

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079377.D
 Acq On : 20 May 2015 10:14
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 20 12:52:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	121748	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	494499	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	241647	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	460573	20.00	ng	0.00
75) Chrysene-d12	16.03	240	475850	20.00	ng	0.01
86) Perylene-d12	17.85	264	507833	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	516386m	73.01	ng	0.00
7) Phenol-d6	6.71	99	659058	70.50	ng	0.00
23) Nitrobenzene-d5	7.83	82	653739	75.98	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	196887	75.32	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	1109399	63.96	ng	0.00
78) Terphenyl-d14	14.72	244	1309415	65.88	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	110919m	36.07	ng	
3) Pyridine	2.66	79	290666m	32.30	ng	
4) n-Nitrosodimethylamine	2.60	42	138469m	35.91	ng	
6) Aniline	6.72	93	459128	34.79	ng	# 76
8) 2-Chlorophenol	6.87	128	308387	38.44	ng	83
9) Benzaldehyde	6.58	77	211118	33.52	ng	92
10) Phenol	6.73	94	392611	36.20	ng	87
11) bis(2-Chloroethyl)ether	6.83	93	282801	35.57	ng	97
12) 1,3-Dichlorobenzene	7.05	146	327833	36.36	ng	# 94
13) 1,4-Dichlorobenzene	7.15	146	345866	37.27	ng	98
14) 1,2-Dichlorobenzene	7.34	146	321727	37.24	ng	99
15) Benzyl Alcohol	7.32	79	241476	34.79	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.50	45	424585	34.91	ng	97
17) 2-Methylphenol	7.47	107	246197	38.14	ng	96
18) Hexachloroethane	7.75	117	109231	34.18	ng	91
19) n-Nitroso-di-n-propylamine	7.66	70	219588	34.77	ng	98
20) 3+4-Methylphenols	7.67	107	312931	36.38	ng	# 45
22) Acetophenone	7.64	105	411630	36.84	ng	# 89
24) Nitrobenzene	7.85	77	303190	35.55	ng	94
25) Isophorone	8.16	82	615974	38.62	ng	98
26) 2-Nitrophenol	8.24	139	151988	43.06	ng	# 82
27) 2,4-Dimethylphenol	8.32	122	284848	40.33	ng	98
28) bis(2-Chloroethoxy)methane	8.43	93	370967	37.72	ng	99
29) 2,4-Dichlorophenol	8.55	162	260222	41.43	ng	90
30) 1,2,4-Trichlorobenzene	8.64	180	256442	37.17	ng	98
31) Naphthalene	8.73	128	849613	36.06	ng	99
32) Benzoic acid	8.47	122	147074	35.18	ng	98
33) 4-Chloroaniline	8.81	127	373550	37.47	ng	97
34) Hexachlorobutadiene	8.89	225	153688	38.68	ng	99
35) Caprolactam	9.27	113	84847	41.77	ng	99
36) 4-Chloro-3-methylphenol	9.43	107	258461	39.18	ng	92
37) 2-Methylnaphthalene	9.60	142	619667	37.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.80	216	254335	37.37	ng	98
40) Hexachlorocyclopentadiene	9.78	237	23614	6.90	ng	98

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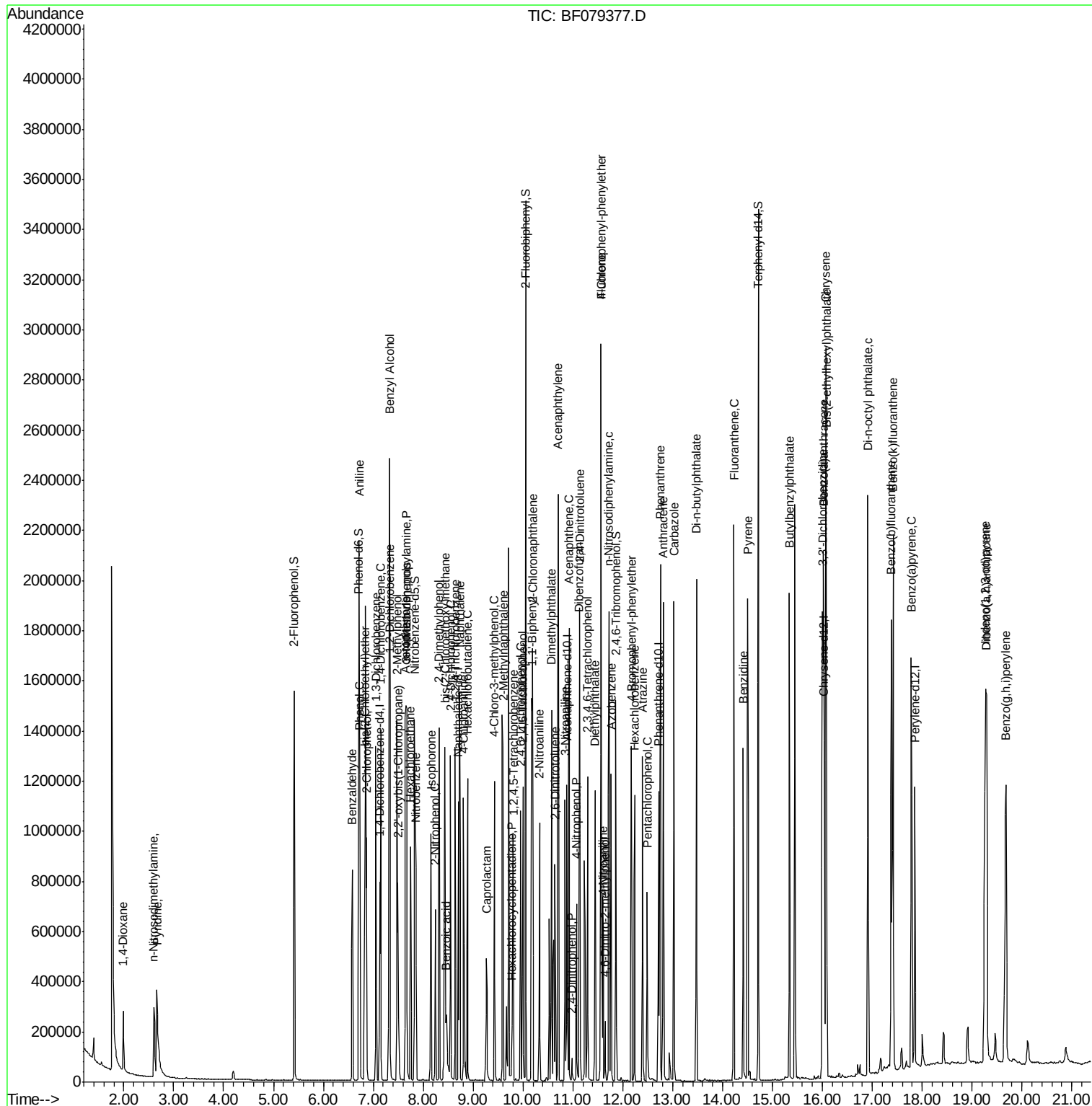
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.95	196	186955	39.96	nq	99
43) 2,4,5-Trichlorophenol	10.00	196	189171	39.99	nq	# 95
45) 1,1'-Biphenyl	10.18	154	701612	36.52	nq	99
46) 2-Chloronaphthalene	10.19	162	532761	35.55	nq	98
47) 2-Nitroaniline	10.33	65	171161	39.42	nq	# 80
48) Acenaphthylene	10.71	152	910211	37.00	nq	100
49) Dimethylphthalate	10.57	163	638175	35.98	nq	100
50) 2,6-Dinitrotoluene	10.64	165	133699	38.20	nq	# 42
51) Acenaphthene	10.93	154	528248	36.00	nq	99
52) 3-Nitroaniline	10.85	138	176060	40.27	nq	93
53) 2,4-Dinitrophenol	10.98	184	12277	17.73	nq	# 75
54) Dibenzofuran	11.13	168	762010	35.96	nq	97
55) 4-Nitrophenol	11.07	139	127657	36.89	nq	# 76
56) 2,4-Dinitrotoluene	11.14	165	177212	38.30	nq	# 88
57) Fluorene	11.57	166	625748	35.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.29	232	141721	36.66	nq	99
59) Diethylphthalate	11.44	149	659392	37.53	nq	98
60) 4-Chlorophenyl-phenylether	11.57	204	267324	34.64	nq	91
61) 4-Nitroaniline	11.61	138	198008	45.27	nq	81
62) Azobenzene	11.77	77	629054	36.33	nq	89
64) 4,6-Dinitro-2-methylphenol	11.65	198	28472	19.74	nq	# 57
65) n-Nitrosodiphenylamine	11.73	169	585606	38.18	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	174370	36.32	nq	95
67) Hexachlorobenzene	12.24	284	204554	37.28	nq	# 73
68) Atrazine	12.40	200	154840	34.71	nq	98
69) Pentachlorophenol	12.49	266	107634	37.50	nq	99
70) Phenanthrene	12.75	178	953153	36.99	nq	99
71) Anthracene	12.81	178	920808	36.43	nq	99
72) Carbazole	13.03	167	930119	38.61	nq	100
73) Di-n-butylphthalate	13.47	149	1105191	38.25	nq	97
74) Fluoranthene	14.23	202	1000314	37.26	nq	96
76) Benzidine	14.41	184	553744	43.18	nq	98
77) Pyrene	14.50	202	1020922	37.23	nq	99
79) Butylbenzylphthalate	15.34	149	529718	44.19	nq	94
80) Benzo(a)anthracene	16.02	228	1006391	38.62	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	407032	43.85	nq	97
82) Chrysene	16.07	228	902776	36.02	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	762725	42.01	nq	100
84) Di-n-octyl phthalate	16.91	149	1407771	44.03	nq	97
85) Indeno(1,2,3-cd)pyrene	19.27	276	1220506	38.22	nq	99
87) Benzo(b)fluoranthene	17.38	252	1015635	36.54	nq	100
88) Benzo(k)fluoranthene	17.42	252	981872m	36.49	nq	
89) Benzo(a)pyrene	17.78	252	979721	38.28	nq	# 97
90) Dibenzo(a,h)anthracene	19.29	278	1014801	37.31	nq	99
91) Benzo(g,h,i)perylene	19.68	276	961603	35.27	nq	97

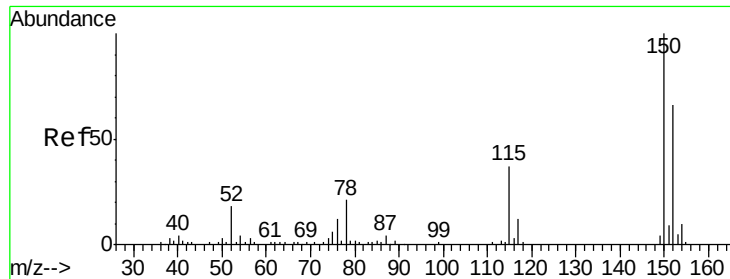
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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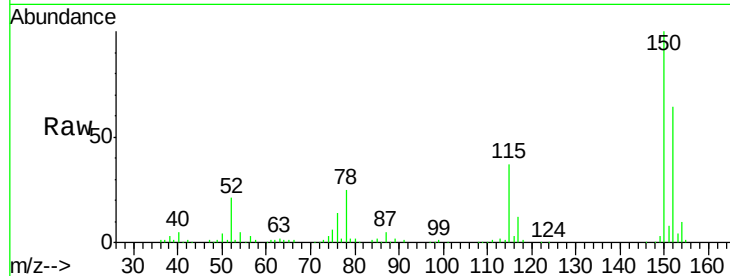




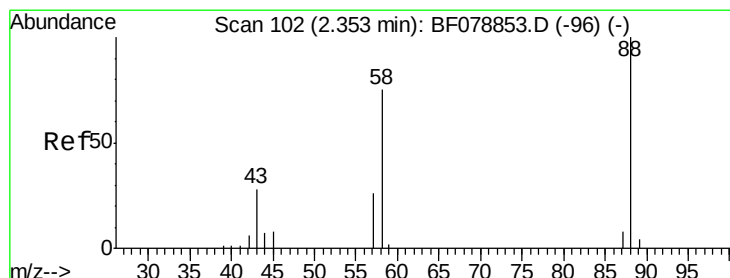
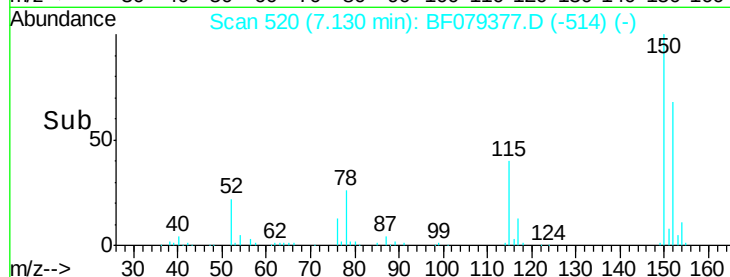
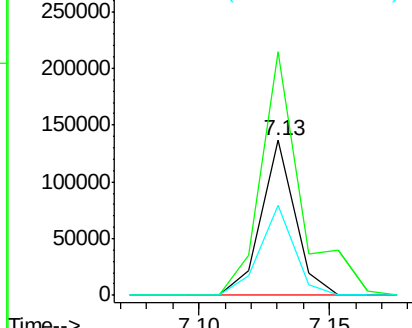
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.8
115	58.5	49.4	74.0

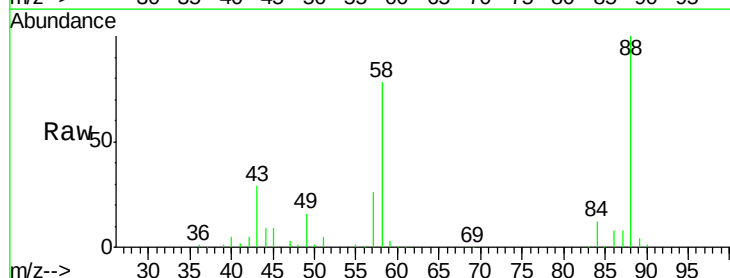


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

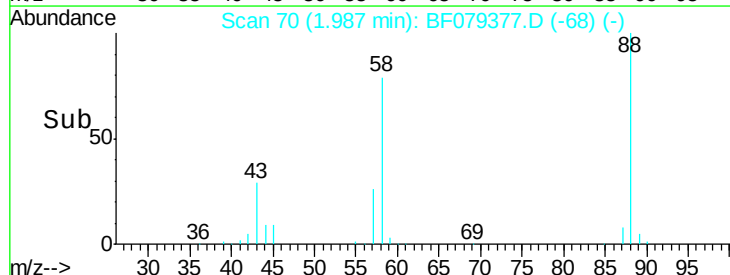
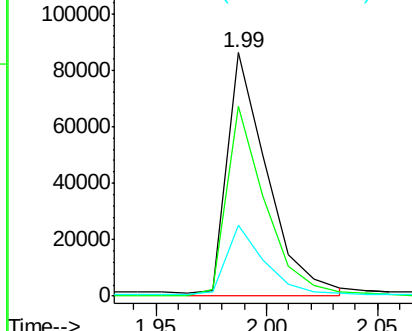


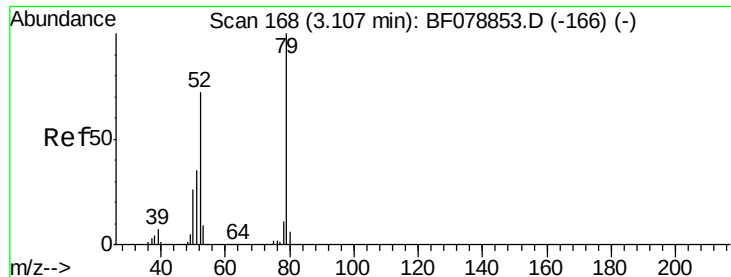
#2
 1,4-Dioxane
 Concen: 36.07 ng m
 RT: 1.99 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#



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





#3

Pvridine

Concen: 32.30 ng/ml

RT: 2.66 min Scan# 129

Delta R.T. -0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

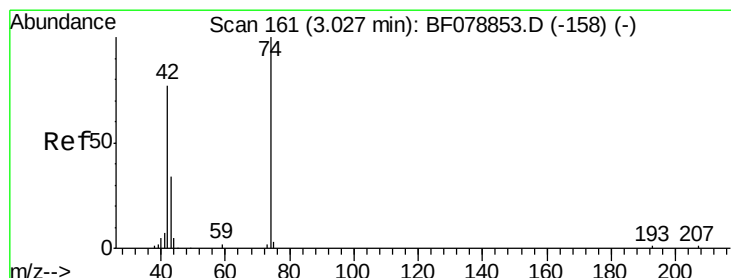
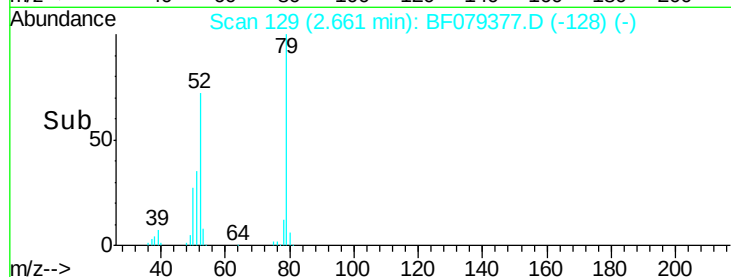
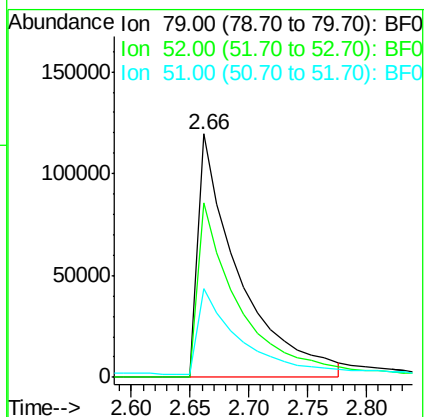
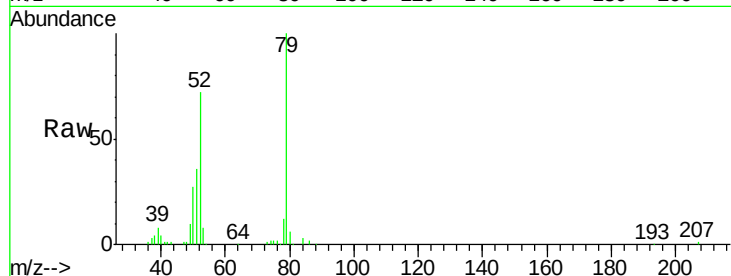
Tot Ion: 79 Resp: 290666

Ion Ratio Lower Upper

79 100

52 71.8 57.6 86.4

51 36.2 28.7 43.1



#4

n-Nitrosodimethylamine

Concen: 35.91 ng/ml

RT: 2.60 min Scan# 124

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

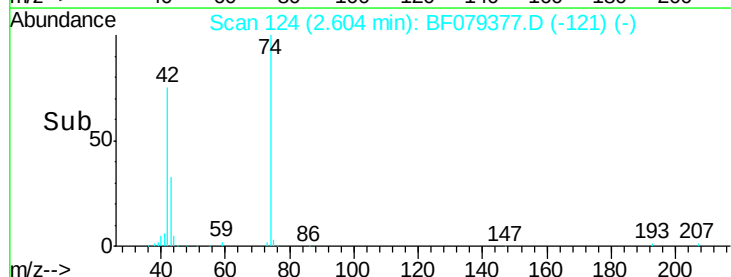
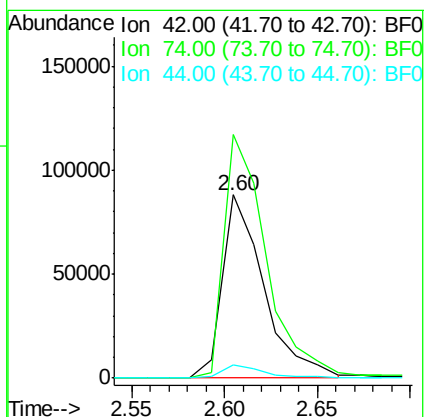
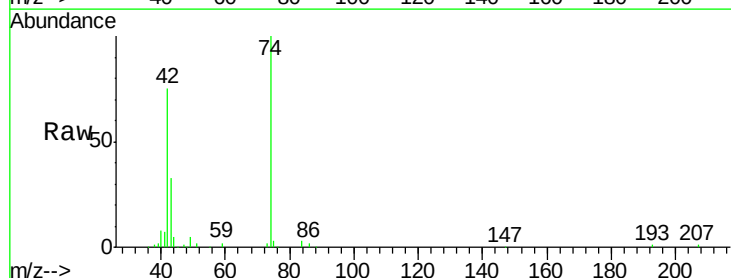
Tgt Ion: 42 Resp: 138469

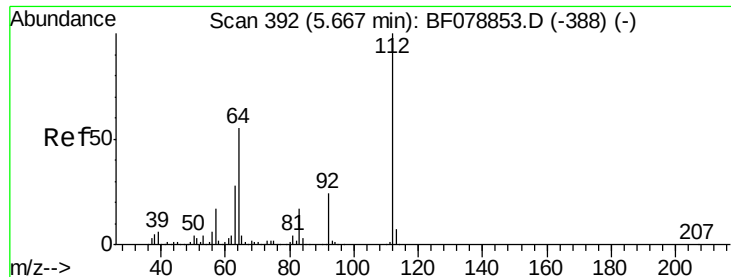
Ion Ratio Lower Upper

42 100

74 133.0 104.4 156.6

44 7.1 6.2 9.2





#5

2-Fluorophenol

Concen: 73.01 ng/mL

RT: 5.42 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

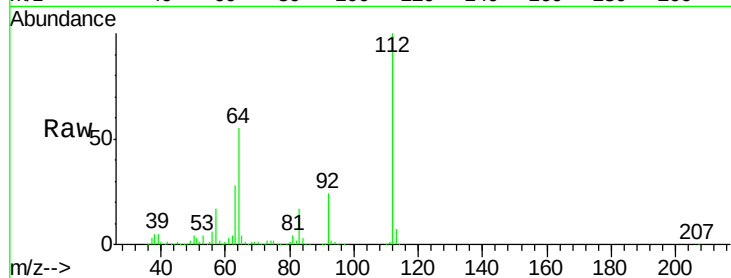
Tot Ion: 112 Resp: 516386

Ion Ratio Lower Upper

112 100

64 54.9 44.2 66.2

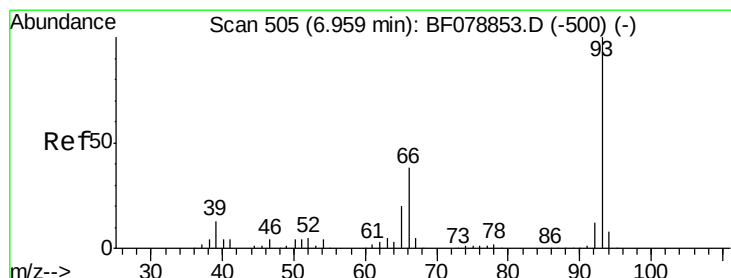
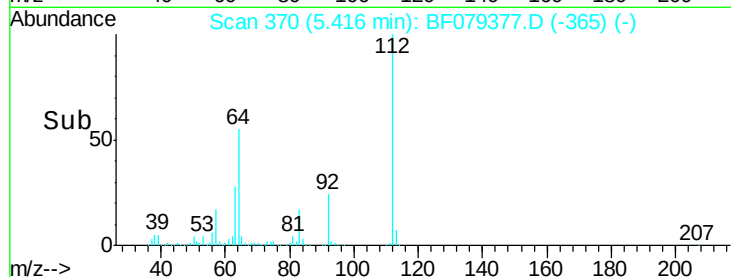
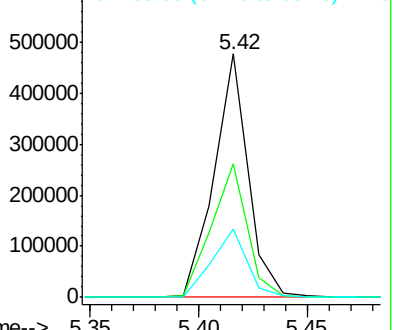
63 27.8 22.7 34.1



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: 34.79 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

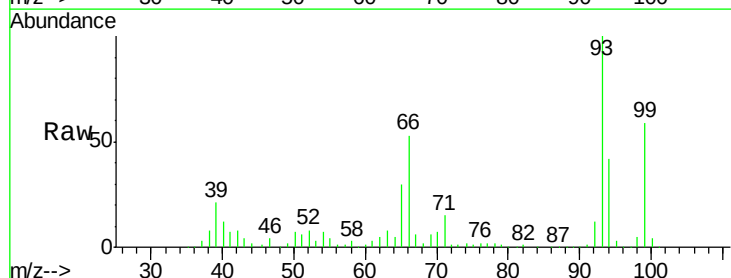
Tgt Ion: 93 Resp: 459128

Ion Ratio Lower Upper

93 100

66 53.3 30.7 46.1#

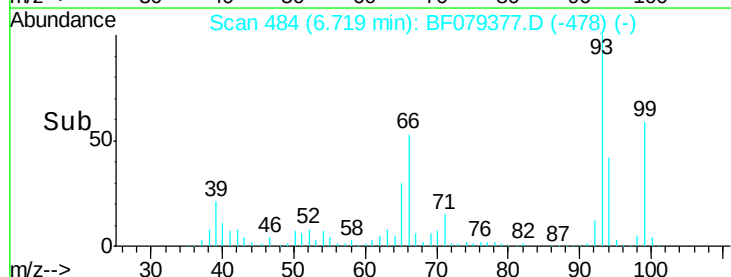
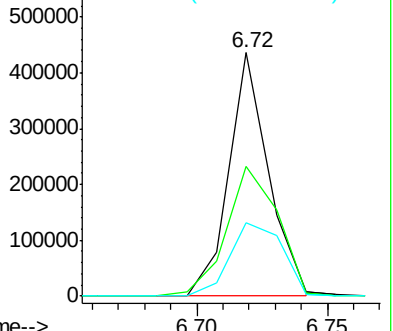
65 29.9 15.8 23.8#

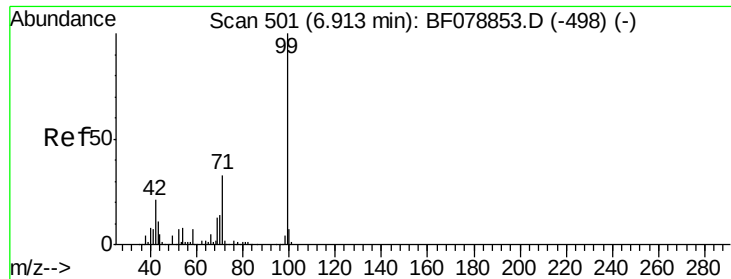


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.50 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

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ClientSampleId :

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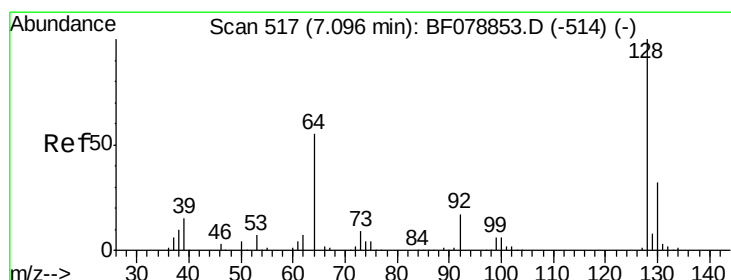
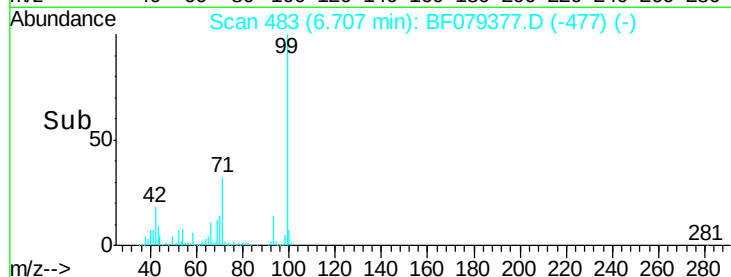
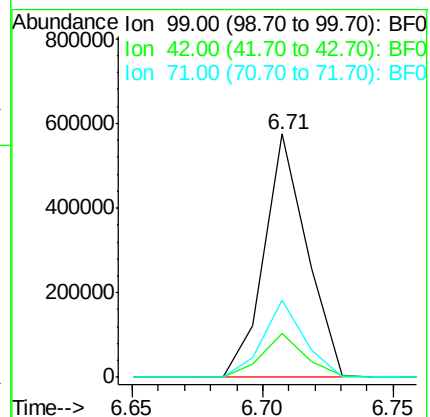
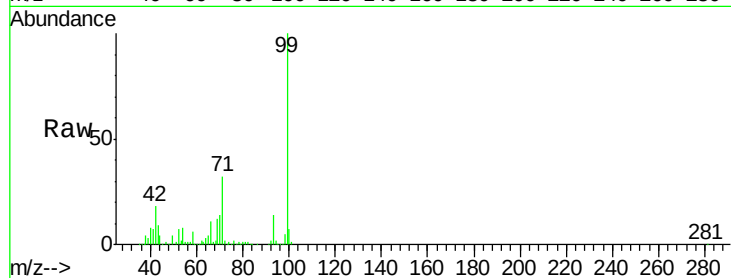
Tot Ion: 99 Resp: 659058

Ion Ratio Lower Upper

99 100

42 17.9 17.1 25.7

71 31.8 26.3 39.5



#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

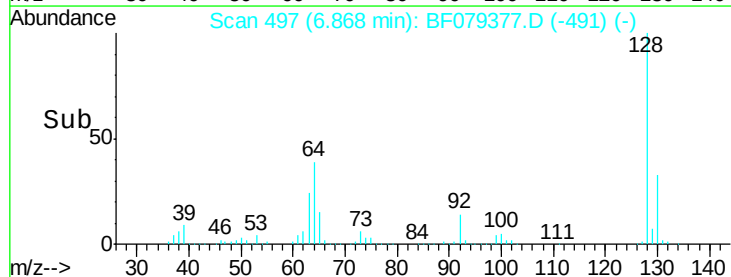
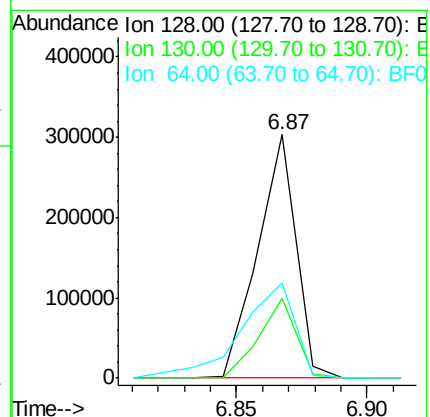
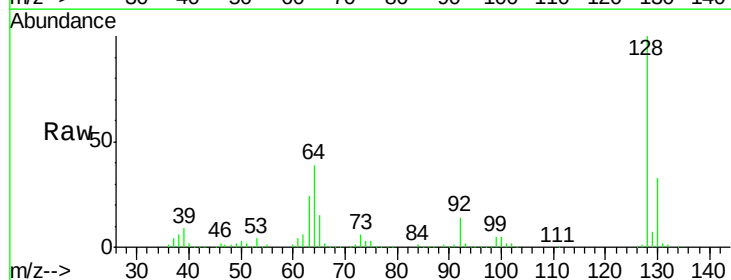
Tgt Ion: 128 Resp: 308387

