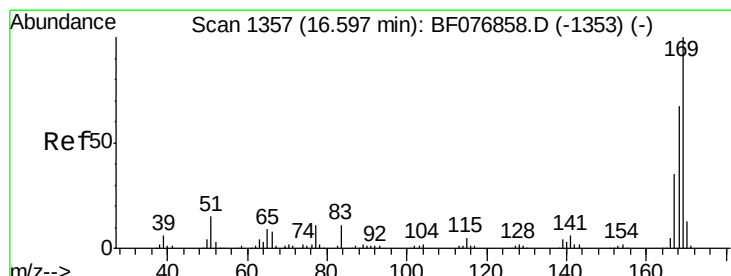
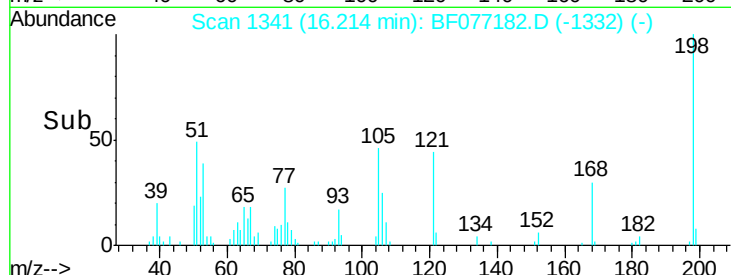
Ion	Ratio	Lower	Upper
198	100		
51	49.2	24.2	64.2
105	45.8	24.0	64.0



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: 39.57 ng

RT: 16.33 min Scan# 1351

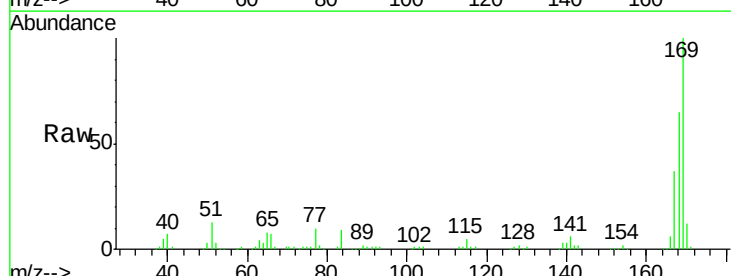
Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Tgt Ion:169 Resp: 233202

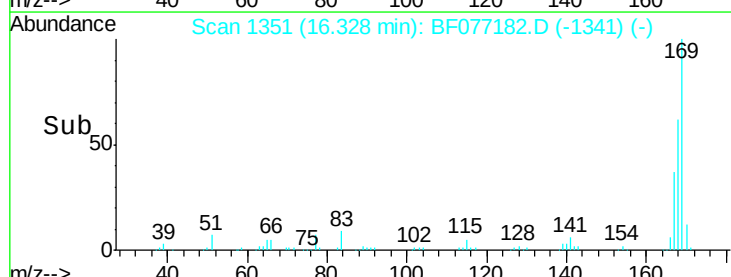
Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.8	80.6
167	36.6	27.8	41.6

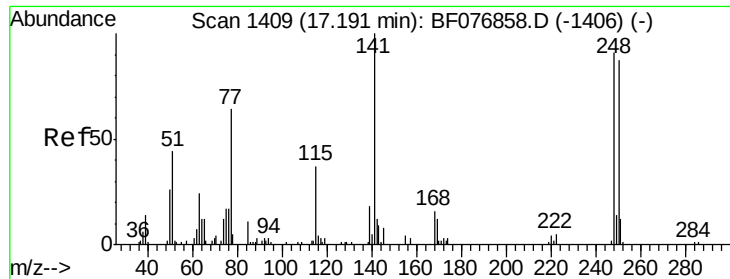


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

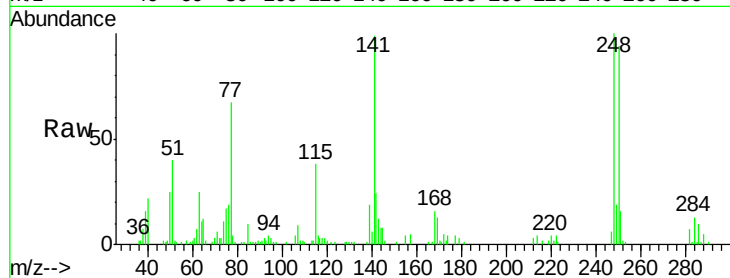




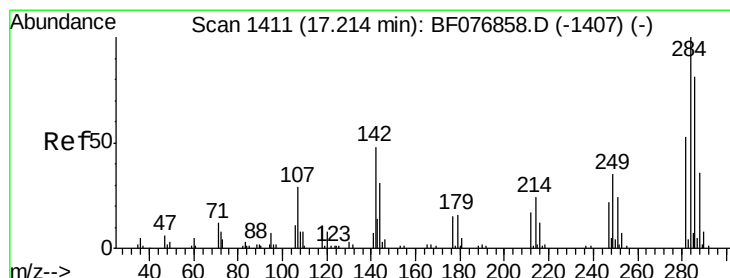
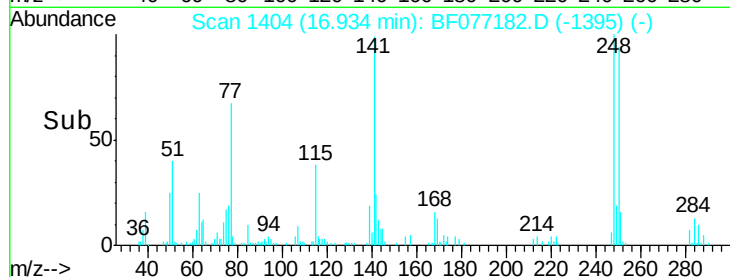
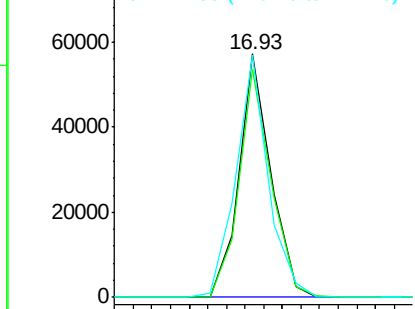
#66
4-Bromophenyl-phenylether
Concen: 40.28 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:248 Resp: 67450
Ion Ratio Lower Upper
248 100
250 93.8 77.1 115.7
141 99.4 88.2 132.4

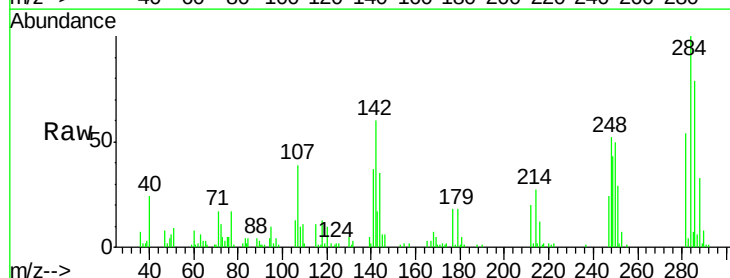


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

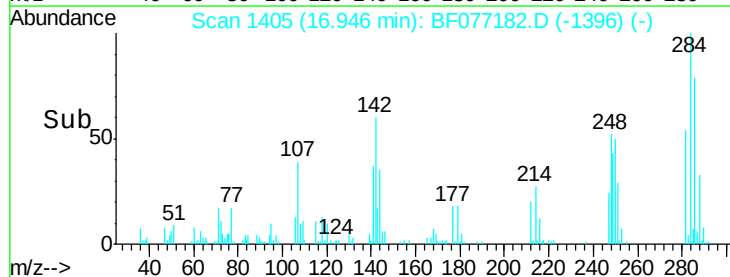
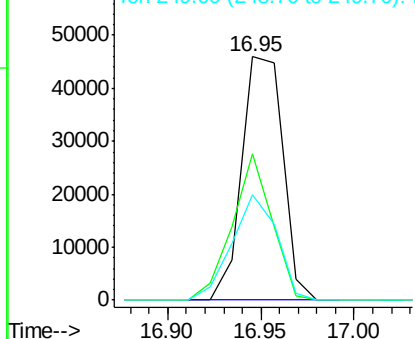


