

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077416.D
 Acq On : 24 Feb 2015 14:35
 Operator : IZ / TP
 Sample : G1336-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:36:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	45360	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	185860	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	93498	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	182806	20.00	ng	0.00
75) Chrysene-d12	16.19	240	197282	20.00	ng	-0.03
86) Perylene-d12	17.96	264	211027	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	153749	56.59	ng	-0.01
7) Phenol-d6	6.85	99	254197	72.76	ng	-0.01
23) Nitrobenzene-d5	7.98	82	138423	46.31	ng	-0.01
41) 2,4,6-Tribromophenol	12.03	330	43461	48.28	ng	-0.01
44) 2-Fluorobiphenyl	10.23	172	320290	53.41	ng	0.00
78) Terphenyl-d14	14.89	244	366293	43.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	25538	22.15	ng	# 83
3) Pyridine	3.00	79	53640	16.26	ng	94
4) n-Nitrosodimethylamine	2.91	42	28738	20.04	ng	98
6) Aniline	6.89	93	50748	10.51	ng	100
8) 2-Chlorophenol	7.02	128	63340	19.76	ng	99
10) Phenol	6.86	94	90661	21.87	ng	94
11) bis(2-Chloroethyl)ether	6.99	93	63130	21.19	ng	99
12) 1,3-Dichlorobenzene	7.22	146	71558	20.50	ng	99
13) 1,4-Dichlorobenzene	7.32	146	75883	21.37	ng	99
14) 1,2-Dichlorobenzene	7.50	146	71456	21.16	ng	98
15) Benzyl Alcohol	7.48	79	55641	20.95	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.66	45	86356	20.28	ng	98
17) 2-Methylphenol	7.62	107	54044	21.57	ng	97
18) Hexachloroethane	7.93	117	24404	20.58	ng	98
19) n-Nitroso-di-n-propylamine	7.81	70	47925	21.60	ng	96
20) 3+4-Methylphenols	7.81	107	70473	21.36	ng	# 88
22) Acetophenone	7.80	105	92945	21.26	ng	94
24) Nitrobenzene	8.01	77	66359	21.10	ng	# 78
25) Isophorone	8.32	82	122319	20.63	ng	98
26) 2-Nitrophenol	8.41	139	23779	18.45	ng	96
27) 2,4-Dimethylphenol	8.46	122	57181	19.83	ng	98
28) bis(2-Chloroethoxy)methane	8.59	93	77103	20.58	ng	97
29) 2,4-Dichlorophenol	8.70	162	52570	19.42	ng	96
30) 1,2,4-Trichlorobenzene	8.81	180	63337	21.28	ng	99
31) Naphthalene	8.90	128	201255	21.65	ng	99
33) 4-Chloroaniline	8.98	127	51410	12.44	ng	98
34) Hexachlorobutadiene	9.06	225	34242	20.16	ng	100
35) Caprolactam	9.38	113	17824	21.57	ng	# 85
36) 4-Chloro-3-methylphenol	9.57	107	57265	21.04	ng	95
37) 2-Methylnaphthalene	9.77	142	139649	21.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	62633	23.35	ng	98
40) Hexachlorocyclopentadiene	9.95	237	50848	35.35	ng	98
42) 2,4,6-Trichlorophenol	10.11	196	20139	11.34	ng	97
43) 2,4,5-Trichlorophenol	10.16	196	34336	18.07	ng	96

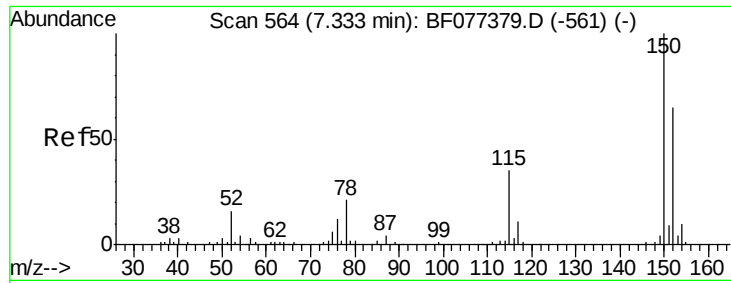
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.35	154	166999	23.58	ng	98
46) 2-Chloronaphthalene	10.36	162	130649	23.52	ng	99
47) 2-Nitroaniline	10.49	65	34545	25.26	ng	98
48) Acenaphthylene	10.88	152	214821	24.43	ng	99
49) Dimethylphthalate	10.73	163	170164	25.89	ng	98
50) 2,6-Dinitrotoluene	10.80	165	31030	23.54	ng	# 52
51) Acenaphthene	11.09	154	124686	23.76	ng	100
52) 3-Nitroaniline	11.00	138	35905	23.63	ng	92
54) Dibenzofuran	11.31	168	191425	23.62	ng	96
55) 4-Nitrophenol	11.21	139	6578	5.38	ng	81
56) 2,4-Dinitrotoluene	11.30	165	40353	22.66	ng	93
57) Fluorene	11.73	166	154374	23.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	10755	7.04	ng	# 96
59) Diethylphthalate	11.61	149	148659	22.94	ng	98
60) 4-Chlorophenyl-phenylether	11.75	204	67895	21.75	ng	95
61) 4-Nitroaniline	11.76	138	34985	24.02	ng	88
62) Azobenzene	11.94	77	156793	25.51	ng	91
64) 4,6-Dinitro-2-methylphenol	11.79	198	684	4.58	ng	# 1
65) n-Nitrosodiphenylamine	11.88	169	131645	21.70	ng	99
66) 4-Bromophenyl-phenylether	12.35	248	43443	20.29	ng	# 93
67) Hexachlorobenzene	12.41	284	47530	20.69	ng	# 88
68) Atrazine	12.56	200	41868	21.23	ng	97
69) Pentachlorophenol	12.65	266	6783	5.62	ng	98
70) Phenanthrene	12.92	178	230806	21.78	ng	99
71) Anthracene	12.99	178	233490	22.21	ng	98
72) Carbazole	13.20	167	220693	22.08	ng	97
73) Di-n-butylphthalate	13.64	149	235008	20.02	ng	98
74) Fluoranthene	14.40	202	251839	21.76	ng	96
76) Benzidine	14.58	184	106232	15.94	ng	98
77) Pyrene	14.68	202	264774	21.94	ng	99
79) Butylbenzylphthalate	15.51	149	102632	20.67	ng	# 85
80) Benzo(a)anthracene	16.18	228	254793	22.04	ng	99
81) 3,3'-Dichlorobenzidine	16.16	252	64719	15.28	ng	96
82) Chrysene	16.23	228	238524	21.97	ng	97
83) Bis(2-ethylhexyl)phthalate	16.24	149	140645	17.67	ng	# 95
84) Di-n-octyl phthalate	17.05	149	244200	18.37	ng	99
87) Benzo(b)fluoranthene	17.51	252	293910	23.95	ng	# 96
88) Benzo(k)fluoranthene	17.51	252	293910	24.44	ng	98
89) Benzo(a)pyrene	17.91	252	258247	22.10	ng	97
90) Dibenzo(a,h)anthracene	19.47	278	251809	22.59	ng	99
91) Benzo(g,h,i)perylene	19.88	276	257367	22.88	ng	96