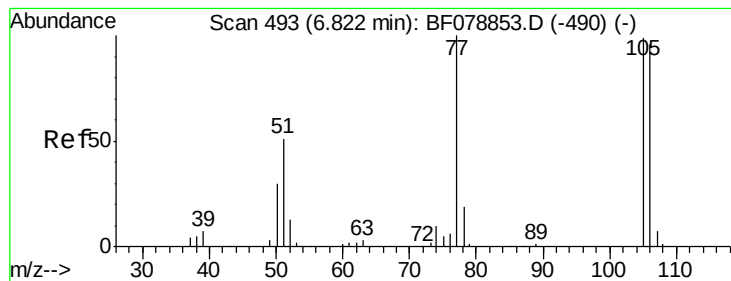
Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

64 39.0 37.8 77.8





#9

Benzaldehyde

Concen: 33.52 ng

RT: 6.58 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

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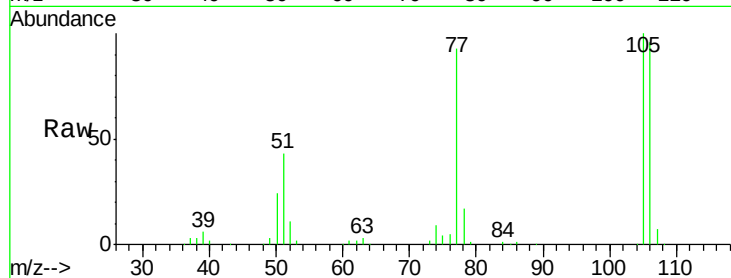
Tot Ion: 77 Resp: 211118

Ion Ratio Lower Upper

77 100

105 107.9 78.9 118.9

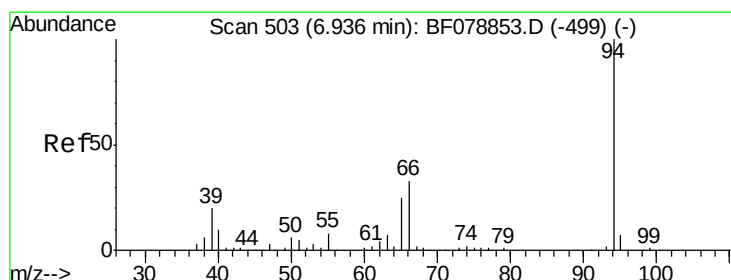
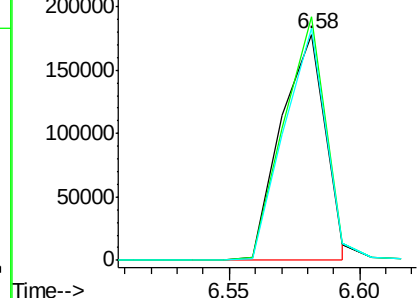
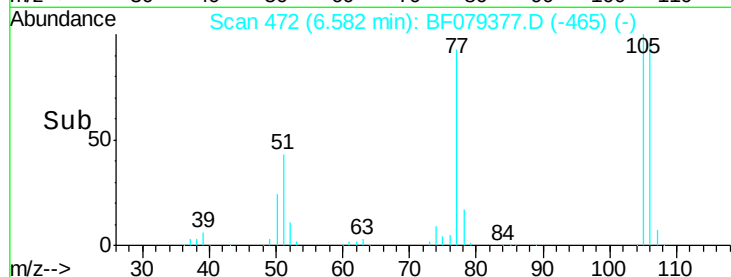
106 103.1 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.20 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

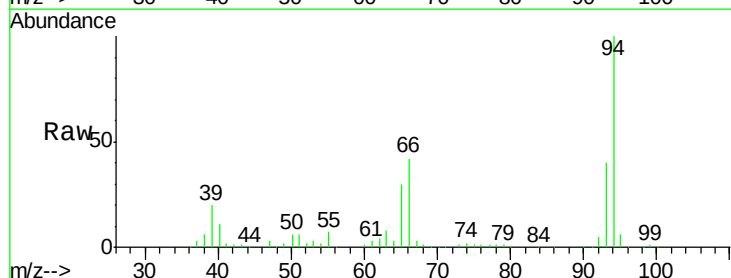
Tgt Ion: 94 Resp: 392611

Ion Ratio Lower Upper

94 100

65 29.7 5.1 45.1

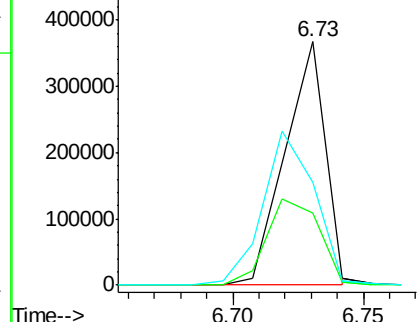
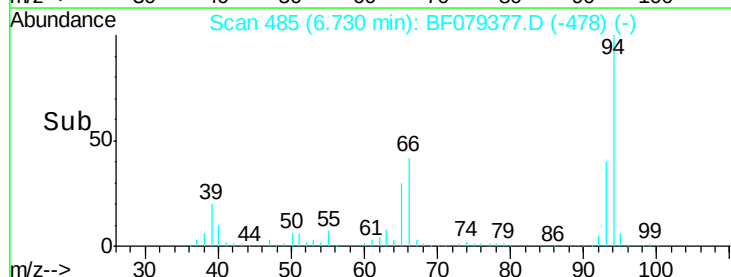
66 42.3 13.1 53.1

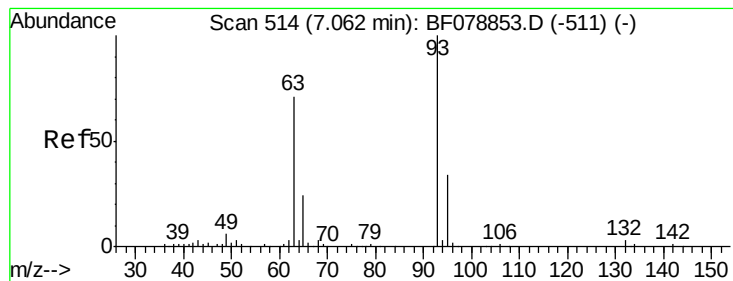


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

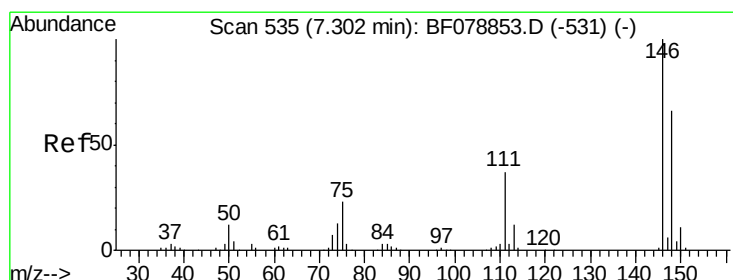
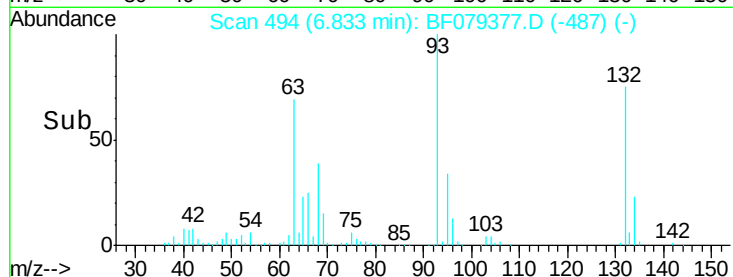
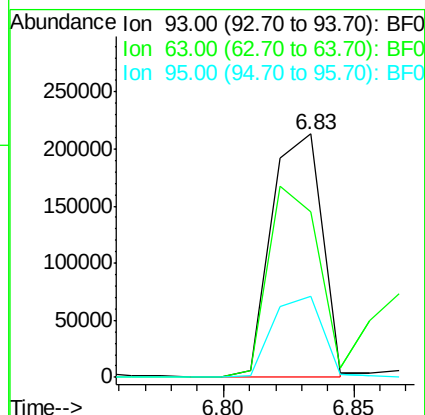
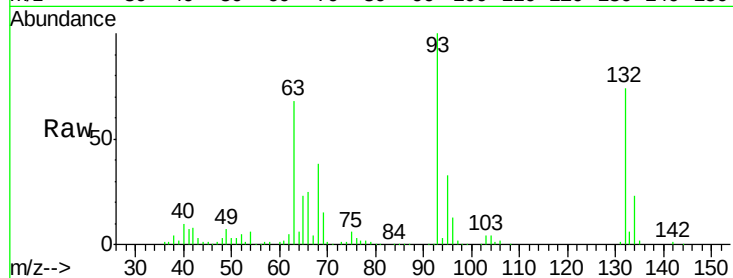




#11
bis(2-Chloroethyl)ether
Concen: 35.57 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

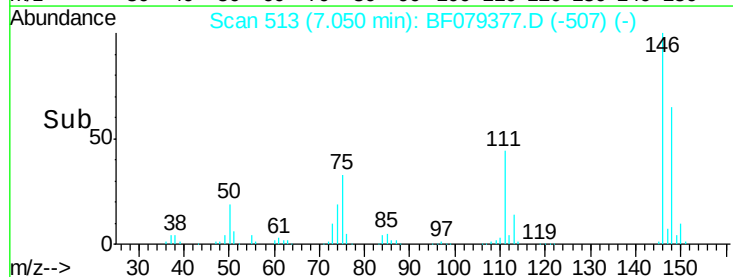
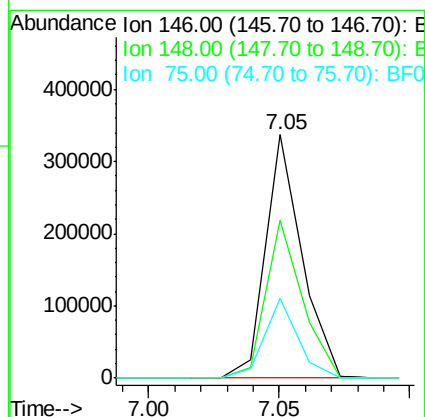
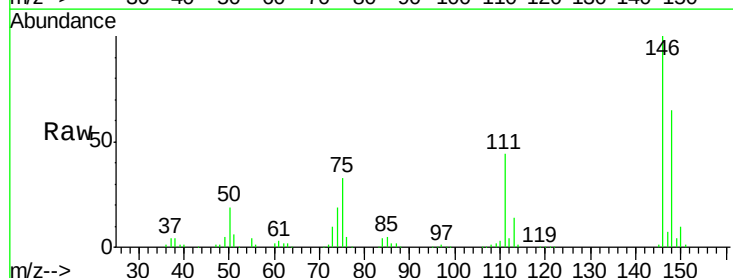
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

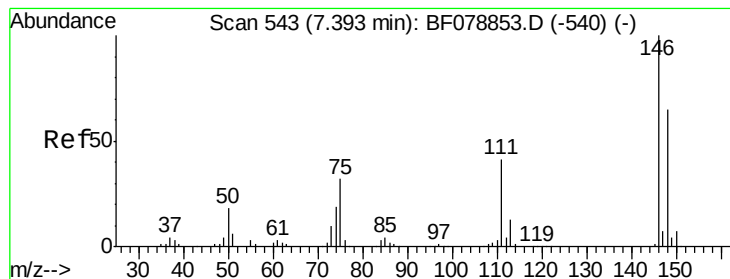
Tot Ion: 93 Resp: 282801
Ion Ratio Lower Upper
93 100
63 67.9 50.8 90.8
95 33.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 36.36 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion: 146 Resp: 327833
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
75 32.7 18.6 27.8#





#13

1,4-Dichlorobenzene

Concen: 37.27 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

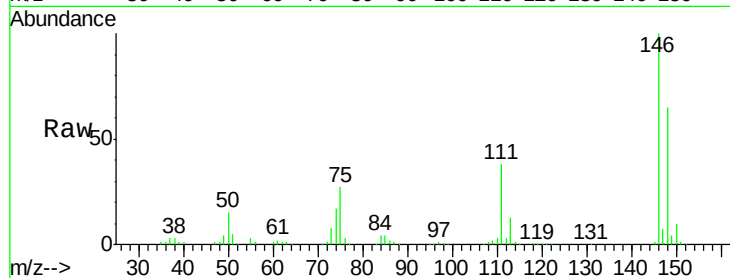
Tot Ion:146 Resp: 345866

Ion Ratio Lower Upper

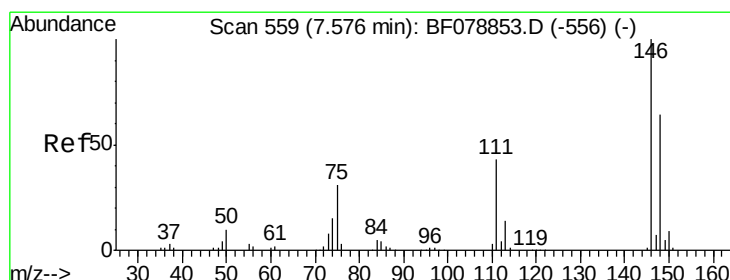
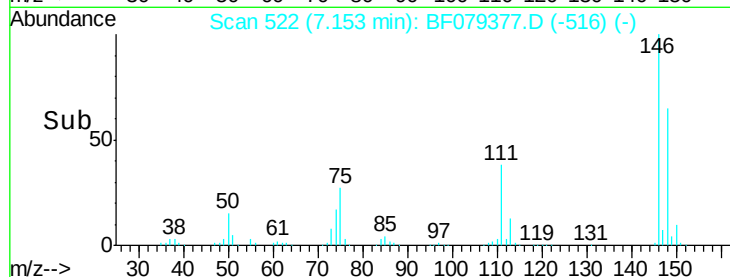
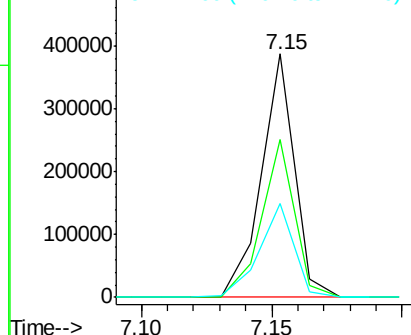
146 100

148 64.7 51.7 77.5

111 38.4 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.24 ng

RT: 7.34 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

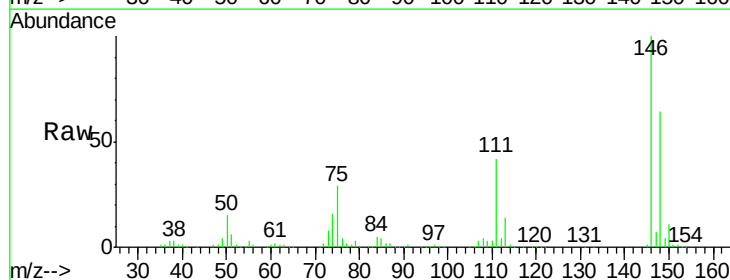
Tgt Ion:146 Resp: 321727

Ion Ratio Lower Upper

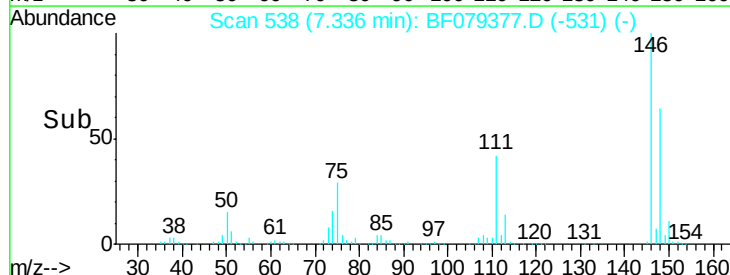
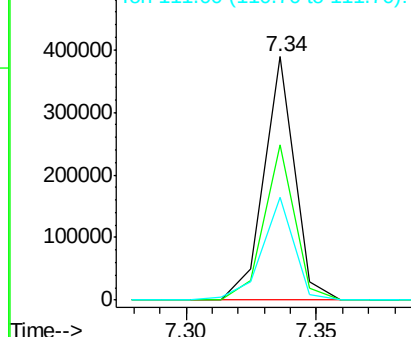
146 100

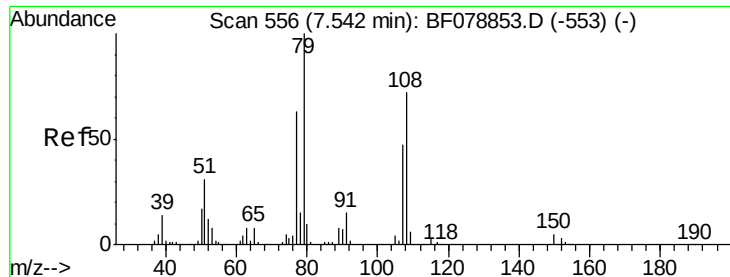
148 63.7 51.1 76.7

111 42.3 34.6 52.0



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: 34.79 ng

RT: 7.32 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

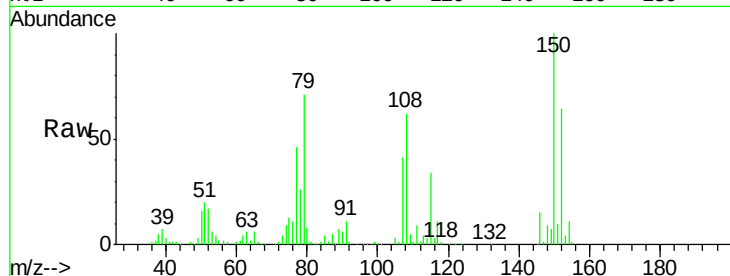
Tot Ion: 79 Resp: 241476

Ion Ratio Lower Upper

79 100

108 87.2 57.4 86.2#

77 65.3 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

300000

250000

200000

150000

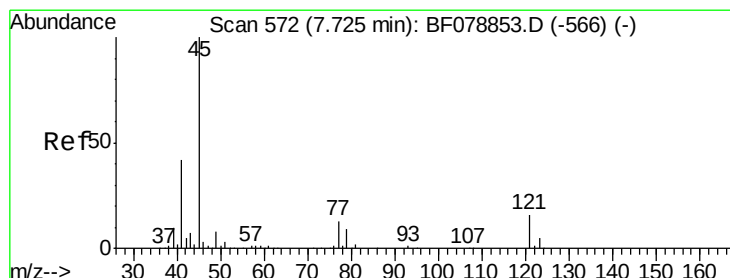
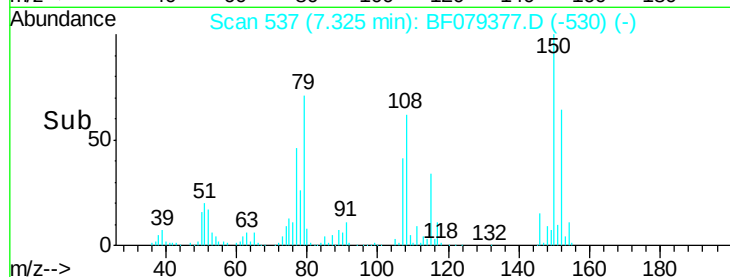
100000

50000

0

7.30 7.32 7.35

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.91 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

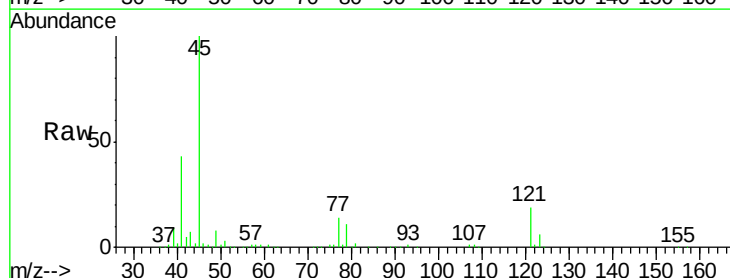
Tgt Ion: 45 Resp: 424585

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

79 10.9 0.0 29.3



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

400000

300000

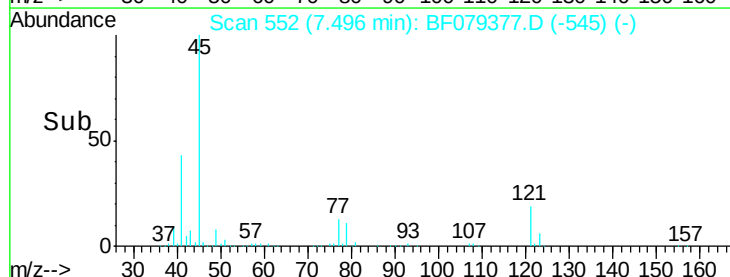
200000

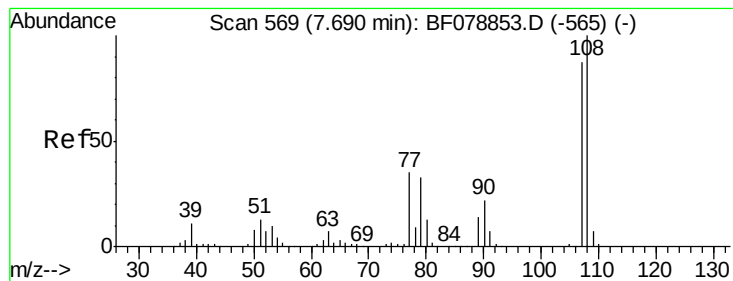
100000

0

7.45 7.50 7.55

Time-->

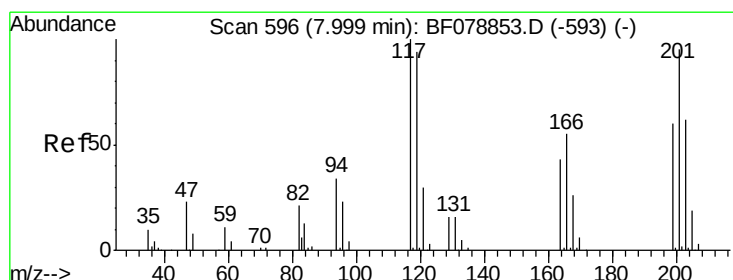
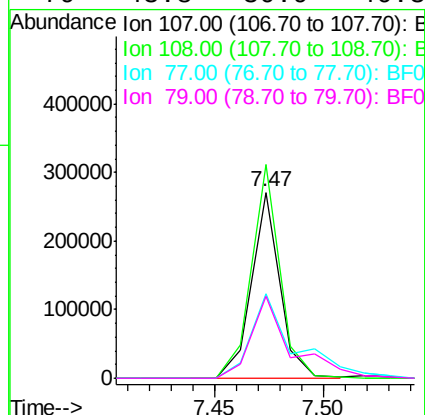
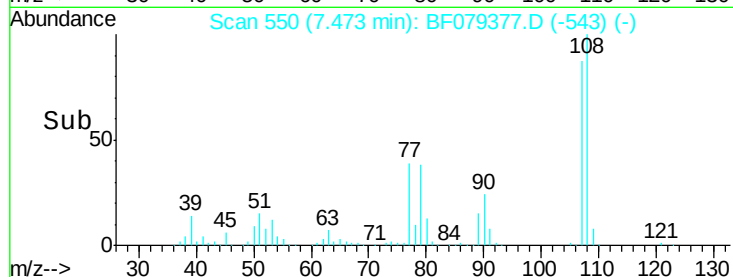
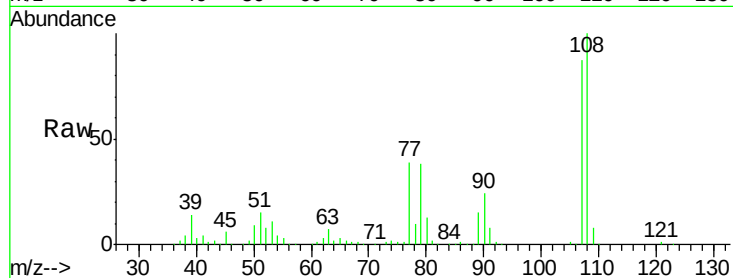




#17
2-Methylphenol
Concen: 38.14 ng
RT: 7.47 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

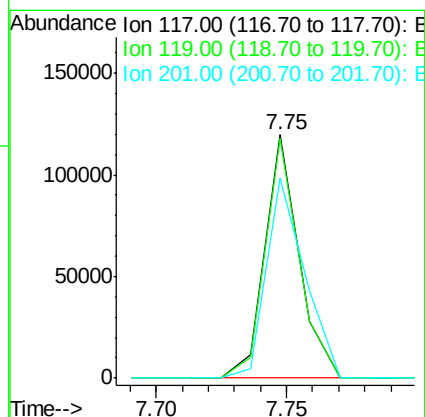
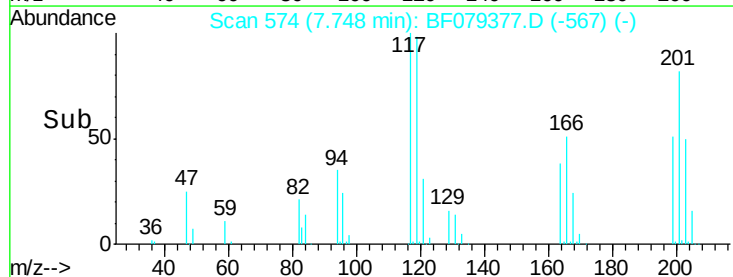
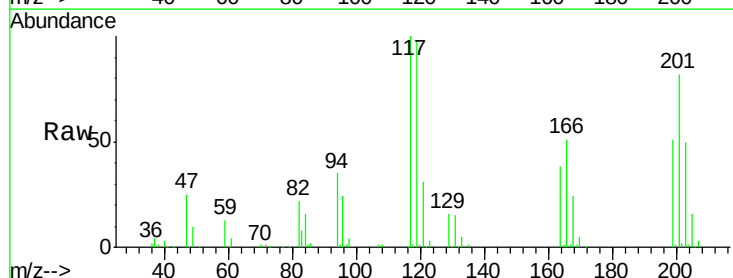
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

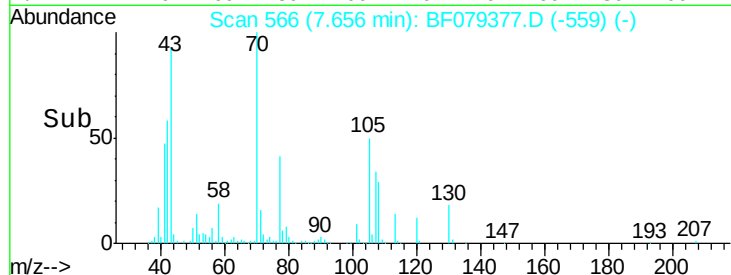
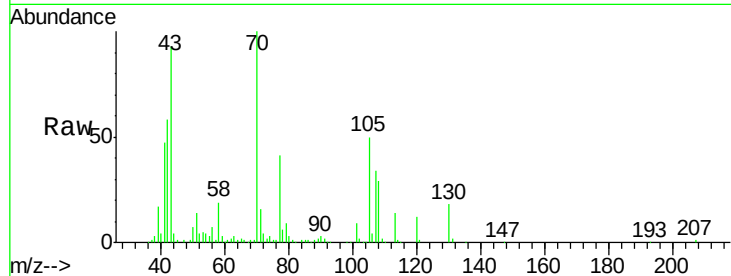
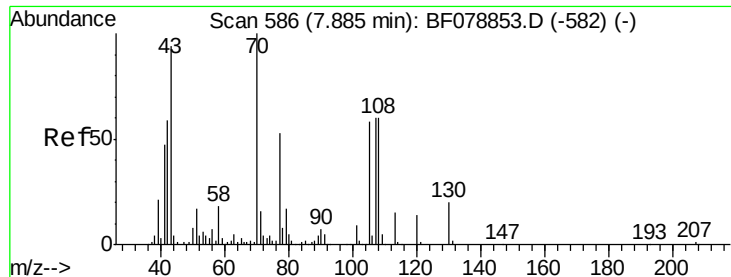
Tot Ion:	107	Resp:	246197
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.4	138.6
77	45.1	32.6	49.0
79	43.8	30.9	46.3



#18
Hexachloroethane
Concen: 34.18 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:	117	Resp:	109231
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
201	82.2	75.8	113.8

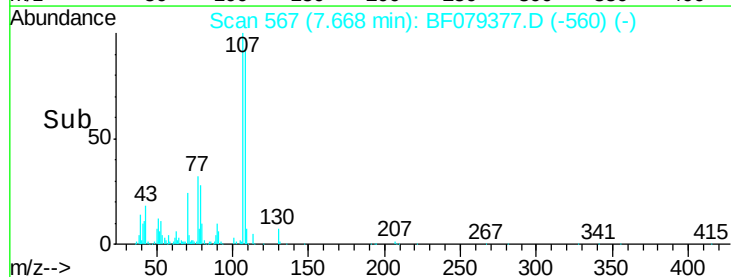
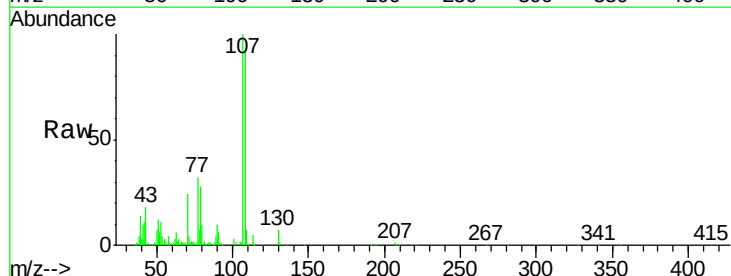
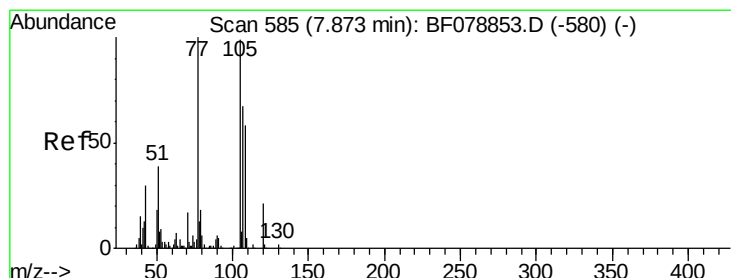
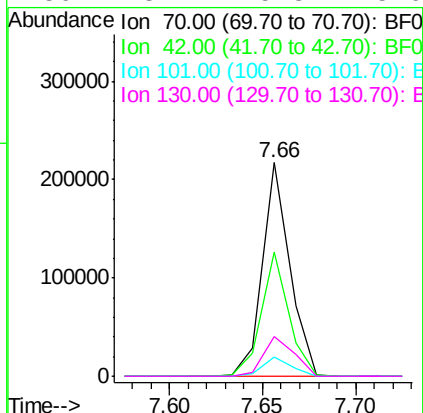




#19
n-Nitroso-di-n-propylamine
Concen: 34.77 ng
RT: 7.66 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

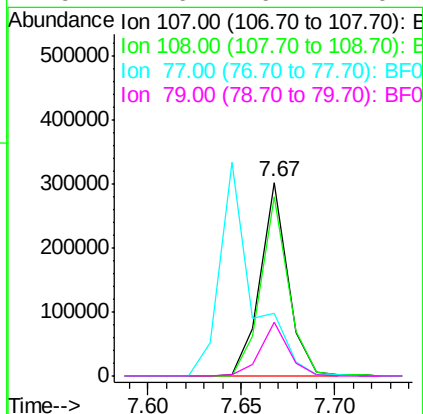
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

