

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077643.D
 Acq On : 9 Mar 2015 17:37
 Operator : TP/IZ
 Sample : PB82019BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Quant Time: Mar 10 01:24:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	58265	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	240296	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	117624	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	234137	20.00	ng	0.00
75) Chrysene-d12	16.06	240	253780	20.00	ng	0.00
86) Perylene-d12	17.76	264	250368	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	288644	82.70	ng	0.00
7) Phenol-d6	6.76	99	364920	81.32	ng	0.00
23) Nitrobenzene-d5	7.88	82	262860	68.02	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	96955	85.61	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	582992	77.28	ng	0.00
78) Terphenyl-d14	14.77	244	747121	68.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.11	88	50804	34.30	ng	98
3) Pyridine	2.83	79	164821	38.90	ng	96
4) n-Nitrosodimethylamine	2.74	42	71784	38.97	ng	90
6) Aniline	6.78	93	118200	19.06	ng	99
8) 2-Chlorophenol	6.92	128	172451	41.89	ng	95
9) Benzaldehyde	6.64	77	20549	7.54	ng	90
10) Phenol	6.77	94	217111	40.78	ng	81
11) bis(2-Chloroethyl)ether	6.88	93	149729	39.13	ng	98
12) 1,3-Dichlorobenzene	7.11	146	176739	39.42	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	175300	38.44	ng	98
14) 1,2-Dichlorobenzene	7.40	146	170518	39.30	ng	95
15) Benzyl Alcohol	7.38	79	139169	40.80	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.55	45	204917	37.47	ng	97
17) 2-Methylphenol	7.52	107	134152	41.69	ng	99
18) Hexachloroethane	7.81	117	60469	39.70	ng	# 87
19) n-Nitroso-di-n-propylamine	7.71	70	115532	40.54	ng	97
20) 3+4-Methylphenols	7.72	107	181852	42.91	ng	# 74
22) Acetophenone	7.70	105	226150	40.01	ng	# 89
24) Nitrobenzene	7.91	77	164619	40.49	ng	# 83
25) Isophorone	8.21	82	301399	39.31	ng	# 90
26) 2-Nitrophenol	8.30	139	83013	49.82	ng	89
27) 2,4-Dimethylphenol	8.37	122	152590	40.93	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	188597	38.94	ng	99
29) 2,4-Dichlorophenol	8.60	162	143684	41.06	ng	97
30) 1,2,4-Trichlorobenzene	8.70	180	150928	39.23	ng	99
31) Naphthalene	8.79	128	493157	41.04	ng	99
32) Benzoic acid	8.47	122	78258	43.20	ng	96
33) 4-Chloroaniline	8.87	127	98510	18.44	ng	99
34) Hexachlorobutadiene	8.95	225	80623	36.70	ng	99
35) Caprolactam	9.30	113	47076	44.07	ng	# 76
36) 4-Chloro-3-methylphenol	9.48	107	151702	43.12	ng	95
37) 2-Methylnaphthalene	9.65	142	341357	40.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	147021	43.56	ng	99
40) Hexachlorocyclopentadiene	9.85	237	148855	82.25	ng	98

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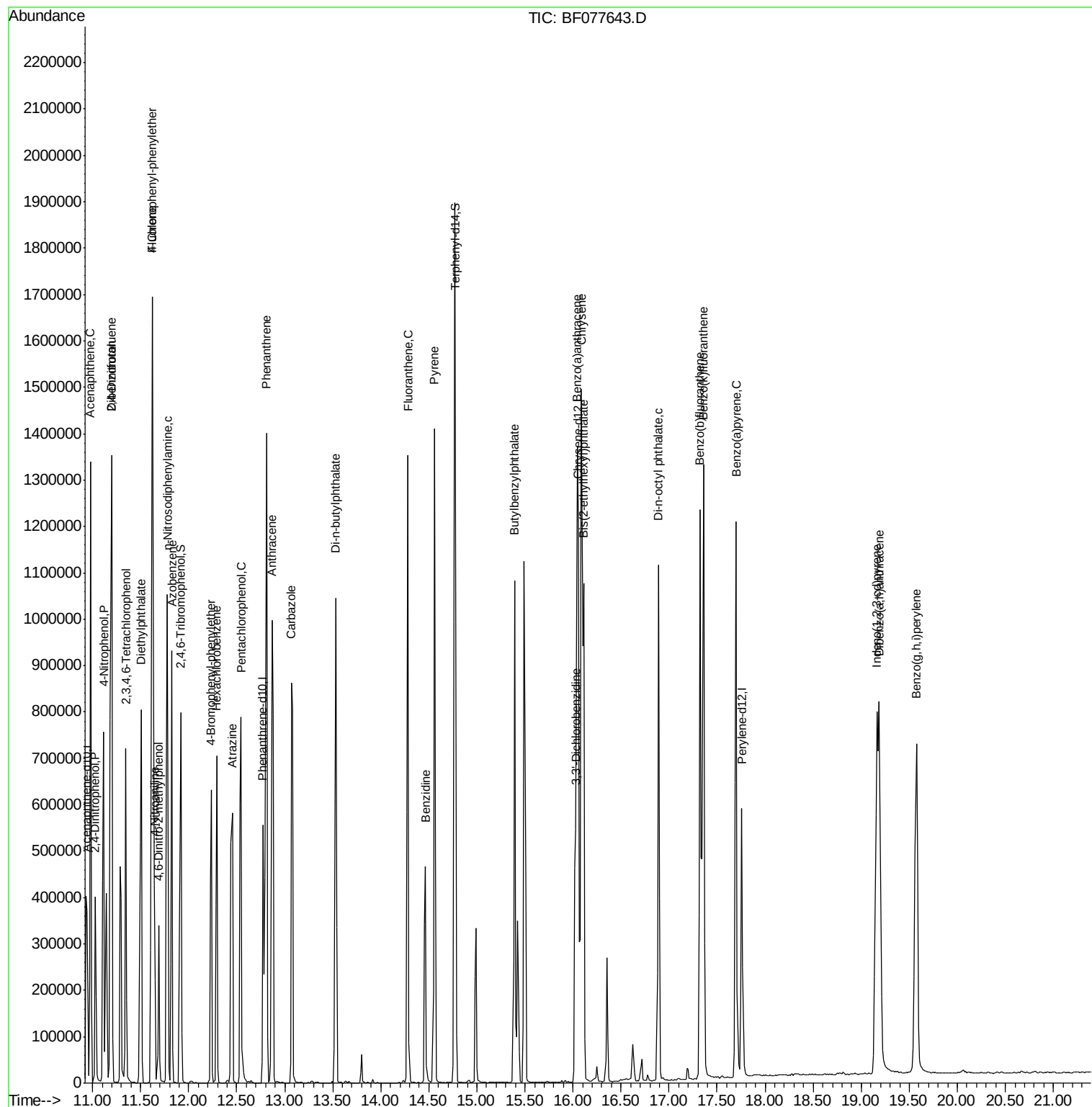
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	103770	46.43	nq	97
43) 2,4,5-Trichlorophenol	10.05	196	109438	45.79	nq	95
45) 1,1'-Biphenyl	10.24	154	400654	44.96	nq	98
46) 2-Chloronaphthalene	10.25	162	317005	45.36	nq	93
47) 2-Nitroaniline	10.38	65	93392	54.29	nq	86
48) Acenaphthylene	10.76	152	505897	45.73	nq	100
49) Dimethylphthalate	10.62	163	379050	45.84	nq	98
50) 2,6-Dinitrotoluene	10.70	165	80295	48.43	nq	# 57
51) Acenaphthene	10.98	154	291714	44.18	nq	100
52) 3-Nitroaniline	10.89	138	58352	30.52	nq	# 78
53) 2,4-Dinitrophenol	11.03	184	57503	113.97	nq	95
54) Dibenzofuran	11.20	168	464884	45.60	nq	99
55) 4-Nitrophenol	11.11	139	159660	103.84	nq	86
56) 2,4-Dinitrotoluene	11.19	165	106838	47.68	nq	# 54
57) Fluorene	11.62	166	386506	47.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	92126	47.95	nq	95
59) Diethylphthalate	11.50	149	370586	45.46	nq	97
60) 4-Chlorophenyl-phenylether	11.63	204	171666	43.72	nq	96
61) 4-Nitroaniline	11.65	138	87692	47.86	nq	95
62) Azobenzene	11.82	77	359609	46.50	nq	98
64) 4,6-Dinitro-2-methylphenol	11.69	198	44232	47.40	nq	# 64
65) n-Nitrosodiphenylamine	11.78	169	328965	42.35	nq	99
66) 4-Bromophenyl-phenylether	12.23	248	106805	38.95	nq	95
67) Hexachlorobenzene	12.29	284	112572	38.25	nq	# 89
68) Atrazine	12.45	200	106064	42.00	nq	93
69) Pentachlorophenol	12.54	266	129539	83.75	nq	100
70) Phenanthrene	12.81	178	575564	42.41	nq	99
71) Anthracene	12.87	178	559599	41.55	nq	99
72) Carbazole	13.08	167	544604	42.53	nq	98
73) Di-n-butylphthalate	13.53	149	590992	39.31	nq	100
74) Fluoranthene	14.28	202	625690	42.21	nq	99
76) Benzidine	14.46	184	248596	28.99	nq	97
77) Pyrene	14.56	202	637655	41.08	nq	99
79) Butylbenzylphthalate	15.39	149	266266	41.69	nq	94
80) Benzo(a)anthracene	16.05	228	605667	40.72	nq	100
81) 3,3'-Dichlorobenzidine	16.03	252	131415	24.11	nq	98
82) Chrysene	16.09	228	568333	40.69	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	378220	36.93	nq	# 97
84) Di-n-octyl phthalate	16.89	149	640695	37.47	nq	98
85) Indeno(1,2,3-cd)pyrene	19.17	276	660030	41.45	nq	99
87) Benzo(b)fluoranthene	17.33	252	691229	47.48	nq	# 96
88) Benzo(k)fluoranthene	17.36	252	493311m	34.57	nq	
89) Benzo(a)pyrene	17.70	252	585309	42.21	nq	99
90) Dibenzo(a,h)anthracene	19.19	278	542244	41.00	nq	# 96
91) Benzo(g,h,i)perylene	19.58	276	558013	41.81	nq	99

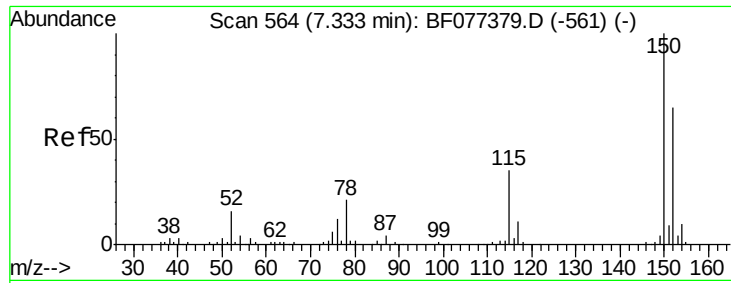
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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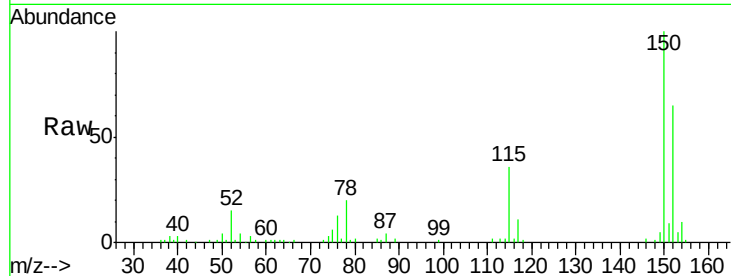


#1

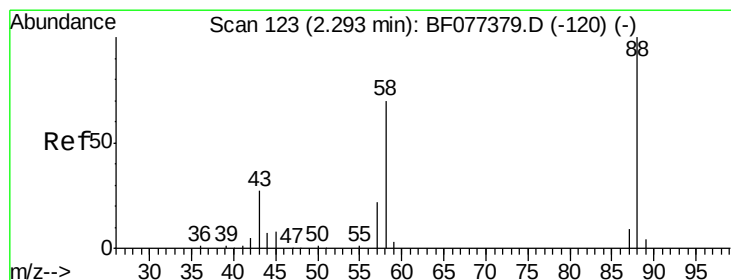
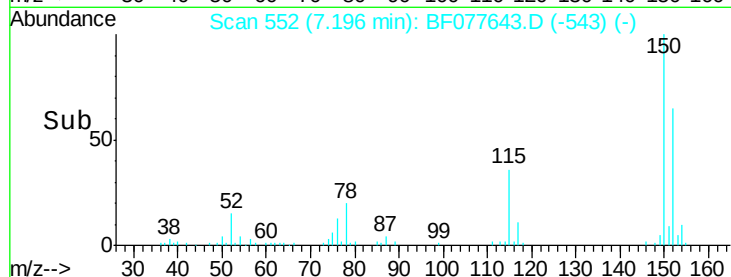
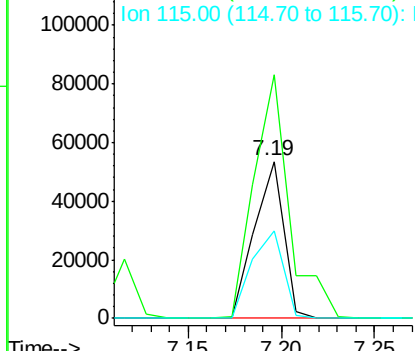
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:152 Resp: 58265
Ion Ratio Lower Upper
152 100
150 155.0 124.0 186.0
115 56.0 49.4 74.2



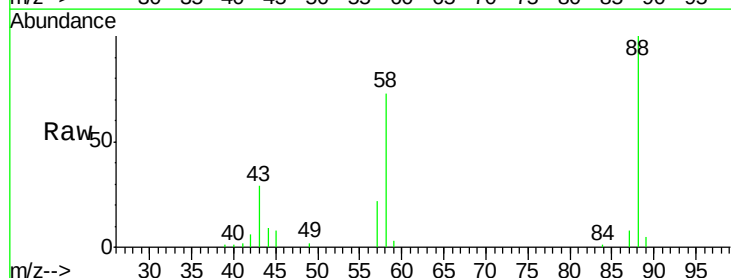
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



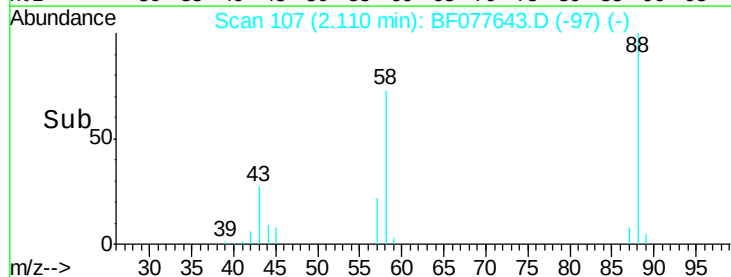
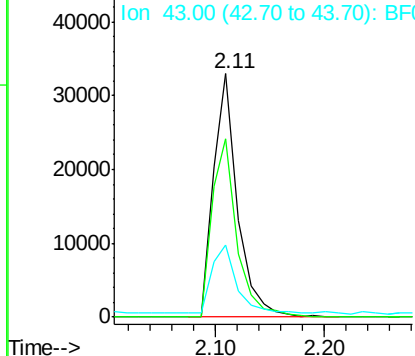
#2

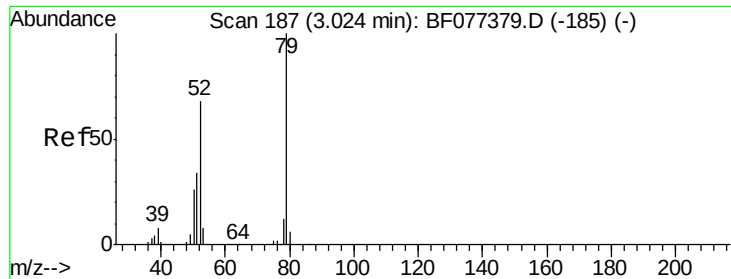
1,4-Dioxane
Concen: 34.30 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.02 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 88 Resp: 50804
Ion Ratio Lower Upper
88 100
58 75.9 62.1 93.1
43 28.5 24.0 36.0



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





#3

Pvridine

Concen: 38.90 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.04 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

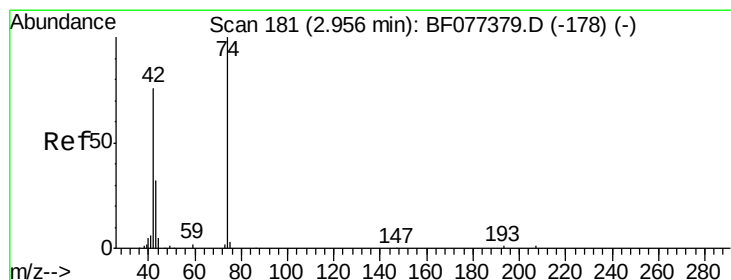
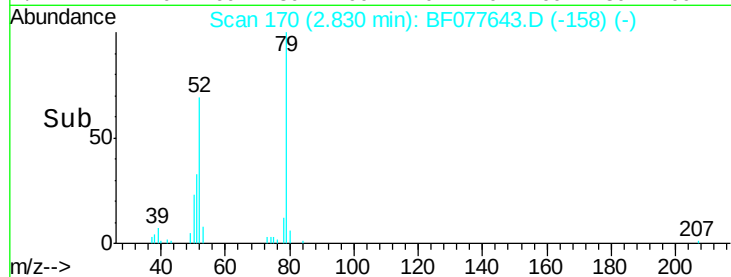
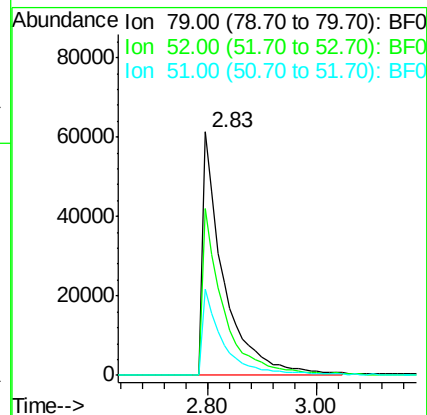
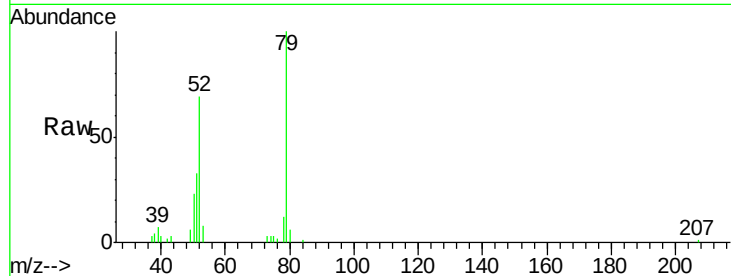
Tot Ion: 79 Resp: 164821

Ion Ratio Lower Upper

79 100

52 69.2 57.7 86.5

51 32.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 38.97 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

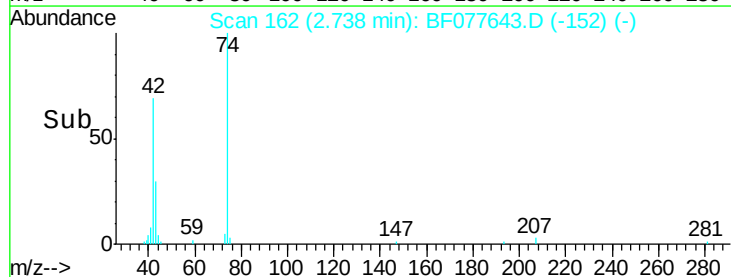
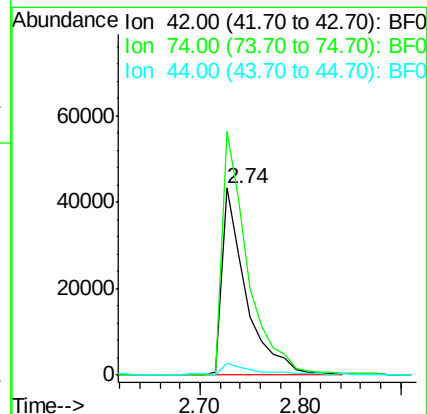
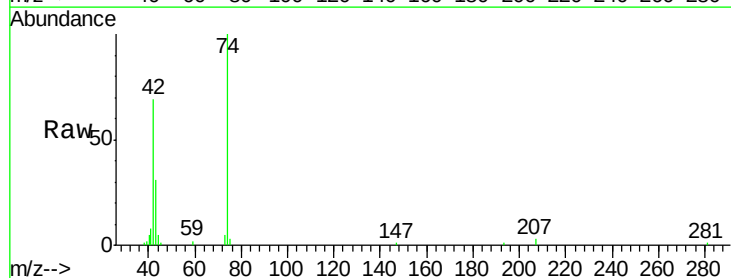
Tgt Ion: 42 Resp: 71784

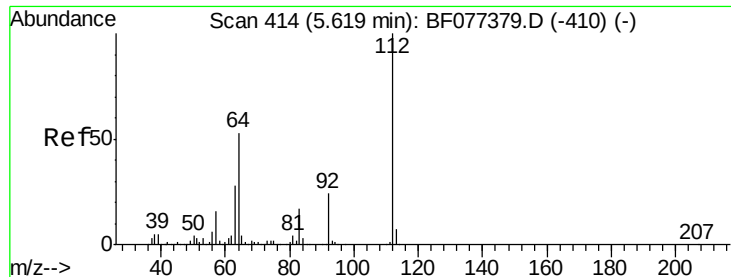
Ion Ratio Lower Upper

42 100

74 145.8 107.1 160.7

44 7.0 6.7 10.1





#5

2-Fluorophenol

Concen: 82.70 ng

RT: 5.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

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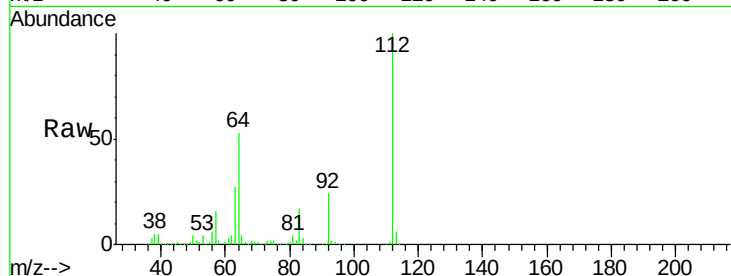
Tot Ion:112 Resp: 288644

Ion Ratio Lower Upper

112 100

64 53.0 48.5 72.7

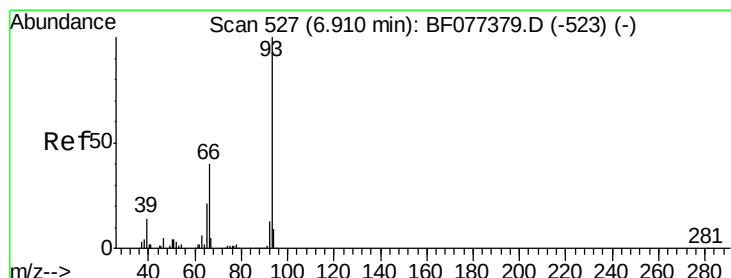
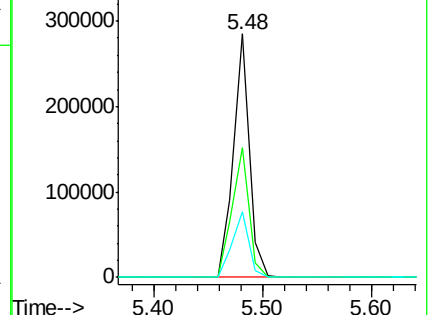
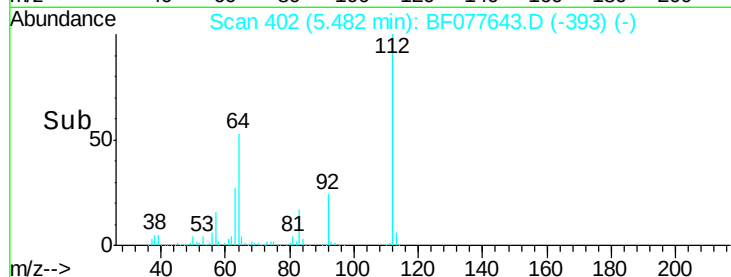
63 27.1 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.06 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

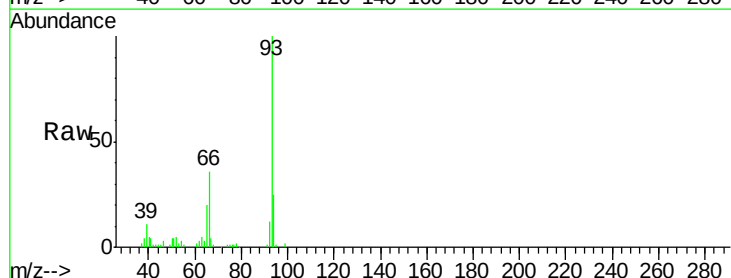
Tgt Ion: 93 Resp: 118200

Ion Ratio Lower Upper

93 100

66 36.3 29.1 43.7

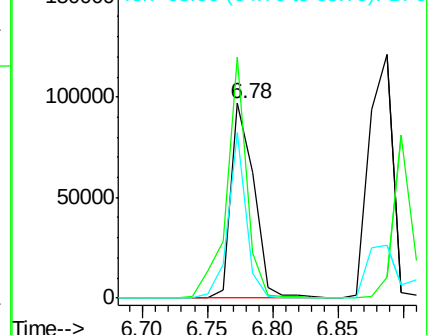
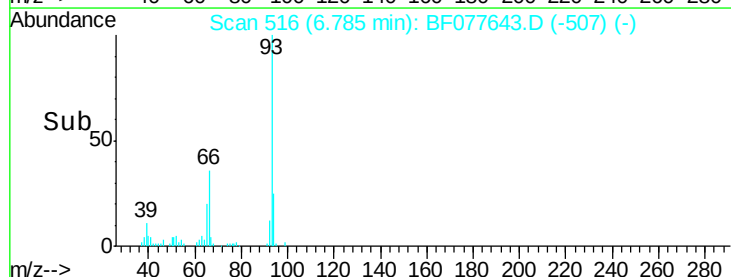
65 20.1 14.6 22.0

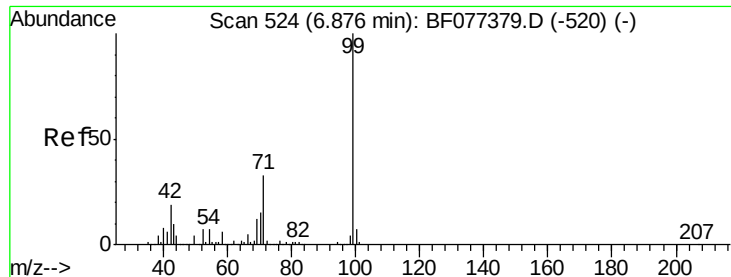


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.32 ng

RT: 6.76 min Scan# 513

Delta R.T. -0.00 min

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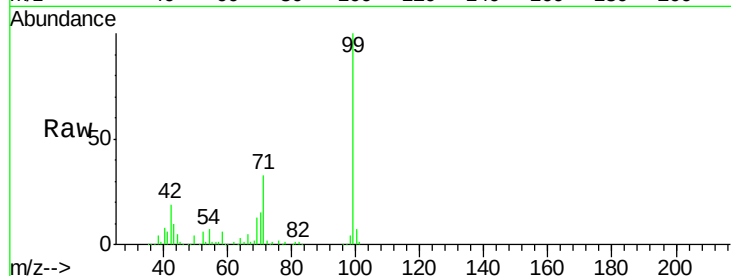
Tot Ion: 99 Resp: 364920

Ion Ratio Lower Upper

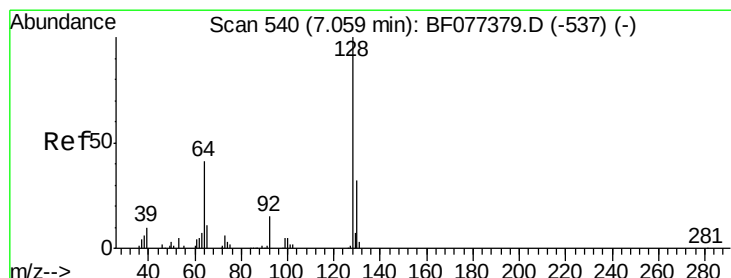
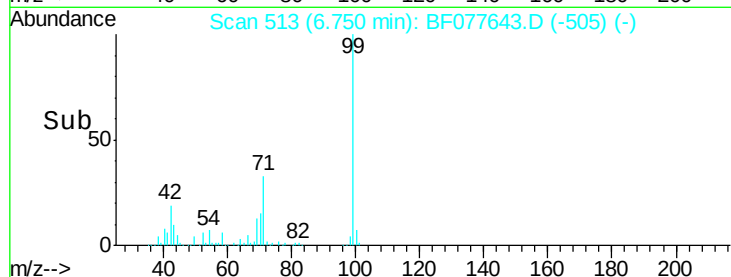
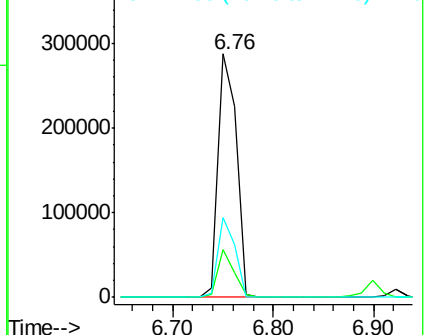
99 100

42 19.5 16.2 24.4

71 32.9 26.7 40.1



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



#8

2-Chlorophenol

Concen: 41.89 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

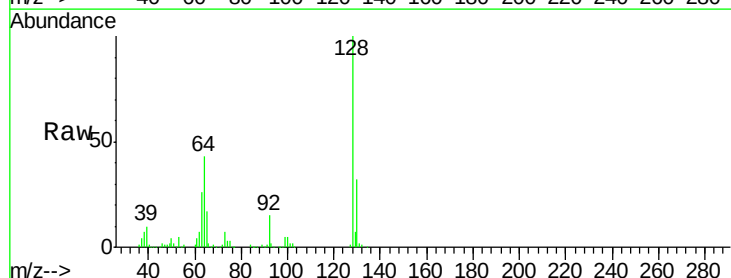
Tgt Ion: 128 Resp: 172451

Ion Ratio Lower Upper

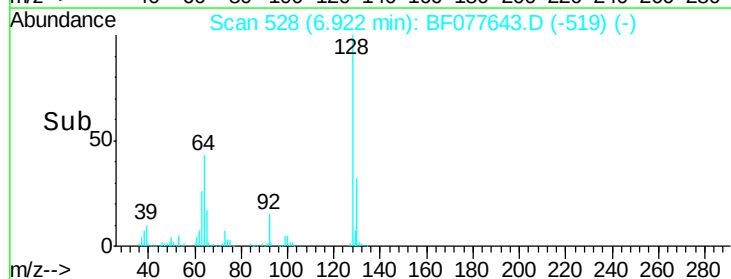
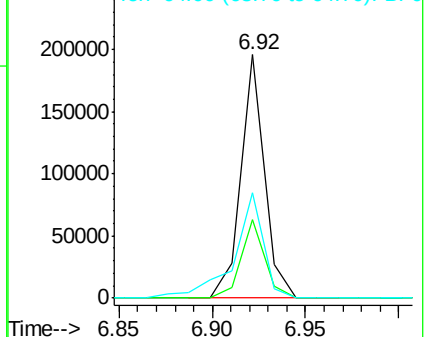
128 100