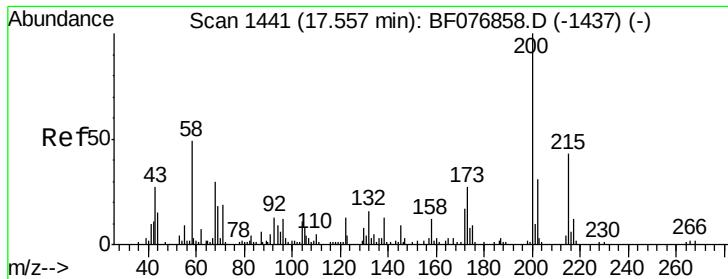
#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:284 Resp: 70069
Ion Ratio Lower Upper
284 100
142 59.9 38.2 57.4#
249 43.5 28.2 42.2#



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: 41.07 ng

RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

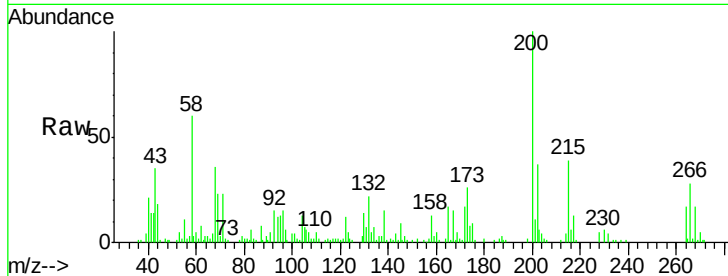
Tot Ion:200 Resp: 73449

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

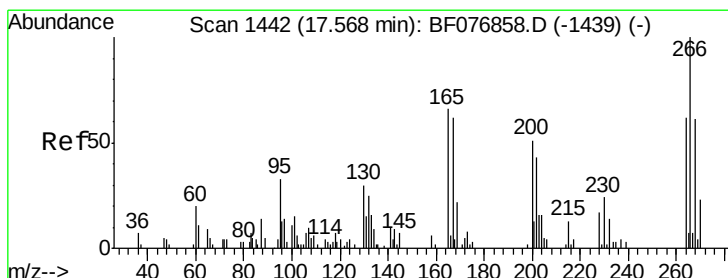
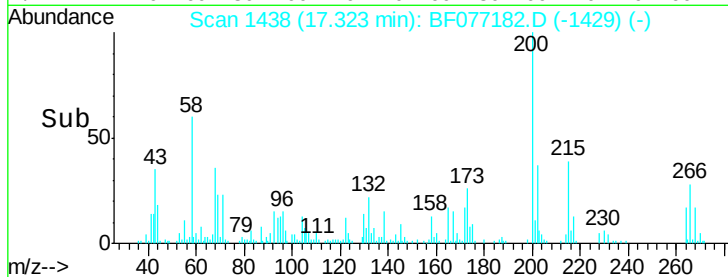
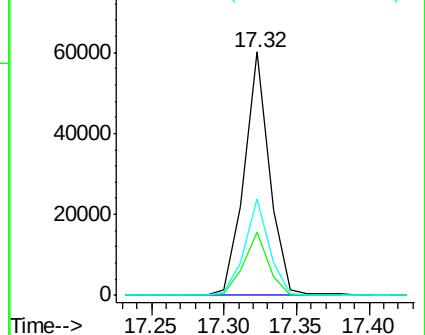
215 39.4 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 35.05 ng

RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

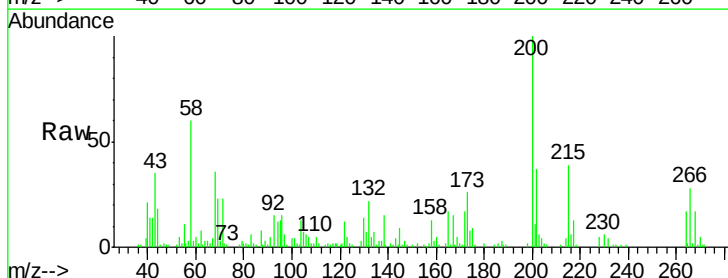
Tgt Ion:266 Resp: 24930

Ion Ratio Lower Upper

266 100

268 59.0 48.6 72.8

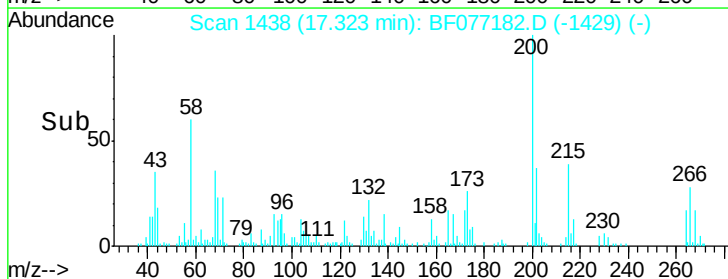
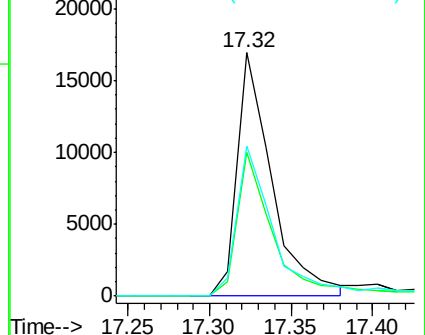
264 61.8 49.5 74.3

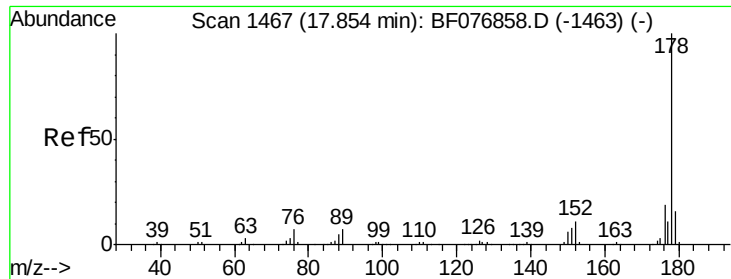


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

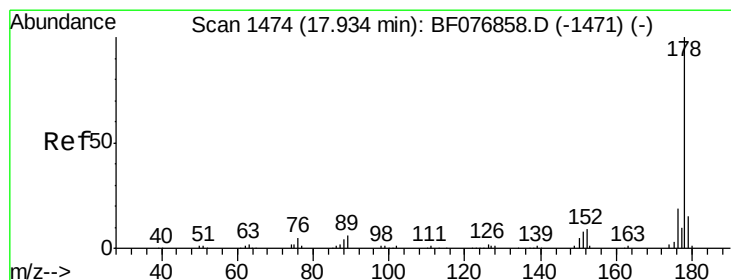
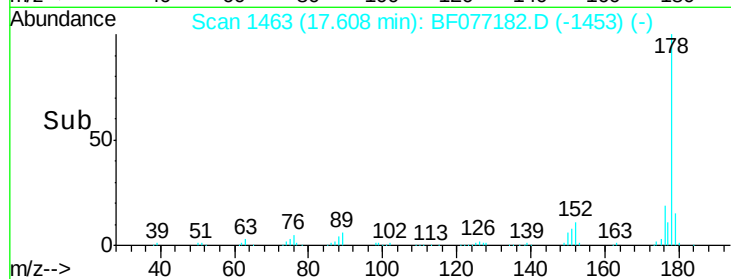
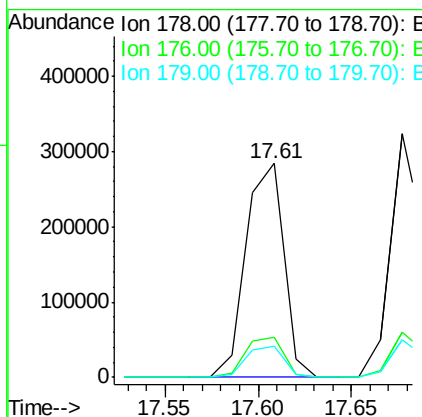
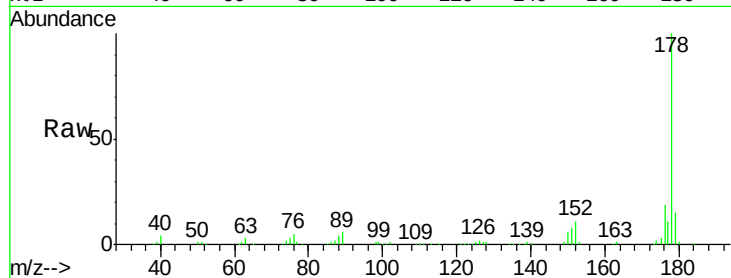