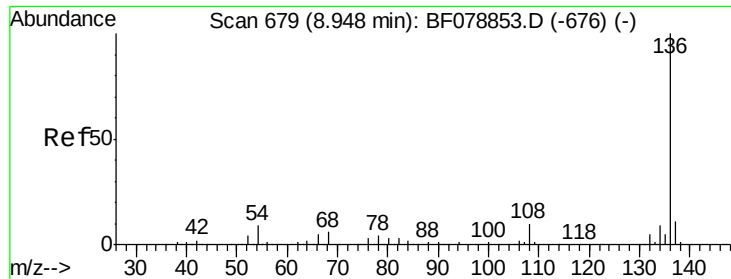
Tot Ion: 70 Resp: 219588
Ion Ratio Lower Upper
70 100
42 58.1 47.3 70.9
101 8.8 7.5 11.3
130 18.4 15.8 23.6



#20
3+4-Methylphenols
Concen: 36.38 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:107 Resp: 312931
Ion Ratio Lower Upper
107 100
108 92.5 66.5 106.5
77 32.5 130.6 170.6#
79 27.6 6.4 46.4

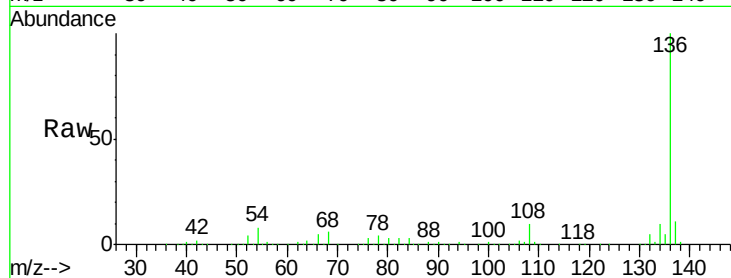




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	494499
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	6.9 10.3
68	6.2	4.9 7.3

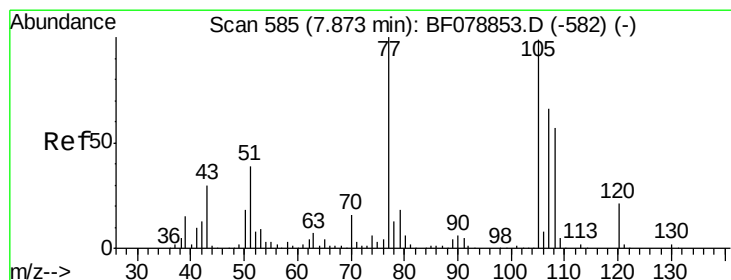
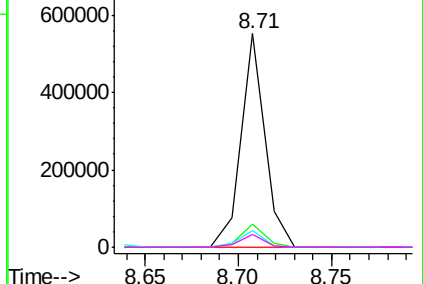
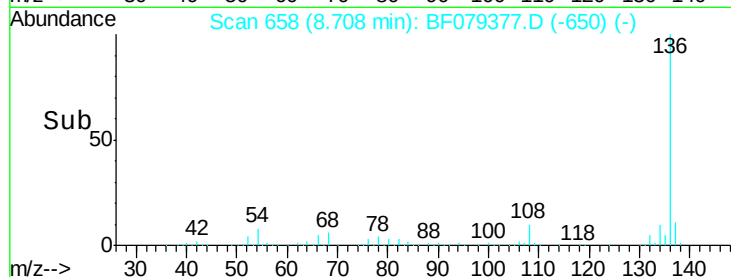


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

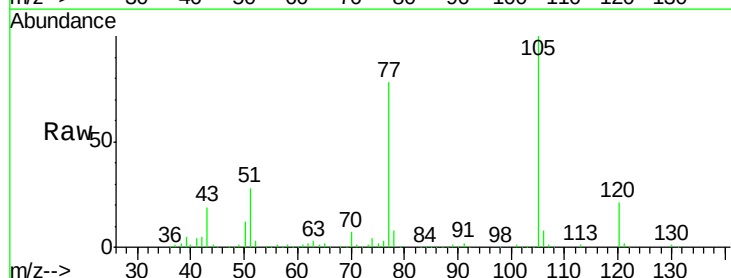
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.84 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:105	Resp:	411630
Ion Ratio	Lower	Upper
105	100	
71	1.1	2.2 3.4#
51	28.4	31.1 46.7#
120	21.3	16.7 25.1

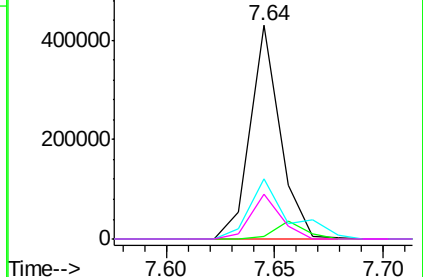
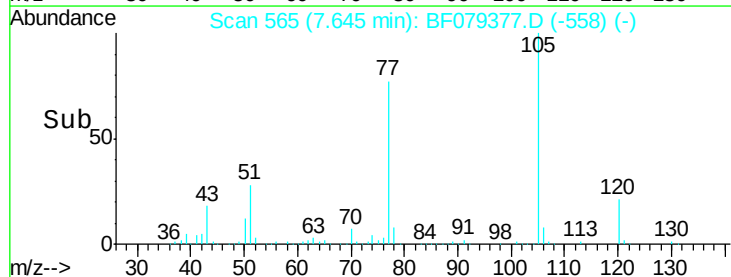


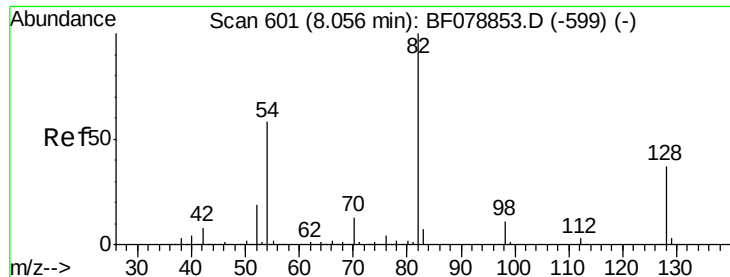
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

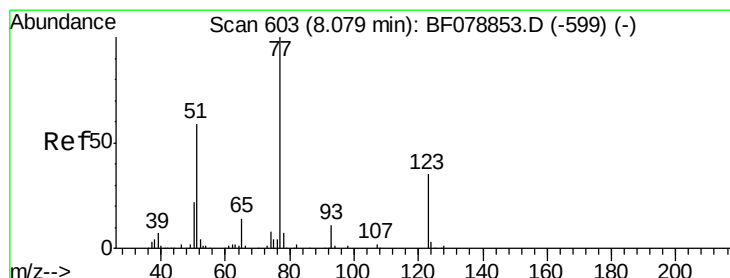
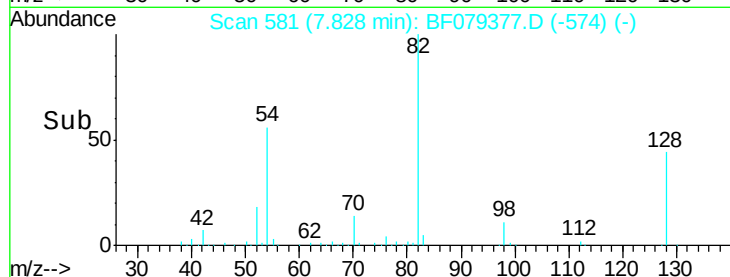
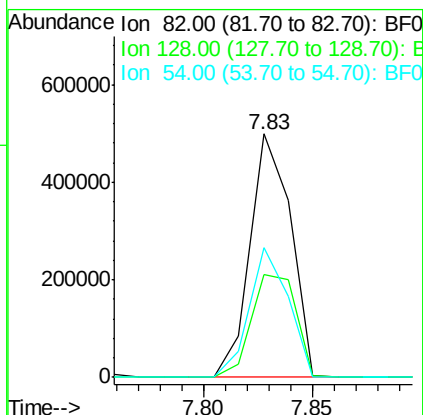
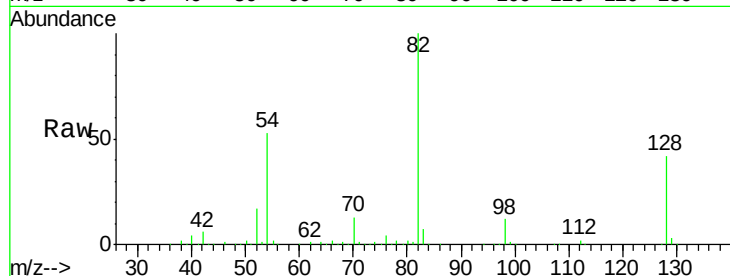




#23
 Nitrobenzene-d5
 Concen: 75.98 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

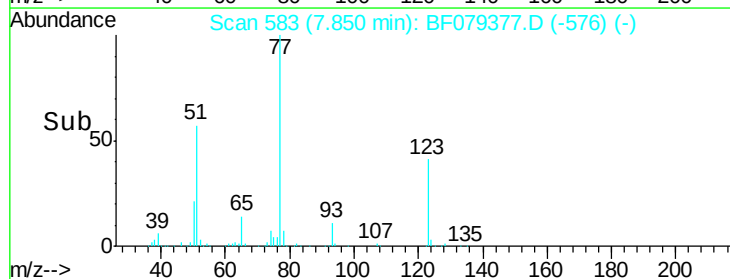
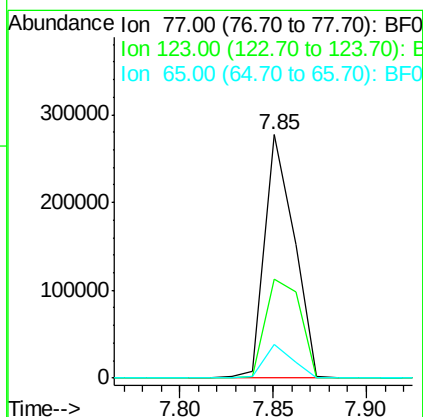
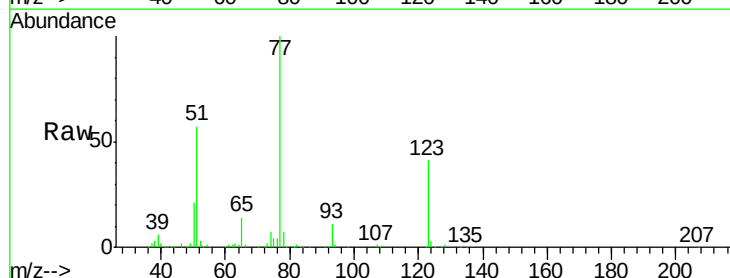
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

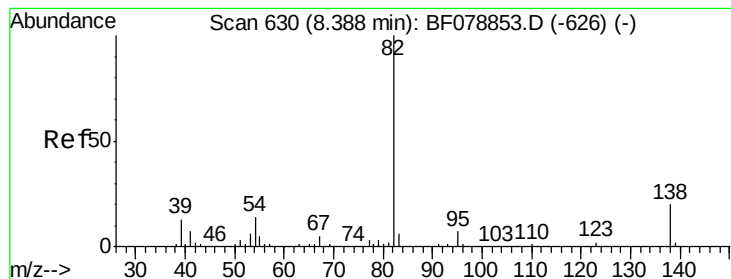
Tot Ion: 82 Resp: 653739
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 53.3 46.2 69.4



#24
 Nitrobenzene
 Concen: 35.55 ng
 RT: 7.85 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion: 77 Resp: 303190
 Ion Ratio Lower Upper
 77 100
 123 40.6 28.3 42.5
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 38.62 ng

RT: 8.16 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

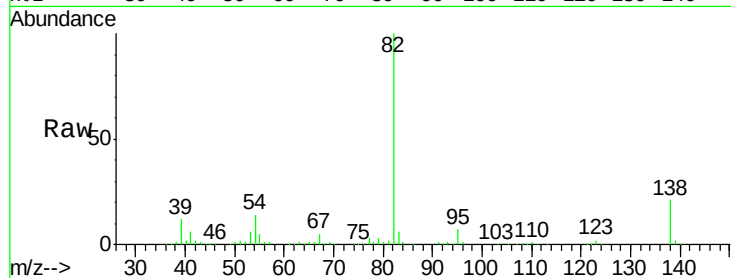
Tot Ion: 82 Resp: 615974

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

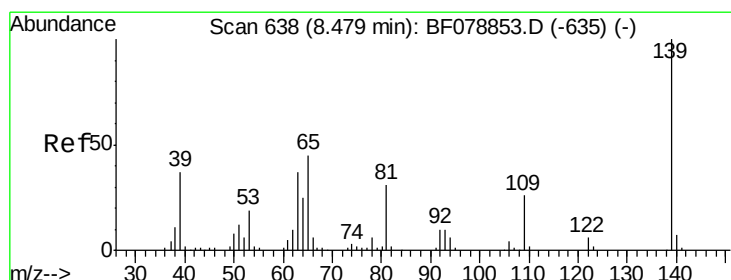
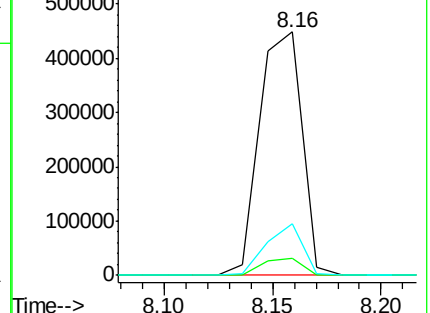
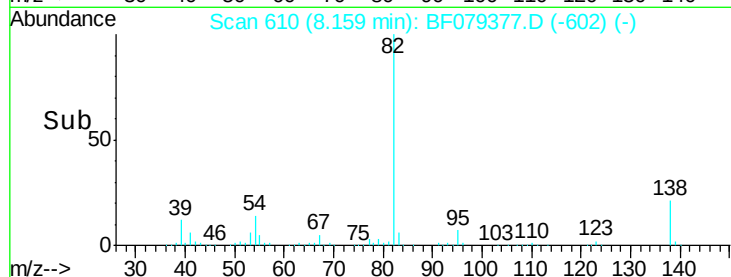
138 21.1 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF079377.D (-610) (-)

Ion 95.00 (94.70 to 95.70): BF079377.D (-610) (-)

Ion 138.00 (137.70 to 138.70): BF079377.D (-610) (-)



#26

2-Nitrophenol

Concen: 43.06 ng

RT: 8.24 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

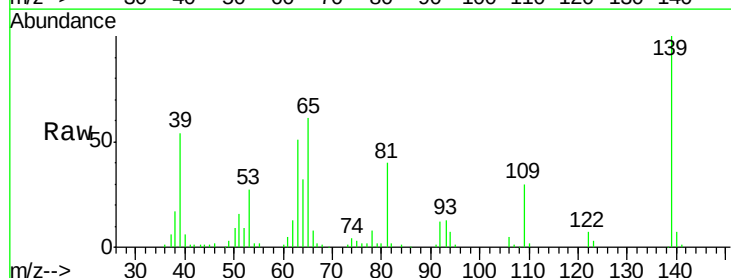
Tgt Ion: 139 Resp: 151988

Ion Ratio Lower Upper

139 100

109 29.7 20.9 31.3

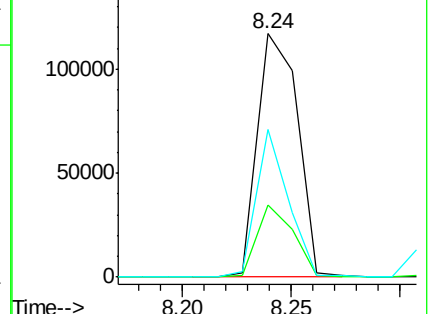
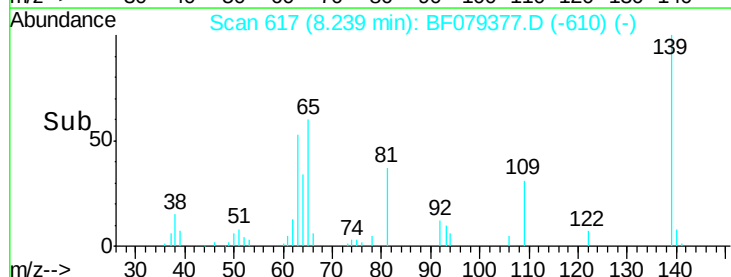
65 60.7 35.8 53.8#

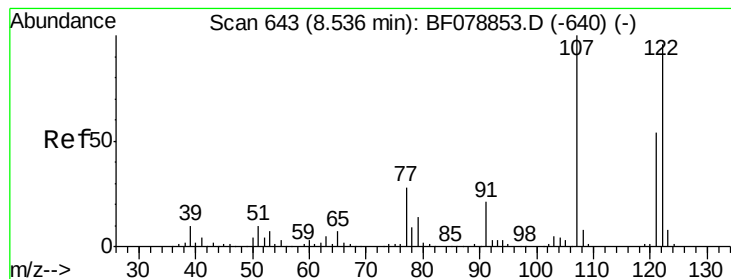


Abundance Ion 139.00 (138.70 to 139.70): BF079377.D (-610) (-)

Ion 109.00 (108.70 to 109.70): BF079377.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BF079377.D (-610) (-)





#27

2,4-Dimethylphenol

Concen: 40.33 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

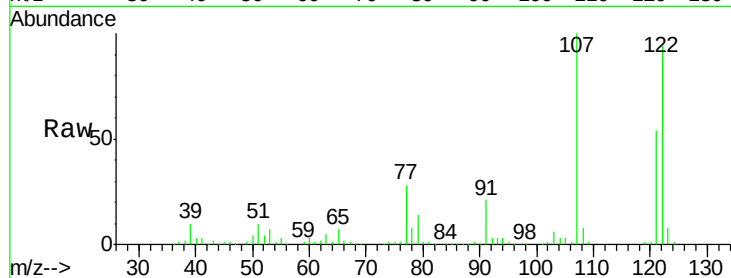
Tot Ion:122 Resp: 284848

Ion Ratio Lower Upper

122 100

107 105.9 83.6 125.4

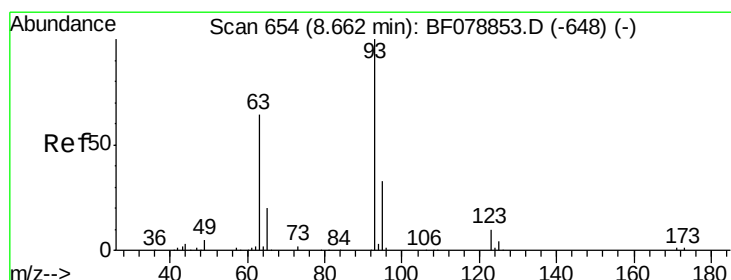
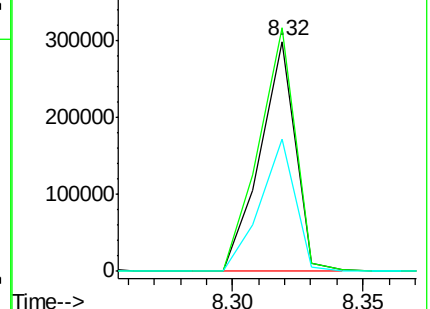
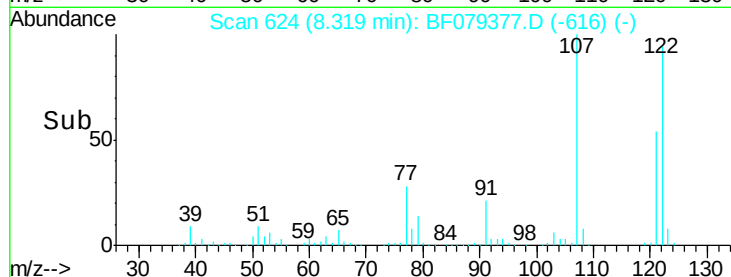
121 57.5 44.9 67.3



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: 37.72 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

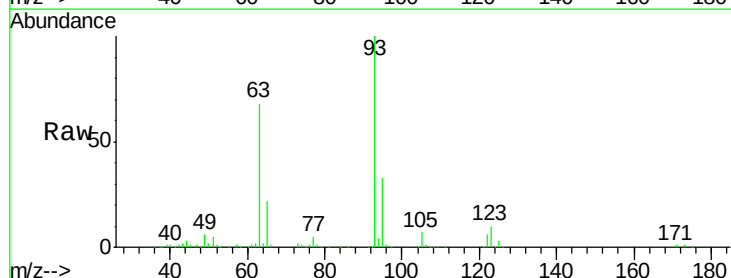
Tgt Ion: 93 Resp: 370967

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

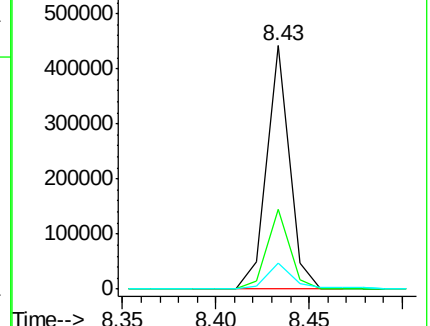
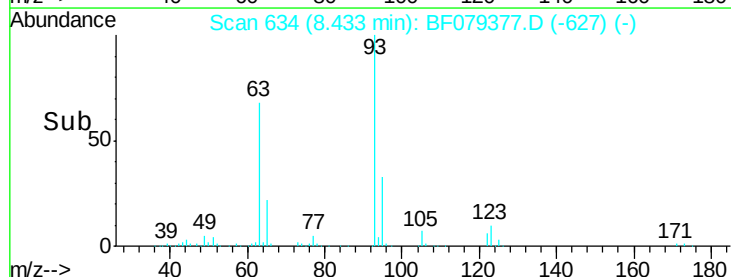
123 10.5 8.6 12.8

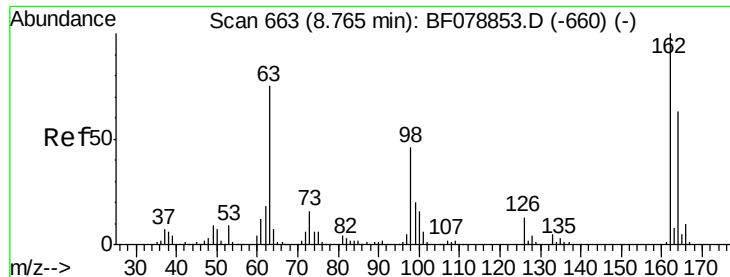


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

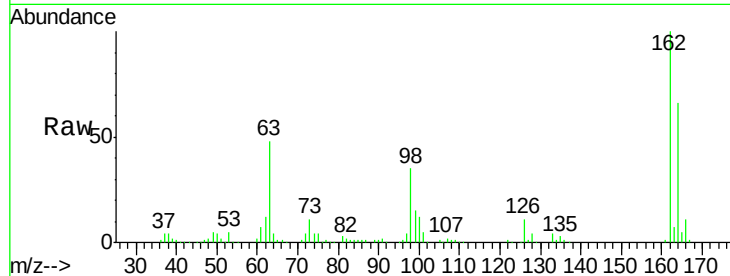




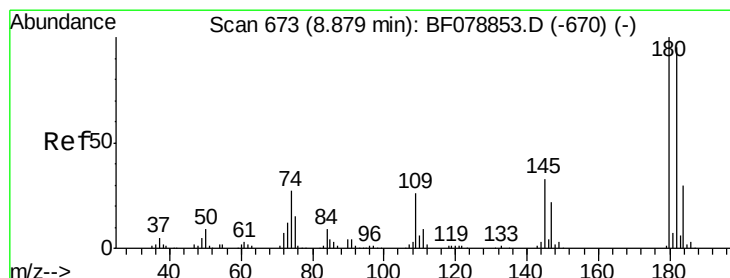
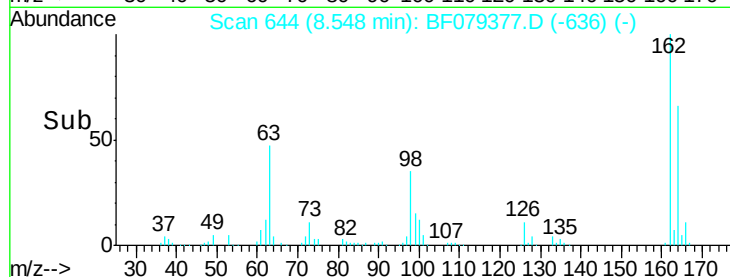
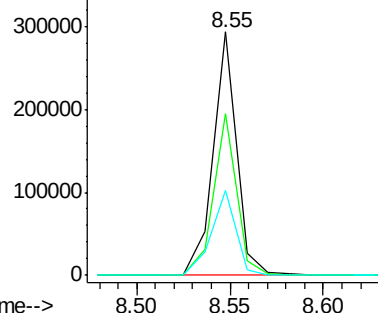
#29
2,4-Dichlorophenol
Concen: 41.43 ng
RT: 8.55 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	42.7	82.7
98	34.9	26.3	66.3

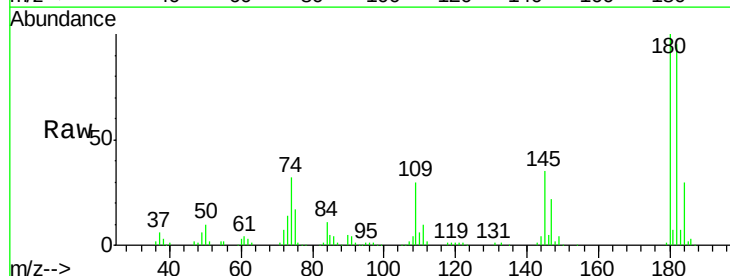


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

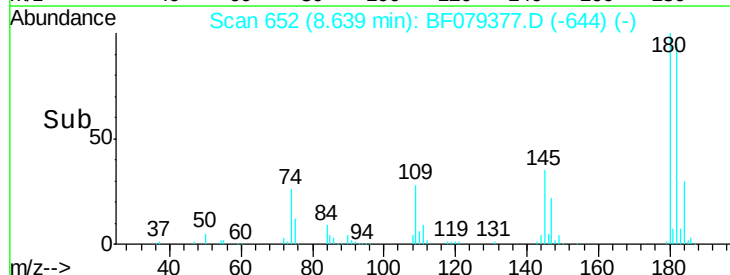
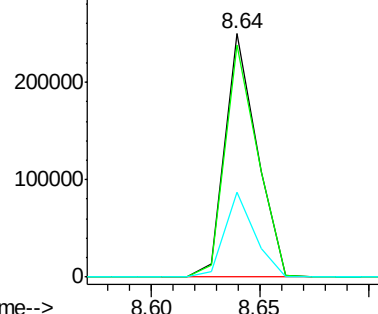


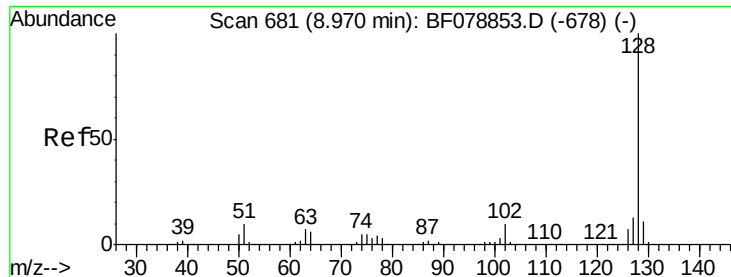
#30
1,2,4-Trichlorobenzene
Concen: 37.17 ng
RT: 8.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	113.5
145	35.1	26.2	39.4



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

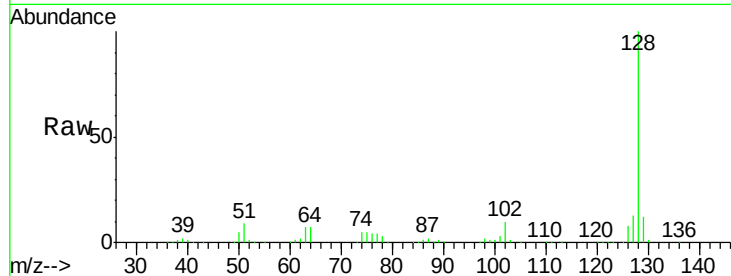




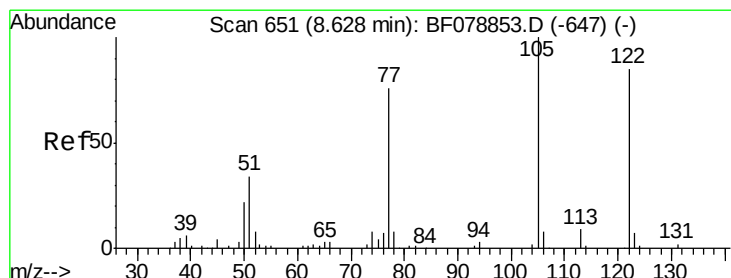
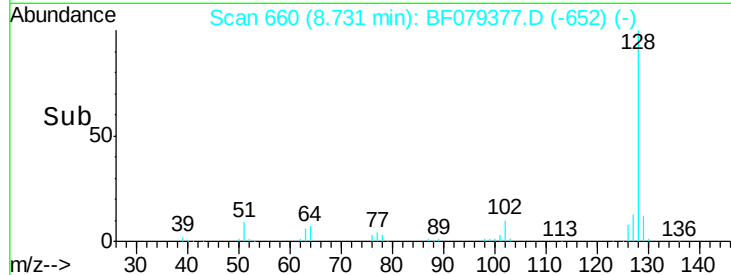
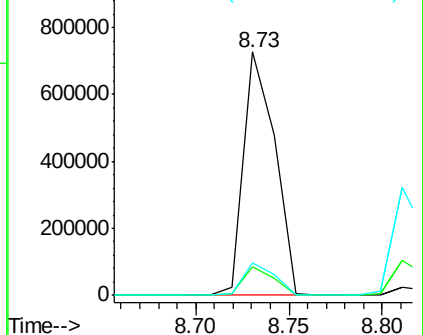
#31
Naphthalene
Concen: 36.06 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 849613
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.3 15.5

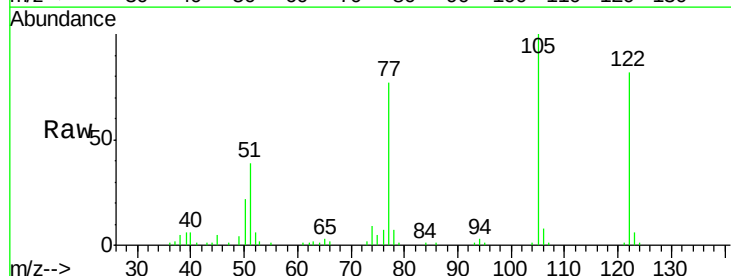


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

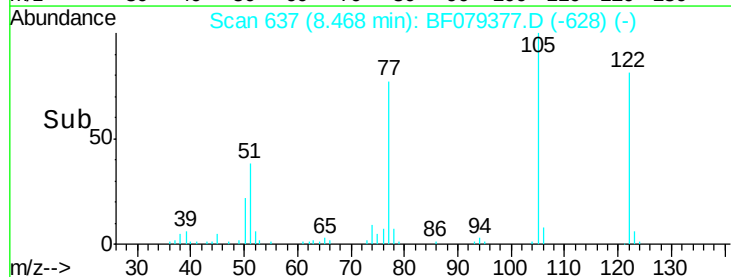
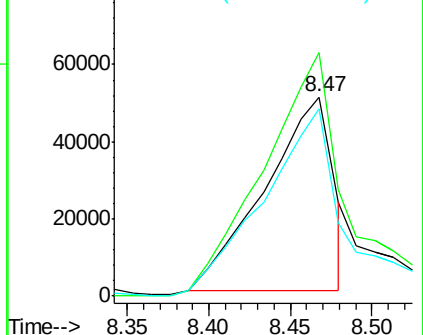


