

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077393.D
 Acq On : 20 Feb 2015 20:37
 Operator : TP/IZ
 Sample : PB818820BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

Quant Time: Feb 21 00:14:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	90522	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	386496	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	203093	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	395438	20.00	ng	0.00
75) Chrysene-d12	16.23	240	375577	20.00	ng	0.00
86) Perylene-d12	17.96	264	347120	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	512419	94.50	ng	0.00
7) Phenol-d6	6.88	99	654977	93.95	ng	0.00
23) Nitrobenzene-d5	8.02	82	381868	61.44	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	197654	101.07	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	930445	71.44	ng	0.00
78) Terphenyl-d14	14.92	244	1046876	65.16	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	57072	24.80	ng	97
3) Pyridine	3.05	79	188977	28.71	ng	99
4) n-Nitrosodimethylamine	2.98	42	89275	31.19	ng	97
6) Aniline	6.91	93	159403	16.54	ng	94
8) 2-Chlorophenol	7.06	128	215156	33.64	ng	94
10) Phenol	6.90	94	253510	30.65	ng	97
11) bis(2-Chloroethyl)ether	7.01	93	192412	32.37	ng	88
12) 1,3-Dichlorobenzene	7.25	146	219774	31.55	ng	95
13) 1,4-Dichlorobenzene	7.36	146	228616	32.26	ng	97
14) 1,2-Dichlorobenzene	7.54	146	214683	31.85	ng	96
15) Benzyl Alcohol	7.50	79	175937	33.20	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.69	45	285678	33.62	ng	96
17) 2-Methylphenol	7.64	107	168334	33.67	ng	93
18) Hexachloroethane	7.95	117	76925	32.50	ng	# 79
19) n-Nitroso-di-n-propylamine	7.85	70	154323	34.86	ng	# 90
20) 3+4-Methylphenols	7.84	107	223816	33.99	ng	# 69
22) Acetophenone	7.84	105	293482	32.28	ng	# 95
24) Nitrobenzene	8.04	77	213422	32.64	ng	# 84
25) Isophorone	8.34	82	401796	32.58	ng	93
26) 2-Nitrophenol	8.44	139	90421	33.74	ng	# 85
27) 2,4-Dimethylphenol	8.50	122	199200	33.22	ng	95
28) bis(2-Chloroethoxy)methane	8.62	93	263665	33.85	ng	99
29) 2,4-Dichlorophenol	8.73	162	191803	34.08	ng	90
30) 1,2,4-Trichlorobenzene	8.84	180	198248	32.04	ng	96
31) Naphthalene	8.93	128	639295	33.08	ng	99
32) Benzoic acid	8.59	122	101002	34.66	ng	99
33) 4-Chloroaniline	9.00	127	144649	16.83	ng	# 92
34) Hexachlorobutadiene	9.09	225	114767	32.49	ng	98
35) Caprolactam	9.42	113	55089	32.06	ng	100
36) 4-Chloro-3-methylphenol	9.61	107	200679	35.46	ng	94
37) 2-Methylnaphthalene	9.79	142	442373	32.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	201529	34.58	ng	98
40) Hexachlorocyclopentadiene	9.98	237	222539	71.22	ng	95
42) 2,4,6-Trichlorophenol	10.14	196	145740	37.77	ng	96

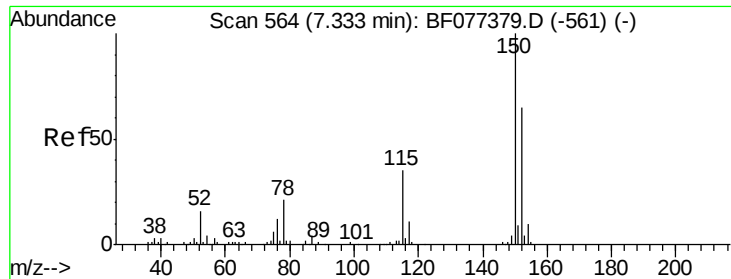
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.19	196	153741	37.26	ng	97
45) 1,1'-Biphenyl	10.37	154	540961	35.16	ng	96
46) 2-Chloronaphthalene	10.40	162	429359	35.58	ng	97
47) 2-Nitroaniline	10.52	65	116333	39.16	ng	# 84
48) Acenaphthylene	10.91	152	709189	37.12	ng	100
49) Dimethylphthalate	10.76	163	535560	37.51	ng	100
50) 2,6-Dinitrotoluene	10.83	165	108018	37.73	ng	# 63
51) Acenaphthene	11.13	154	415845	36.48	ng	98
52) 3-Nitroaniline	11.04	138	84867	25.71	ng	# 79
53) 2,4-Dinitrophenol	11.16	184	58600	67.27	ng	# 62
54) Dibenzofuran	11.35	168	642214	36.49	ng	95
55) 4-Nitrophenol	11.24	139	189509	71.38	ng	97
56) 2,4-Dinitrotoluene	11.32	165	144283	37.30	ng	# 66
57) Fluorene	11.77	166	514345	36.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	124018	37.38	ng	100
59) Diethylphthalate	11.64	149	549232	39.02	ng	98
60) 4-Chlorophenyl-phenylether	11.78	204	244594	36.07	ng	93
61) 4-Nitroaniline	11.79	138	107667	34.03	ng	92
62) Azobenzene	11.97	77	479357	35.90	ng	91
64) 4,6-Dinitro-2-methylphenol	11.83	198	45887	30.55	ng	# 59
65) n-Nitrosodiphenylamine	11.92	169	427830	32.61	ng	99
66) 4-Bromophenyl-phenylether	12.39	248	157628	34.04	ng	# 91
67) Hexachlorobenzene	12.44	284	163490	32.89	ng	# 88
68) Atrazine	12.59	200	144235	33.81	ng	97
69) Pentachlorophenol	12.68	266	171285	65.57	ng	97
70) Phenanthrene	12.96	178	731961	31.94	ng	99
71) Anthracene	13.03	178	760455	33.43	ng	99
72) Carbazole	13.22	167	685551	31.70	ng	99
73) Di-n-butylphthalate	13.68	149	870683	34.29	ng	99
74) Fluoranthene	14.43	202	770962	30.79	ng	95
76) Benzidine	14.61	184	360465	28.41	ng	98
77) Pyrene	14.72	202	777750	33.85	ng	99
79) Butylbenzylphthalate	15.54	149	350315	37.06	ng	# 86
80) Benzo(a)anthracene	16.21	228	725758	32.97	ng	100
81) 3,3'-Dichlorobenzidine	16.18	252	161986	20.08	ng	# 95
82) Chrysene	16.26	228	678884	32.85	ng	98
83) Bis(2-ethylhexyl)phthalate	16.26	149	525712	34.69	ng	# 94
84) Di-n-octyl phthalate	17.06	149	905547	35.78	ng	99
85) Indeno(1,2,3-cd)pyrene	19.46	276	744293	31.58	ng	99
87) Benzo(b)fluoranthene	17.52	252	686857	34.03	ng	# 98
88) Benzo(k)fluoranthene	17.52	252	686824	34.72	ng	# 97
89) Benzo(a)pyrene	17.89	252	650815	33.85	ng	# 96
90) Dibenzo(a,h)anthracene	19.49	278	625990	34.14	ng	98
91) Benzo(g,h,i)perylene	19.91	276	610121	32.97	ng	97

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

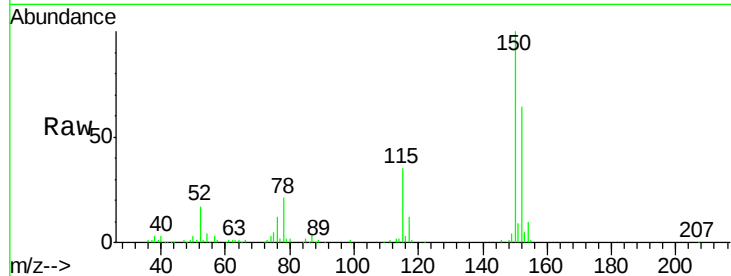


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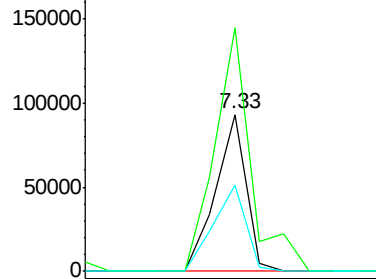
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

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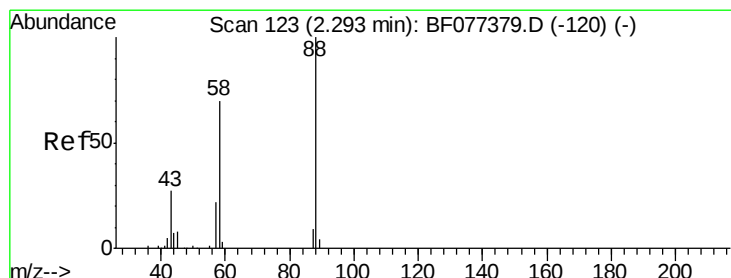
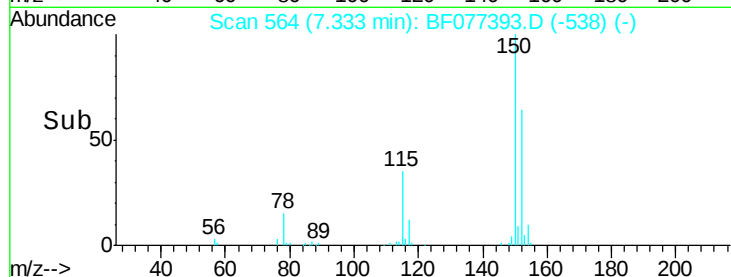
Tgt Ion:152 Resp: 90522
Ion Ratio Lower Upper
152 100
150 155.2 124.0 186.0
115 54.6 49.4 74.2



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



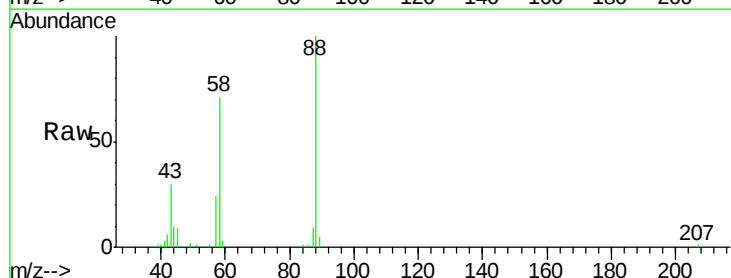
Time-->



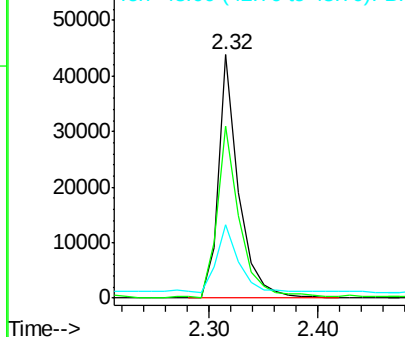
#2

1,4-Dioxane
Concen: 24.80 ng
RT: 2.32 min Scan# 125
Delta R.T. 0.02 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

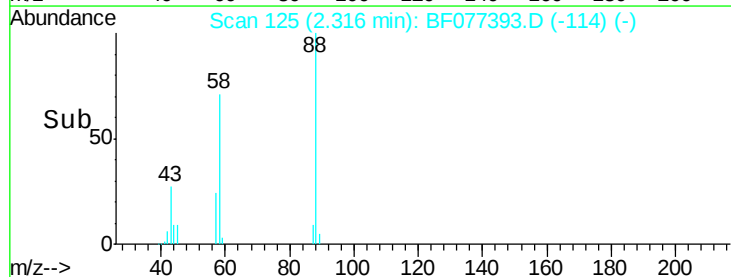
Tgt Ion: 88 Resp: 57072
Ion Ratio Lower Upper
88 100
58 80.6 62.1 93.1
43 30.0 24.0 36.0

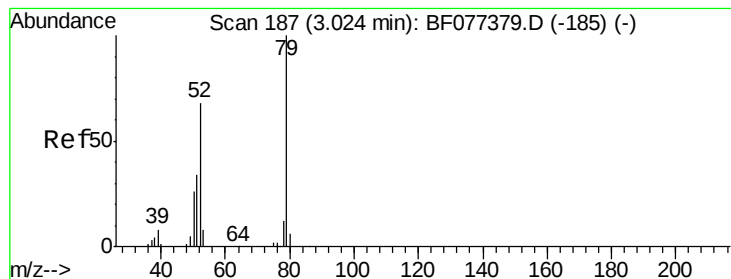


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pyridine

Concen: 28.71 ng

RT: 3.05 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

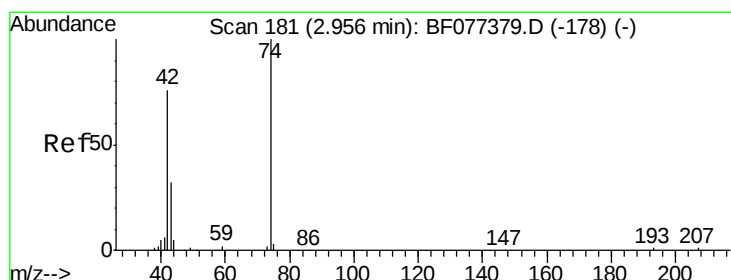
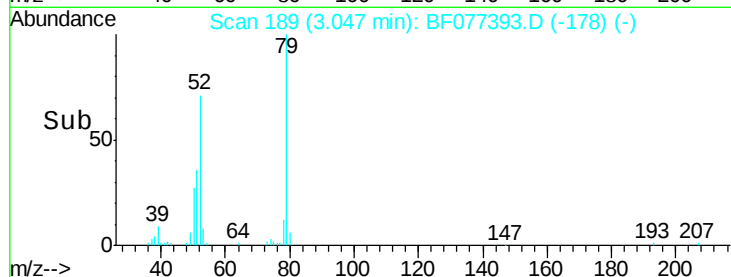
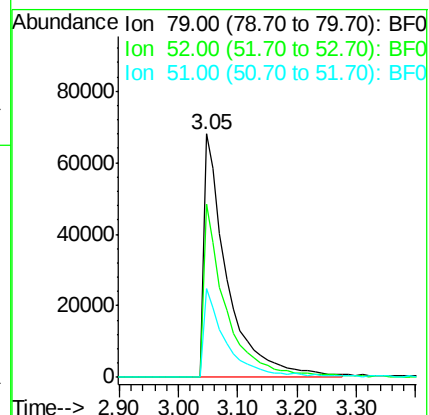
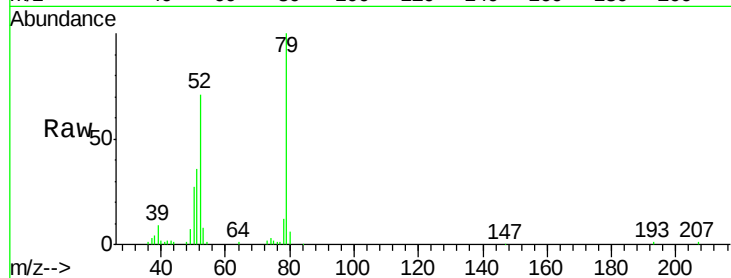
Tgt Ion: 79 Resp: 188977

Ion Ratio Lower Upper

79 100

52 71.3 57.7 86.5

51 36.2 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 31.19 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

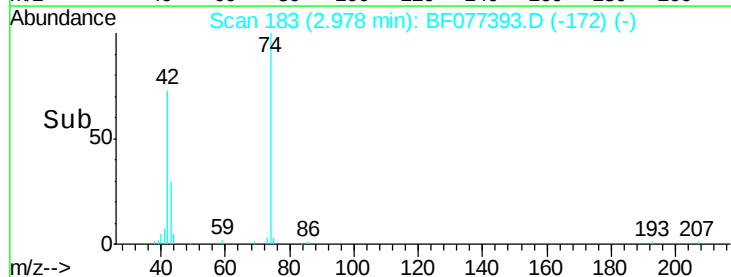
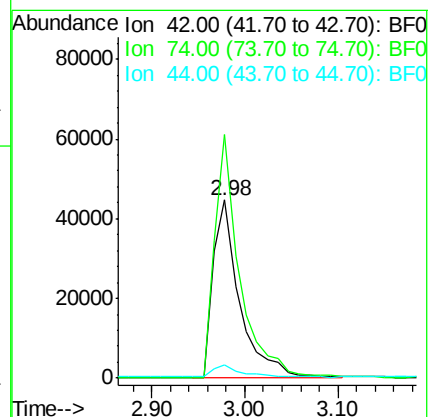
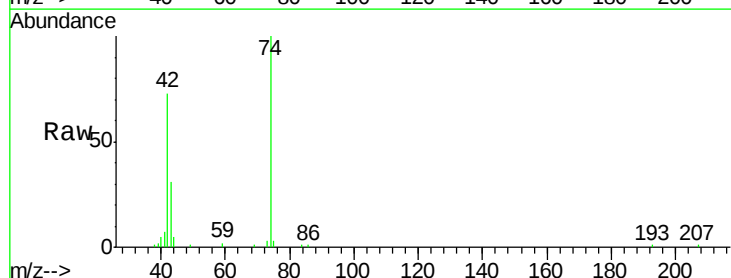
Tgt Ion: 42 Resp: 89275

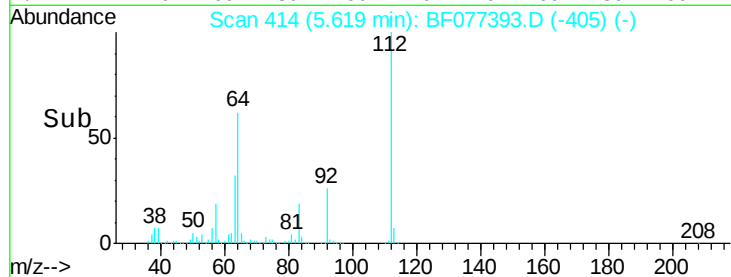
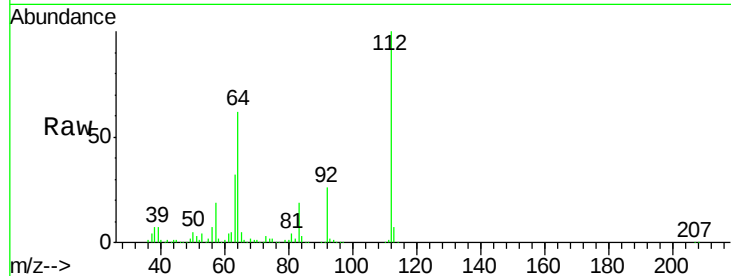
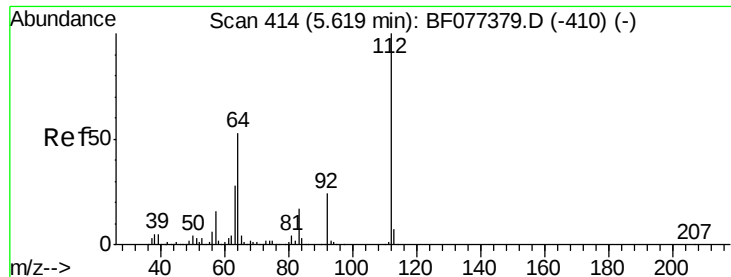
Ion Ratio Lower Upper

42 100

74 136.9 107.1 160.7

44 7.4 6.7 10.1





#5

2-Fluorophenol

Concen: 94.50 ng

RT: 5.62 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

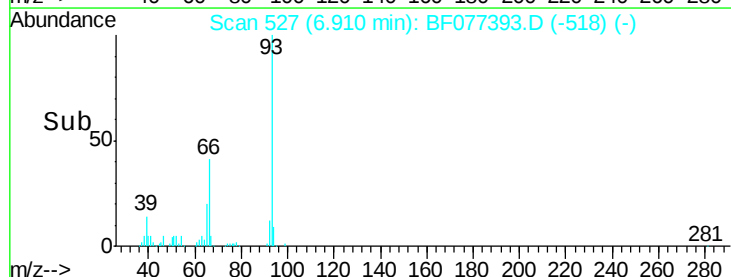
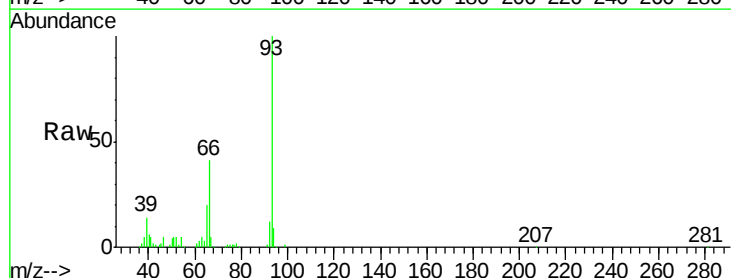
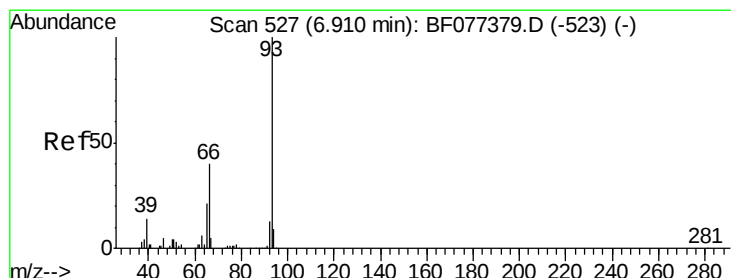
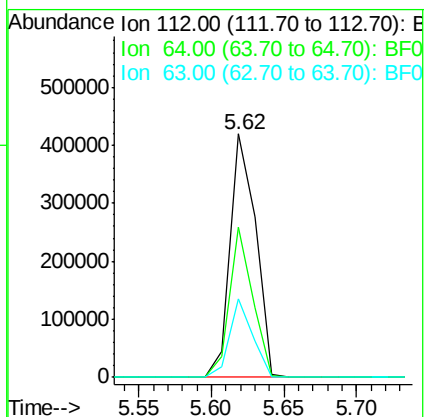
Tgt Ion: 112 Resp: 512419

Ion Ratio Lower Upper

112 100

64 61.6 48.5 72.7

63 32.0 25.0 37.4



#6

Aniline

Concen: 16.54 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

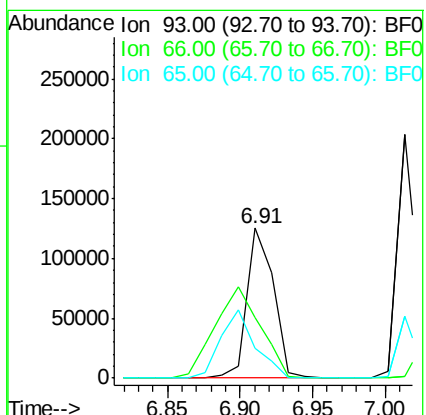
Tgt Ion: 93 Resp: 159403

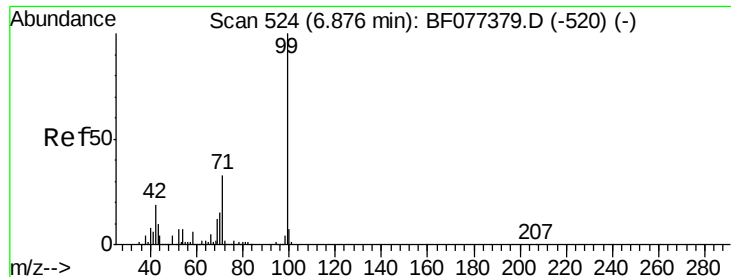
Ion Ratio Lower Upper

93 100

66 40.6 29.1 43.7

65 20.3 14.6 22.0





#7

Phenol-d6

Concen: 93.95 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

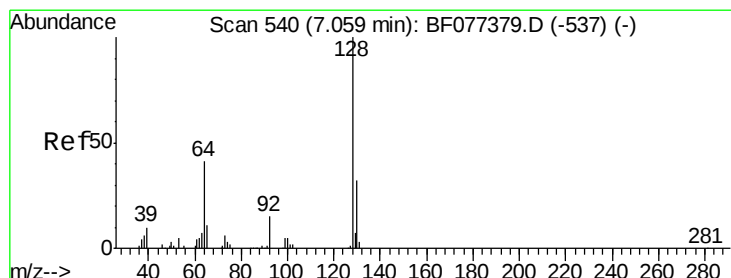
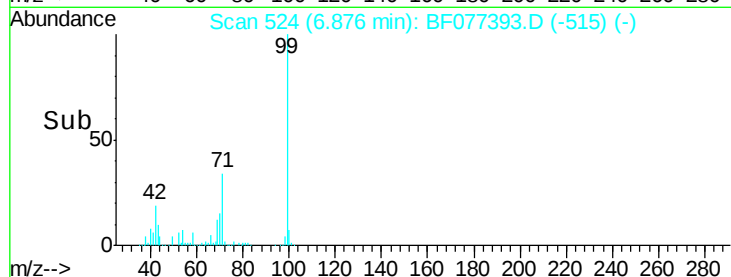
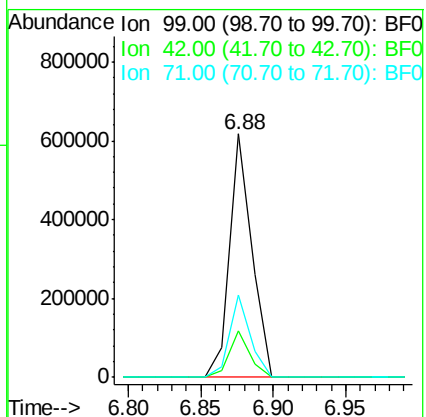
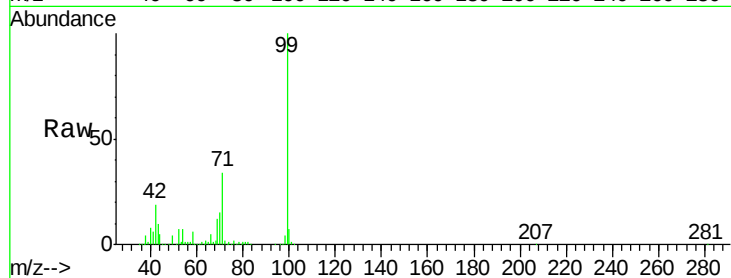
Tgt Ion: 99 Resp: 654977

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.4

71 33.6 26.7 40.1



#8

2-Chlorophenol

Concen: 33.64 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

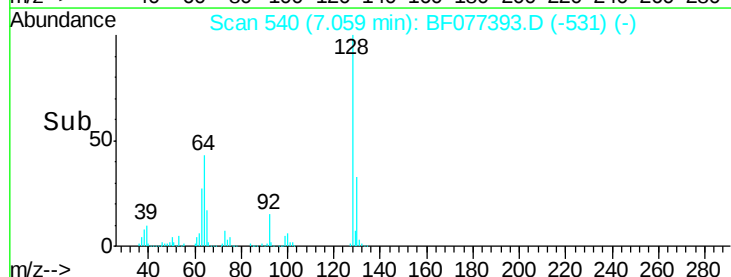
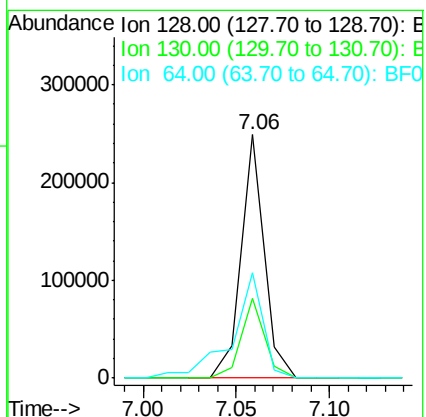
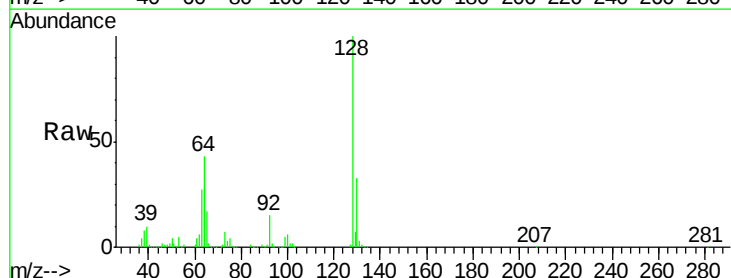
Tgt Ion: 128 Resp: 215156

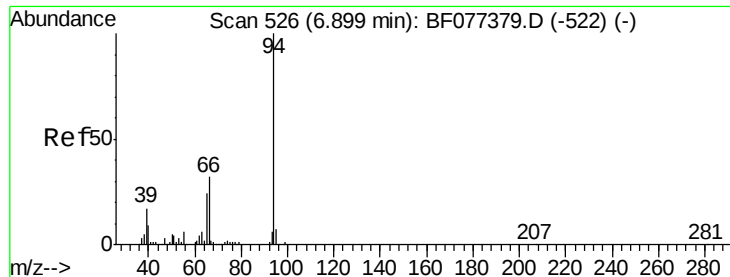
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 43.1 29.2 69.2





#10

Phenol

Concen: 30.65 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

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PB81820BSD

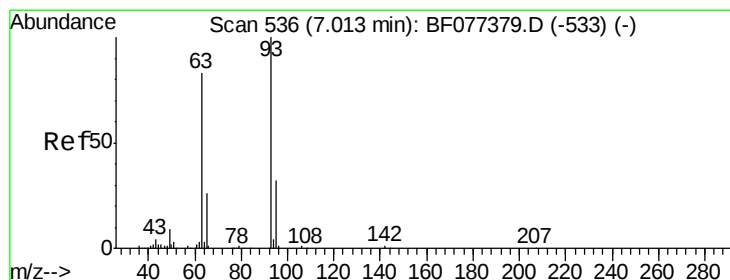
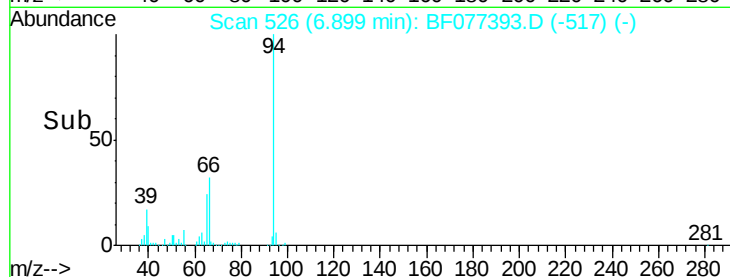
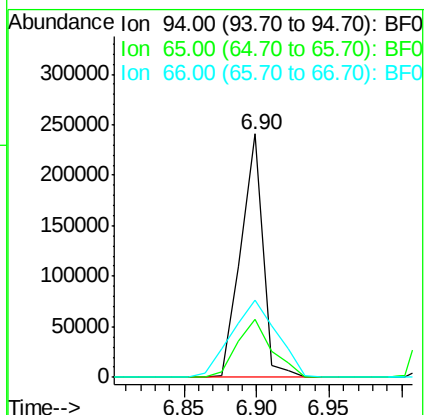
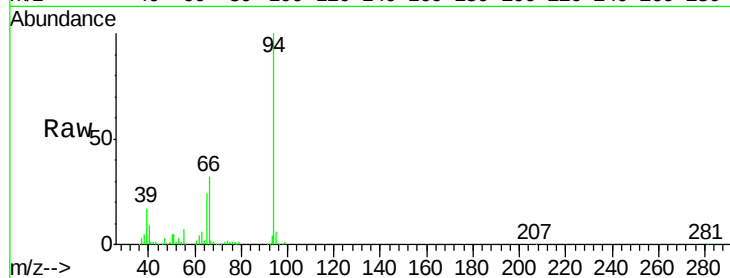
Tgt Ion: 94 Resp: 253510