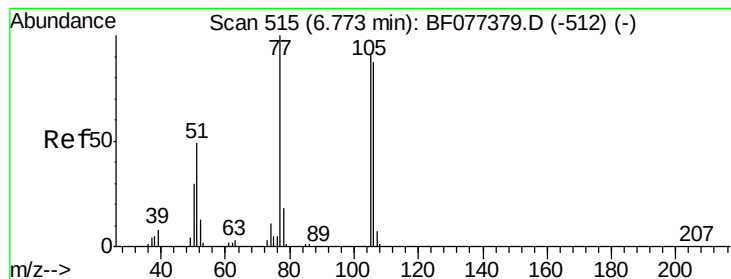
130 32.4 12.0 52.0

64 43.5 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.54 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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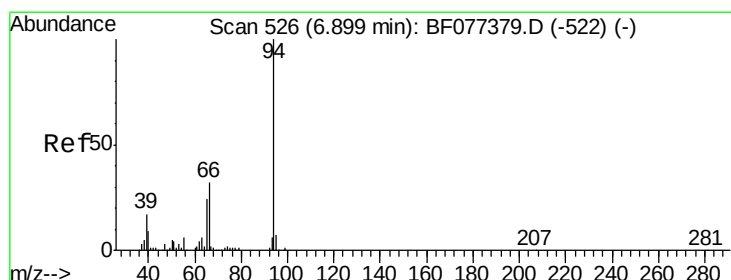
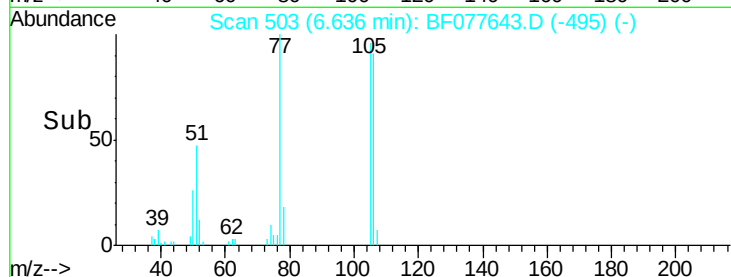
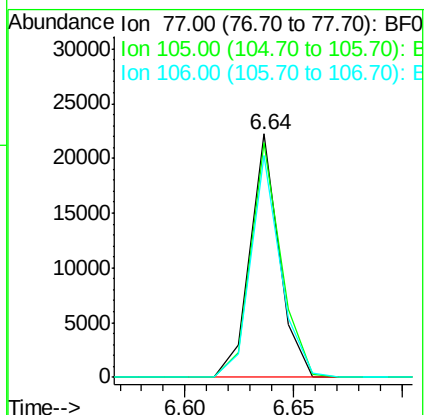
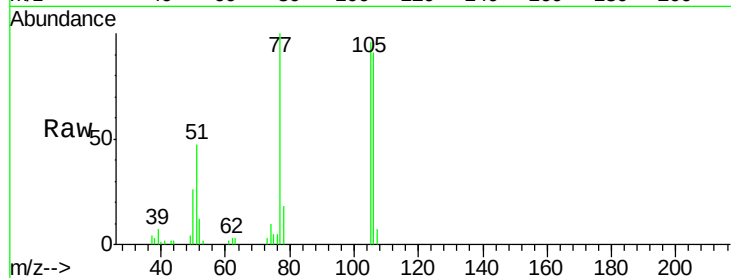
Tot Ion: 77 Resp: 20549

Ion Ratio Lower Upper

77 100

105 96.2 85.9 125.9

106 91.2 82.9 122.9



#10

Phenol

Concen: 40.78 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

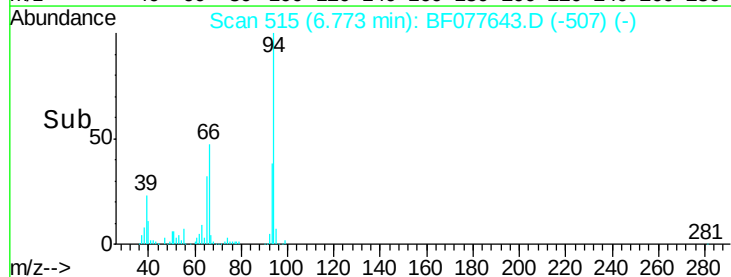
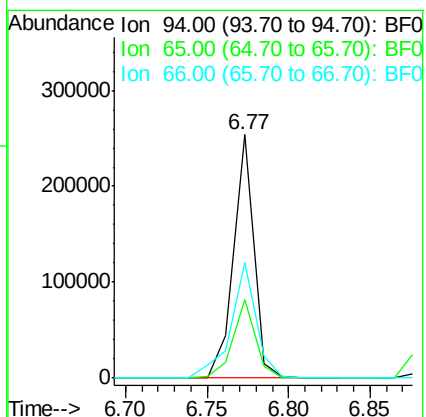
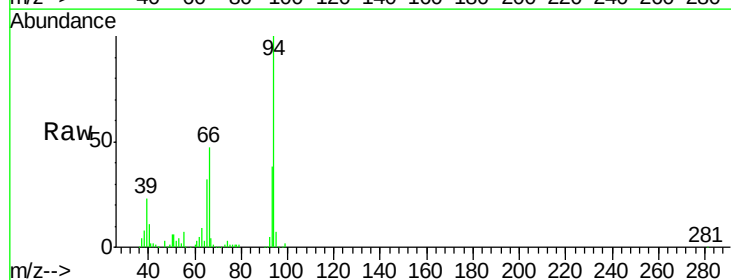
Tgt Ion: 94 Resp: 217111

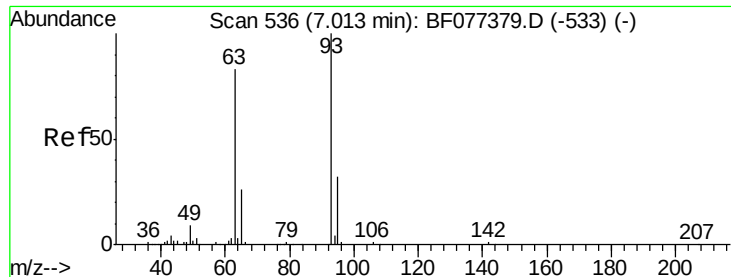
Ion Ratio Lower Upper

94 100

65 32.4 5.7 45.7

66 47.3 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.88 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

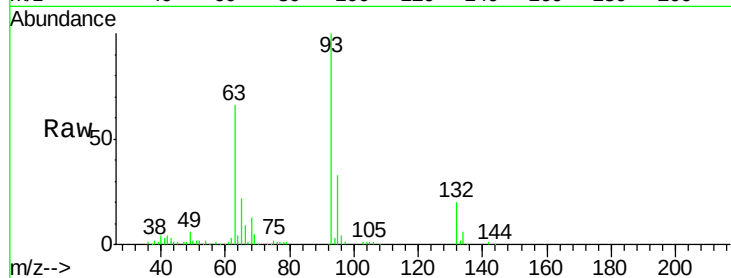
Tot Ion: 93 Resp: 149729

Ion Ratio Lower Upper

93 100

63 66.3 48.7 88.7

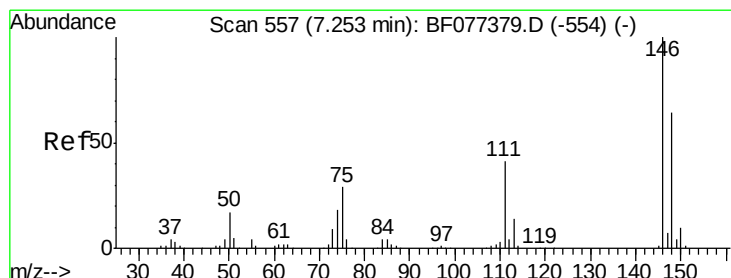
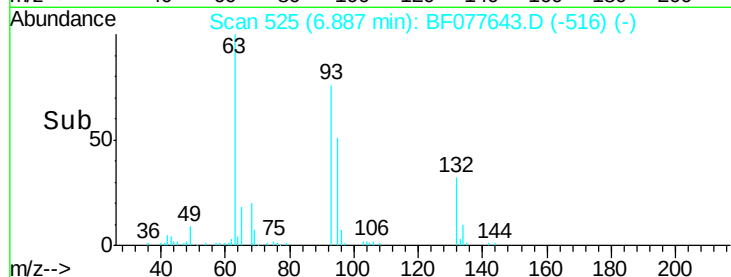
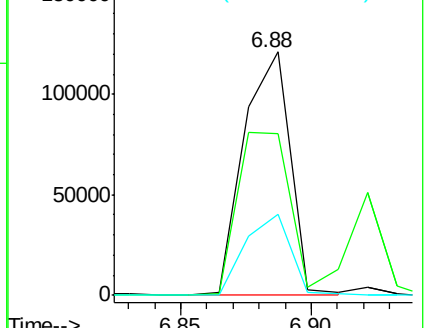
95 33.2 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.42 ng

RT: 7.11 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

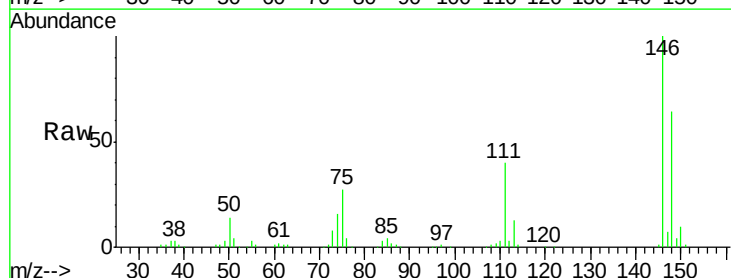
Tgt Ion: 146 Resp: 176739

Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.8

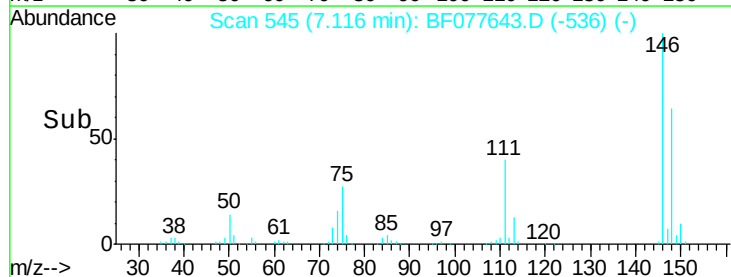
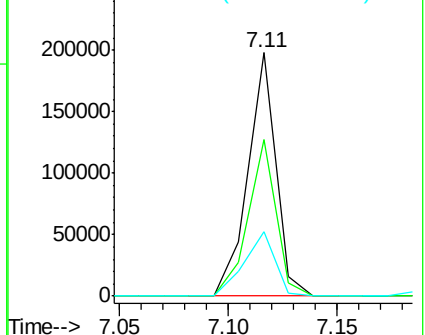
75 26.6 28.2 42.4#

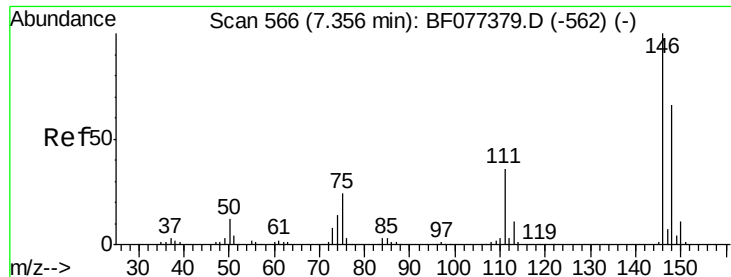


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

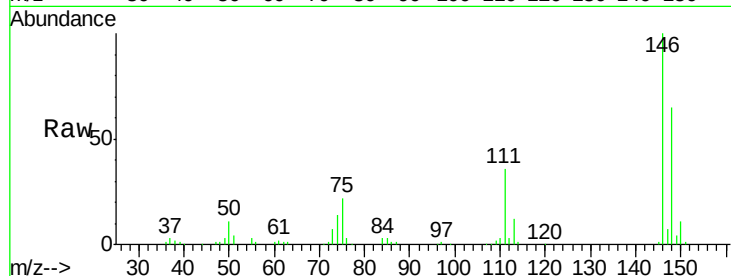




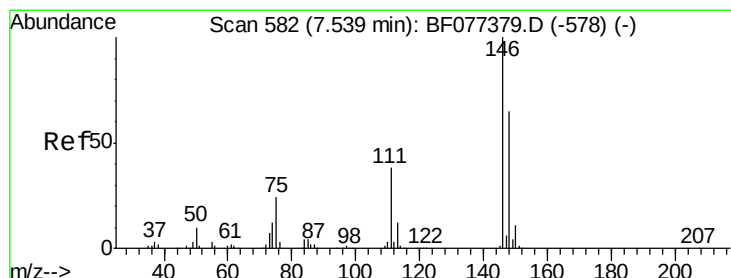
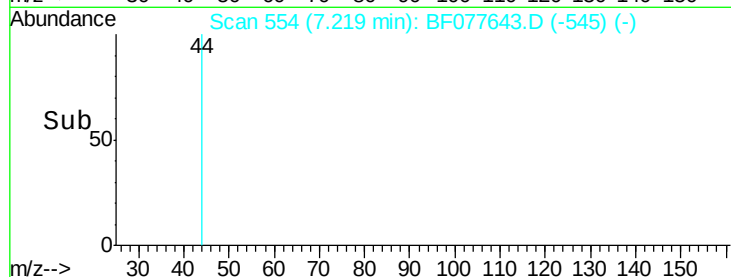
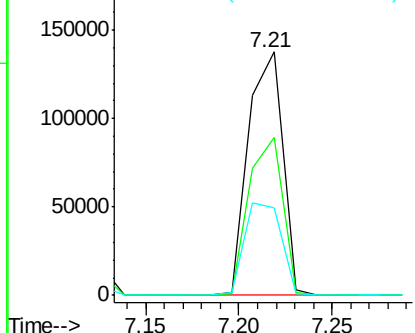
#13
 1,4-Dichlorobenzene
 Concen: 38.44 ng
 RT: 7.21 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:146 Resp: 175300
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 36.1 31.9 47.9

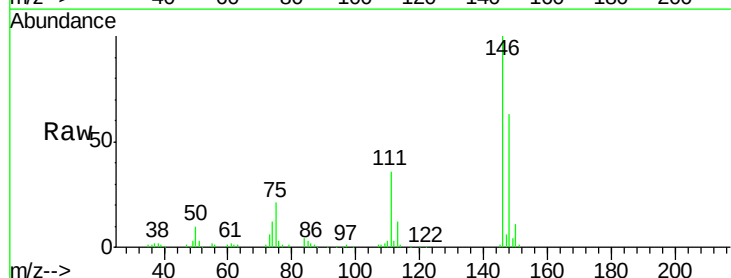


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

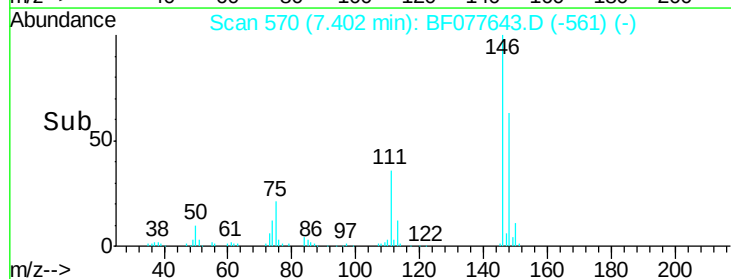
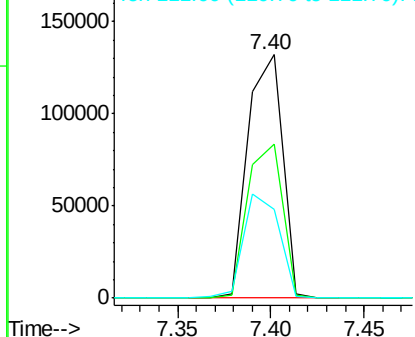


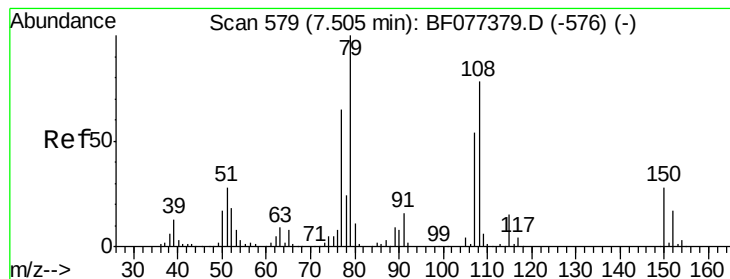
#14
 1,2-Dichlorobenzene
 Concen: 39.30 ng
 RT: 7.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:146 Resp: 170518
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 36.2 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 40.80 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

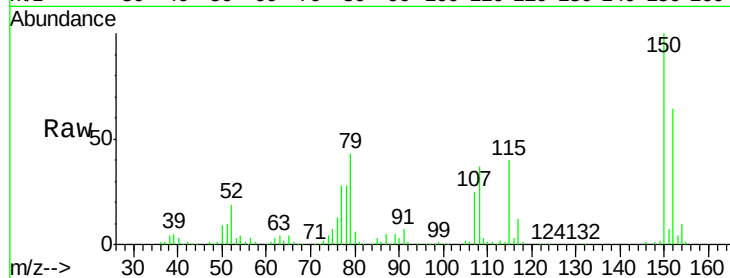
Tot Ion: 79 Resp: 139169

Ion Ratio Lower Upper

79 100

108 86.0 58.3 87.5

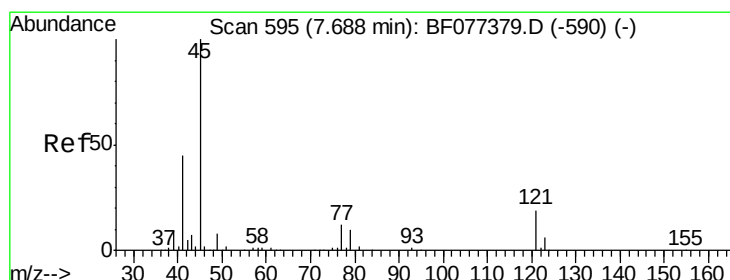
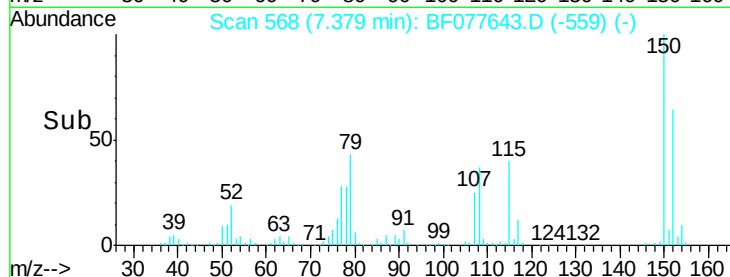
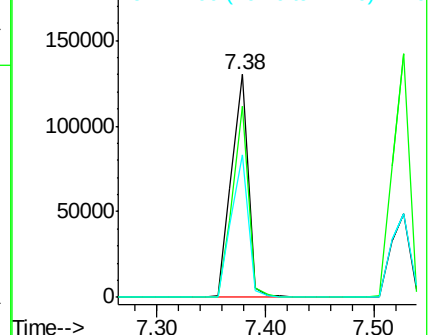
77 63.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.47 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

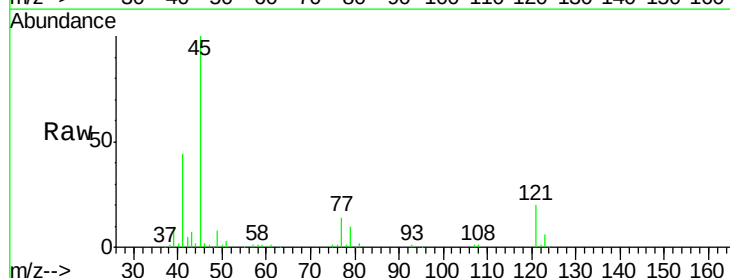
Tgt Ion: 45 Resp: 204917

Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.6

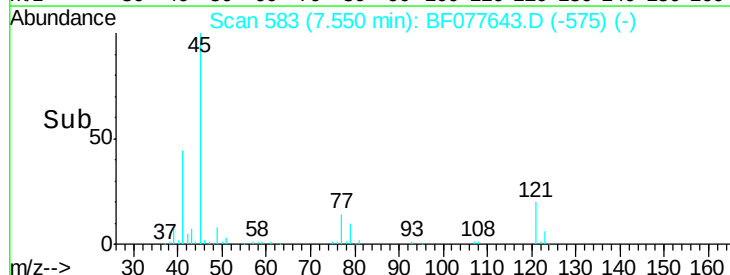
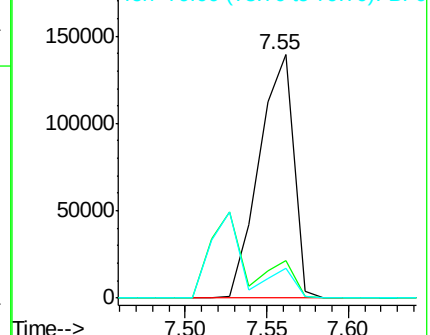
79 9.9 0.0 31.5

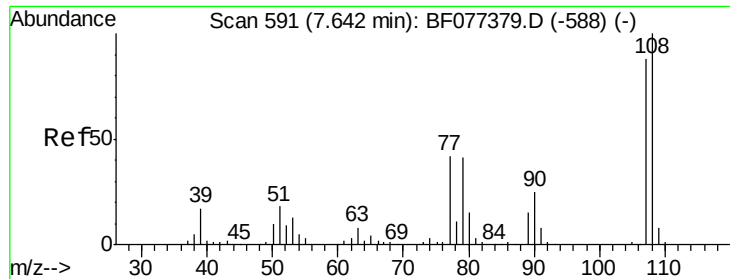


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.69 ng

RT: 7.52 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

Tot Ion:107 Resp: 134152

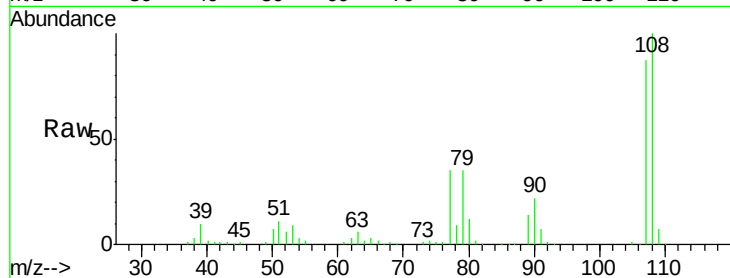
Ion Ratio Lower Upper

107 100

108 114.4 91.2 136.8

77 39.5 33.6 50.4

79 39.5 32.1 48.1

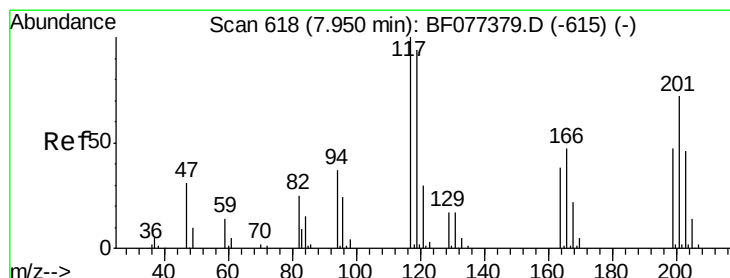
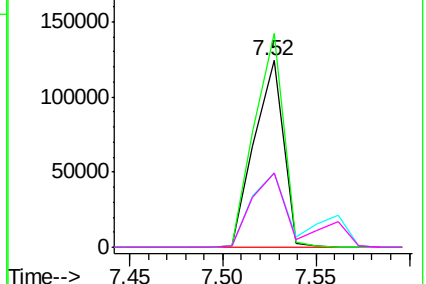
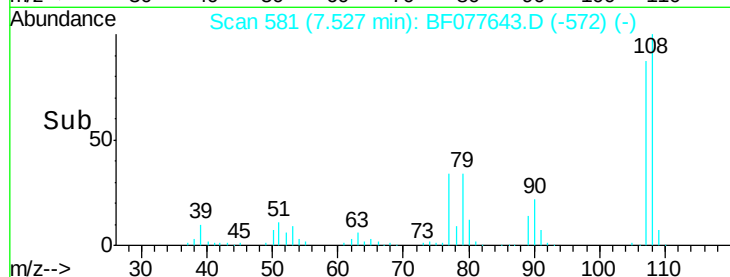


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.70 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

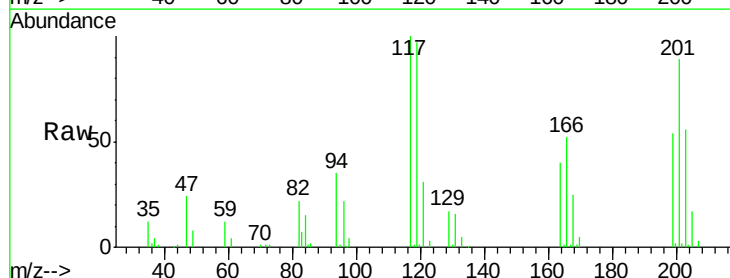
Tgt Ion:117 Resp: 60469

Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.8

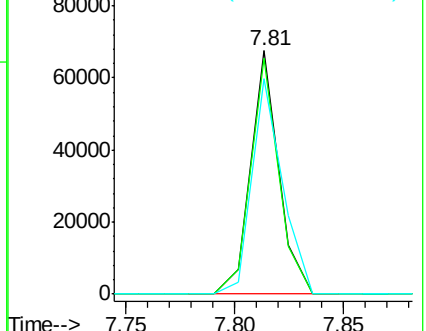
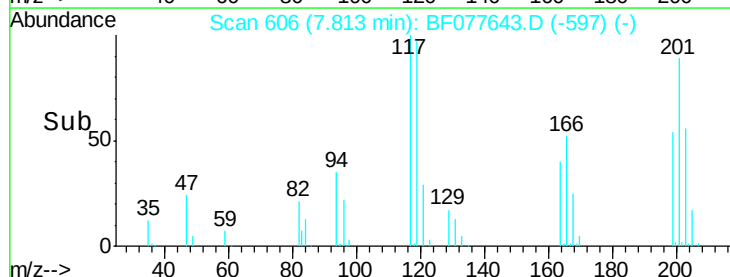
201 88.6 90.6 136.0#

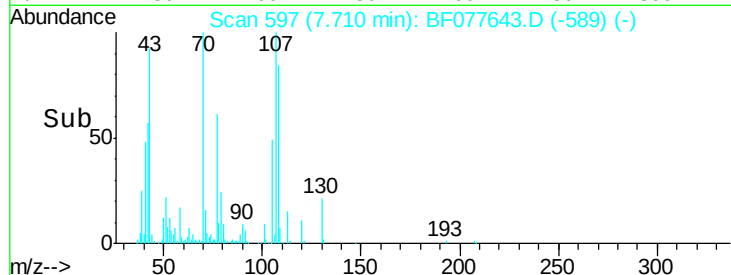
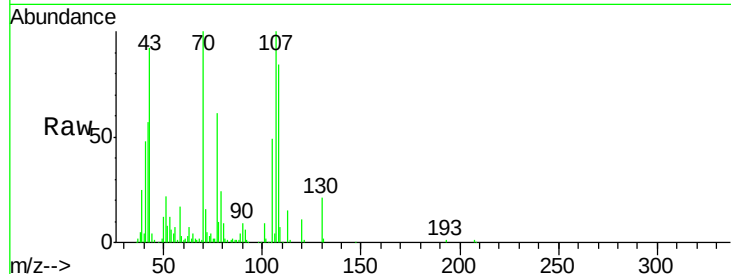
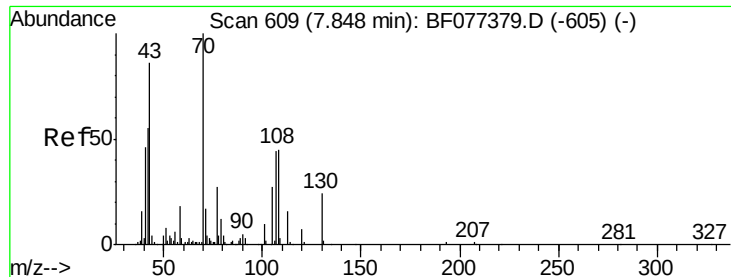


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

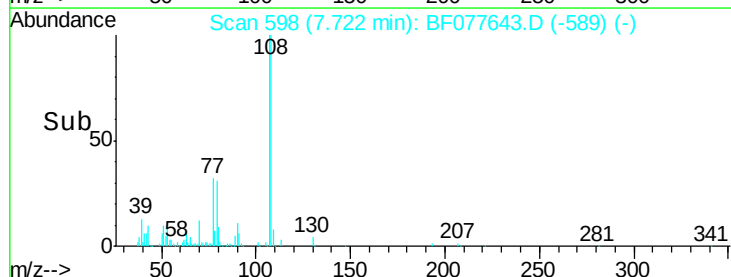
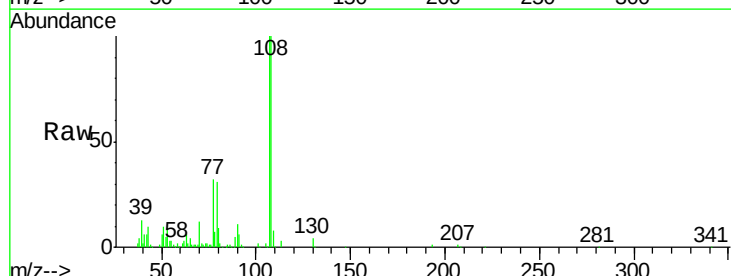
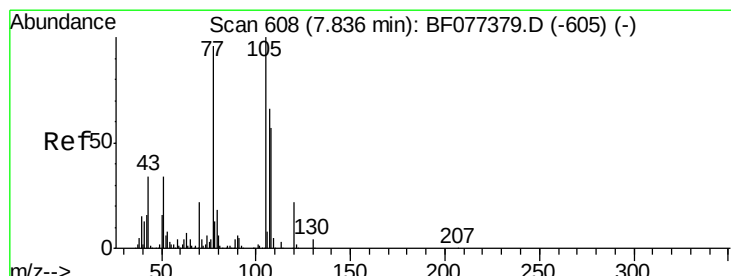
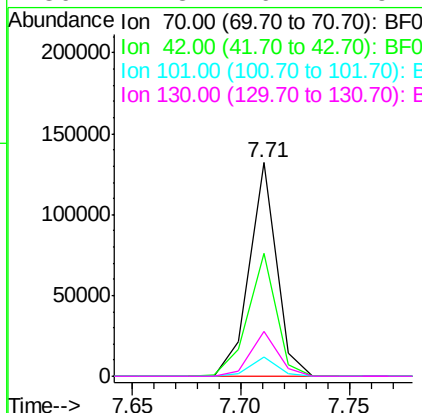




#19
n-Nitroso-di-n-propylamine
Concen: 40.54 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

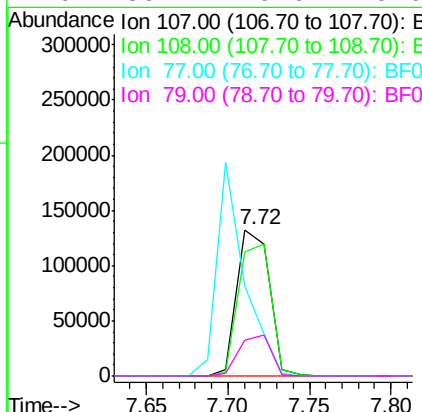
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