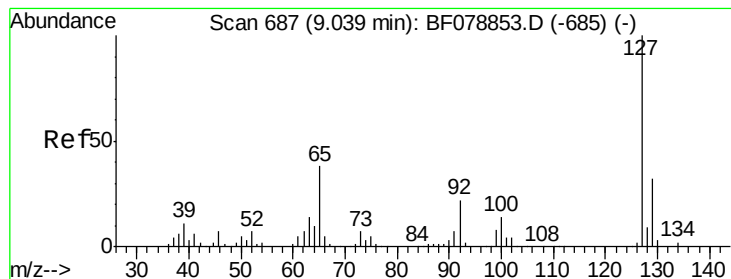
#32
Benzoic acid
Concen: 35.18 ng
RT: 8.47 min Scan# 637
Delta R.T. 0.02 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:122 Resp: 147074
Ion Ratio Lower Upper
122 100
105 122.3 100.7 140.7
77 94.2 72.0 112.0



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





#33

4-Chloroaniline

Concen: 37.47 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 373550

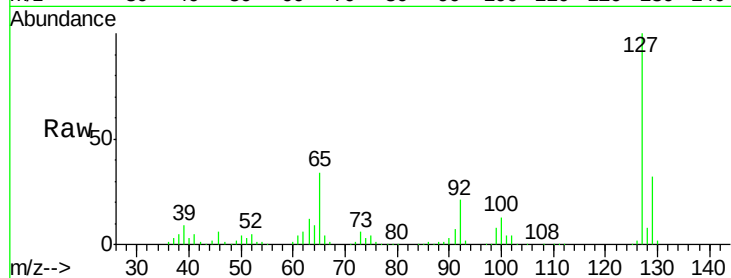
Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 34.5 30.2 45.4

92 20.7 17.5 26.3

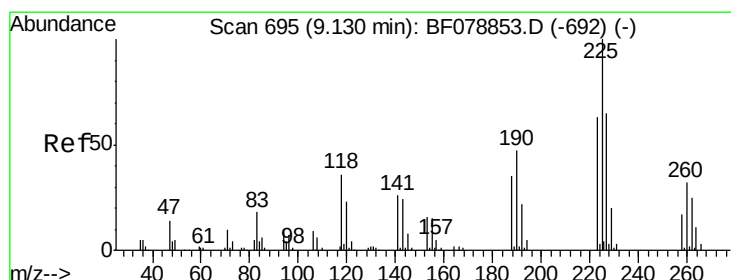
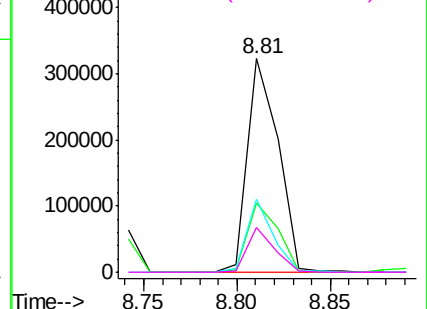
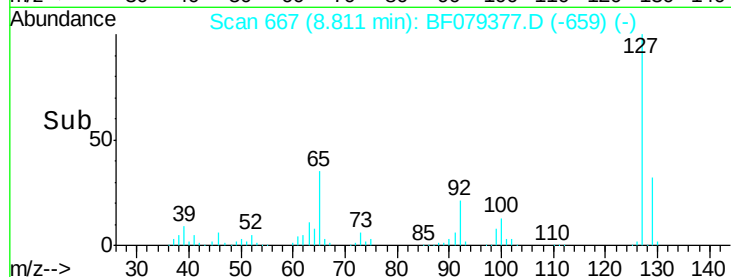


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.68 ng

RT: 8.89 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

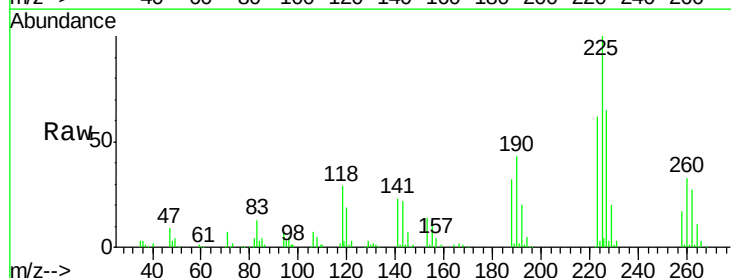
Tgt Ion:225 Resp: 153688

Ion Ratio Lower Upper

225 100

223 61.7 50.6 75.8

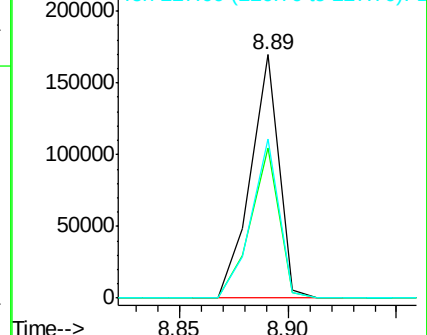
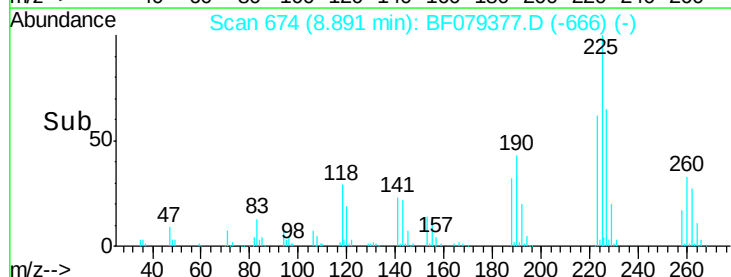
227 65.3 52.1 78.1

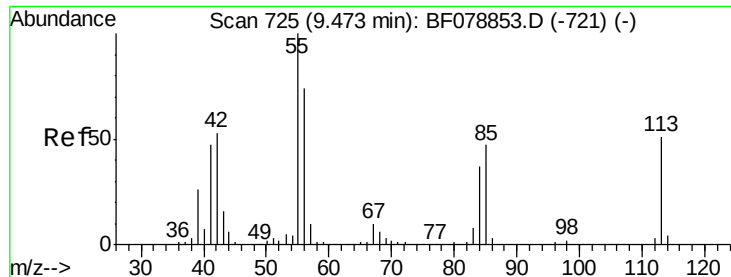


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

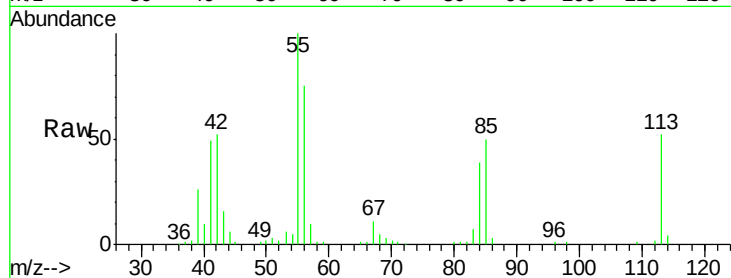




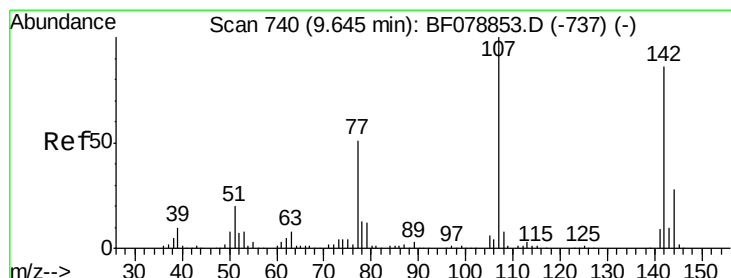
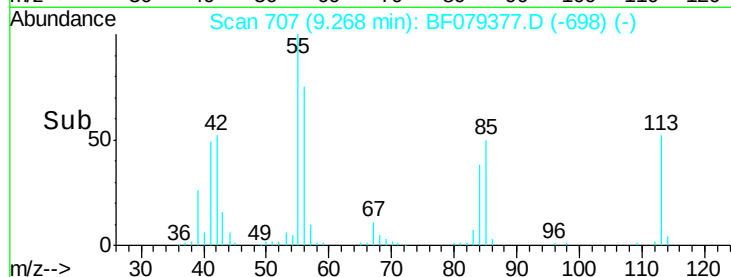
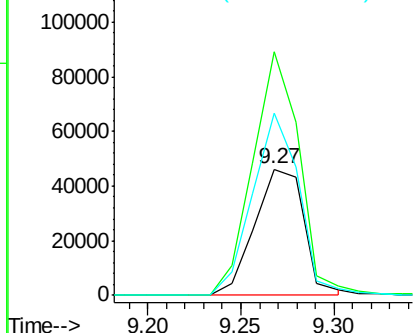
#35
 Caprolactam
 Concen: 41.77 ng
 RT: 9.27 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 84847
 Ion Ratio Lower Upper
 113 100
 55 192.8 176.0 216.0
 56 144.5 123.8 163.8

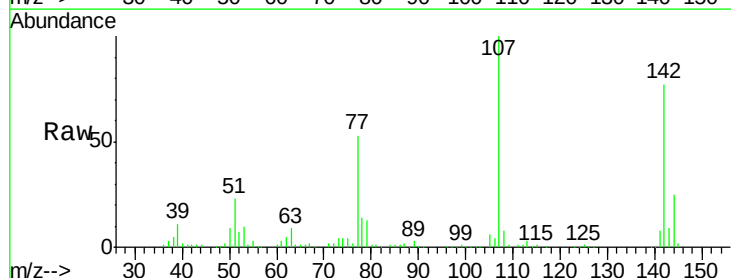


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

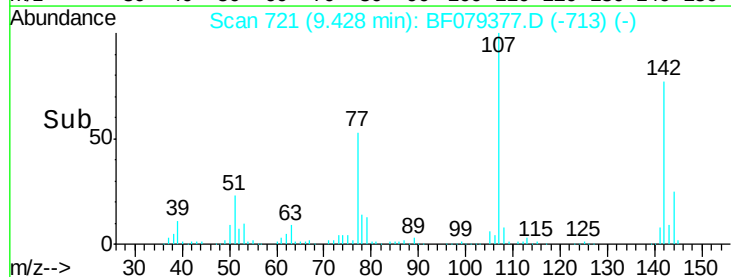
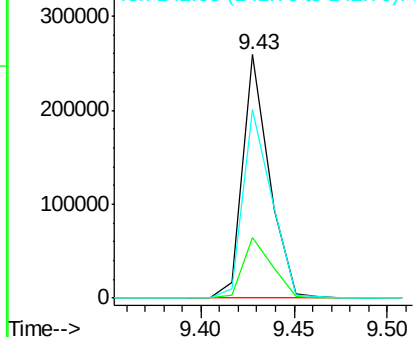


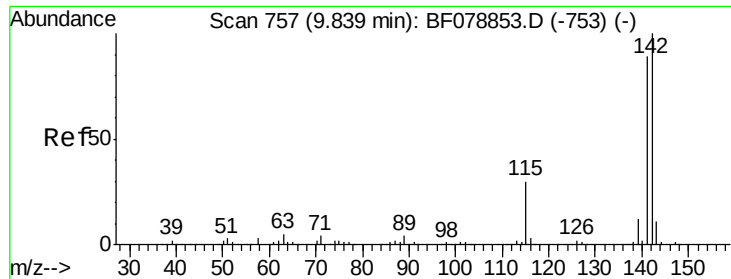
#36
 4-Chloro-3-methylphenol
 Concen: 39.18 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:107 Resp: 258461
 Ion Ratio Lower Upper
 107 100
 144 24.9 22.5 33.7
 142 77.3 68.6 103.0



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

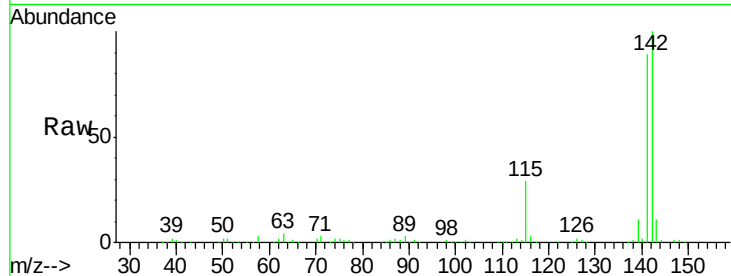




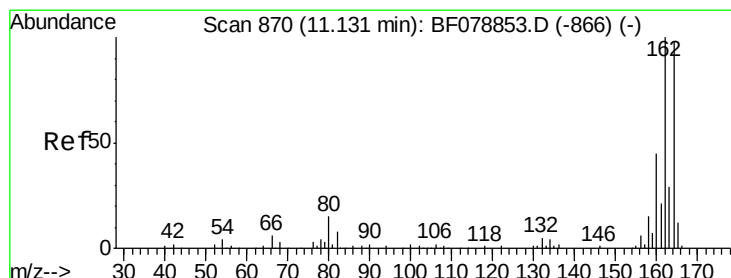
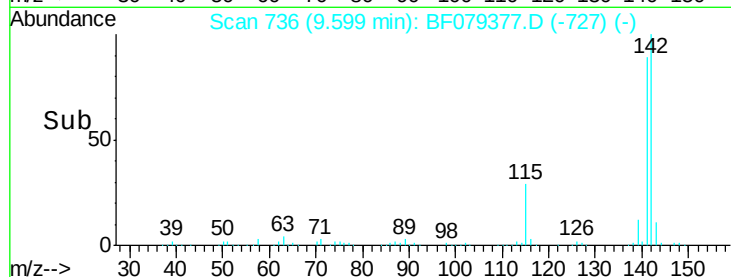
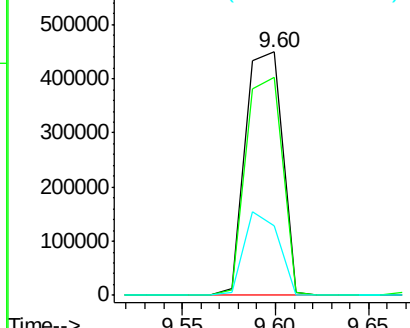
#37
2-Methylnaphthalene
Concen: 37.95 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 619667
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4
115 28.8 24.2 36.4

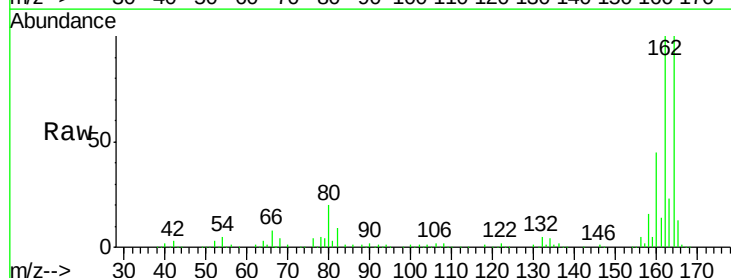


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

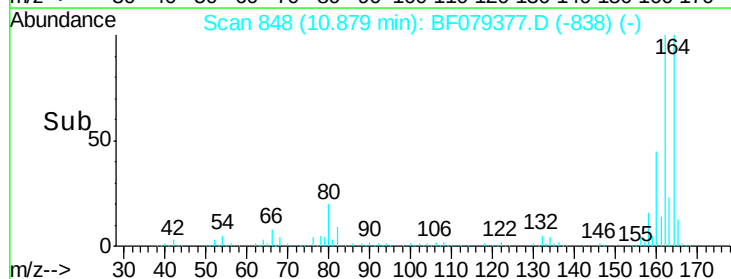
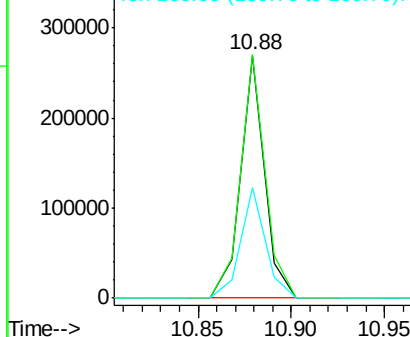


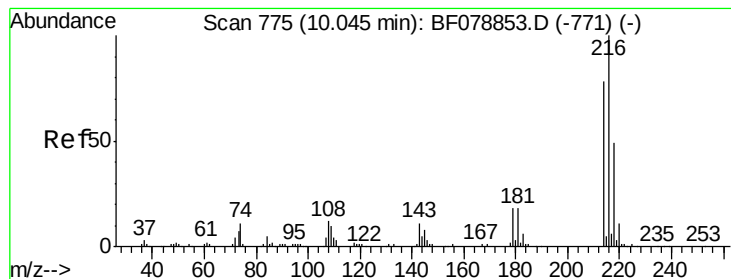
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:164 Resp: 241647
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.5 36.6 54.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.37 ng

RT: 9.80 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 254335

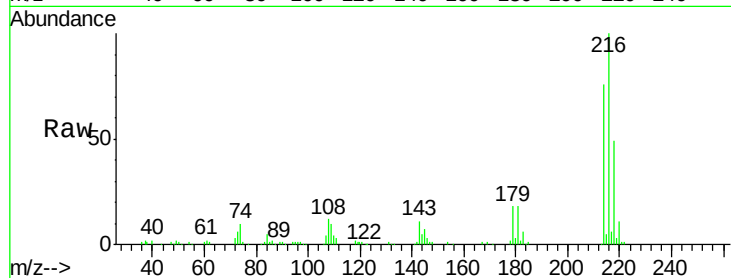
Ion Ratio Lower Upper

216 100

214 78.4 64.0 96.0

179 21.5 17.0 25.4

108 19.7 17.0 25.6

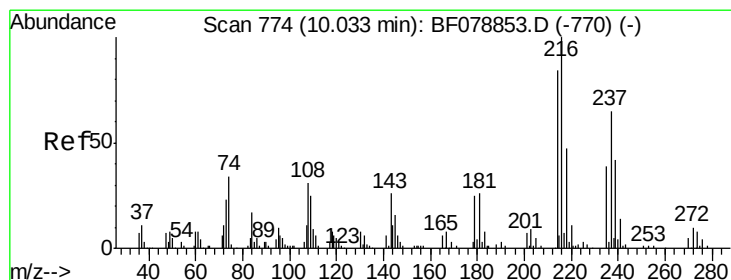
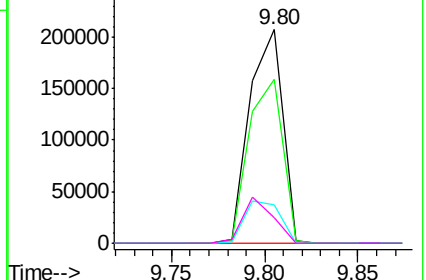
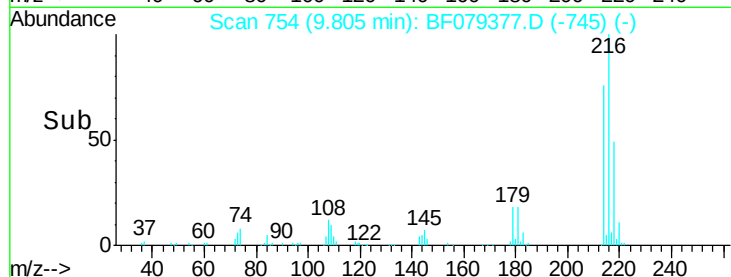


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.90 ng

RT: 9.78 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

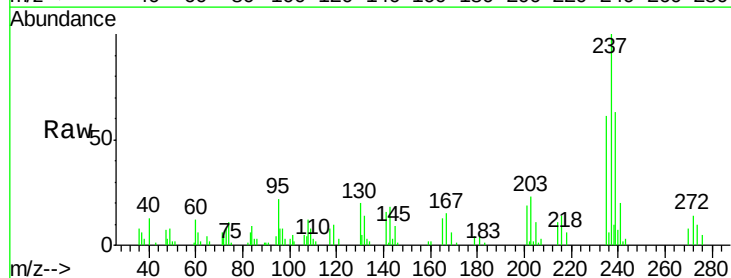
Tgt Ion:237 Resp: 23614

Ion Ratio Lower Upper

237 100

235 61.1 40.0 80.0

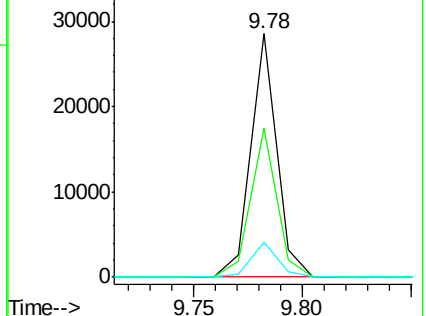
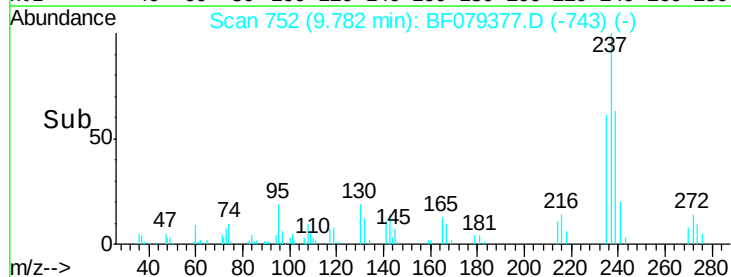
272 14.2 0.0 36.0

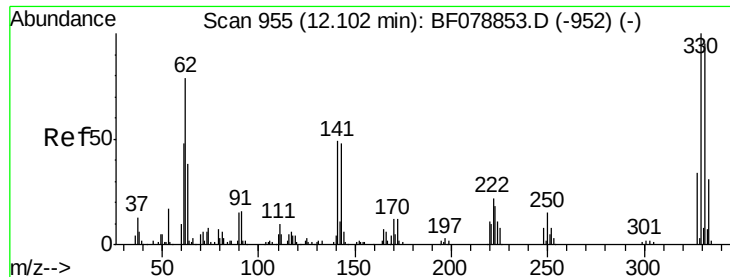


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

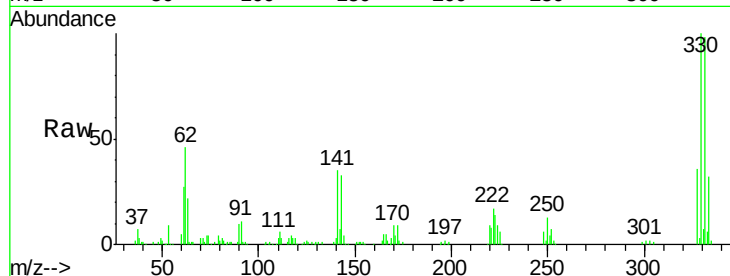




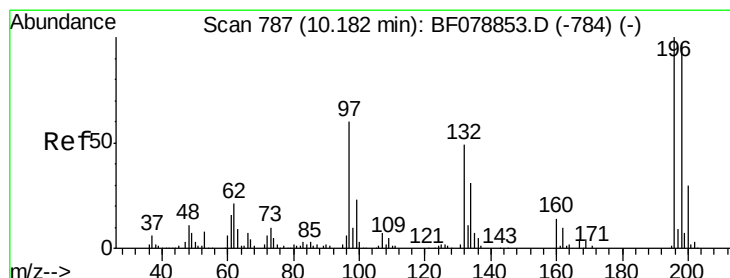
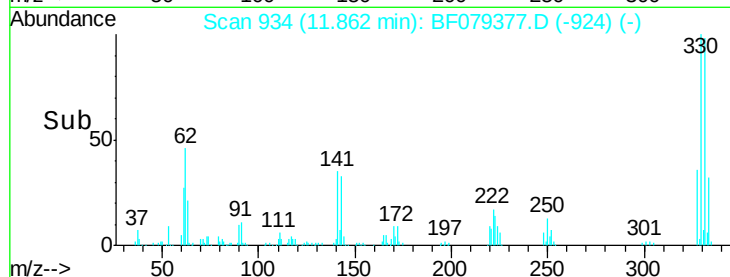
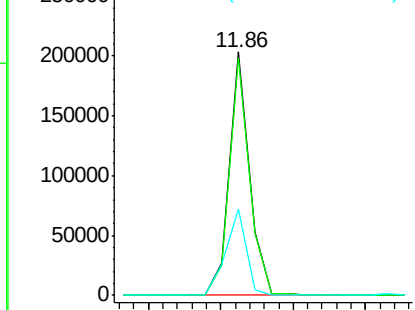
#41
 2,4,6-Tribromophenol
 Concen: 75.32 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 196887
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 36.2 27.8 41.8

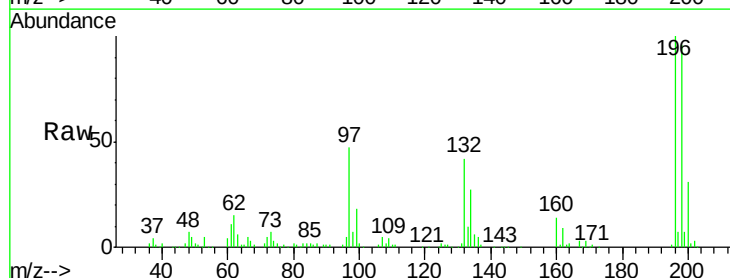


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

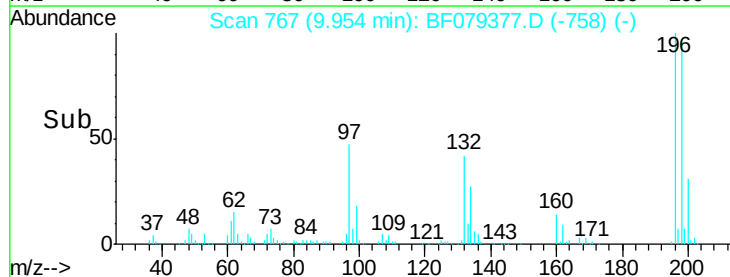
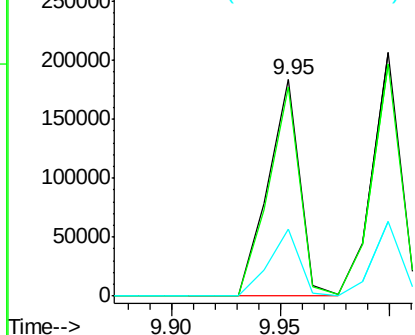


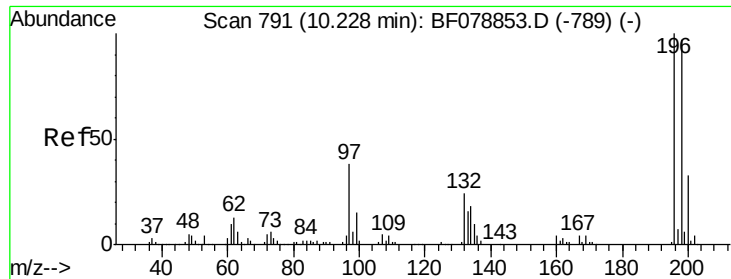
#42
 2,4,6-Trichlorophenol
 Concen: 39.96 ng
 RT: 9.95 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:196 Resp: 186955
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.4 116.2
 200 30.9 23.7 35.5



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

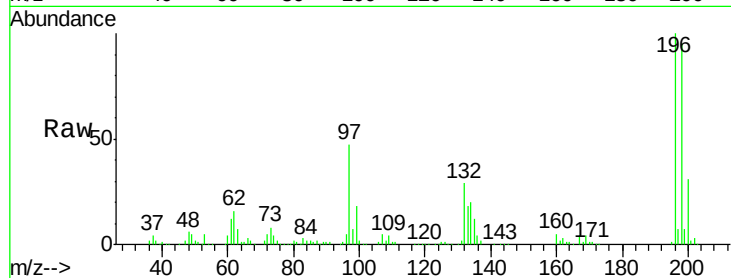




#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.3	115.9
97	47.0	31.3	46.9
132	29.0	19.7	29.5



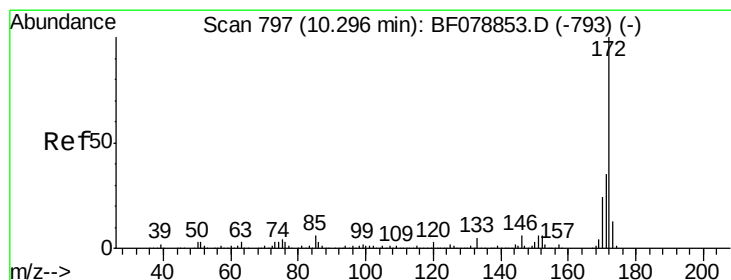
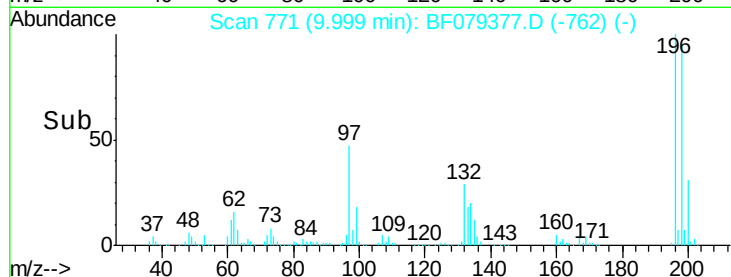
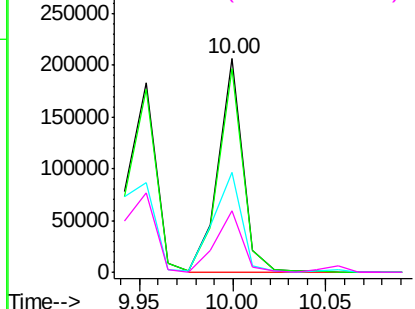
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

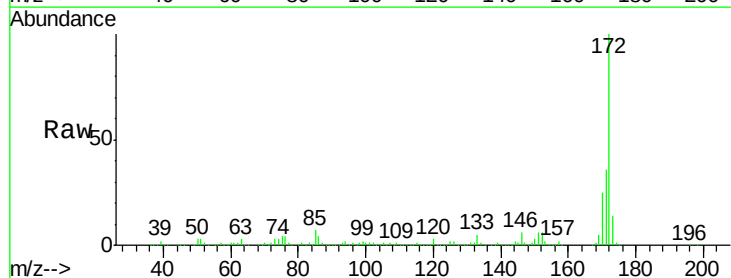
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.96 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.3	42.5
170	25.1	19.4	29.2