Ion Ratio Lower Upper

94 100

65 23.9 5.7 45.7

66 31.8 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 32.37 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

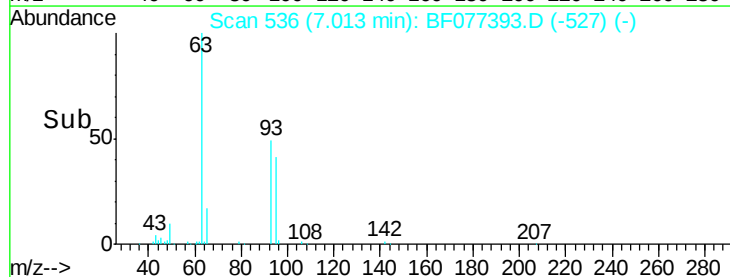
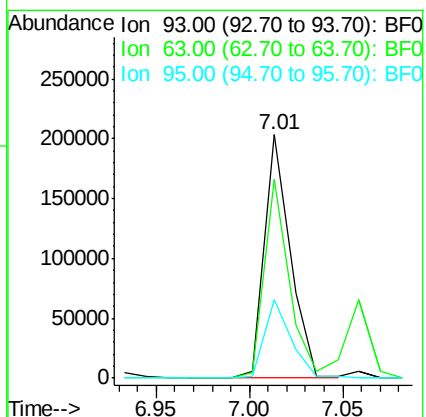
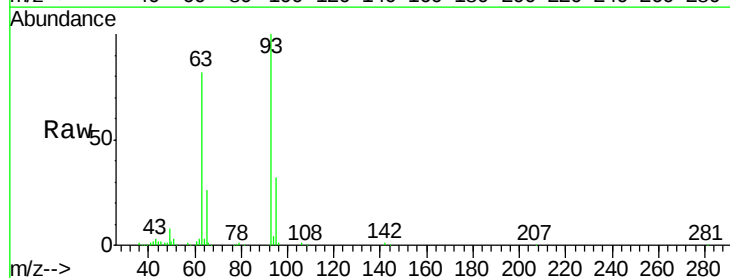
Tgt Ion: 93 Resp: 192412

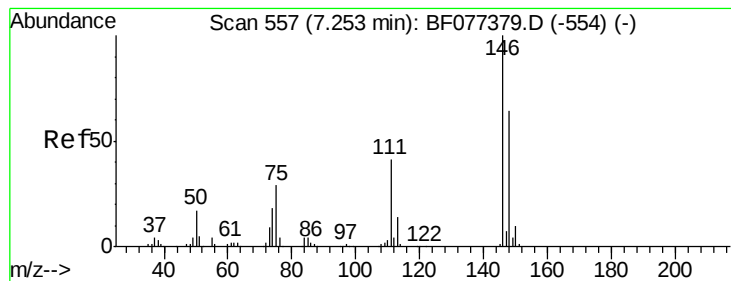
Ion Ratio Lower Upper

93 100

63 81.9 48.7 88.7

95 32.2 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 31.55 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

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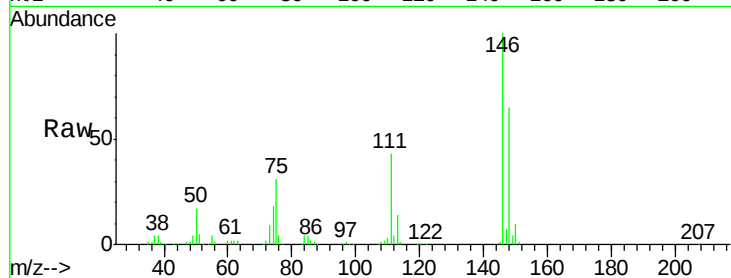
Tgt Ion:146 Resp: 219774

Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.8

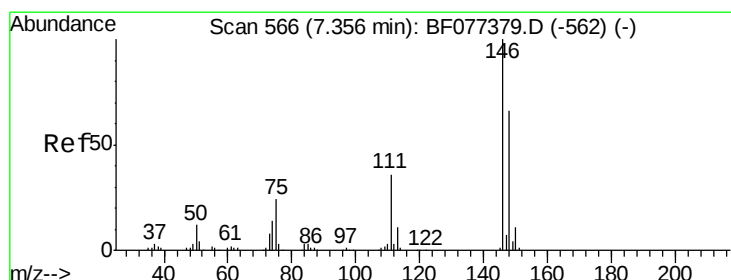
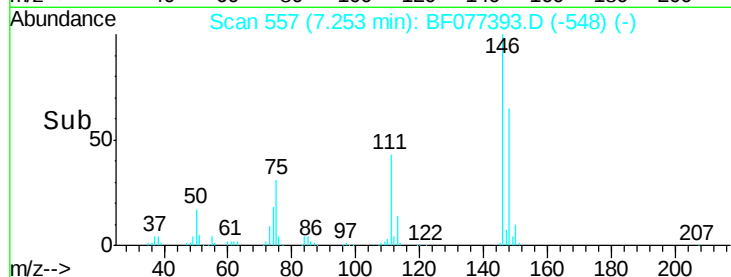
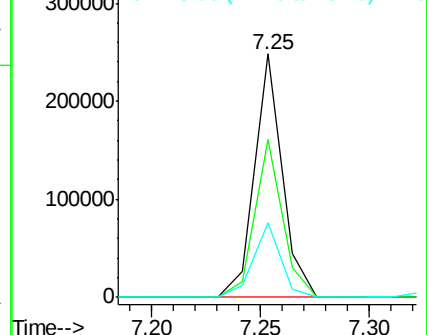
75 30.6 28.2 42.4



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: 32.26 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

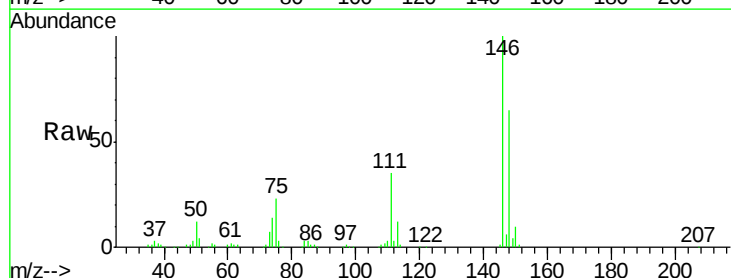
Tgt Ion:146 Resp: 228616

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

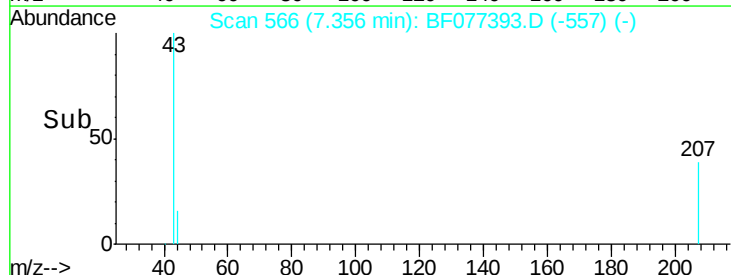
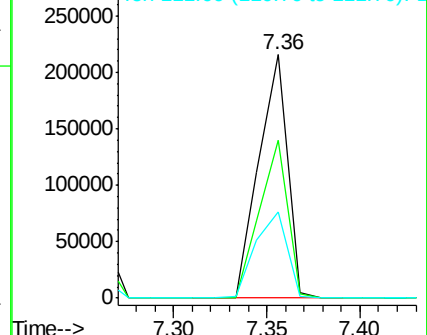
111 35.1 31.9 47.9

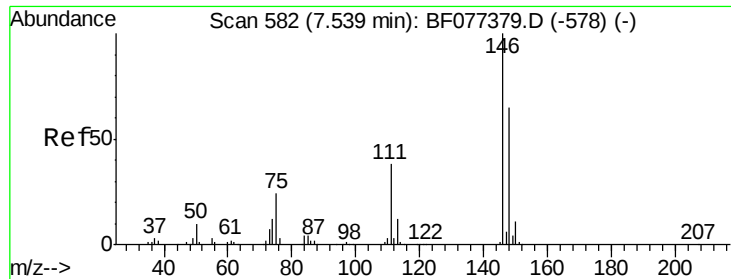


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 31.85 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

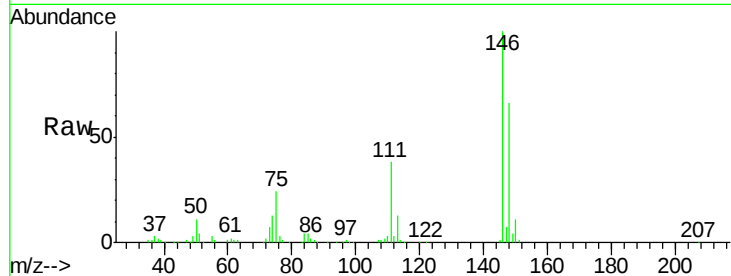
Tgt Ion:146 Resp: 214683

Ion Ratio Lower Upper

146 100

148 66.1 51.6 77.4

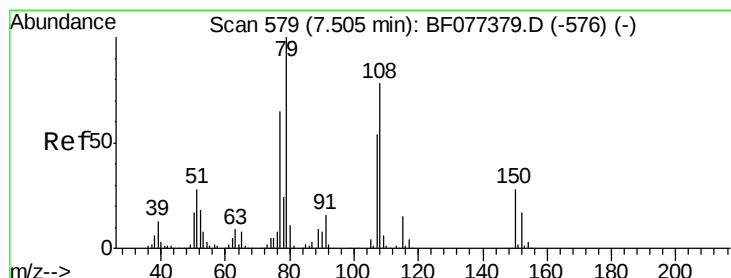
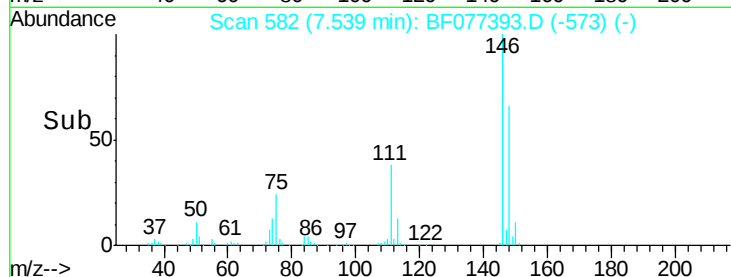
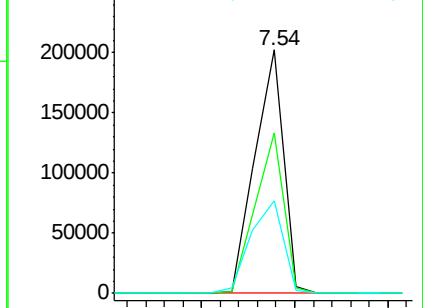
111 37.8 34.2 51.2



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: 33.20 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

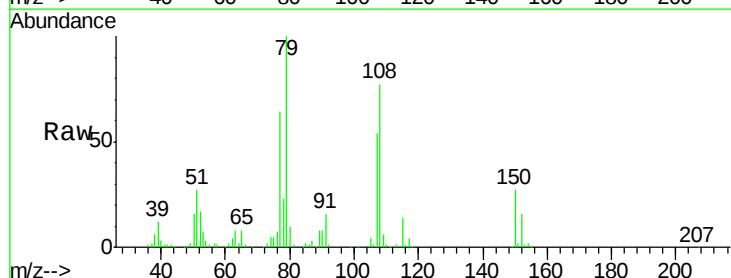
Tgt Ion: 79 Resp: 175937

Ion Ratio Lower Upper

79 100

108 77.4 58.3 87.5

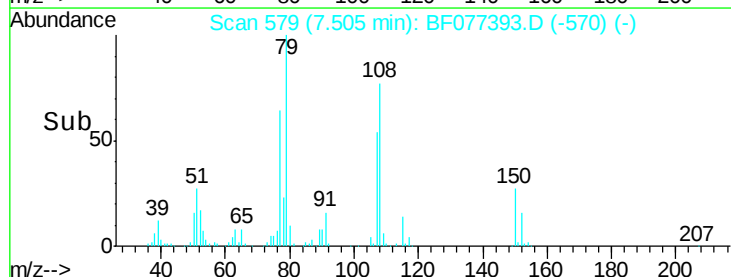
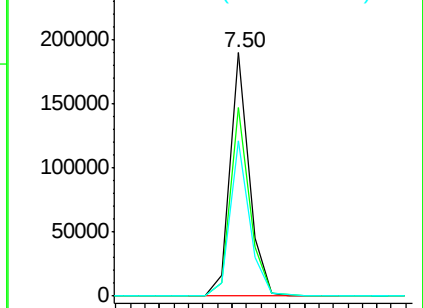
77 64.0 51.3 76.9

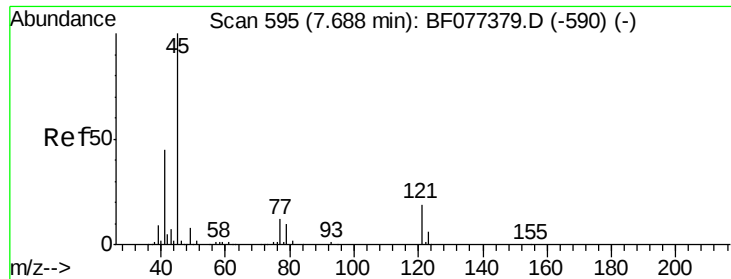


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

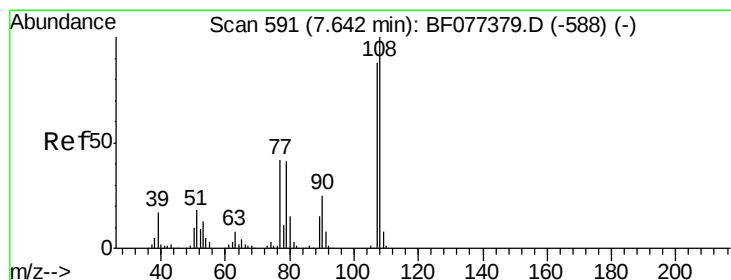
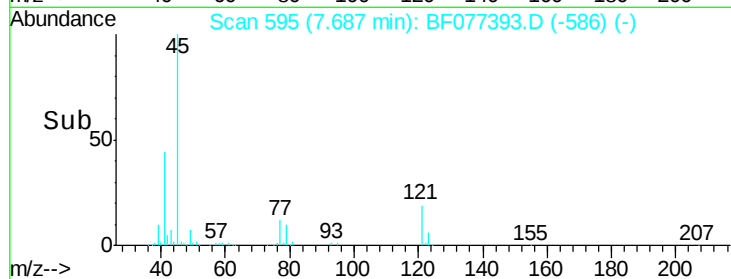
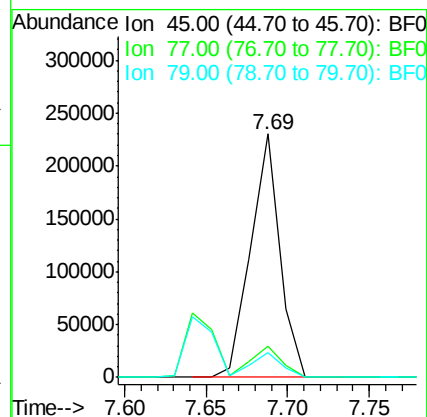
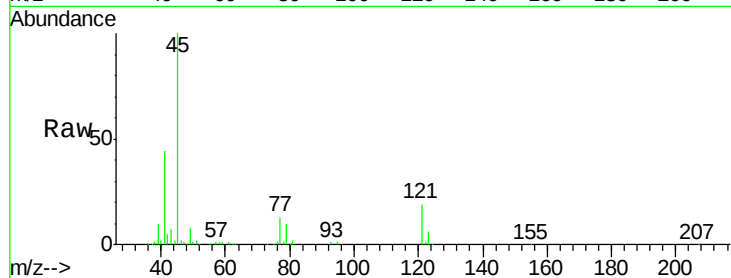




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.62 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

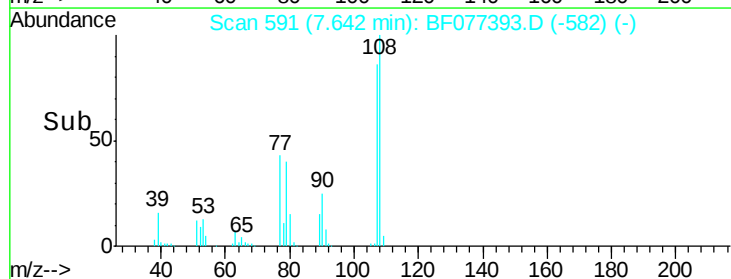
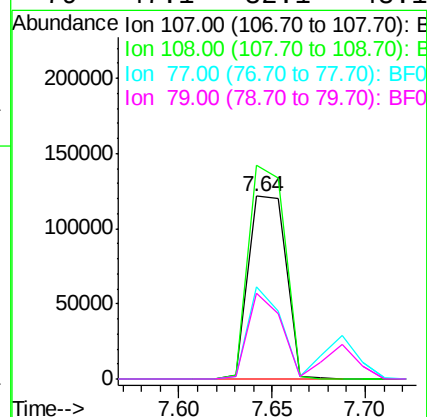
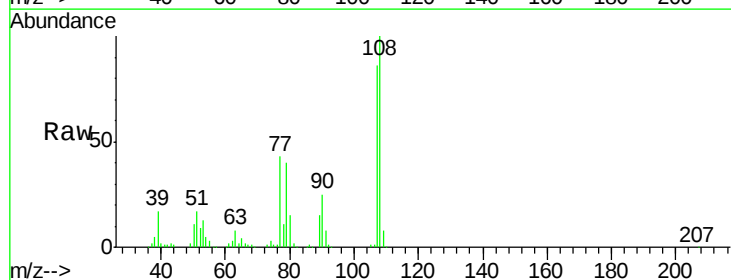
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

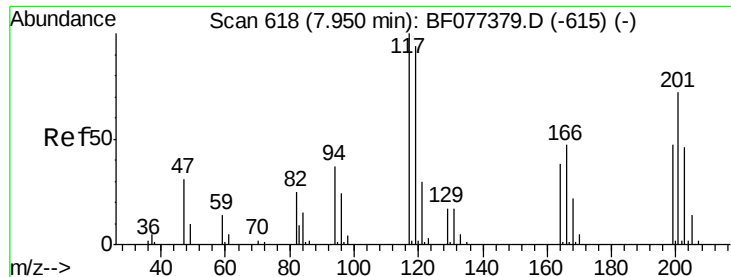
Tgt Ion: 45 Resp: 285678
Ion Ratio Lower Upper
45 100
77 12.5 0.0 34.6
79 10.0 0.0 31.5



#17
2-Methylphenol
Concen: 33.67 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 107 Resp: 168334
Ion Ratio Lower Upper
107 100
108 116.7 91.2 136.8
77 50.2 33.6 50.4
79 47.1 32.1 48.1

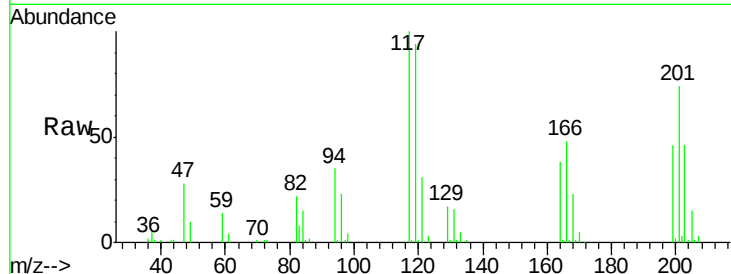




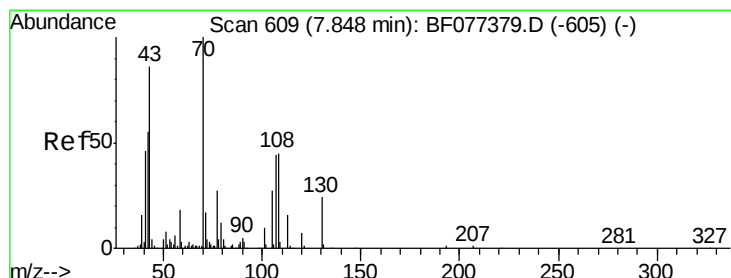
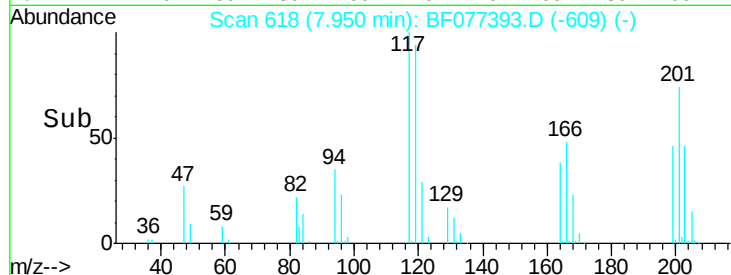
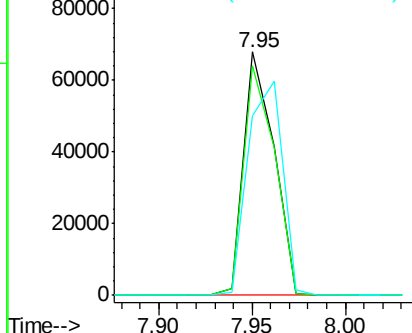
#18
Hexachloroethane
Concen: 32.50 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion: 117 Resp: 76925
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.8
201 73.6 90.6 136.0#

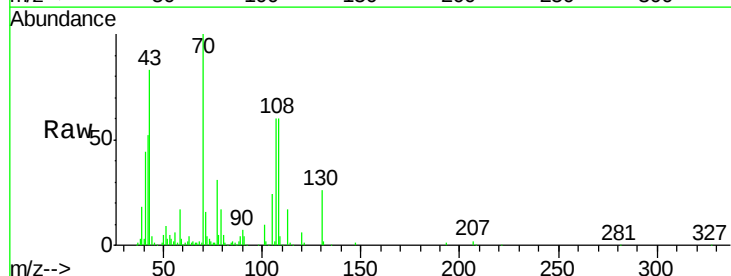


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

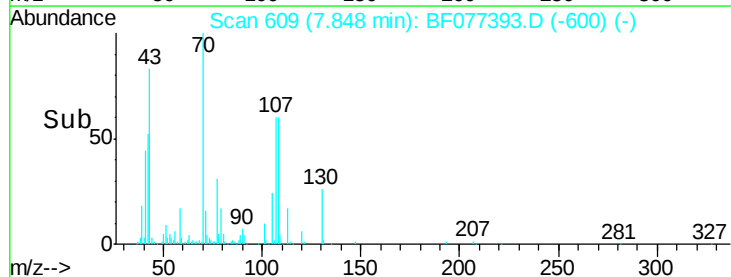
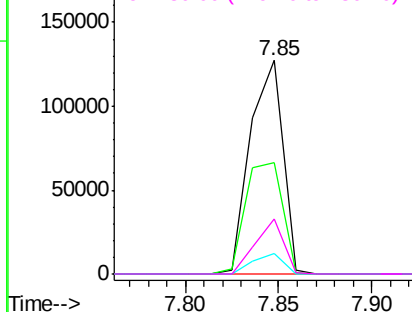


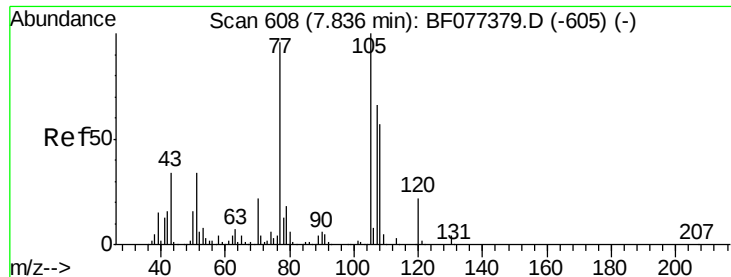
#19
n-Nitroso-di-n-propylamine
Concen: 34.86 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 70 Resp: 154323
Ion Ratio Lower Upper
70 100
42 52.4 48.3 72.5
101 9.8 7.5 11.3
130 25.8 16.7 25.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 33.99 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

Tgt Ion:107 Resp: 223816

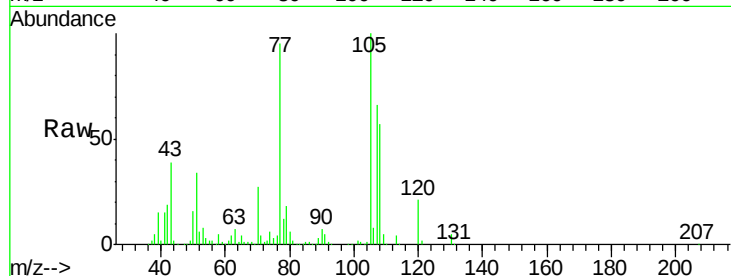
Ion Ratio Lower Upper

107 100

108 85.1 76.8 116.8

77 142.5 65.8 105.8#

79 26.6 9.6 49.6

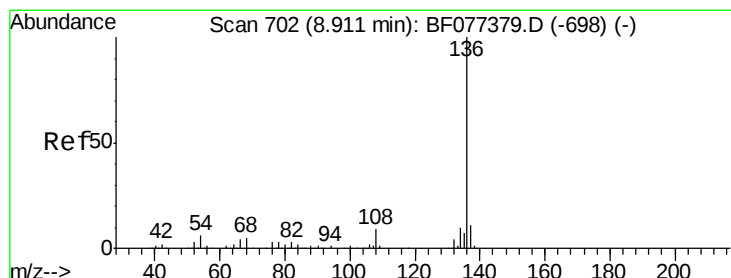
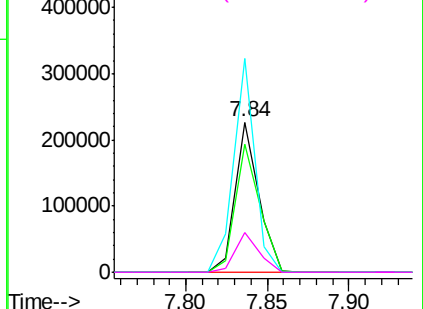
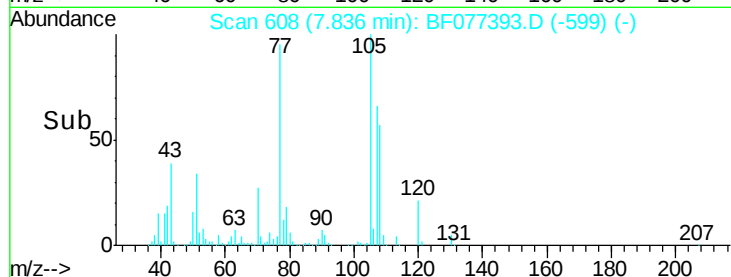


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Tgt Ion:136 Resp: 386496

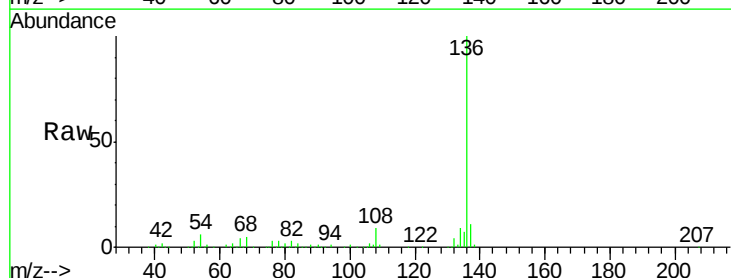
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.9 6.2 9.4#

68 4.8 5.0 7.6#

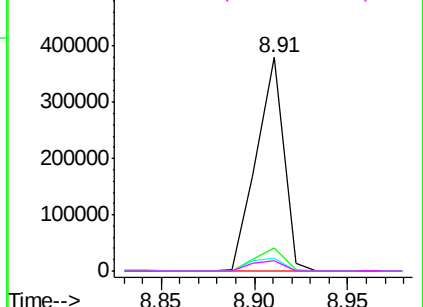
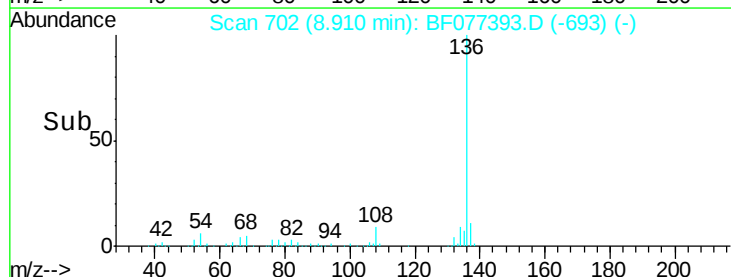


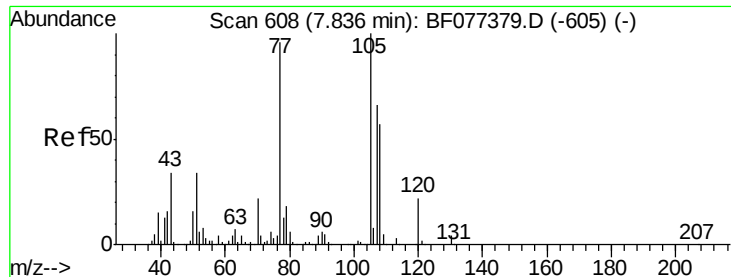
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 32.28 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