#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

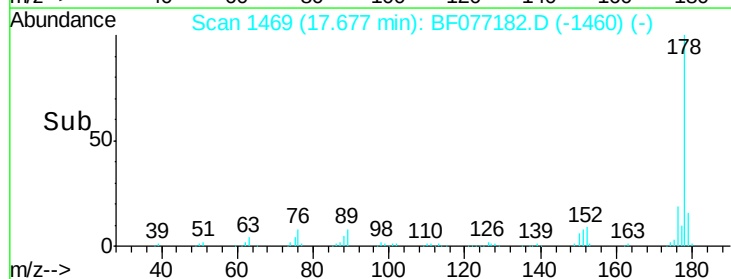
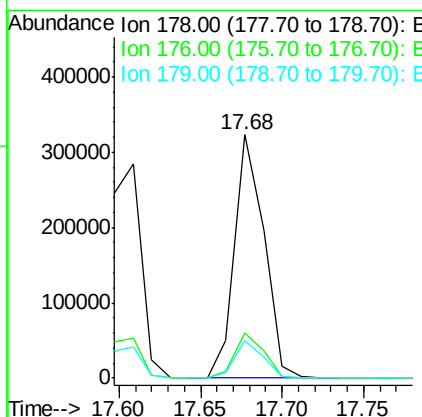
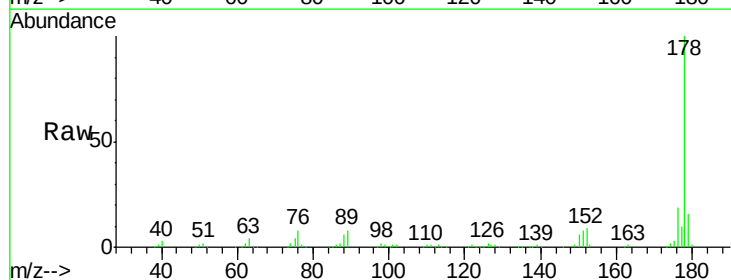
Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

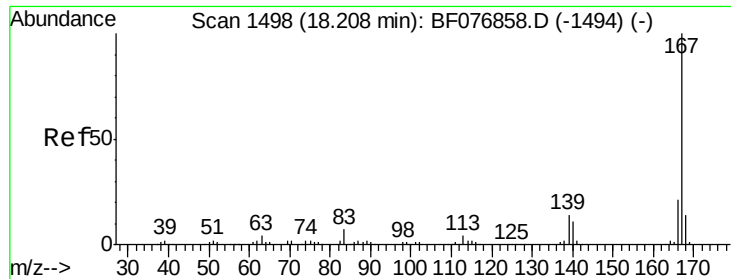
Tot Ion:178 Resp: 399863
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 14.8 12.7 19.1



#71
 Anthracene
 Concen: 40.09 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:178 Resp: 402961
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 11.9 17.9





#72

Carbazole

Concen: 41.11 ng

RT: 17.97 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

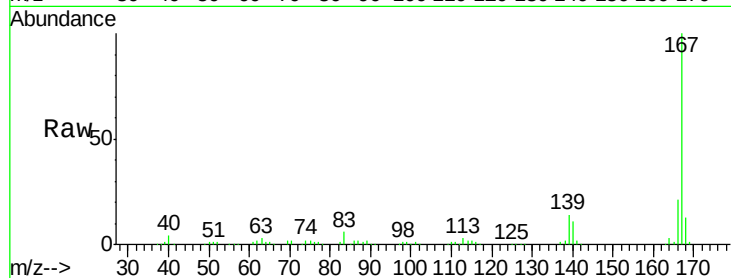
Tot Ion:167 Resp: 400823

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

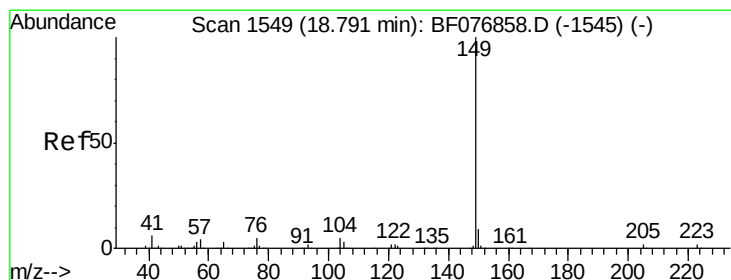
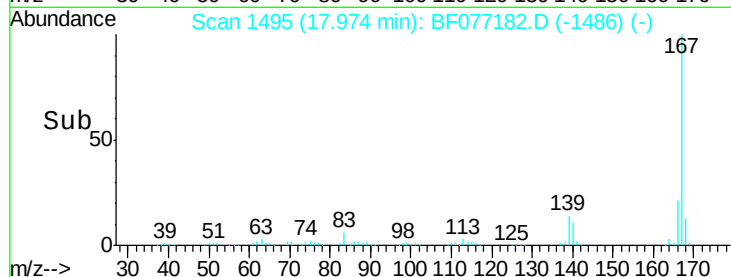
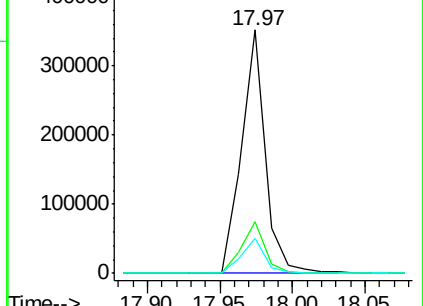
139 14.4 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 18.57 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

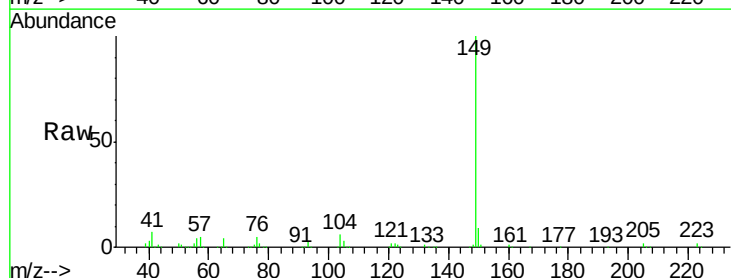
Tgt Ion:149 Resp: 470922

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

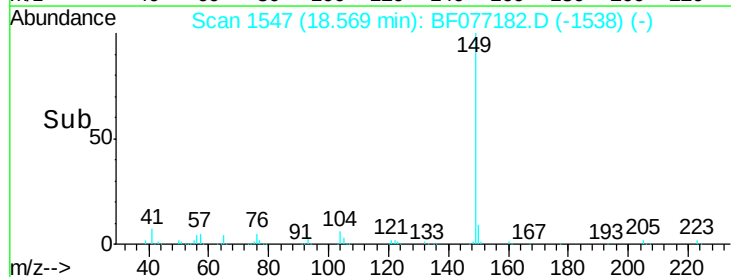
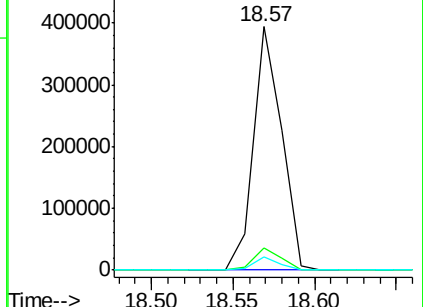
104 5.6 3.7 5.5#