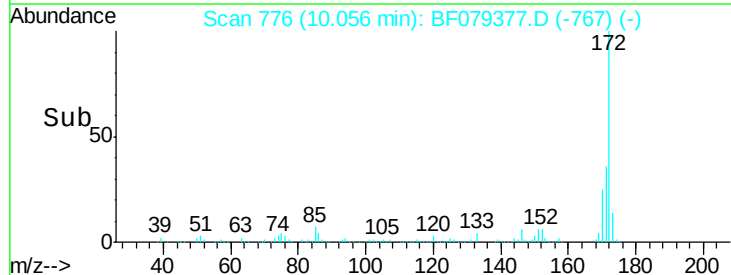
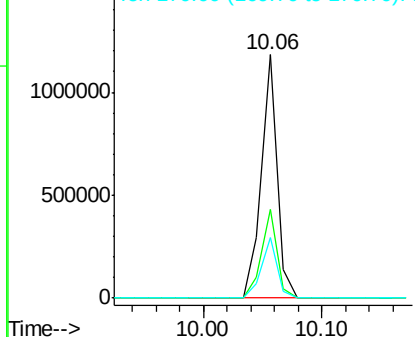


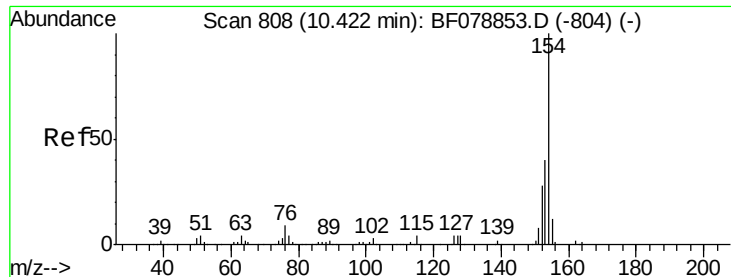
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.52 ng

RT: 10.18 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

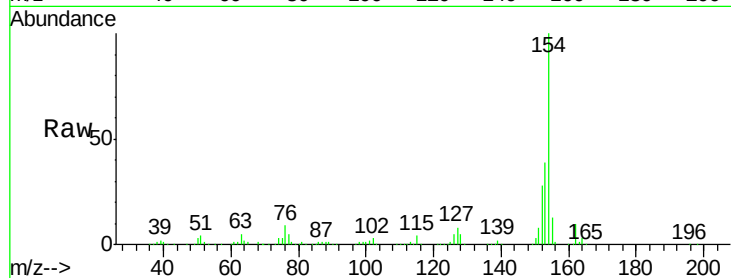
Tot Ion:154 Resp: 701612

Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

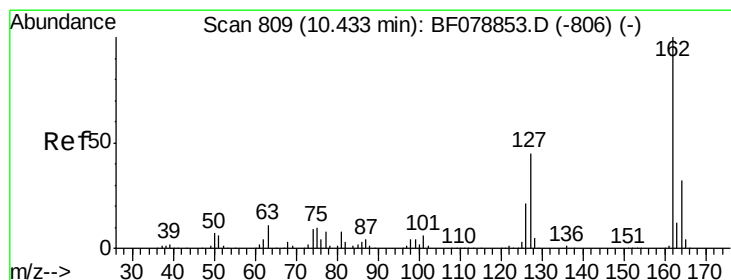
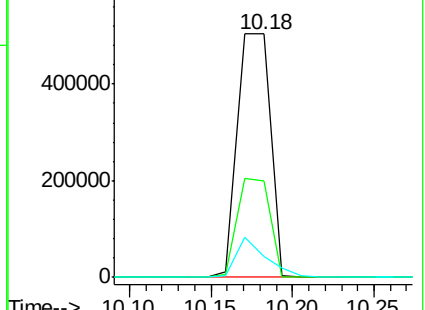
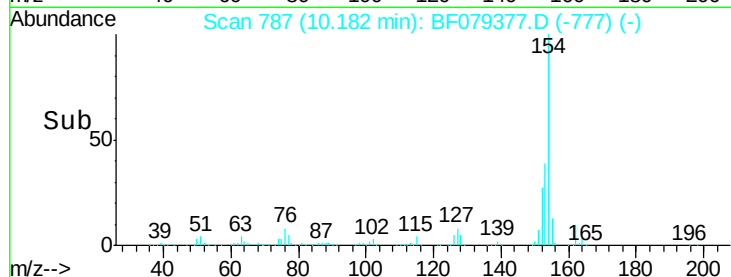
76 8.8 0.0 29.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.55 ng

RT: 10.19 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

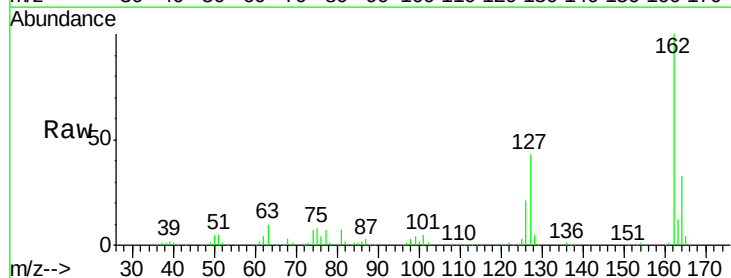
Tgt Ion:162 Resp: 532761

Ion Ratio Lower Upper

162 100

127 43.4 36.3 54.5

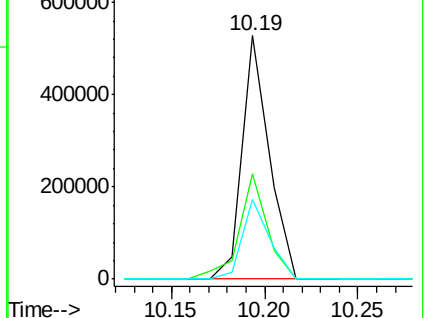
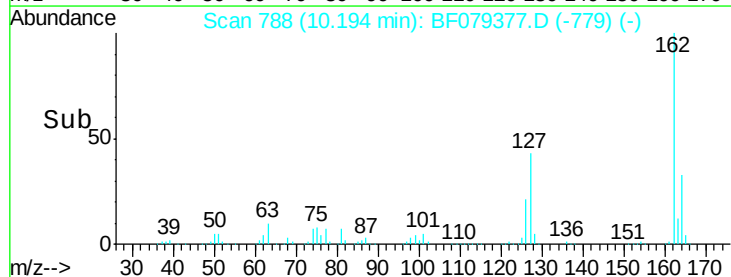
164 32.7 25.9 38.9

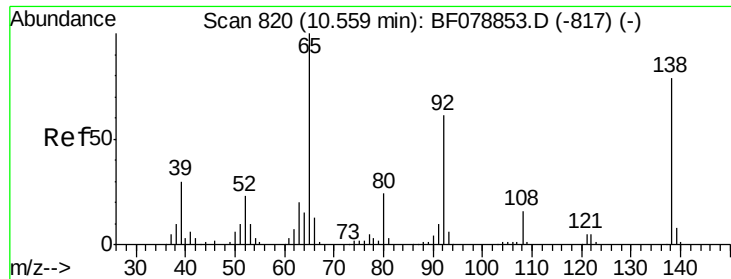


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

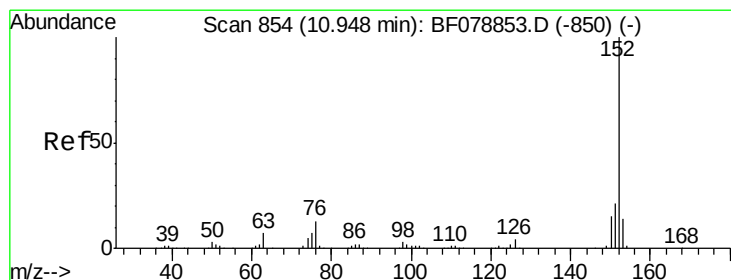
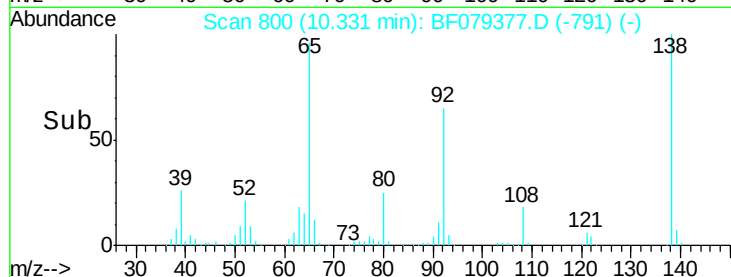
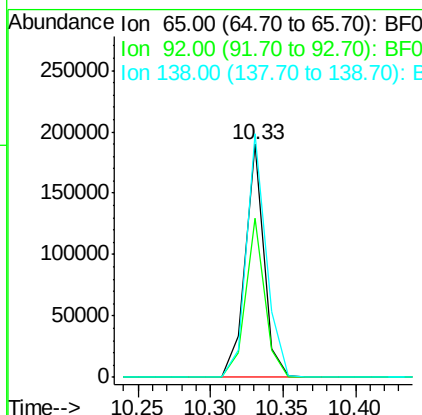
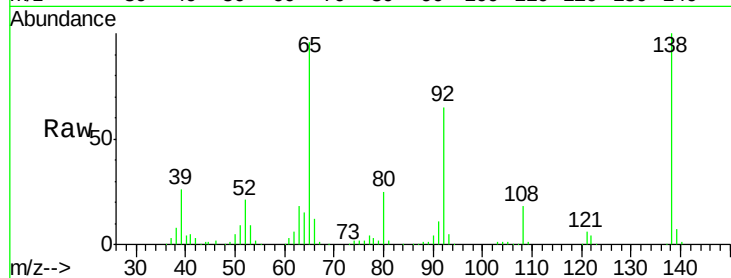




#47
2-Nitroaniline
Concen: 39.42 ng
RT: 10.33 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

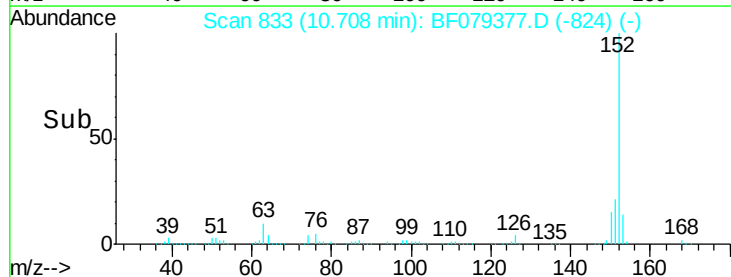
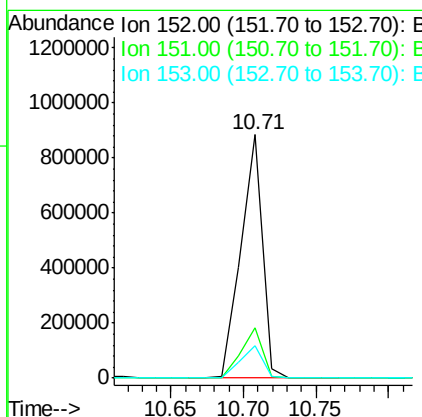
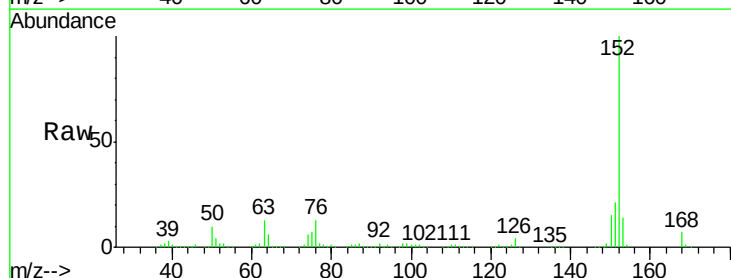
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

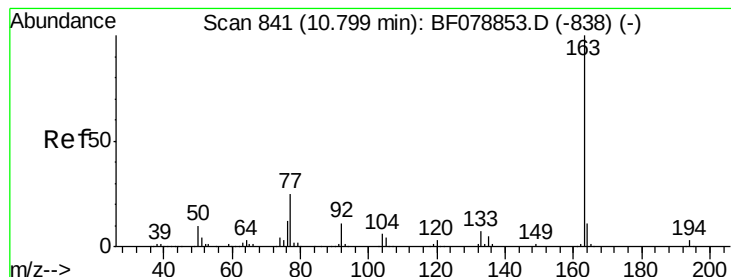
Tot Ion: 65 Resp: 171161
Ion Ratio Lower Upper
65 100
92 68.3 49.1 73.7
138 104.5 63.2 94.8#



#48
Acenaphthylene
Concen: 37.00 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion: 152 Resp: 910211
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.5 11.0 16.6





#49

Dimethylphthalate

Concen: 35.98 ng

RT: 10.57 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

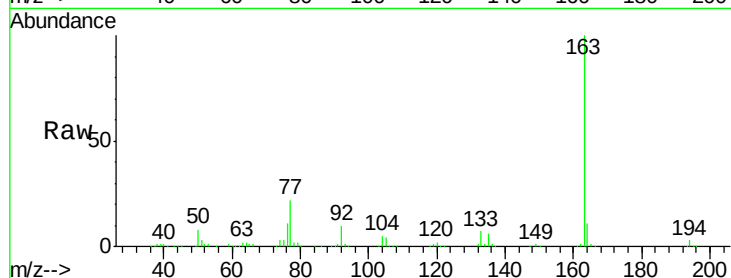
Tot Ion:163 Resp: 638175

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

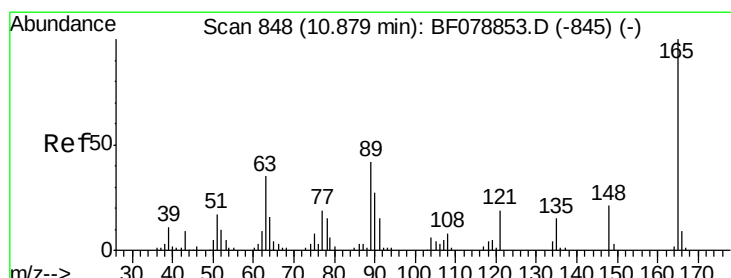
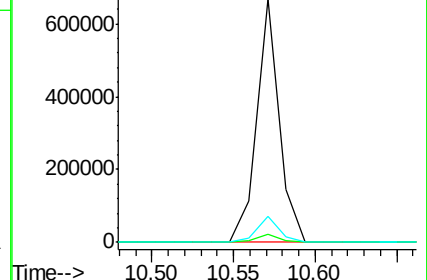
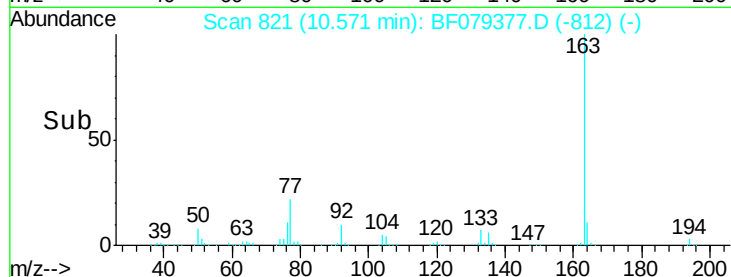
164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.20 ng

RT: 10.64 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

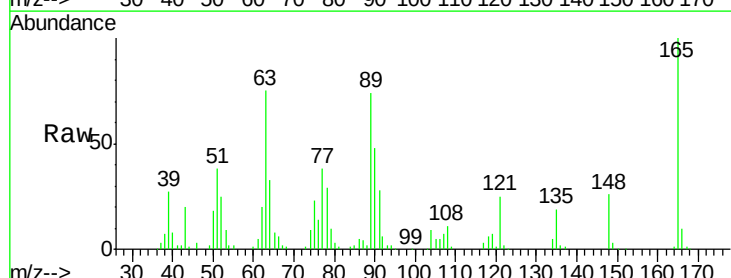
Tgt Ion:165 Resp: 133699

Ion Ratio Lower Upper

165 100

63 75.2 29.2 43.8#

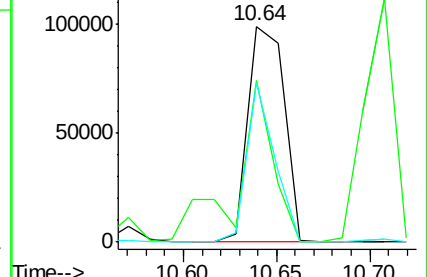
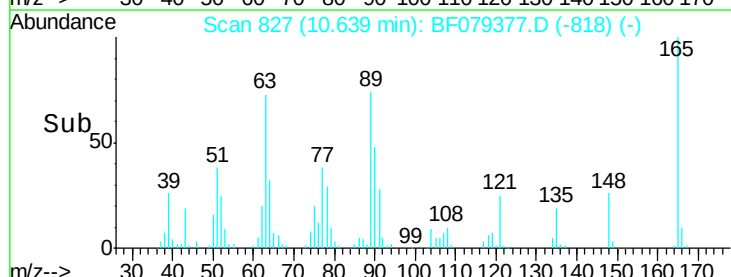
89 73.6 33.3 49.9#

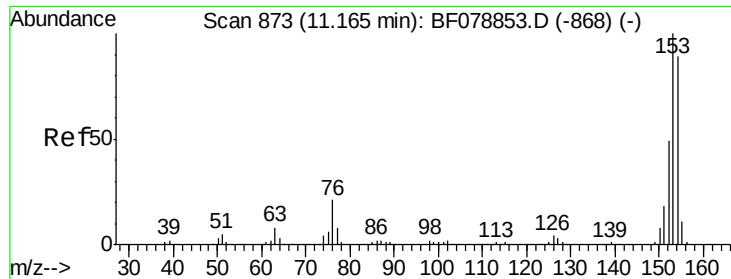


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.00 ng

RT: 10.93 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

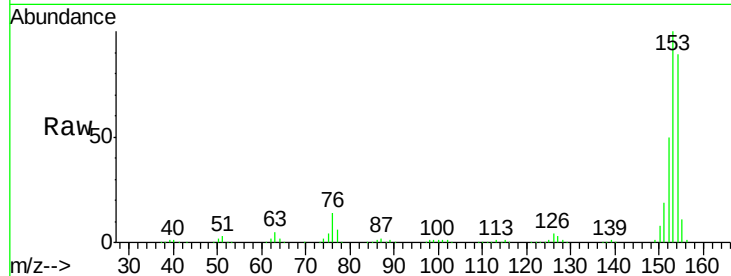
Tot Ion:154 Resp: 528248

Ion Ratio Lower Upper

154 100

153 112.0 90.2 135.2

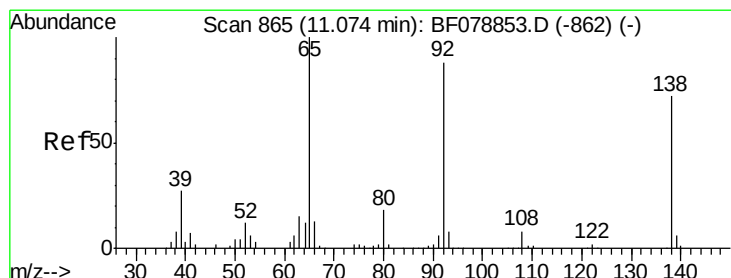
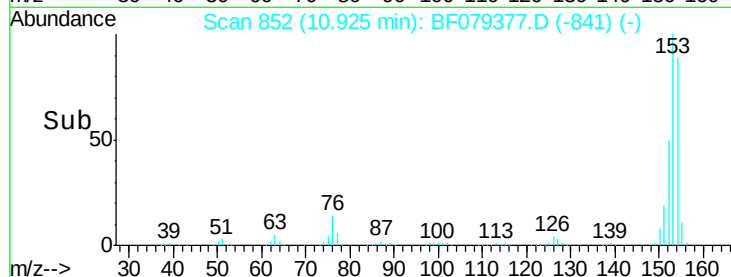
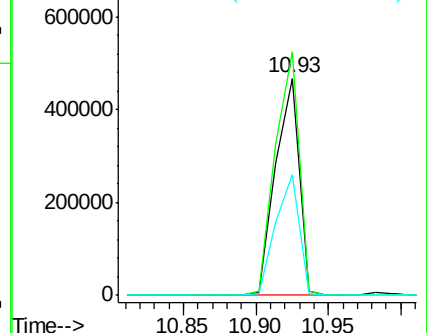
152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.27 ng

RT: 10.85 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

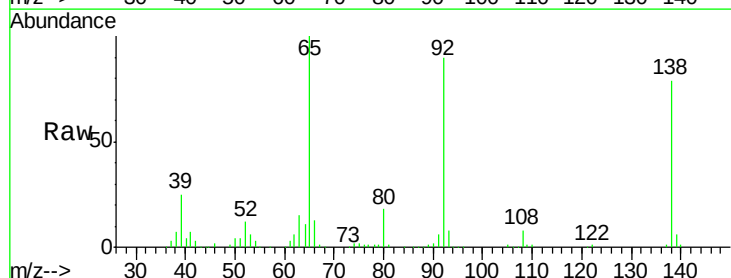
Tgt Ion:138 Resp: 176060

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

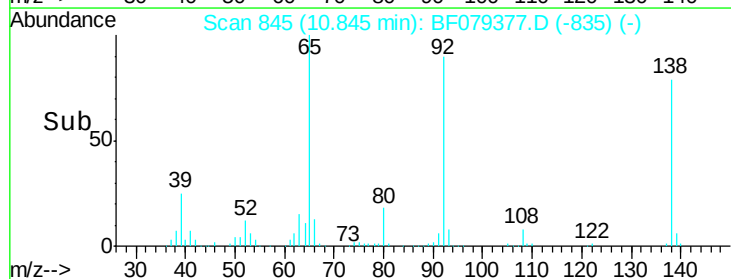
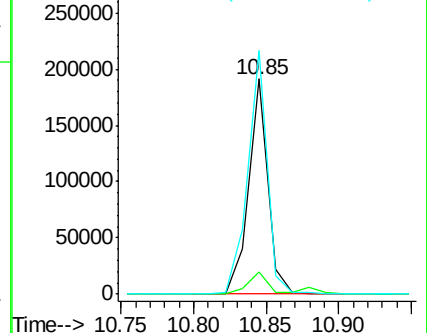
92 113.1 97.4 146.0

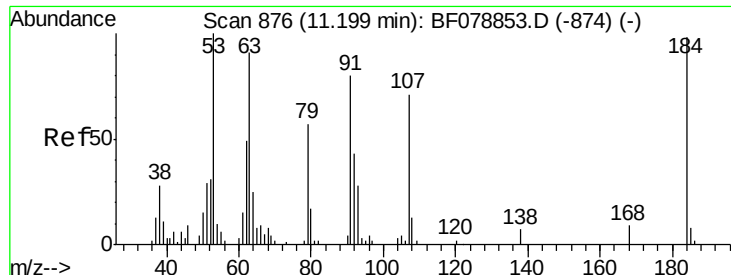


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

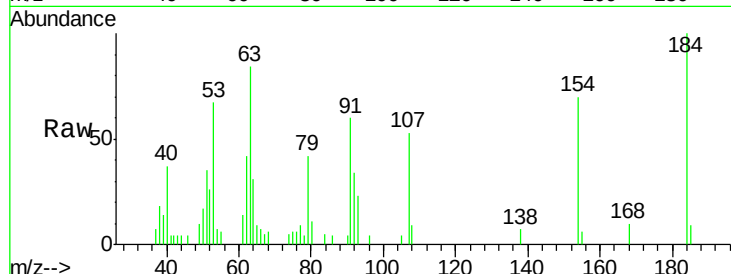




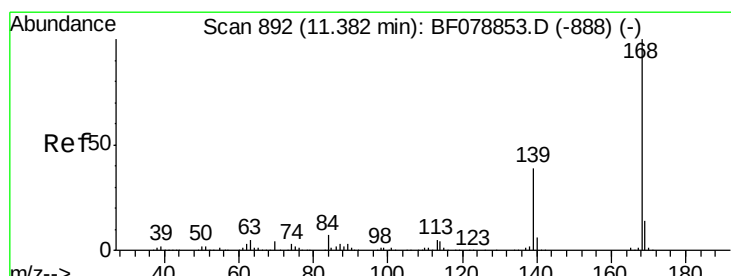
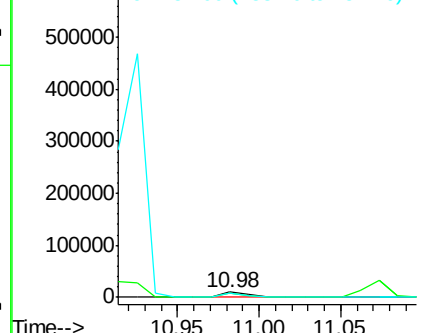
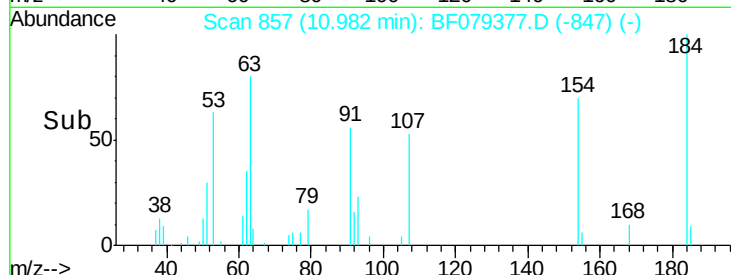
#53
2,4-Dinitrophenol
Concen: 17.73 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 12277
Ion Ratio Lower Upper
184 100
63 84.2 98.8 148.2#
154 69.6 63.4 95.0

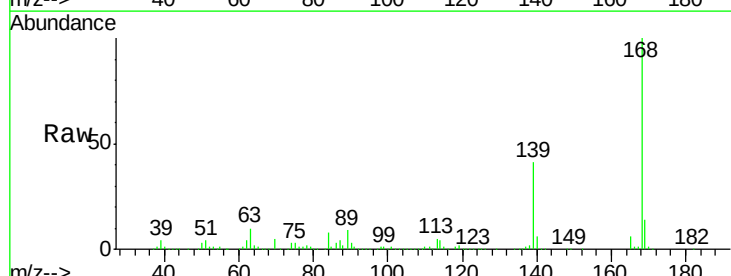


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

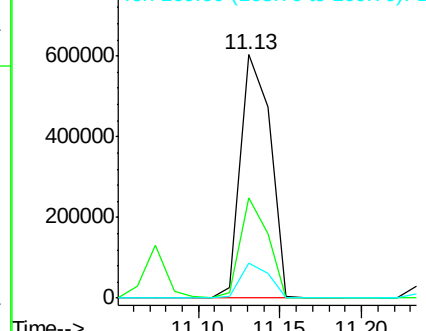
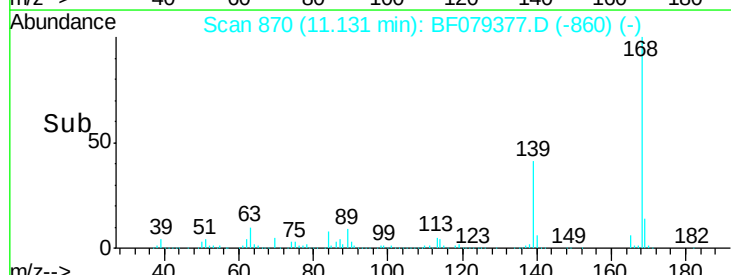


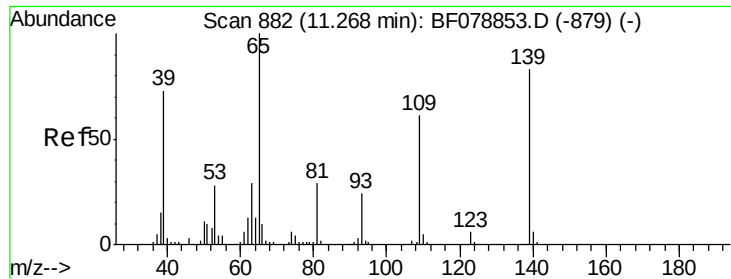
#54
Dibenzofuran
Concen: 35.96 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:168 Resp: 762010
Ion Ratio Lower Upper
168 100
139 41.3 31.5 47.3
169 14.2 11.0 16.4



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

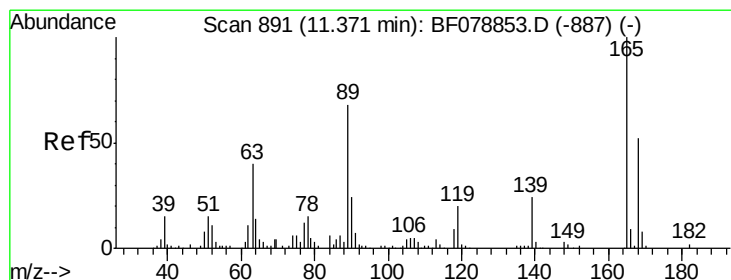
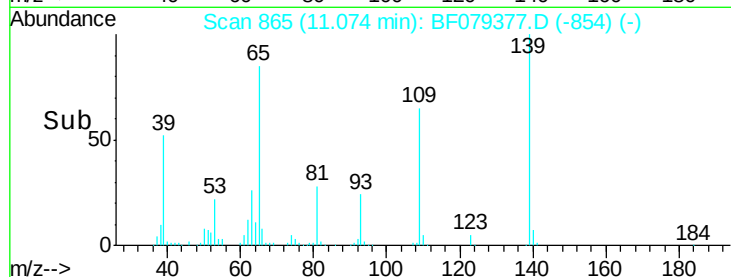
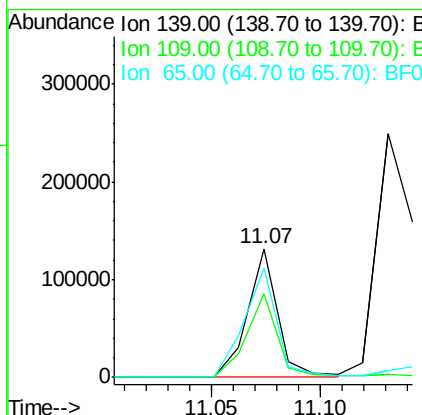
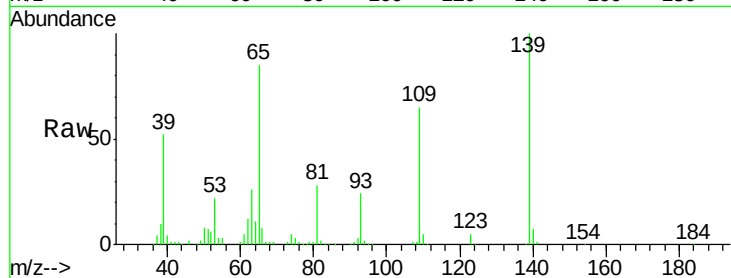




#55
4-Nitrophenol
Concen: 36.89 ng
RT: 11.07 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