Tgt Ion: 105 Resp: 293482

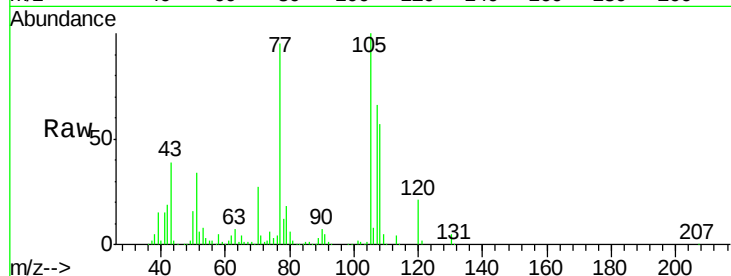
Ion Ratio Lower Upper

105 100

71 4.4 1.7 2.5#

51 33.6 30.7 46.1

120 21.3 16.7 25.1

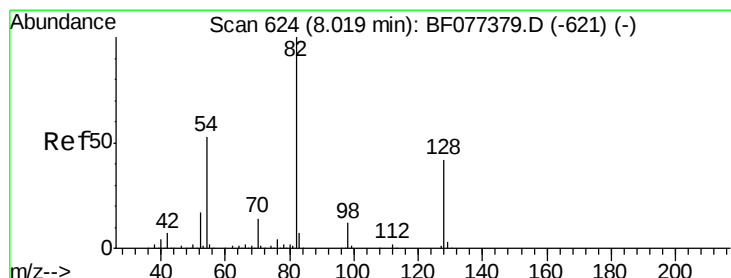
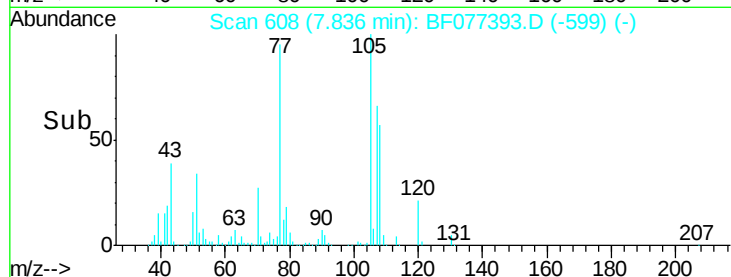
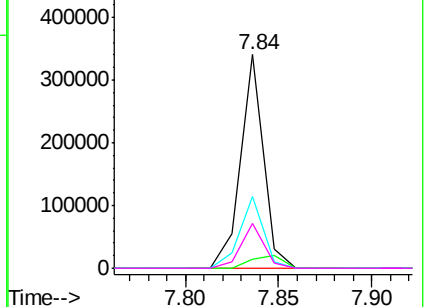


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.44 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

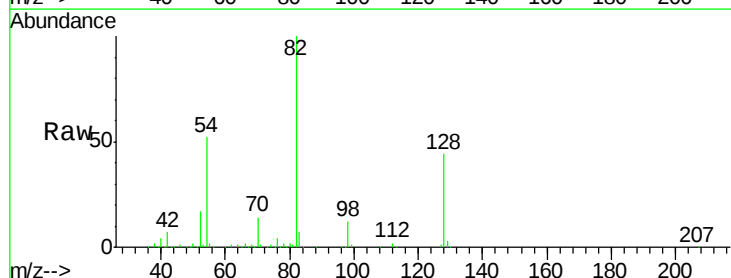
Tgt Ion: 82 Resp: 381868

Ion Ratio Lower Upper

82 100

128 43.9 43.8 65.8

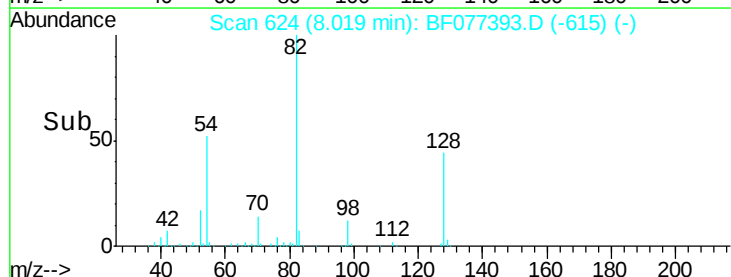
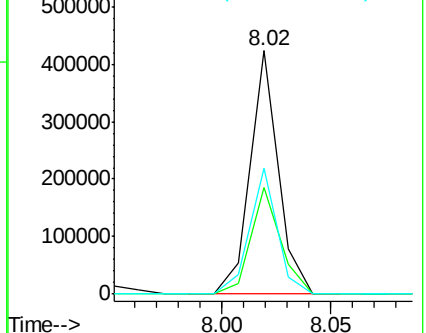
54 51.8 36.7 55.1

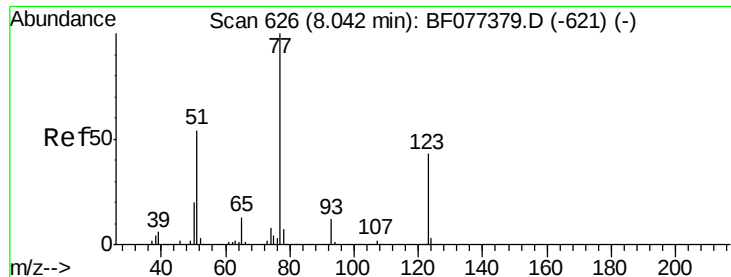


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

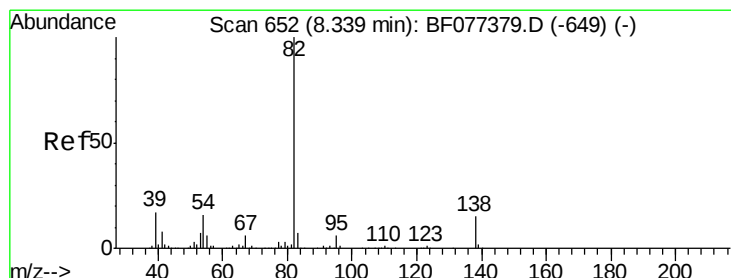
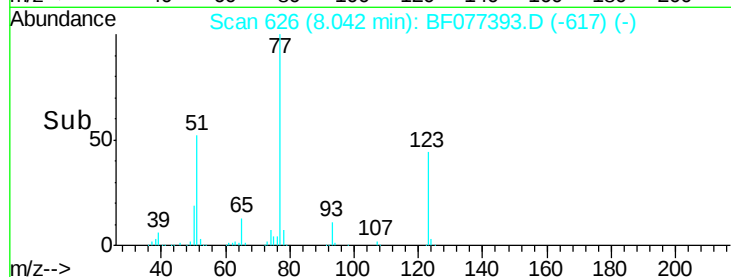
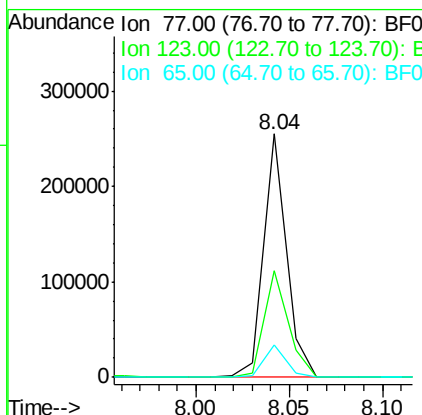
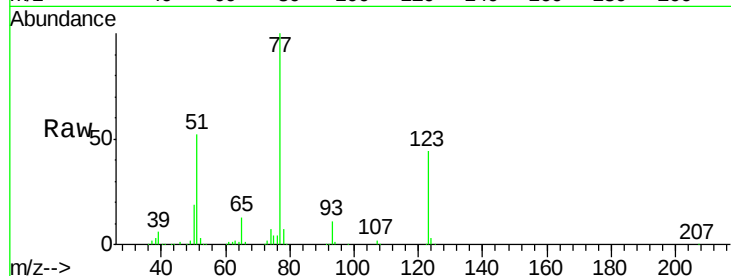




#24
Nitrobenzene
Concen: 32.64 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

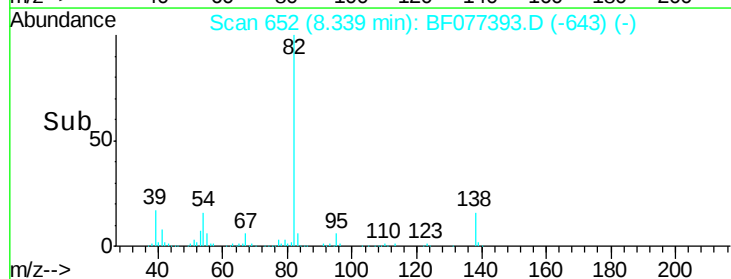
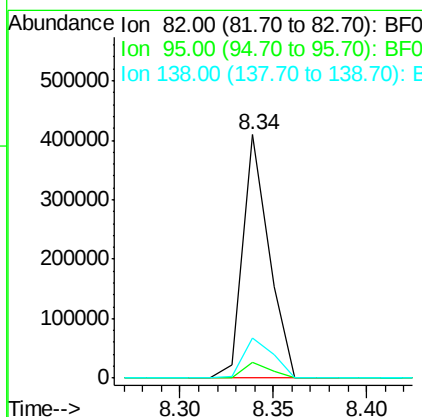
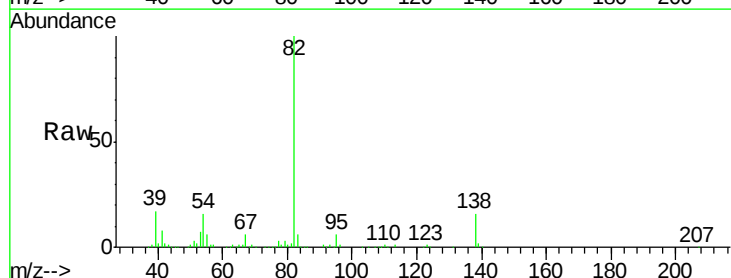
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

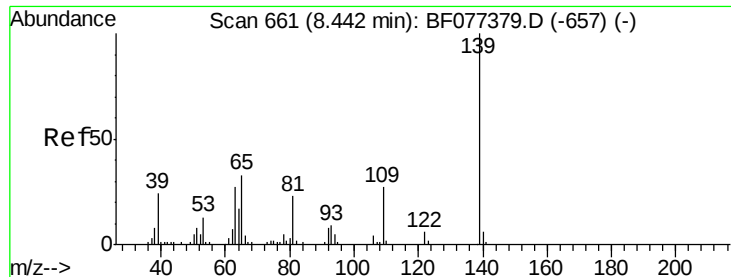
Tgt Ion: 77 Resp: 213422
Ion Ratio Lower Upper
77 100
123 43.7 45.9 68.9#
65 13.1 9.5 14.3



#25
Isophorone
Concen: 32.58 ng
RT: 8.34 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 82 Resp: 401796
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 16.4 16.3 24.5

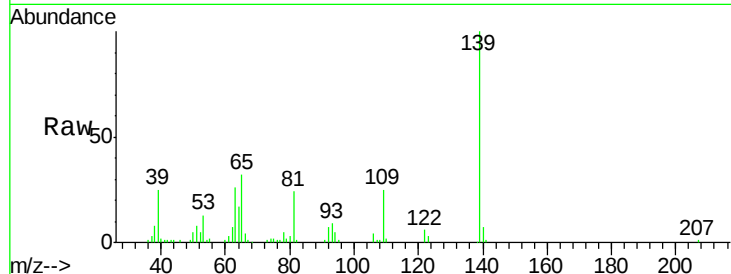




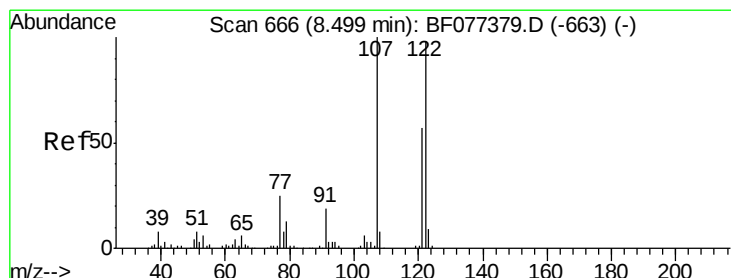
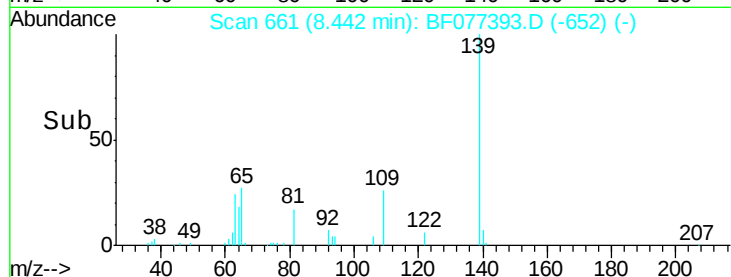
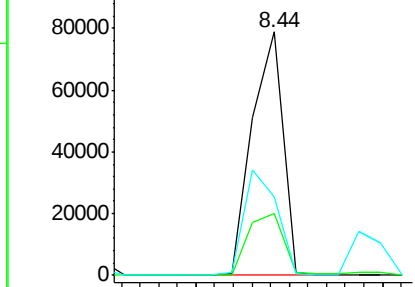
#26
2-Nitrophenol
Concen: 33.74 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion:139 Resp: 90421
Ion Ratio Lower Upper
139 100
109 25.2 22.6 34.0
65 32.0 36.4 54.6#

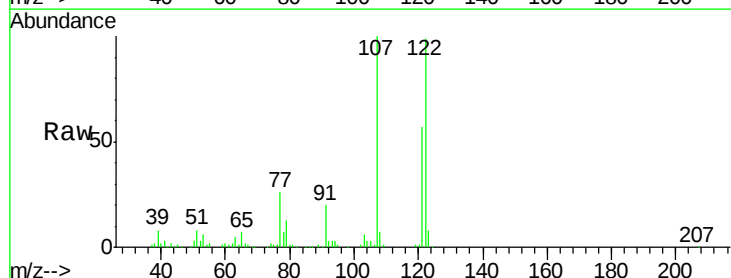


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

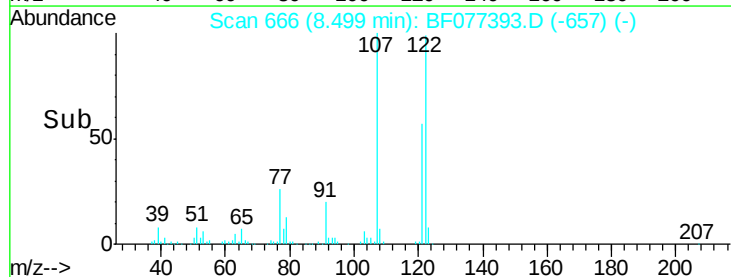
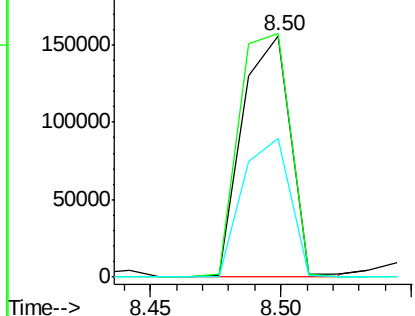


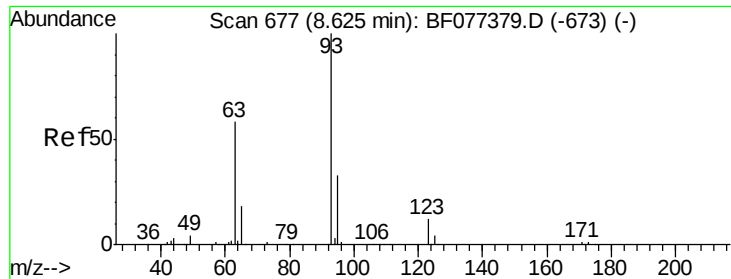
#27
2,4-Dimethylphenol
Concen: 33.22 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion:122 Resp: 199200
Ion Ratio Lower Upper
122 100
107 100.7 86.6 130.0
121 57.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

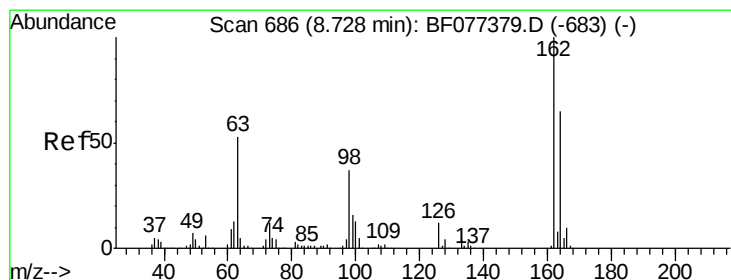
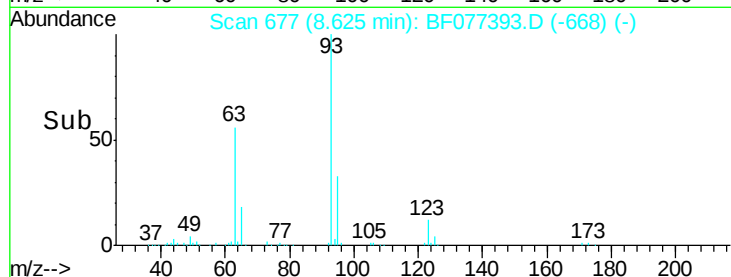
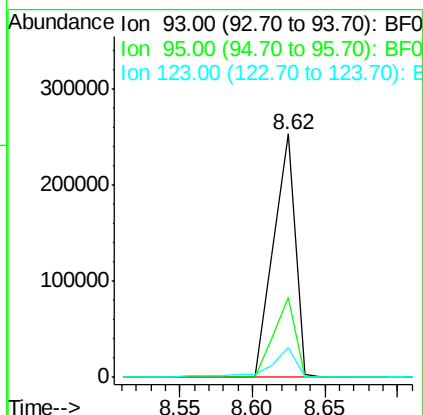
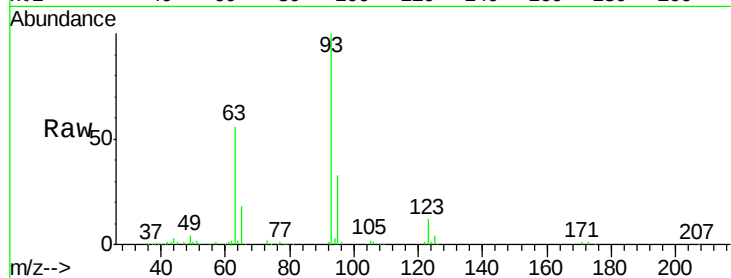




#28
bis(2-Chloroethoxy)methane
Concen: 33.85 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

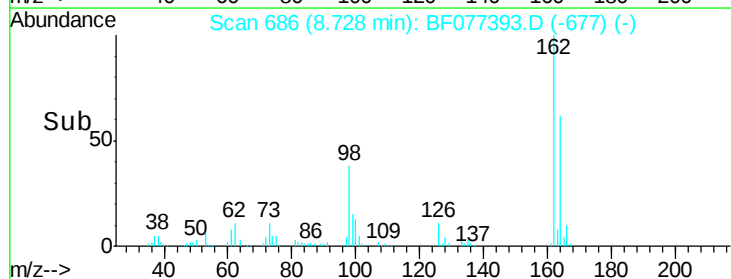
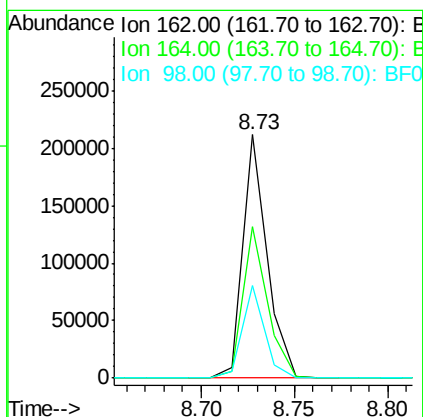
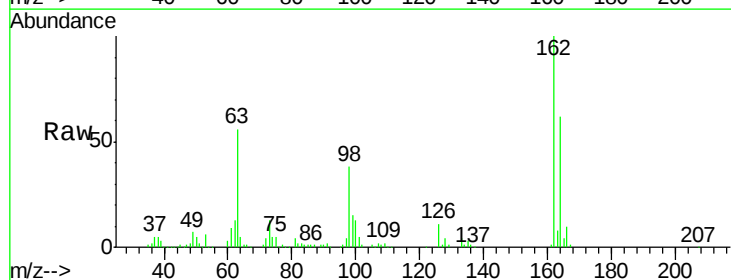
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

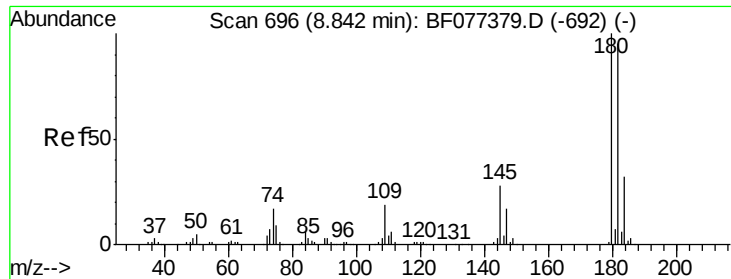
Tgt Ion: 93 Resp: 263665
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.3 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 34.08 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 162 Resp: 191803
Ion Ratio Lower Upper
162 100
164 62.0 46.4 86.4
98 37.8 6.9 46.9

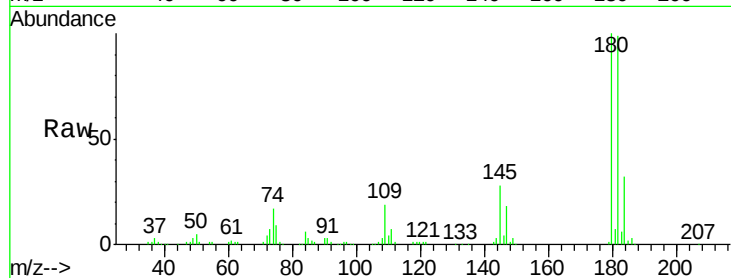




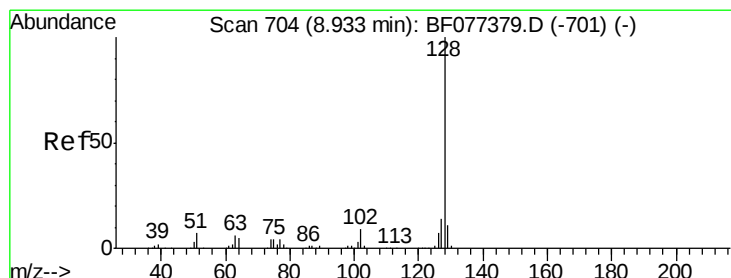
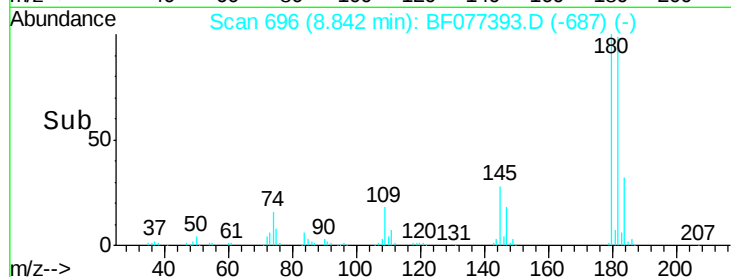
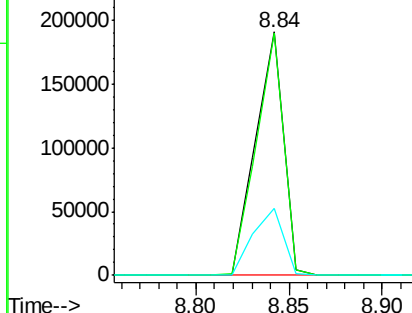
#30
1,2,4-Trichlorobenzene
Concen: 32.04 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion:180 Resp: 198248
Ion Ratio Lower Upper
180 100
182 99.3 76.2 114.4
145 27.7 24.5 36.7

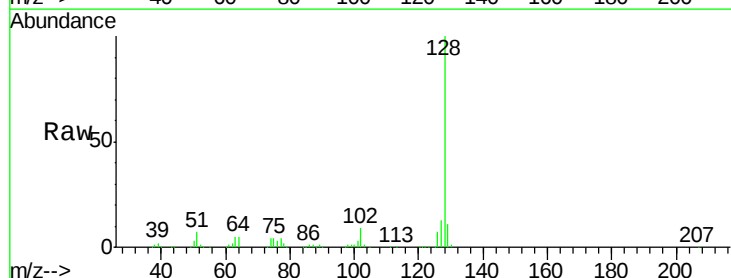


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

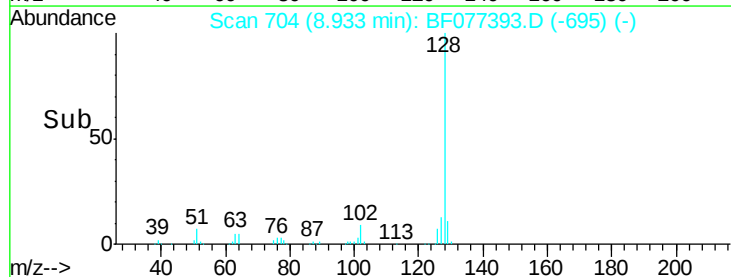
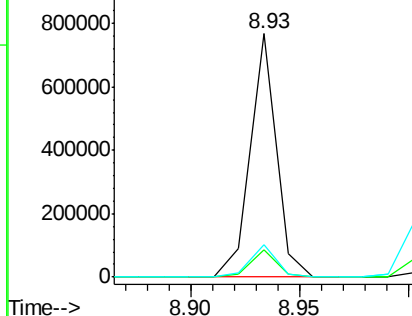


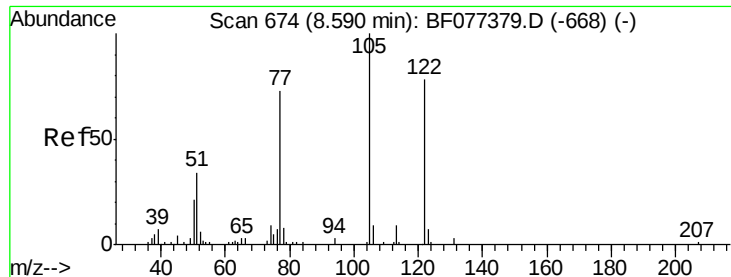
#31
Naphthalene
Concen: 33.08 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion:128 Resp: 639295
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 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: 34.66 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

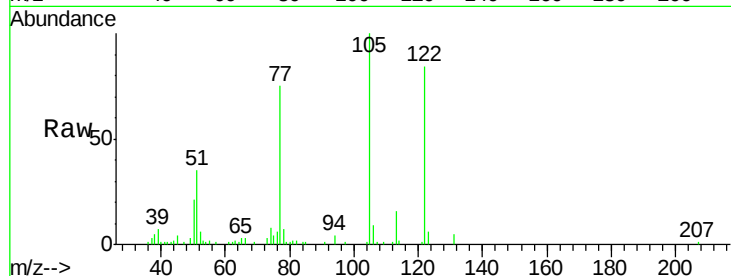
Tgt Ion:122 Resp: 101002

Ion Ratio Lower Upper

122 100

105 118.4 100.3 140.3

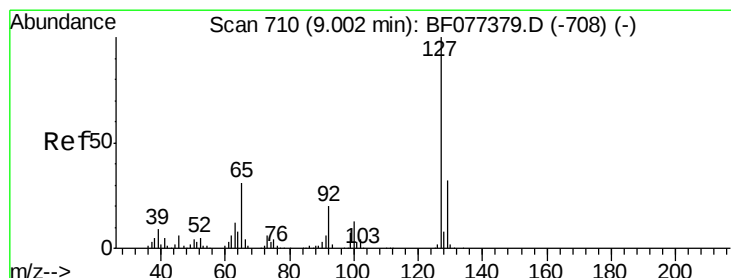
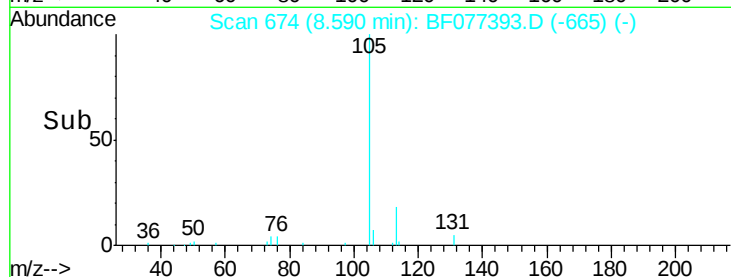
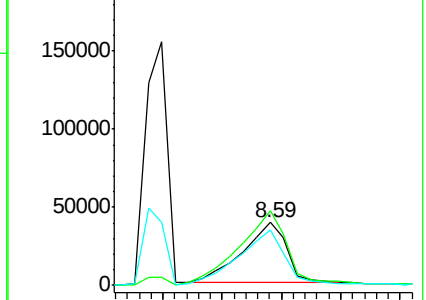
77 89.1 68.7 108.7



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: 16.83 ng

RT: 9.00 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Tgt Ion:127 Resp: 144649

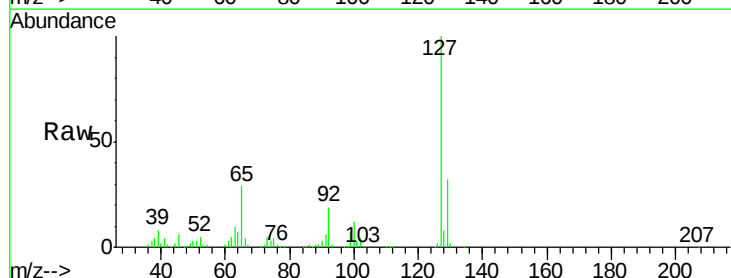
Ion Ratio Lower Upper

127 100

129 32.3 26.9 40.3

65 29.1 16.7 25.1#

92 19.0 12.5 18.7#

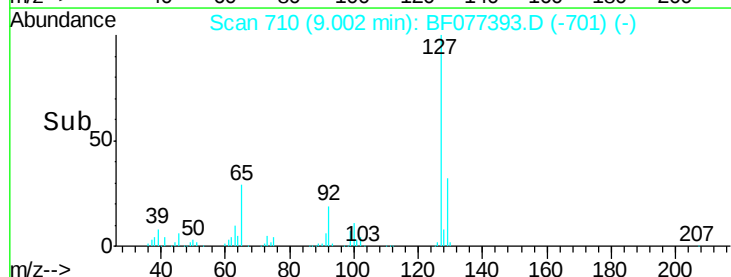
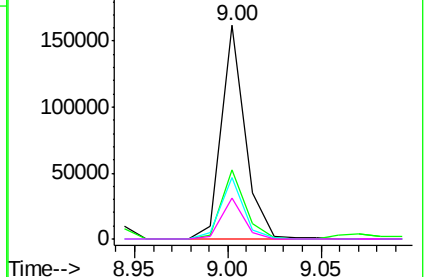