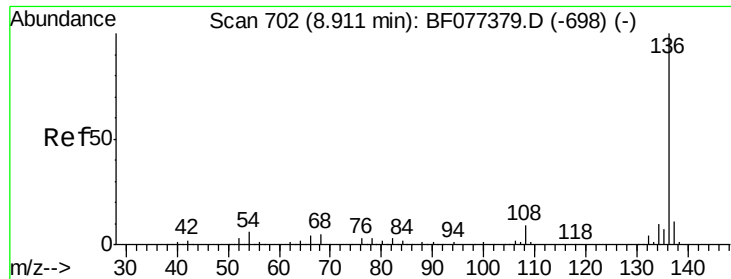
Tot Ion:	70	Resp:	115532
Ion	Ratio	Lower	Upper
70	100		
42	57.6	48.3	72.5
101	9.1	7.5	11.3
130	21.3	16.7	25.1



#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:	107	Resp:	181852
Ion	Ratio	Lower	Upper
107	100		
108	100.0	76.8	116.8
77	31.6	65.8	105.8
79	30.7	9.6	49.6

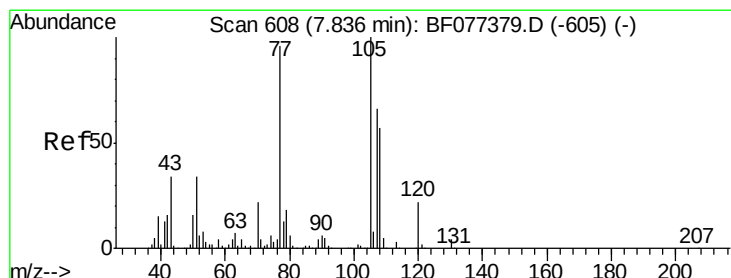
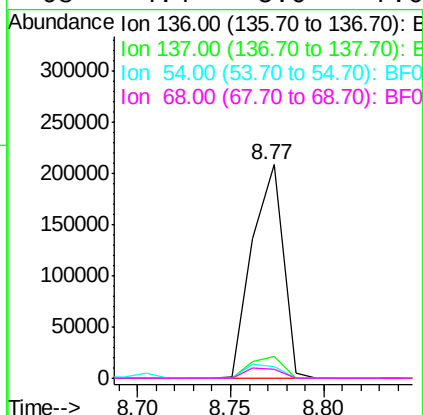
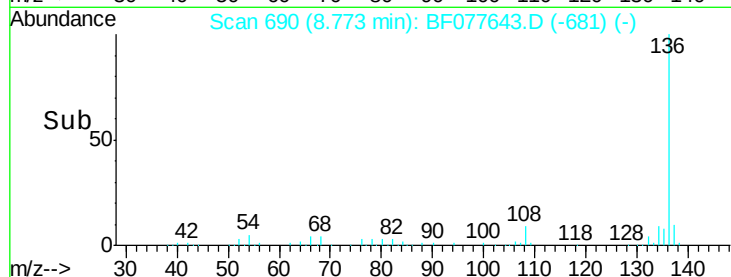
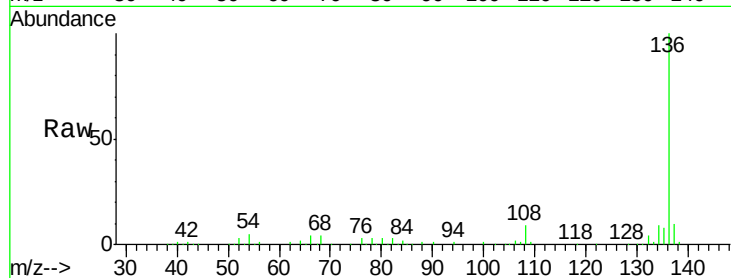




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

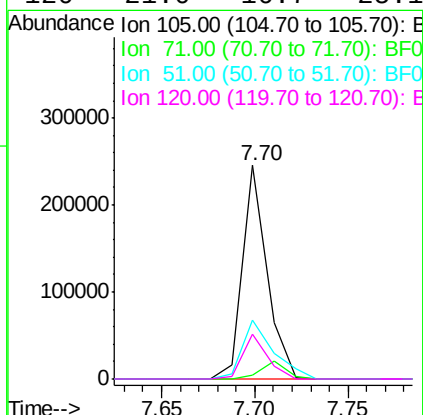
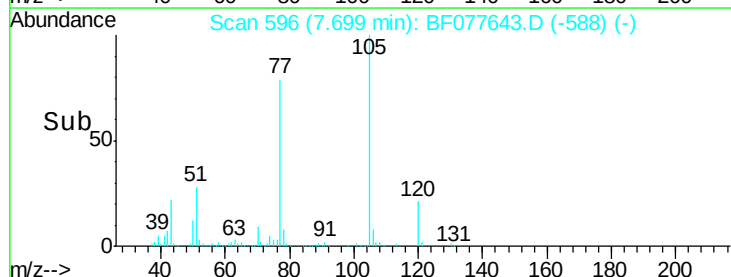
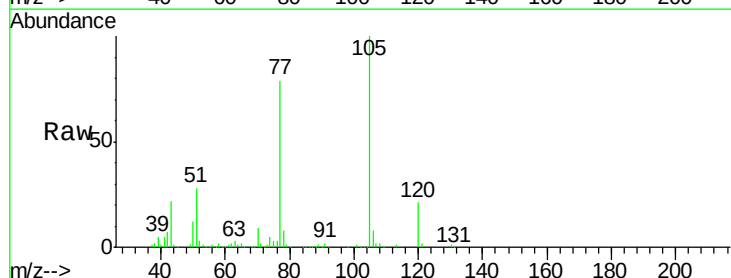
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

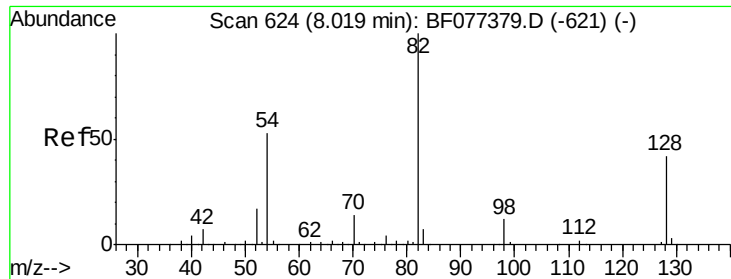
Tot Ion:136	Resp:	240296
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	5.4	6.2 9.4#
68	4.4	5.0 7.6#



#22
Acetophenone
Concen: 40.01 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:105	Resp:	226150
Ion Ratio	Lower	Upper
105	100	
71	1.7	1.7 2.5#
51	27.7	30.7 46.1#
120	21.0	16.7 25.1

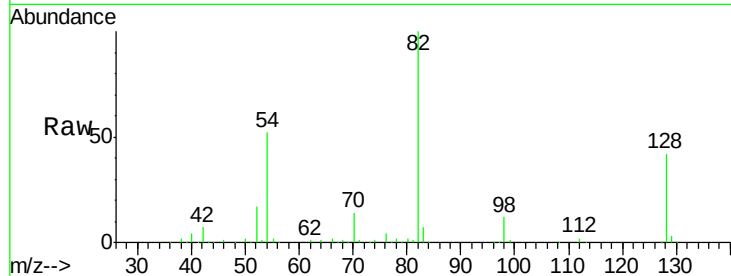




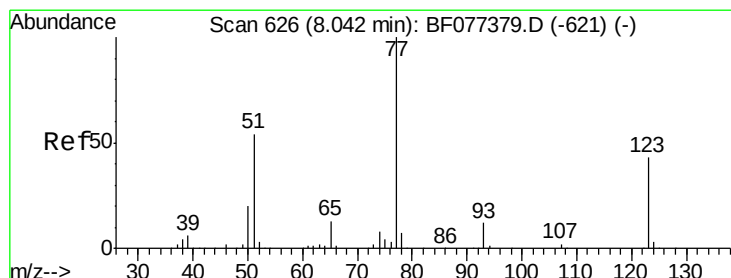
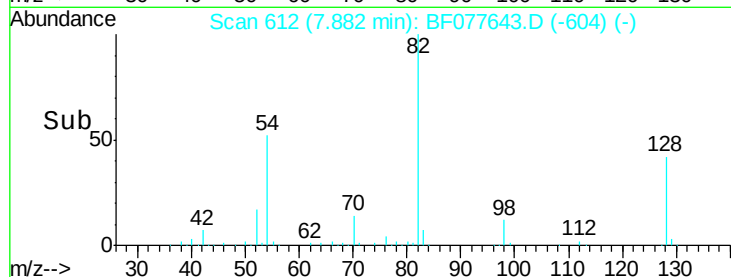
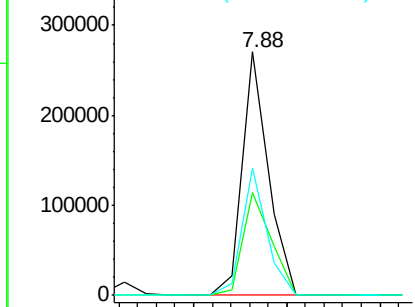
#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion: 82 Resp: 262860
Ion Ratio Lower Upper
82 100
128 42.2 43.8 65.8#
54 52.1 36.7 55.1

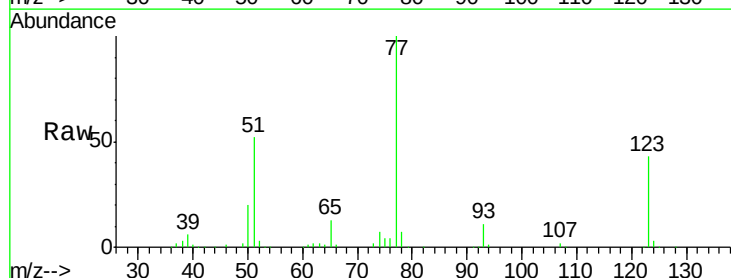


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

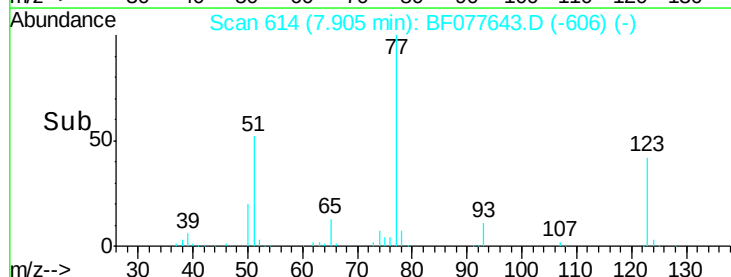
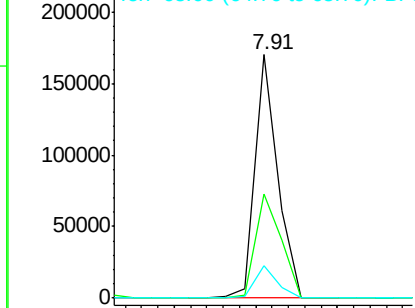


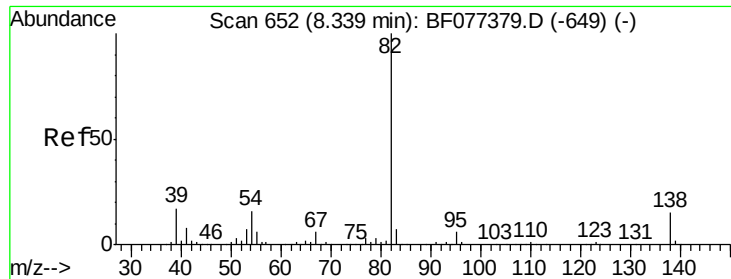
#24
Nitrobenzene
Concen: 40.49 ng
RT: 7.91 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 77 Resp: 164619
Ion Ratio Lower Upper
77 100
123 42.9 45.9 68.9#
65 13.1 9.5 14.3



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





#25

Isophorone

Concen: 39.31 ng

RT: 8.21 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

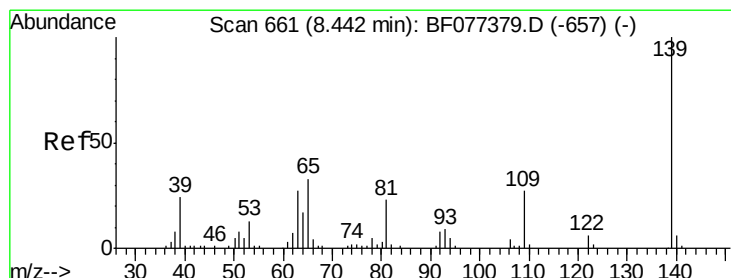
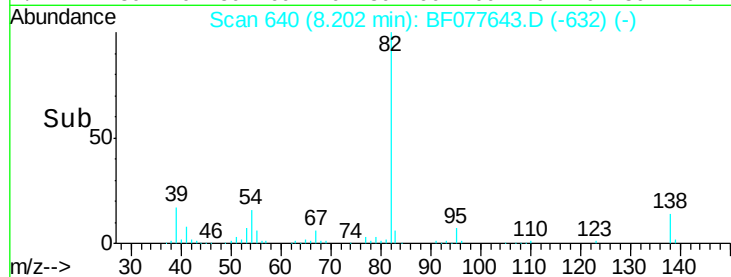
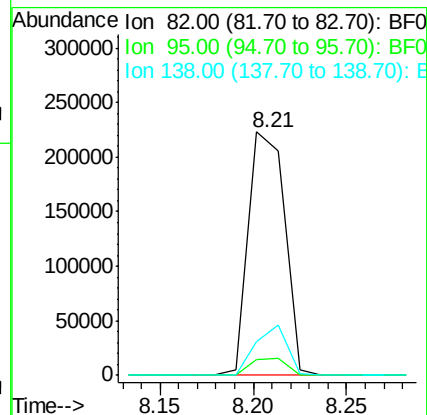
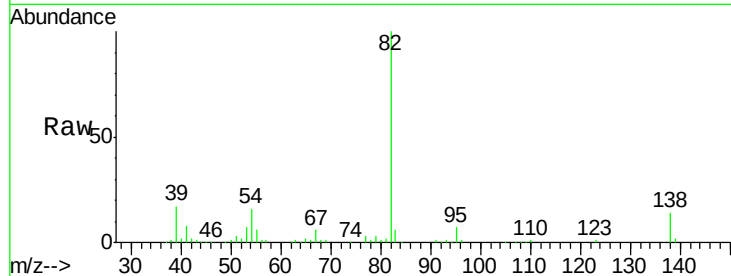
Tot Ion: 82 Resp: 301399

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

138 14.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 49.82 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

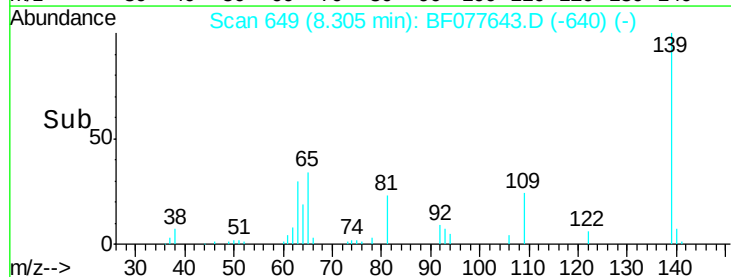
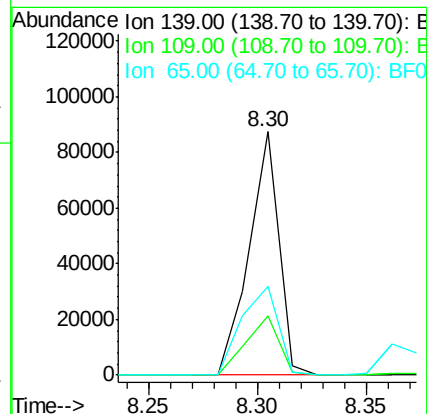
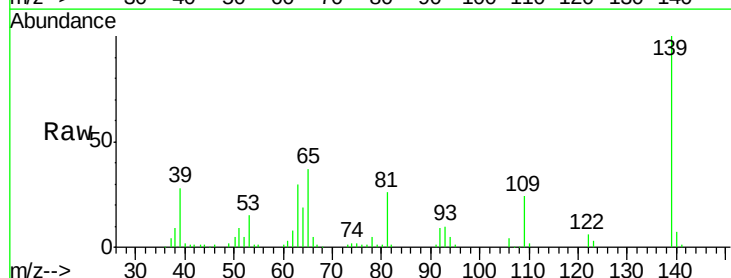
Tgt Ion: 139 Resp: 83013

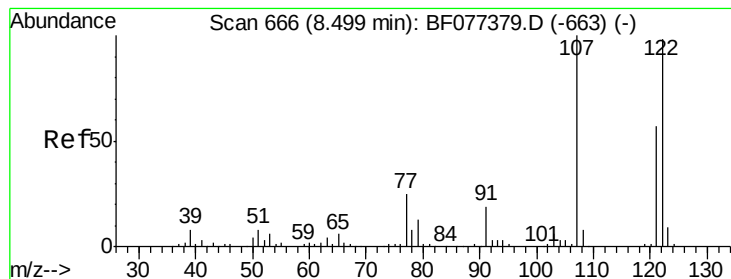
Ion Ratio Lower Upper

139 100

109 24.3 22.6 34.0

65 36.5 36.4 54.6

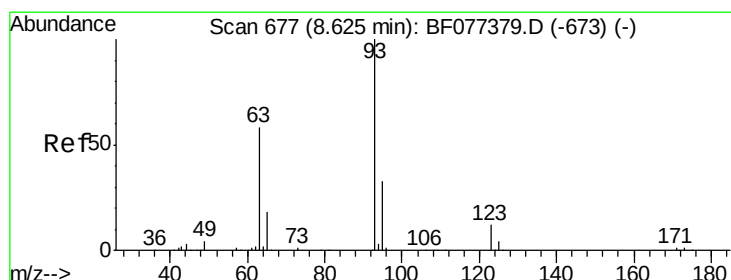
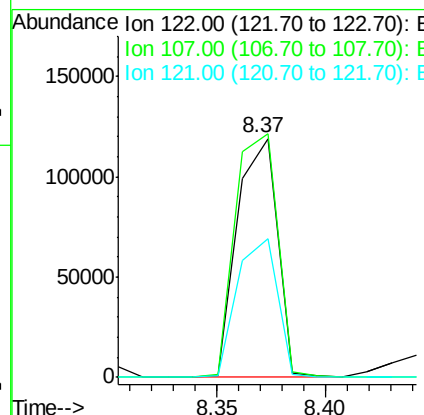
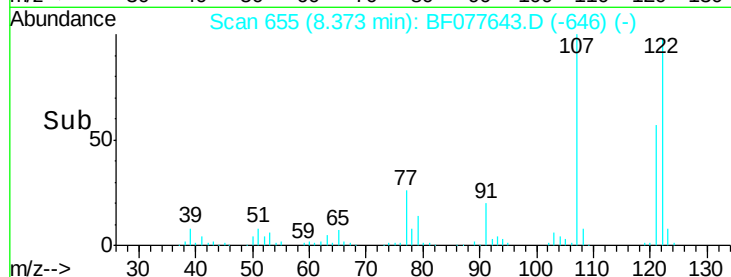
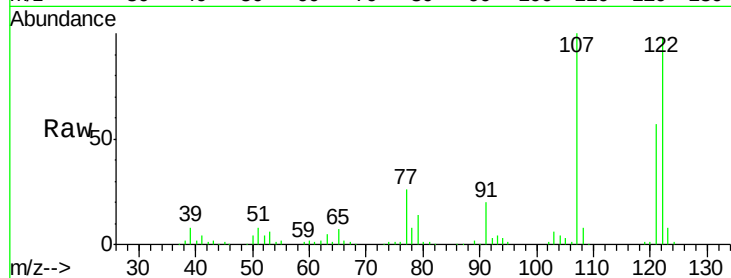




#27
2,4-Dimethylphenol
Concen: 40.93 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

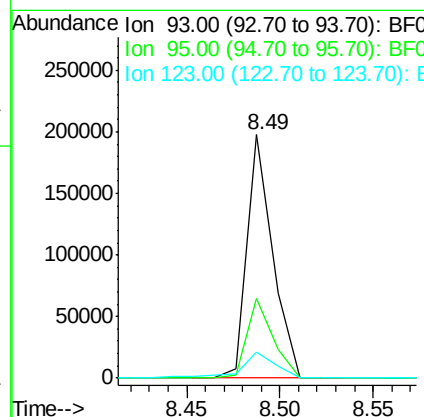
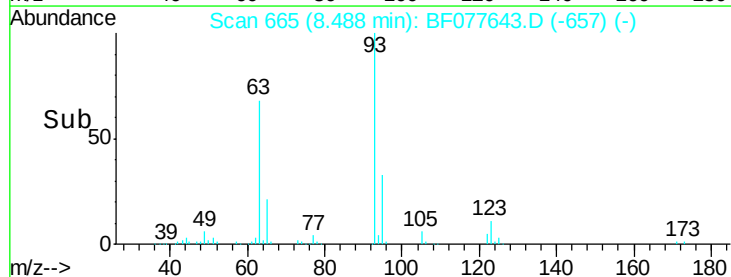
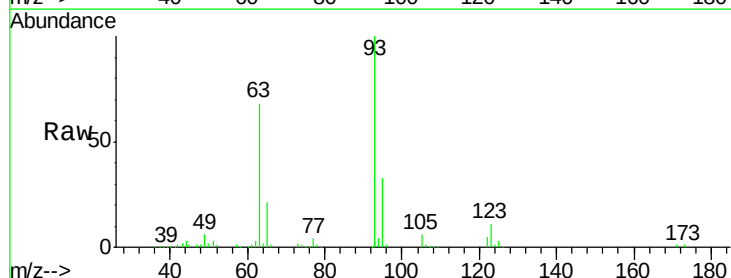
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

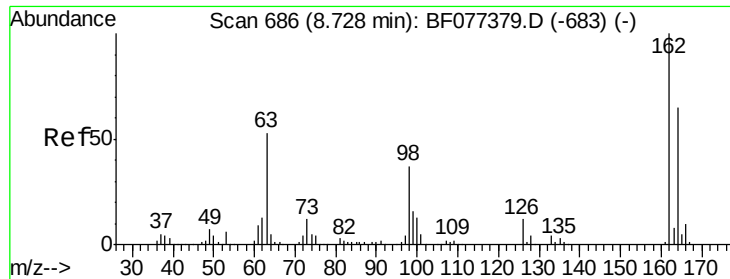
Tot Ion:122 Resp: 152590
Ion Ratio Lower Upper
122 100
107 102.0 86.6 130.0
121 58.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.94 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 93 Resp: 188597
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 10.6 8.7 13.1

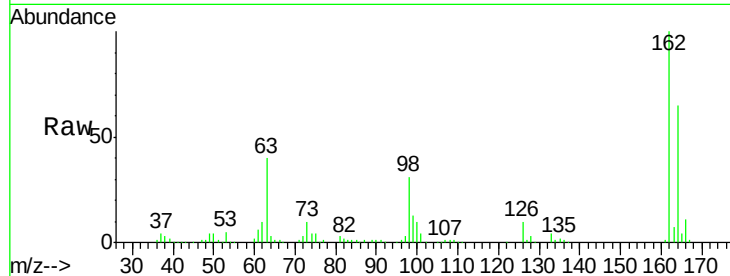




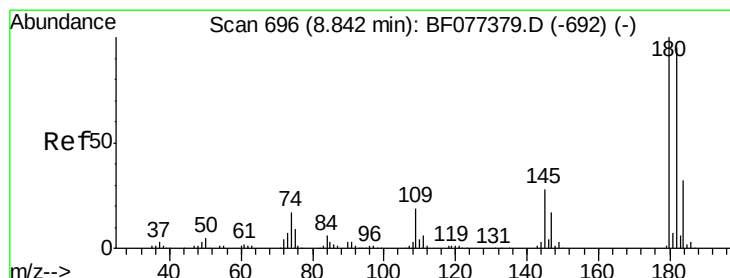
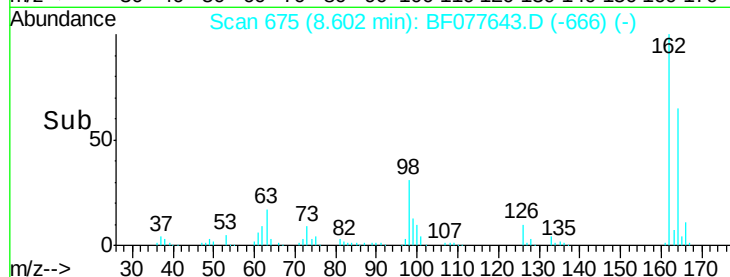
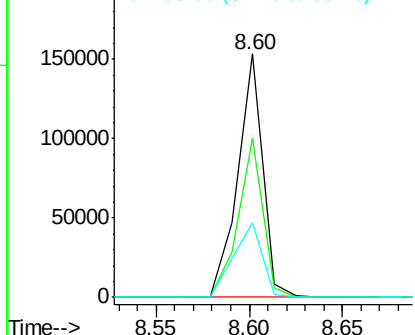
#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:162 Resp: 143684
 Ion Ratio Lower Upper
 162 100
 164 65.3 46.4 86.4
 98 30.7 6.9 46.9

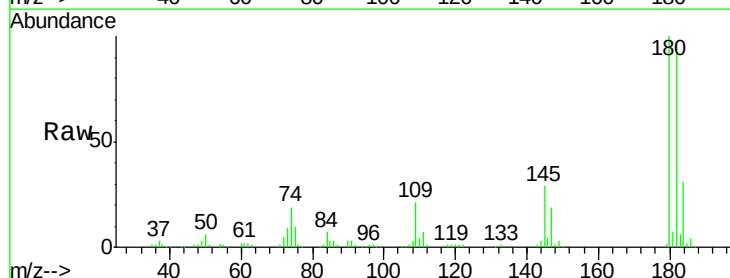


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

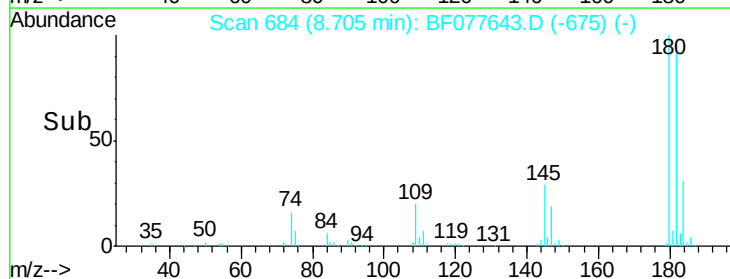
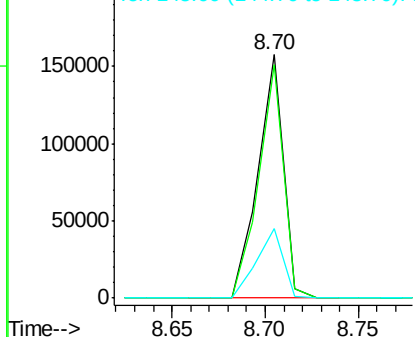


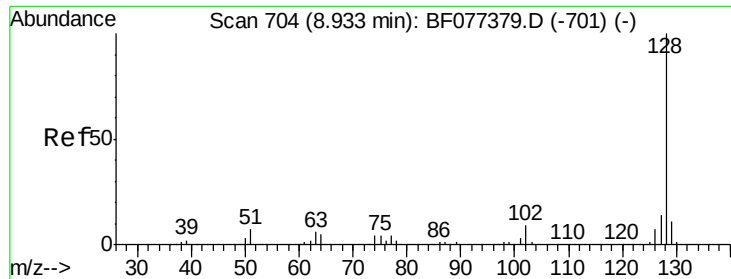
#30
 1,2,4-Trichlorobenzene
 Concen: 39.23 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:180 Resp: 150928
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 145 28.6 24.5 36.7



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

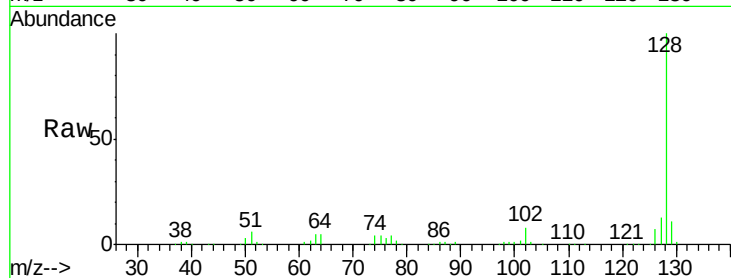




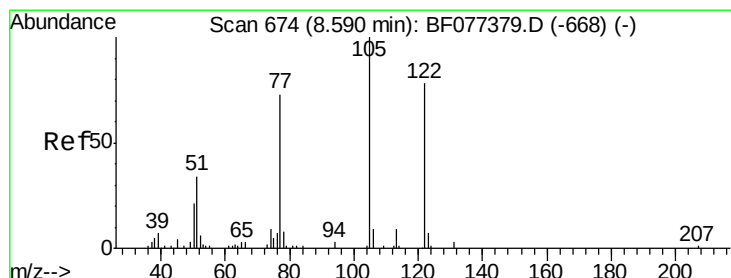
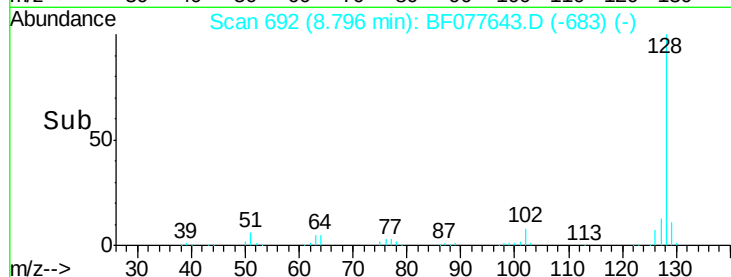
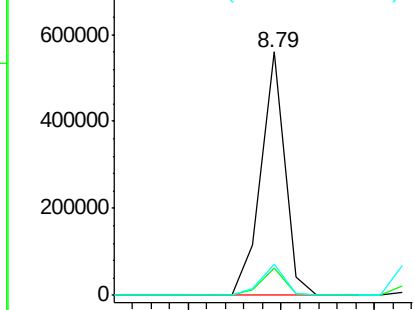
#31
Naphthalene
Concen: 41.04 ng
RT: 8.79 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:128 Resp: 493157
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.6 15.8

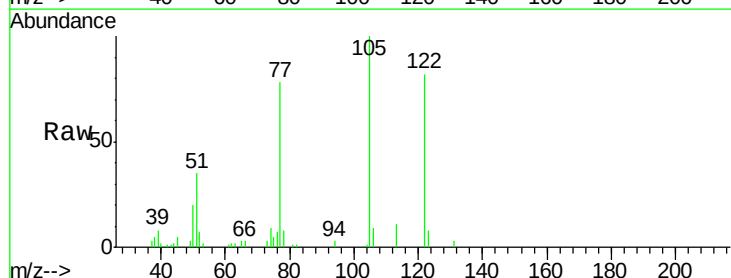


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

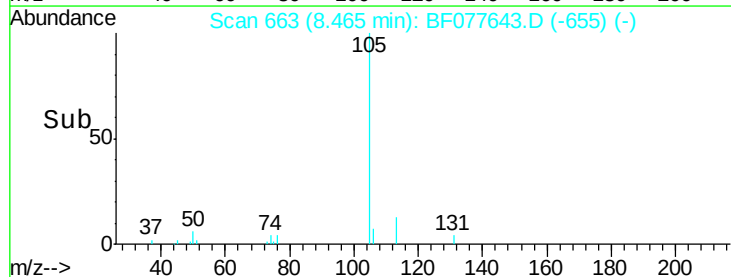
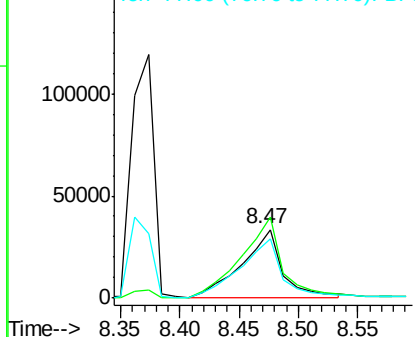