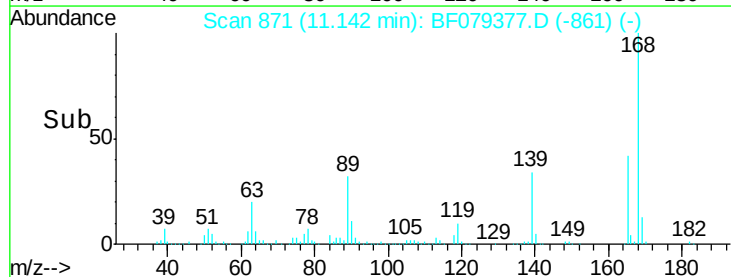
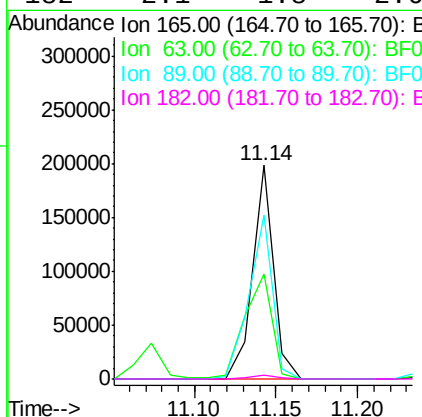
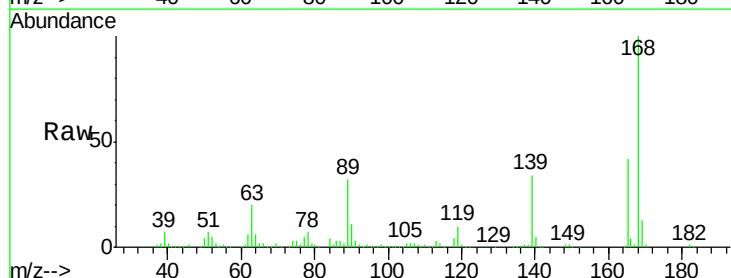
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

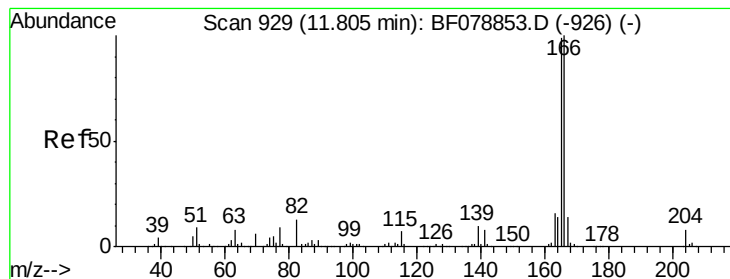
Tot Ion:139 Resp: 127657
Ion Ratio Lower Upper
139 100
109 64.9 54.4 94.4
65 84.7 101.0 141.0#



#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:165 Resp: 177212
Ion Ratio Lower Upper
165 100
63 49.1 32.3 48.5#
89 76.8 54.6 81.8
182 2.1 1.8 2.6





#57

Fluorene

Concen: 35.97 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

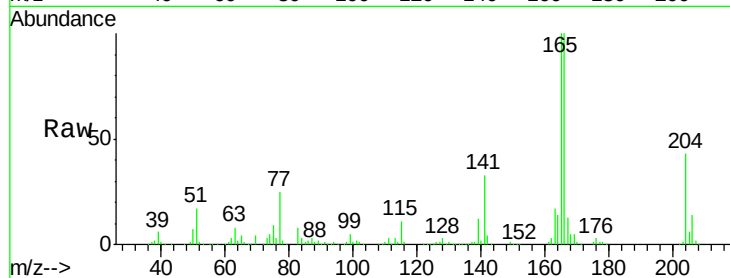
Tot Ion:166 Resp: 625748

Ion Ratio Lower Upper

166 100

165 99.7 79.5 119.3

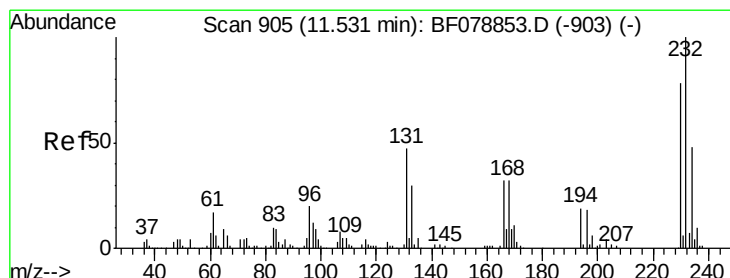
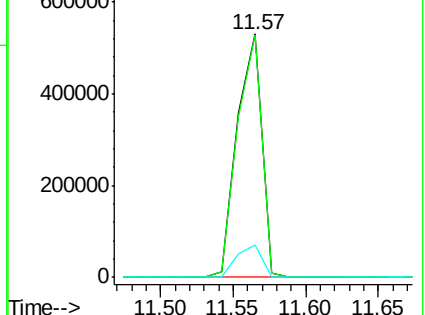
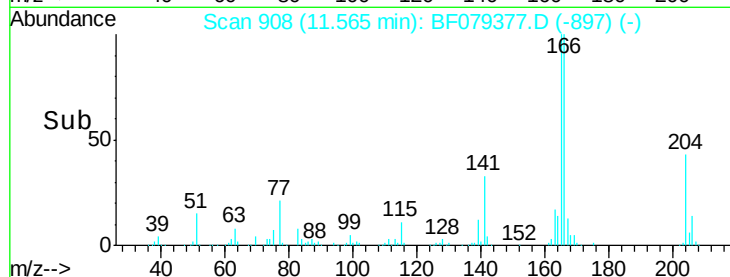
167 13.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.66 ng

RT: 11.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Tgt Ion:232 Resp: 141721

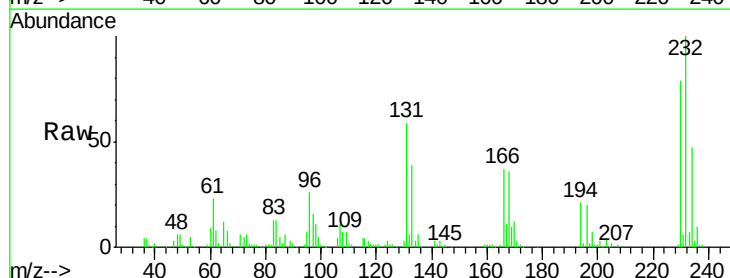
Ion Ratio Lower Upper

232 100

131 53.5 41.9 62.9

130 2.6 1.9 2.9

166 34.0 27.0 40.6

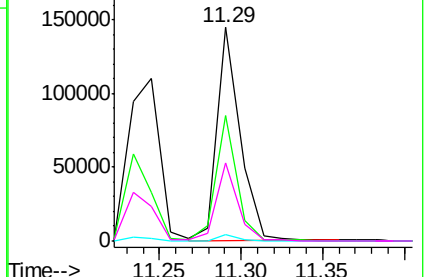
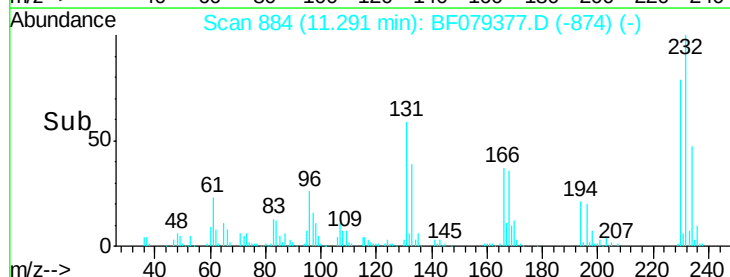


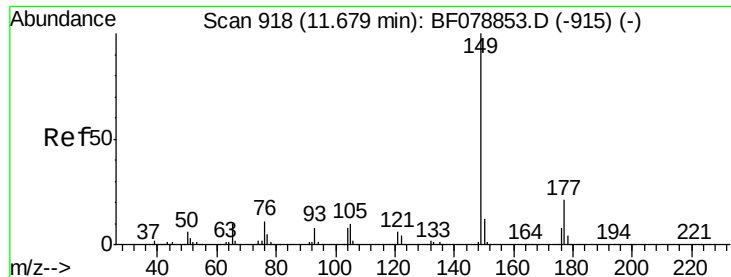
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

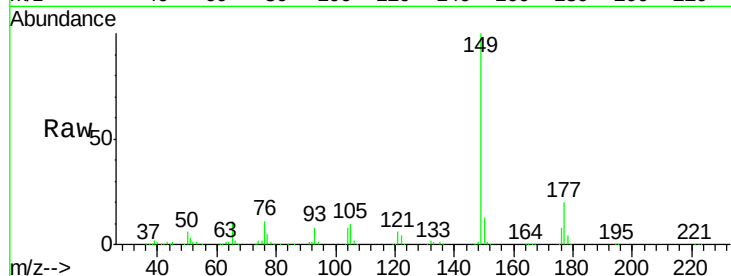




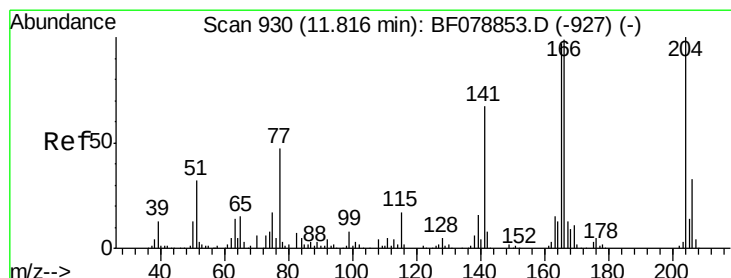
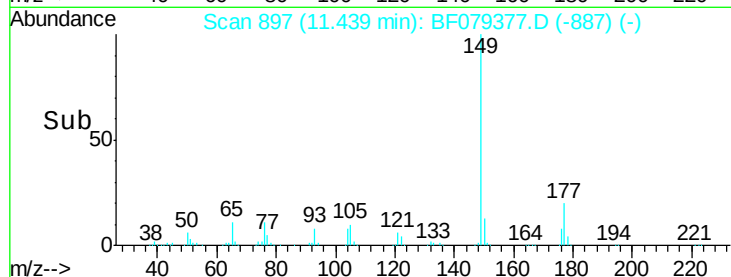
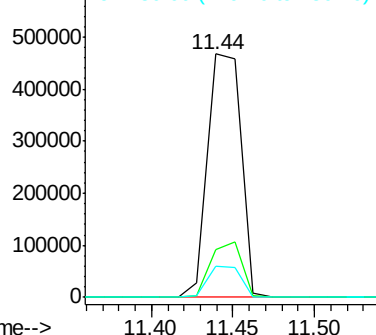
#59
Diethylphthalate
Concen: 37.53 ng
RT: 11.44 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 659392
Ion Ratio Lower Upper
149 100
177 19.9 16.4 24.6
150 13.0 9.8 14.6

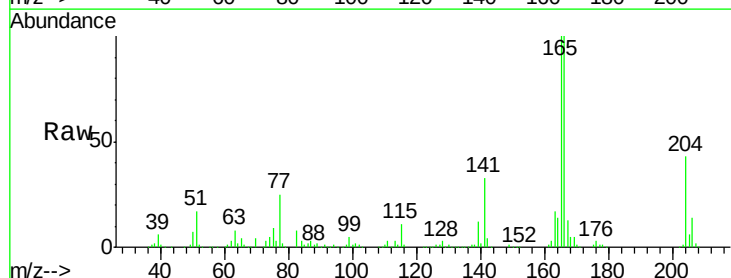


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

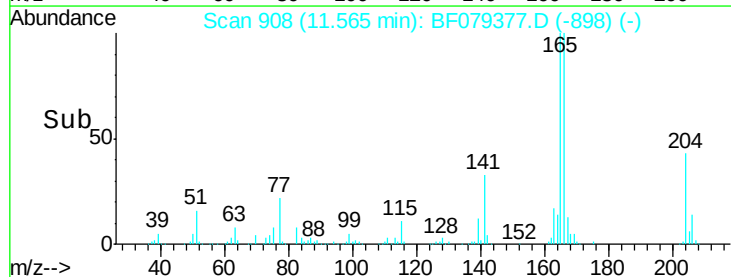
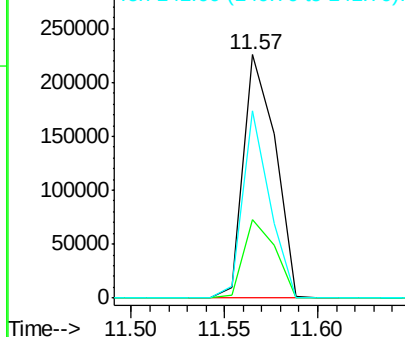


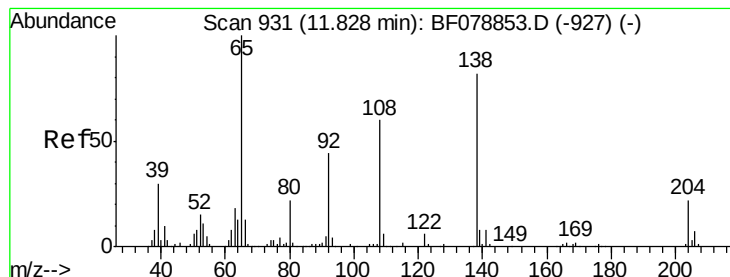
#60
4-Chlorophenyl-phenylether
Concen: 34.64 ng
RT: 11.57 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:204 Resp: 267324
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 76.9 53.6 80.4



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: 45.27 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

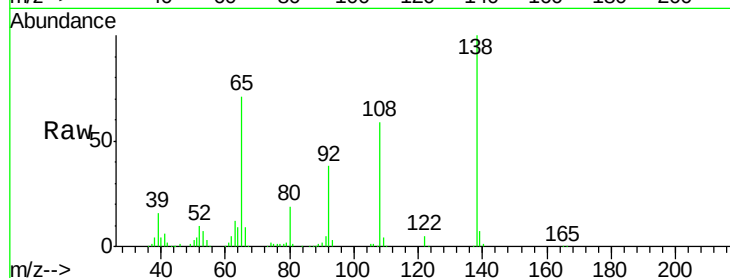
Tot Ion:138 Resp: 198008

Ion Ratio Lower Upper

138 100

92 38.3 33.7 73.7

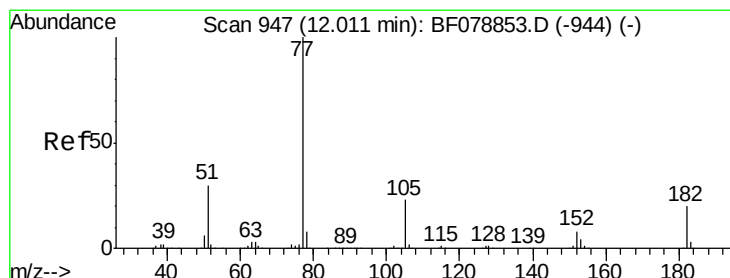
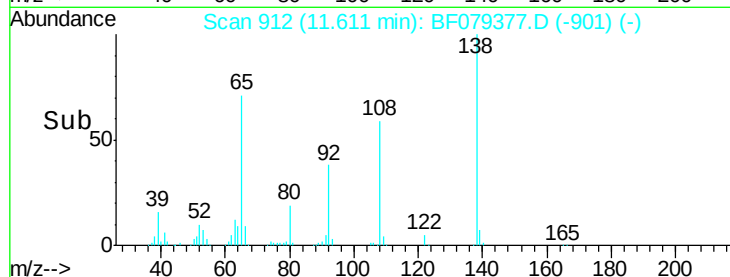
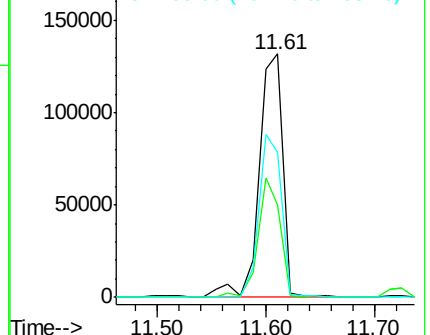
108 59.5 53.4 93.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.33 ng

RT: 11.77 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Tgt Ion: 77 Resp: 629054

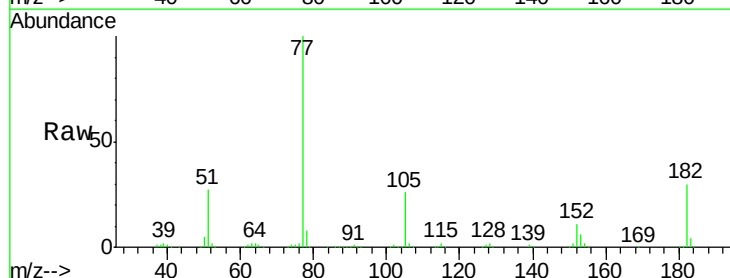
Ion Ratio Lower Upper

77 100

182 30.2 0.0 40.0

105 26.2 2.9 42.9

51 26.9 10.0 50.0

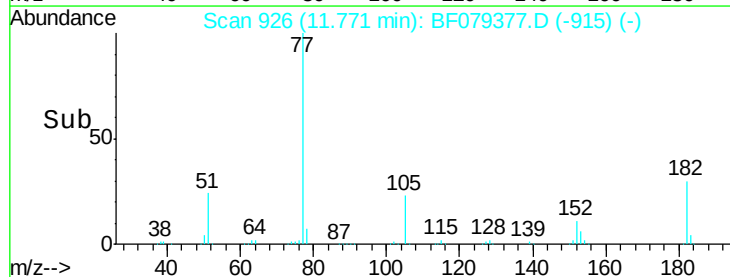
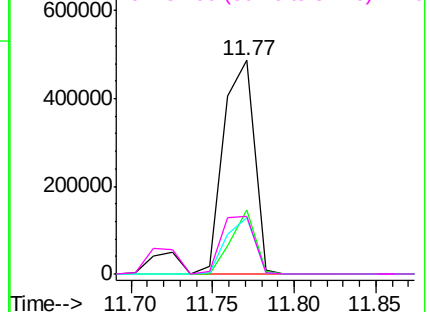


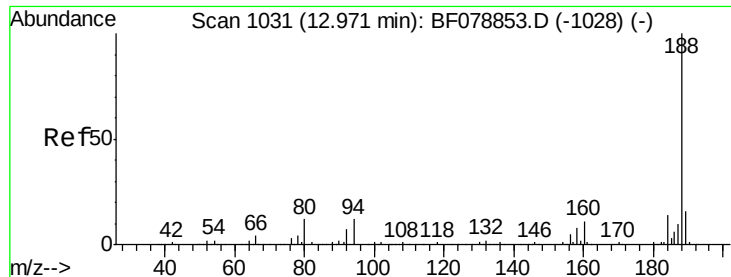
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

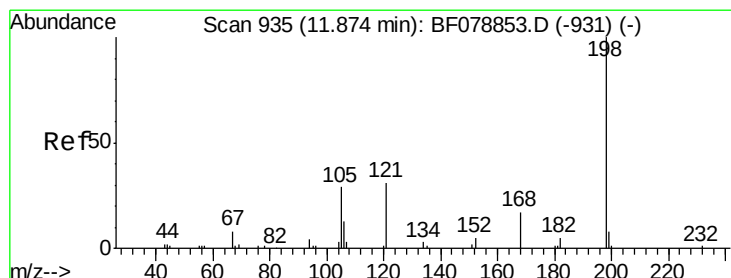
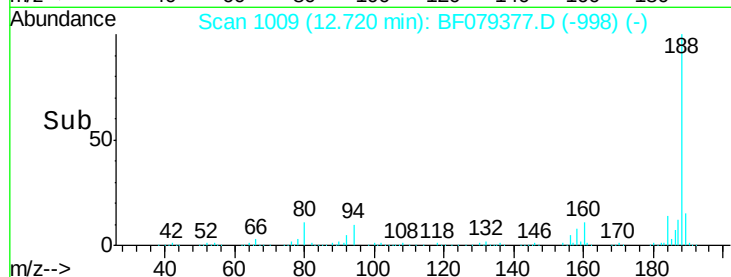
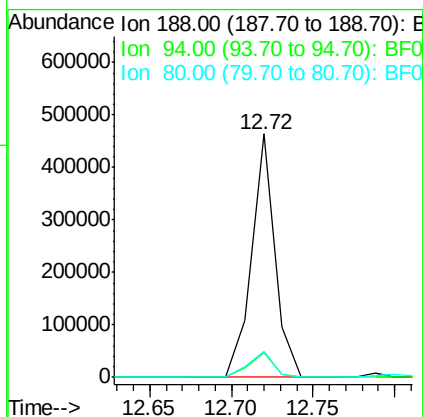
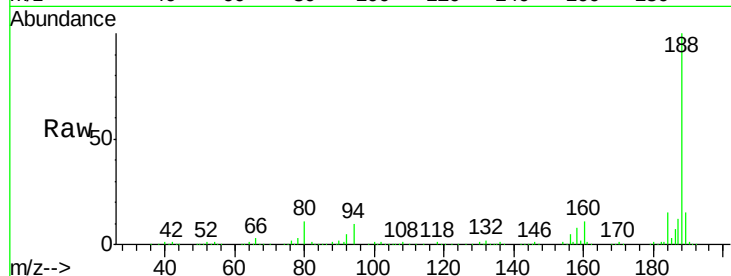




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

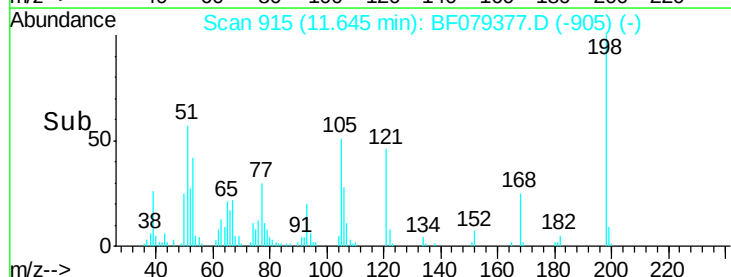
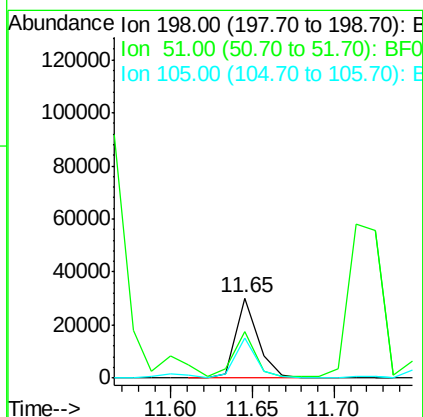
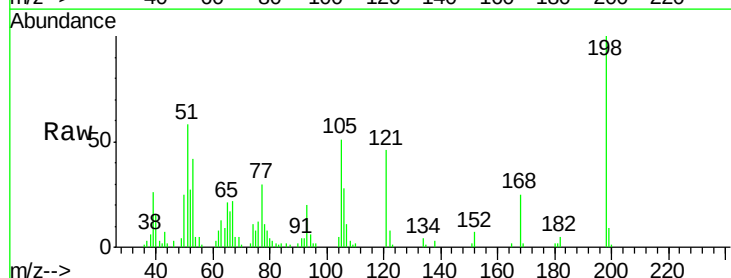
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

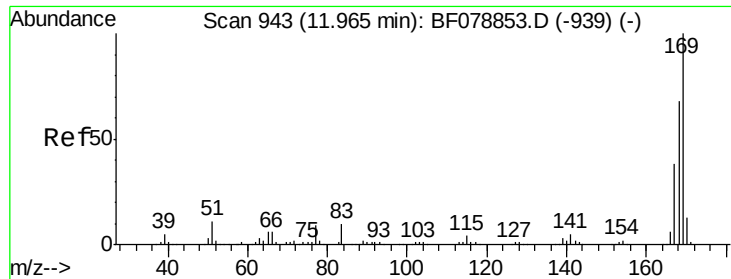
Tot Ion:188 Resp: 460573
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 10.7 9.8 14.6



#64
4,6-Dinitro-2-methylphenol
Concen: 19.74 ng
RT: 11.65 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:198 Resp: 28472
Ion Ratio Lower Upper
198 100
51 58.3 7.0 47.0#
105 50.7 13.7 53.7

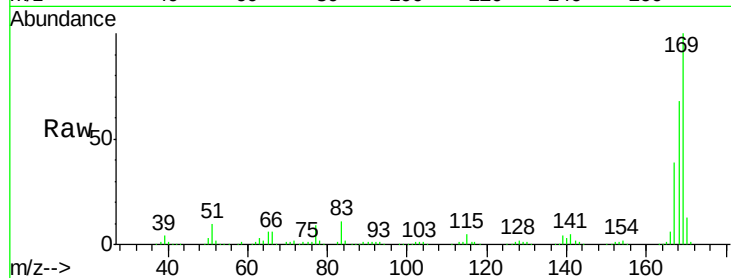




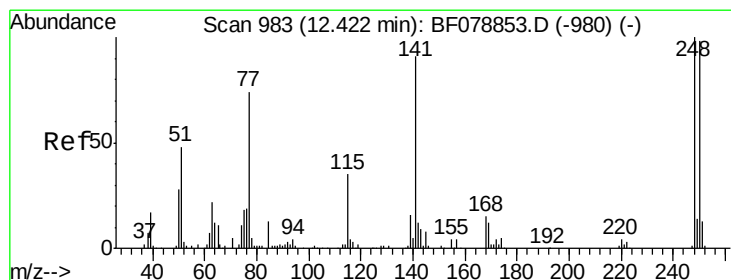
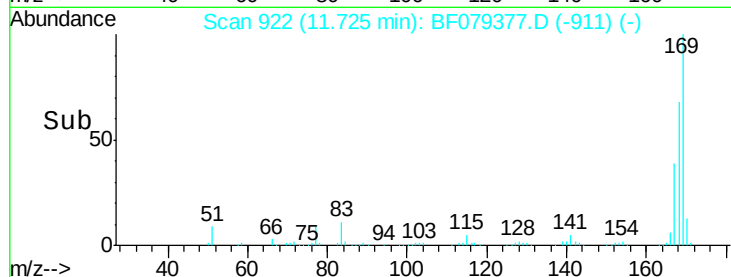
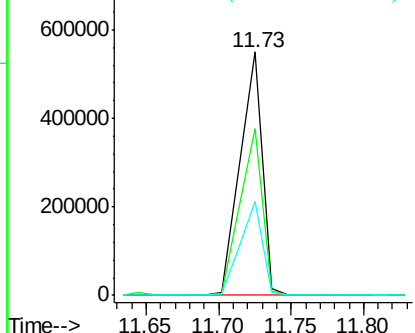
#65
 n-Nitrosodiphenylamine
 Concen: 38.18 ng
 RT: 11.73 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:169 Resp: 585606
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.1 81.1
 167 38.8 30.1 45.1

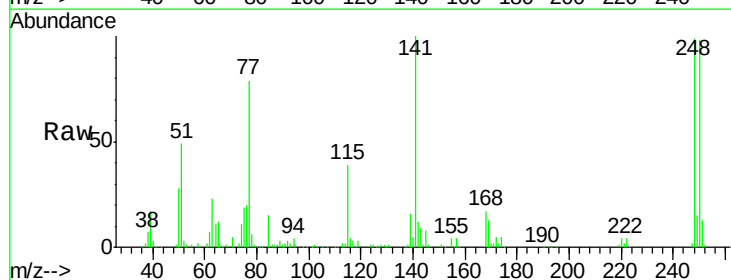


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

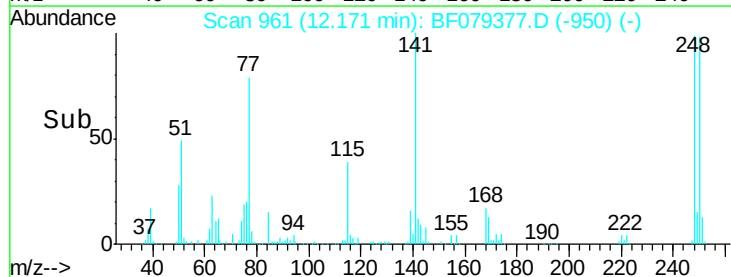
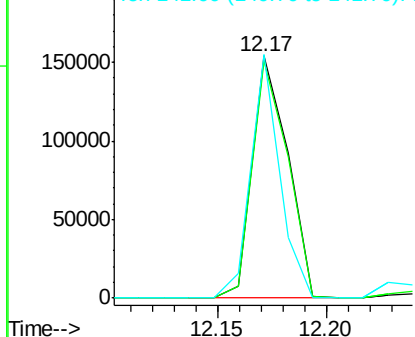


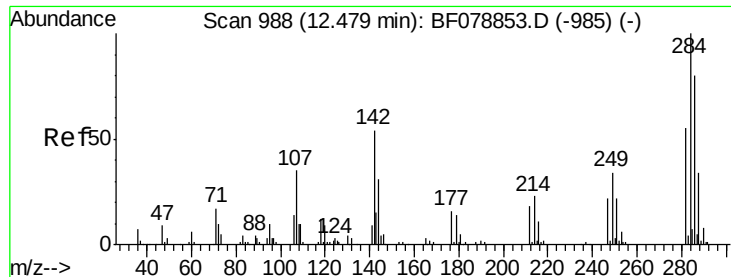
#66
 4-Bromophenyl-phenylether
 Concen: 36.32 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:248 Resp: 174370
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.0 117.0
 141 100.7 72.6 109.0



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

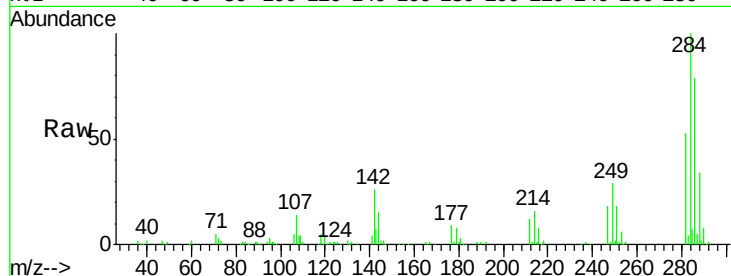




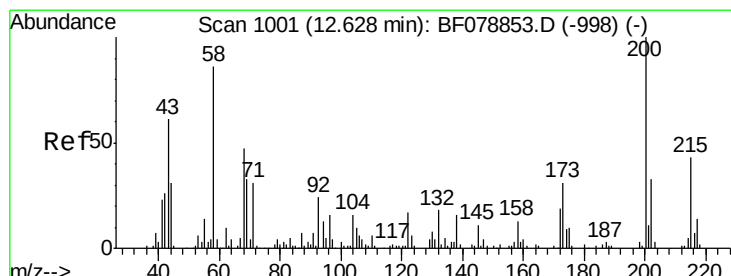
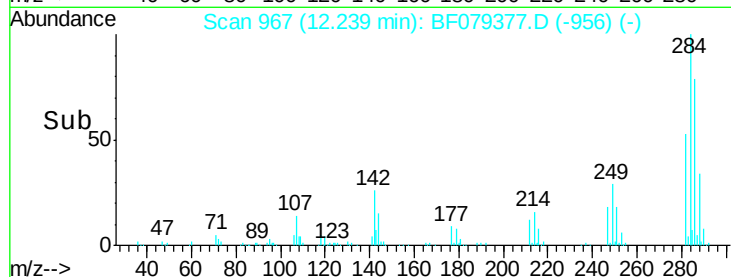
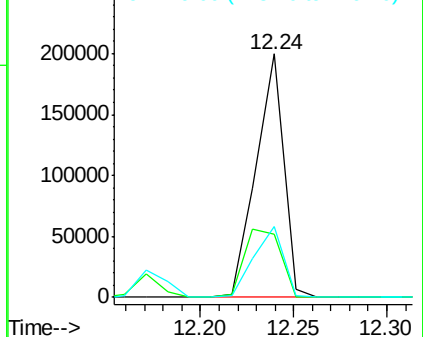
#67
Hexachlorobenzene
Concen: 37.28 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 204554
Ion Ratio Lower Upper
284 100
142 26.0 43.2 64.8#
249 29.1 27.5 41.3