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

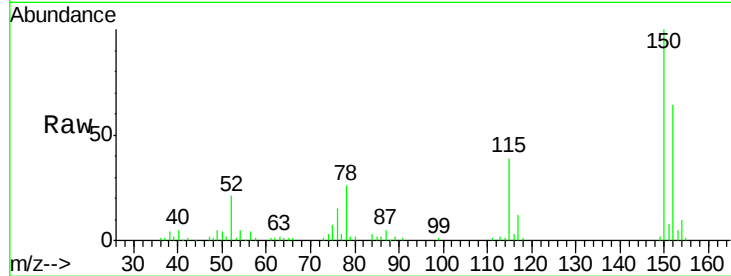


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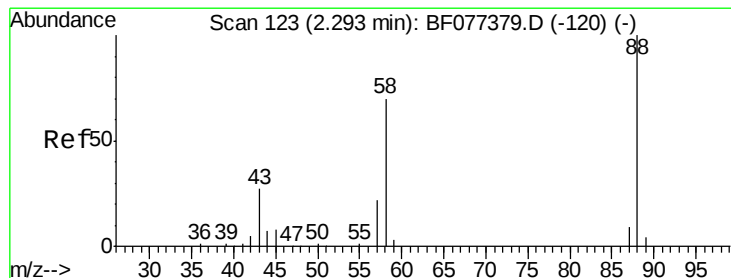
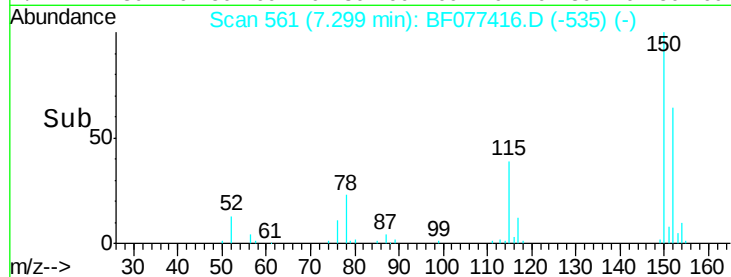
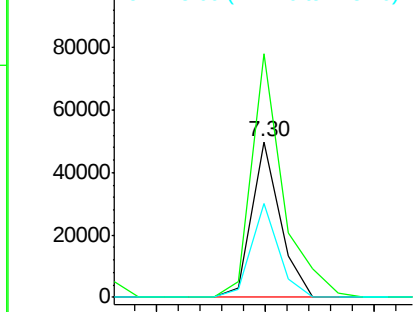
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45360
Ion Ratio Lower Upper
152 100
150 156.5 124.0 186.0
115 60.4 49.4 74.2



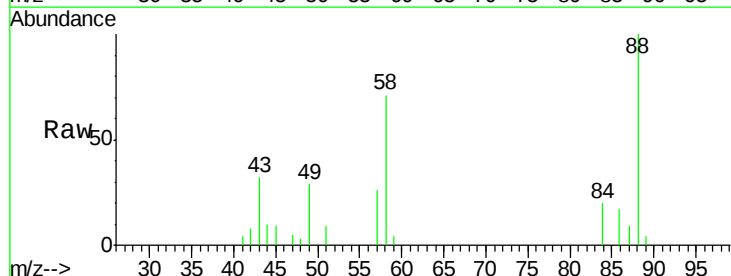
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



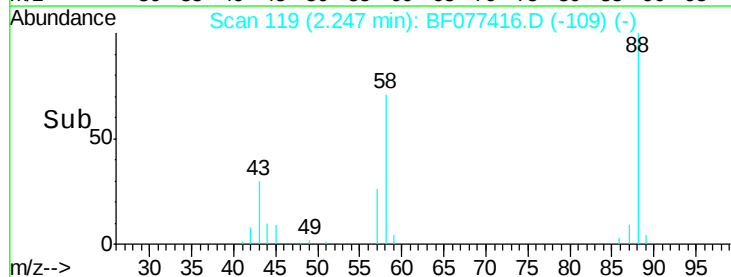
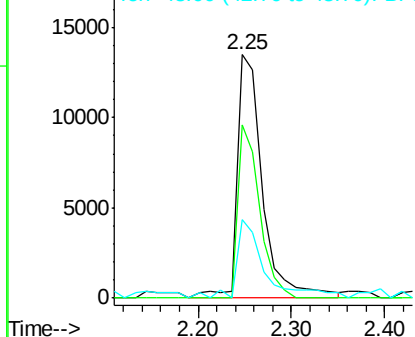
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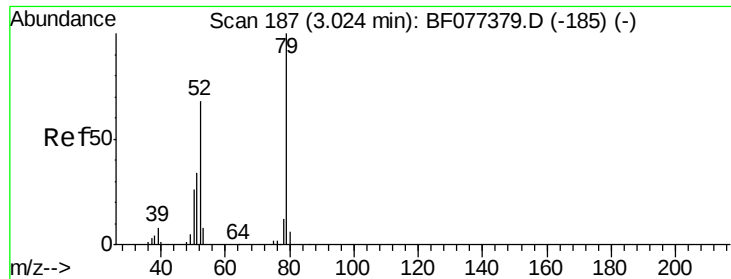
1,4-Dioxane
Concen: 22.15 ng
RT: 2.25 min Scan# 119
Delta R.T. 0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion: 88 Resp: 25538
Ion Ratio Lower Upper
88 100
58 60.5 62.1 93.1#
43 35.3 24.0 36.0



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





#3

Pyridine

Concen: 16.26 ng

RT: 3.00 min Scan# 185

Delta R.T. 0.03 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

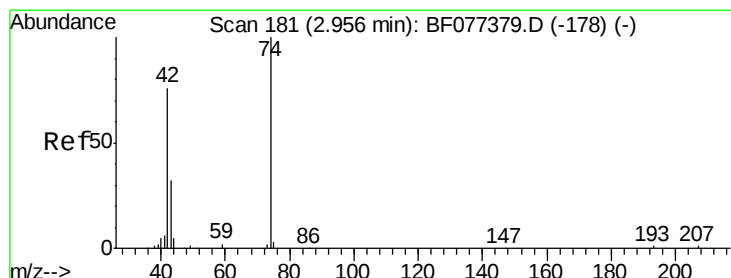
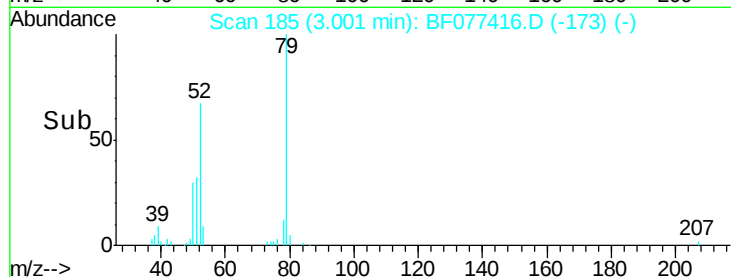
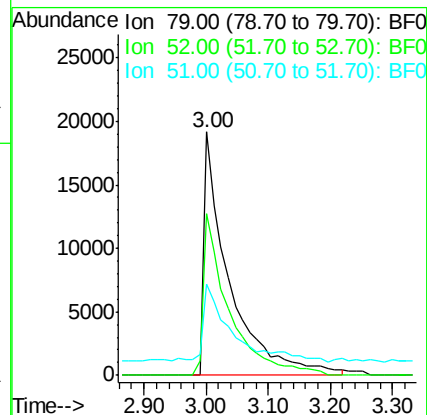
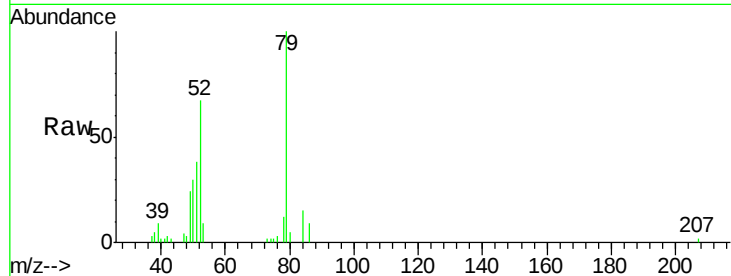
Tgt Ion: 79 Resp: 53640