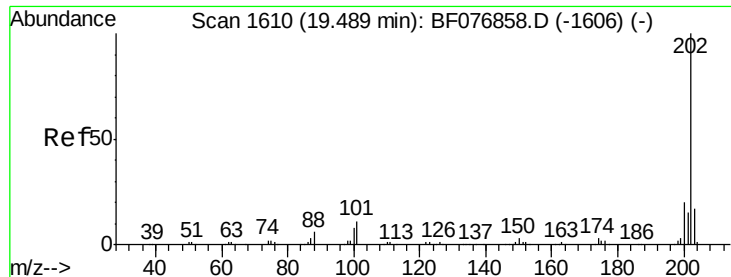


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

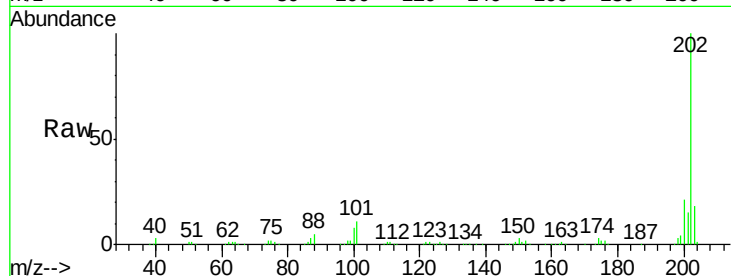




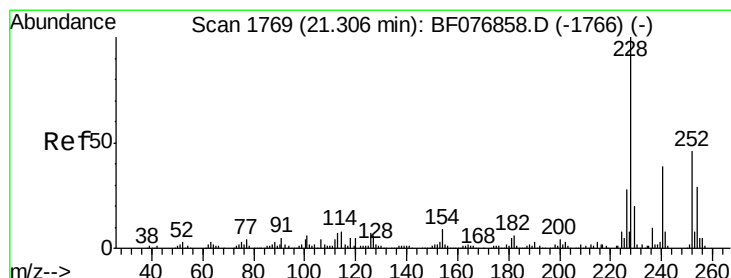
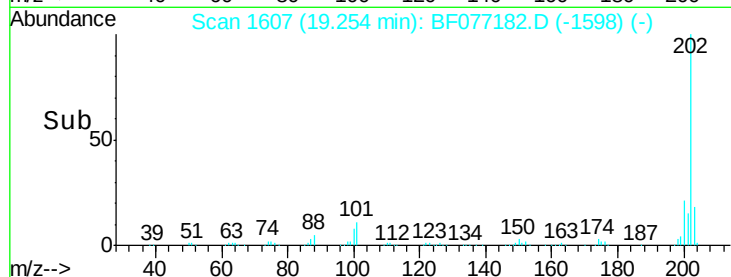
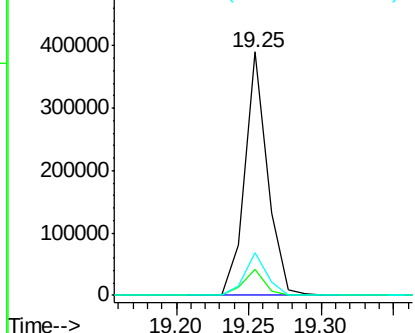
#74
 Fluoranthene
 Concen: 39.92 ng
 RT: 19.25 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	17.8	0.0	36.9

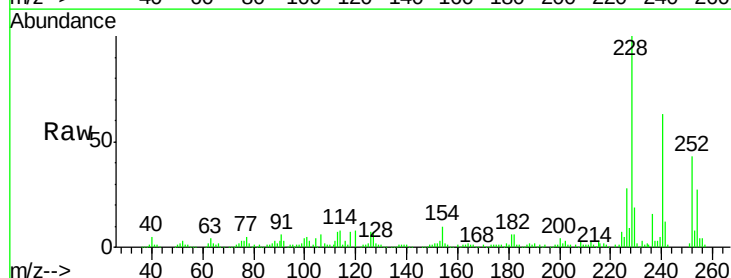


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

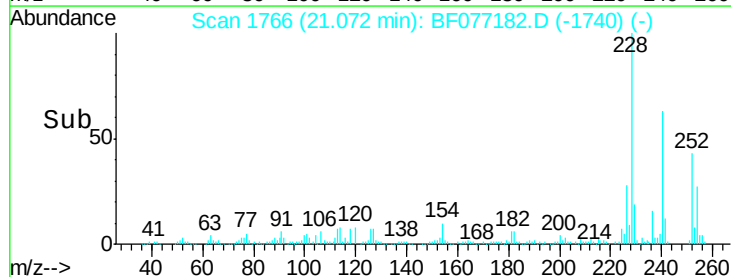
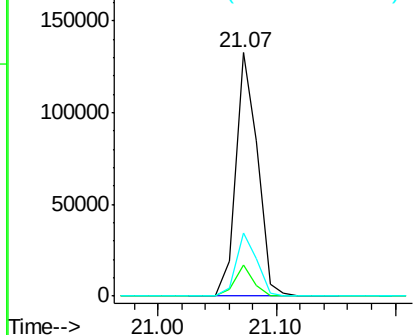


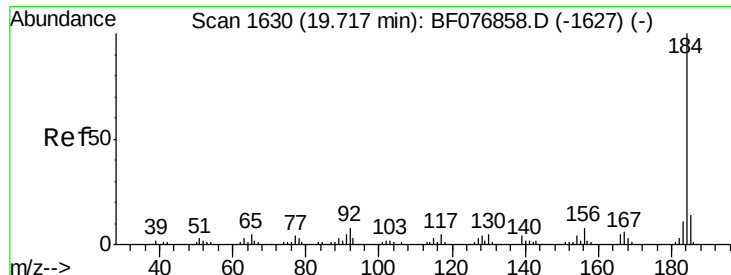
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.4	15.6
236	26.1	20.2	30.2



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

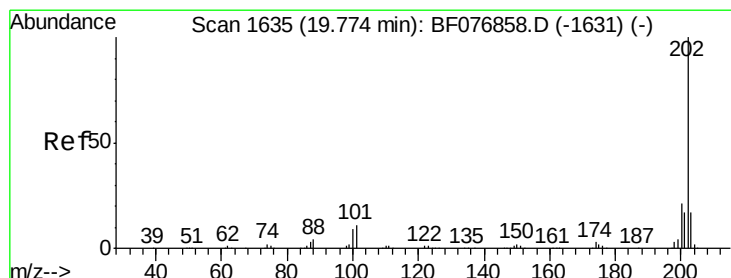
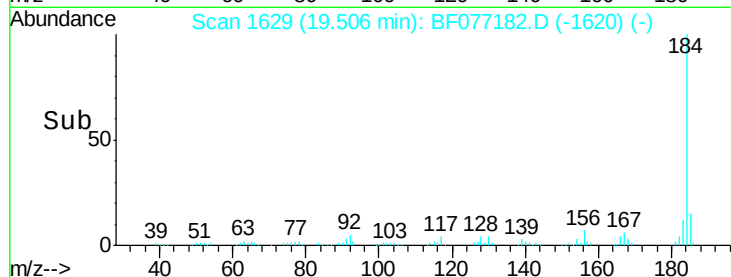
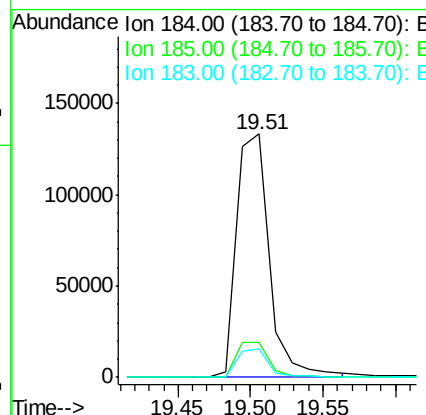
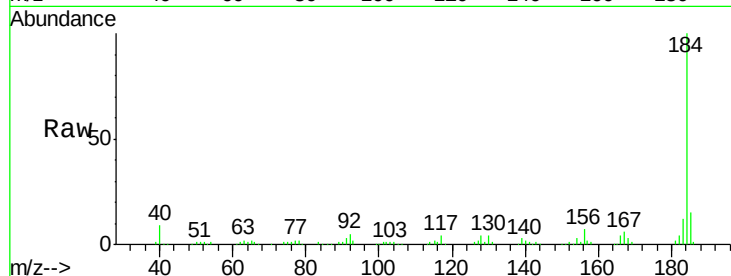




#76
Benzidine
Concen: 38.92 ng
RT: 19.51 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

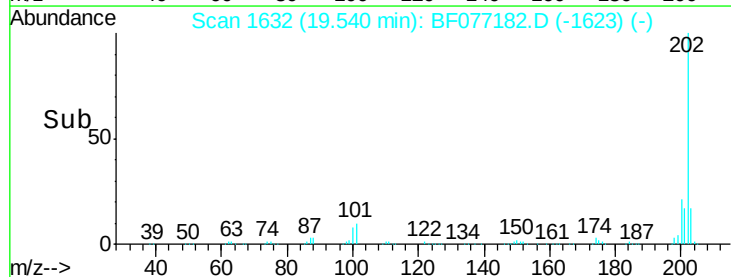
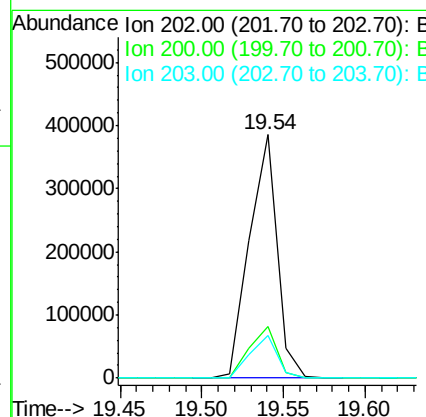
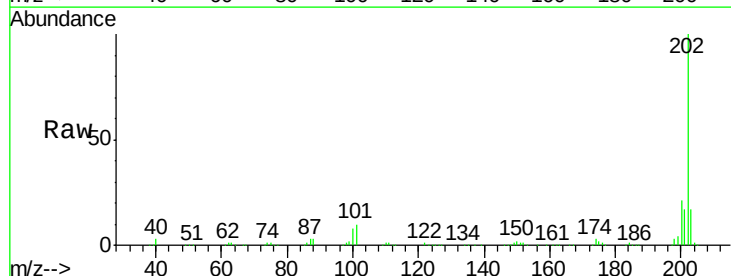
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