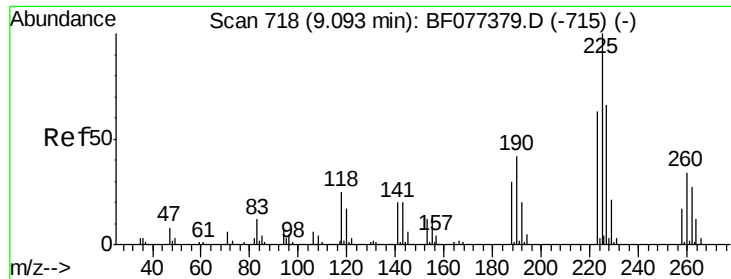
Abundance Ion 127.00 (126.70 to 127.70): E

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

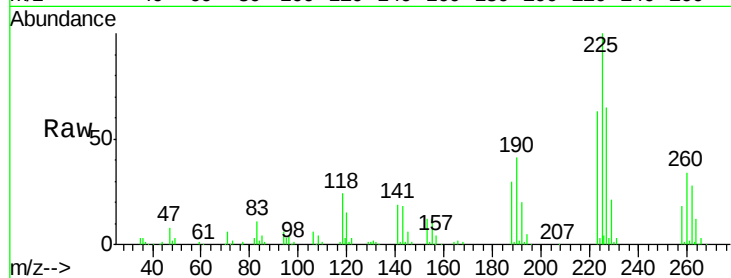




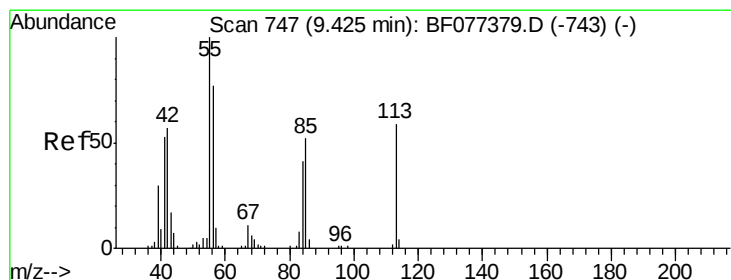
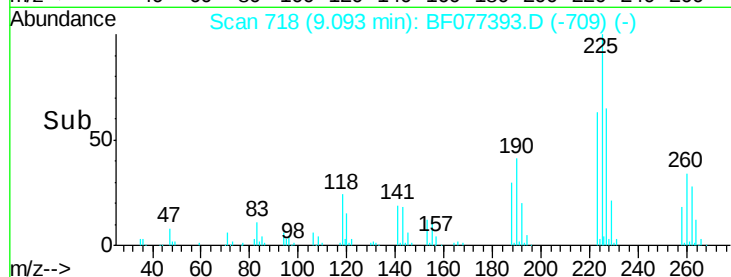
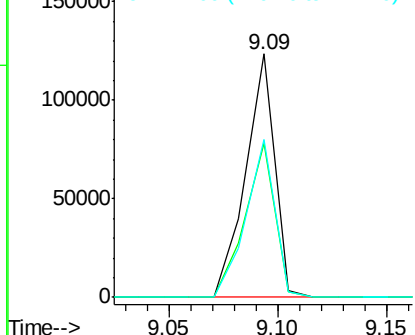
#34
Hexachlorobutadiene
Concen: 32.49 ng
RT: 9.09 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion: 225 Resp: 114767
Ion Ratio Lower Upper
225 100
223 63.0 49.5 74.3
227 64.9 50.5 75.7

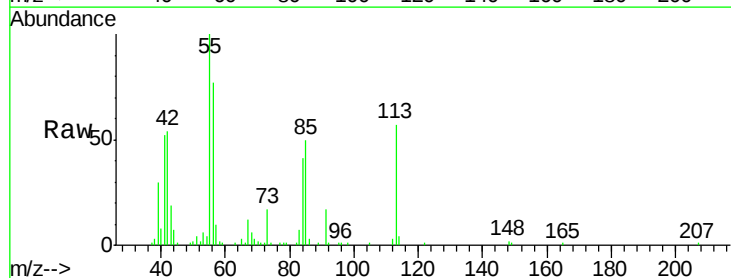


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

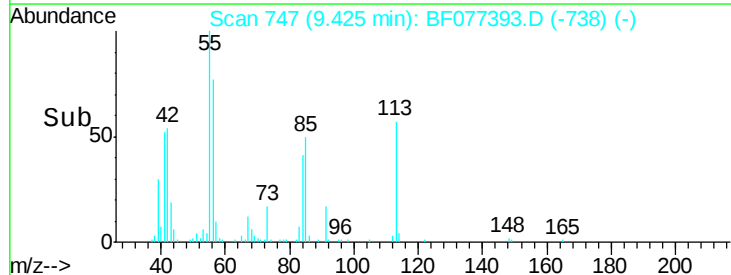
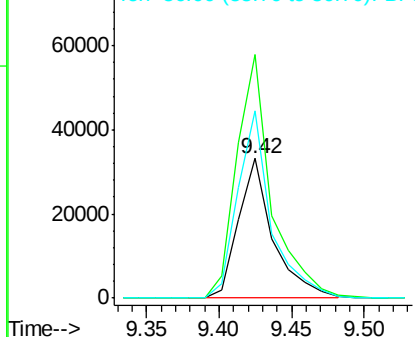


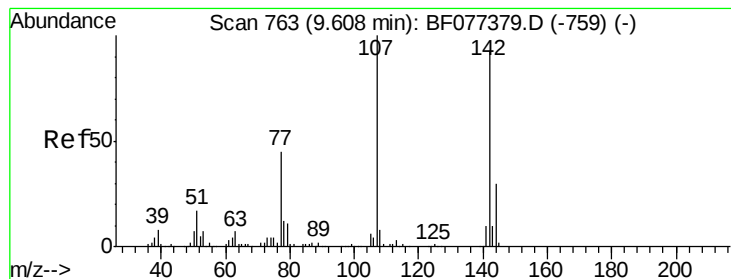
#35
Caprolactam
Concen: 32.06 ng
RT: 9.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 113 Resp: 55089
Ion Ratio Lower Upper
113 100
55 174.7 154.6 194.6
56 134.1 114.0 154.0



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: 35.46 ng

RT: 9.61 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

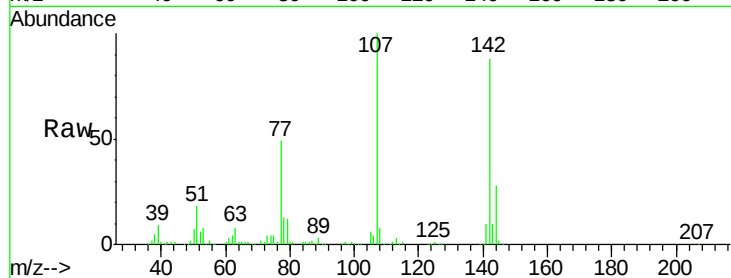
Tgt Ion:107 Resp: 200679

Ion Ratio Lower Upper

107 100

144 28.0 21.1 31.7

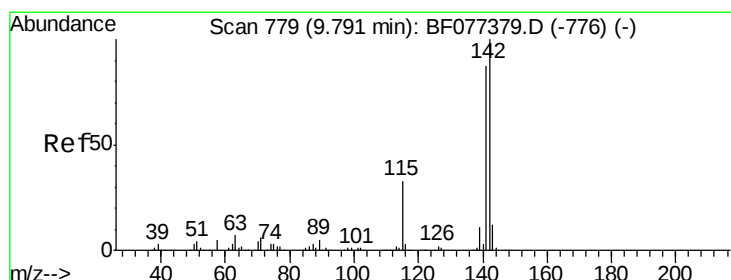
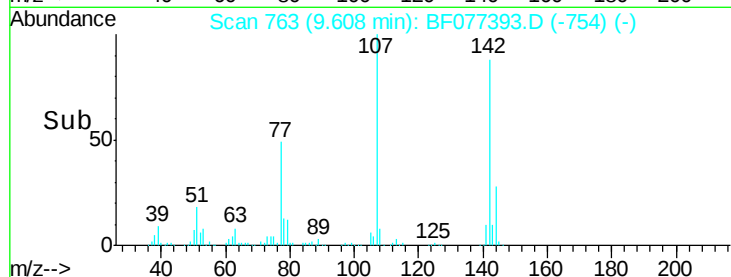
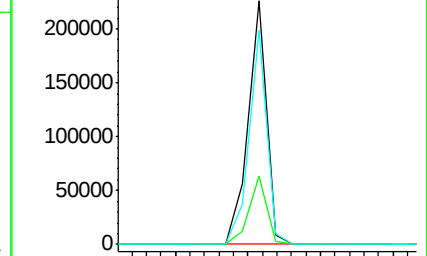
142 88.0 65.3 97.9



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: 32.23 ng

RT: 9.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

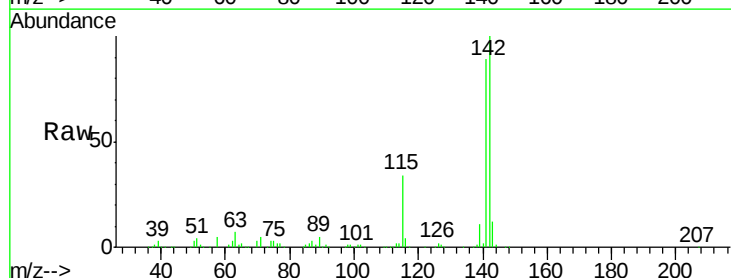
Tgt Ion:142 Resp: 442373

Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1

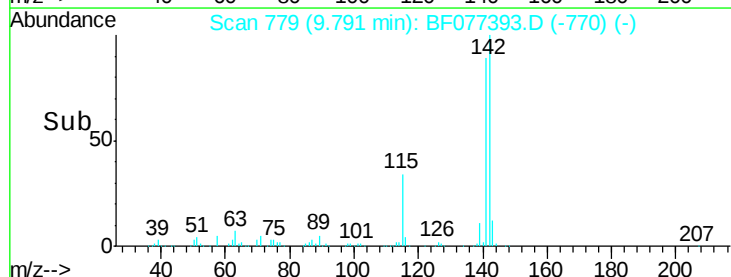
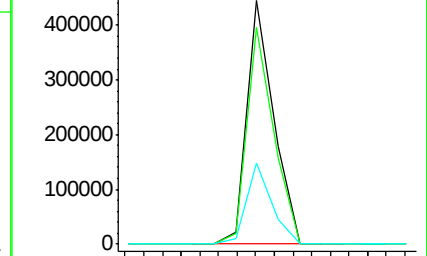
115 33.6 24.2 36.4

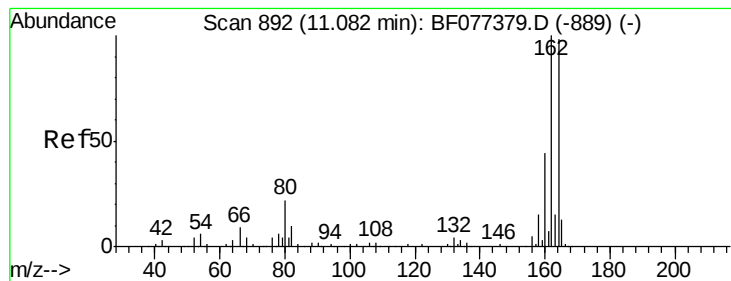


Abundance Ion 142.00 (141.70 to 142.70): E

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: 11.08 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

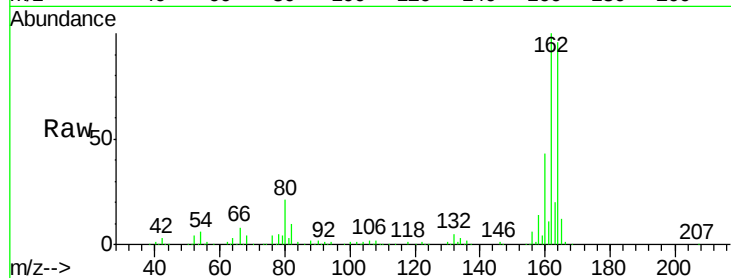
Tgt Ion:164 Resp: 203093

Ion Ratio Lower Upper

164 100

162 104.2 83.2 124.8

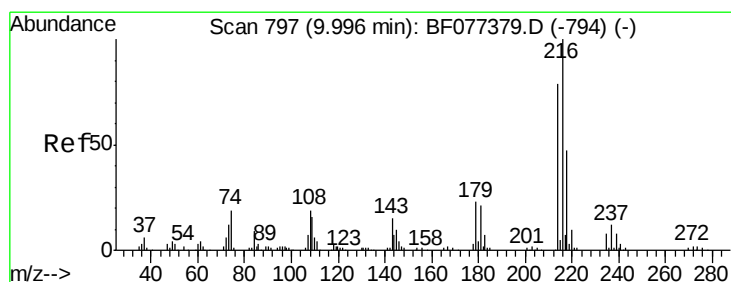
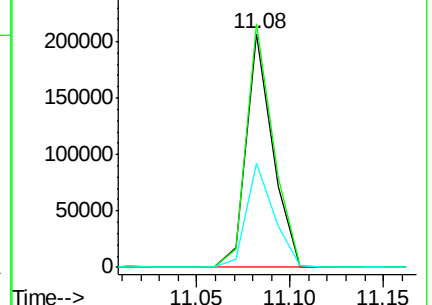
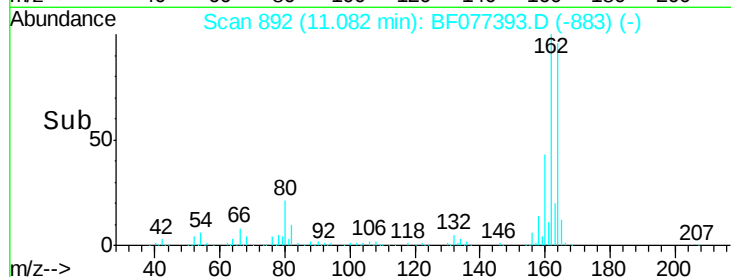
160 44.5 34.6 52.0



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: 34.58 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Tgt Ion:216 Resp: 201529

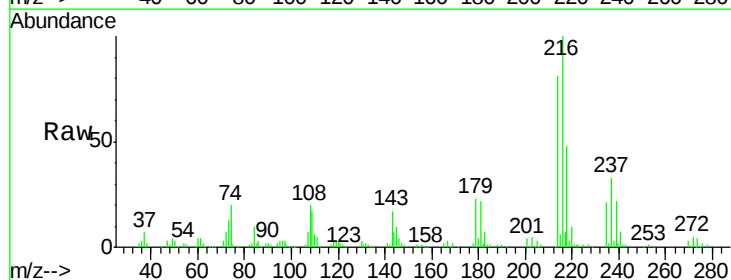
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

179 21.2 16.6 25.0

108 20.9 14.2 21.4

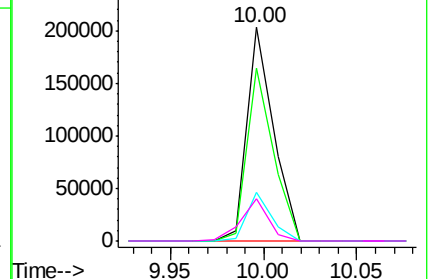
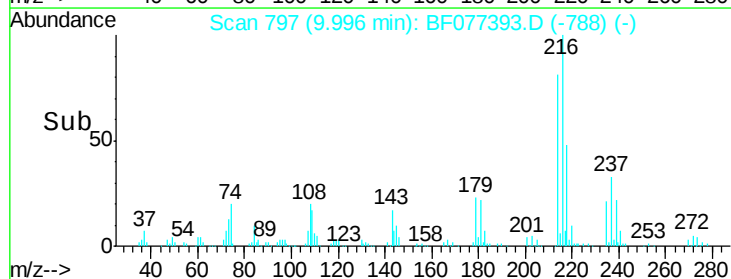


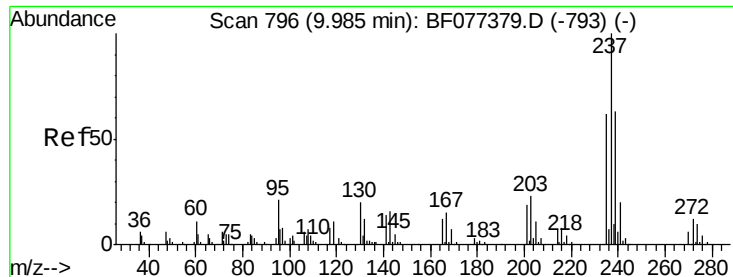
Abundance Ion 216.00 (215.70 to 216.70): E

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

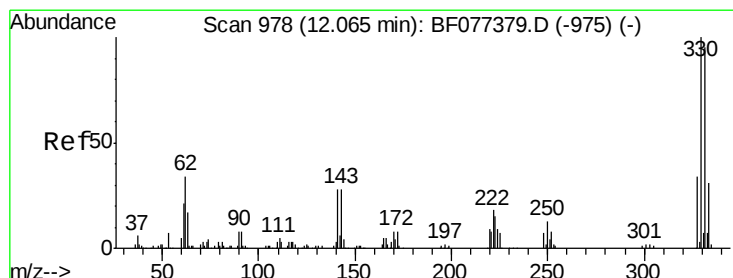
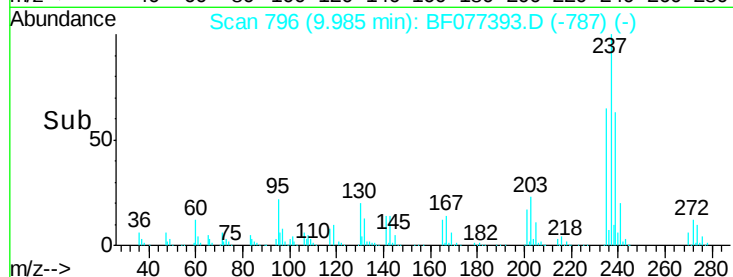
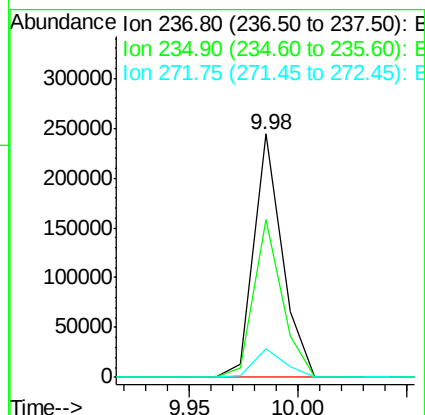
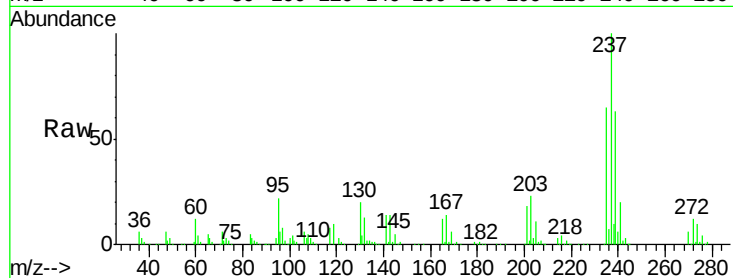




#40
Hexachlorocyclopentadiene
Concen: 71.22 ng
RT: 9.98 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

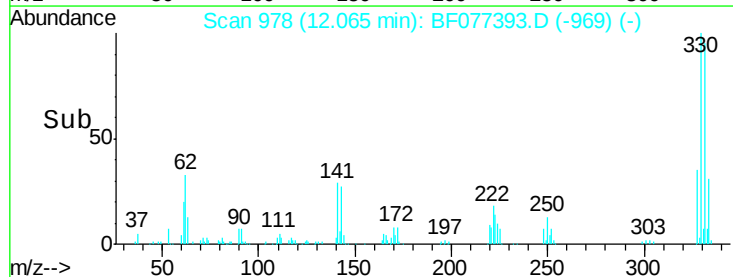
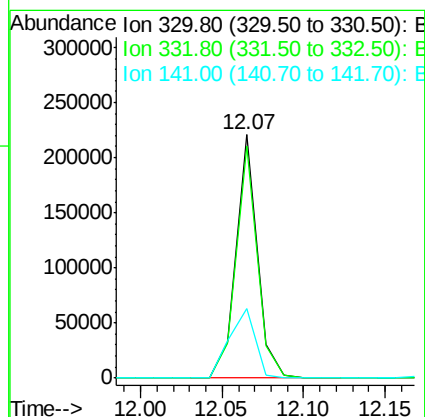
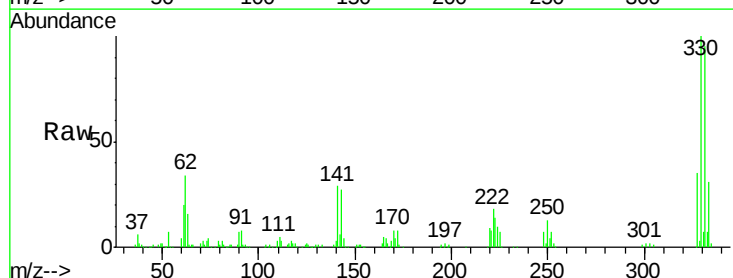
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

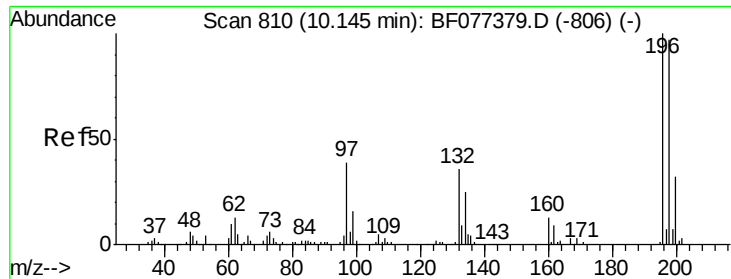
Tgt Ion: 237 Resp: 222539
Ion Ratio Lower Upper
237 100
235 64.7 41.0 81.0
272 11.7 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 101.07 ng
RT: 12.07 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 330 Resp: 197654
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 35.7 28.8 43.2

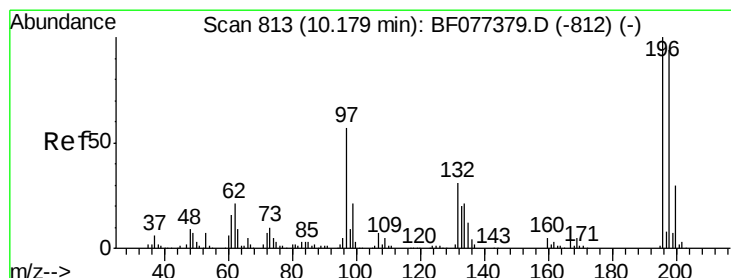
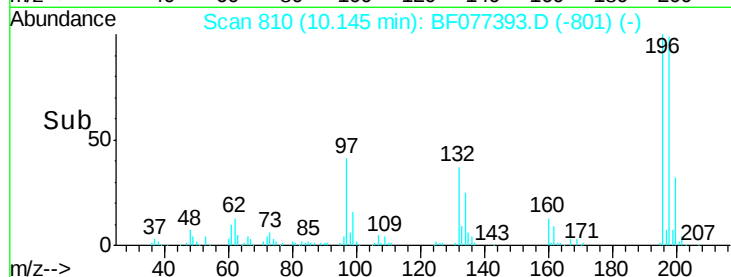
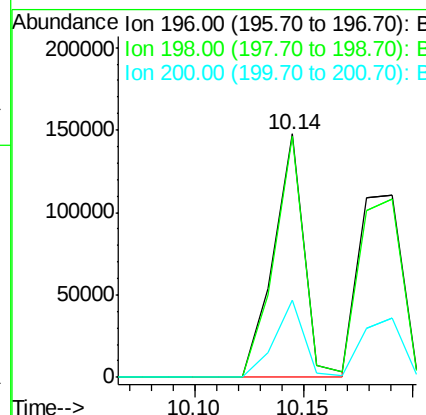
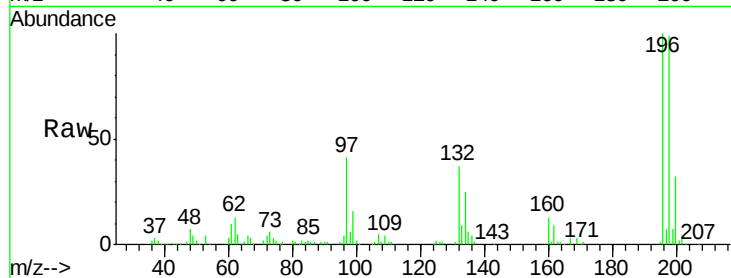




#42
 2,4,6-Trichlorophenol
 Concen: 37.77 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

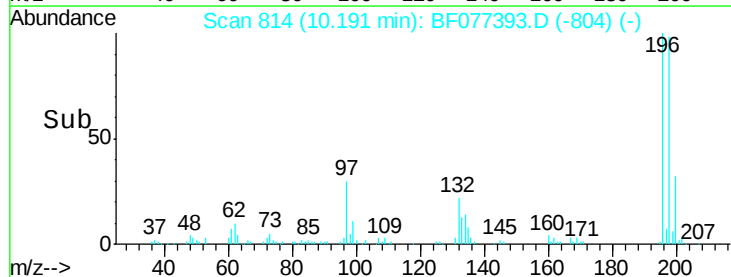
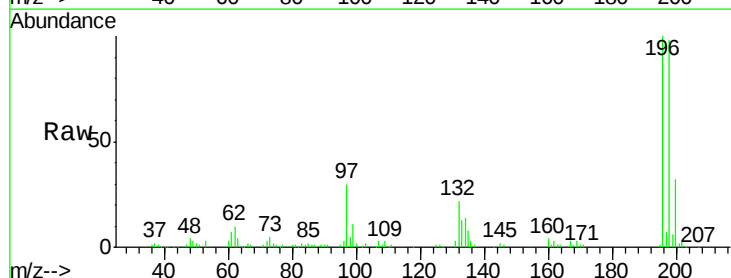
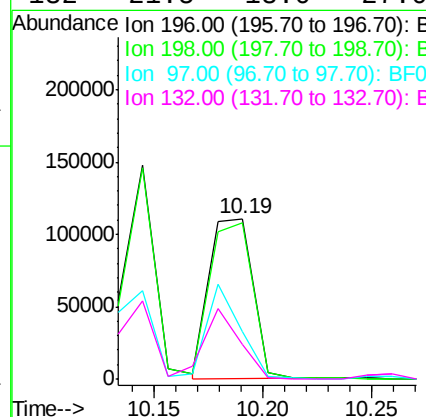
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

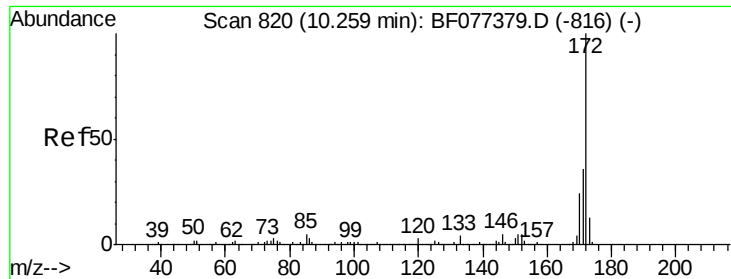
Tgt Ion:196 Resp: 145740
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.8
 200 31.6 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 37.26 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:196 Resp: 153741
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.2 115.8
 97 29.9 27.7 41.5
 132 21.5 18.0 27.0

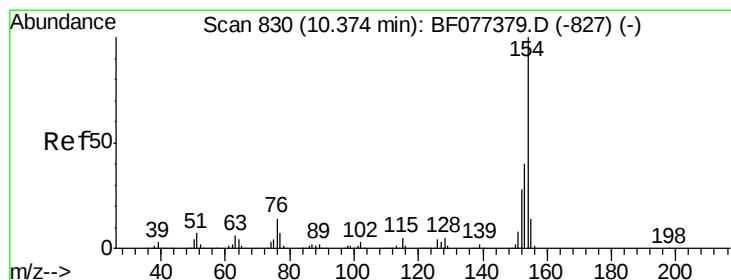
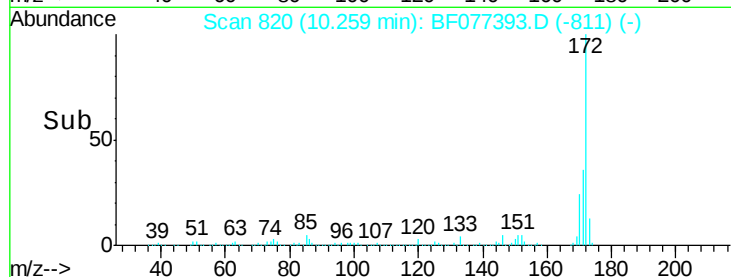
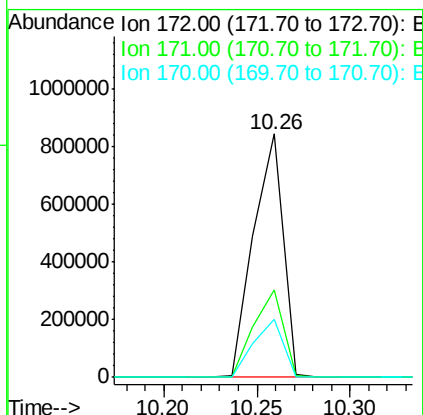
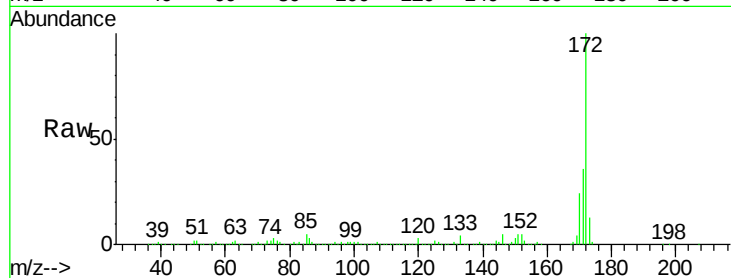




#44
 2-Fluorobiphenyl
 Concen: 71.44 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