Ion Ratio Lower Upper

79 100

52 66.6 57.7 86.5

51 37.6 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 20.04 ng

RT: 2.91 min Scan# 177

Delta R.T. 0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

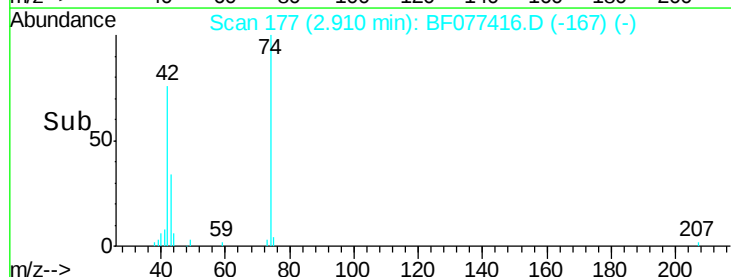
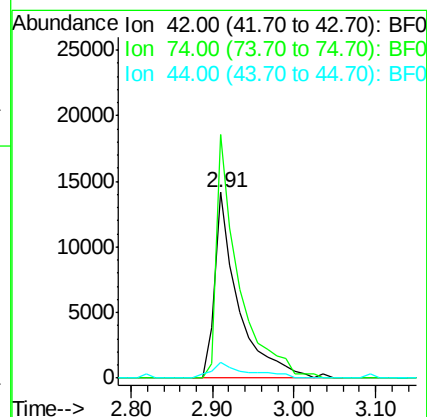
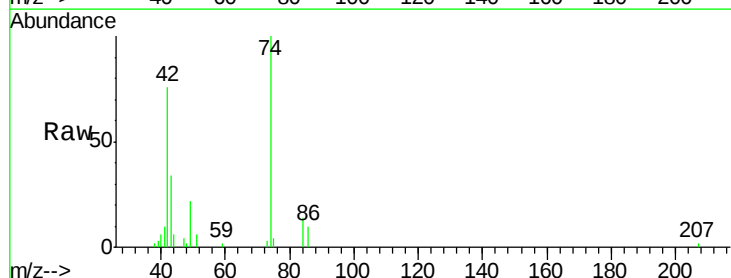
Tgt Ion: 42 Resp: 28738

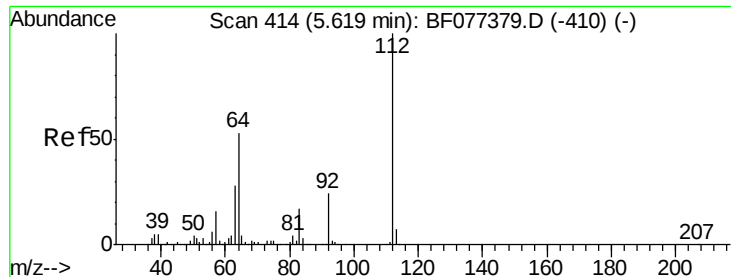
Ion Ratio Lower Upper

42 100

74 131.0 107.1 160.7

44 8.2 6.7 10.1





#5

2-Fluorophenol

Concen: 56.59 ng

RT: 5.58 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

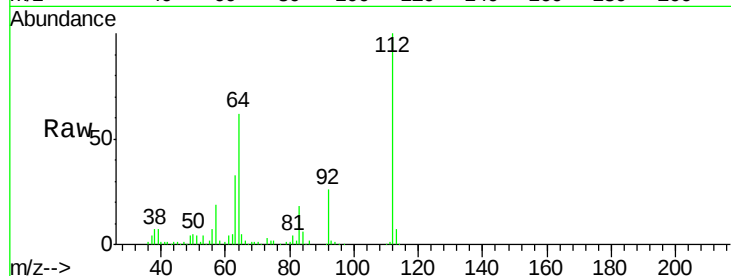
Tgt Ion: 112 Resp: 153749

Ion Ratio Lower Upper

112 100

64 62.5 48.5 72.7

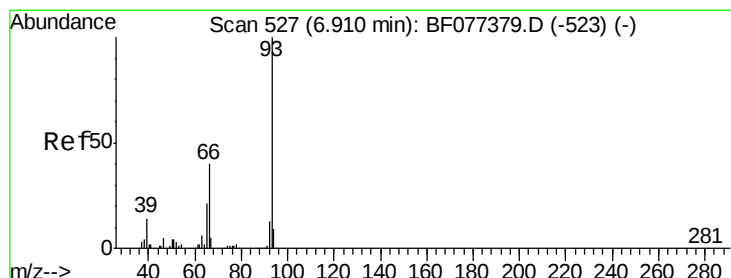
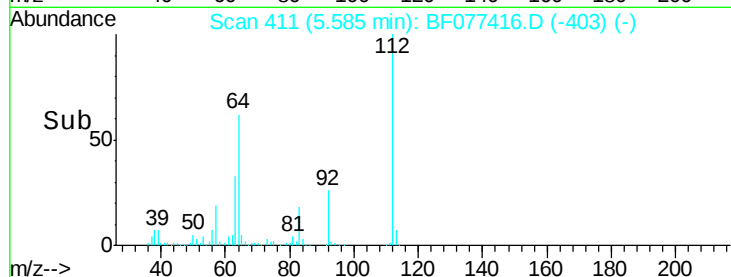
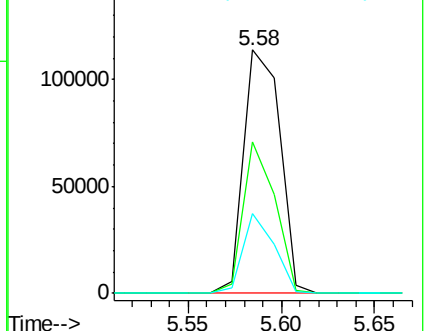
63 32.7 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.51 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