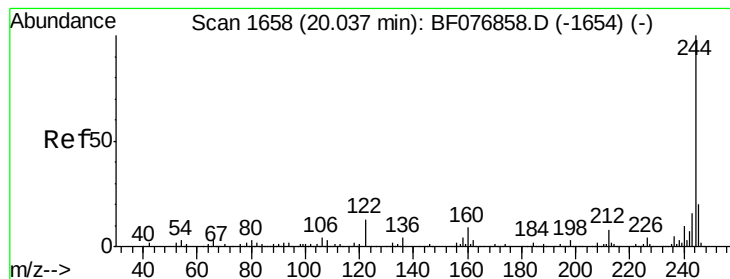
Tot Ion:184 Resp: 209569
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.5 9.0 13.6



#77
Pyrene
Concen: 39.43 ng
RT: 19.54 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:202 Resp: 454687
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.5 14.0 21.0





#78

Terphenyl-d14

Concen: 76.97 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

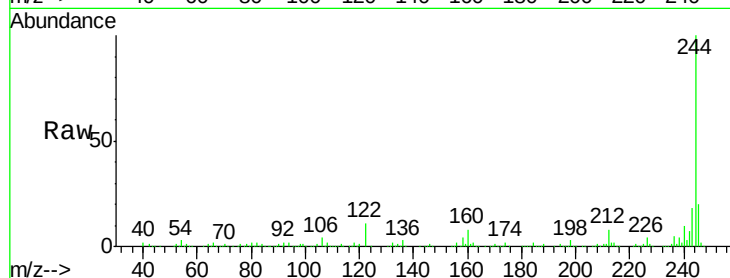
Tot Ion:244 Resp: 562624

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

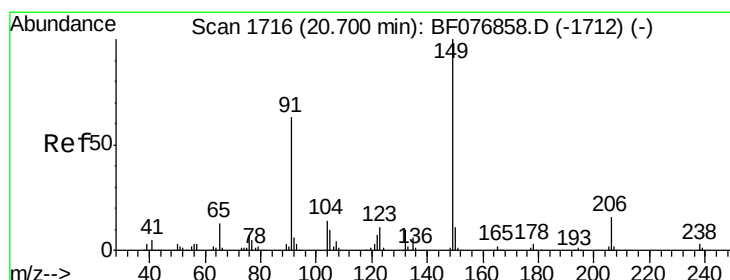
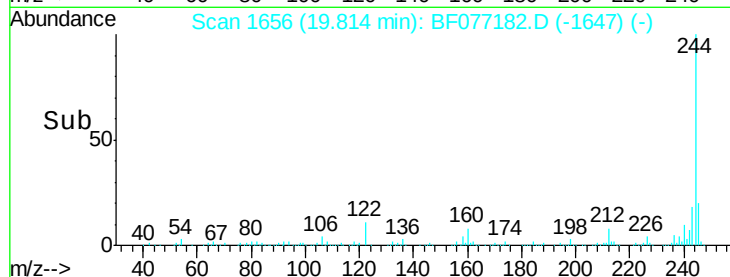
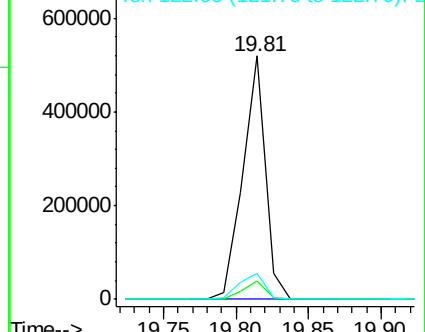
122 10.8 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.19 ng

RT: 20.48 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

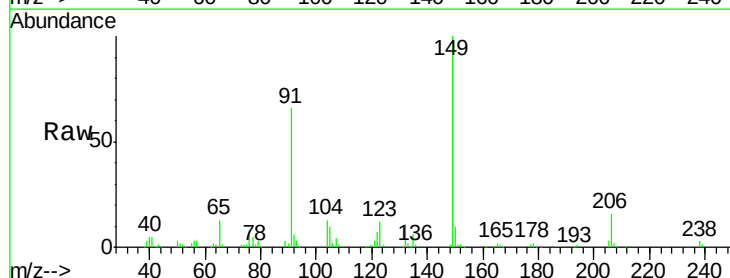
Tgt Ion:149 Resp: 225553

Ion Ratio Lower Upper

149 100

91 66.5 50.6 76.0

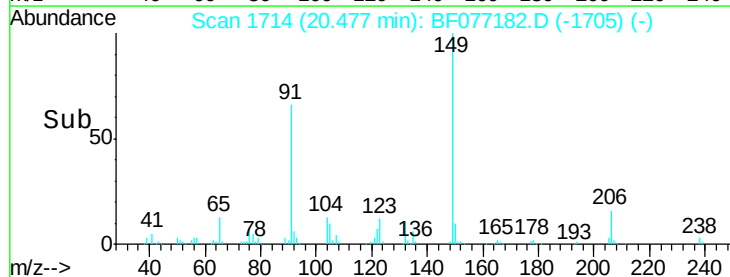
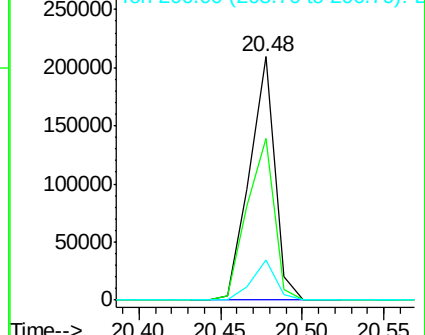
206 16.4 12.8 19.2

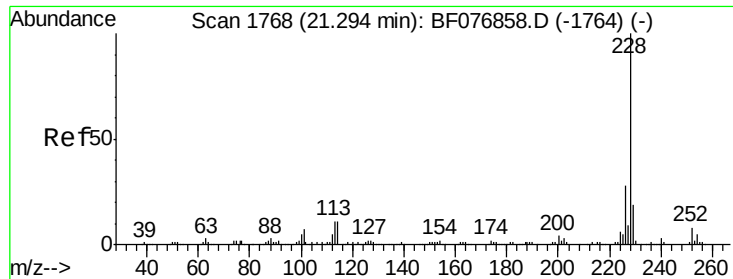


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

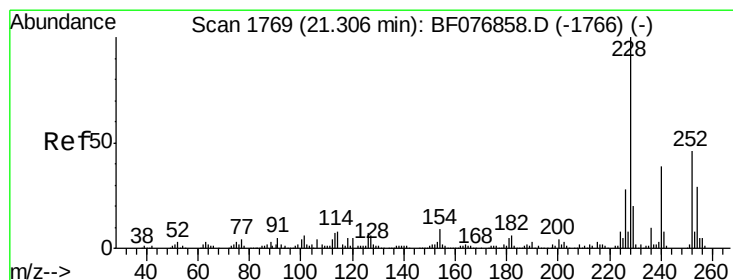
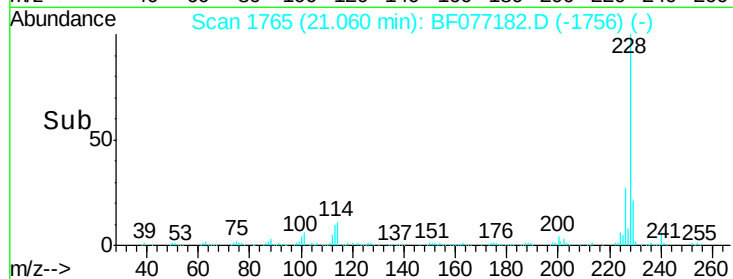
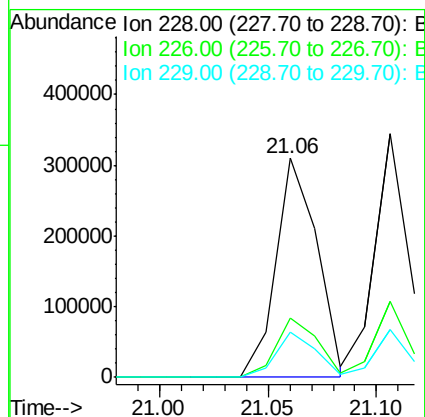
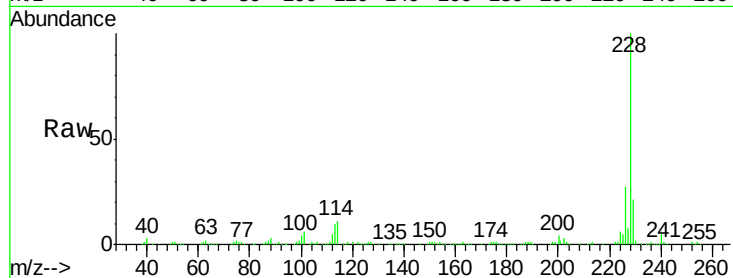