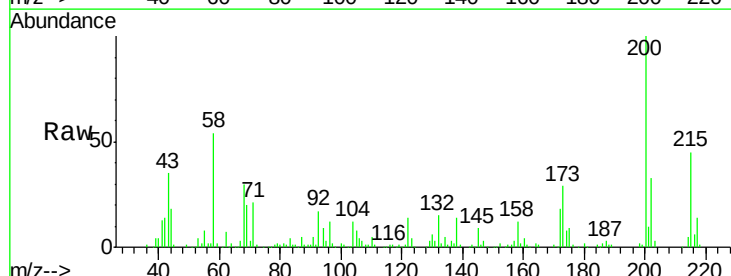


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

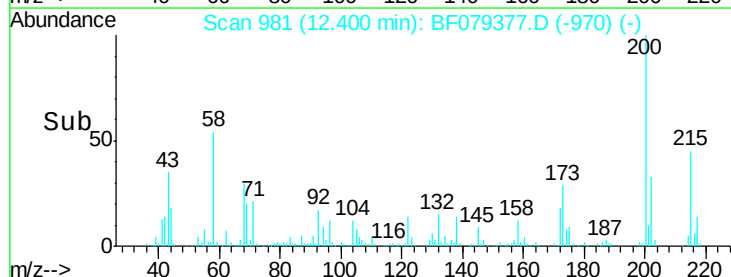
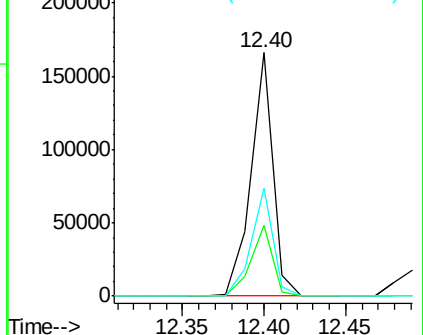


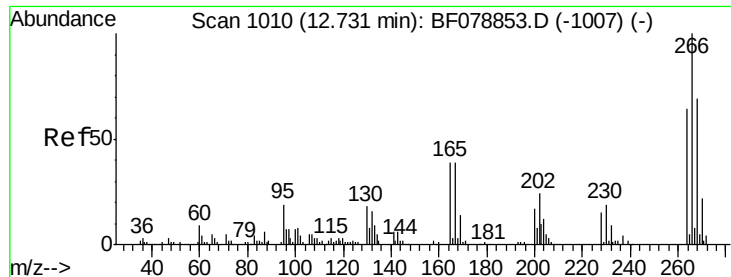
#68
Atrazine
Concen: 34.71 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:200 Resp: 154840
Ion Ratio Lower Upper
200 100
173 29.3 10.9 50.9
215 44.6 23.2 63.2



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

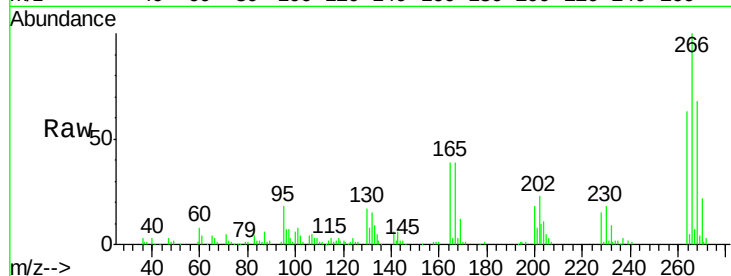




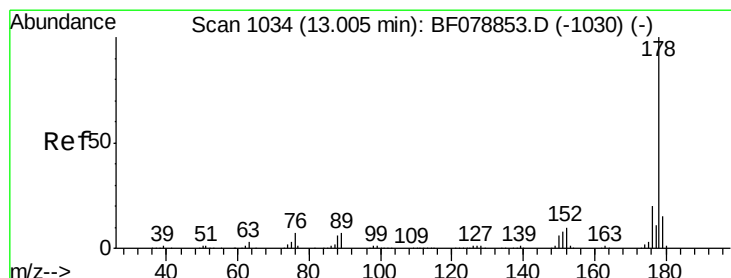
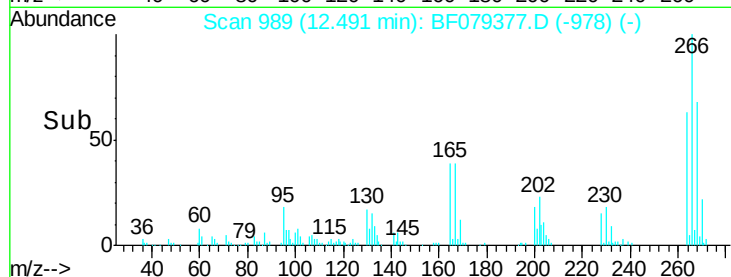
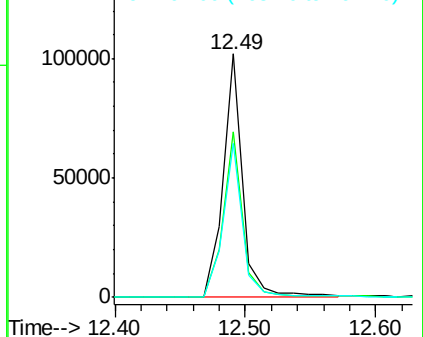
#69
 Pentachlorophenol
 Concen: 37.50 ng
 RT: 12.49 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 107634
 Ion Ratio Lower Upper
 266 100
 268 68.2 55.0 82.6
 264 63.1 50.9 76.3

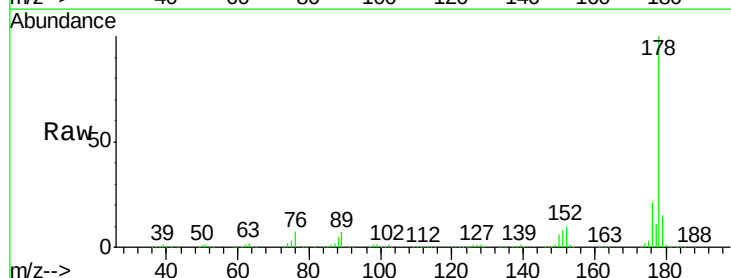


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

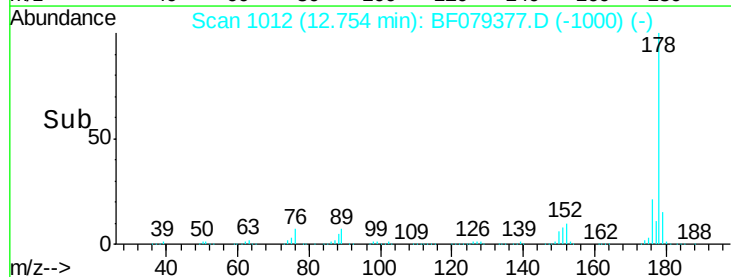
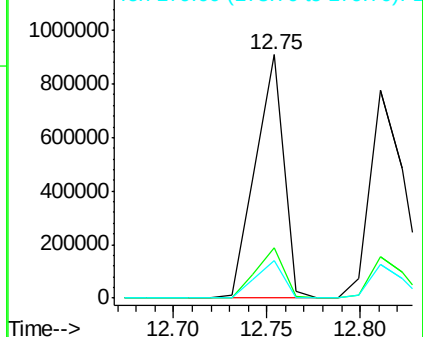


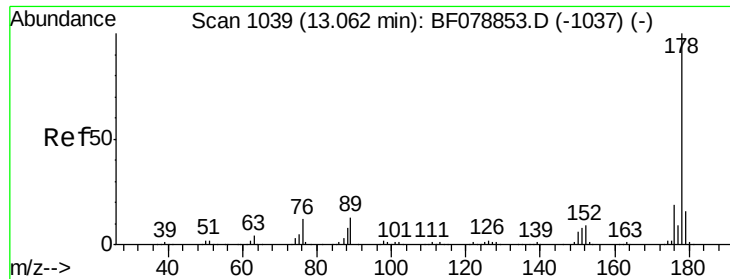
#70
 Phenanthrene
 Concen: 36.99 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:178 Resp: 953153
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.9 23.9
 179 15.5 12.2 18.4



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

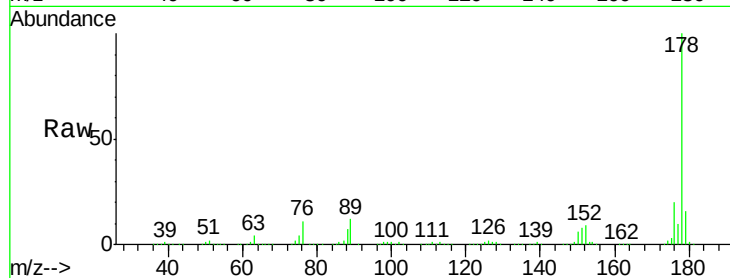




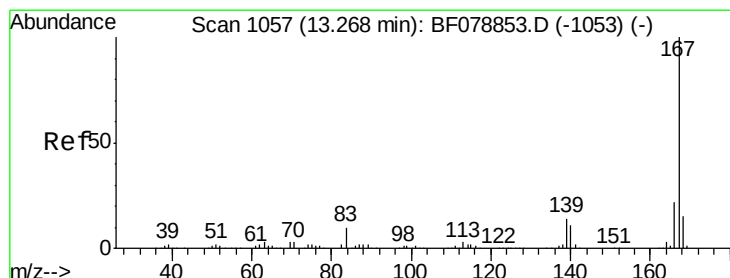
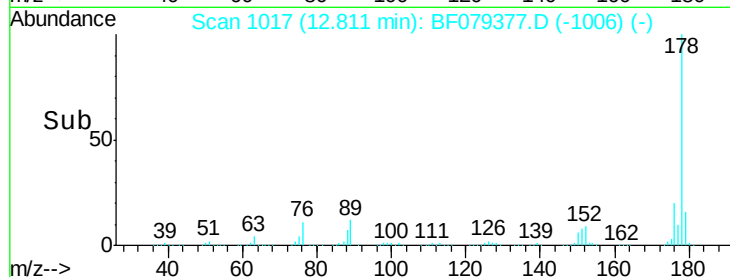
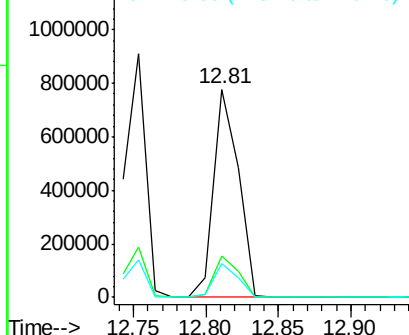
#71
 Anthracene
 Concen: 36.43 ng
 RT: 12.81 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 920808
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 16.1 12.6 19.0

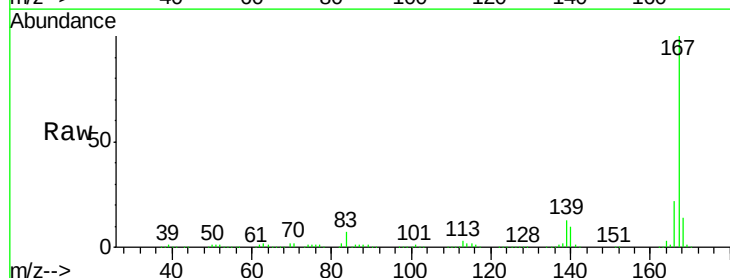


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

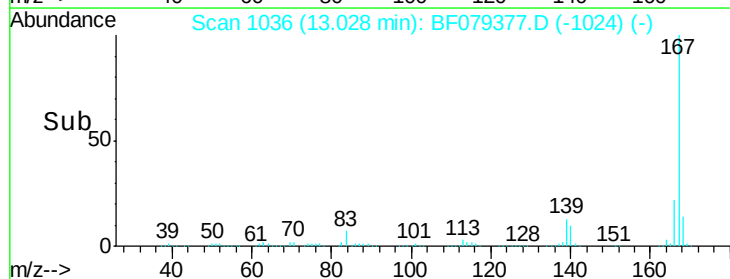
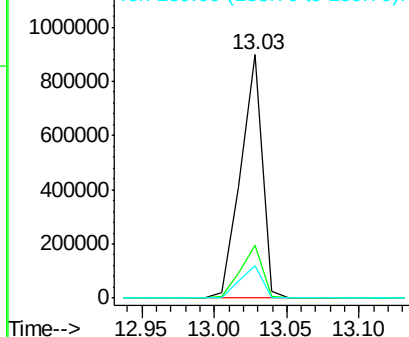


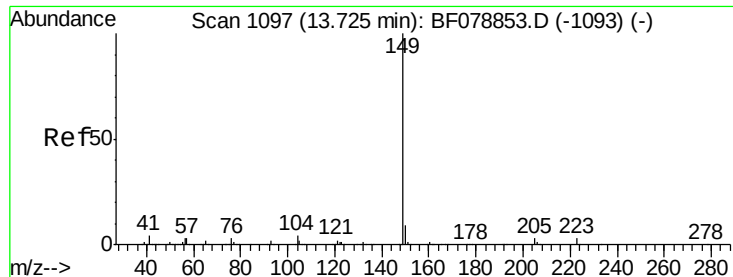
#72
 Carbazole
 Concen: 38.61 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:167 Resp: 930119
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.3 11.0 16.4



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





#73

Di-n-butylphthalate

Concen: 38.25 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

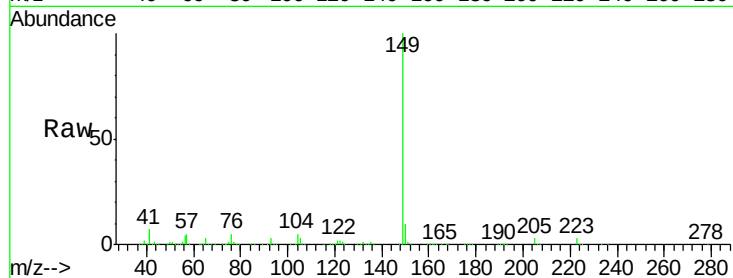
Tot Ion:149 Resp: 1105191

Ion Ratio Lower Upper

149 100

150 9.8 7.0 10.4

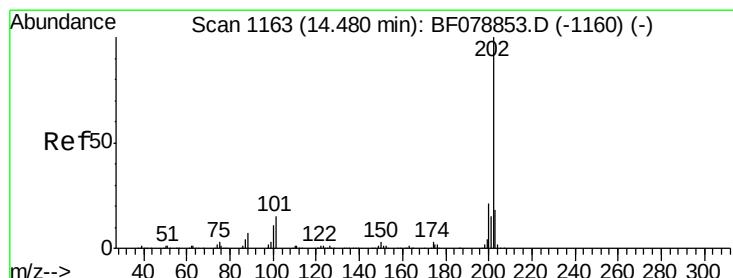
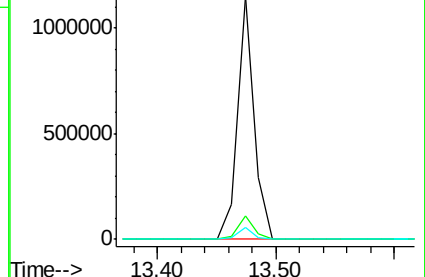
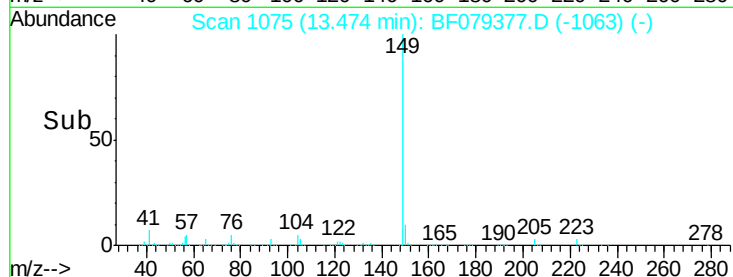
104 4.9 3.3 4.9



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: 37.26 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

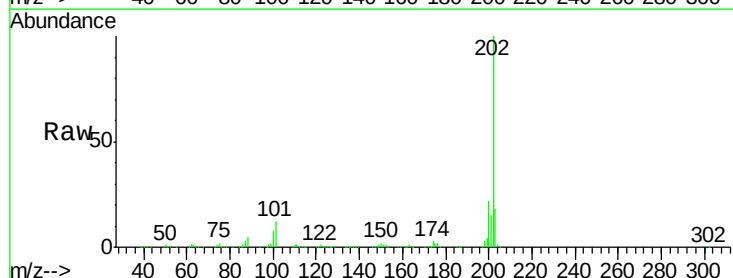
Tgt Ion:202 Resp: 1000314

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.7

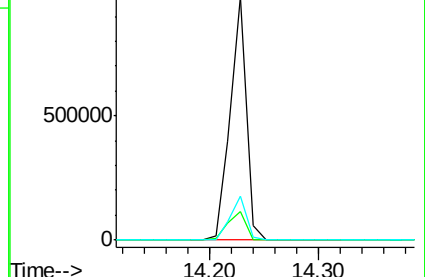
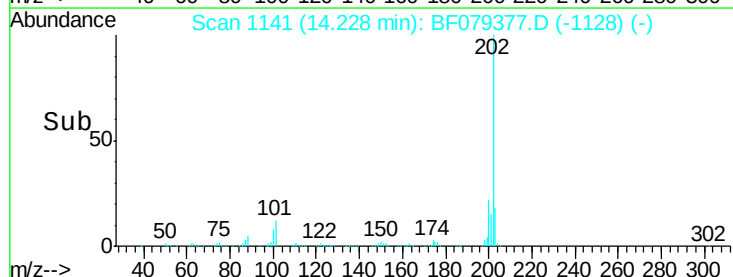
203 18.3 0.0 37.9

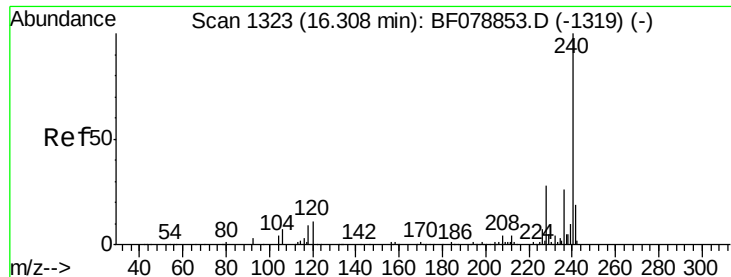


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.03 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

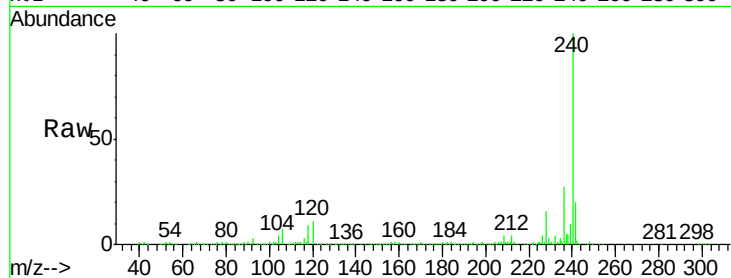
Tot Ion:240 Resp: 475850

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

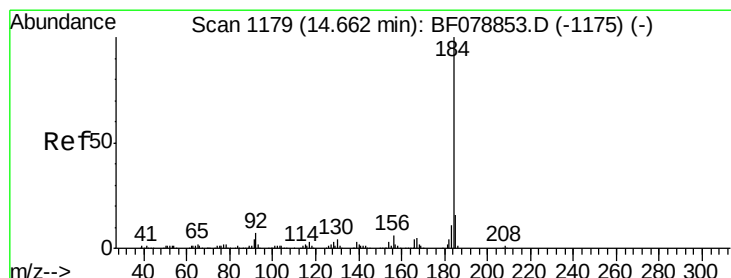
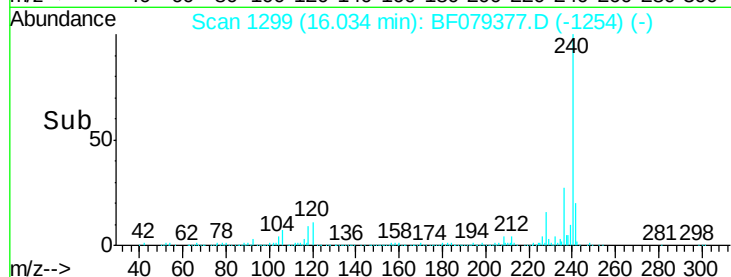
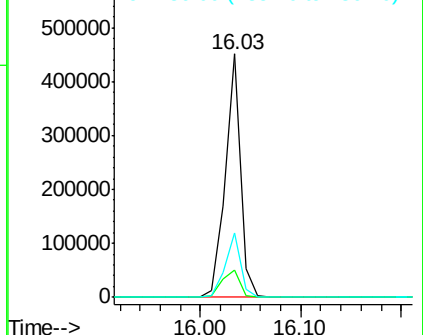
236 26.7 21.0 31.6



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: 43.18 ng

RT: 14.41 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

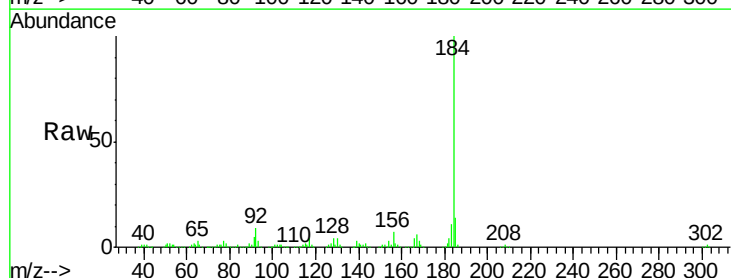
Tgt Ion:184 Resp: 553744

Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

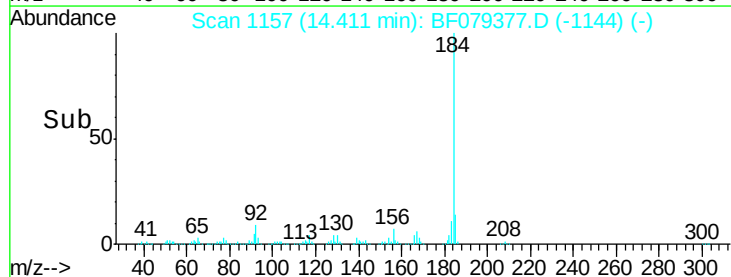
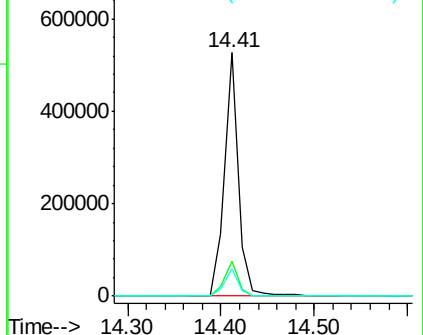
183 11.3 9.0 13.4

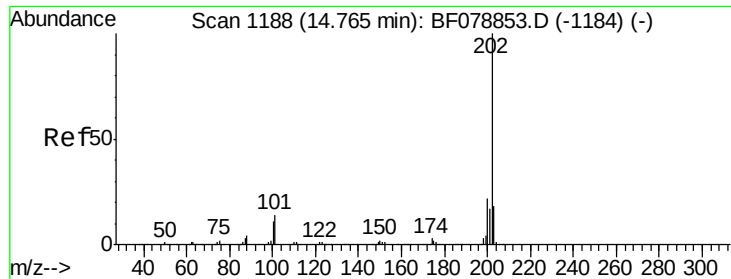


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

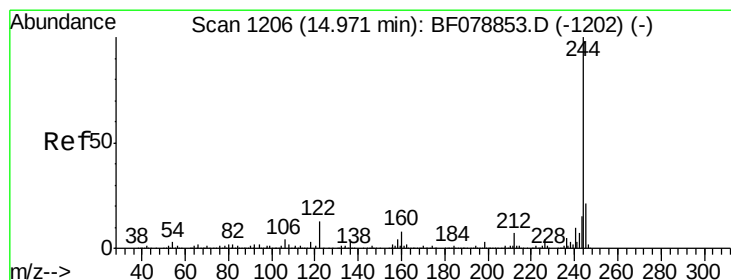
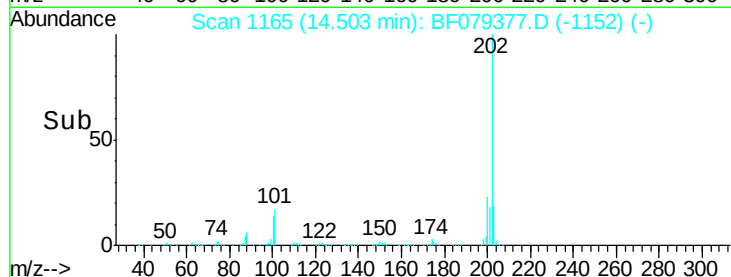
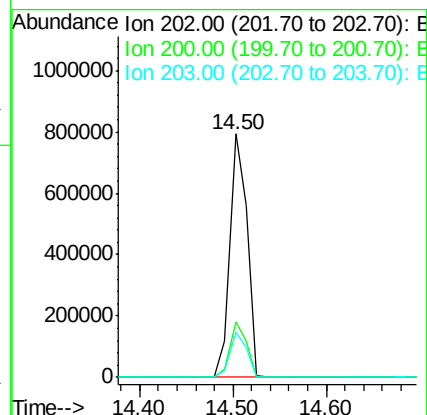
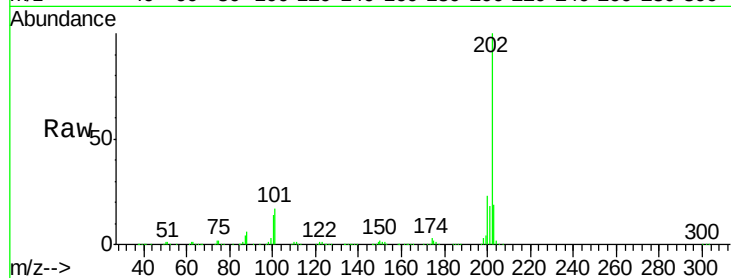




#77
Pvrene
Concen: 37.23 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

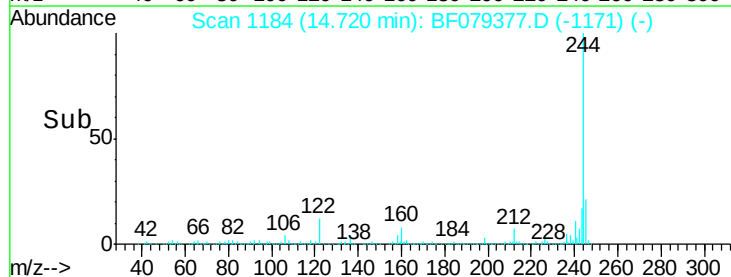
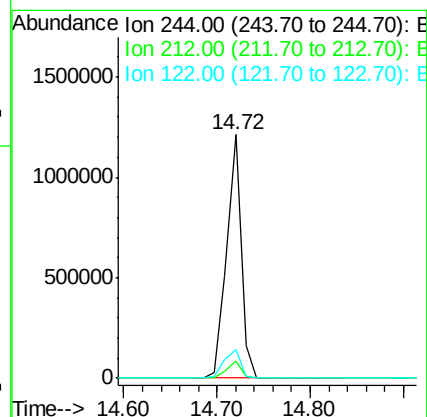
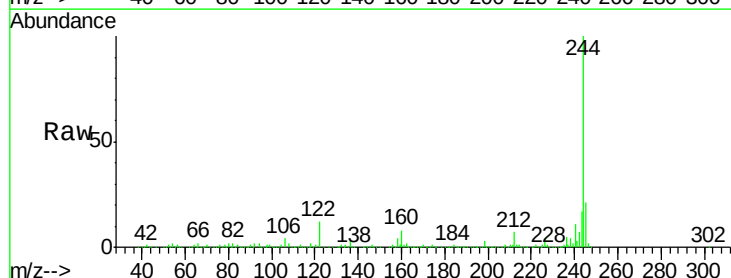
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

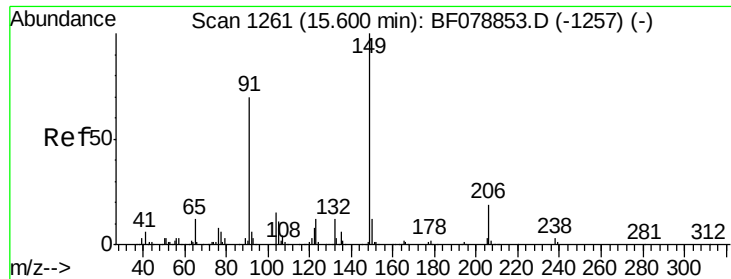
Tot Ion:202 Resp: 1020922
Ion Ratio Lower Upper
202 100
200 22.7 17.5 26.3
203 18.7 14.7 22.1



#78
Terphenyl-d14
Concen: 65.88 ng
RT: 14.72 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:244 Resp: 1309415
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.9 10.5 15.7

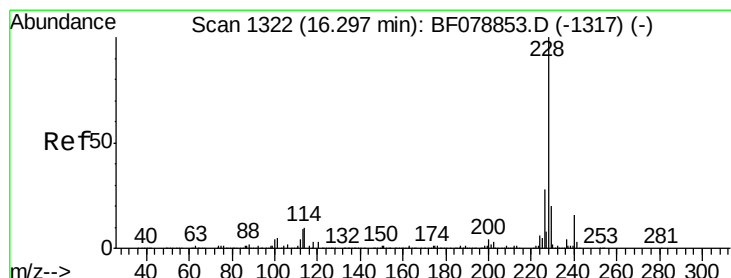
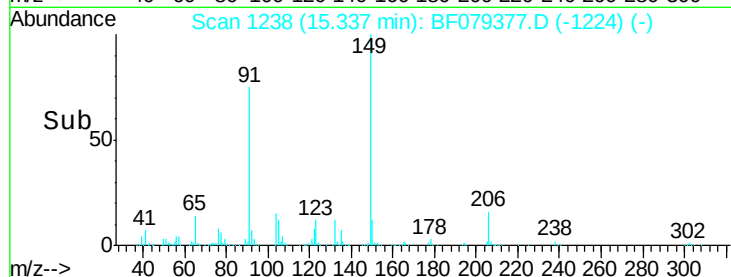
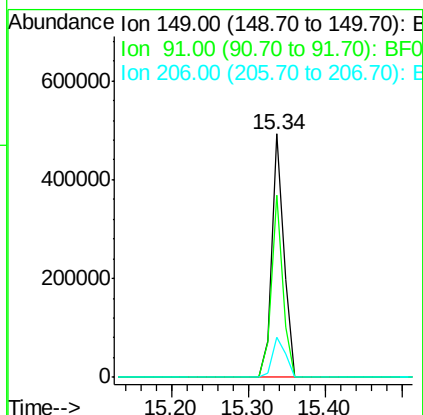
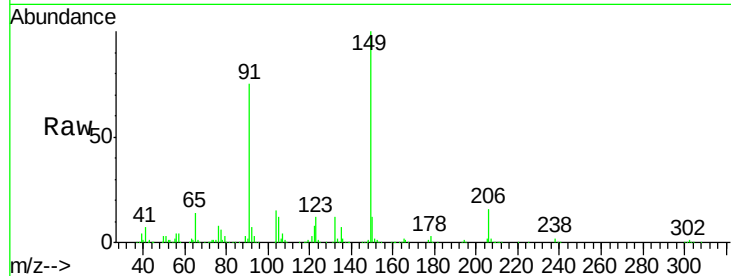