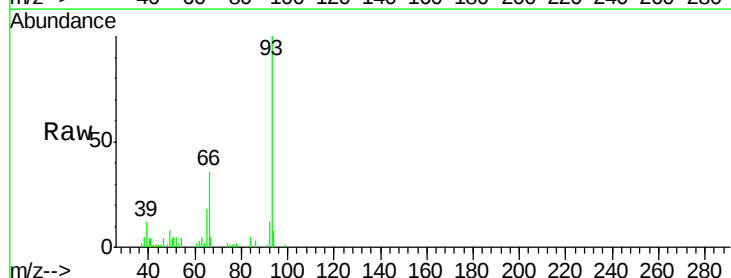
Tgt Ion: 93 Resp: 50748

Ion Ratio Lower Upper

93 100

66 36.2 29.1 43.7

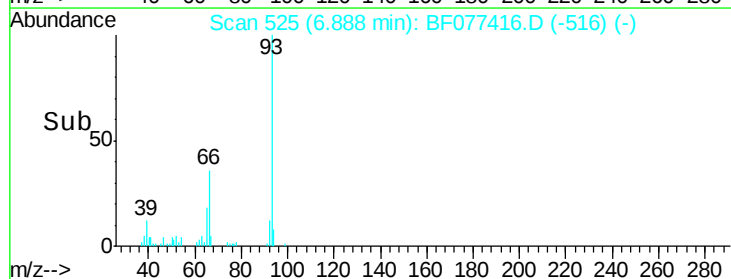
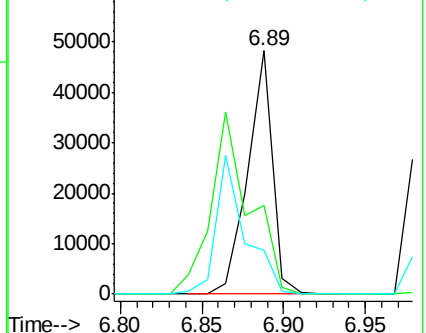
65 18.2 14.6 22.0

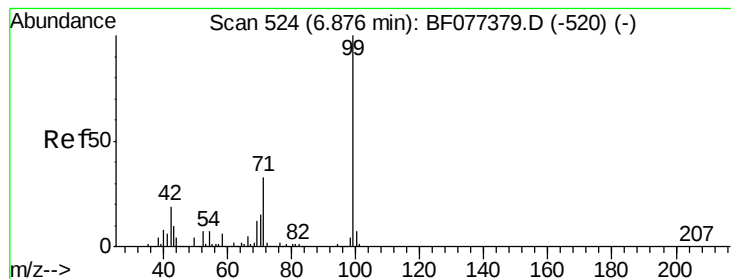


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.76 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

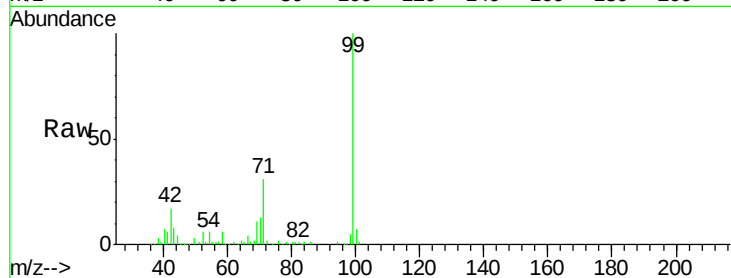
Tgt Ion: 99 Resp: 254197

Ion Ratio Lower Upper

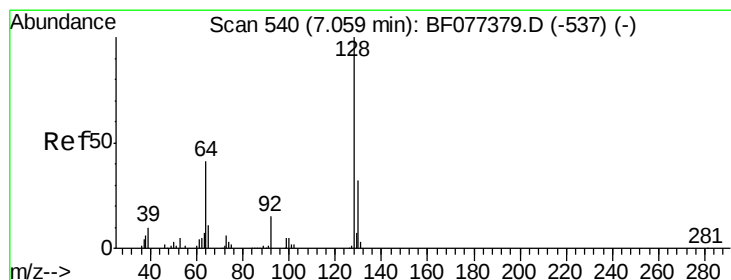
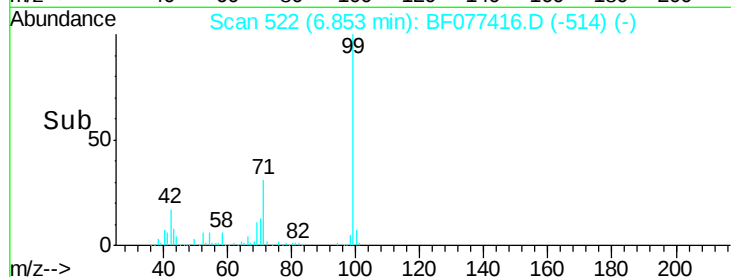
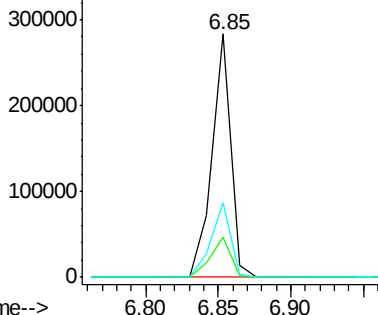
99 100

42 16.7 16.2 24.4

71 30.9 26.7 40.1



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



#8

2-Chlorophenol

Concen: 19.76 ng

RT: 7.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

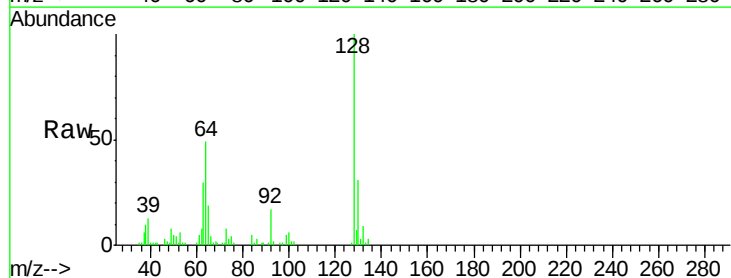
Tgt Ion: 128 Resp: 63340

Ion Ratio Lower Upper

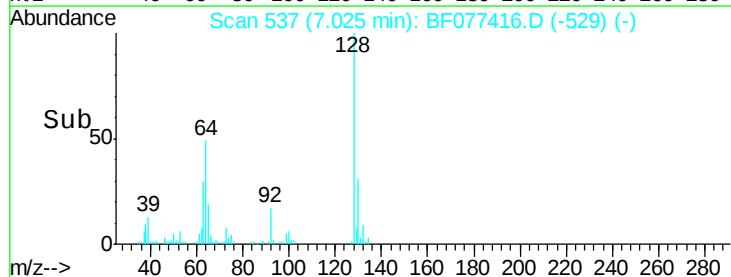
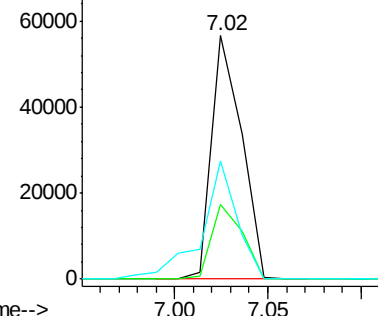
128 100