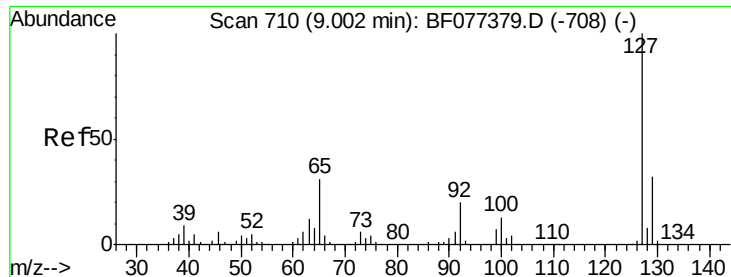
#32
Benzoic acid
Concen: 43.20 ng
RT: 8.47 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:122 Resp: 78258
Ion Ratio Lower Upper
122 100
105 122.2 100.3 140.3
77 95.5 68.7 108.7



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

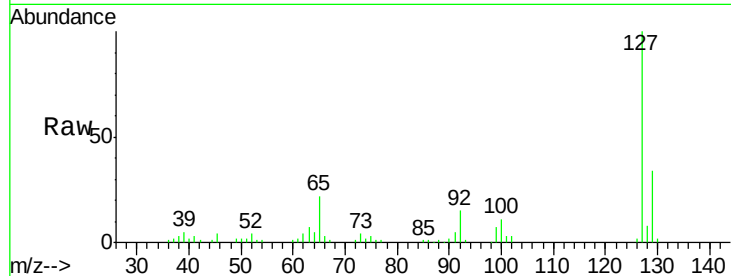




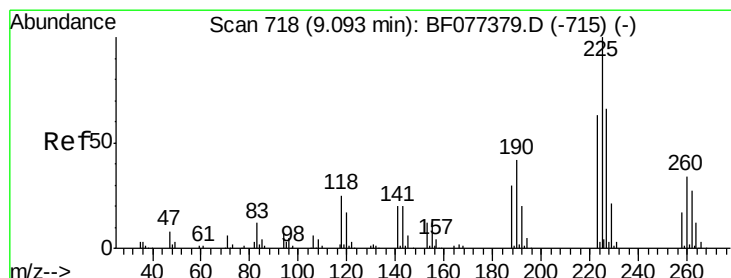
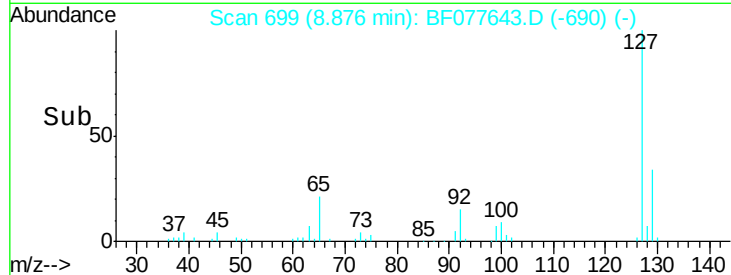
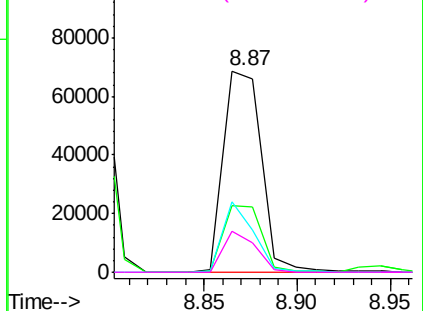
#33
4-Chloroaniline
Concen: 18.44 ng
RT: 8.87 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:	127	Resp:	98510
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.9	40.3
65	21.8	16.7	25.1
92	15.4	12.5	18.7

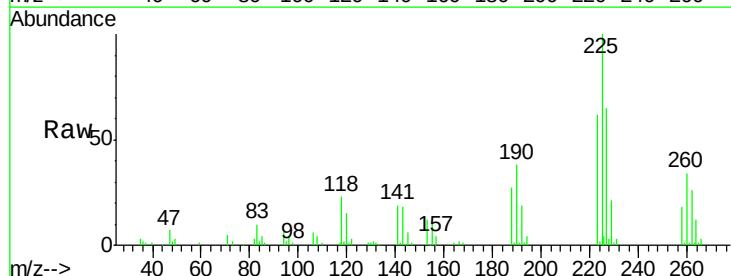


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

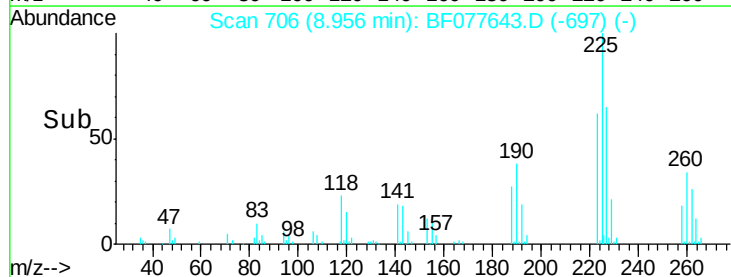
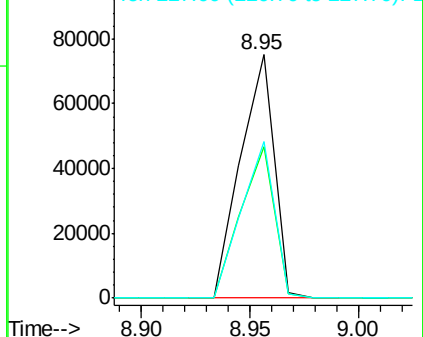


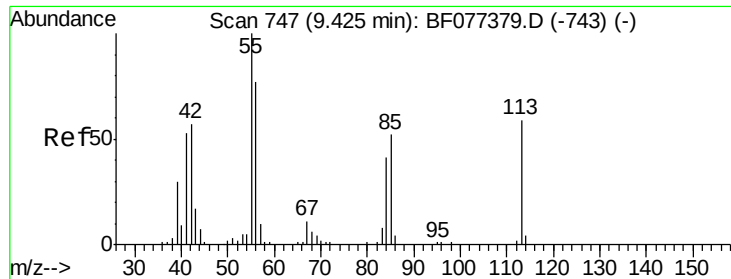
#34
Hexachlorobutadiene
Concen: 36.70 ng
RT: 8.95 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:	225	Resp:	80623
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	64.5	50.5	75.7



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

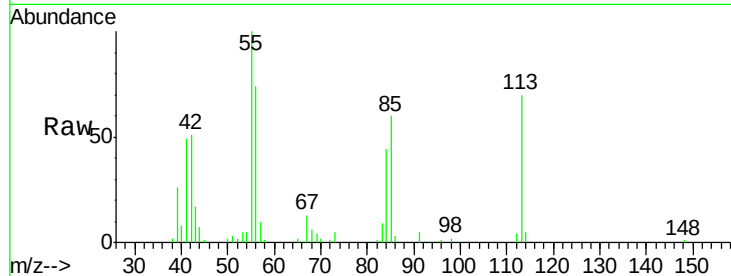




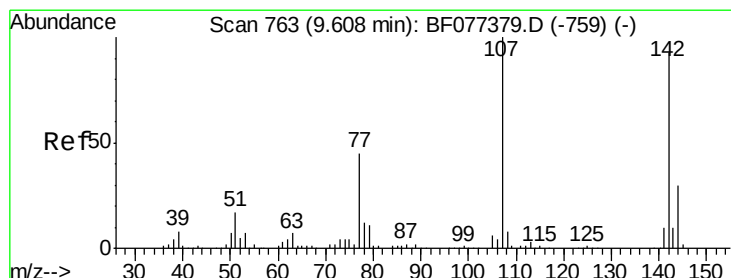
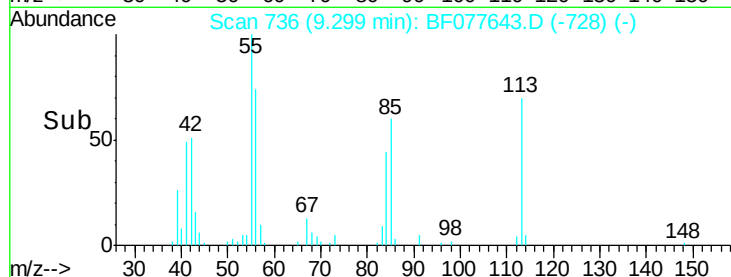
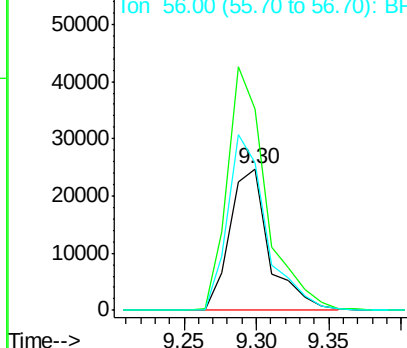
#35
Caprolactam
Concen: 44.07 ng
RT: 9.30 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:113 Resp: 47076
Ion Ratio Lower Upper
113 100
55 142.1 154.6 194.6#
56 104.7 114.0 154.0#

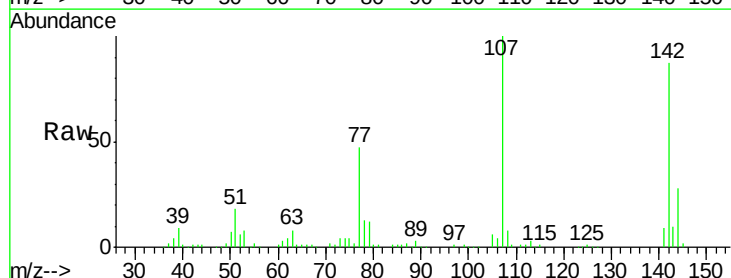


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

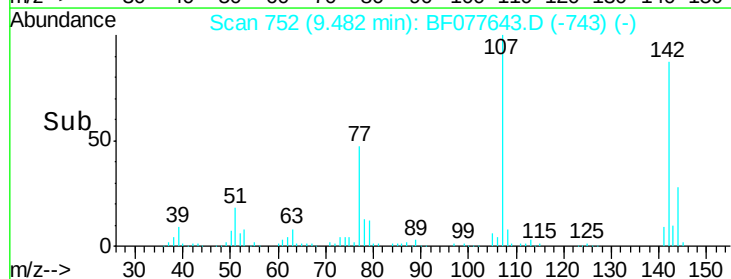
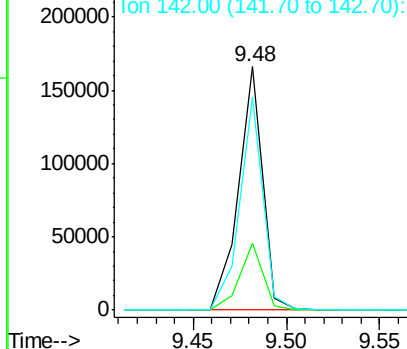


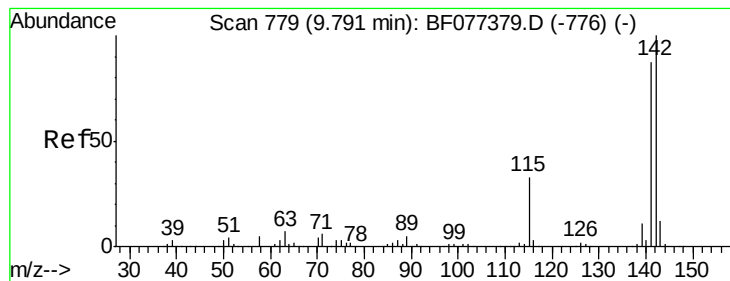
#36
4-Chloro-3-methylphenol
Concen: 43.12 ng
RT: 9.48 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:107 Resp: 151702
Ion Ratio Lower Upper
107 100
144 27.7 21.1 31.7
142 87.3 65.3 97.9



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: 40.00 ng

RT: 9.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

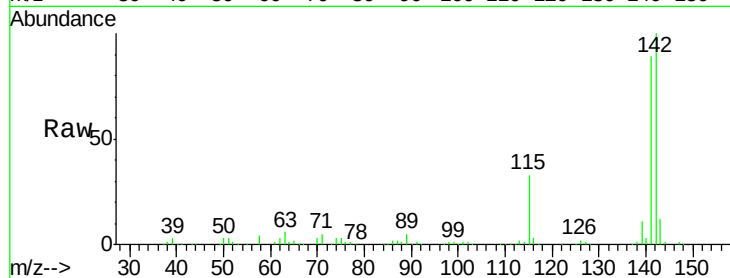
Tot Ion:142 Resp: 341357

Ion Ratio Lower Upper

142 100

141 89.3 70.7 106.1

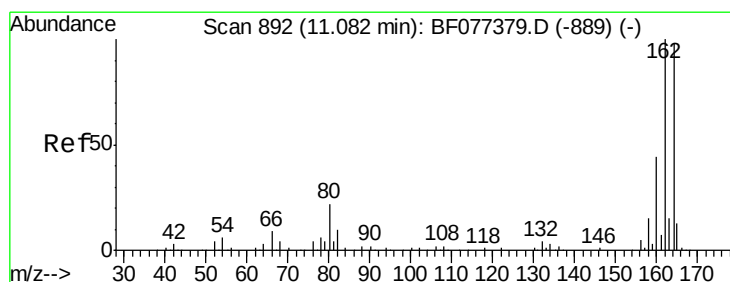
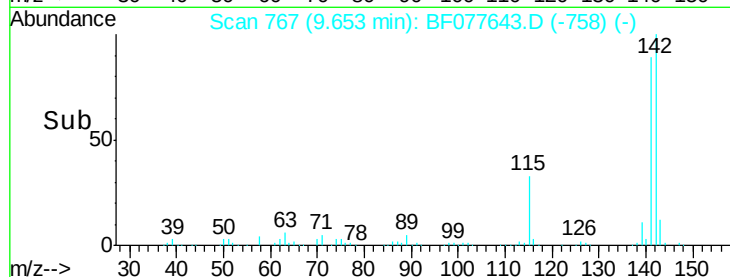
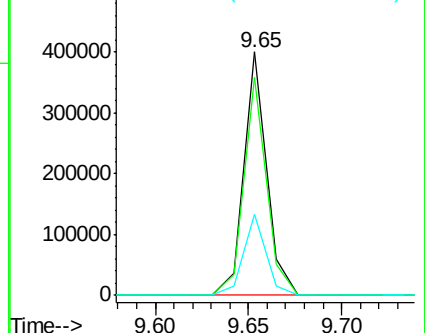
115 33.1 24.2 36.4



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: 10.94 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

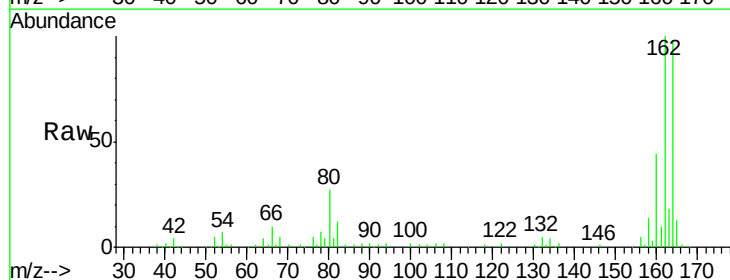
Tgt Ion:164 Resp: 117624

Ion Ratio Lower Upper

164 100

162 102.2 83.2 124.8

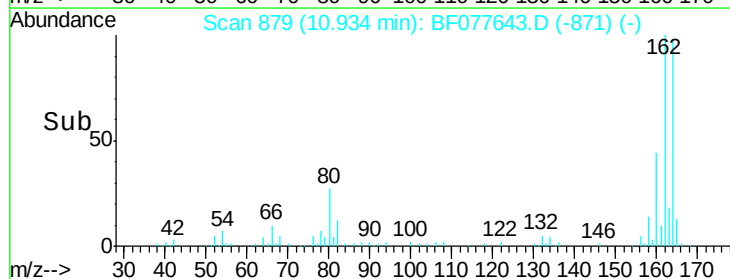
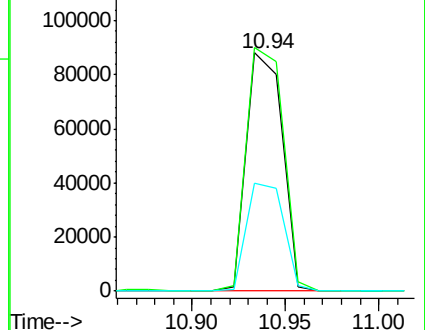
160 45.1 34.6 52.0

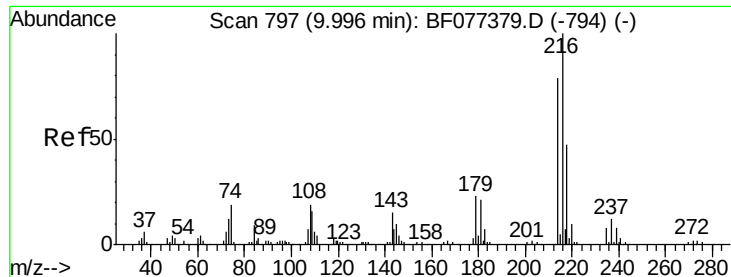


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.56 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

Tot Ion:216 Resp: 147021

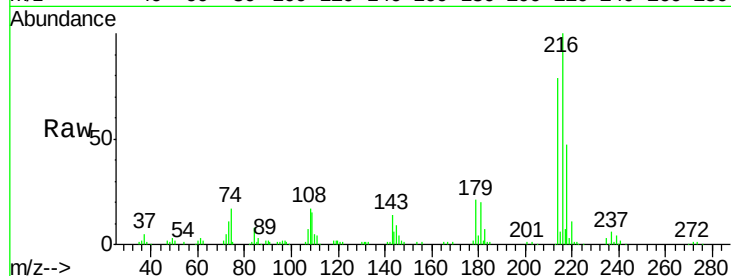
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.2 16.6 25.0

108 21.2 14.2 21.4

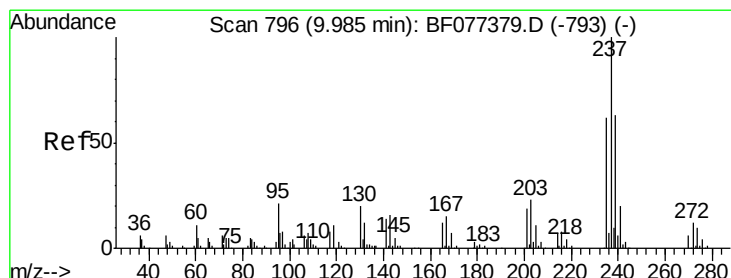
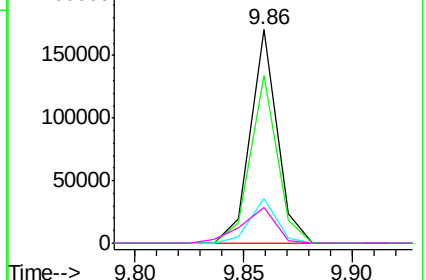
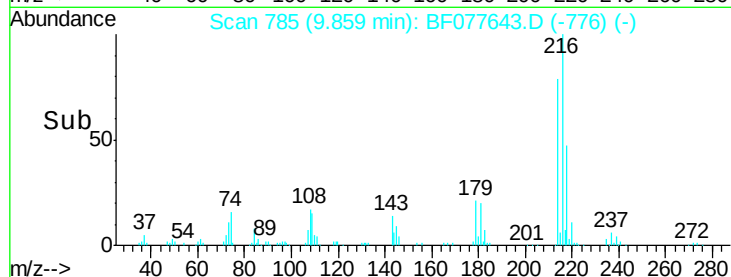


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.25 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

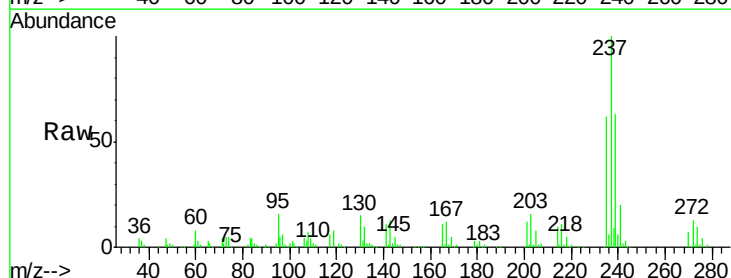
Tgt Ion:237 Resp: 148855

Ion Ratio Lower Upper

237 100

235 61.9 41.0 81.0

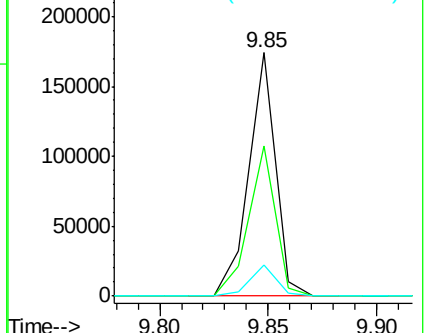
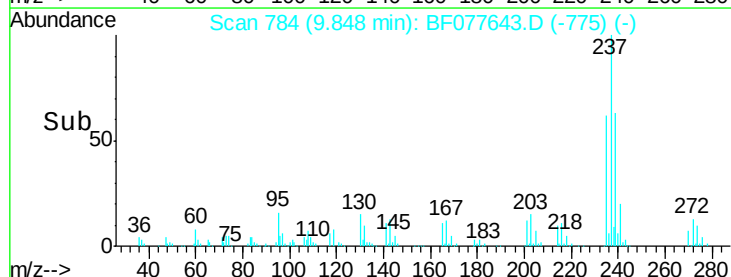
272 12.6 0.0 34.3

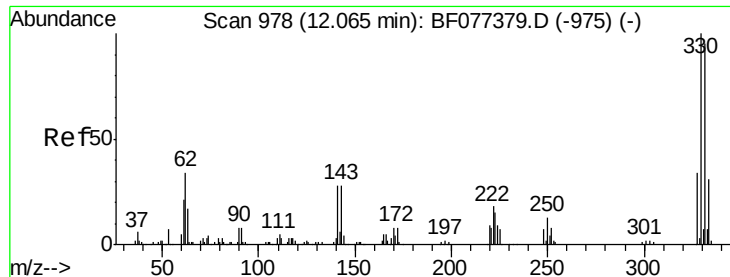


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

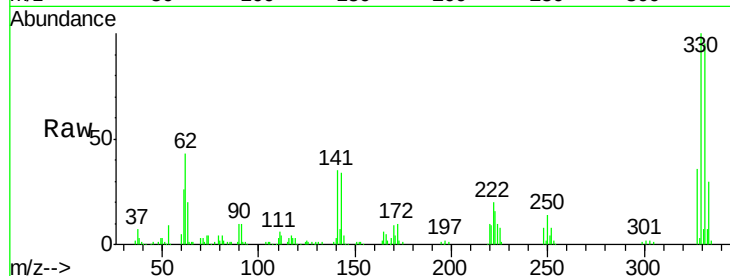




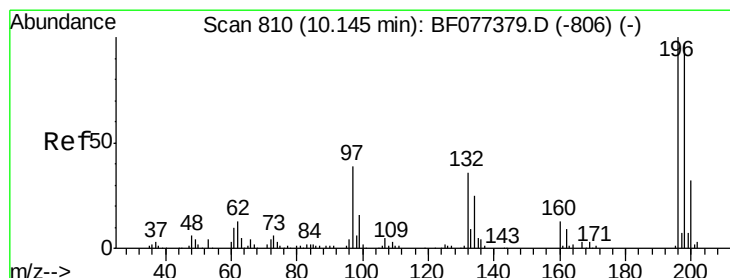
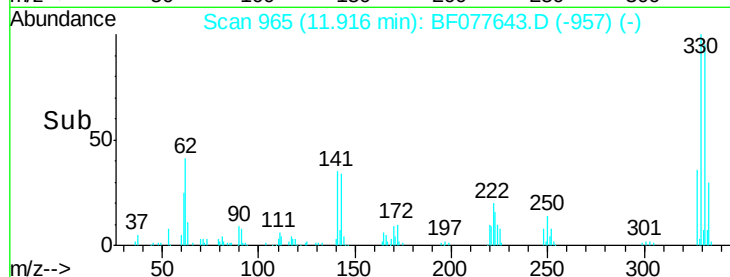
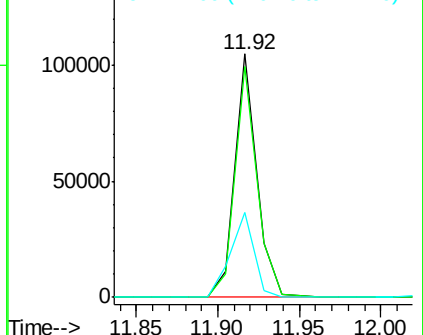
#41
 2,4,6-Tribromophenol
 Concen: 85.61 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:330 Resp: 96955
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 37.7 28.8 43.2

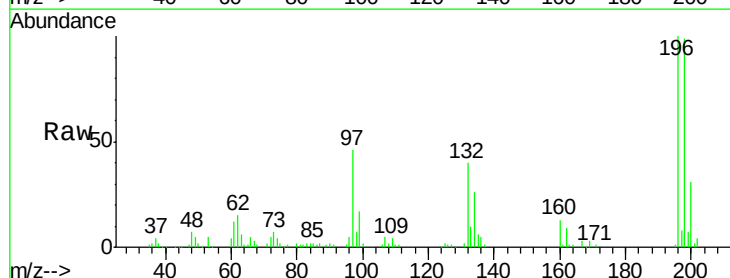


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

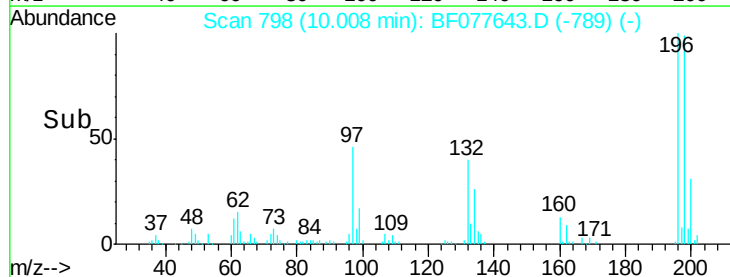
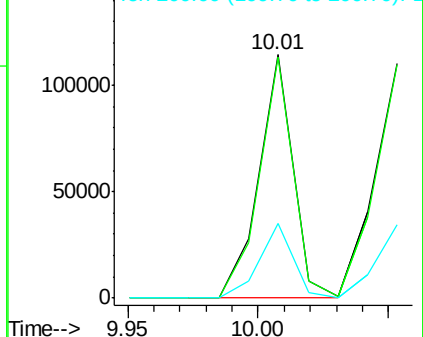


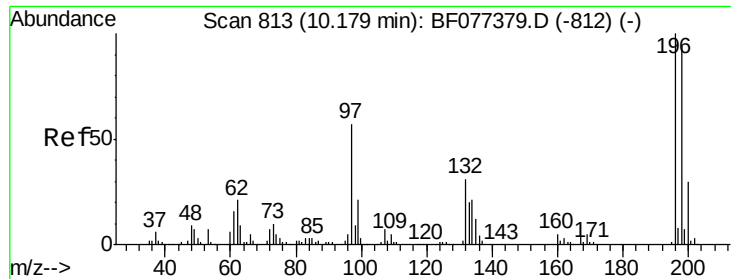
#42
 2,4,6-Trichlorophenol
 Concen: 46.43 ng
 RT: 10.01 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:196 Resp: 103770
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.8 113.8
 200 30.6 24.2 36.4



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

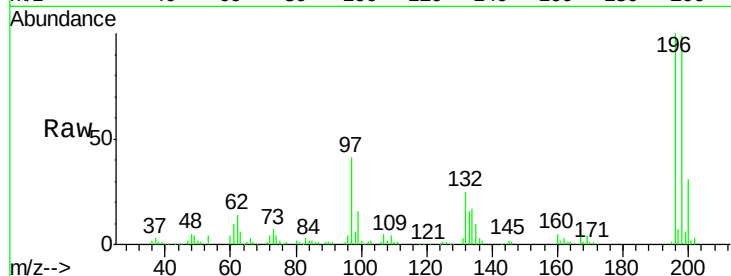




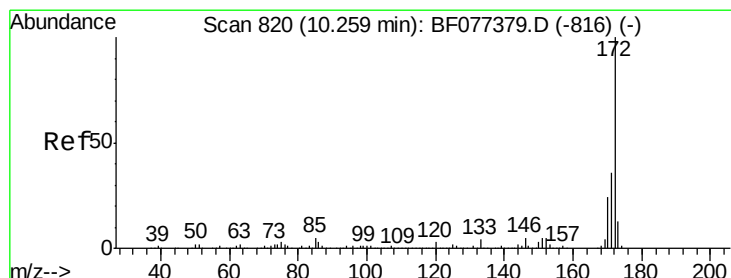
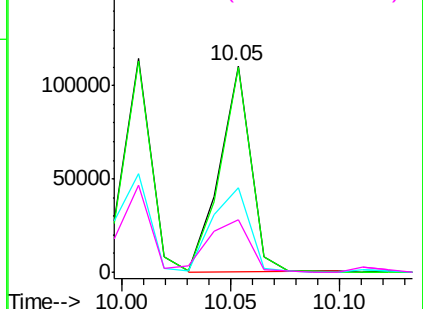
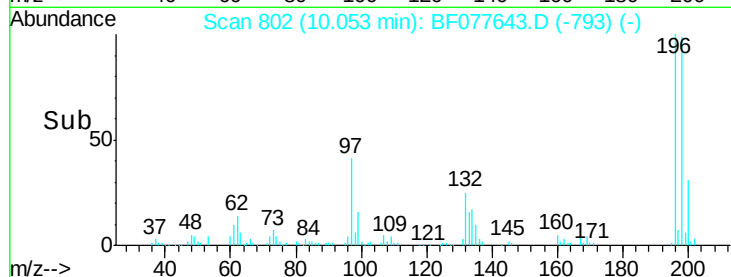
#43
2,4,5-Trichlorophenol
Concen: 45.79 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:196 Resp: 109438
Ion Ratio Lower Upper
196 100
198 99.2 77.2 115.8
97 41.0 27.7 41.5
132 25.5 18.0 27.0