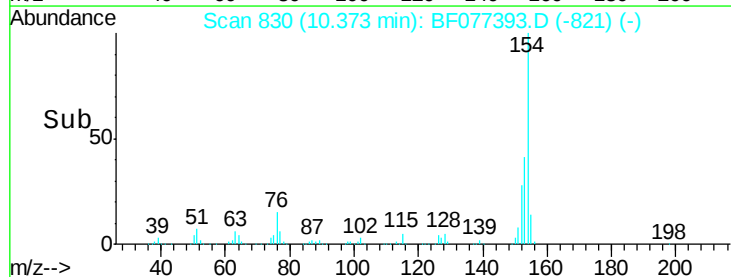
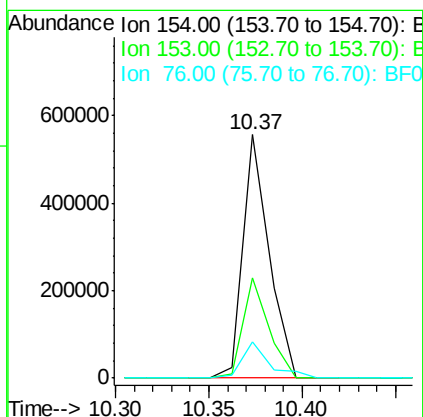
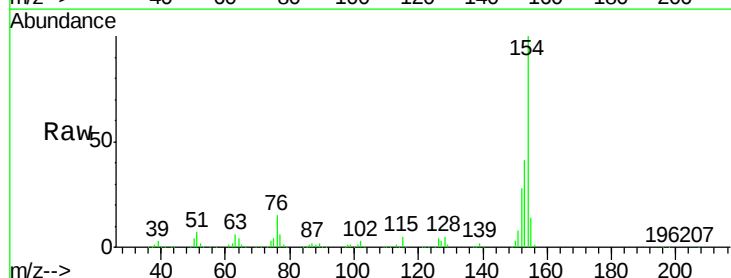
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

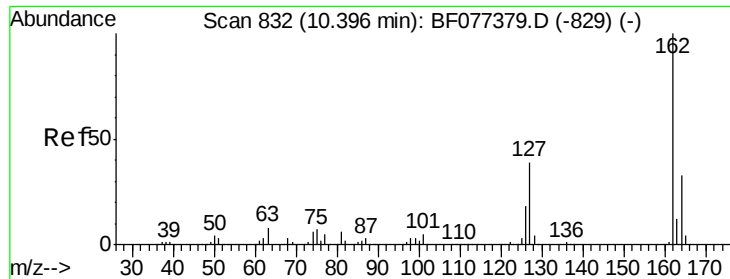
Tgt Ion:172 Resp: 930445
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.9 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 35.16 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:154 Resp: 540961
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.2 60.2
 76 14.8 0.0 29.4

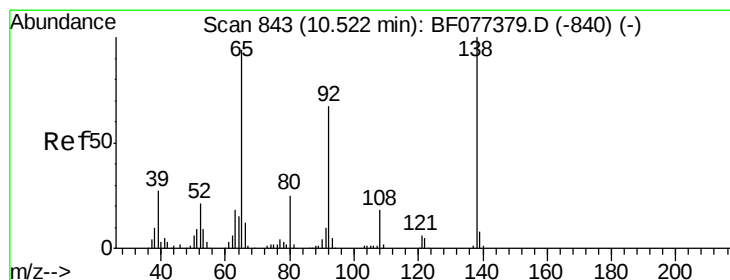
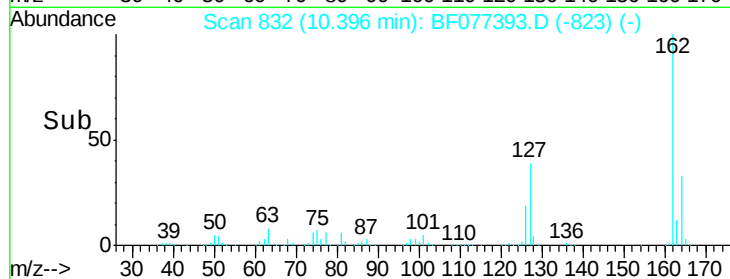
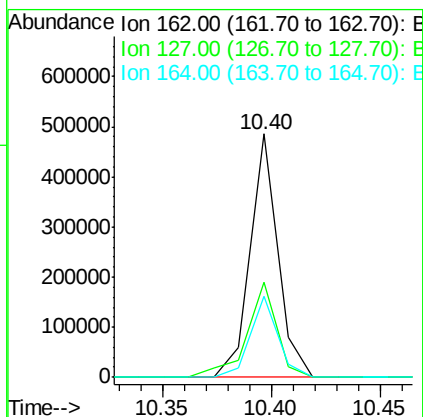
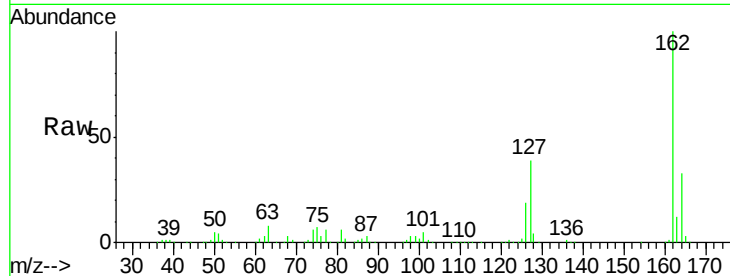




#46
 2-Chloronaphthalene
 Concen: 35.58 ng
 RT: 10.40 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

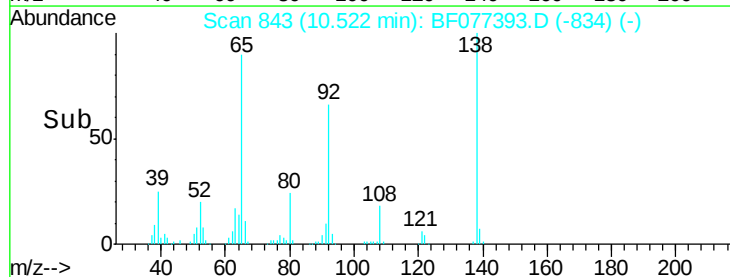
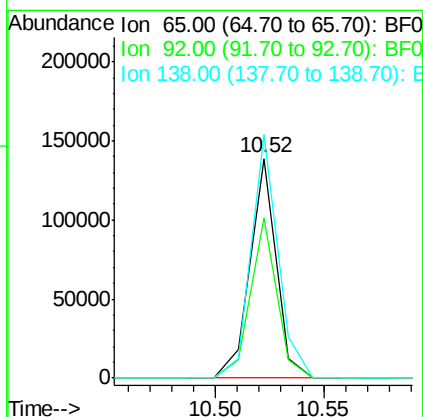
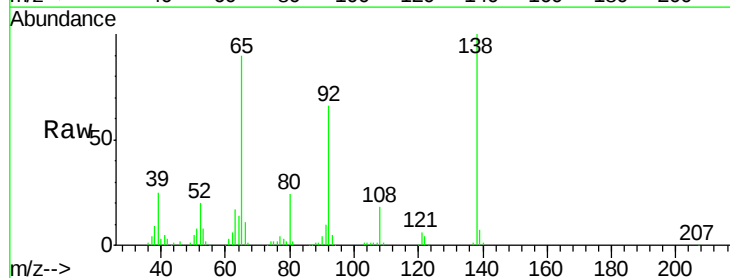
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

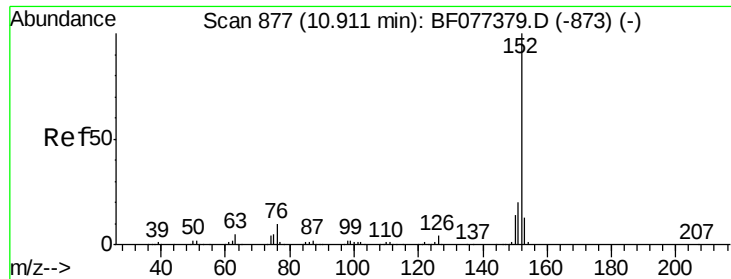
Tgt Ion: 162 Resp: 429359
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.3 49.9
 164 33.1 26.2 39.4



#47
 2-Nitroaniline
 Concen: 39.16 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion: 65 Resp: 116333
 Ion Ratio Lower Upper
 65 100
 92 73.4 52.4 78.6
 138 111.0 73.4 110.0#

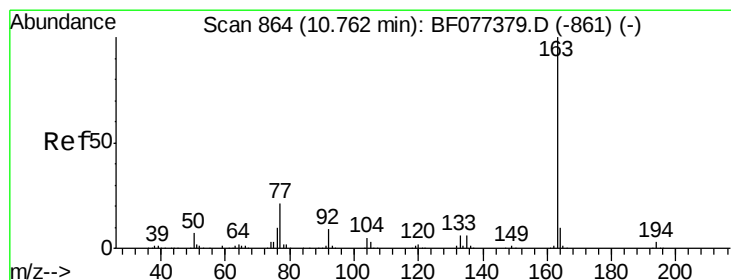
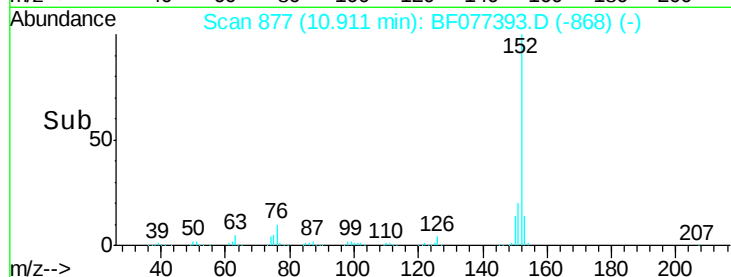
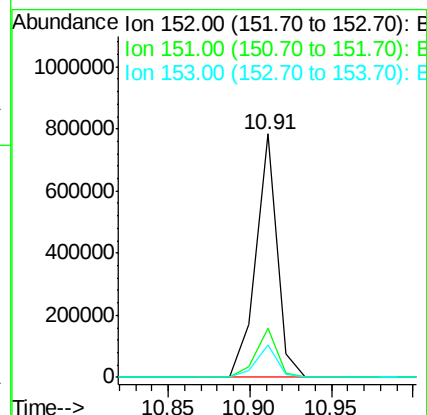
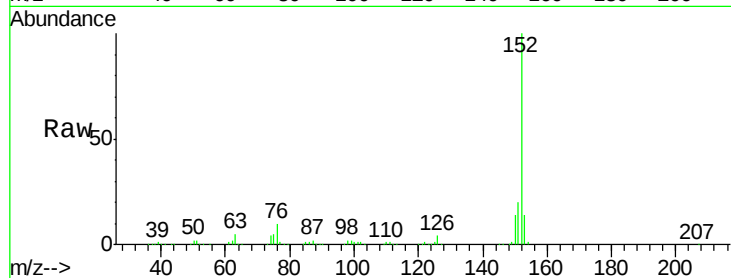




#48
Acenaphthylene
Concen: 37.12 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

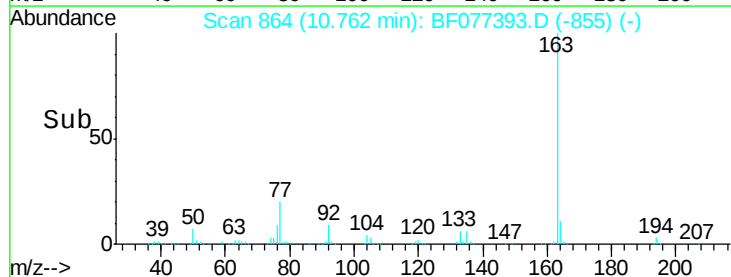
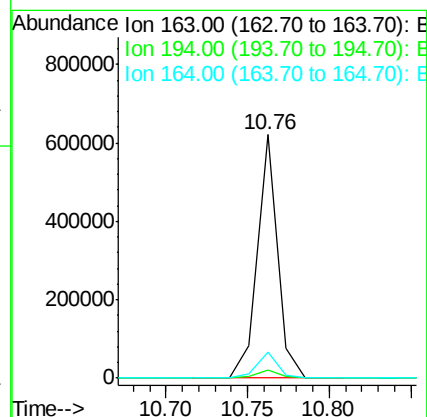
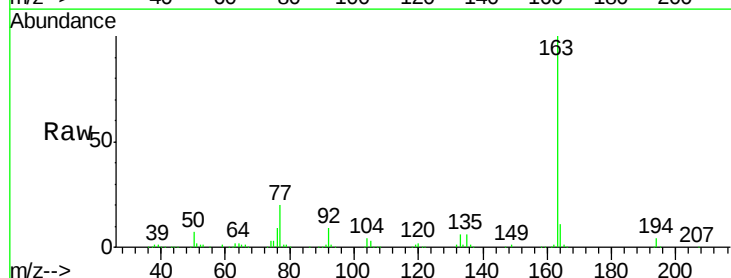
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

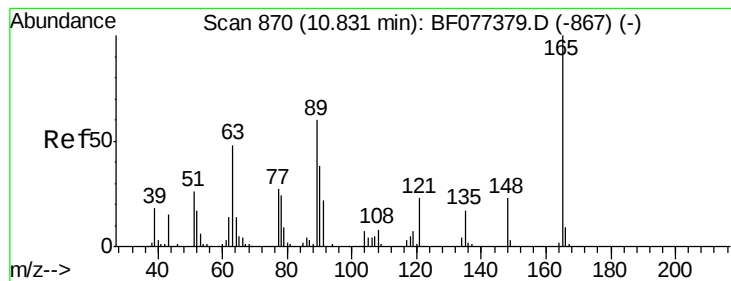
Tgt Ion:152 Resp: 709189
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.5 10.9 16.3



#49
Dimethylphthalate
Concen: 37.51 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion:163 Resp: 535560
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.7 8.6 13.0





#50

2,6-Dinitrotoluene

Concen: 37.73 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

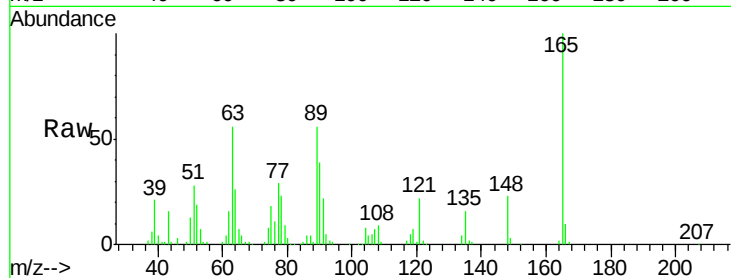
Tgt Ion:165 Resp: 108018

Ion Ratio Lower Upper

165 100

63 56.4 25.2 37.8#

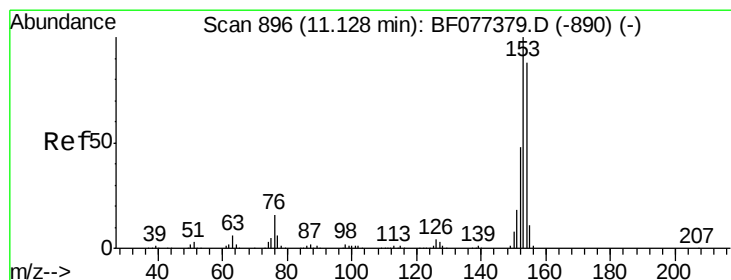
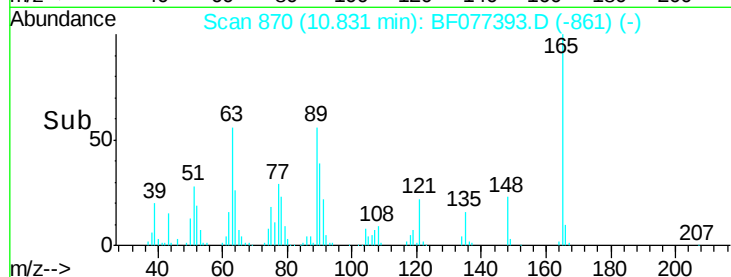
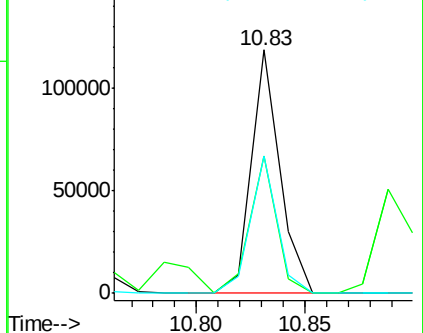
89 56.3 30.5 45.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 36.48 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

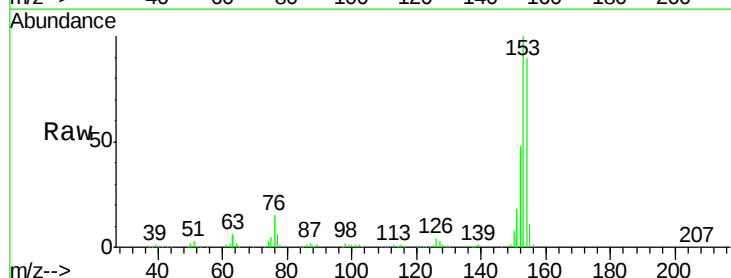
Tgt Ion:154 Resp: 415845

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

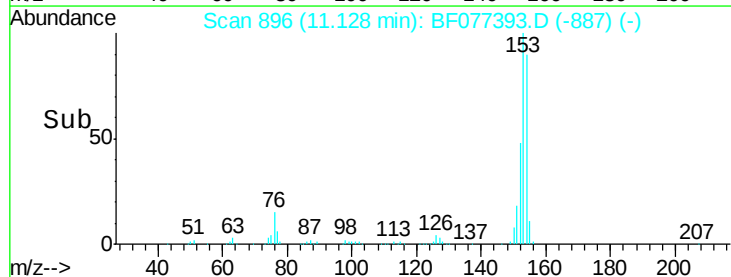
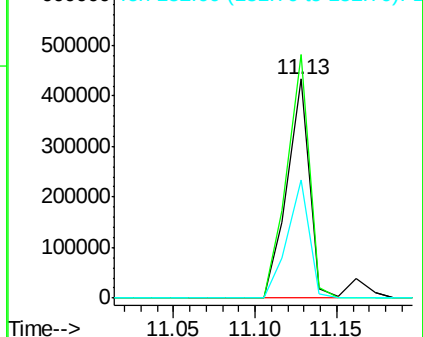
152 53.7 43.5 65.3

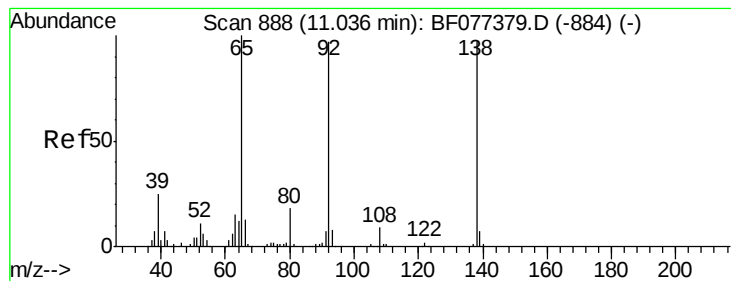


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 25.71 ng

RT: 11.04 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

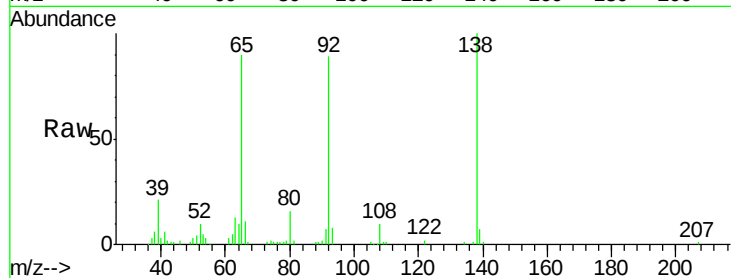
Tgt Ion:138 Resp: 84867

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.8

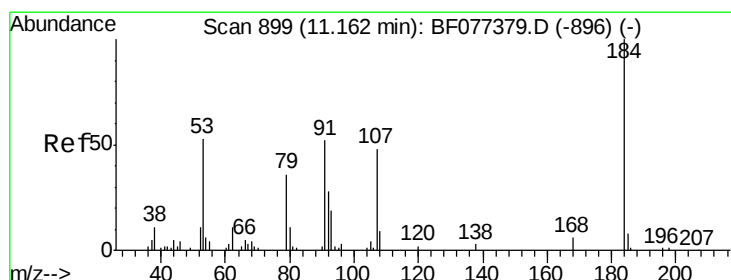
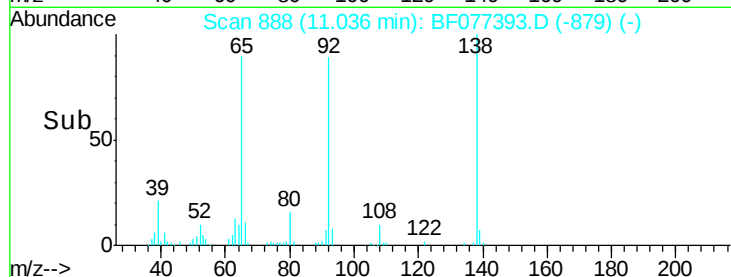
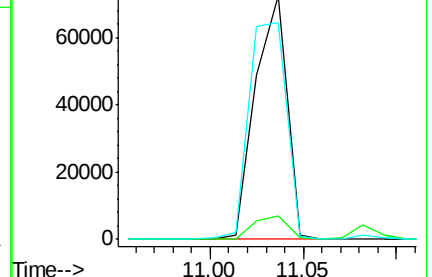
92 88.8 90.6 135.8#



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: 67.27 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

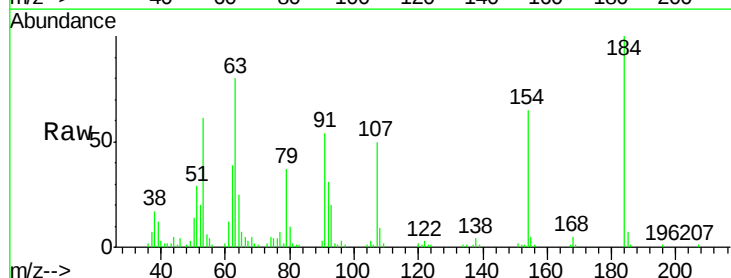
Tgt Ion:184 Resp: 58600

Ion Ratio Lower Upper

184 100

63 79.5 29.5 44.3#

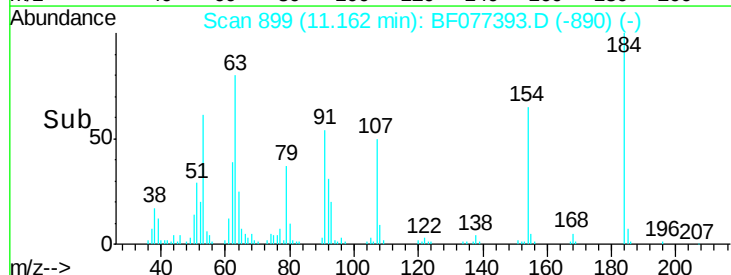
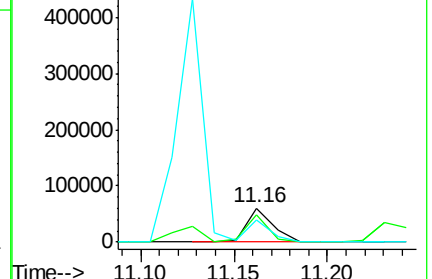
154 65.1 43.2 64.8#

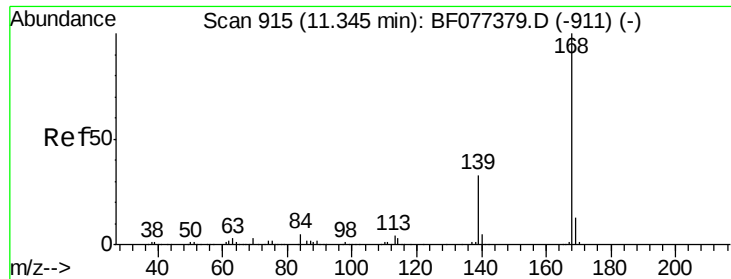


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

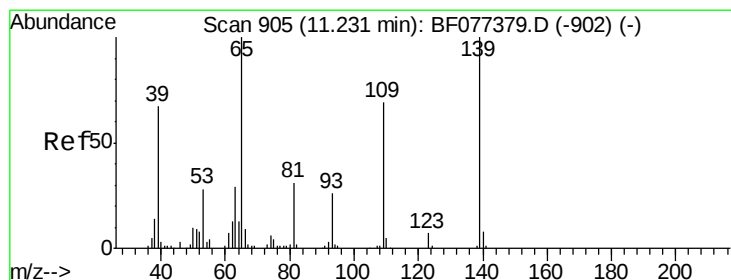
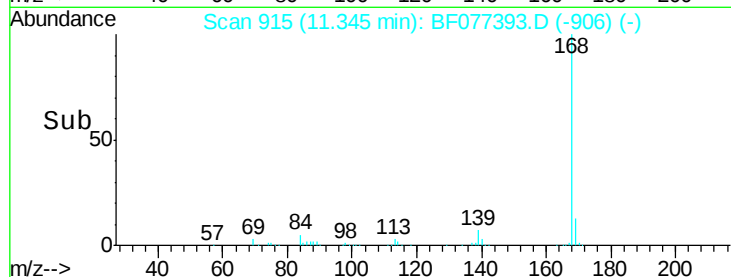
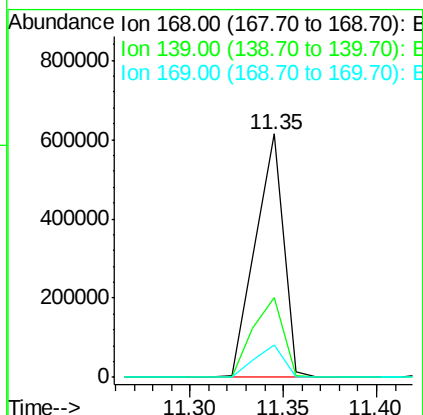
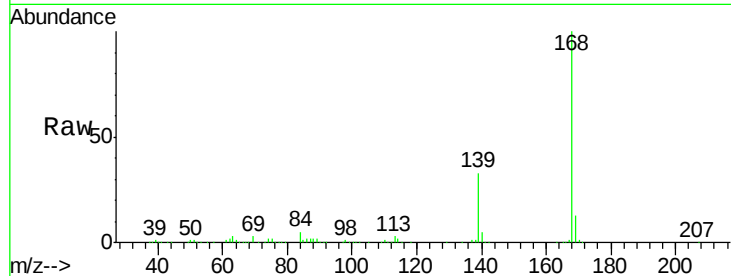




#54
Dibenzenofuran
Concen: 36.49 ng
RT: 11.35 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

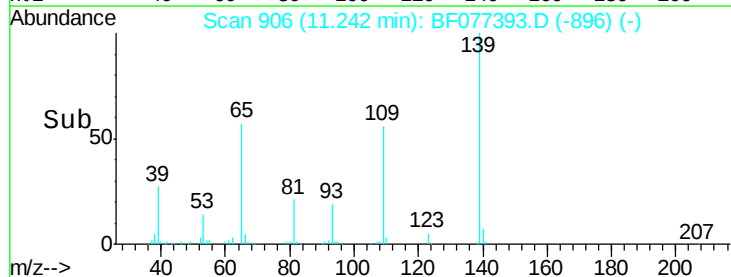
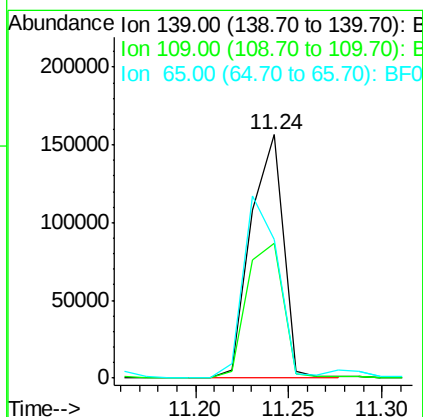
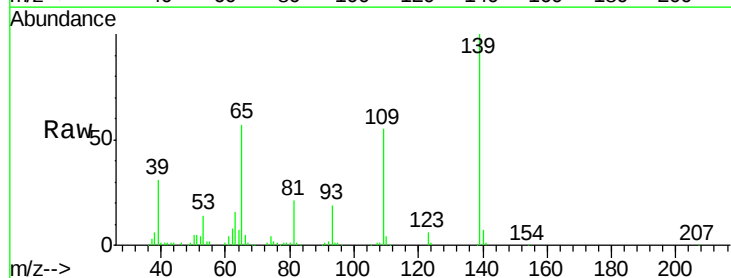
Instrument :
BNA_F
ClientSampleId :
PB81820BSD

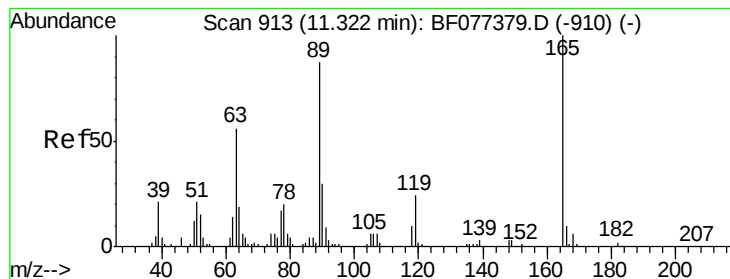
Tgt Ion:168 Resp: 642214
Ion Ratio Lower Upper
168 100
139 32.8 29.3 43.9
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 71.38 ng
RT: 11.24 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion:139 Resp: 189509
Ion Ratio Lower Upper
139 100
109 55.1 36.2 76.2
65 57.1 40.3 80.3