#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

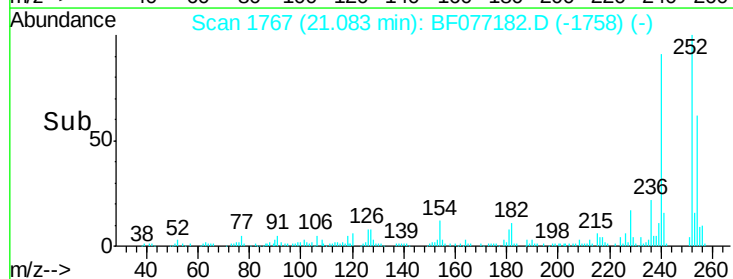
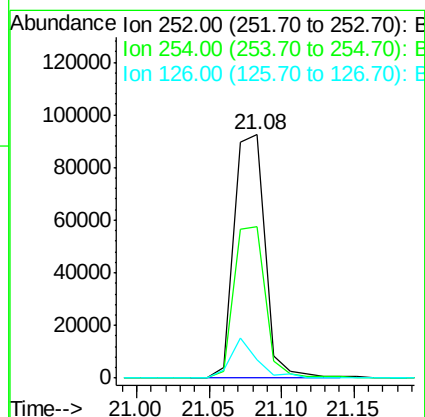
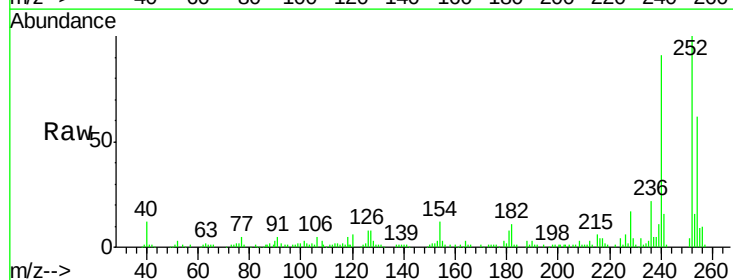
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

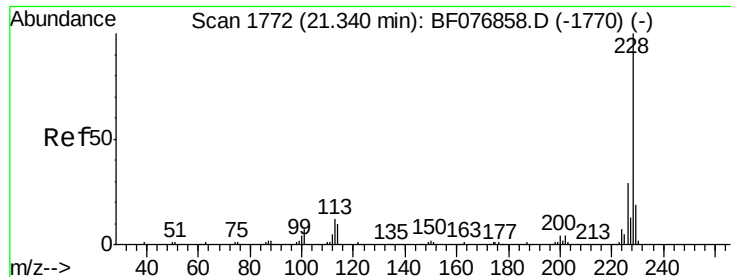
Tot Ion:228 Resp: 411711
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.7 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 40.97 ng
RT: 21.08 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:252 Resp: 137468
Ion Ratio Lower Upper
252 100
254 62.4 50.2 75.4
126 7.7 11.5 17.3#





#82

Chrysene

Concen: 38.49 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

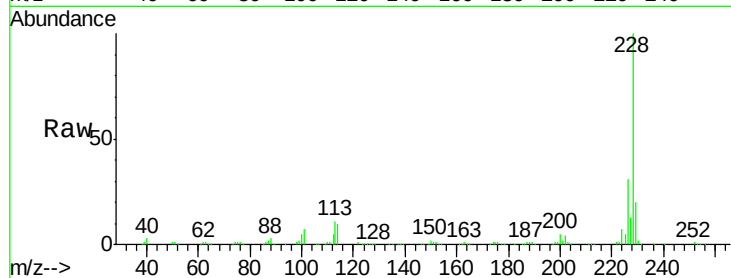
Tot Ion:228 Resp: 370530

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

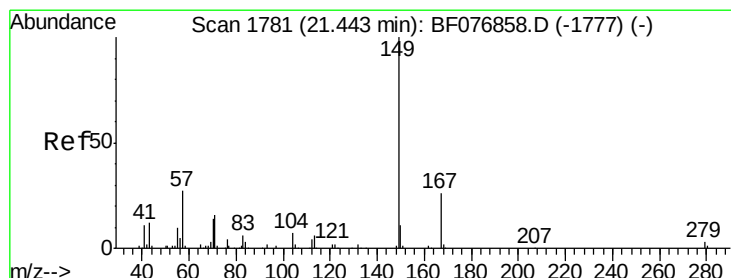
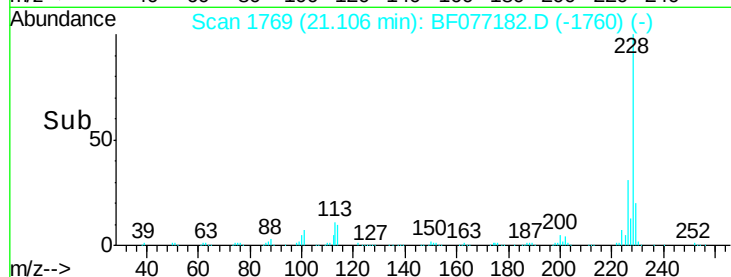
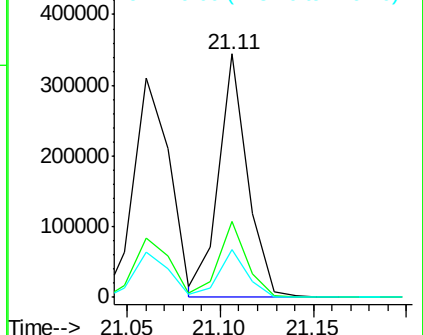
229 19.8 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.17 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

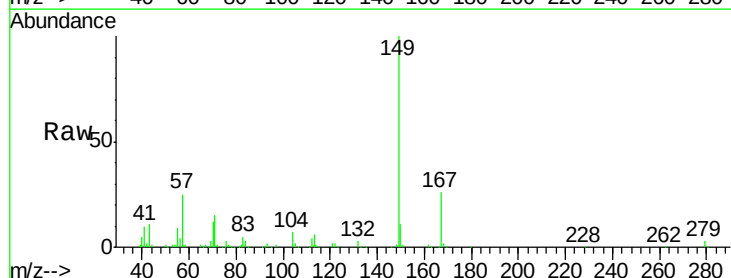
Tgt Ion:149 Resp: 319188

Ion Ratio Lower Upper

149 100

167 25.8 20.6 30.8

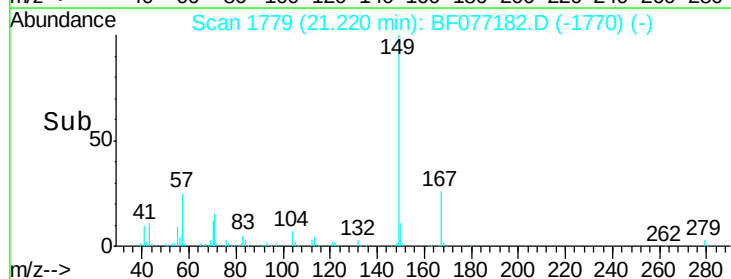
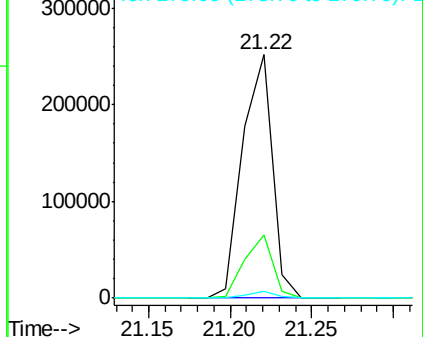
279 2.8 2.2 3.2

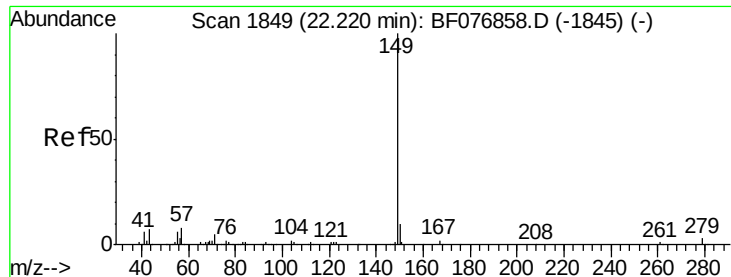


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.51 ng

RT: 21.97 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

LabSampleId :