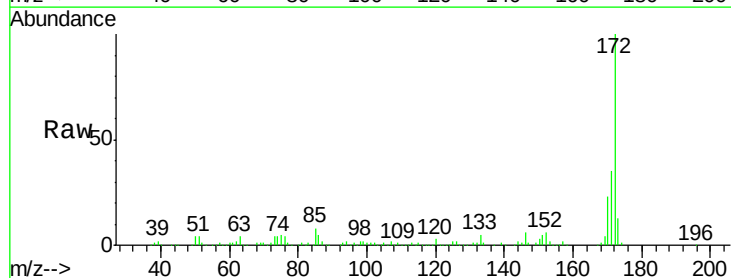


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

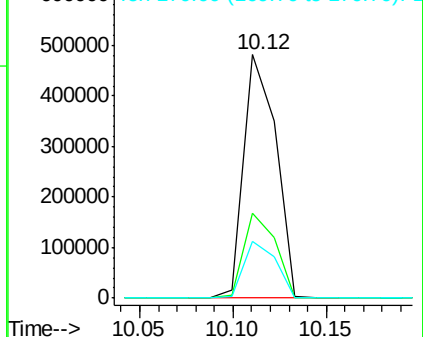
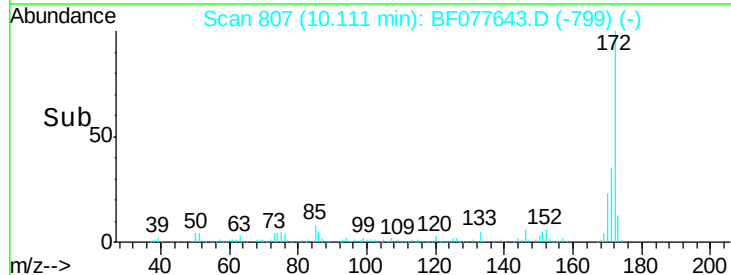


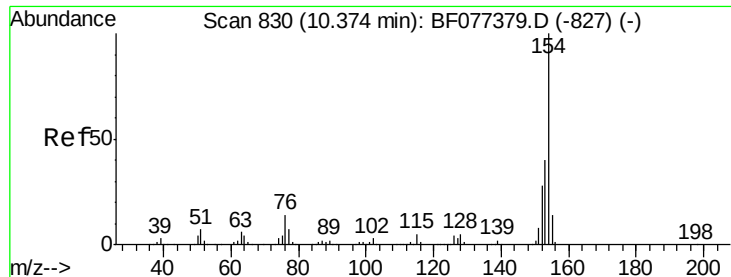
#44
2-Fluorobiphenyl
Concen: 77.28 ng
RT: 10.12 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:172 Resp: 582992
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 23.2 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

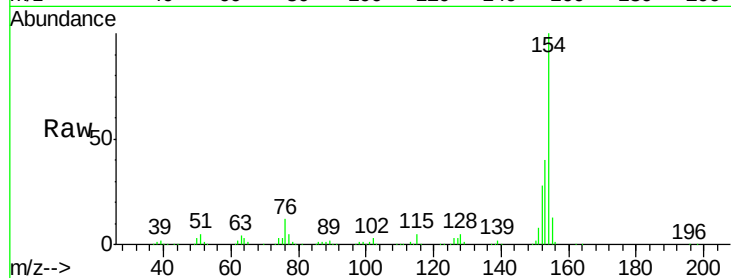




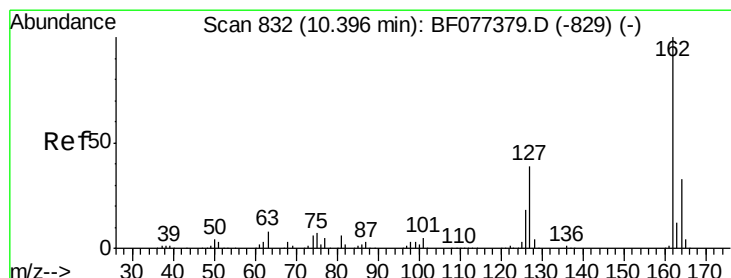
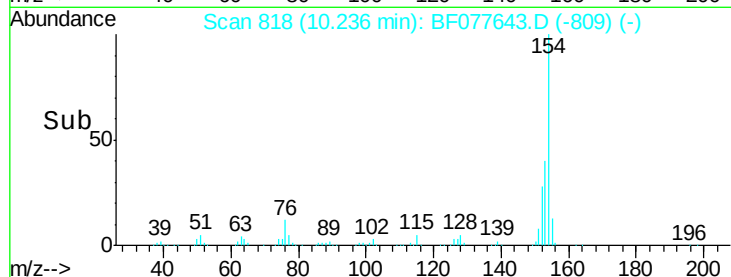
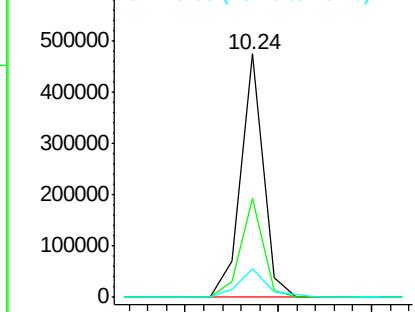
#45
 1,1'-Biphenyl
 Concen: 44.96 ng
 RT: 10.24 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:154 Resp: 400654
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.2 60.2
 76 11.7 0.0 29.4

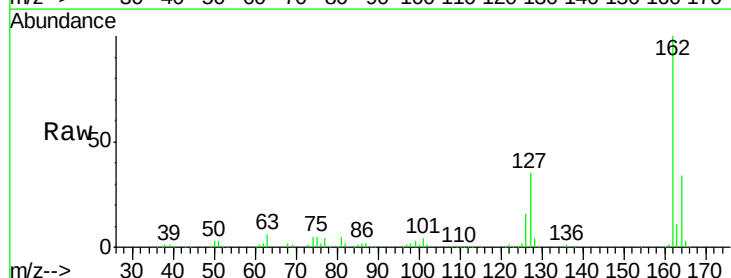


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

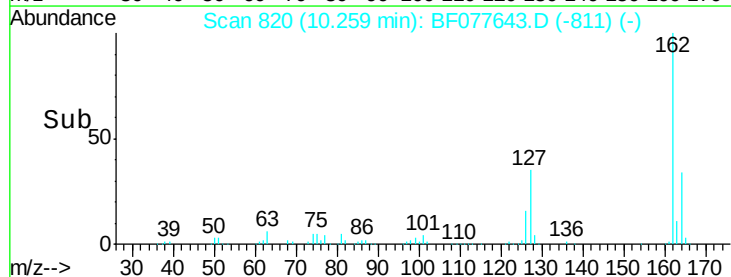
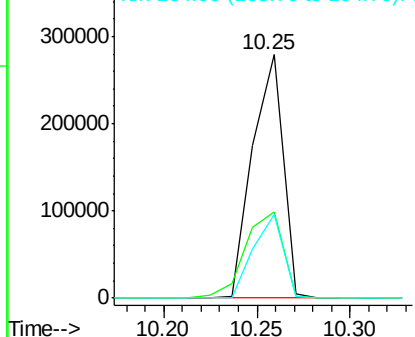


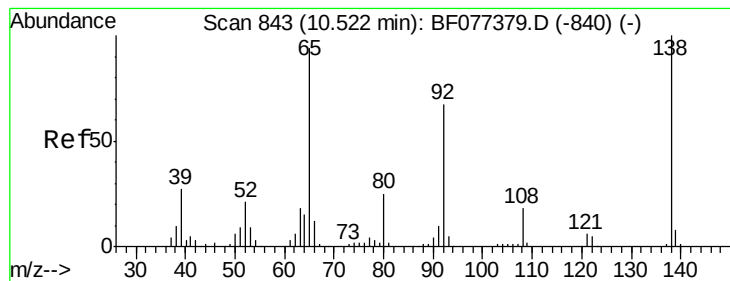
#46
 2-Chloronaphthalene
 Concen: 45.36 ng
 RT: 10.25 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:162 Resp: 317005
 Ion Ratio Lower Upper
 162 100
 127 35.5 33.3 49.9
 164 34.2 26.2 39.4



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





#47

2-Nitroaniline

Concen: 54.29 ng

RT: 10.38 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

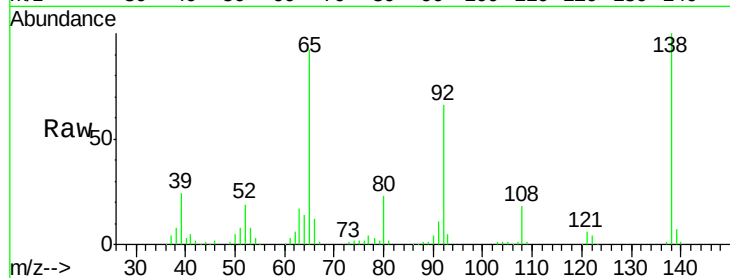
Tot Ion: 65 Resp: 93392

Ion Ratio Lower Upper

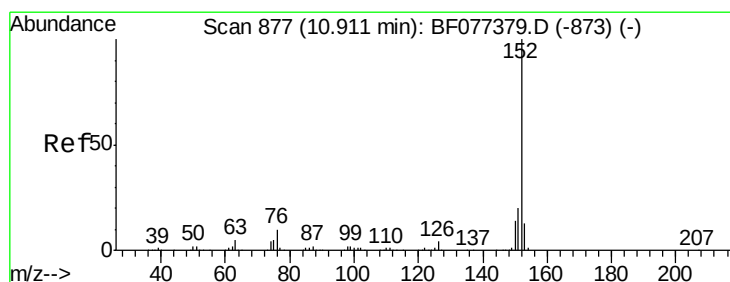
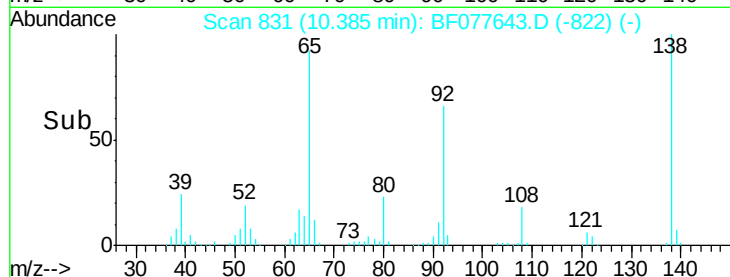
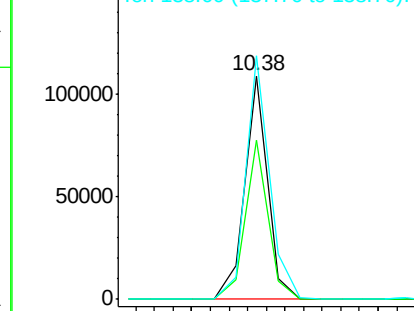
65 100

92 71.4 52.4 78.6

138 109.0 73.4 110.0



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



#48

Acenaphthylene

Concen: 45.73 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

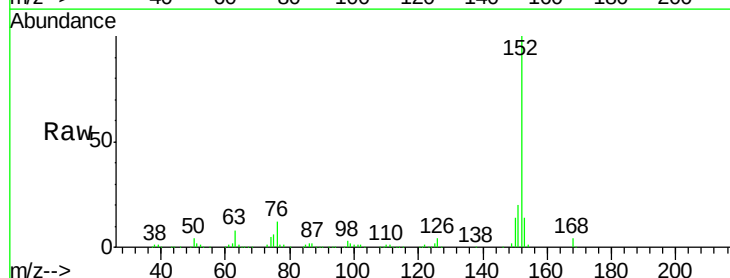
Tgt Ion: 152 Resp: 505897

Ion Ratio Lower Upper

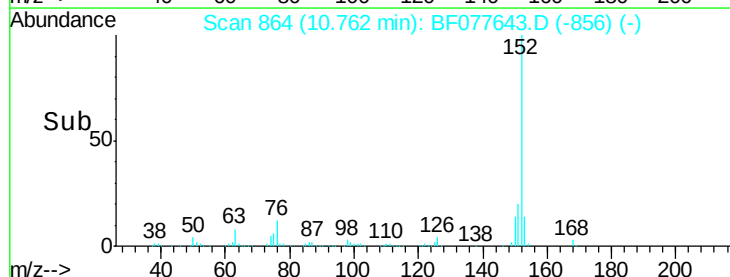
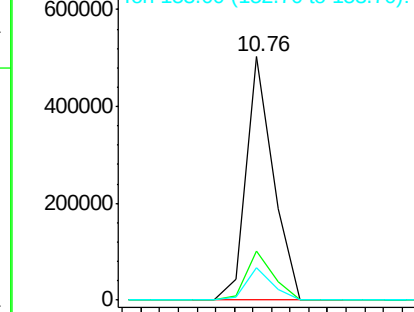
152 100

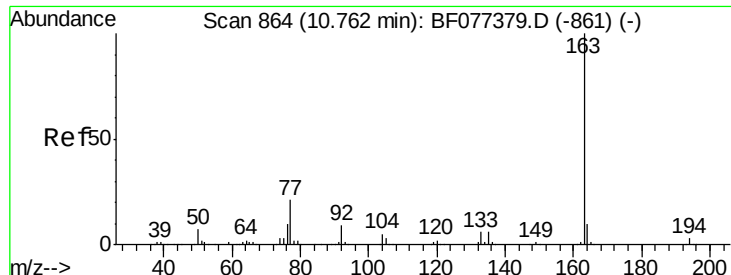
151 20.3 16.1 24.1

153 13.5 10.9 16.3



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

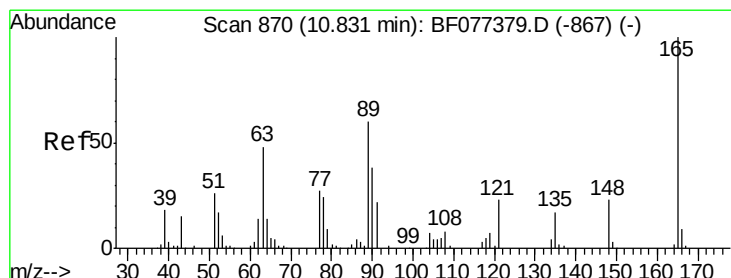
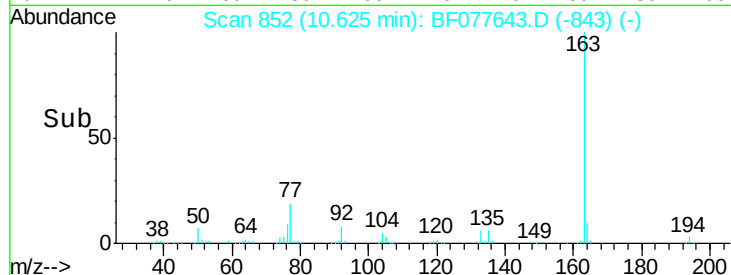
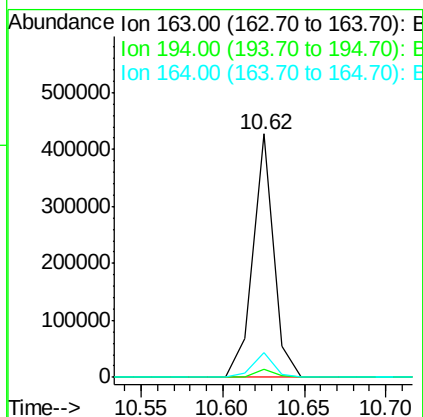
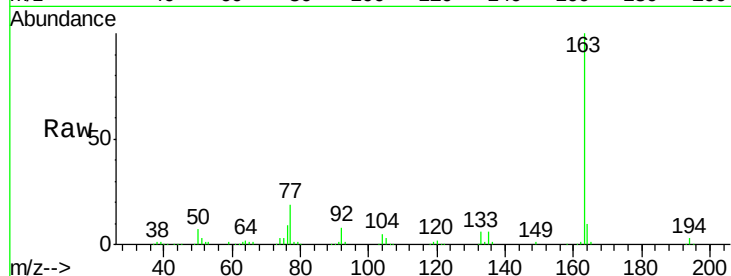




#49
Dimethylphthalate
Concen: 45.84 ng
RT: 10.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

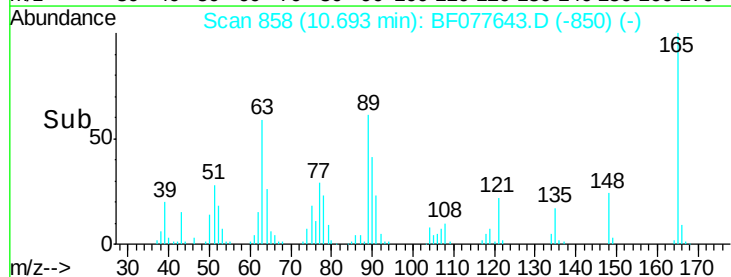
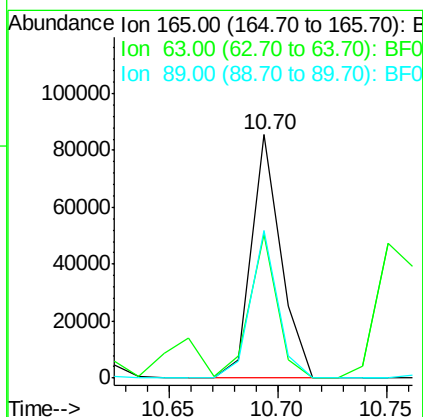
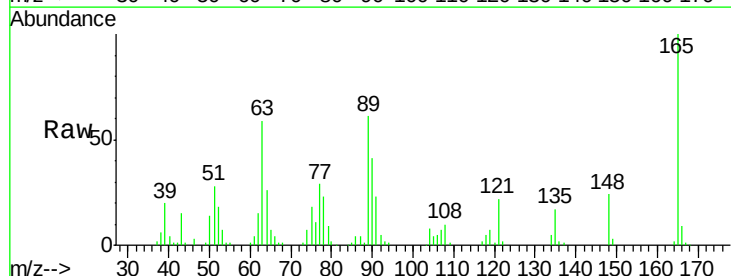
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

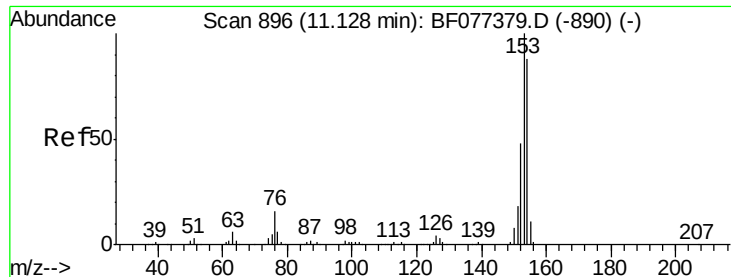
Tot Ion:163 Resp: 379050
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 48.43 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:165 Resp: 80295
Ion Ratio Lower Upper
165 100
63 59.0 25.2 37.8#
89 60.8 30.5 45.7#





#51

Acenaphthene

Concen: 44.18 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

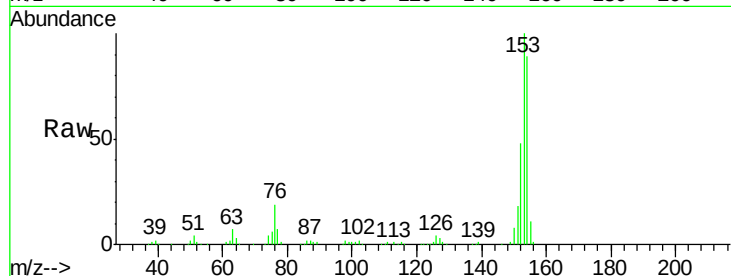
Tot Ion:154 Resp: 291714

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

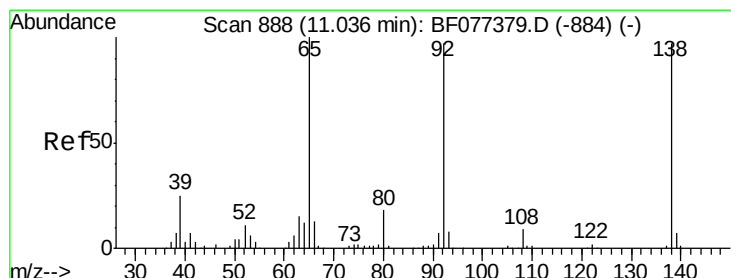
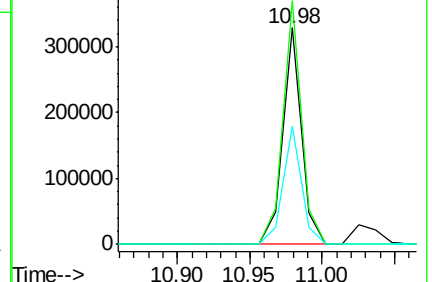
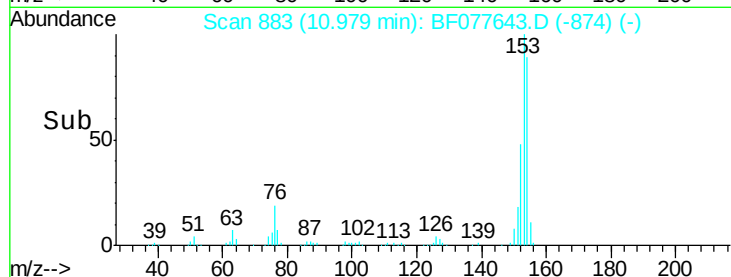
152 54.4 43.5 65.3



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: 30.52 ng

RT: 10.89 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

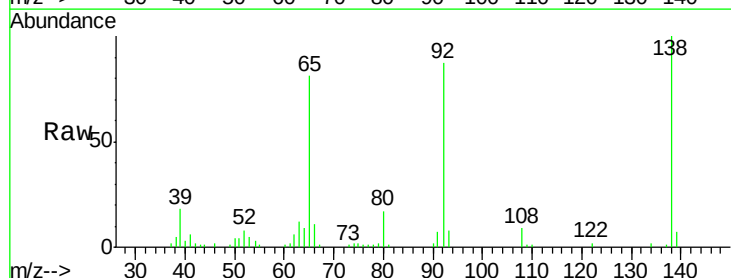
Tgt Ion:138 Resp: 58352

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.8

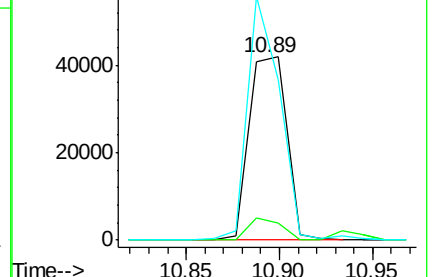
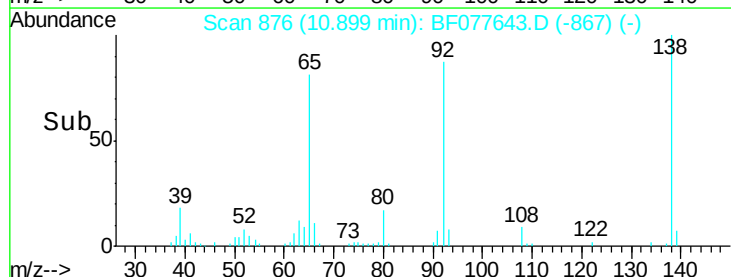
92 87.5 90.6 135.8#

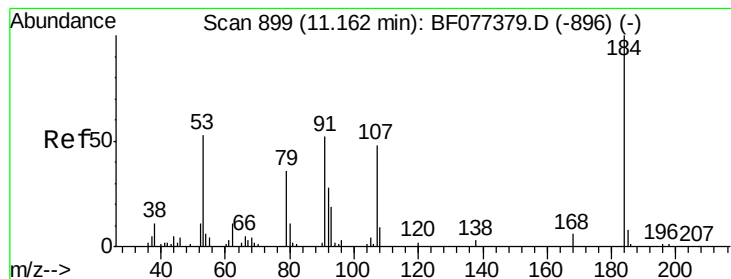


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 113.97 ng

RT: 11.03 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

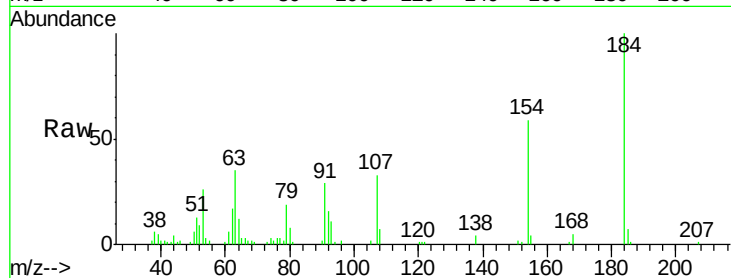
Tot Ion:184 Resp: 57503

Ion Ratio Lower Upper

184 100

63 35.0 29.5 44.3

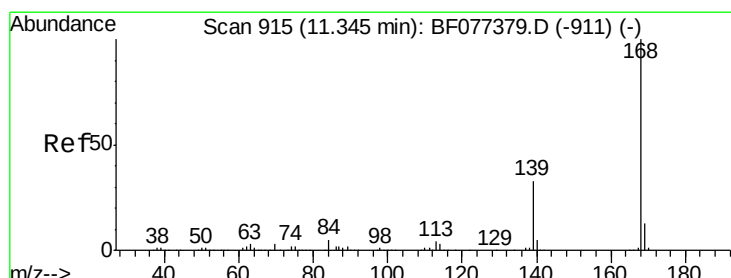
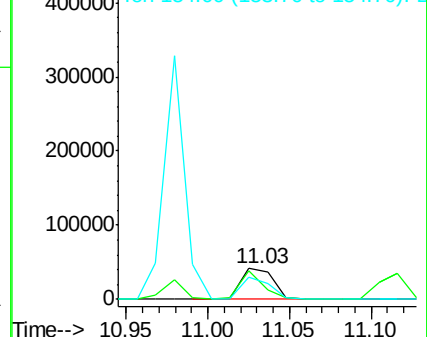
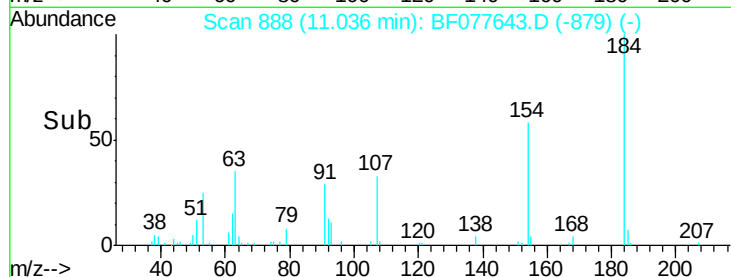
154 58.9 43.2 64.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.60 ng

RT: 11.20 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

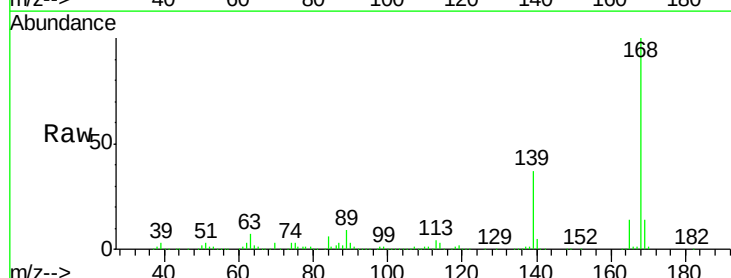
Tgt Ion:168 Resp: 464884

Ion Ratio Lower Upper

168 100

139 37.1 29.3 43.9

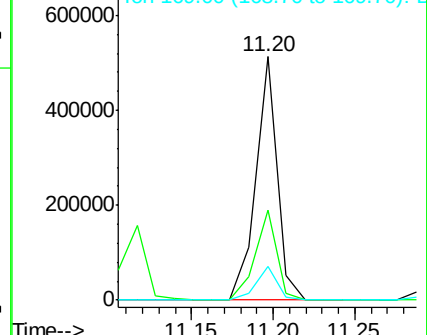
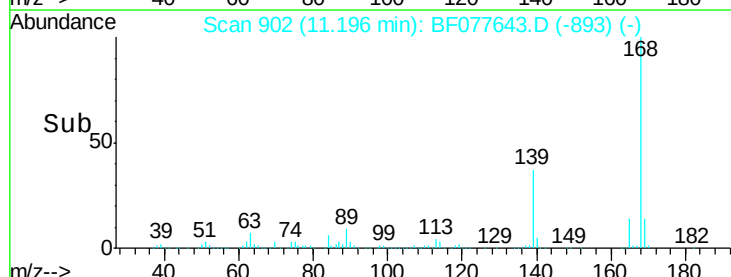
169 13.7 10.9 16.3

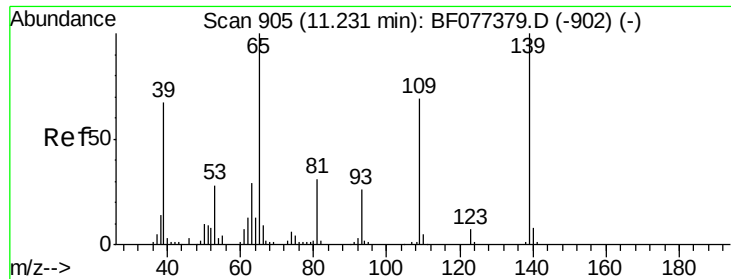


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

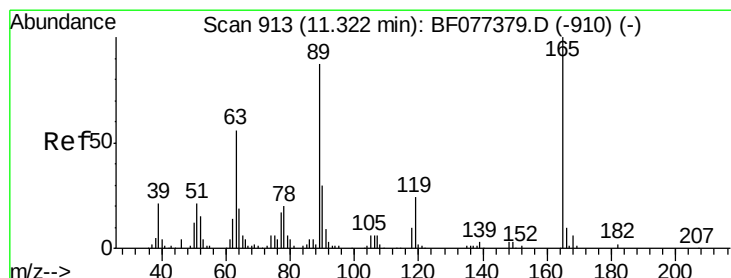
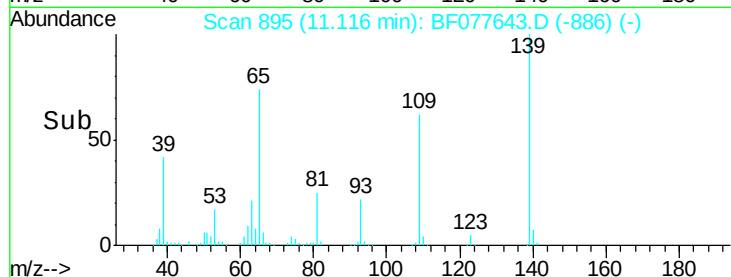
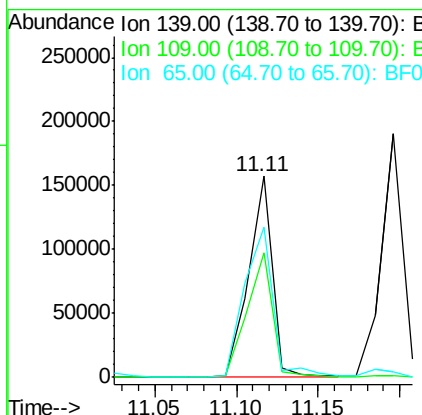
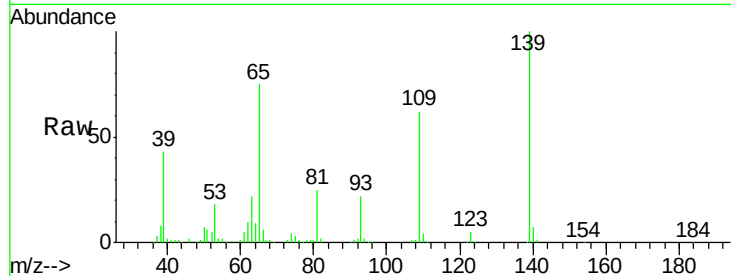




#55
4-Nitrophenol
Concen: 103.84 ng
RT: 11.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