#56

2,4-Dinitrotoluene

Concen: 37.30 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

Tgt Ion:165 Resp: 144283

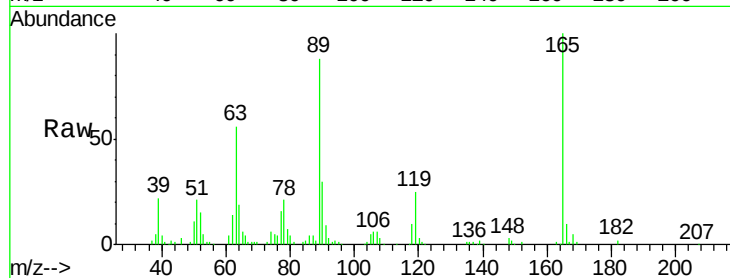
Ion Ratio Lower Upper

165 100

63 56.3 29.8 44.8#

89 88.2 48.5 72.7#

182 2.4 1.9 2.9

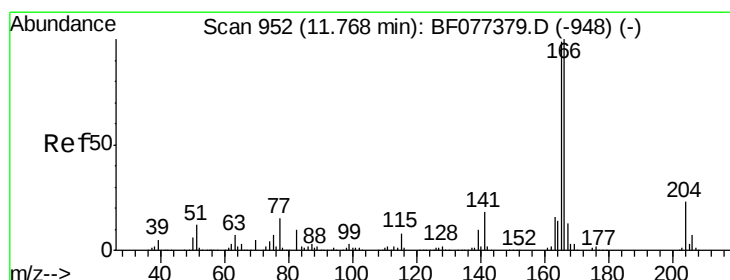
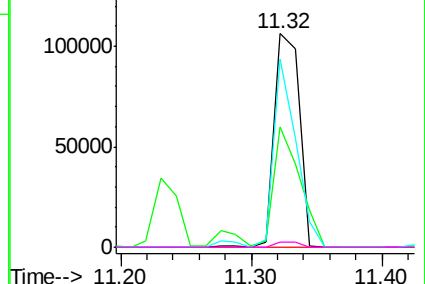
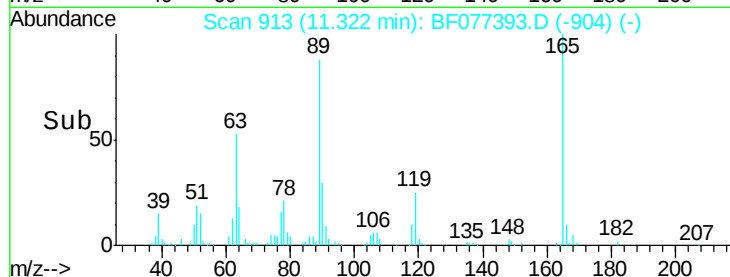


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.55 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

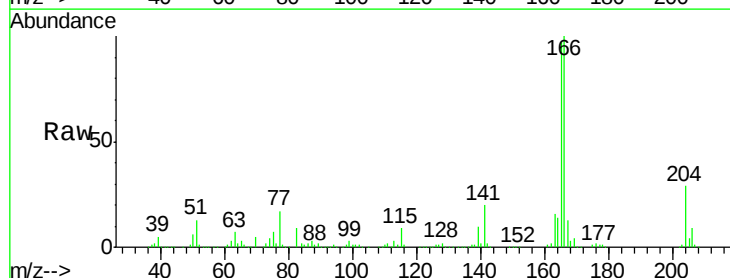
Tgt Ion:166 Resp: 514345

Ion Ratio Lower Upper

166 100

165 97.5 77.6 116.4

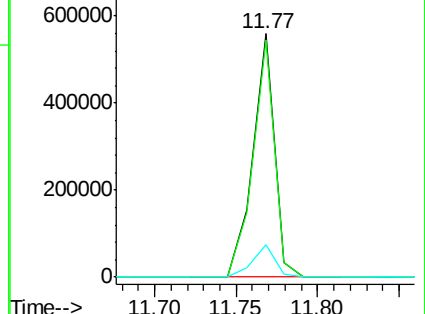
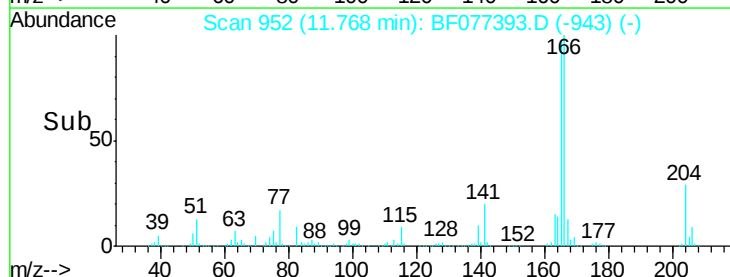
167 13.4 10.6 16.0



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

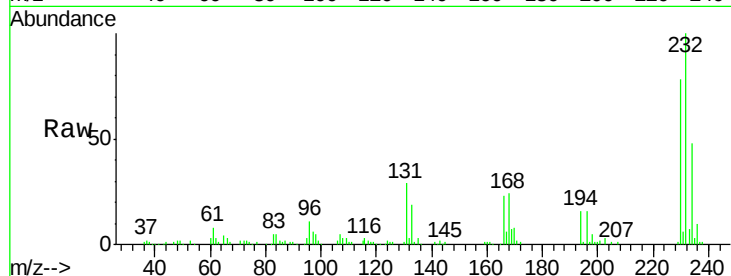




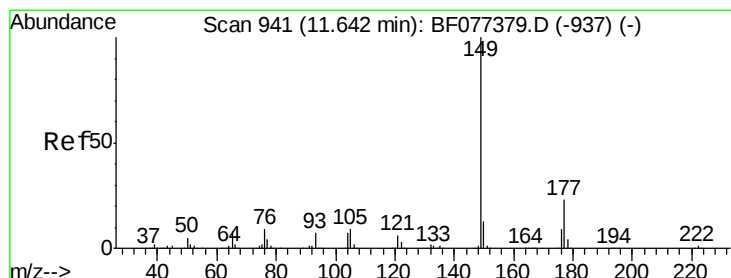
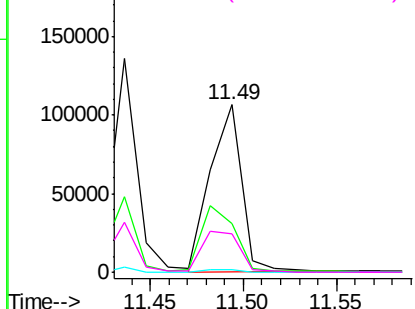
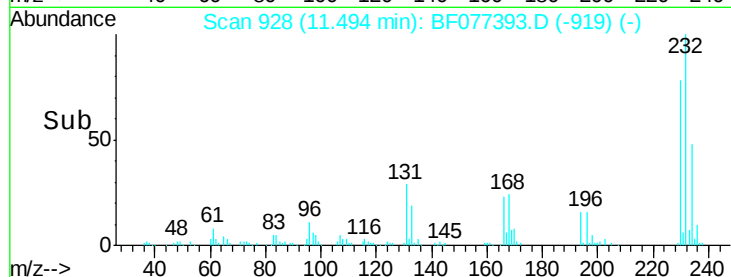
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.38 ng
 RT: 11.49 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

Tgt Ion:232 Resp: 124018
 Ion Ratio Lower Upper
 232 100
 131 42.9 34.2 51.2
 130 2.0 1.8 2.6
 166 30.1 24.3 36.5

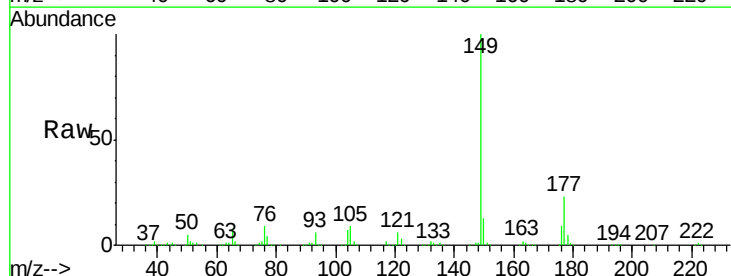


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

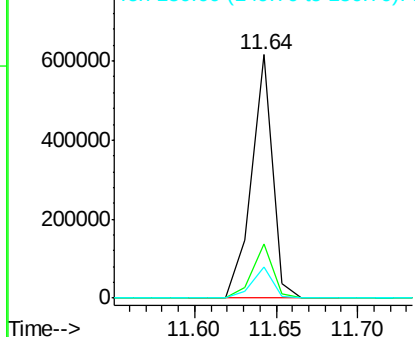
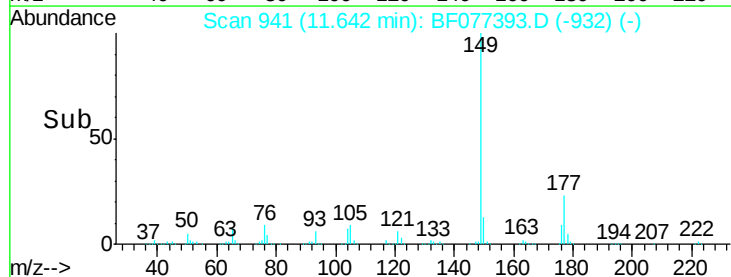


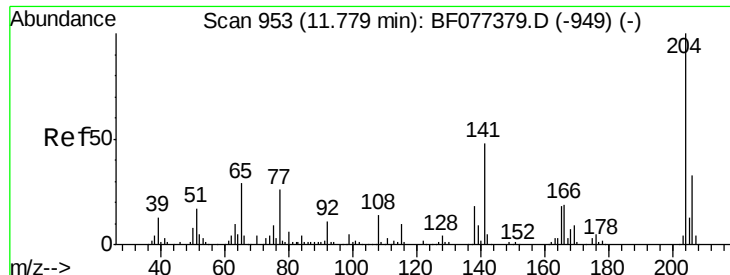
#59
 Diethylphthalate
 Concen: 39.02 ng
 RT: 11.64 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:149 Resp: 549232
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.2 25.8
 150 12.6 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

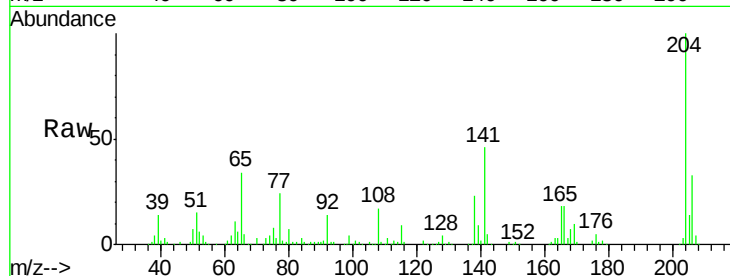




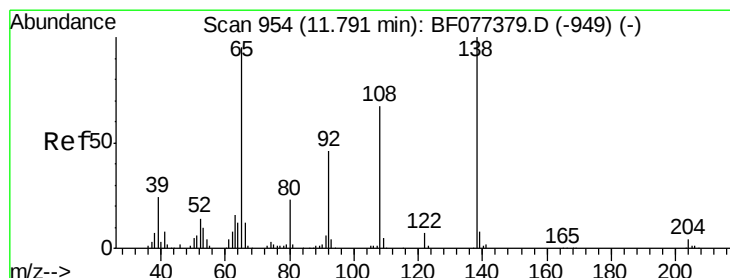
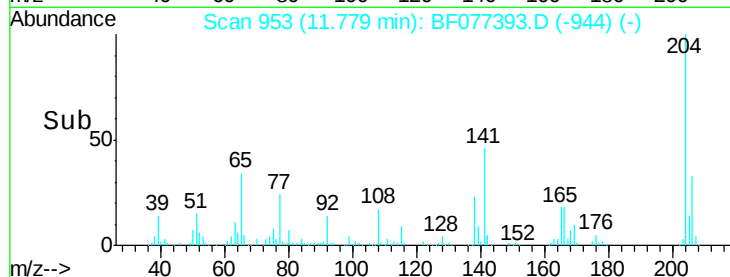
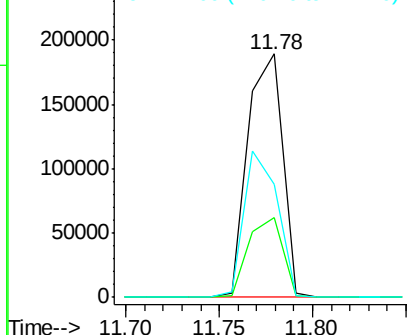
#60
 4-Chlorophenyl-phenylether
 Concen: 36.07 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

Tgt Ion:204 Resp: 244594
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.9 38.9
 141 46.4 43.6 65.4

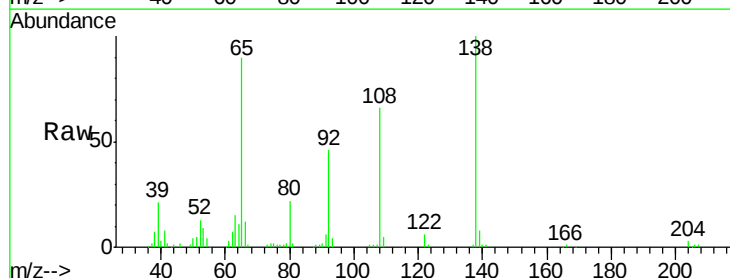


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

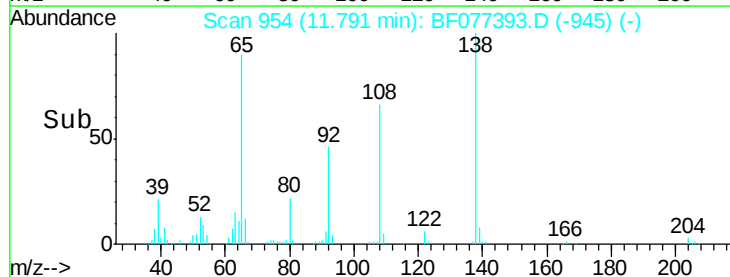
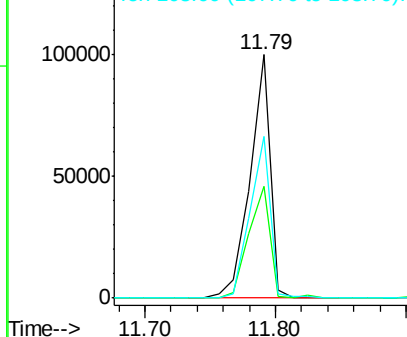


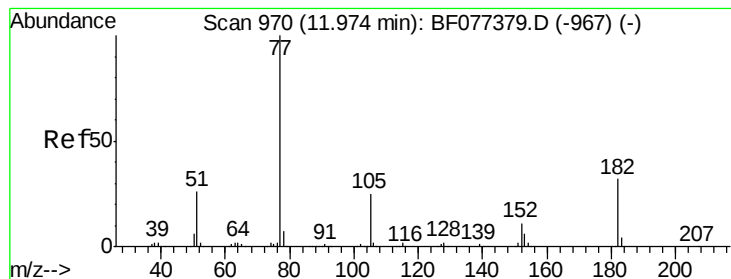
#61
 4-Nitroaniline
 Concen: 34.03 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:138 Resp: 107667
 Ion Ratio Lower Upper
 138 100
 92 46.0 32.8 72.8
 108 66.2 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 35.90 ng

RT: 11.97 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

Tgt Ion: 77 Resp: 479357

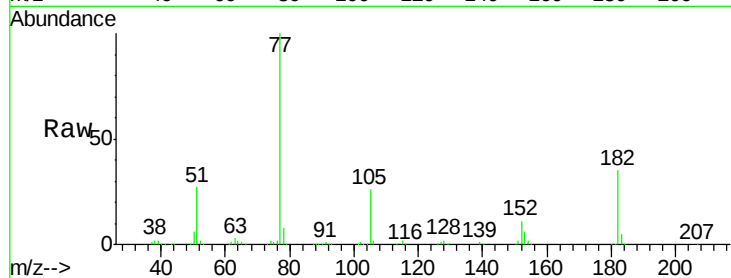
Ion Ratio Lower Upper

77 100

182 34.7 4.9 44.9

105 25.9 3.3 43.3

51 26.9 8.9 48.9

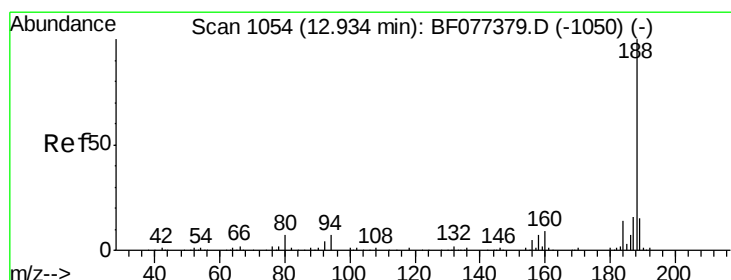
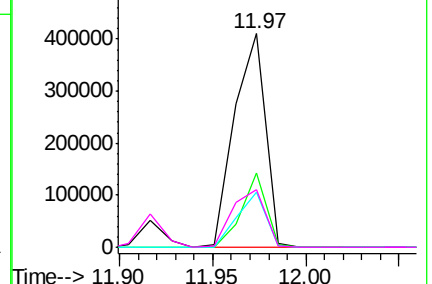
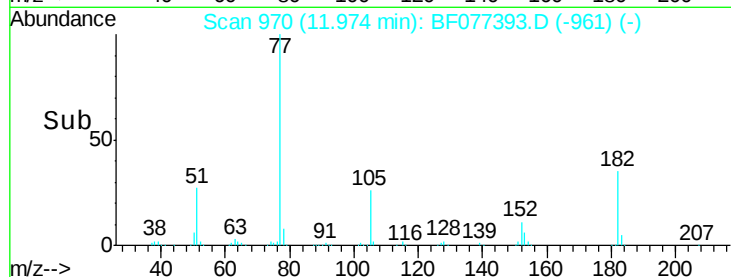


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.93 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

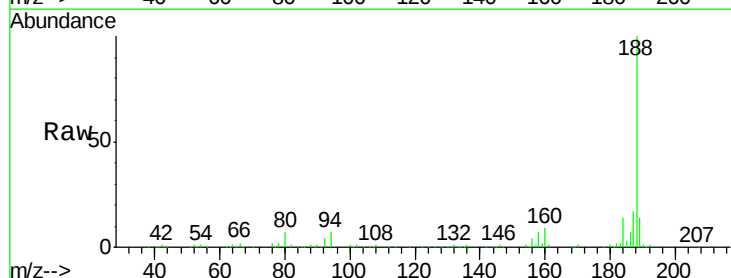
Tgt Ion: 188 Resp: 395438

Ion Ratio Lower Upper

188 100

94 6.8 7.4 11.2#

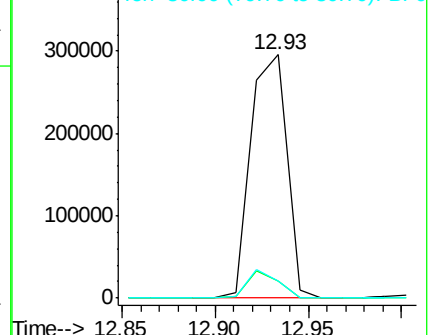
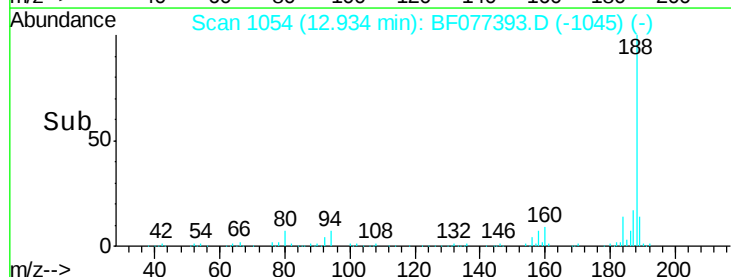
80 7.2 8.0 12.0#

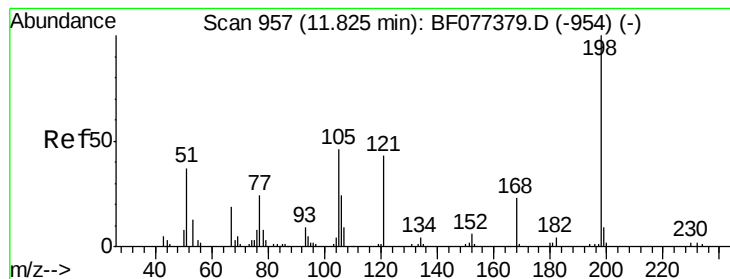


Abundance Ion 188.00 (187.70 to 188.70): E

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: 30.55 ng

RT: 11.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

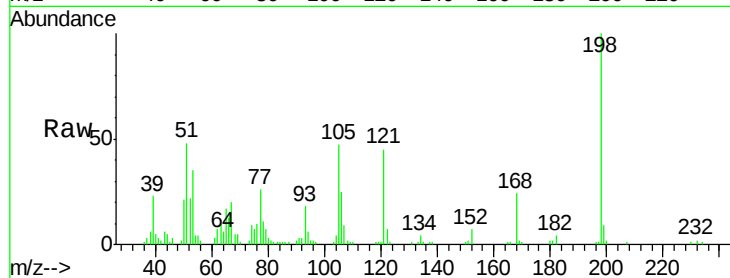
Tgt Ion:198 Resp: 45887

Ion Ratio Lower Upper

198 100

51 48.4 2.7 42.7#

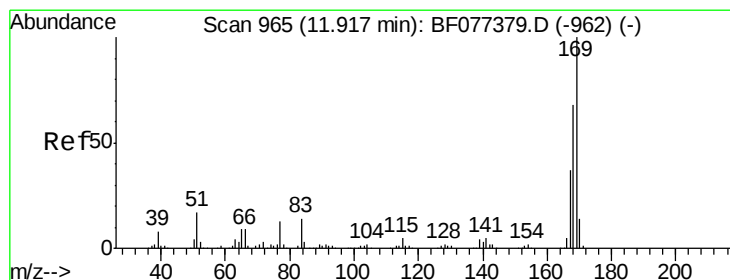
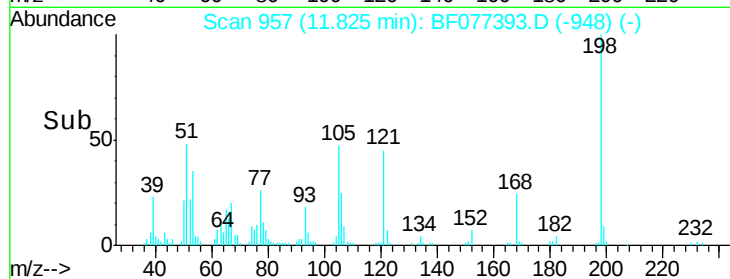
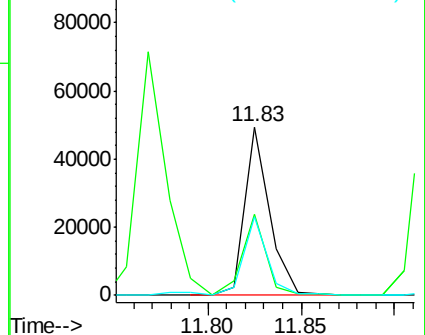
105 46.7 10.0 50.0



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: 32.61 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

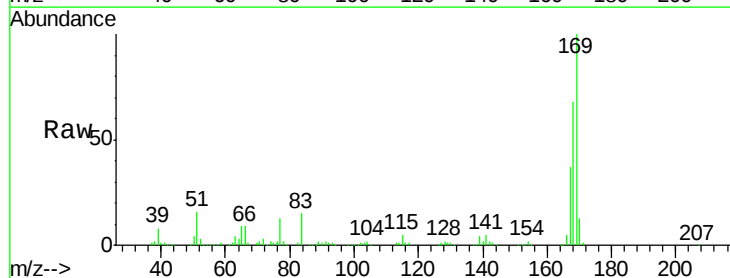
Tgt Ion:169 Resp: 427830

Ion Ratio Lower Upper

169 100

168 67.5 53.0 79.6

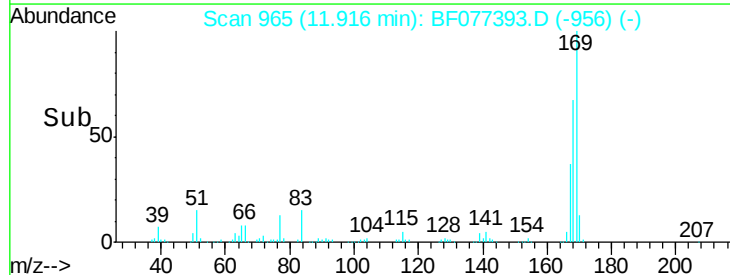
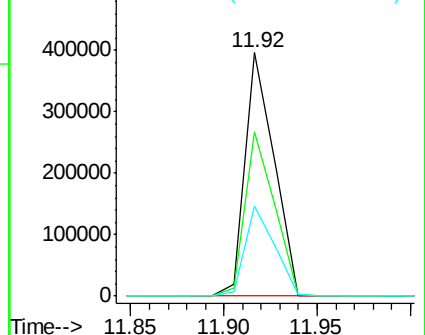
167 37.1 29.5 44.3

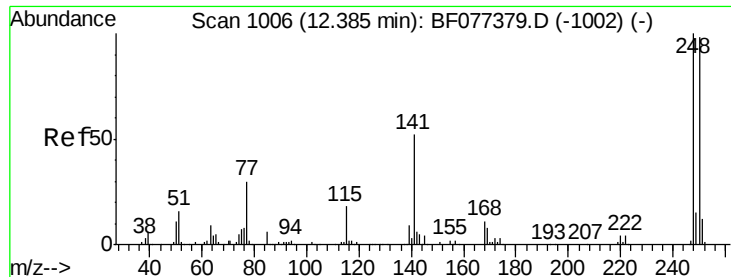


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

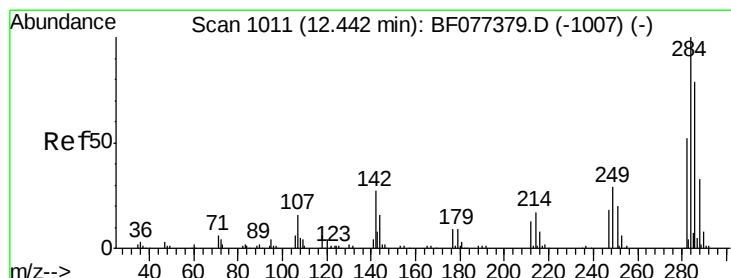
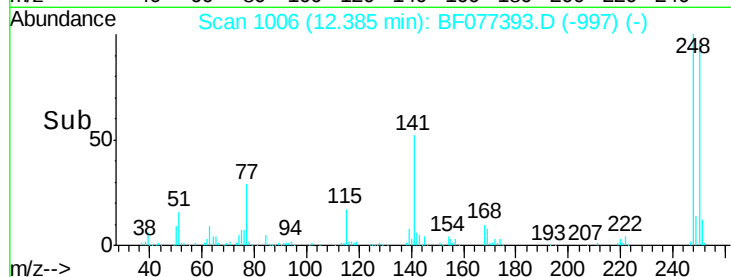
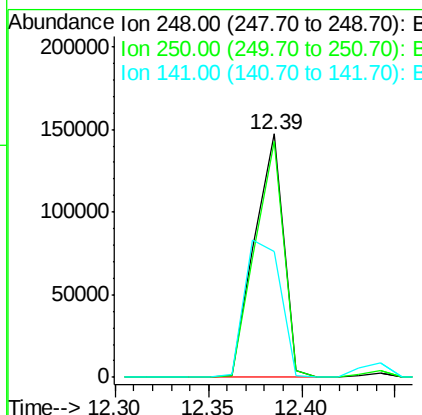
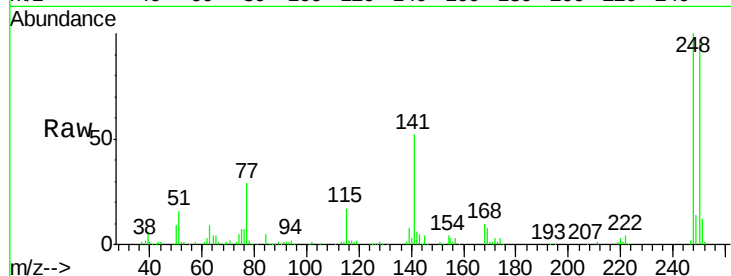




#66
 4-Bromophenyl-phenylether
 Concen: 34.04 ng
 RT: 12.39 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

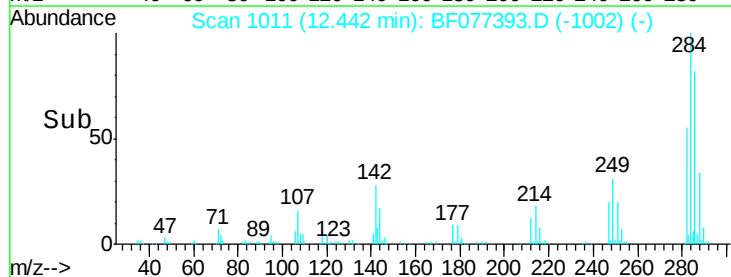
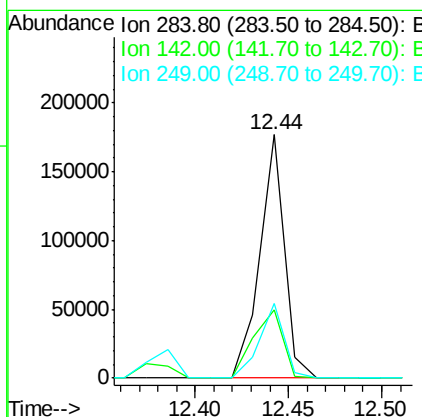
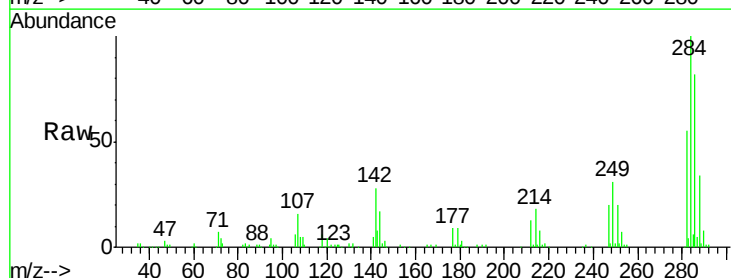
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

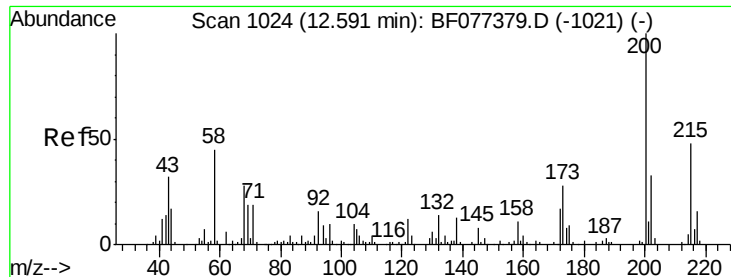
Tgt Ion:248 Resp: 157628
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.0 117.0
 141 51.7 54.1 81.1#



#67
 Hexachlorobenzene
 Concen: 32.89 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:284 Resp: 163490
 Ion Ratio Lower Upper
 284 100
 142 28.2 31.6 47.4#
 249 30.7 27.0 40.4