SSTDCCC040

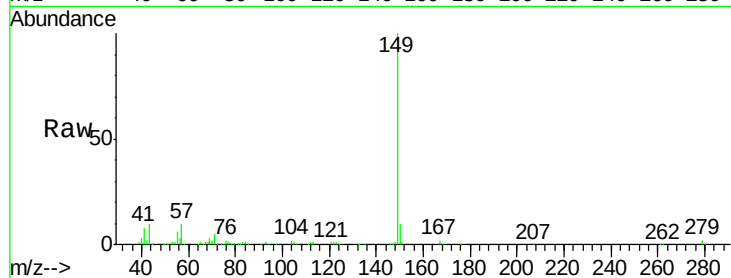
Tot Ion:149 Resp: 570802

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

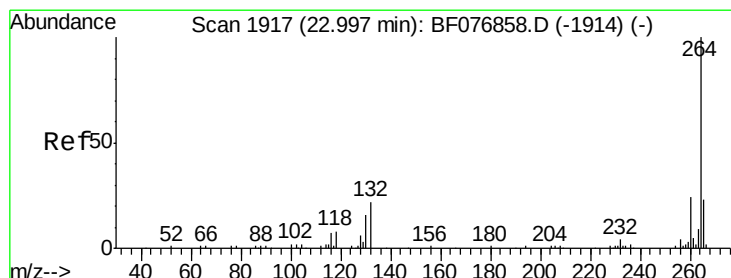
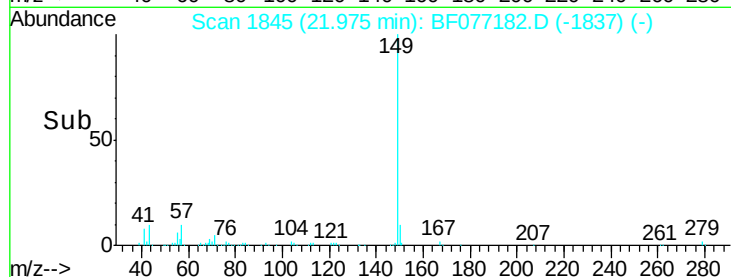
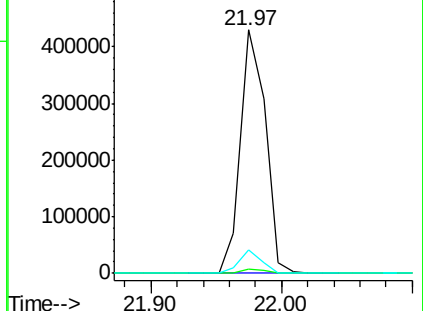
43 8.7 6.6 10.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.71 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

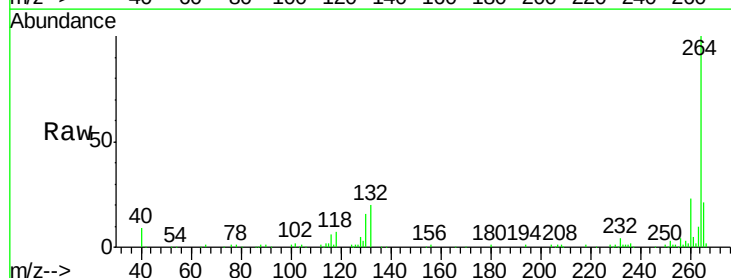
Tgt Ion:264 Resp: 154123

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

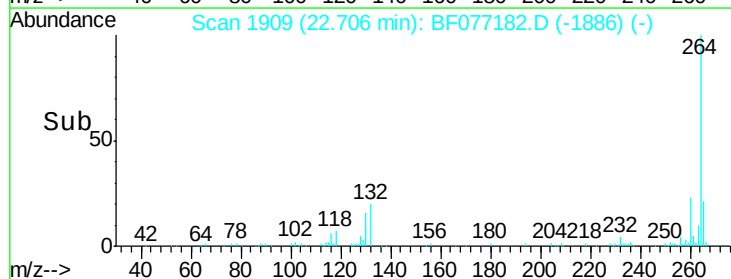
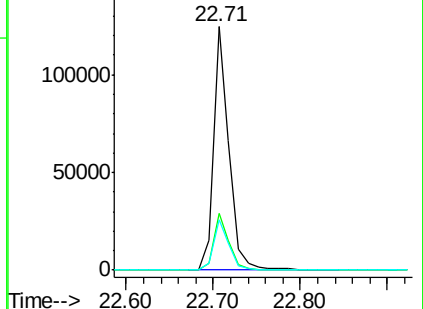
265 20.8 18.1 27.1

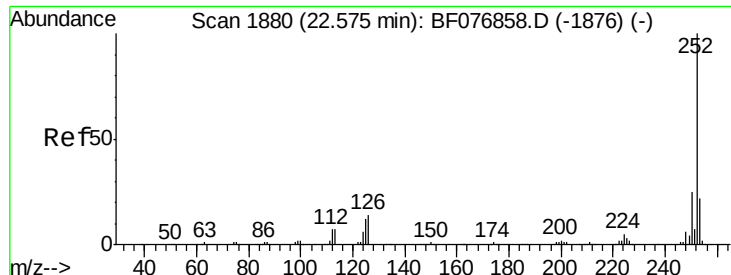


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

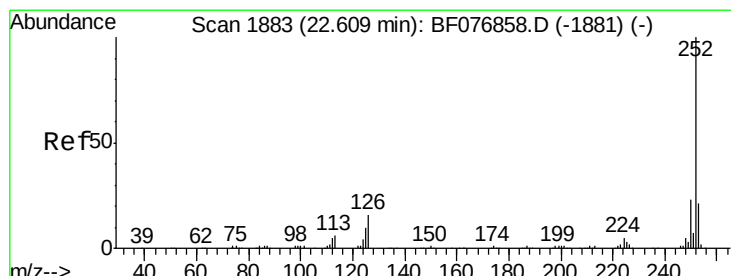
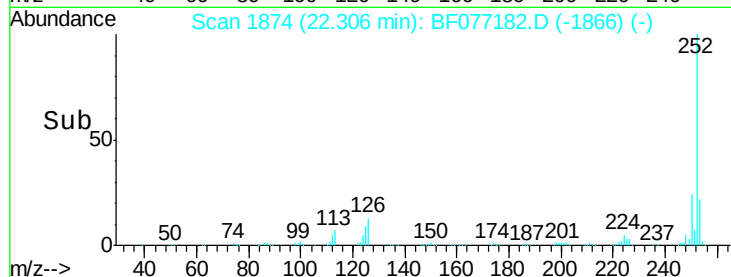
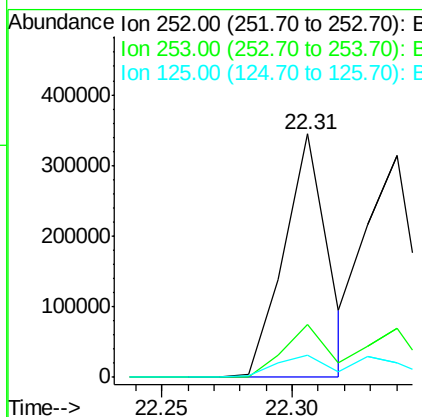
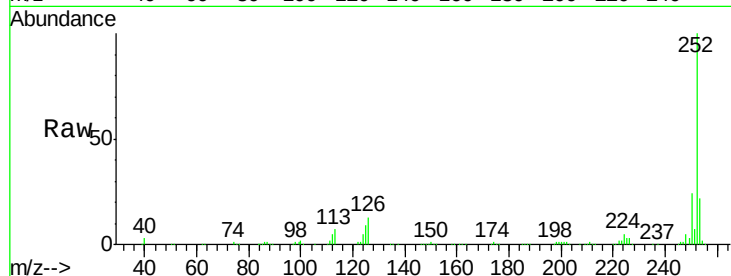




#87
Benzo(b)fluoranthene
Concen: 38.48 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