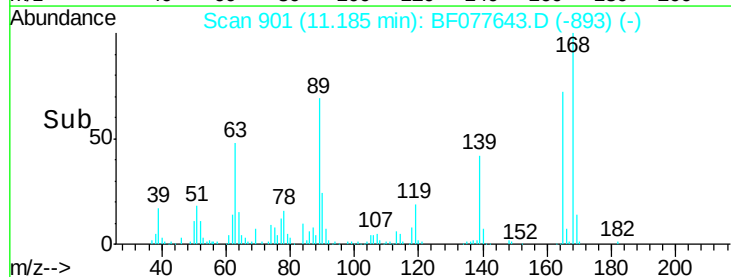
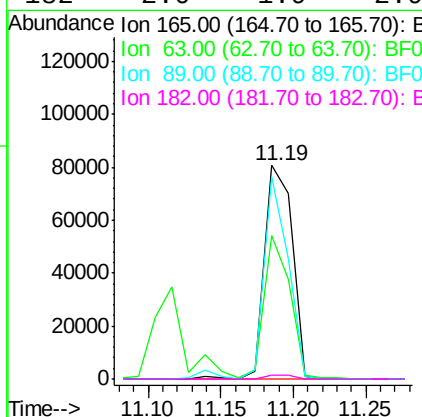
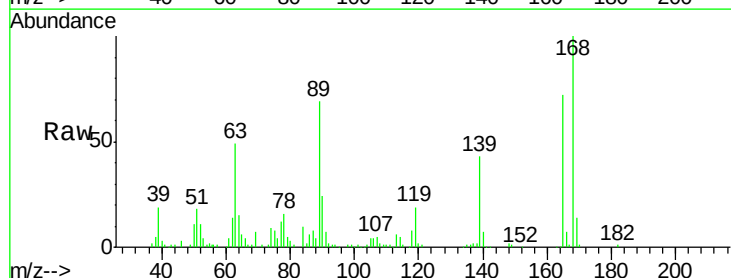
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

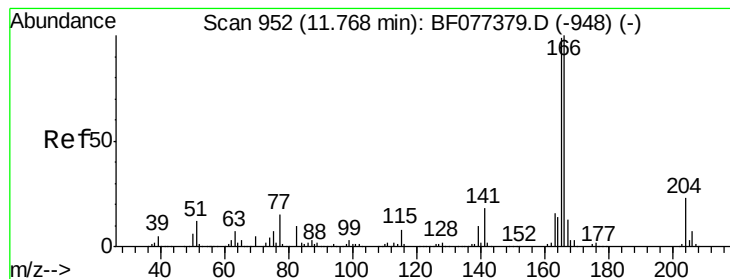
Tot Ion:139 Resp: 159660
Ion Ratio Lower Upper
139 100
109 62.2 36.2 76.2
65 74.6 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 47.68 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:165 Resp: 106838
Ion Ratio Lower Upper
165 100
63 67.3 29.8 44.8#
89 94.9 48.5 72.7#
182 2.0 1.9 2.9





#57

Fluorene

Concen: 47.42 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

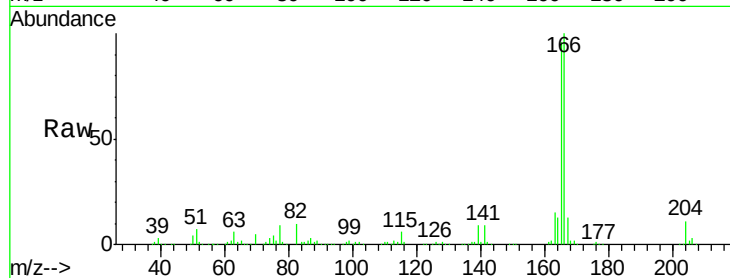
Tot Ion:166 Resp: 386506

Ion Ratio Lower Upper

166 100

165 96.2 77.6 116.4

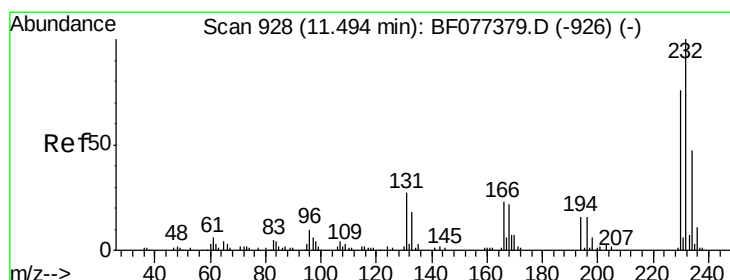
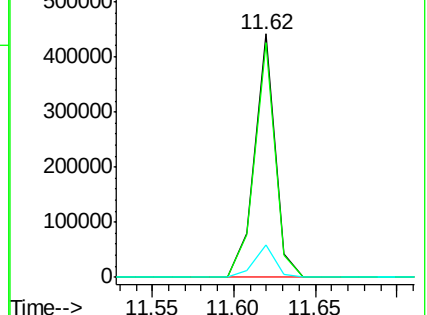
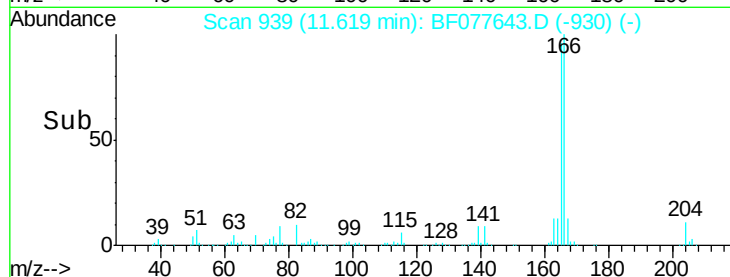
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.95 ng

RT: 11.35 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Tgt Ion:232 Resp: 92126

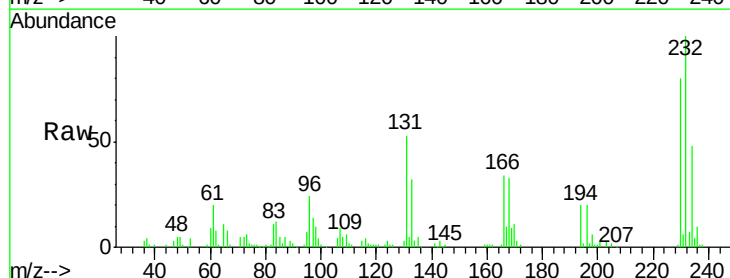
Ion Ratio Lower Upper

232 100

131 46.7 34.2 51.2

130 2.4 1.8 2.6

166 32.0 24.3 36.5

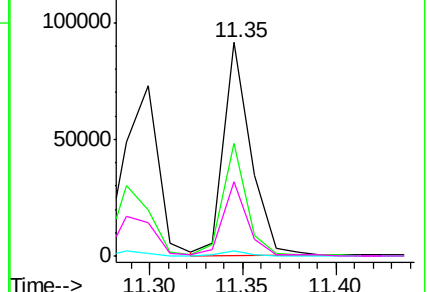
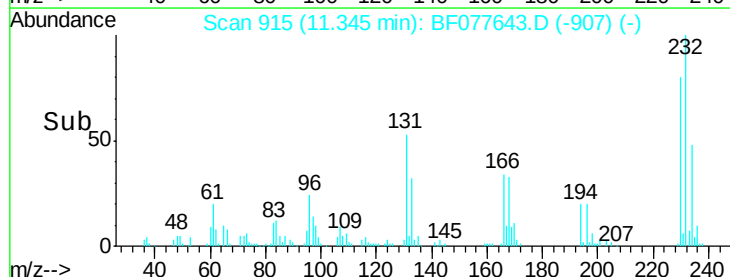


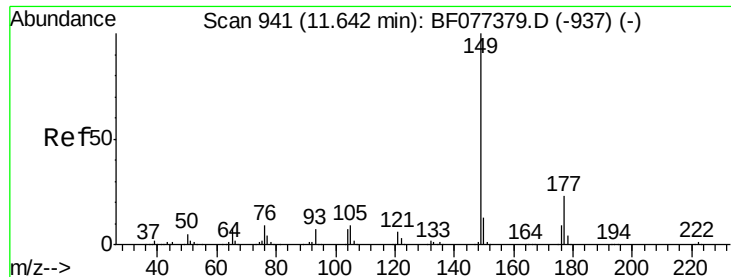
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

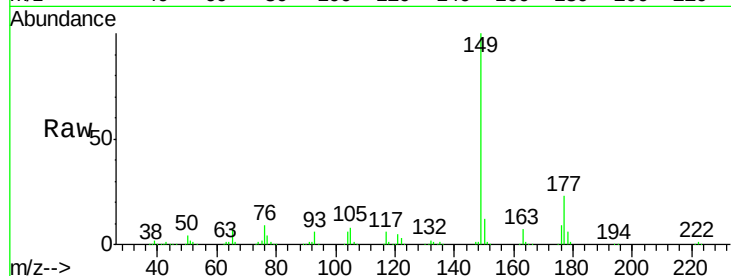




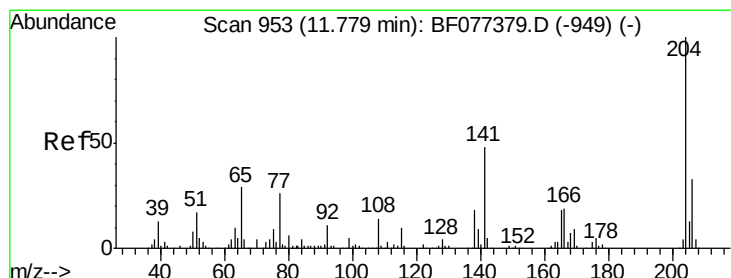
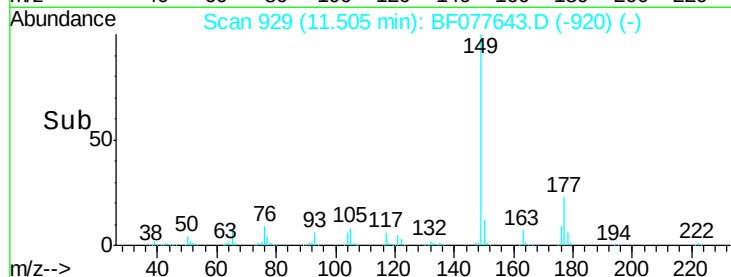
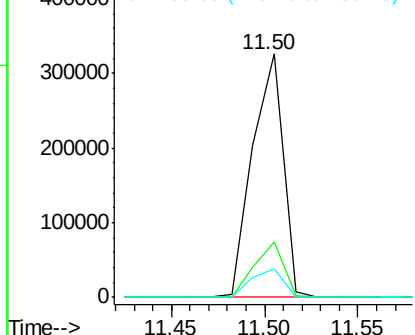
#59
Diethylphthalate
Concen: 45.46 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:149 Resp: 370586
Ion Ratio Lower Upper
149 100
177 23.0 17.2 25.8
150 11.6 10.5 15.7

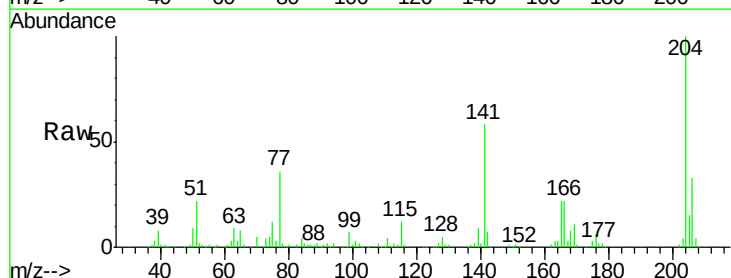


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

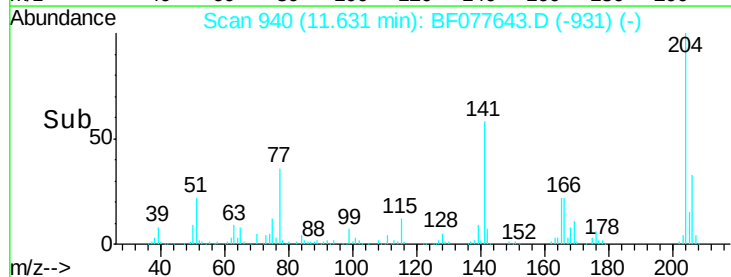
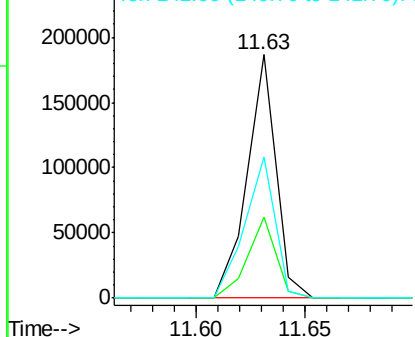


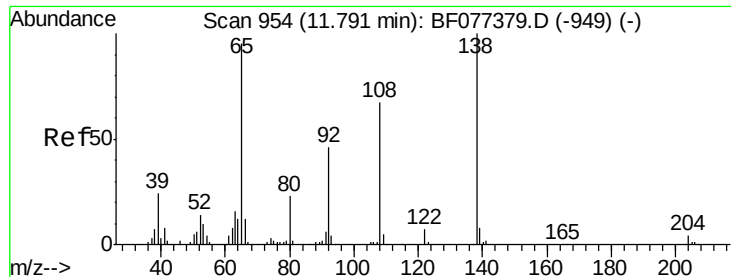
#60
4-Chlorophenyl-phenylether
Concen: 43.72 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:204 Resp: 171666
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 58.0 43.6 65.4



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

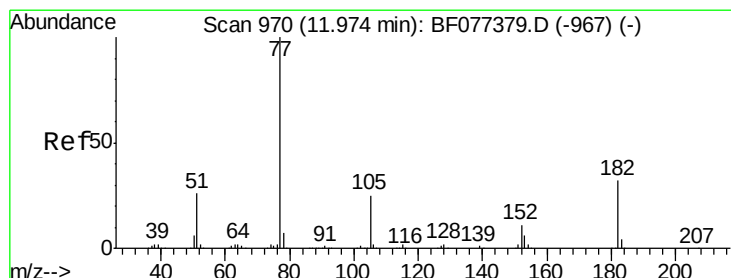
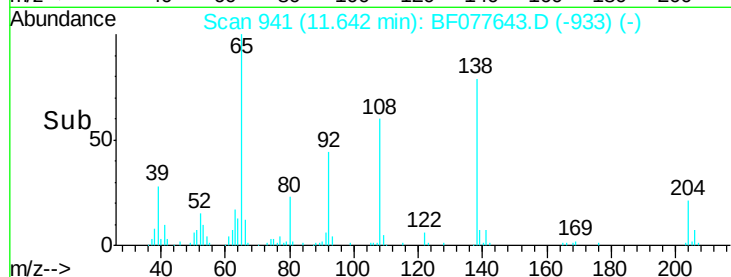
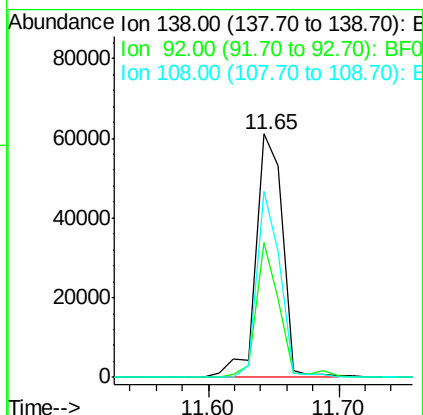
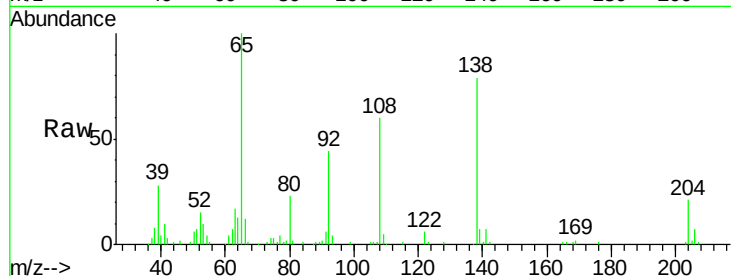




#61
4-Nitroaniline
Concen: 47.86 ng
RT: 11.65 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

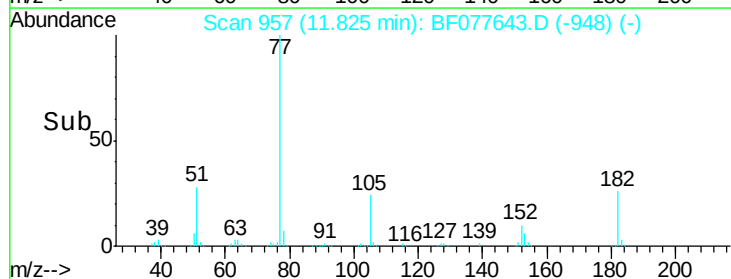
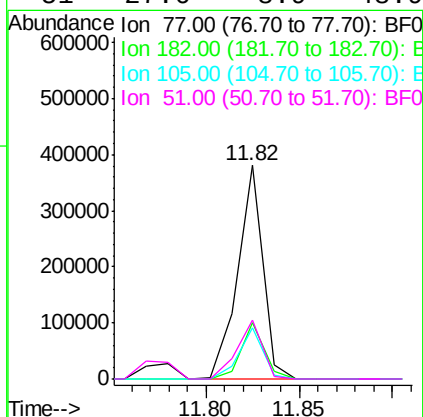
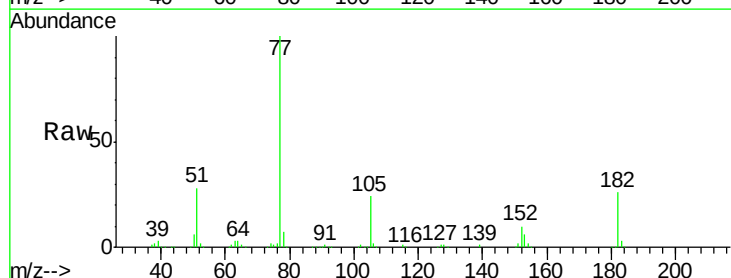
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

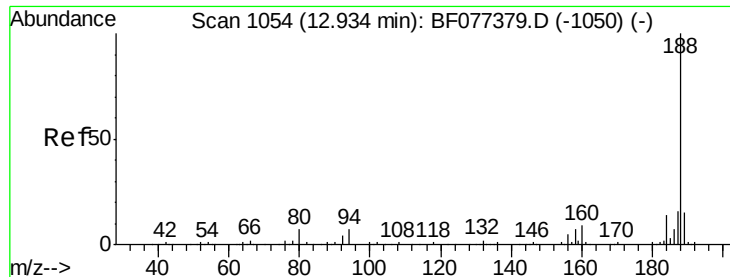
Tot Ion:138 Resp: 87692
Ion Ratio Lower Upper
138 100
92 55.6 32.8 72.8
108 76.5 52.1 92.1



#62
Azobenzene
Concen: 46.50 ng
RT: 11.82 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 77 Resp: 359609
Ion Ratio Lower Upper
77 100
182 26.4 4.9 44.9
105 24.0 3.3 43.3
51 27.6 8.9 48.9

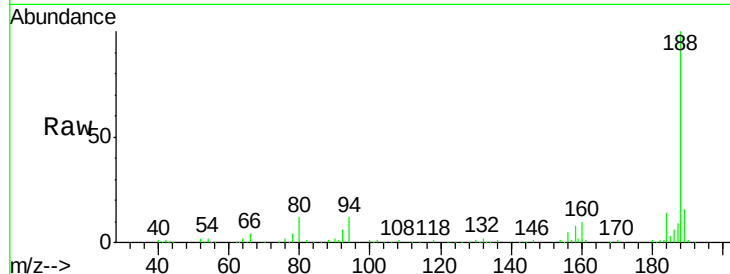




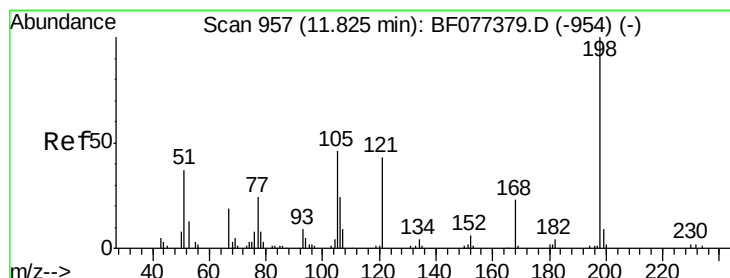
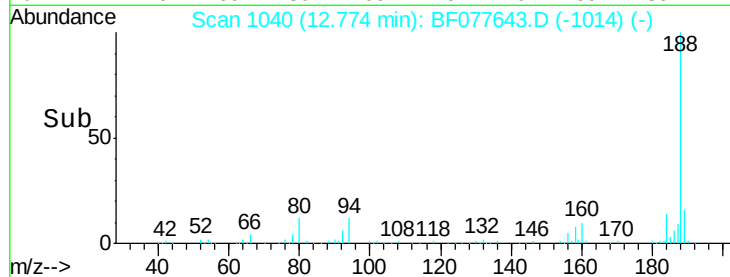
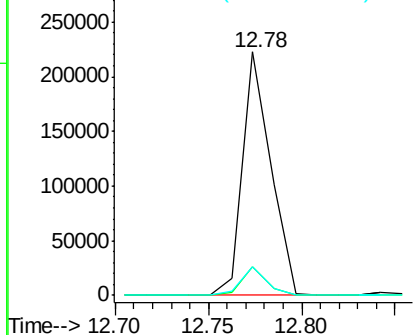
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:188 Resp: 234137
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 11.9 8.0 12.0

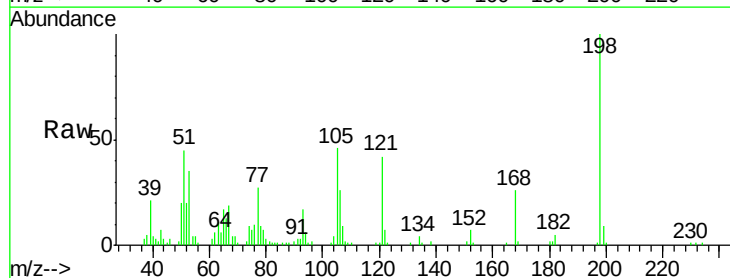


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

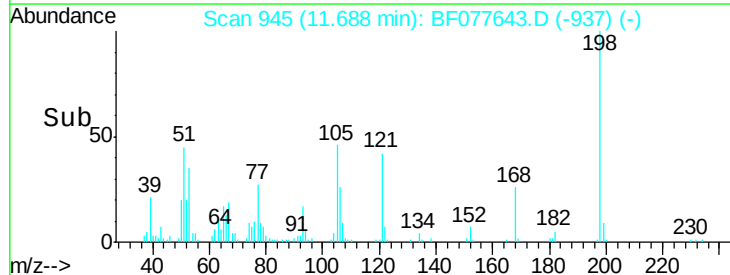
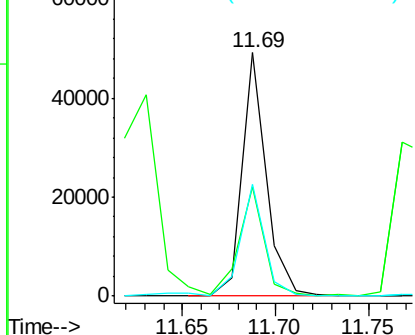


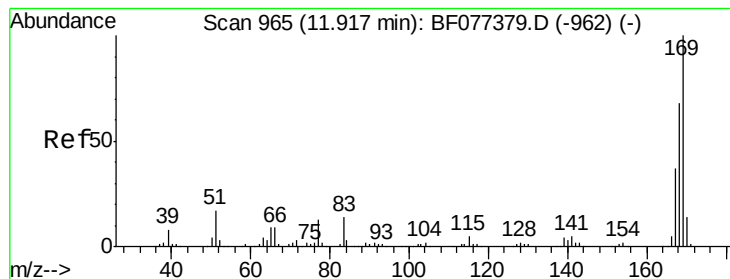
#64
4,6-Dinitro-2-methylphenol
Concen: 47.40 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:198 Resp: 44232
Ion Ratio Lower Upper
198 100
51 44.8 2.7 42.7#
105 45.9 10.0 50.0



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

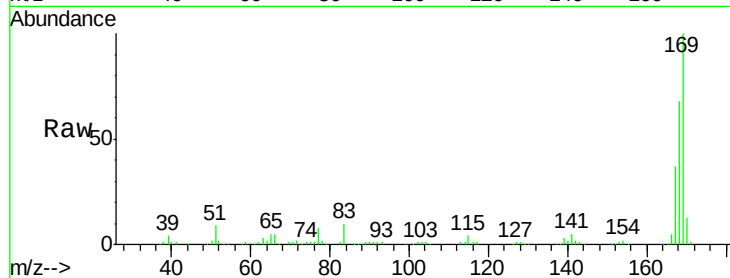




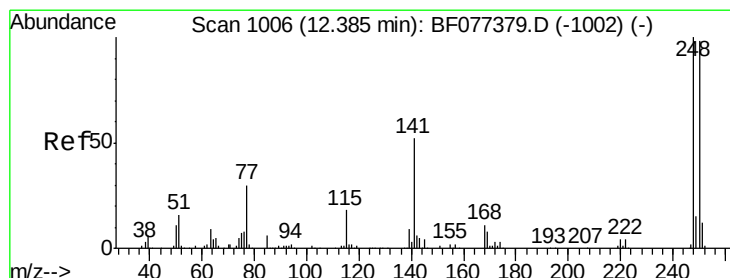
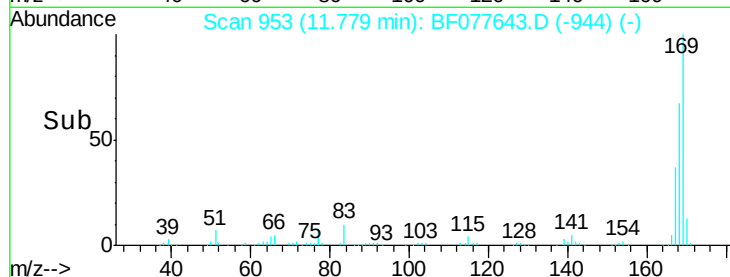
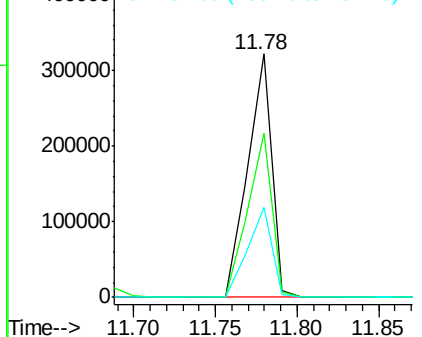
#65
 n-Nitrosodiphenylamine
 Concen: 42.35 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:169 Resp: 328965
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.0 79.6
 167 37.2 29.5 44.3

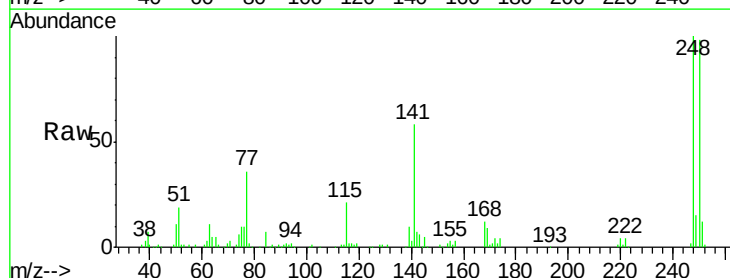


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

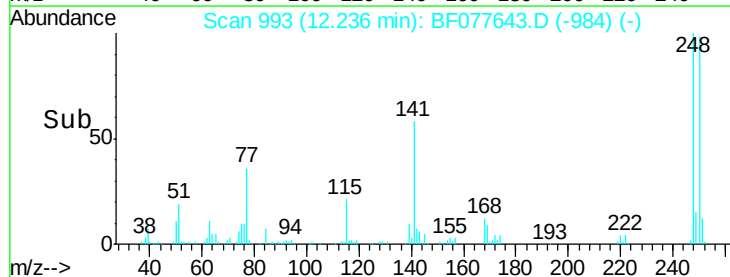
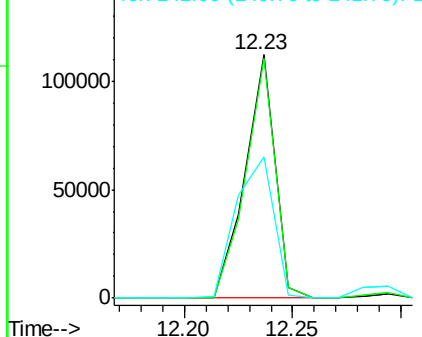


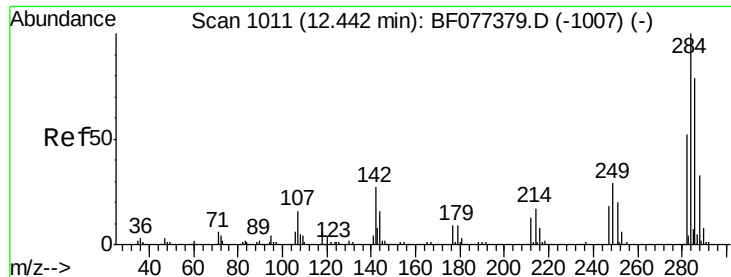
#66
 4-Bromophenyl-phenylether
 Concen: 38.95 ng
 RT: 12.23 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:248 Resp: 106805
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.0 117.0
 141 58.2 54.1 81.1



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

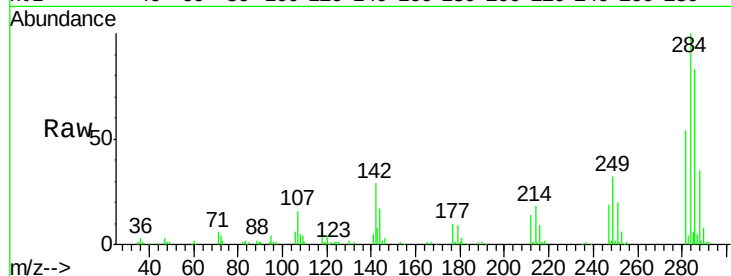




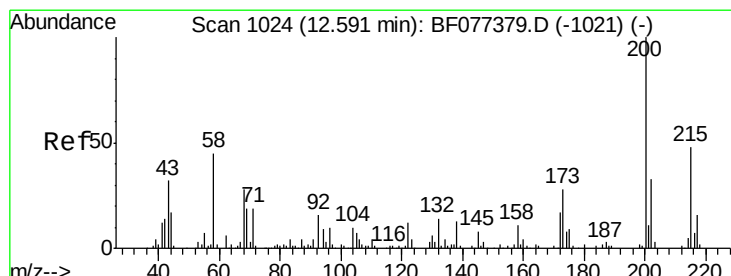
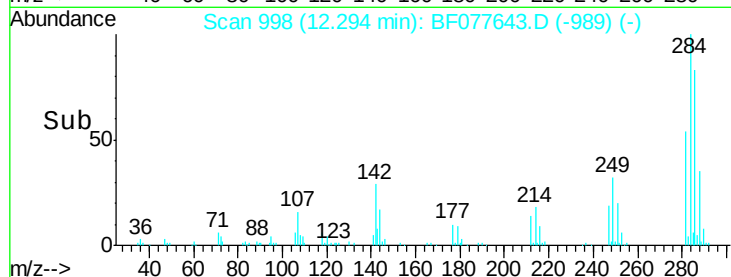
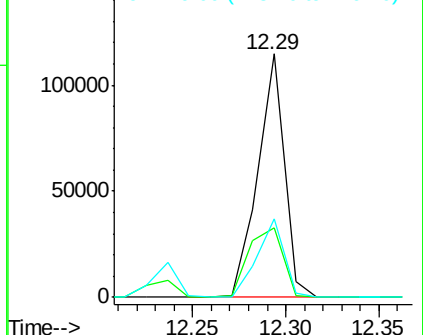
#67
Hexachlorobenzene
Concen: 38.25 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tot Ion:284 Resp: 112572
Ion Ratio Lower Upper
284 100
142 28.7 31.6 47.4#
249 32.0 27.0 40.4