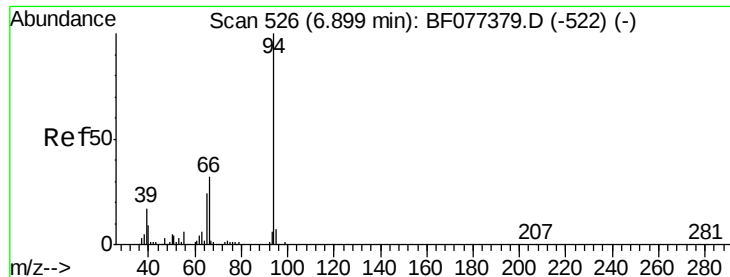
130 30.9 12.0 52.0

64 48.5 29.2 69.2



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





#10

Phenol

Concen: 21.87 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

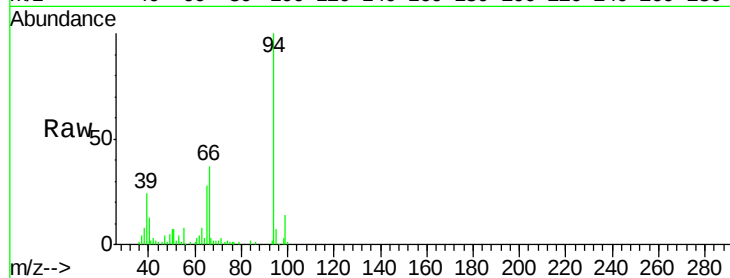
Tgt Ion: 94 Resp: 90661

Ion Ratio Lower Upper

94 100

65 28.3 5.7 45.7

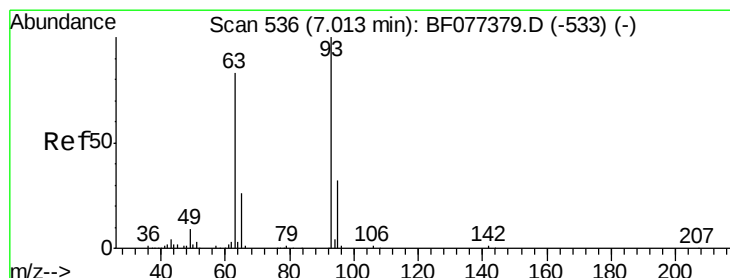
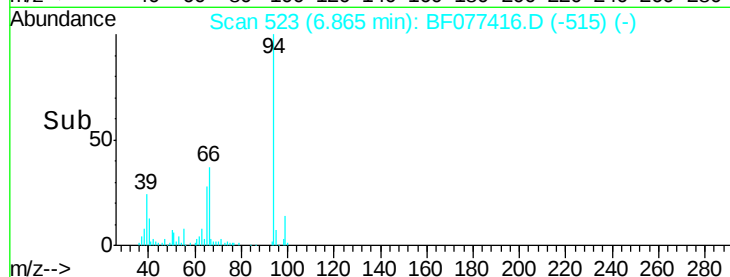
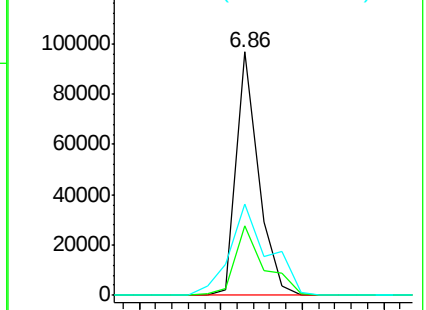
66 37.2 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 21.19 ng

RT: 6.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

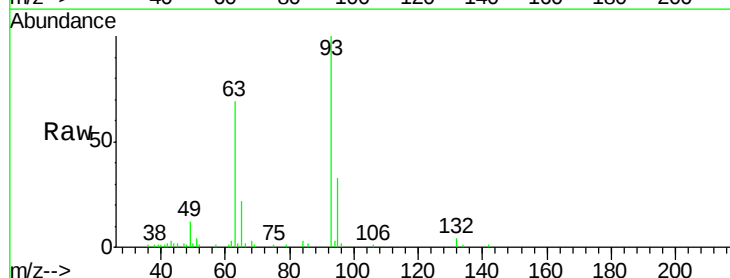
Tgt Ion: 93 Resp: 63130

Ion Ratio Lower Upper

93 100

63 68.6 48.7 88.7

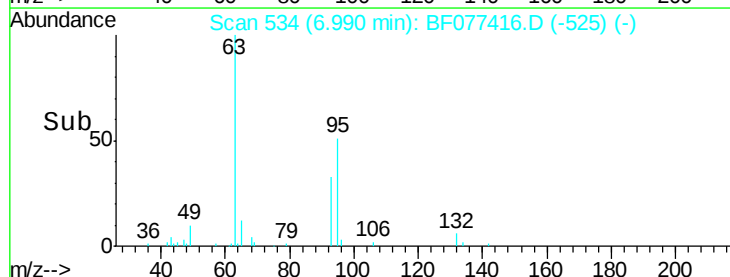
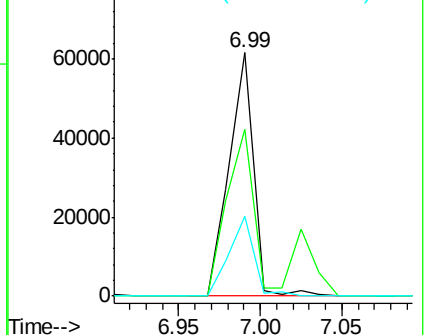
95 32.8 13.6 53.6

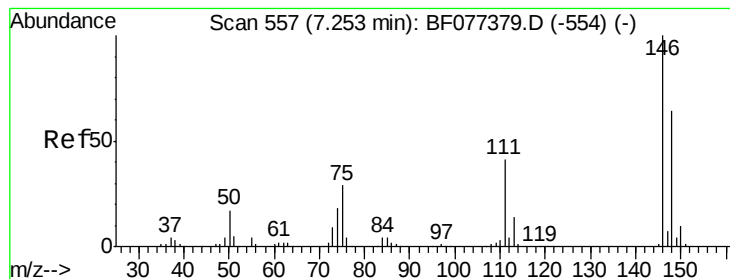


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 20.50 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

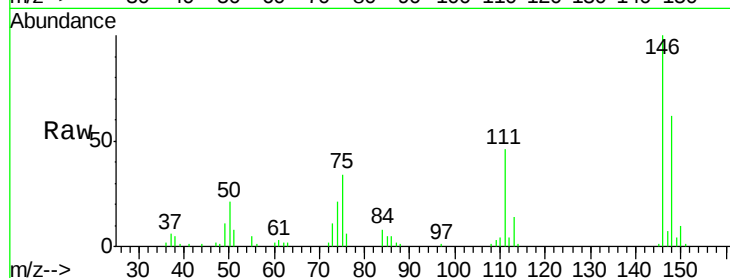
Tgt Ion:146 Resp: 71558

Ion Ratio Lower Upper

146 100

148 61.9 49.8 74.8

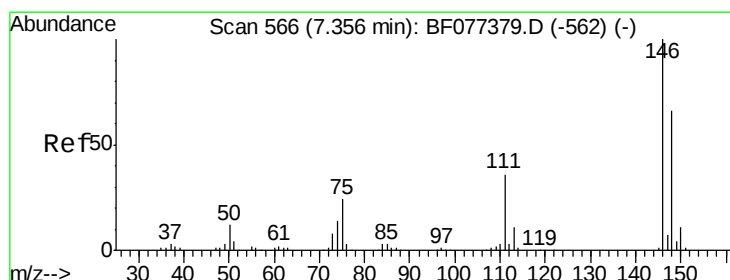
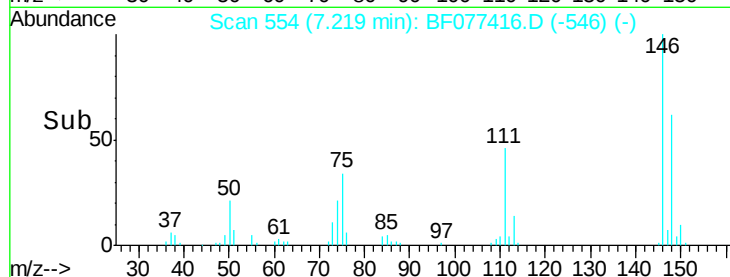
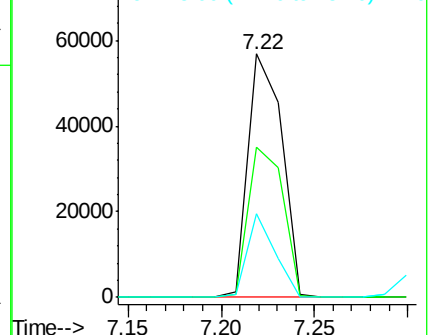
75 34.2 28.2 42.4