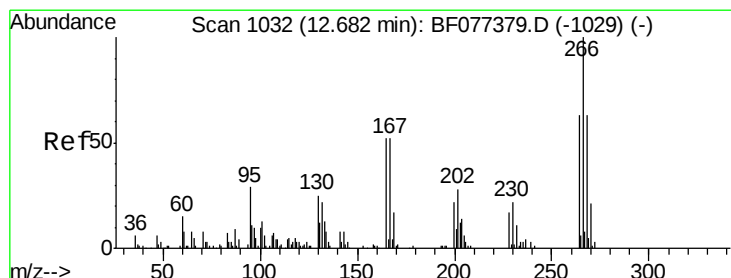
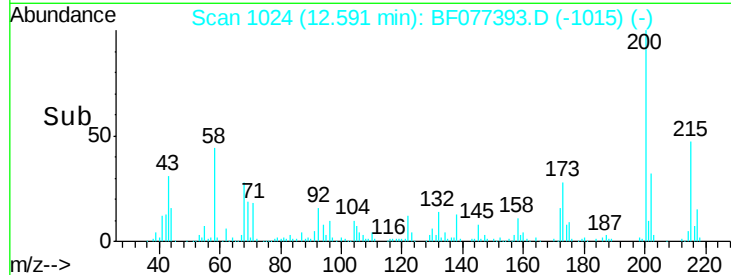
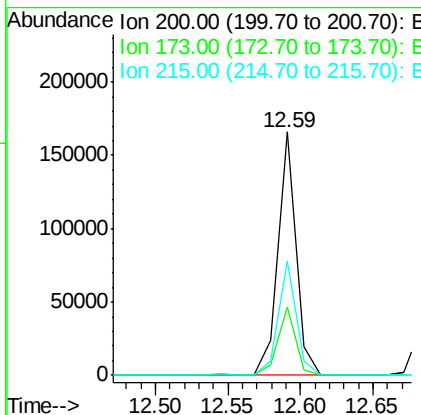
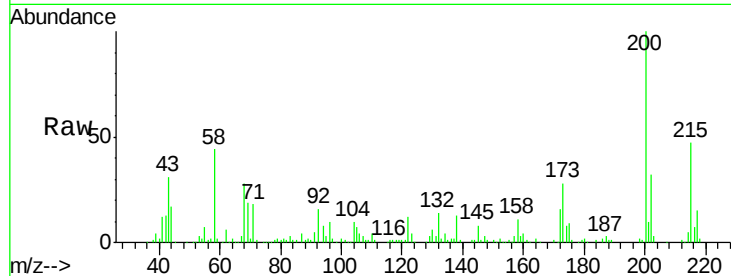




#68
 Atrazine
 Concen: 33.81 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

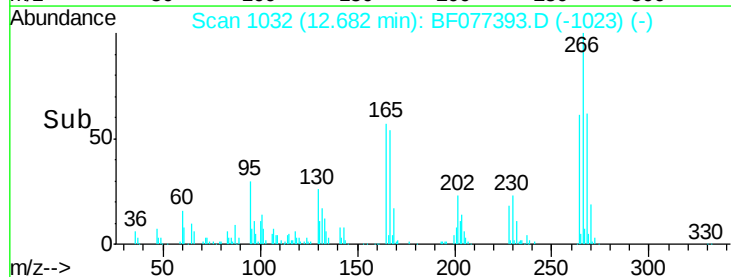
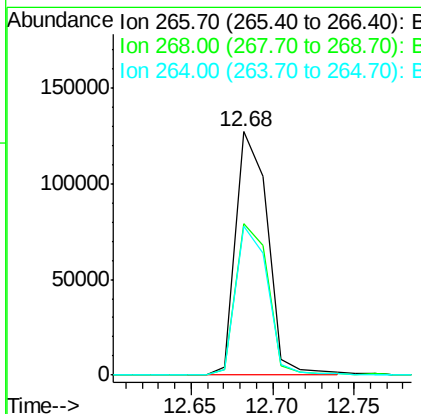
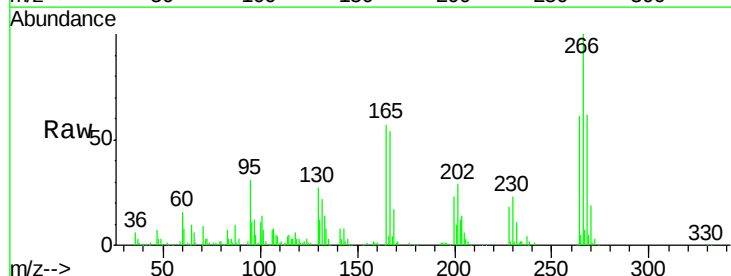
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

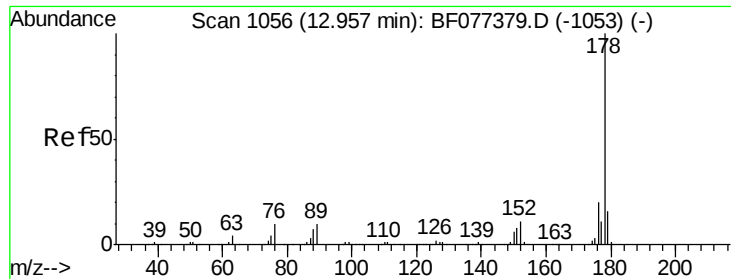
Tgt Ion:200 Resp: 144235
 Ion Ratio Lower Upper
 200 100
 173 28.1 9.6 49.6
 215 46.9 24.4 64.4



#69
 Pentachlorophenol
 Concen: 65.57 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:266 Resp: 171285
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.2 76.8
 264 61.3 50.7 76.1





#70

Phenanthrene

Concen: 31.94 ng

RT: 12.96 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

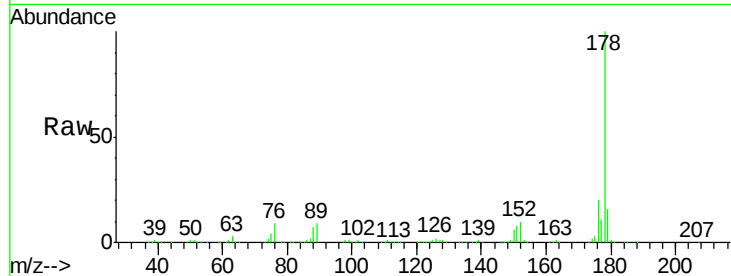
Tgt Ion:178 Resp: 731961

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

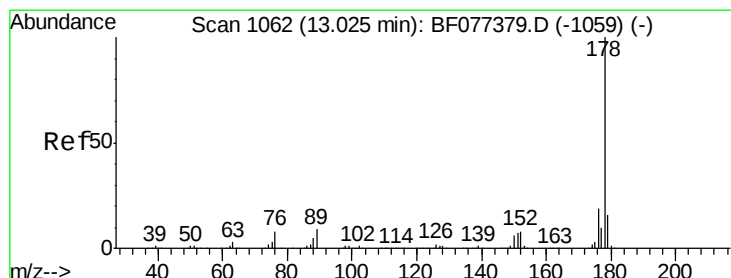
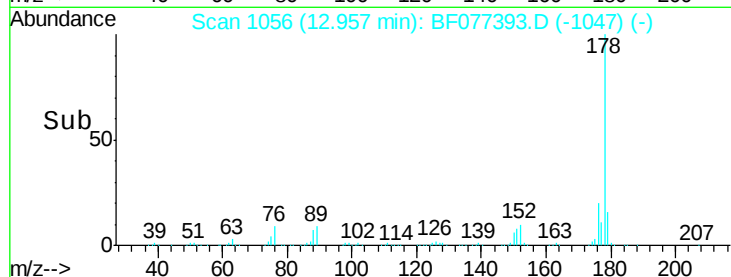
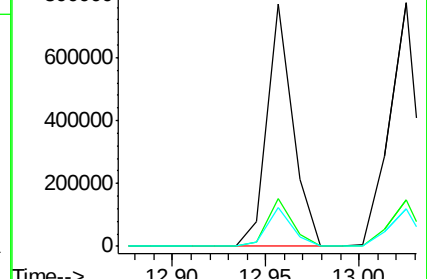
179 15.8 12.2 18.2



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: 33.43 ng

RT: 13.03 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

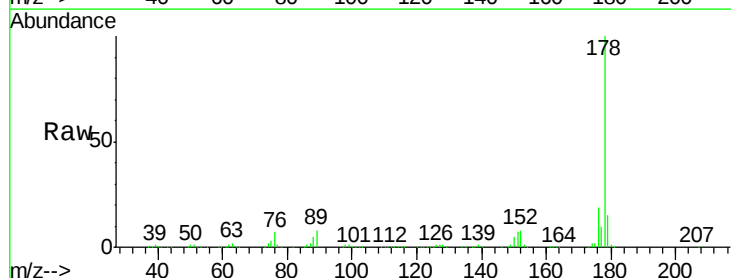
Tgt Ion:178 Resp: 760455

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

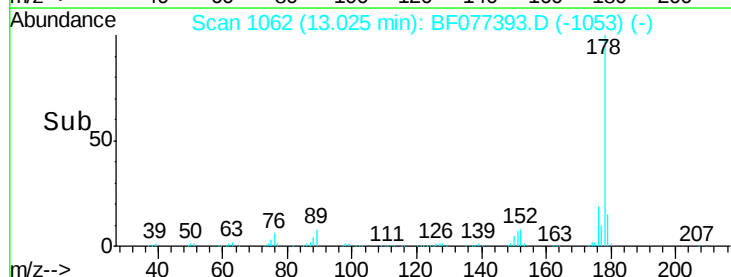
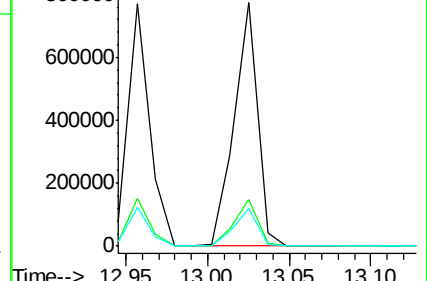
179 15.4 12.9 19.3

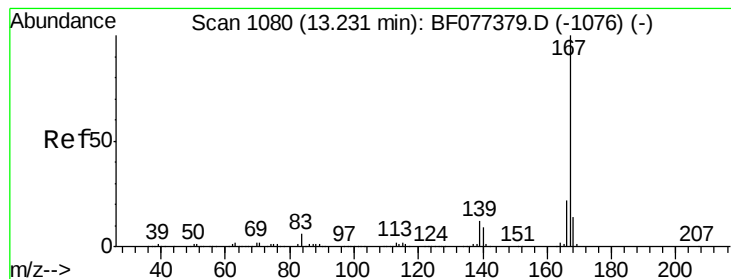


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.70 ng

RT: 13.22 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

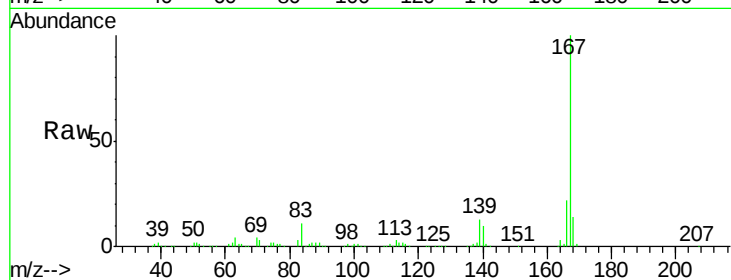
Tgt Ion:167 Resp: 685551

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

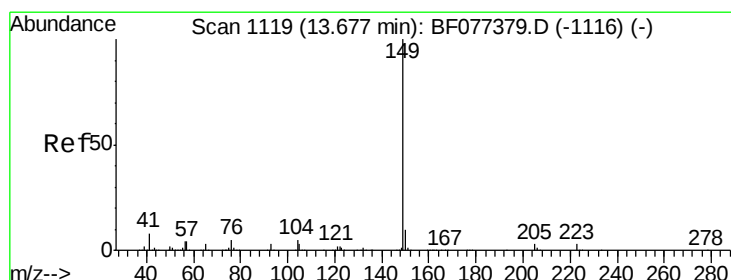
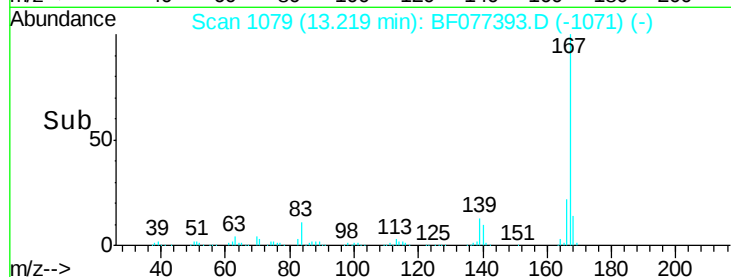
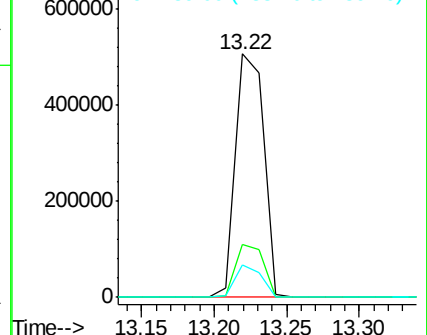
139 13.4 9.9 14.9



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: 34.29 ng

RT: 13.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

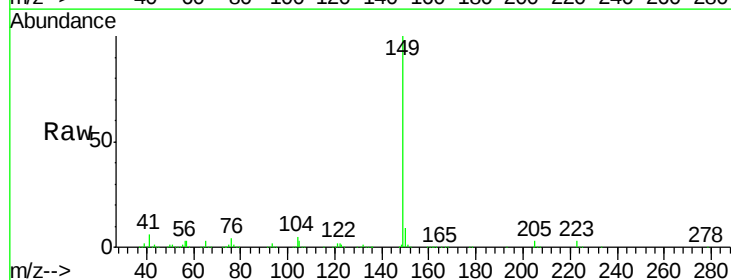
Tgt Ion:149 Resp: 870683

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

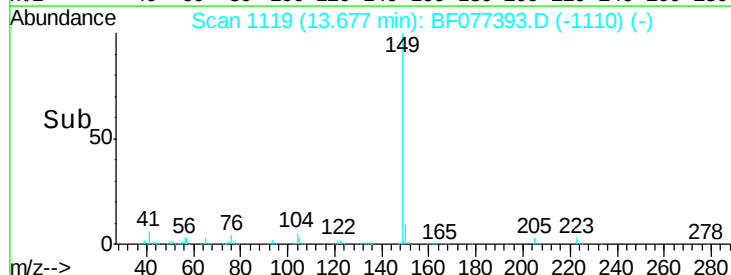
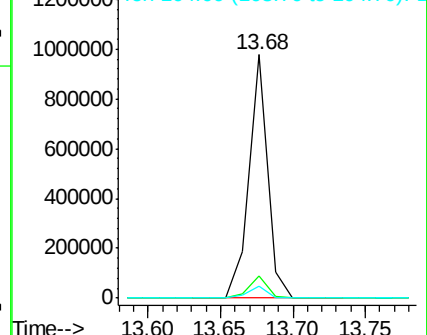
104 4.7 4.1 6.1

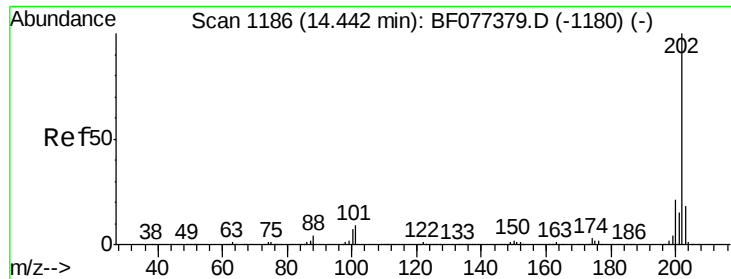


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

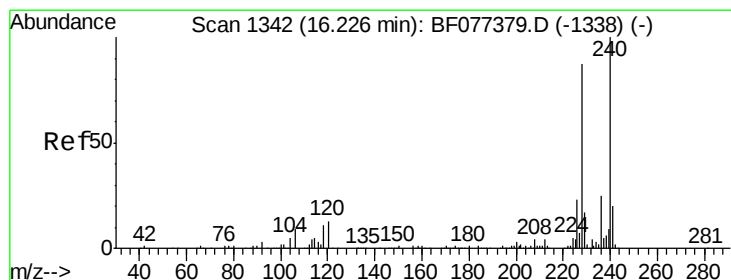
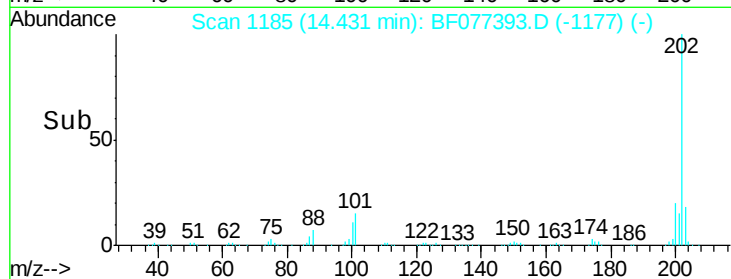
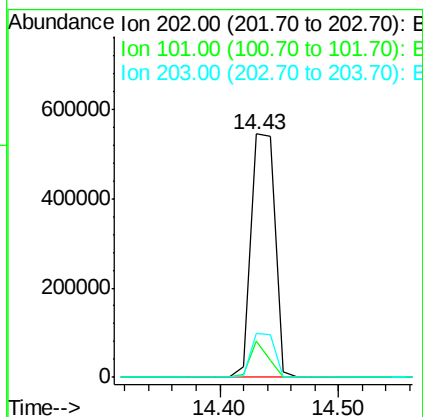
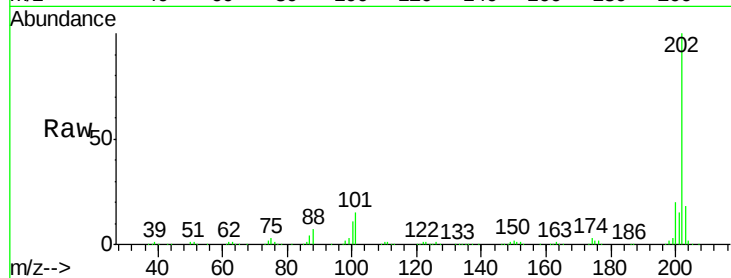




#74
 Fluoranthene
 Concen: 30.79 ng
 RT: 14.43 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

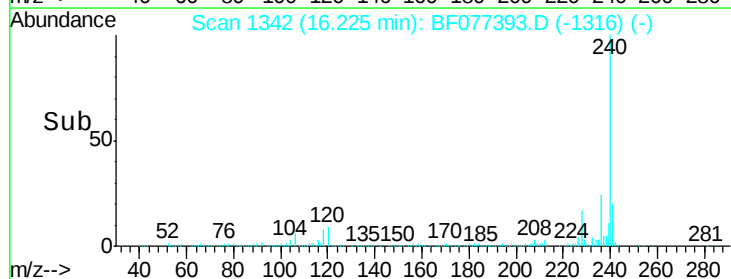
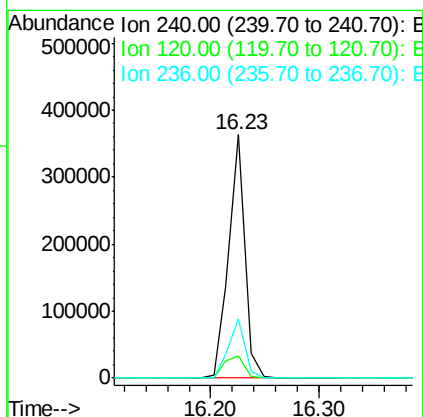
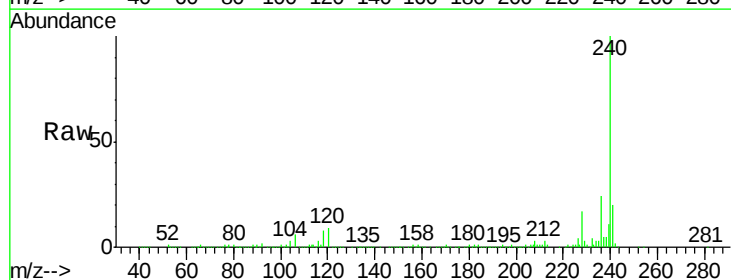
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

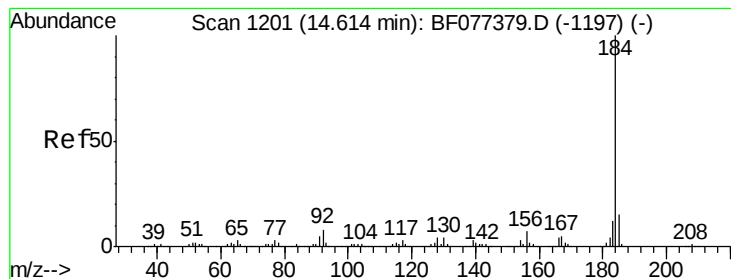
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	30.8
203	18.2	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.8	13.2
236	24.5	20.7	31.1





#76

Benzidine

Concen: 28.41 ng

RT: 14.61 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

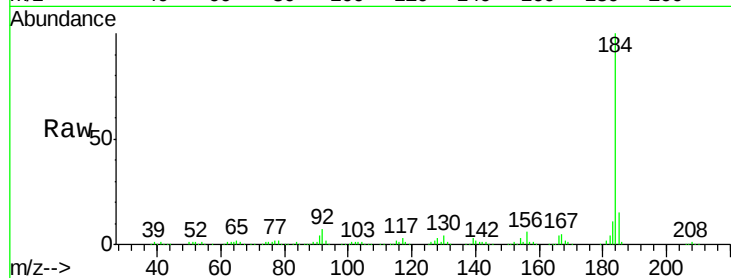
Tgt Ion:184 Resp: 360465

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

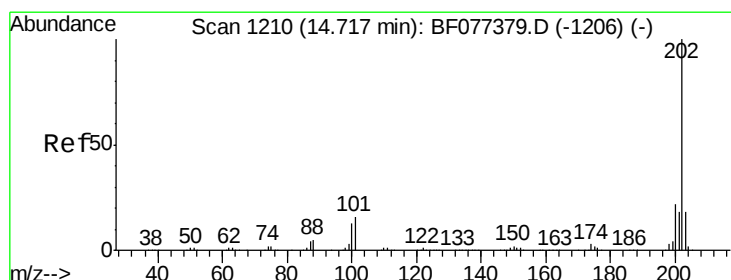
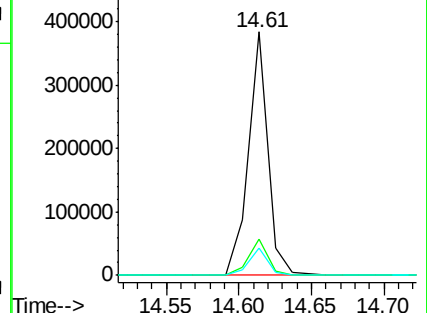
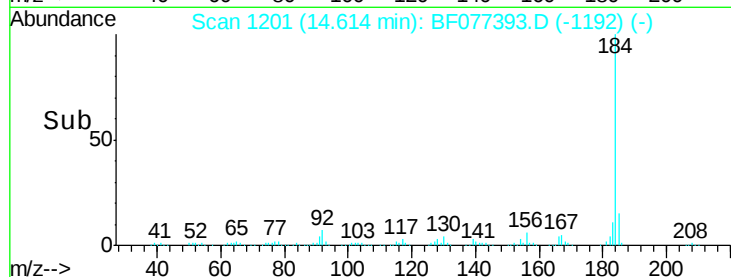
183 11.2 9.3 13.9



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

Pyrene

Concen: 33.85 ng

RT: 14.72 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

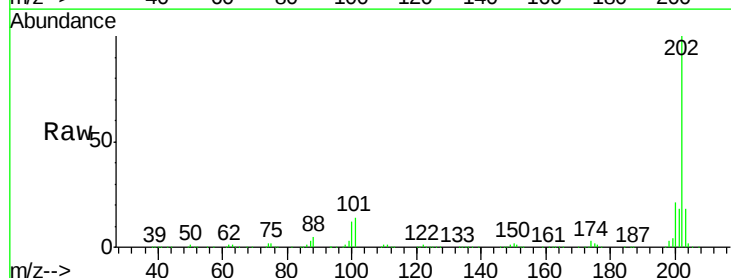
Tgt Ion:202 Resp: 777750

Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

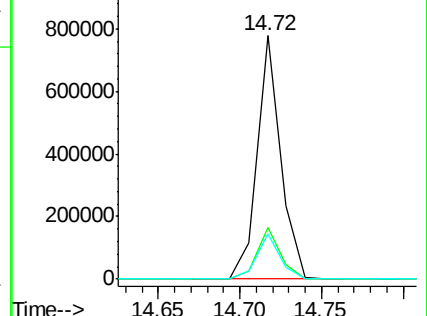
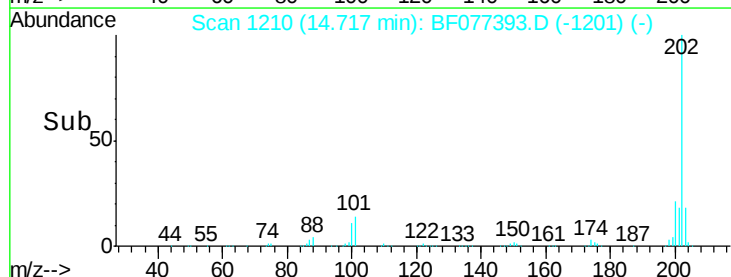
203 18.4 14.2 21.2

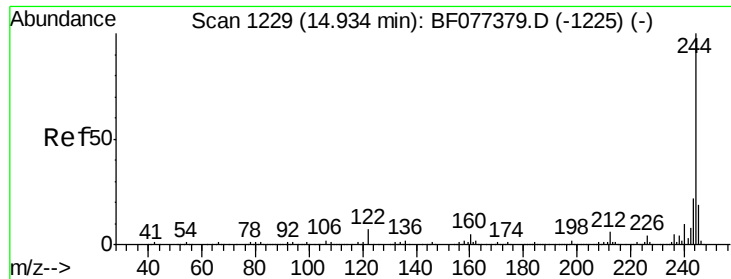


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

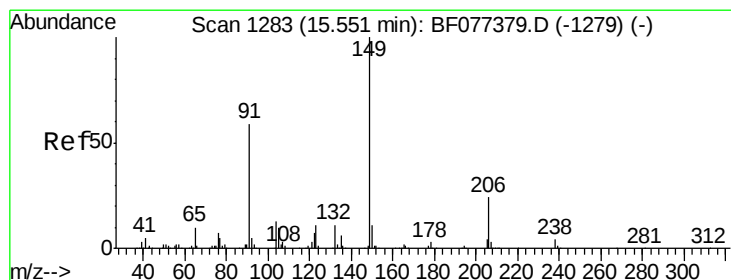
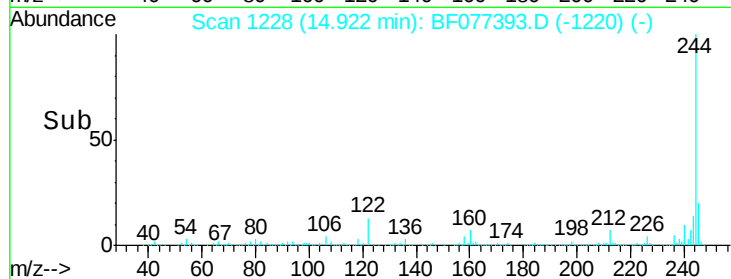
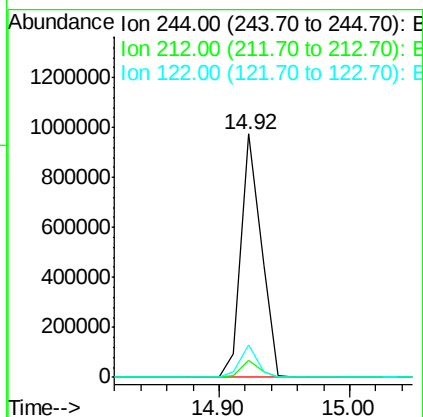
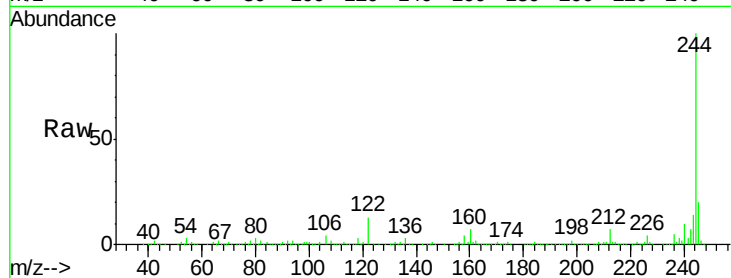




#78
 Terphenyl-d14
 Concen: 65.16 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

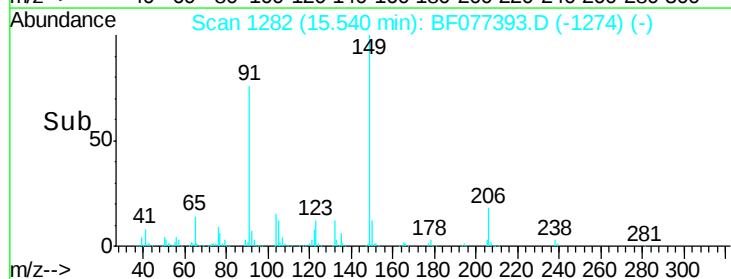
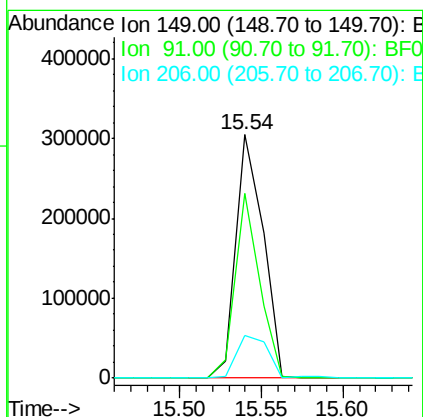
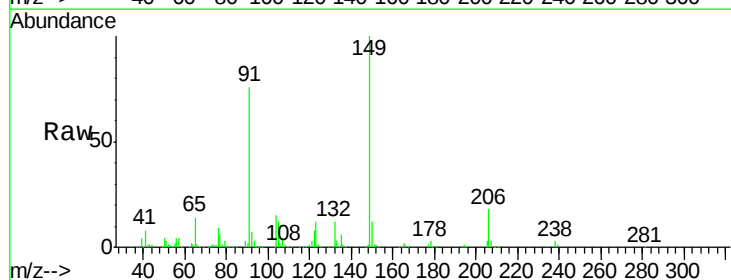
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BSD