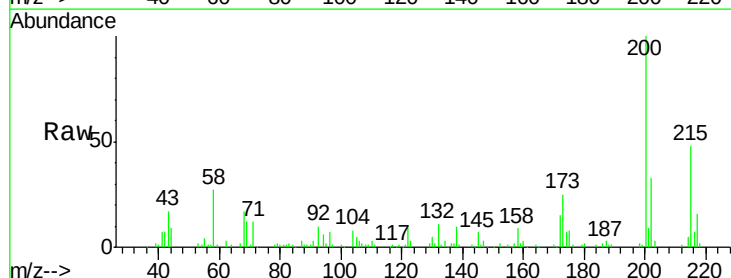


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

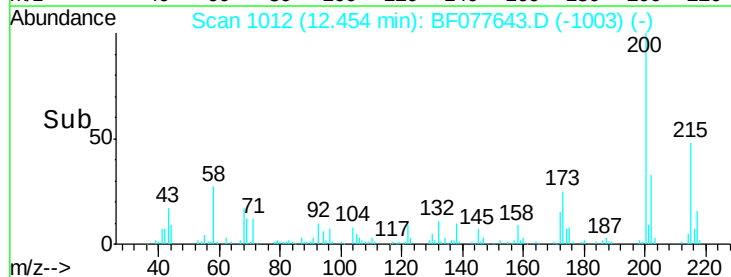
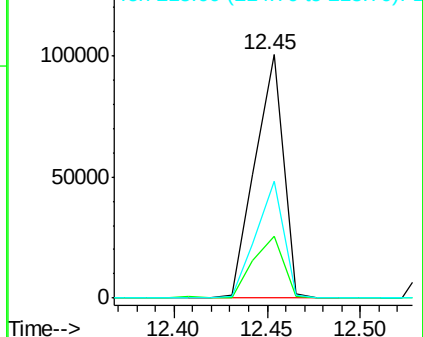


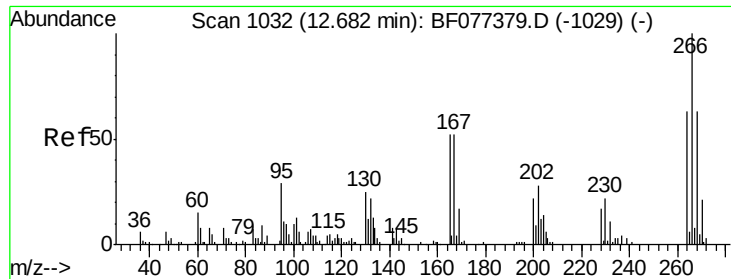
#68
Atrazine
Concen: 42.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:200 Resp: 106064
Ion Ratio Lower Upper
200 100
173 25.5 9.6 49.6
215 48.2 24.4 64.4



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

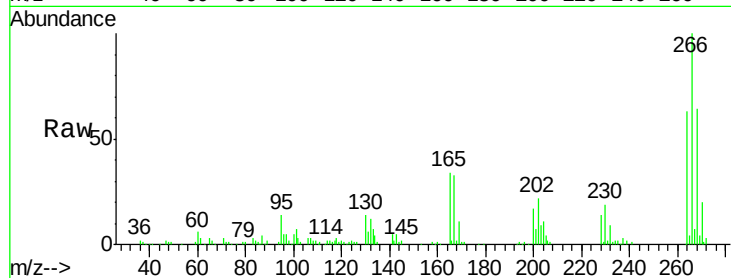




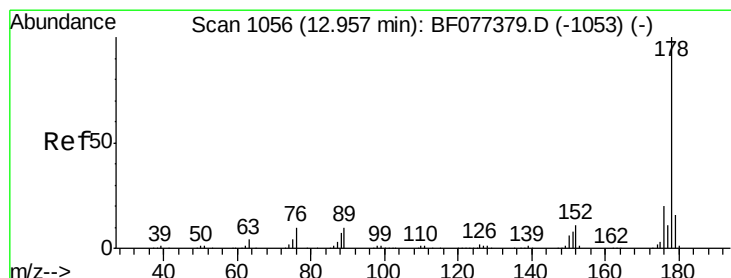
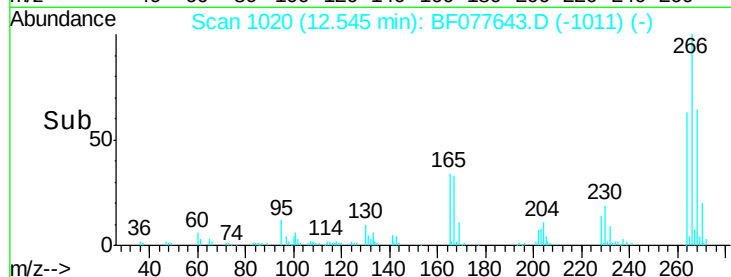
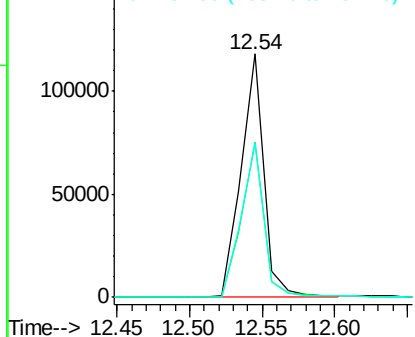
#69
 Pentachlorophenol
 Concen: 83.75 ng
 RT: 12.54 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:266 Resp: 129539
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 63.5 50.7 76.1

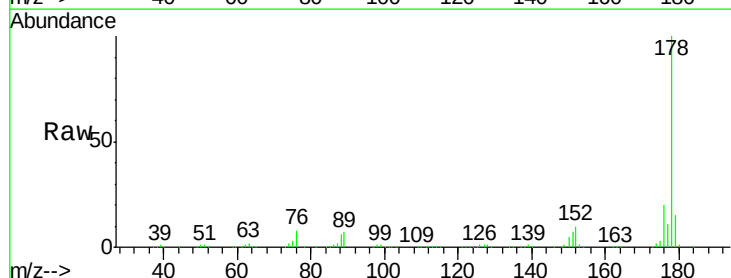


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

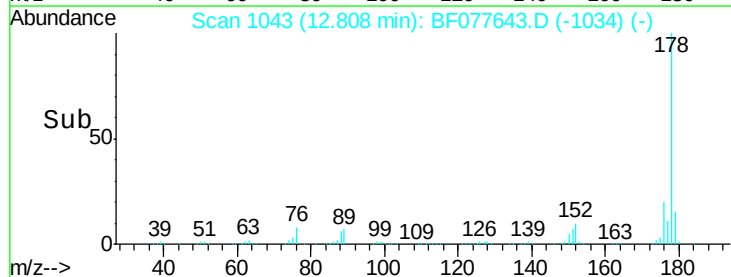
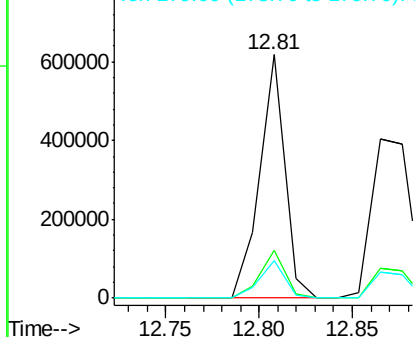


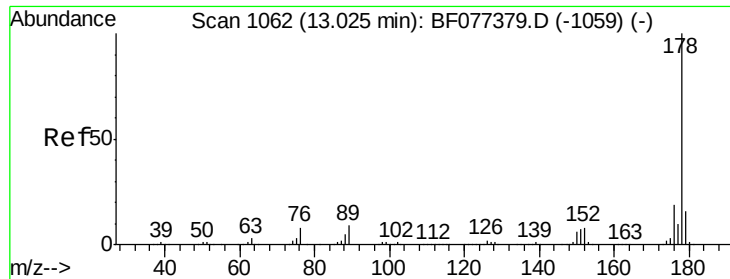
#70
 Phenanthrene
 Concen: 42.41 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:178 Resp: 575564
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.4 12.2 18.2



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

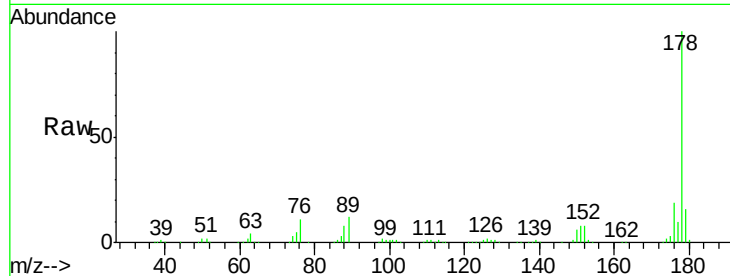




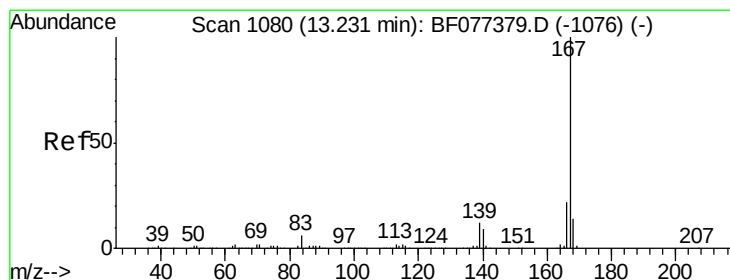
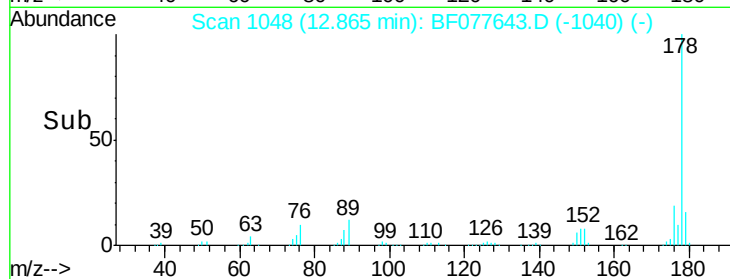
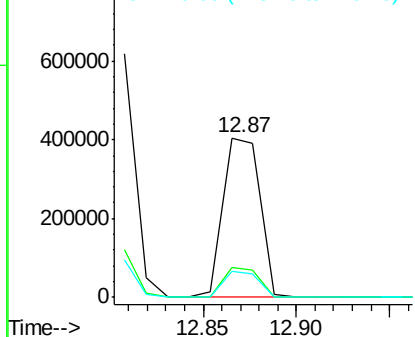
#71
 Anthracene
 Concen: 41.55 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:178 Resp: 559599
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 16.0 12.9 19.3

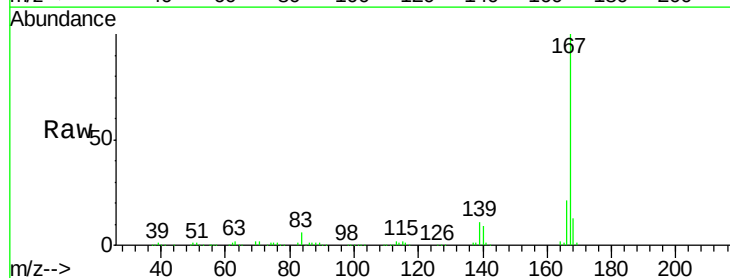


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

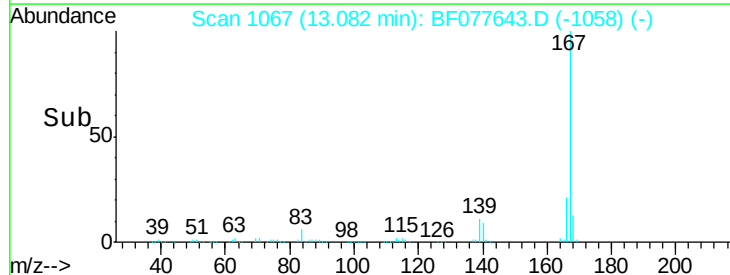
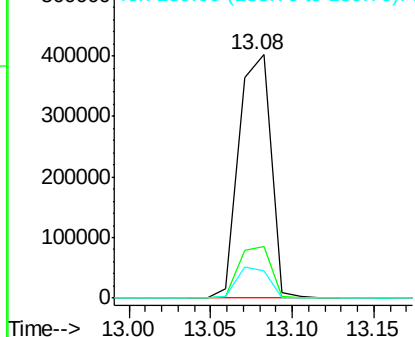


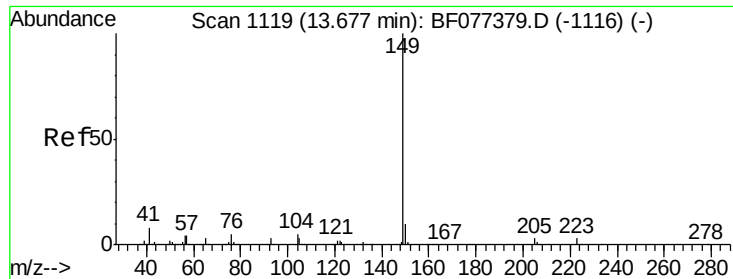
#72
 Carbazole
 Concen: 42.53 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:167 Resp: 544604
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 11.4 9.9 14.9



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





#73

Di-n-butylphthalate

Concen: 39.31 ng

RT: 13.53 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

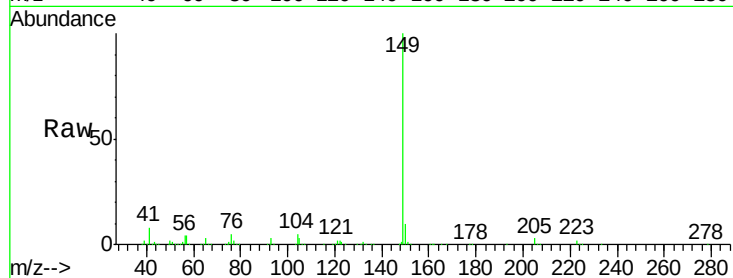
Tot Ion:149 Resp: 590992

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

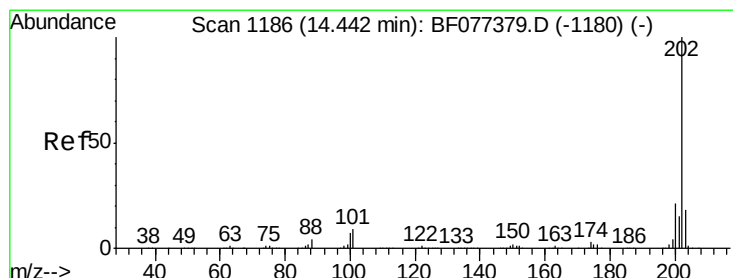
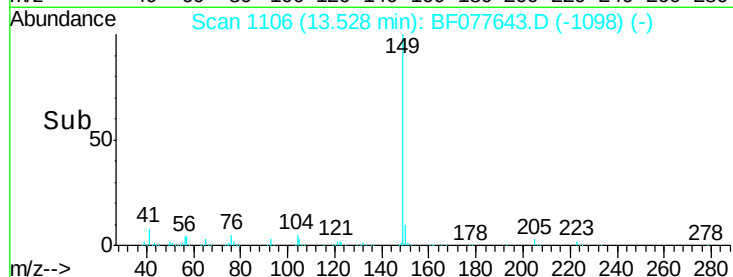
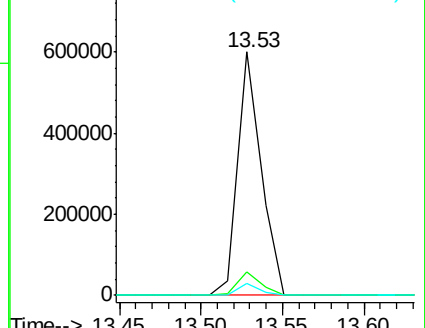
104 5.0 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.21 ng

RT: 14.28 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

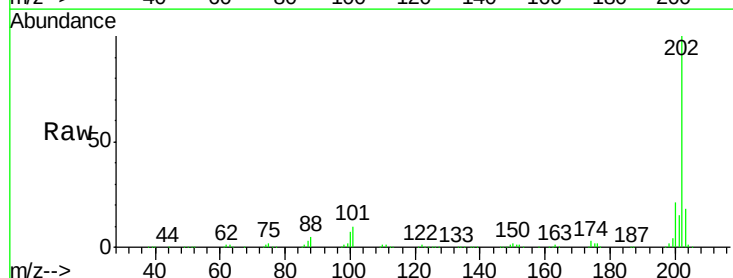
Tgt Ion:202 Resp: 625690

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.8

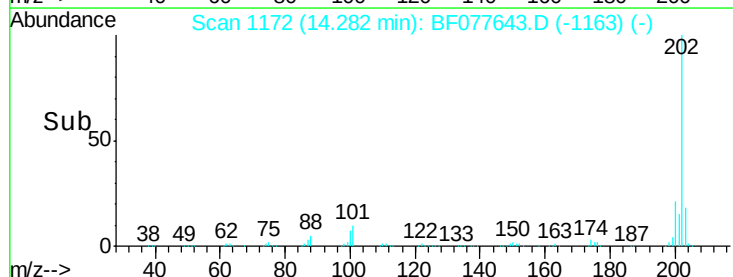
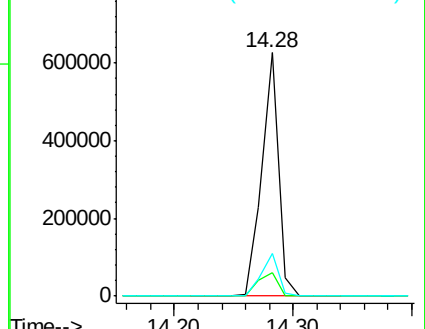
203 17.7 0.0 37.7

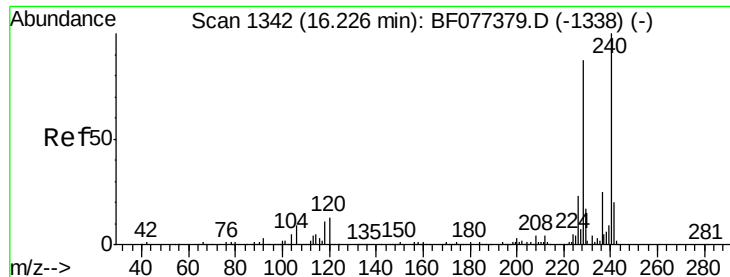


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

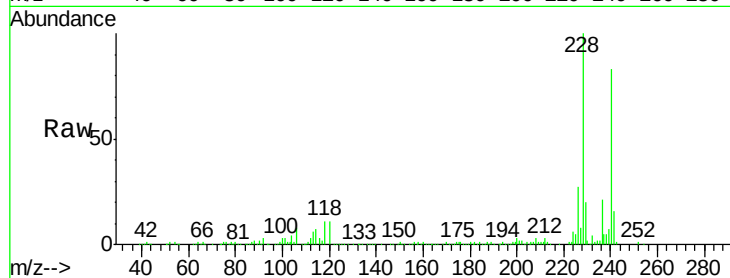
Tot Ion:240 Resp: 253780

Ion Ratio Lower Upper

240 100

120 13.6 8.8 13.2#

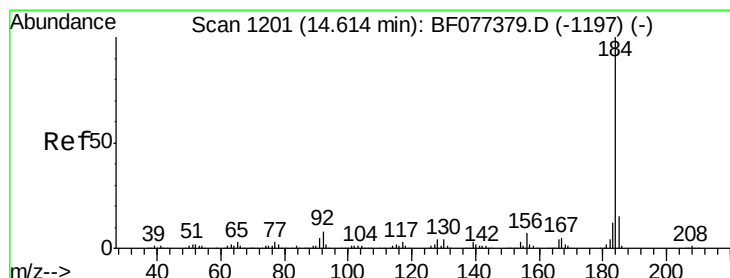
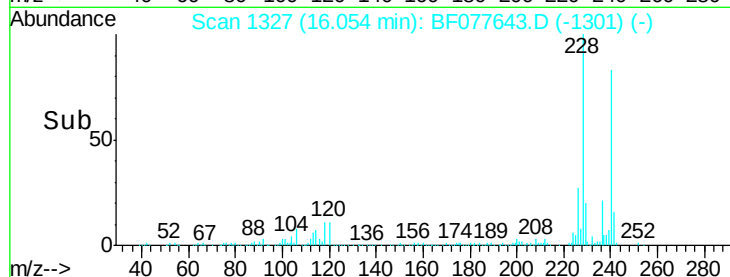
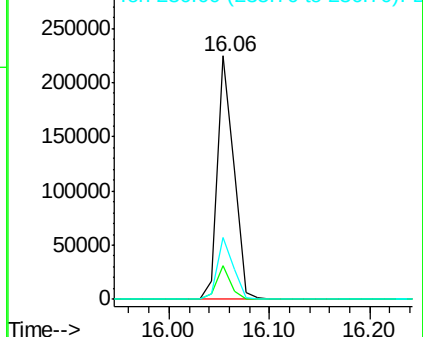
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.99 ng

RT: 14.46 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

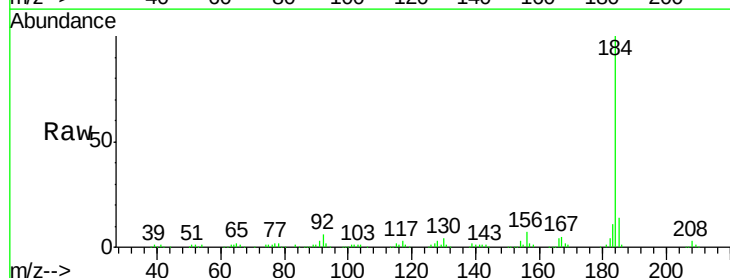
Tgt Ion:184 Resp: 248596

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

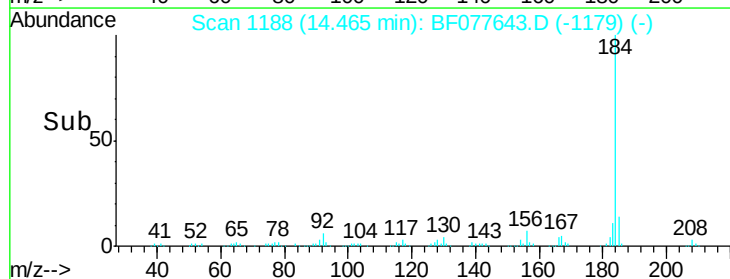
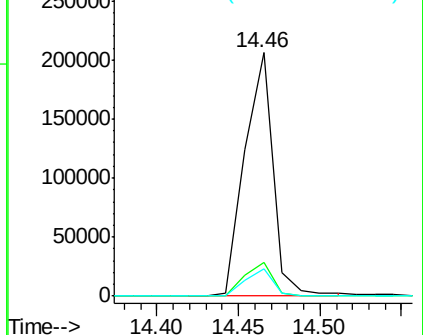
183 11.2 9.3 13.9

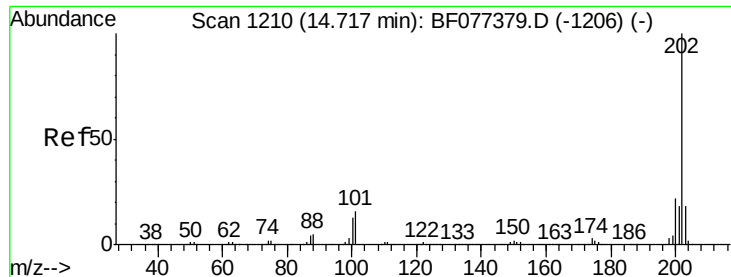


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

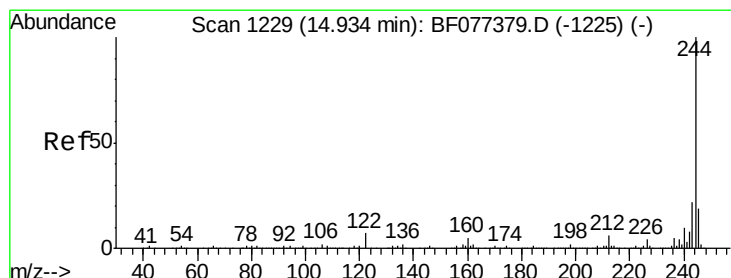
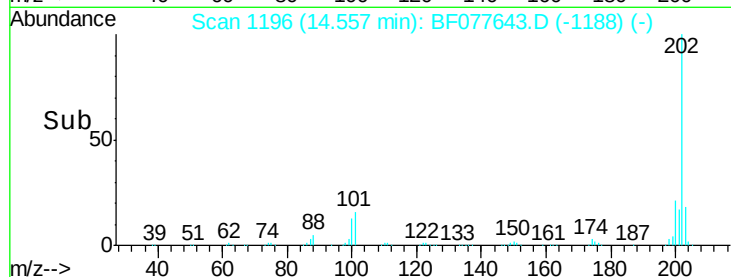
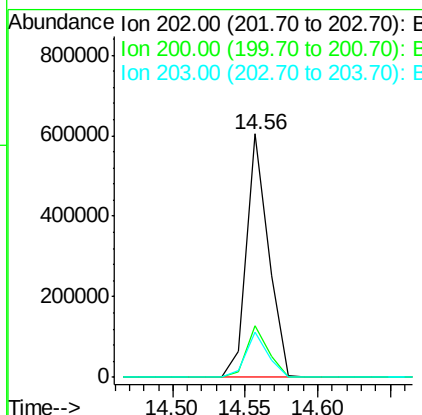
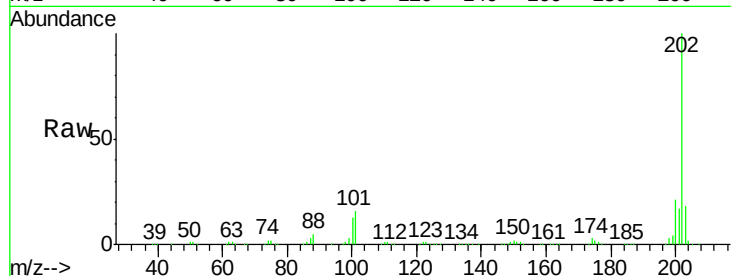




#77
Pvrene
Concen: 41.08 ng
RT: 14.56 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

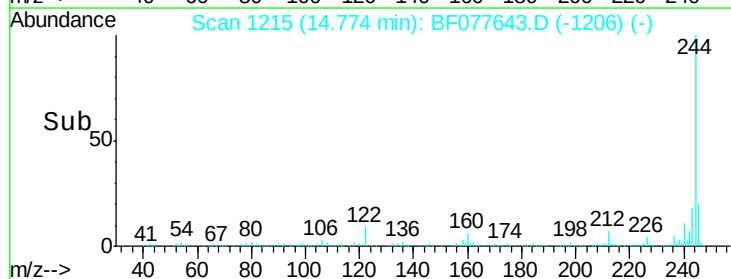
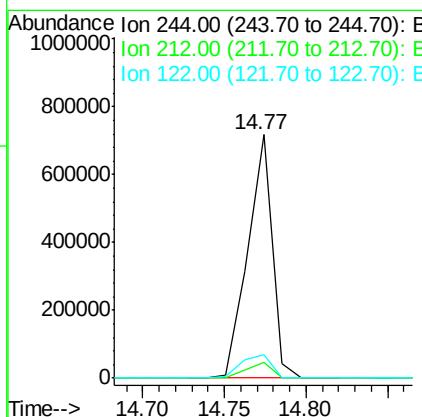
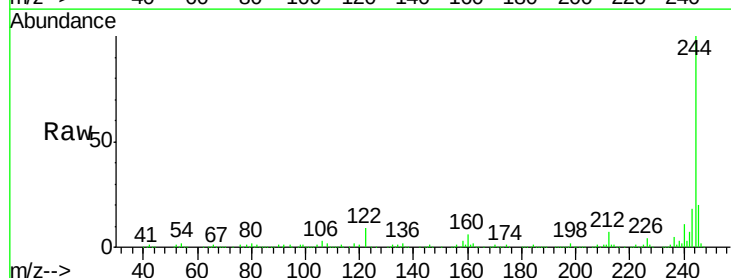
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

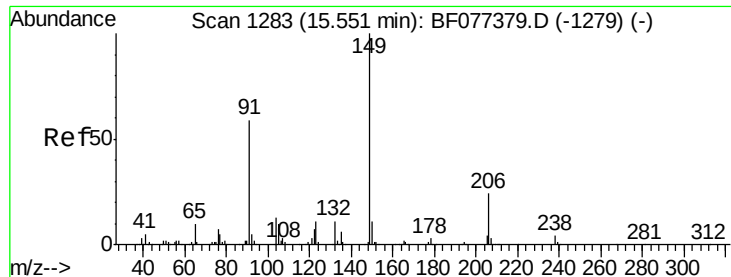
Tot Ion:202 Resp: 637655
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.5 14.2 21.2



#78
Terphenyl-d14
Concen: 68.82 ng
RT: 14.77 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:244 Resp: 747121
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 9.4 7.8 11.8

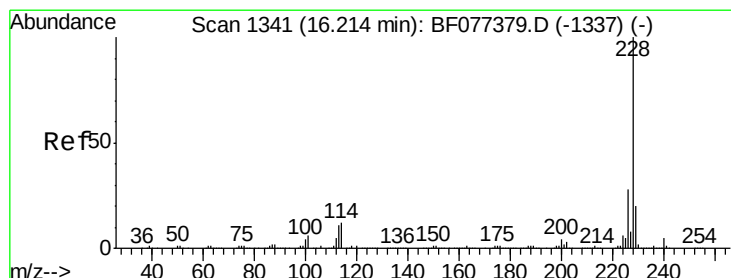
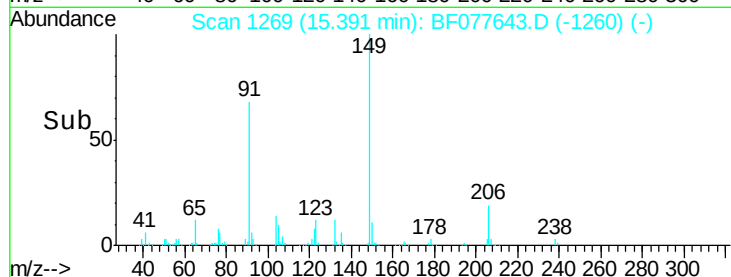
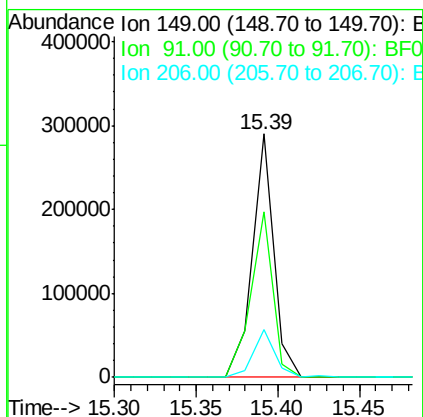
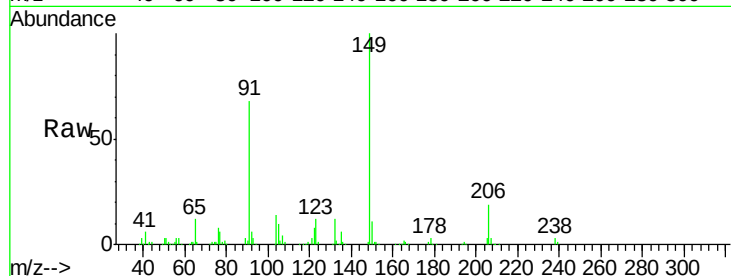