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: 21.37 ng

RT: 7.32 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

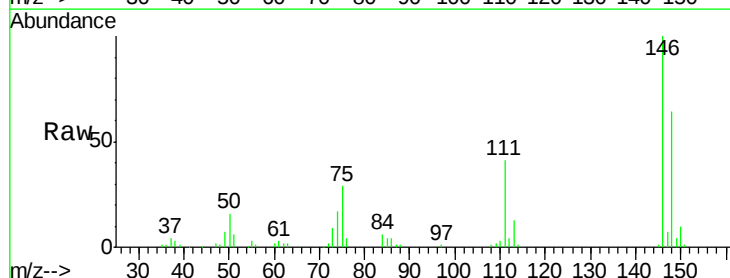
Tgt Ion:146 Resp: 75883

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

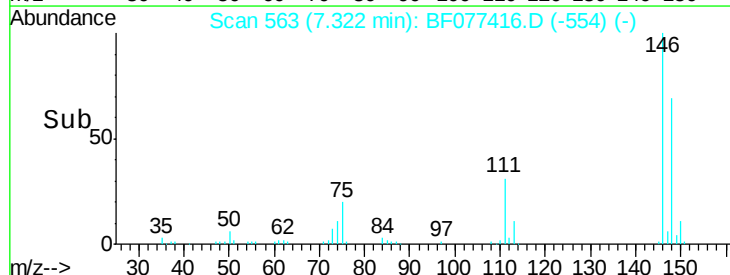
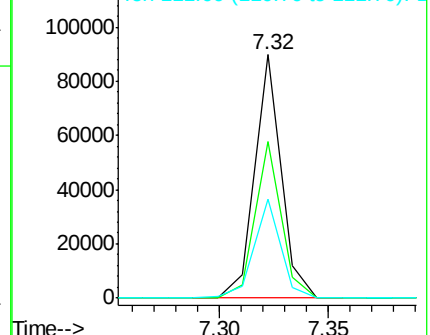
111 40.7 31.9 47.9

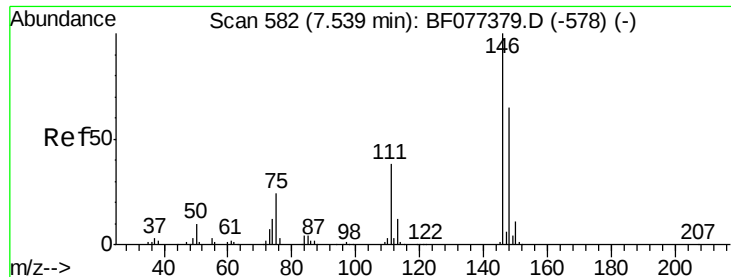


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 21.16 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

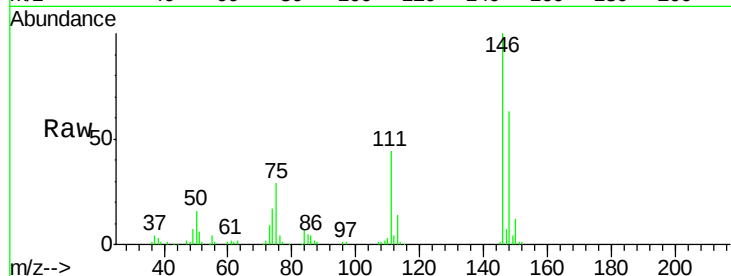
Tgt Ion:146 Resp: 71456

Ion Ratio Lower Upper

146 100

148 63.1 51.6 77.4

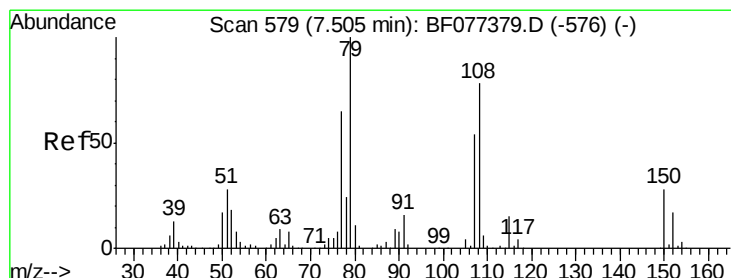
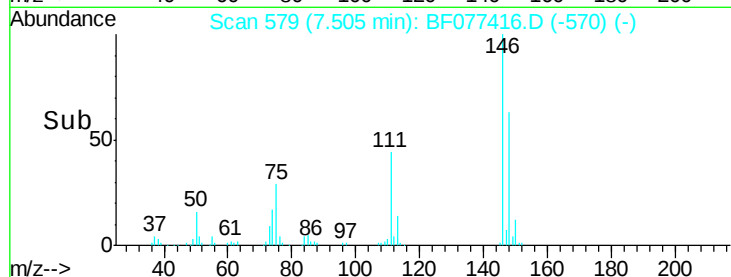
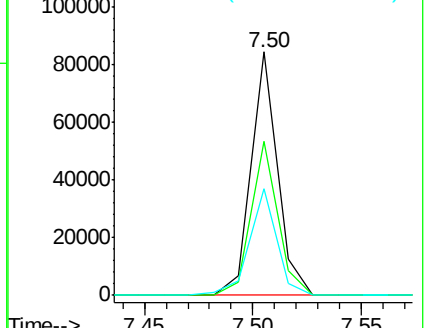
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 20.95 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

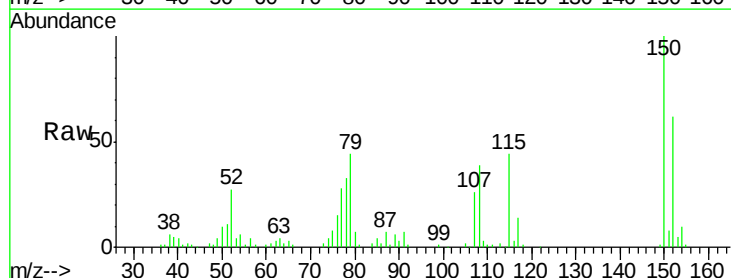
Tgt Ion: 79 Resp: 55641

Ion Ratio Lower Upper

79 100

108 90.0 58.3 87.5#

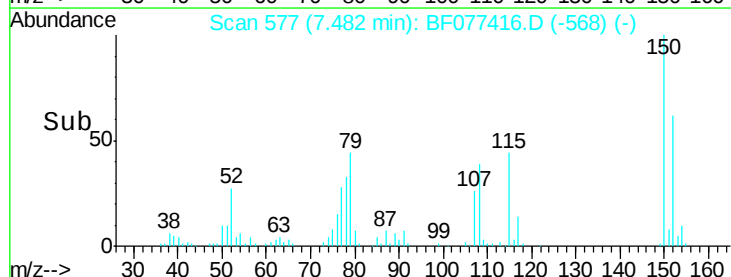
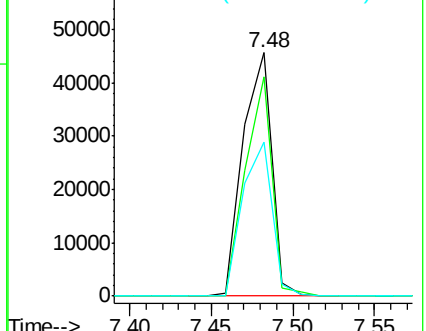
77 63.2 51.3 76.9