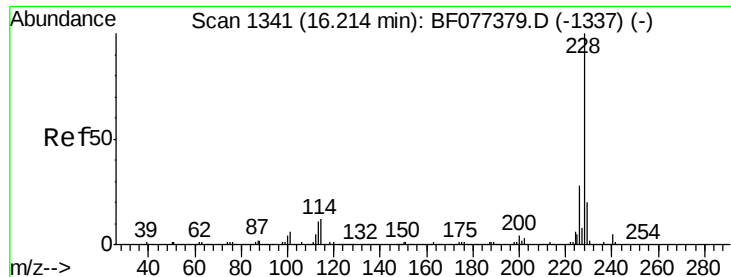
Tgt Ion:244 Resp: 1046876
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 13.4 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 37.06 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF077393.D
 Acq: 20 Feb 2015 20:37

Tgt Ion:149 Resp: 350315
 Ion Ratio Lower Upper
 149 100
 91 75.9 51.2 76.8
 206 17.7 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 32.97 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

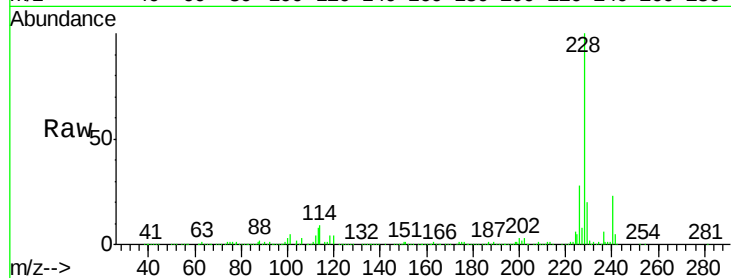
Tgt Ion:228 Resp: 725758

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

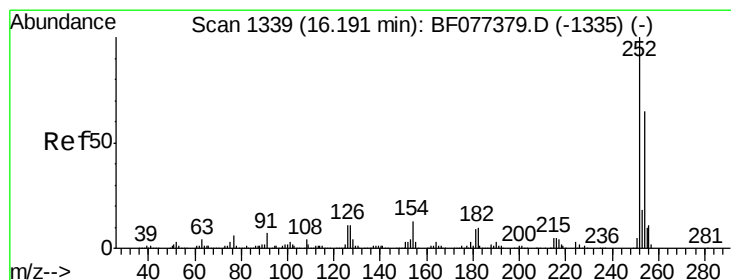
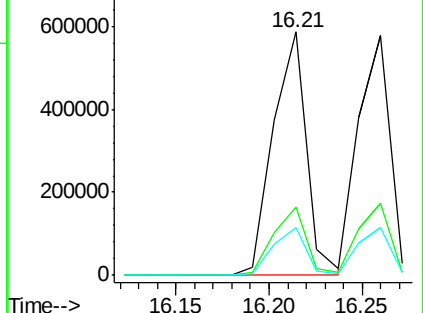
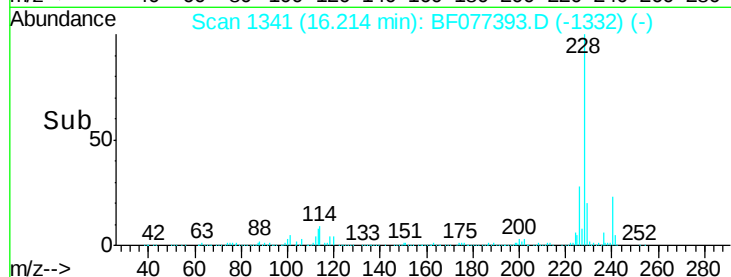
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.08 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

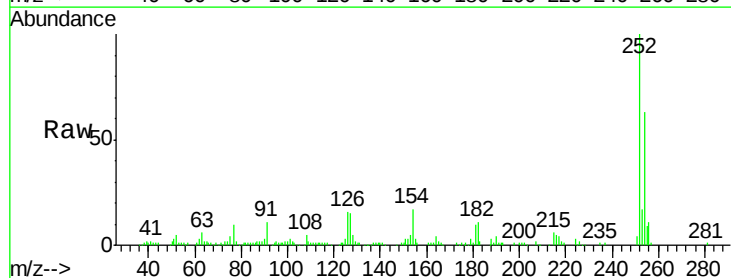
Tgt Ion:252 Resp: 161986

Ion Ratio Lower Upper

252 100

254 63.4 52.9 79.3

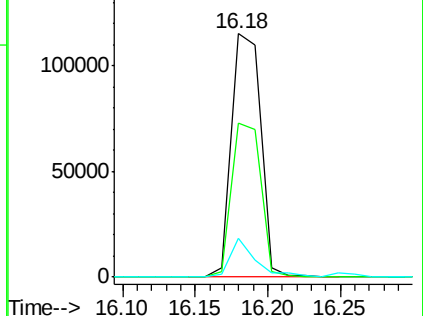
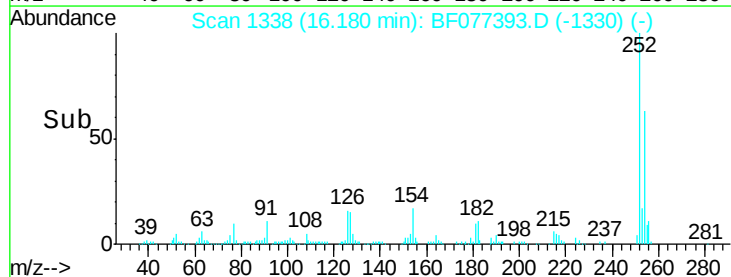
126 16.2 7.3 10.9#

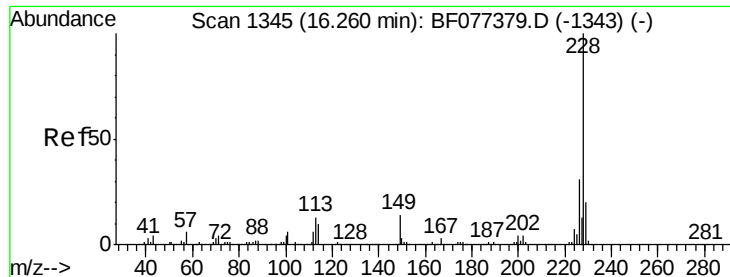


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.85 ng

RT: 16.26 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

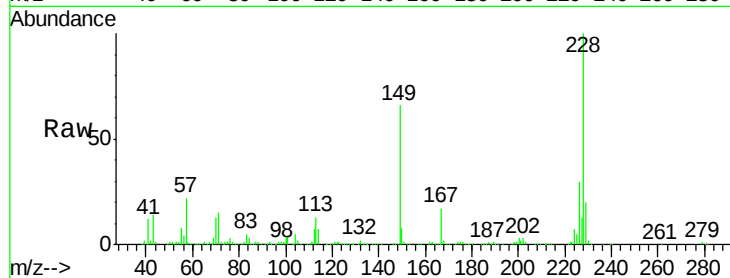
Tgt Ion:228 Resp: 678884

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

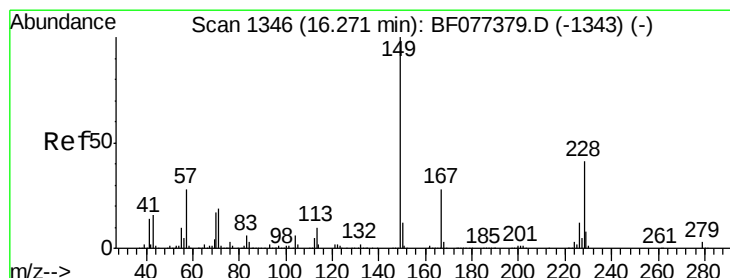
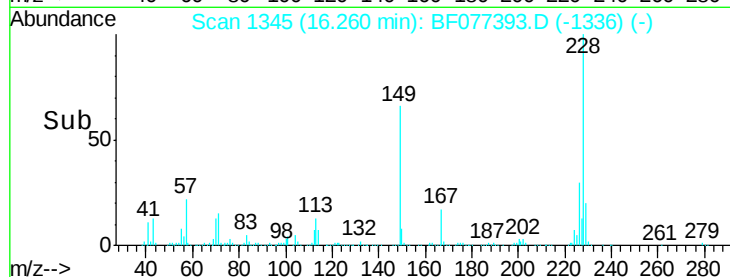
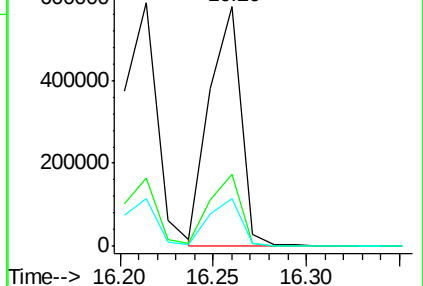
229 19.7 16.4 24.6



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: 34.69 ng

RT: 16.26 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

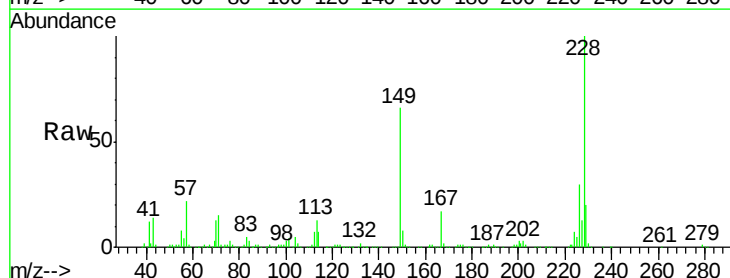
Tgt Ion:149 Resp: 525712

Ion Ratio Lower Upper

149 100

167 25.2 22.8 34.2

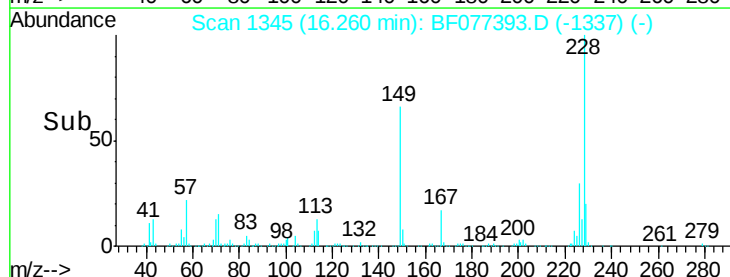
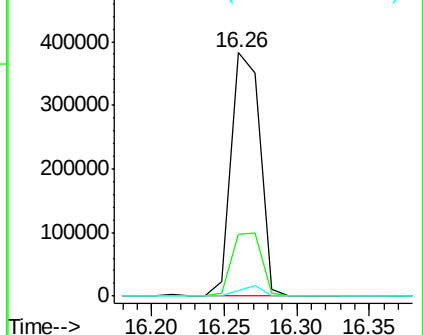
279 2.1 3.8 5.6#

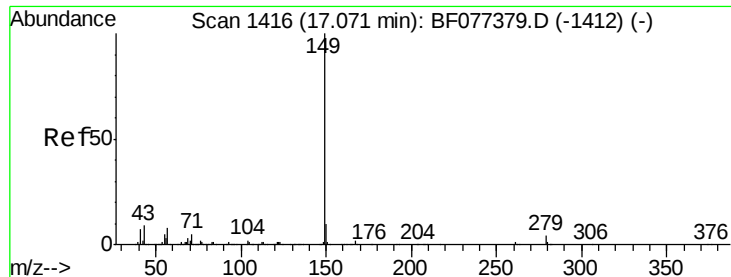


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 35.78 ng

RT: 17.06 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

BNA_F

ClientSampleId :

PB81820BSD

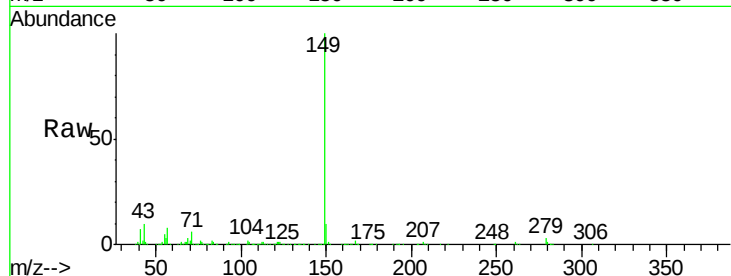
Tgt Ion:149 Resp: 905547

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

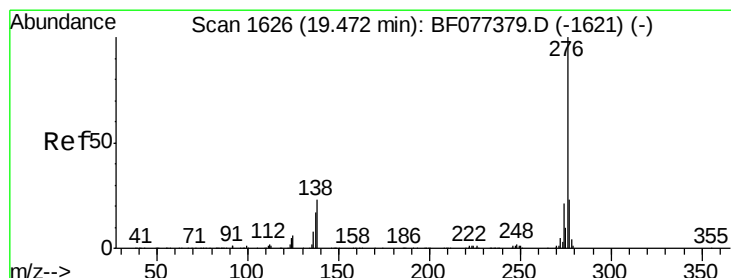
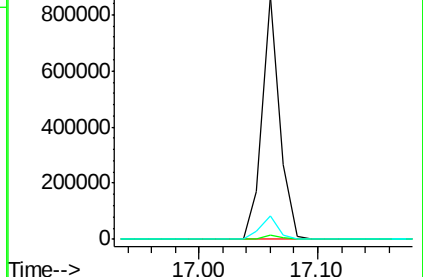
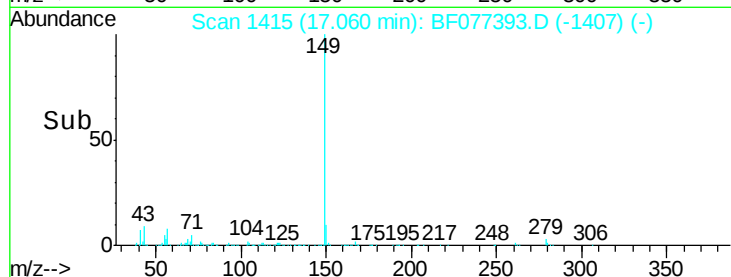
43 9.6 8.1 12.1



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: 31.58 ng

RT: 19.46 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

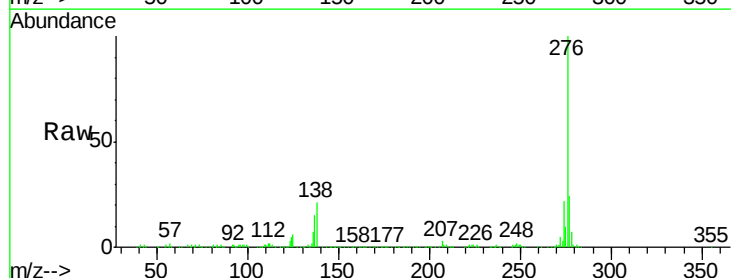
Tgt Ion:276 Resp: 744293

Ion Ratio Lower Upper

276 100

138 26.8 21.2 31.8

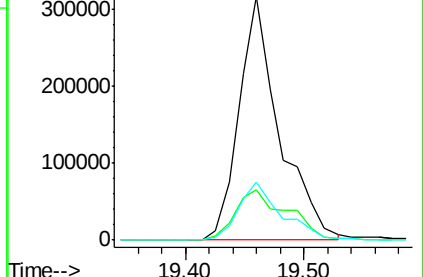
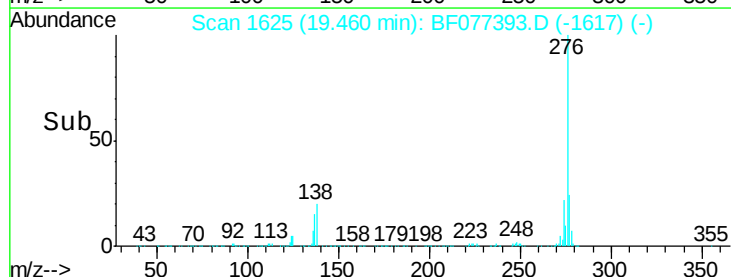
277 25.2 20.0 30.0

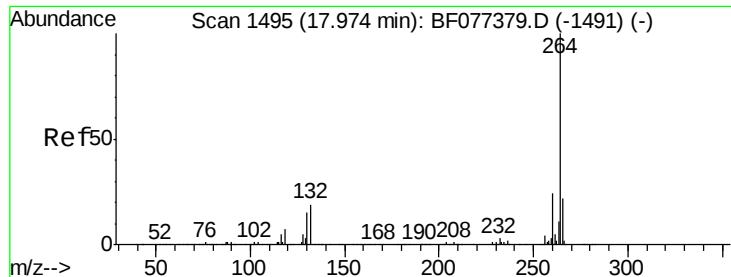


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

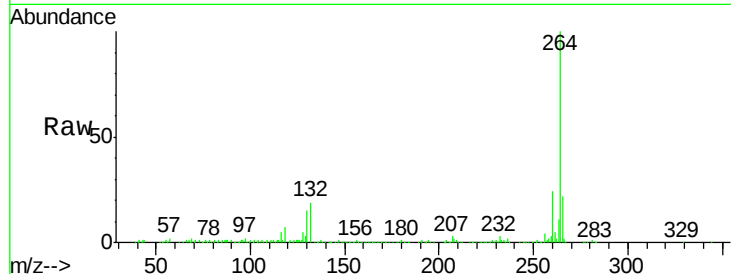




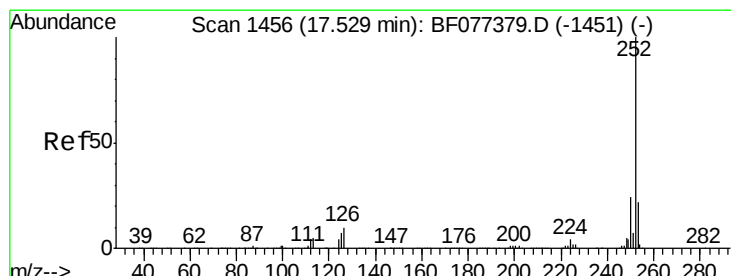
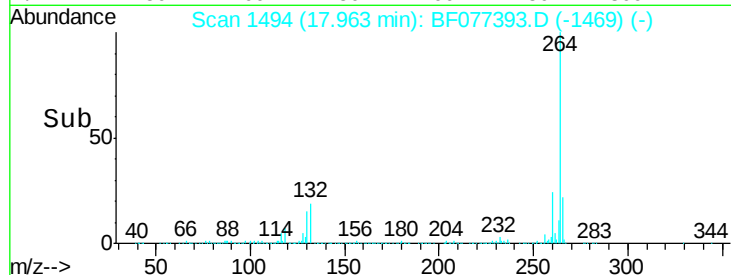
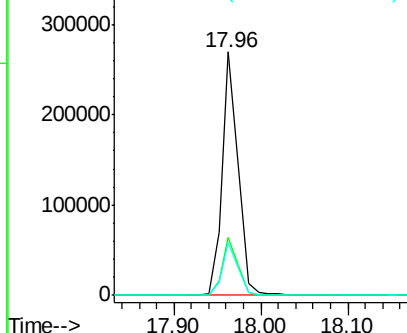
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.96 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion: 264 Resp: 347120
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.7 16.8 25.2

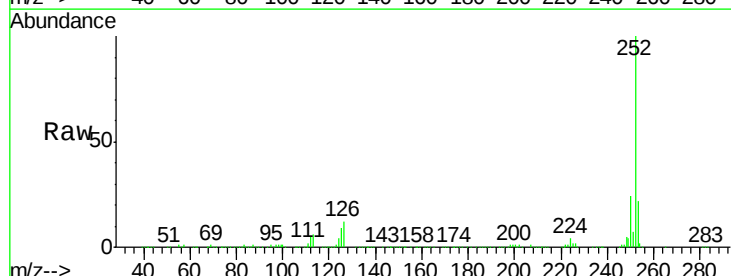


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

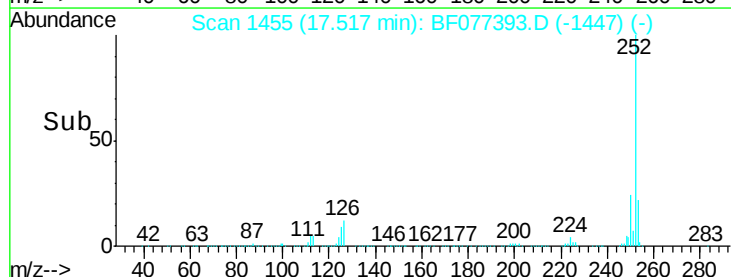
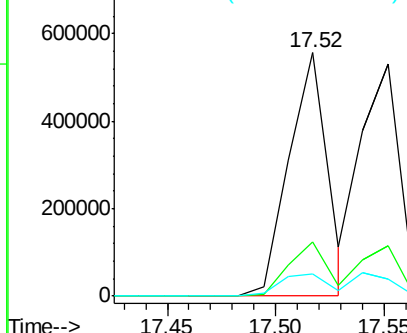


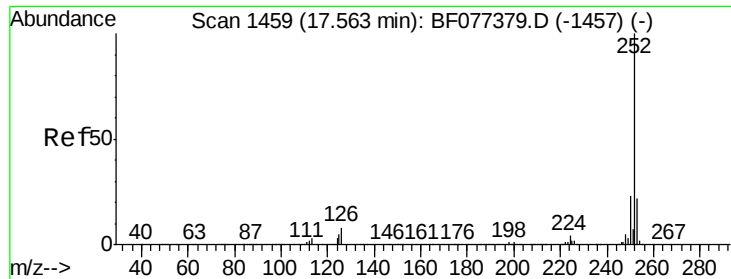
#87
Benzo(b)fluoranthene
Concen: 34.03 ng
RT: 17.52 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion: 252 Resp: 686857
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.3 5.4 8.2#



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

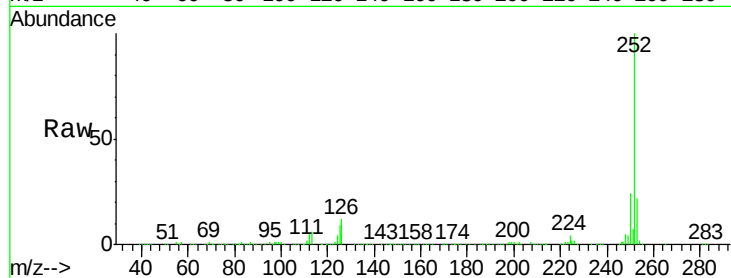




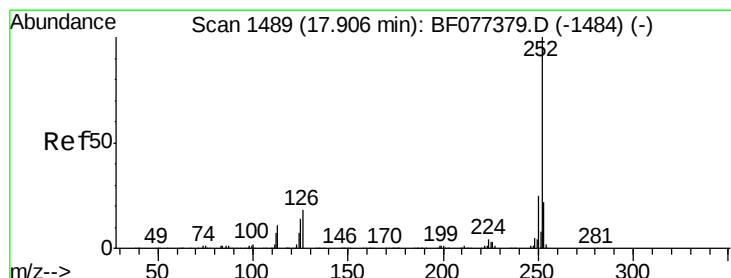
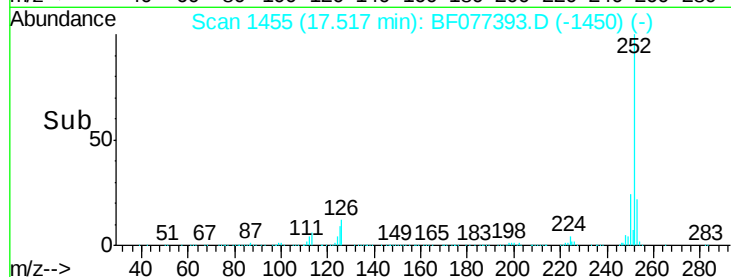
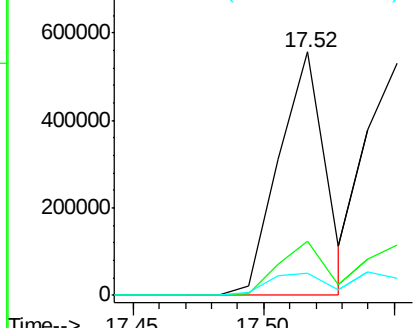
#88
Benzo(k)fluoranthene
Concen: 34.72 ng
RT: 17.52 min Scan# 1455
Delta R.T. -0.05 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Instrument :
BNA_F
ClientSampleId :
PB81820BSD

Tgt Ion:252 Resp: 686824
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.3 10.1 15.1#

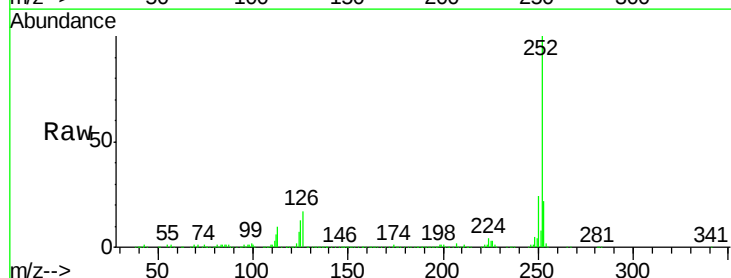


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

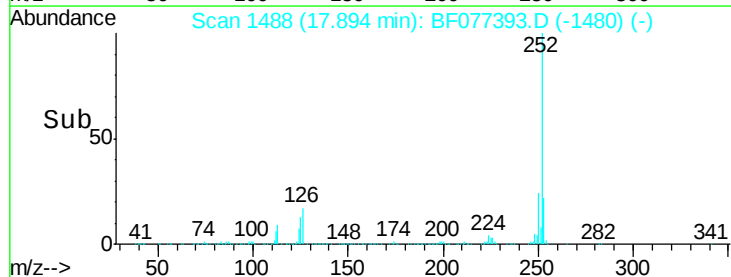
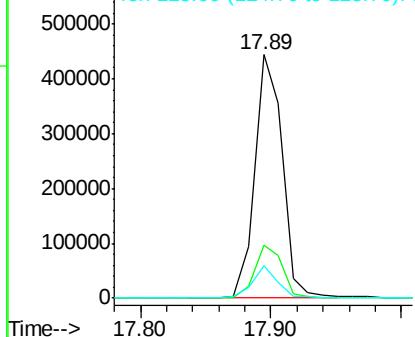


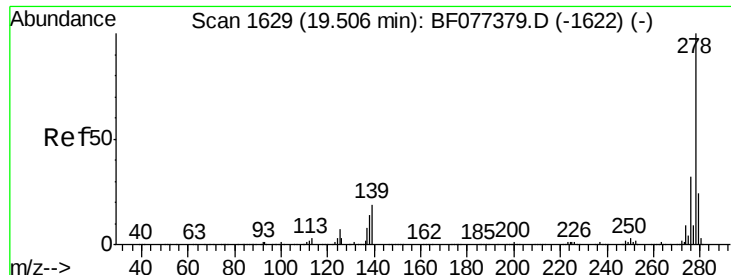
#89
Benzo(a)pyrene
Concen: 33.85 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF077393.D
Acq: 20 Feb 2015 20:37

Tgt Ion:252 Resp: 650815
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 13.5 8.3 12.5#



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





#90

Dibenzo(a,h)anthracene

Concen: 34.14 ng

RT: 19.49 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Instrument :

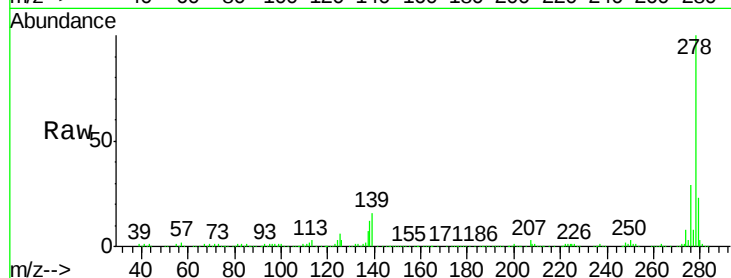
BNA_F

ClientSampleId :

PB81820BSD

Tgt Ion: 278 Resp: 625990

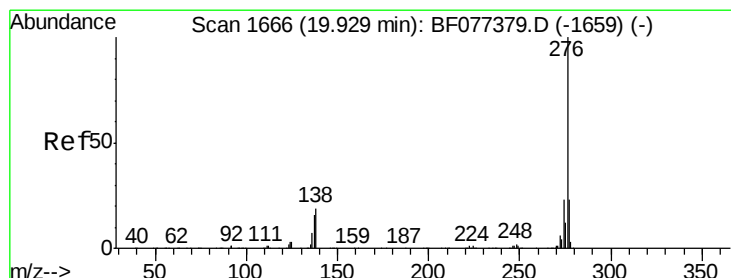
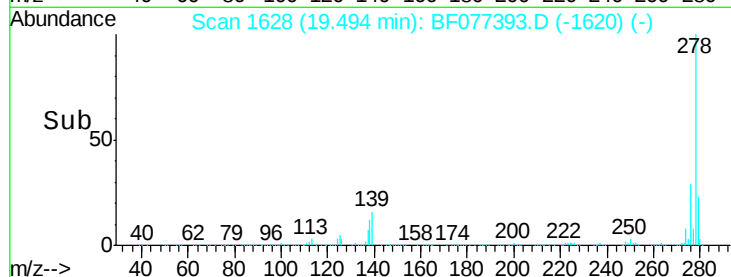
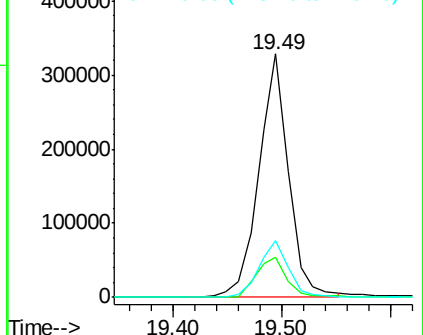
Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.3	21.5
279	23.3	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.97 ng

RT: 19.91 min Scan# 1664

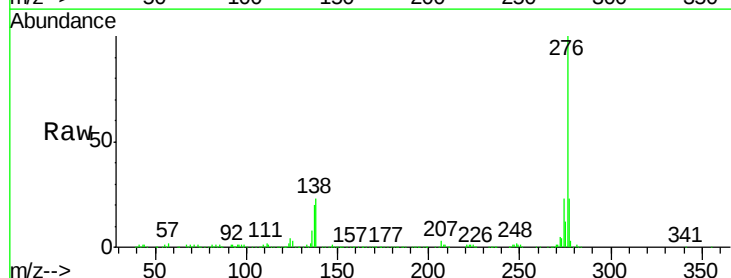
Delta R.T. -0.02 min

Lab File: BF077393.D

Acq: 20 Feb 2015 20:37

Tgt Ion: 276 Resp: 610121

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	22.8	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