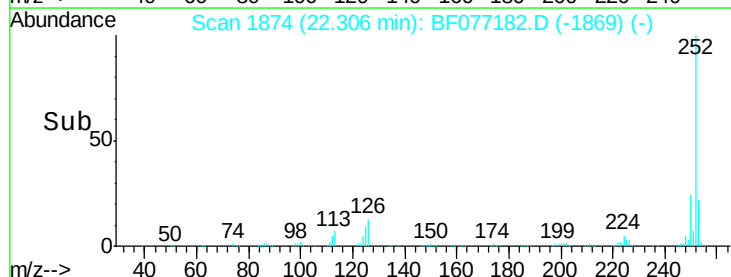
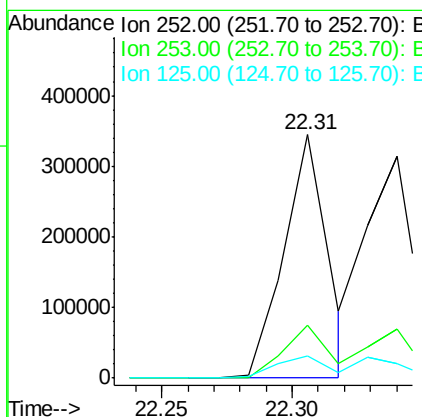
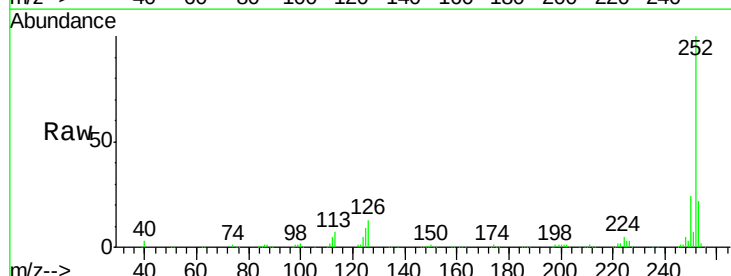
Instrument :
BNA_F
LabSampleId :
SSTDCCC040

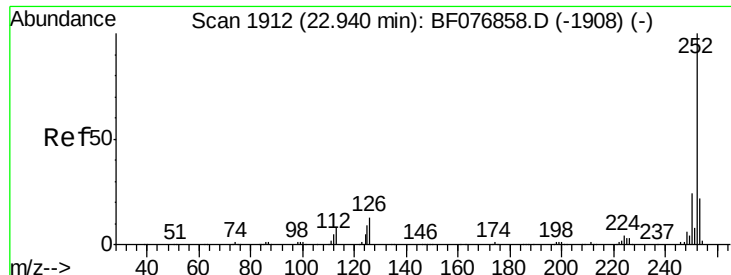
Tot Ion:252 Resp: 399446
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 44.04 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:252 Resp: 399446
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.3 7.1 10.7

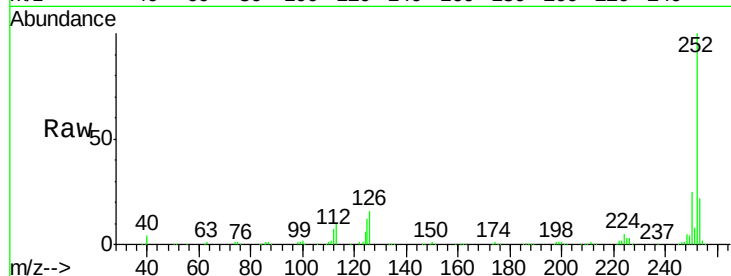




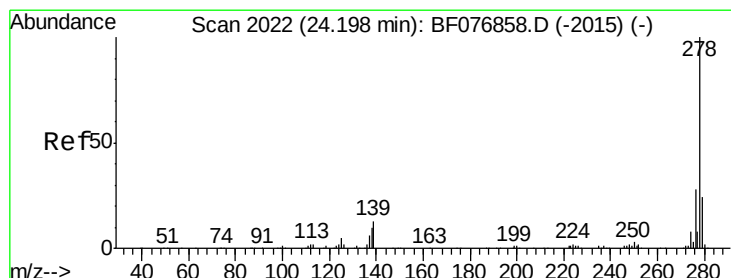
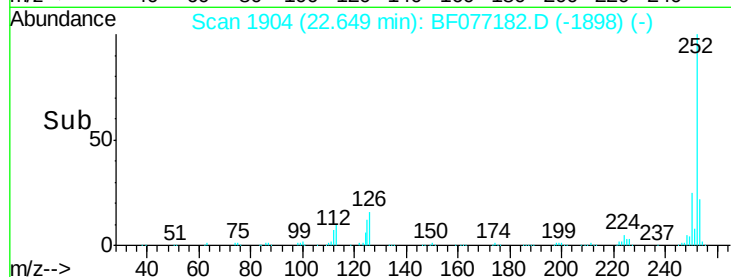
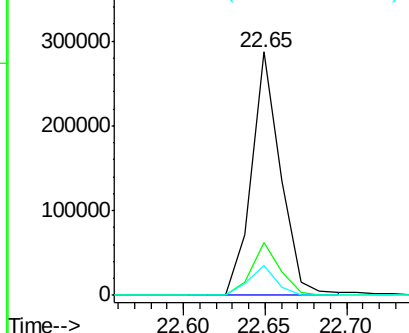
#89
Benzo(a)pyrene
Concen: 38.78 ng
RT: 22.65 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Tot Ion:252 Resp: 355060
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.3 7.2 10.8#

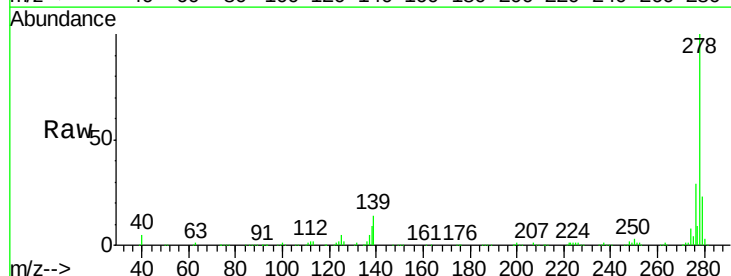


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

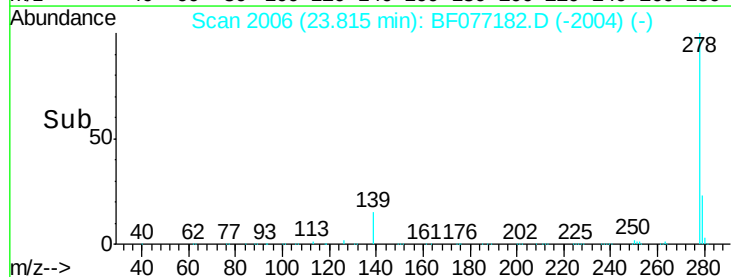
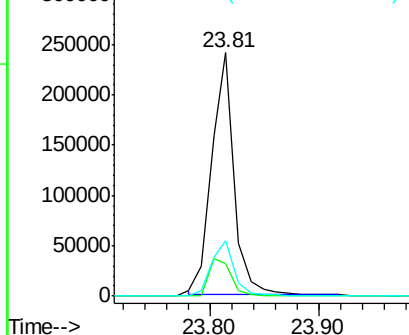


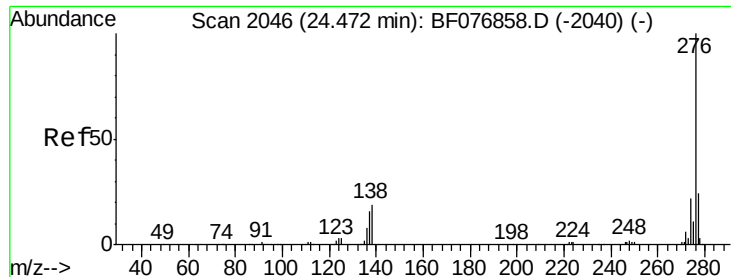
#90
Dibenzo(a,h)anthracene
Concen: 41.18 ng
RT: 23.81 min Scan# 2006
Delta R.T. -0.08 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:278 Resp: 345977
Ion Ratio Lower Upper
278 100
139 13.5 10.5 15.7
279 22.5 19.3 28.9



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

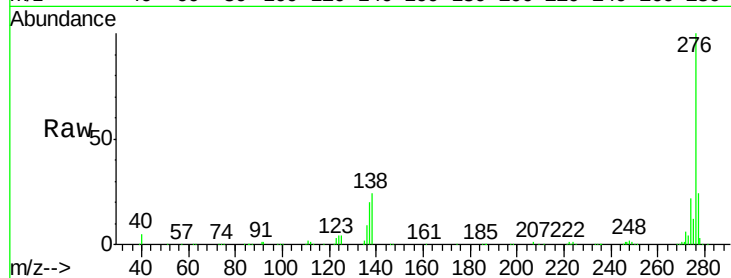




#91
 Benzo(a,h,i)perylene
 Concen: 42.15 ng
 RT: 24.05 min Scan# 2027
 Delta R.T. -0.08 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	23.8	15.0	22.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