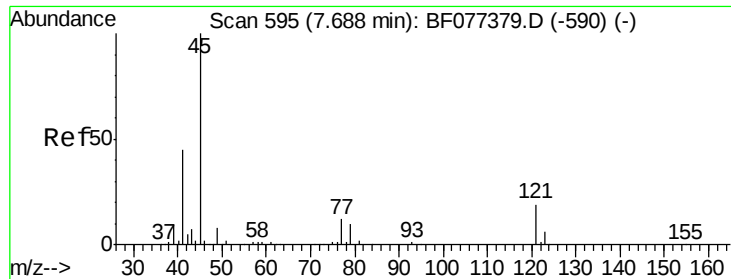


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

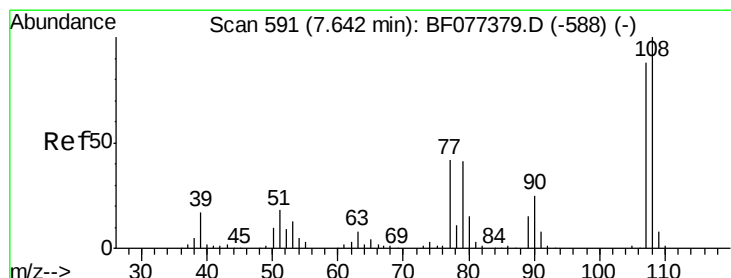
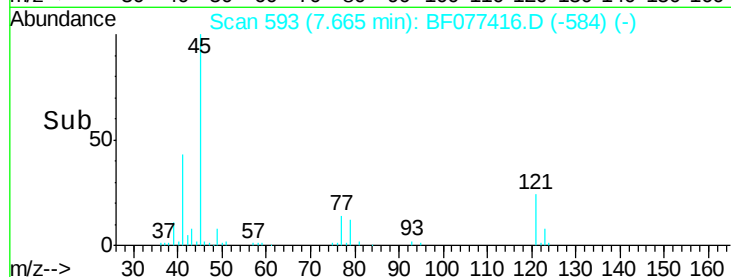
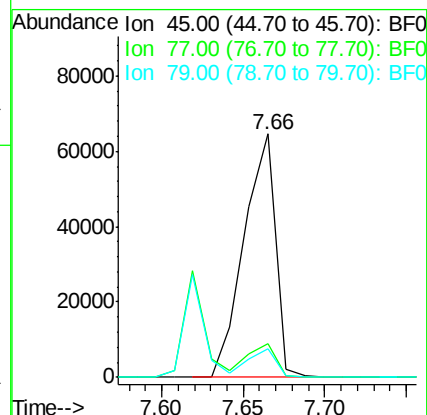
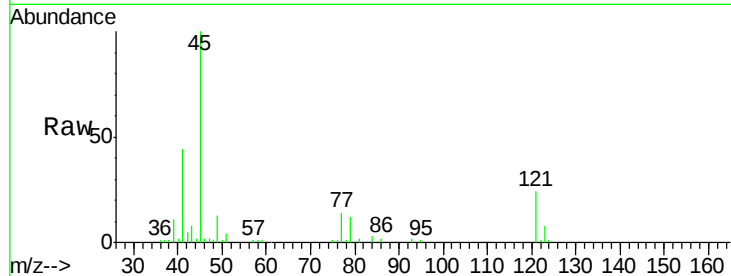




#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.28 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

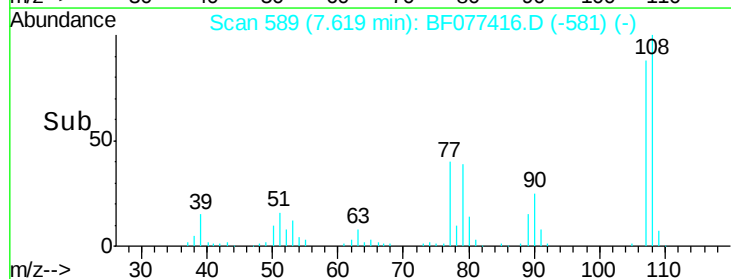
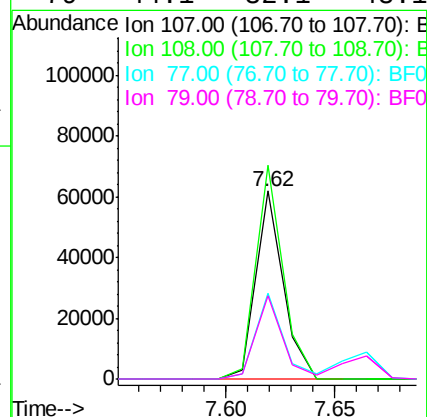
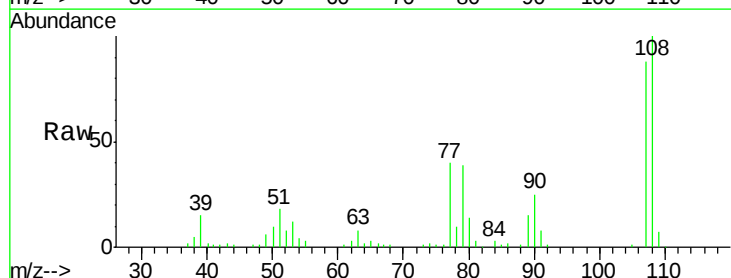
Instrument :
BNA_F
ClientSampleId :

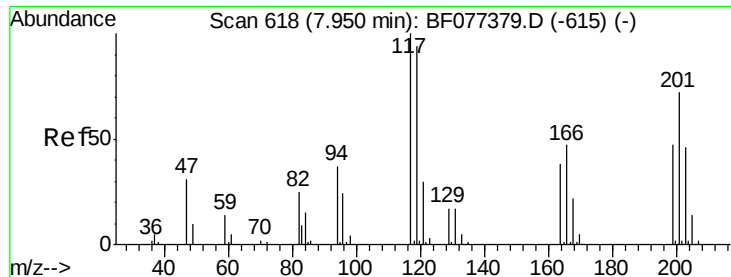
Tgt Ion: 45 Resp: 86356
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 12.0 0.0 31.5



#17
2-Methylphenol
Concen: 21.57 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion: 107 Resp: 54044
Ion Ratio Lower Upper
107 100
108 113.8 91.2 136.8
77 45.8 33.6 50.4
79 44.1 32.1 48.1