#79
Butylbenzylphthalate
Concen: 44.19 ng
RT: 15.34 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

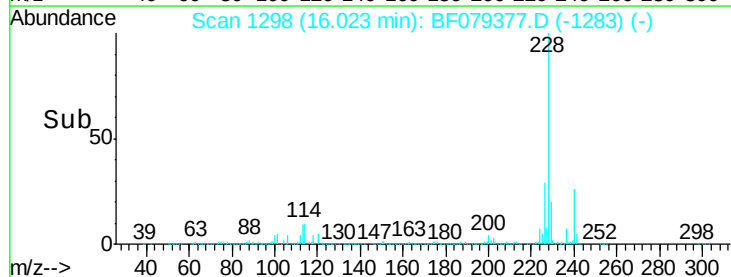
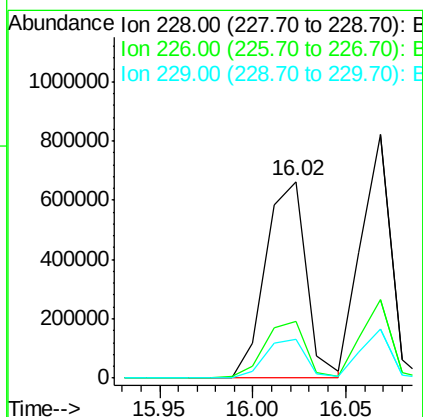
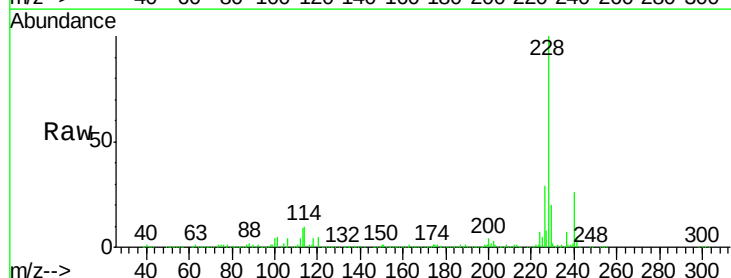
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

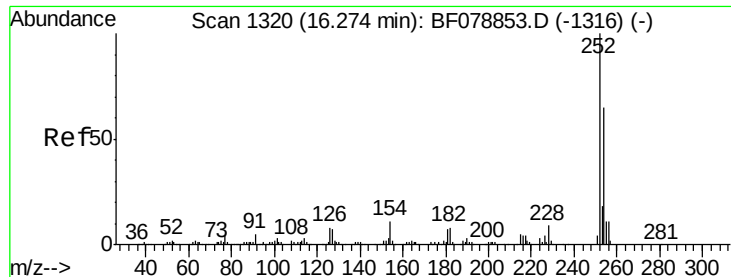
Tot Ion:149 Resp: 529718
Ion Ratio Lower Upper
149 100
91 75.1 56.2 84.2
206 16.5 15.2 22.8



#80
Benzo(a)anthracene
Concen: 38.62 ng
RT: 16.02 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:228 Resp: 1006391
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 19.7 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 43.85 ng

RT: 16.00 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

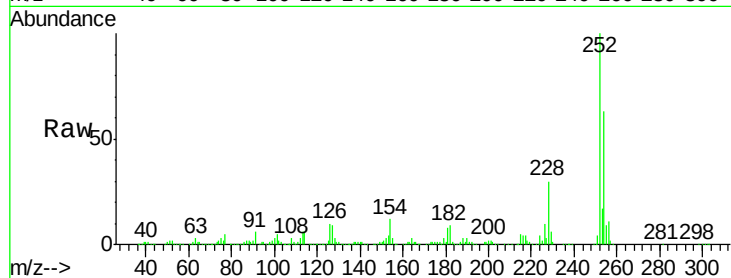
Tot Ion:252 Resp: 407032

Ion Ratio Lower Upper

252 100

254 63.0 52.2 78.2

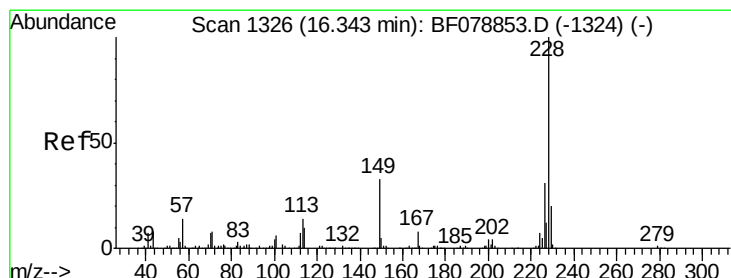
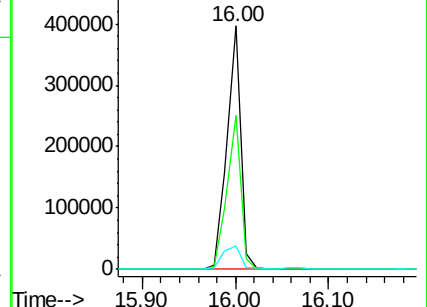
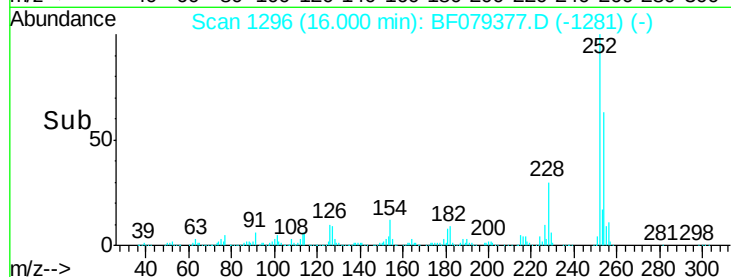
126 9.8 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.02 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

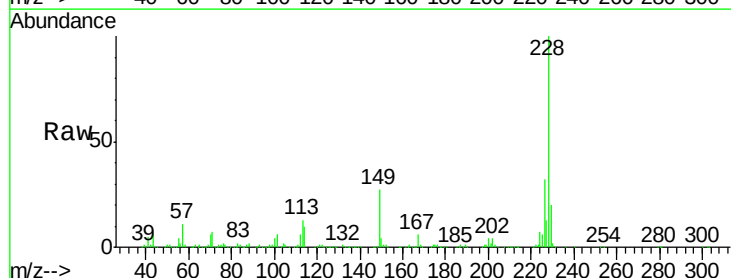
Tgt Ion:228 Resp: 902776

Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

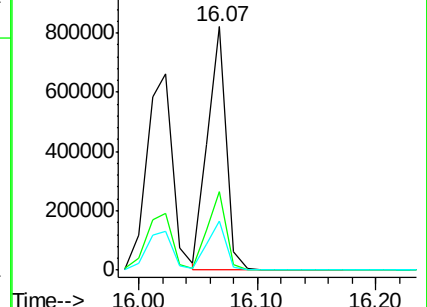
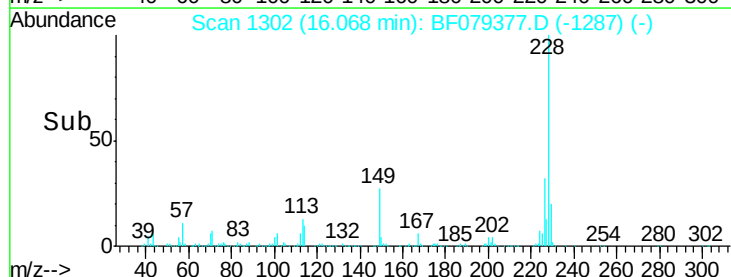
229 20.1 16.1 24.1

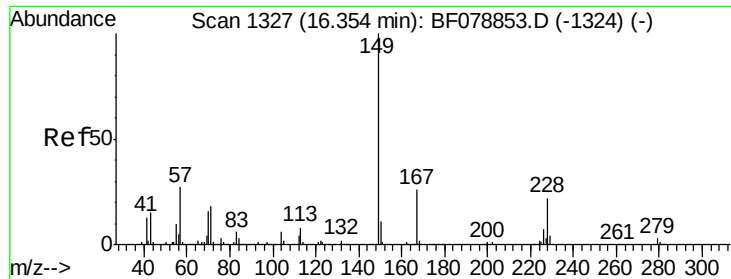


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

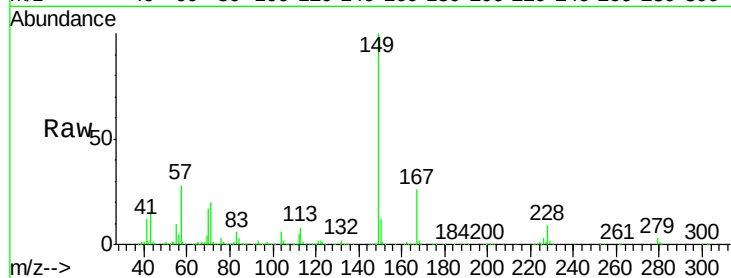




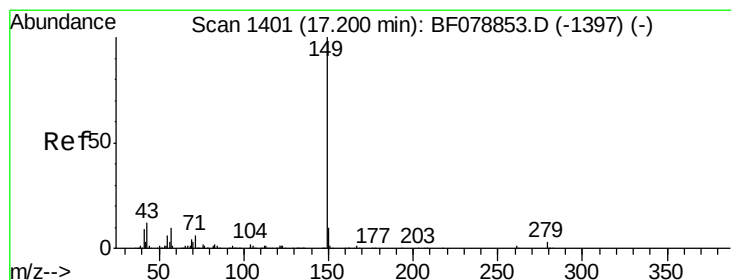
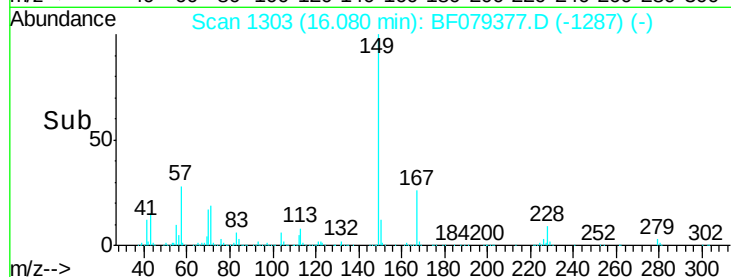
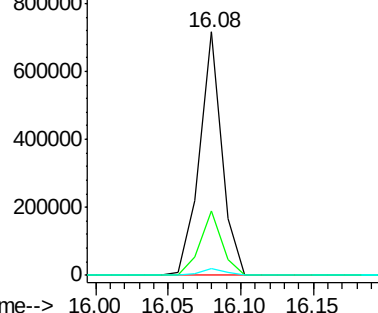
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.01 ng
 RT: 16.08 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 762725
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 3.0 2.6 4.0

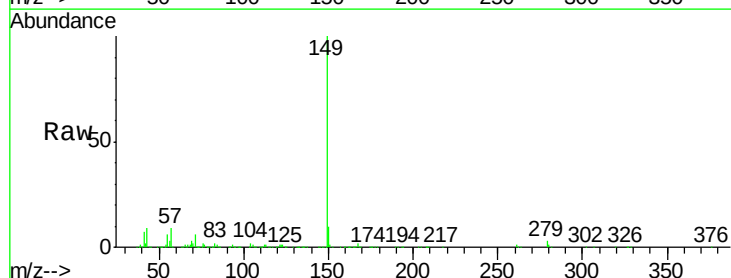


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

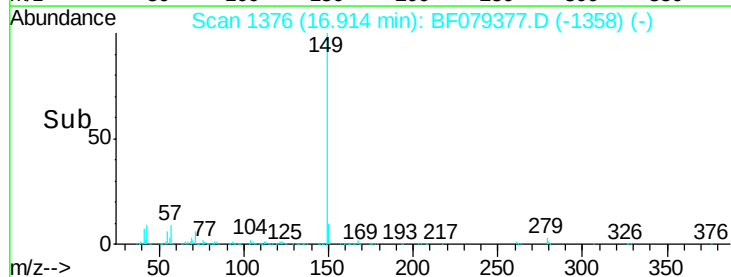
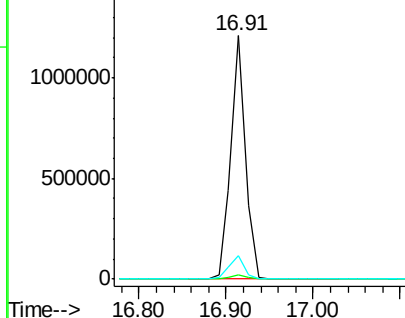


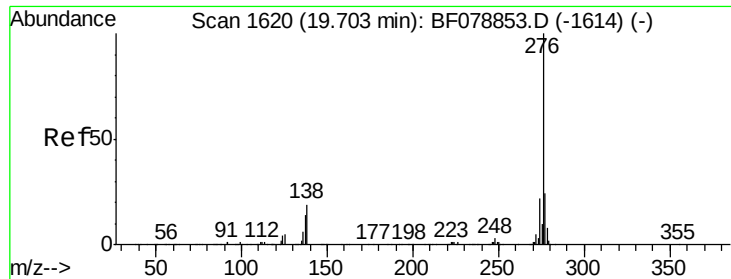
#84
 Di-n-octyl phthalate
 Concen: 44.03 ng
 RT: 16.91 min Scan# 1376
 Delta R.T. 0.02 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:149 Resp: 1407771
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

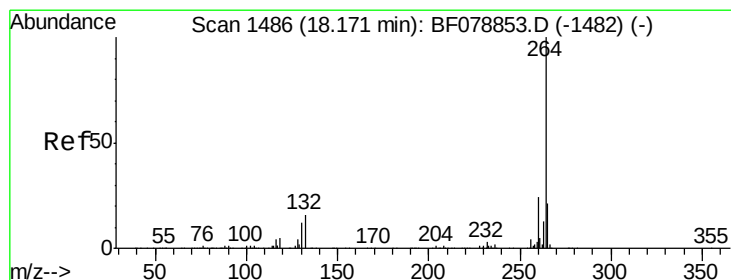
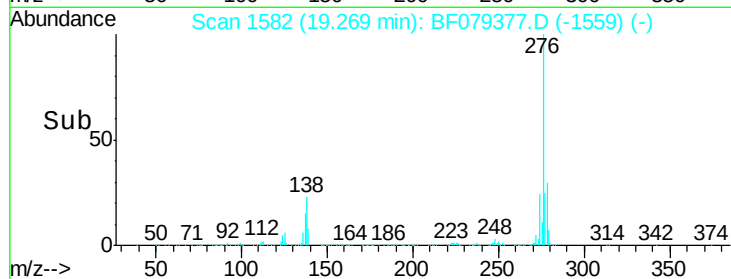
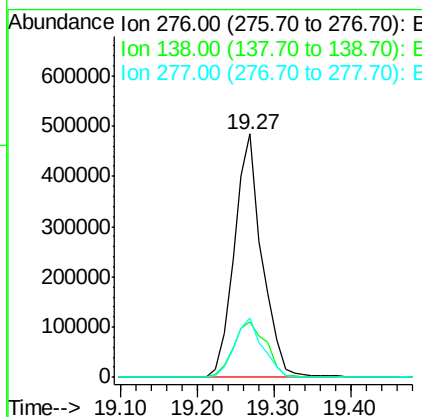
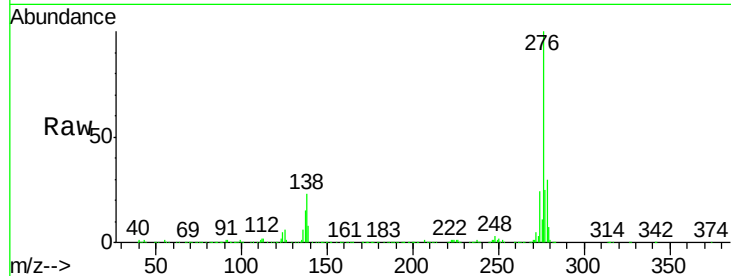




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.22 ng
 RT: 19.27 min Scan# 1582
 Delta R.T. 0.06 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

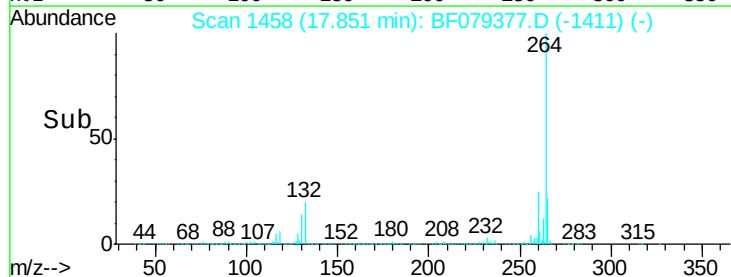
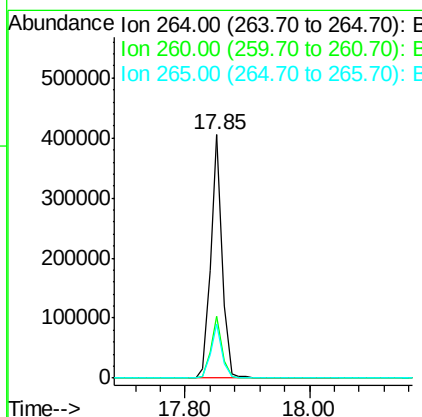
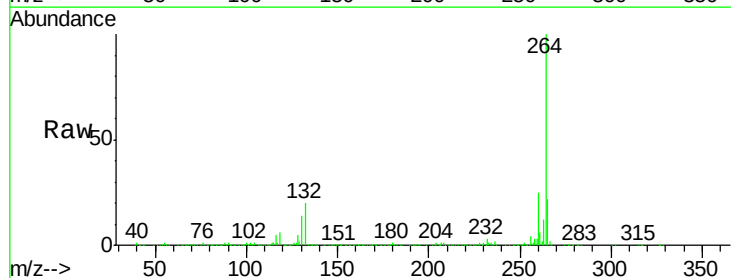
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

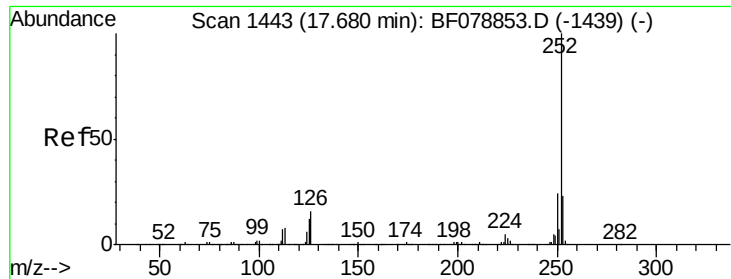
Tot Ion:276 Resp: 1220506
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.1 31.7
 277 25.2 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. 0.03 min
 Lab File: BF079377.D
 Acq: 20 May 2015 10:14

Tgt Ion:264 Resp: 507833
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.1 17.2 25.8

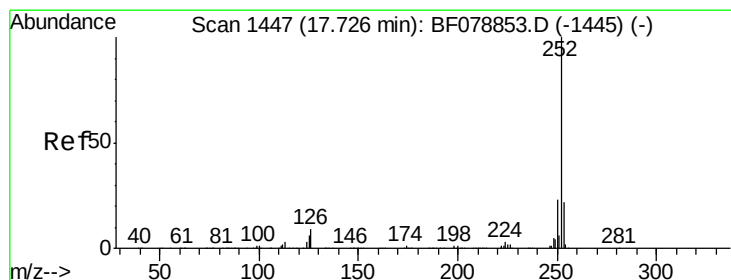
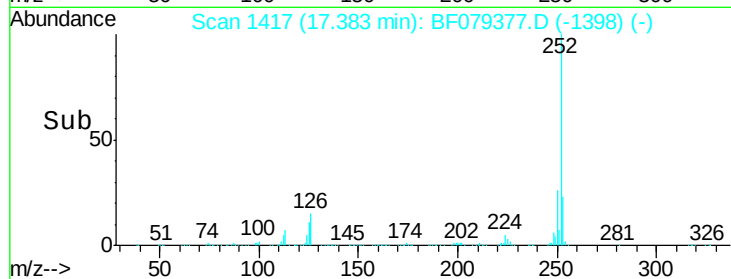
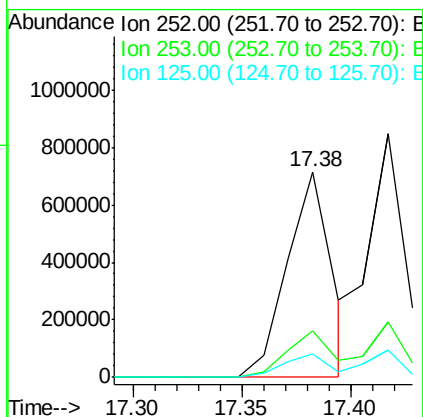
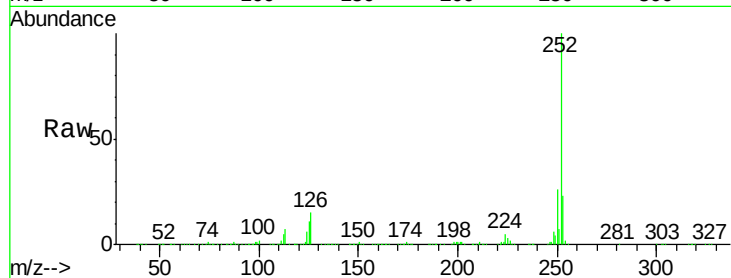




#87
Benzo(b)fluoranthene
Concen: 36.54 ng
RT: 17.38 min Scan# 1417
Delta R.T. 0.03 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

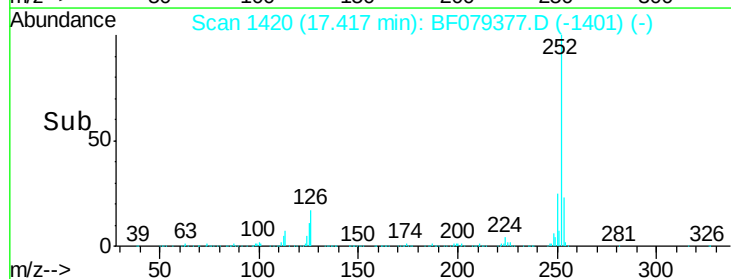
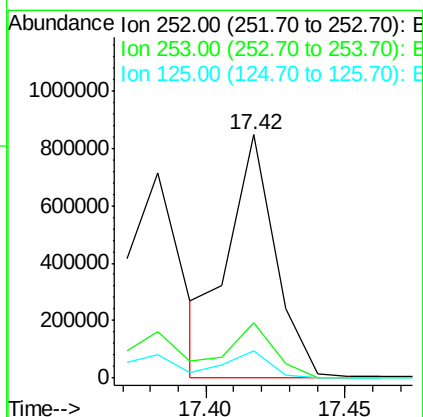
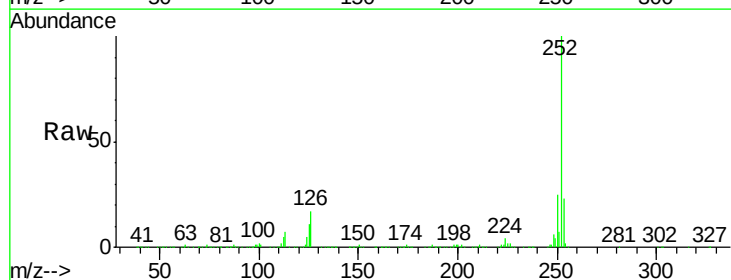
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

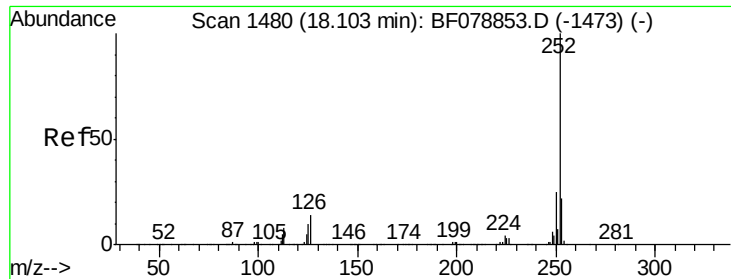
Tot Ion:252 Resp: 1015635
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.3 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 36.49 ng m
RT: 17.42 min Scan# 1420
Delta R.T. 0.03 min
Lab File: BF079377.D
Acq: 20 May 2015 10:14

Tgt Ion:252 Resp: 981872
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 11.3 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 38.28 ng

RT: 17.78 min Scan# 1452

Delta R.T. 0.03 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

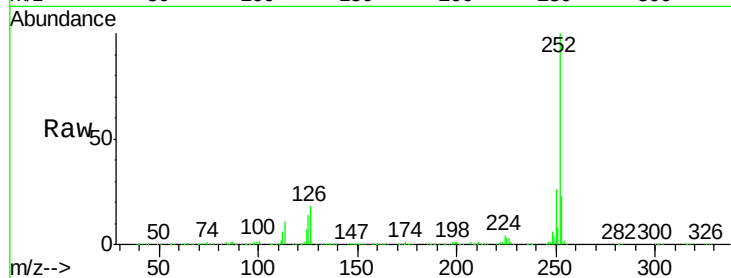
Tot Ion:252 Resp: 979721

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

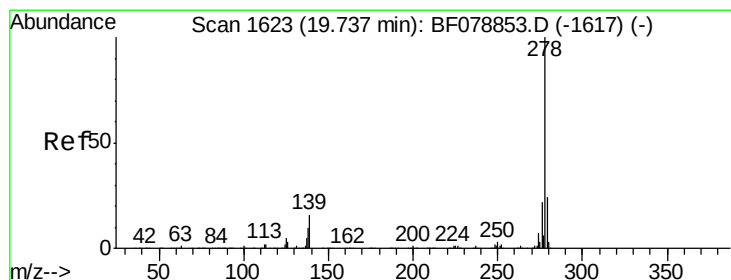
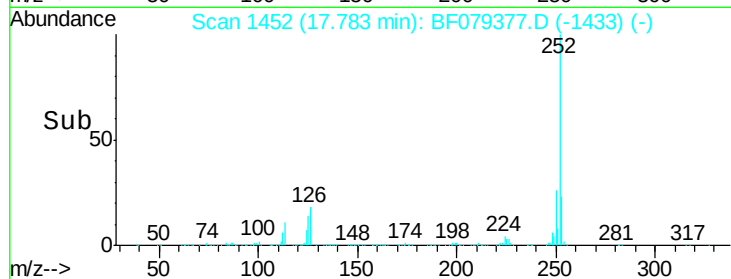
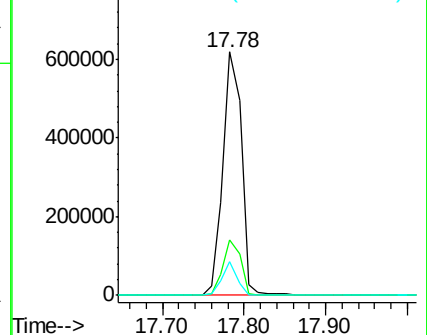
125 13.8 8.2 12.2#



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: 37.31 ng

RT: 19.29 min Scan# 1584

Delta R.T. 0.05 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

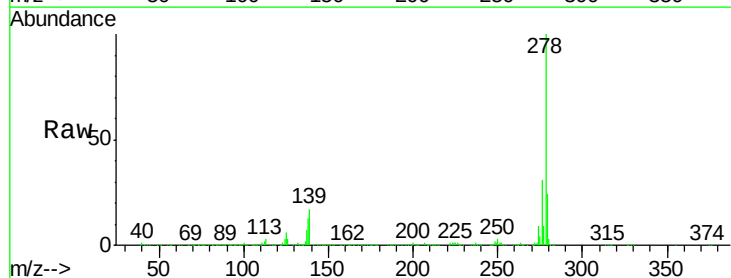
Tgt Ion:278 Resp: 1014801

Ion Ratio Lower Upper

278 100

139 16.9 13.1 19.7

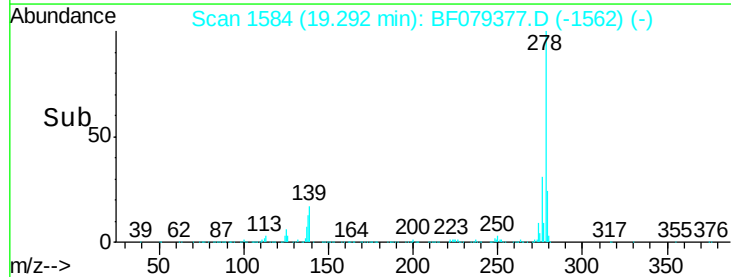
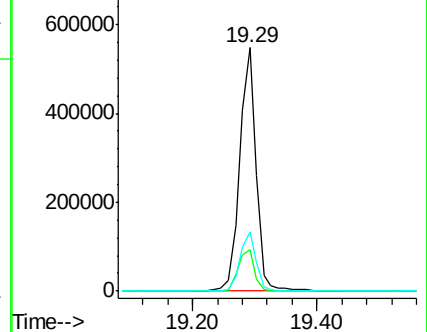
279 24.2 19.1 28.7

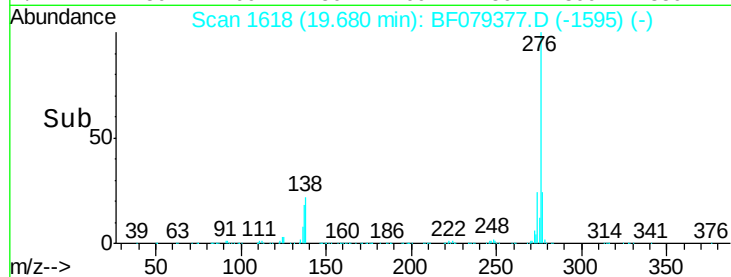
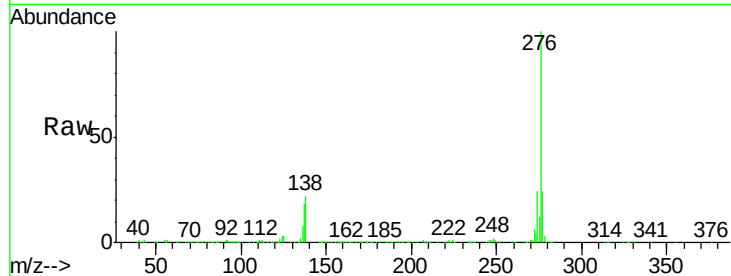
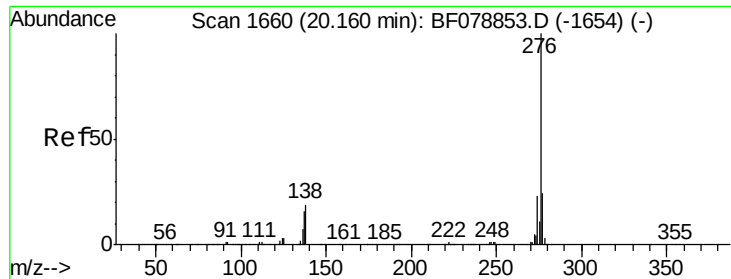


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.27 ng

RT: 19.68 min Scan# 1618

Delta R.T. 0.06 min

Lab File: BF079377.D

Acq: 20 May 2015 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 276 Resp: 961603

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.0 15.2 22.8