#79
Butylbenzylphthalate
Concen: 41.69 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

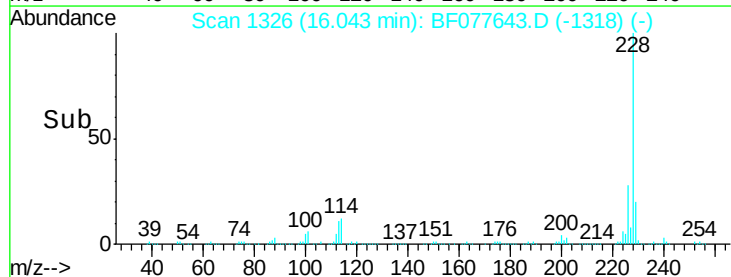
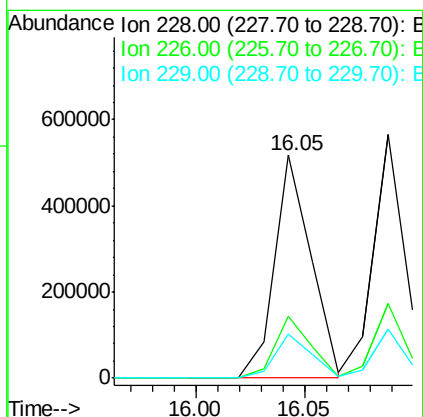
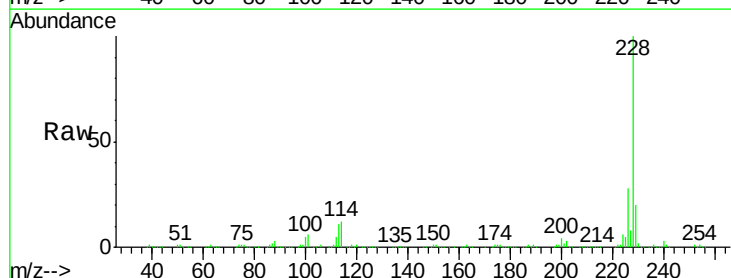
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

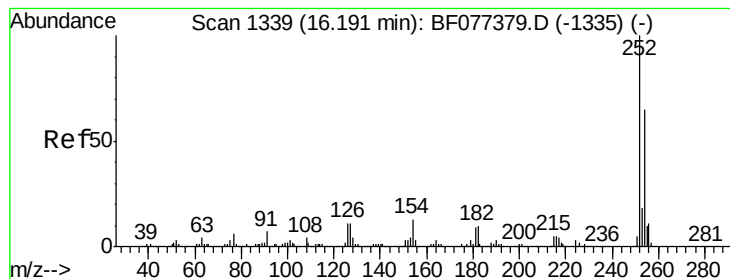
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.2	76.8
206	19.5	17.8	26.8



#80
Benzo(a)anthracene
Concen: 40.72 ng
RT: 16.05 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.9	15.8	23.8





#81

3,3'-Dichlorobenzidine

Concen: 24.11 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

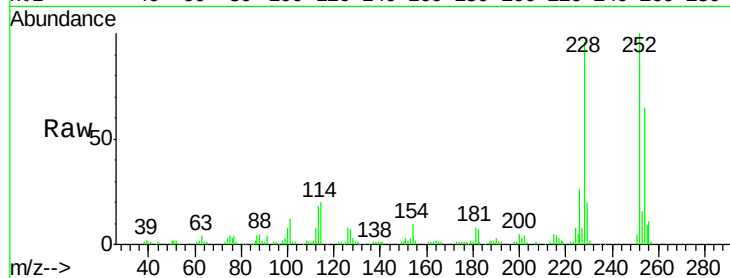
Tot Ion:252 Resp: 131415

Ion Ratio Lower Upper

252 100

254 64.7 52.9 79.3

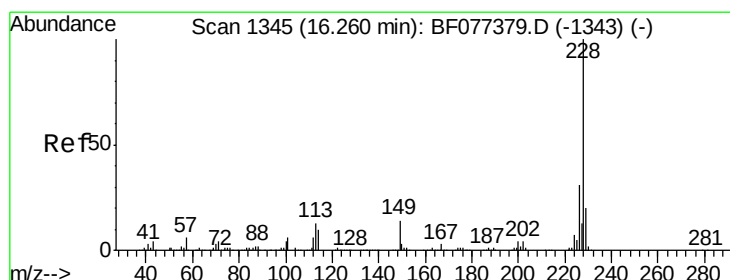
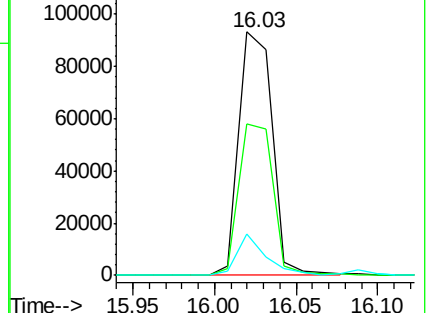
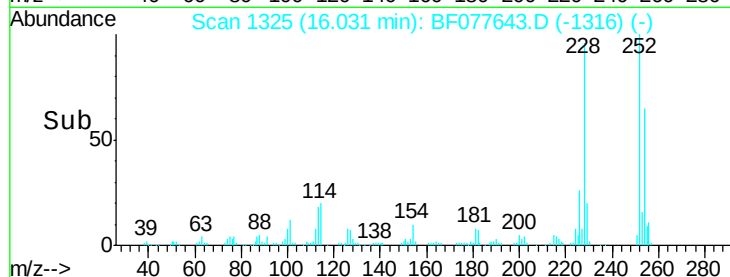
126 8.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.69 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

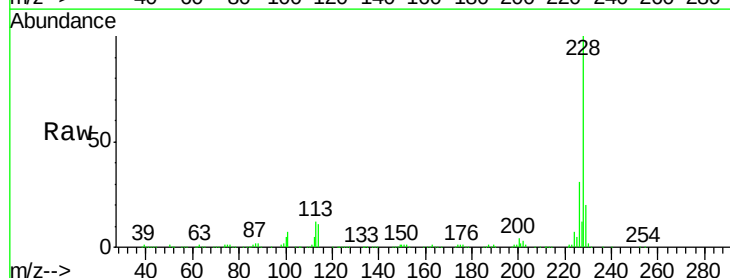
Tgt Ion:228 Resp: 568333

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

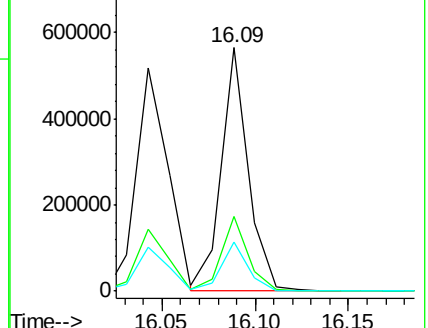
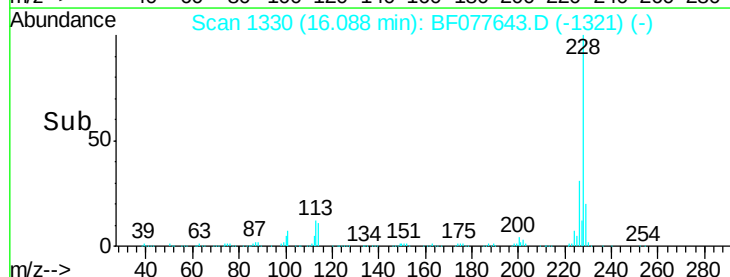
229 20.3 16.4 24.6

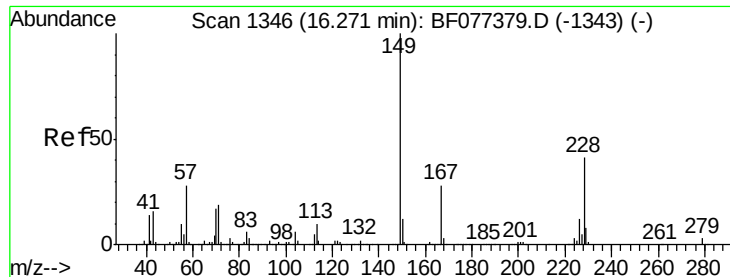


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 16.11 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

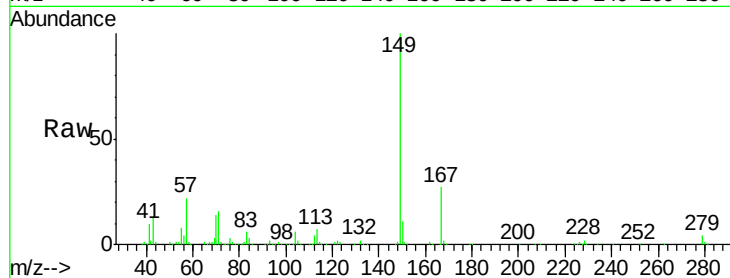
Tot Ion:149 Resp: 378220

Ion Ratio Lower Upper

149 100

167 26.8 22.8 34.2

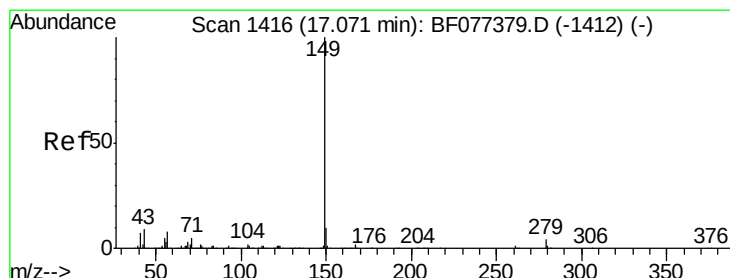
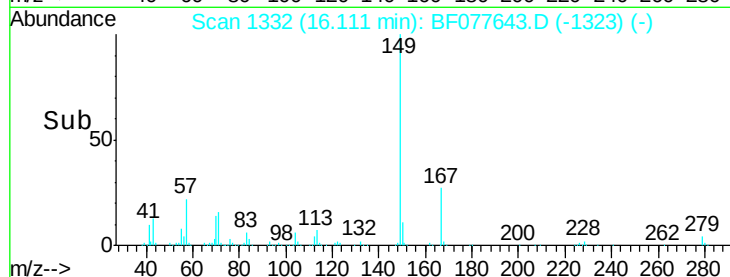
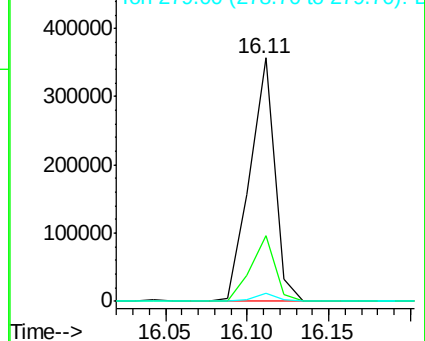
279 3.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.47 ng

RT: 16.89 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

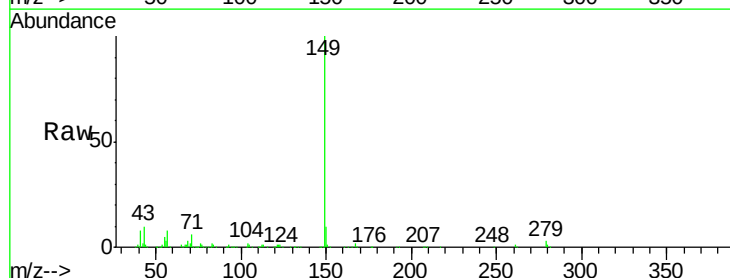
Tgt Ion:149 Resp: 640695

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

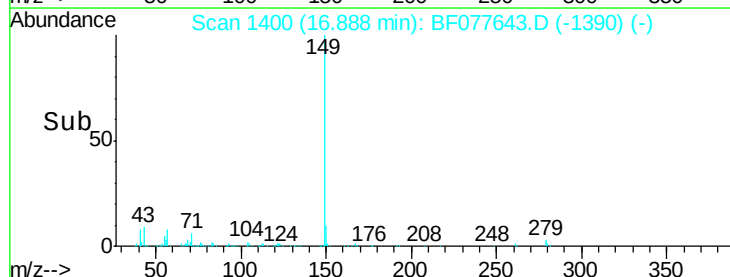
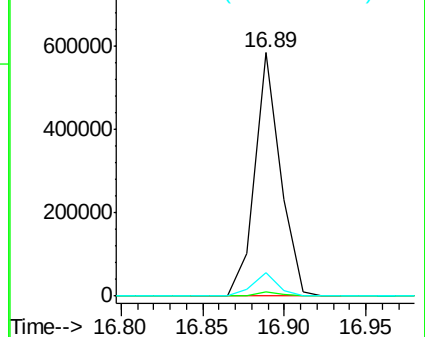
43 9.2 8.1 12.1

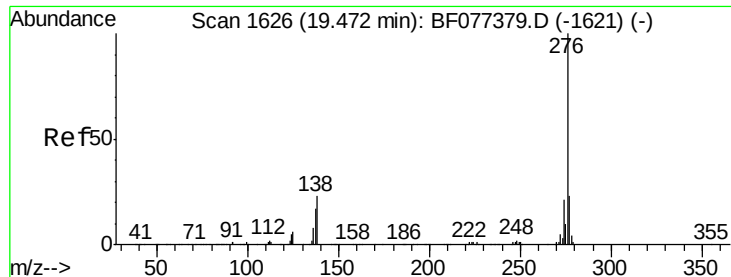


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.45 ng

RT: 19.17 min Scan# 1599

Delta R.T. 0.03 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

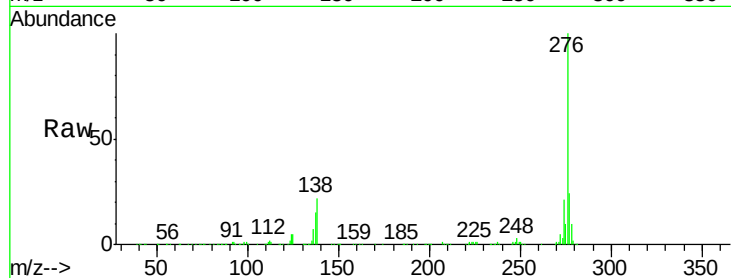
Tot Ion:276 Resp: 660030

Ion Ratio Lower Upper

276 100

138 27.8 21.2 31.8

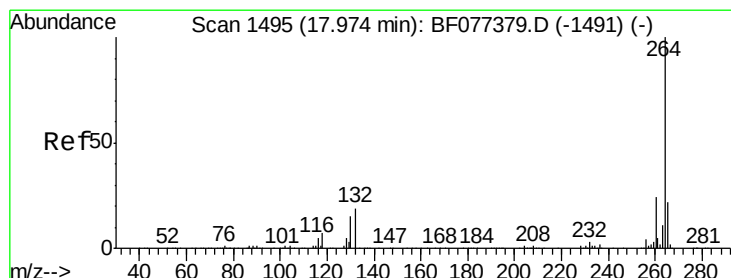
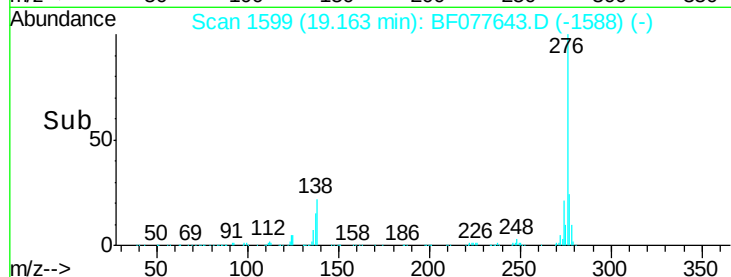
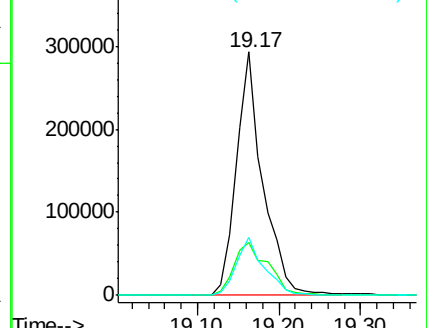
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.76 min Scan# 1476

Delta R.T. 0.03 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

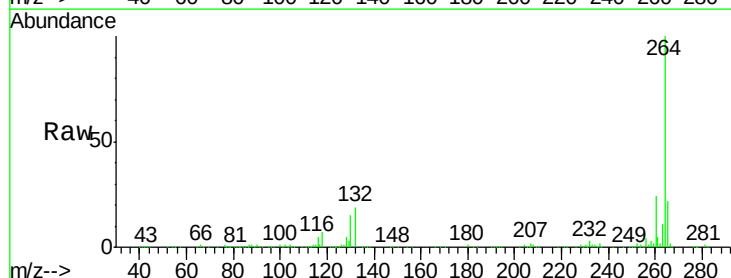
Tgt Ion:264 Resp: 250368

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

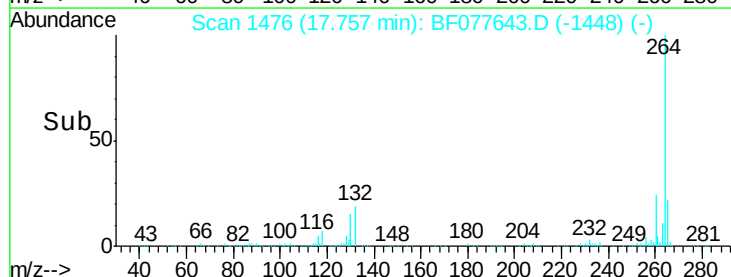
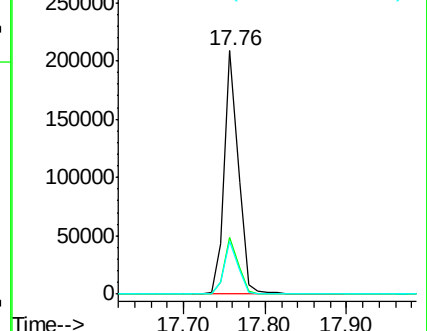
265 22.0 16.8 25.2

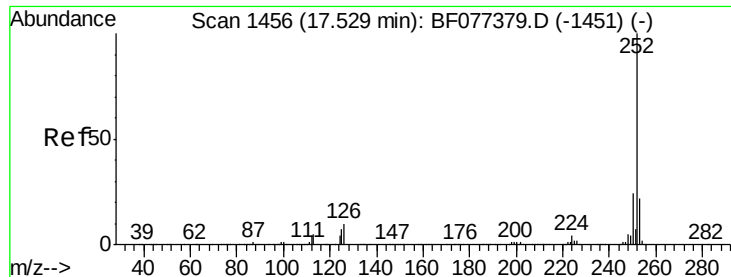


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

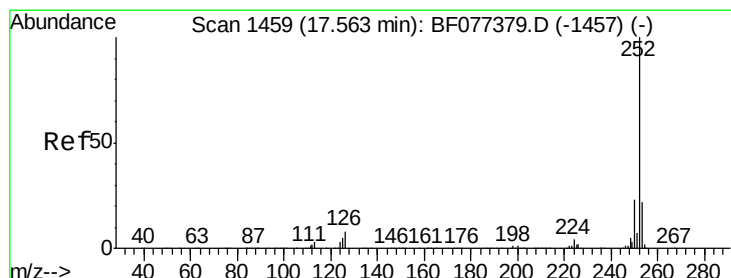
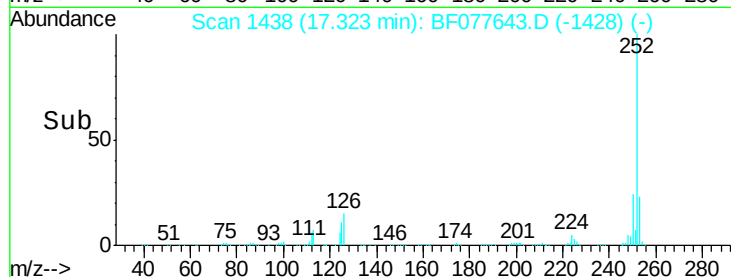
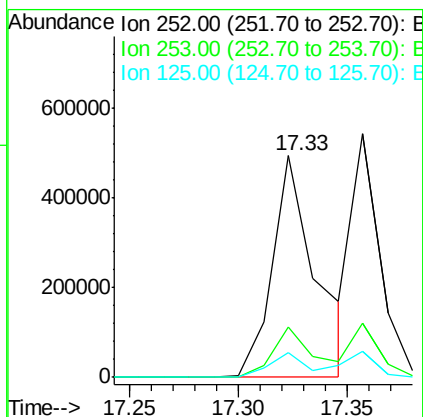
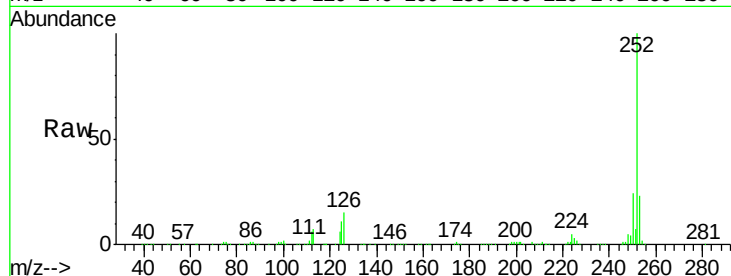




#87
Benzo(b)fluoranthene
Concen: 47.48 ng
RT: 17.33 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

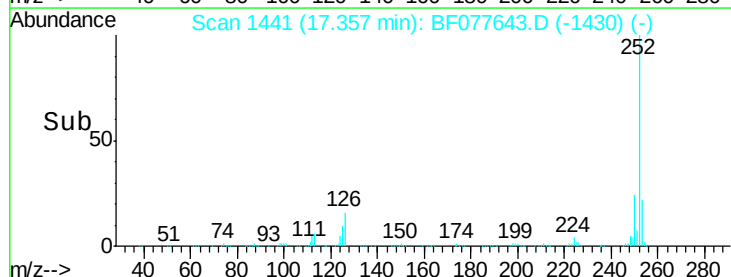
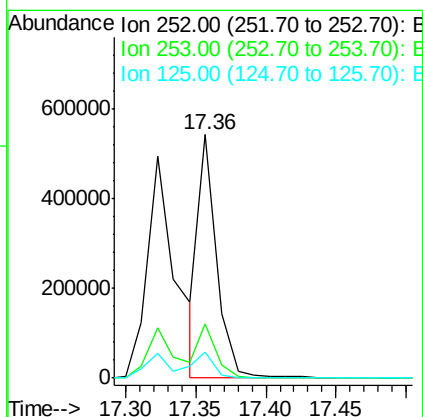
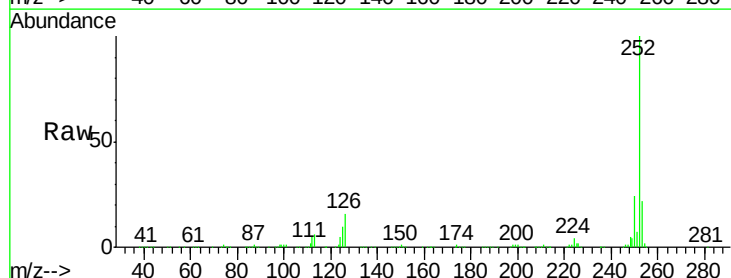
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

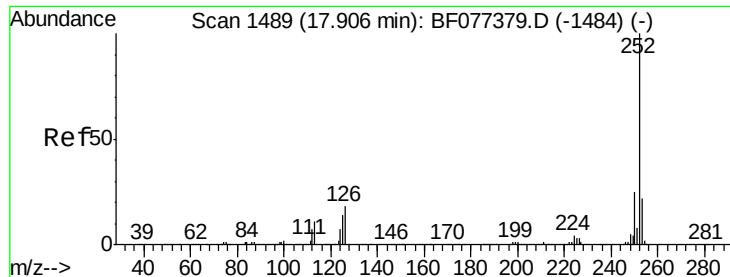
Tot Ion:252 Resp: 691229
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 34.57 ng m
RT: 17.36 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:252 Resp: 493311
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.5 10.1 15.1

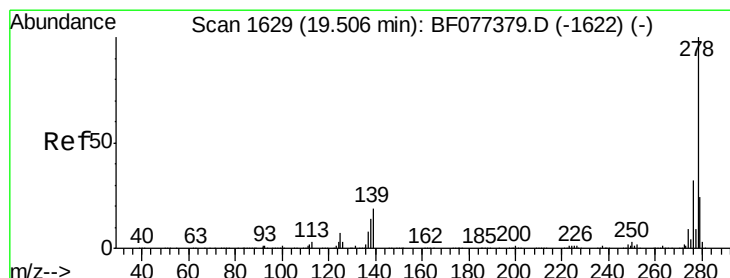
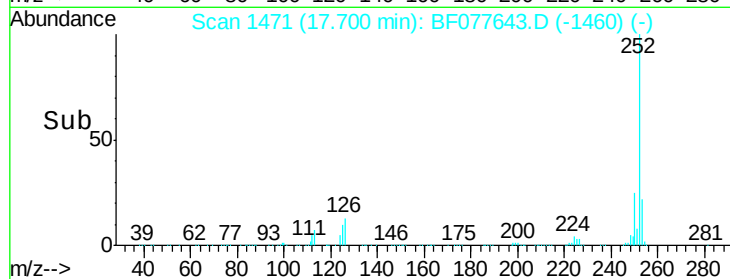
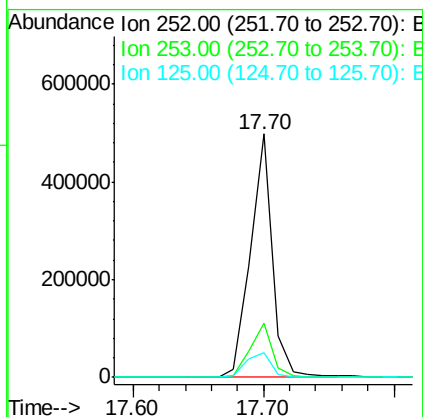
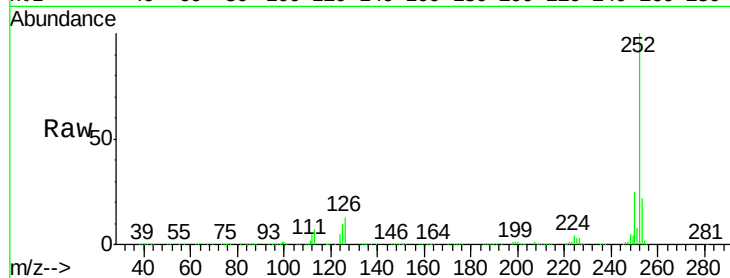




#89
Benzo(a)pyrene
Concen: 42.21 ng
RT: 17.70 min Scan# 1471
Delta R.T. 0.03 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

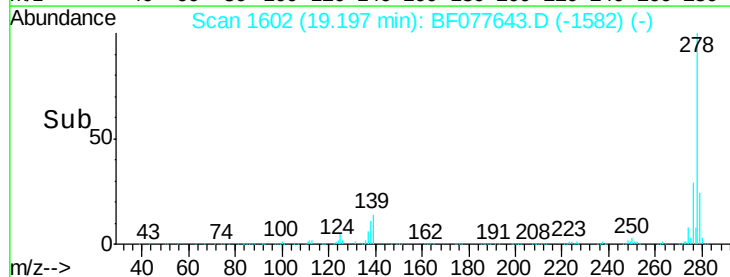
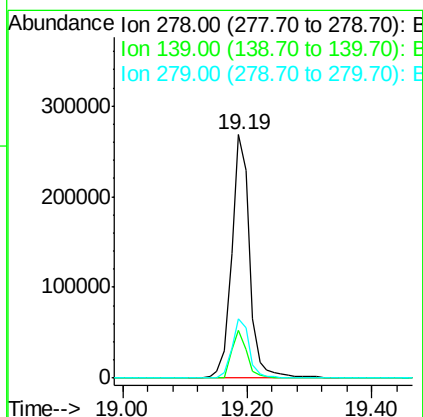
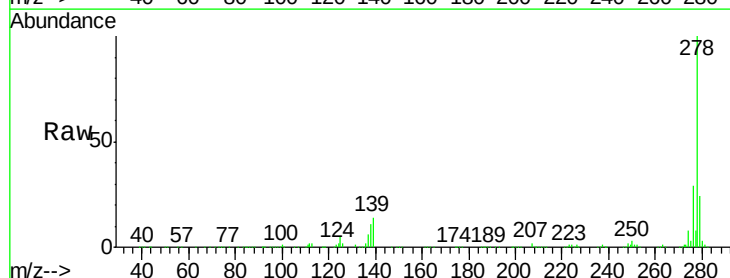
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

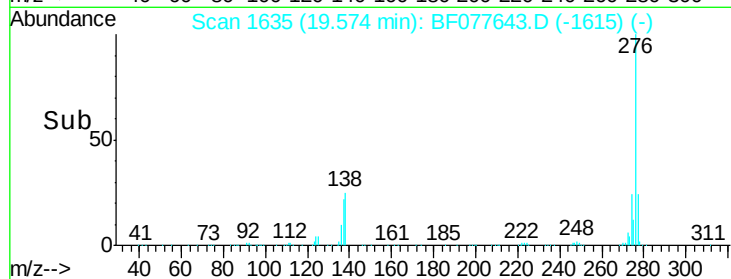
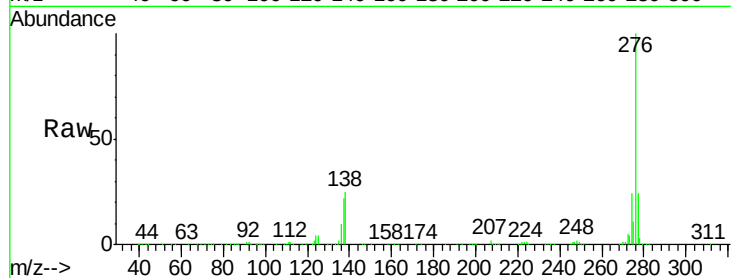
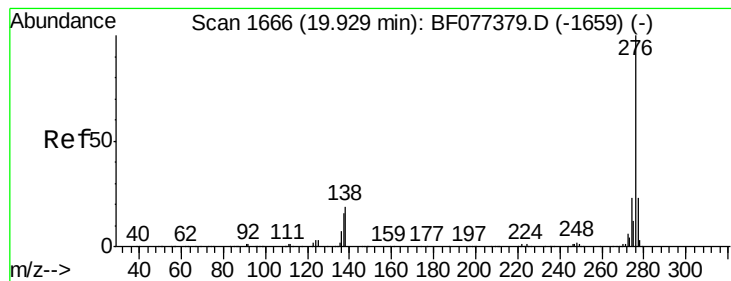
Tot Ion:252 Resp: 585309
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.0 8.3 12.5



#90
Dibenzo(a,h)anthracene
Concen: 41.00 ng
RT: 19.19 min Scan# 1602
Delta R.T. 0.03 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:278 Resp: 542244
Ion Ratio Lower Upper
278 100
139 14.0 14.3 21.5#
279 24.0 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.81 ng
 RT: 19.58 min Scan# 1635
 Delta R.T. 0.03 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tot Ion:276	Resp:	558013
Ion Ratio	Lower	Upper
276	100	
277	24.1	18.9 28.3
138	25.2	20.5 30.7