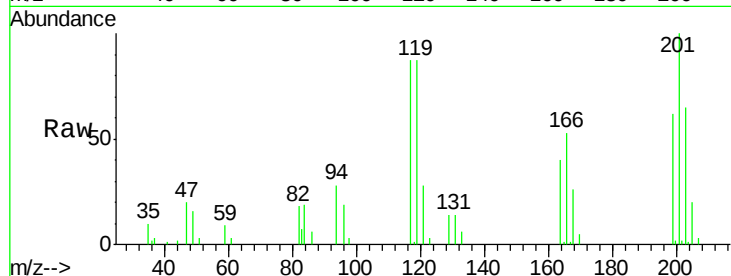




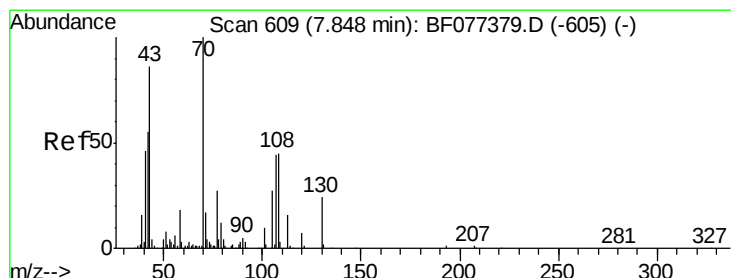
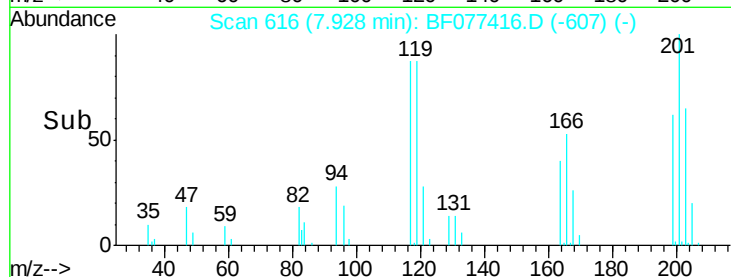
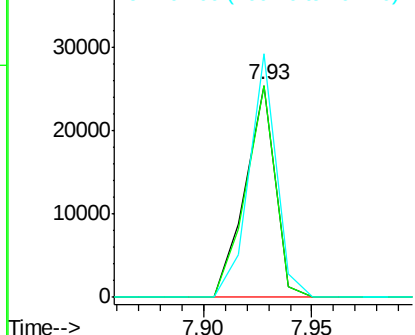
#18
Hexachloroethane
Concen: 20.58 ng
RT: 7.93 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 117 Resp: 24404
Ion Ratio Lower Upper
117 100
119 99.7 77.8 116.8
201 114.8 90.6 136.0

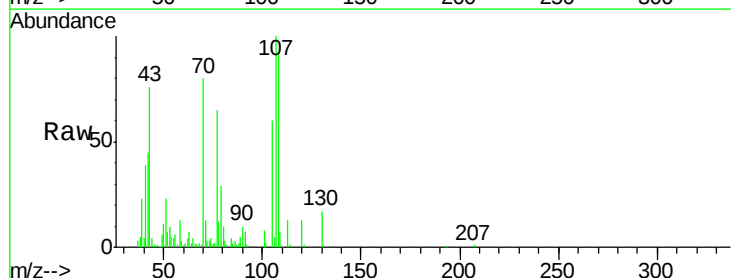


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

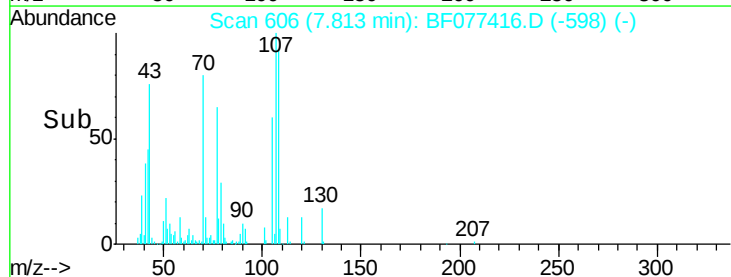
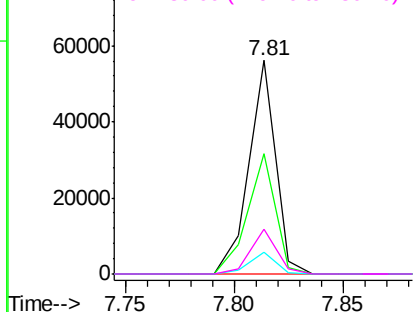


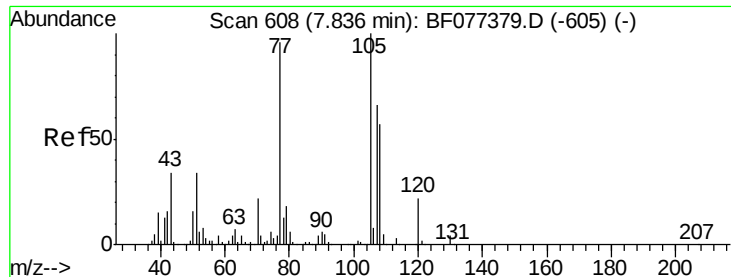
#19
n-Nitroso-di-n-propylamine
Concen: 21.60 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion: 70 Resp: 47925
Ion Ratio Lower Upper
70 100
42 56.5 48.3 72.5
101 10.0 7.5 11.3
130 21.0 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

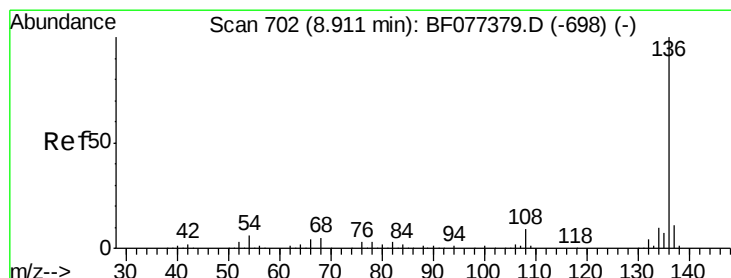
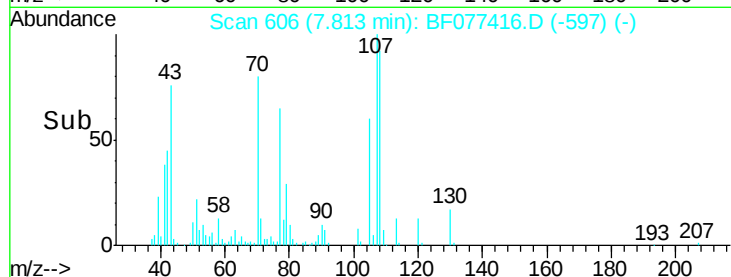
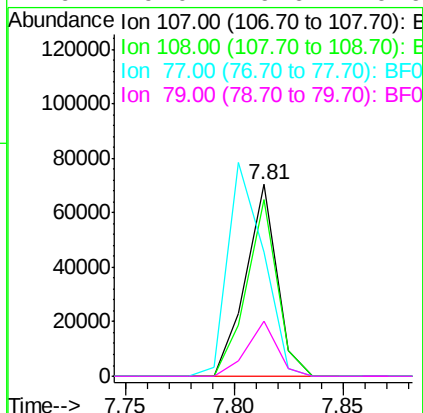
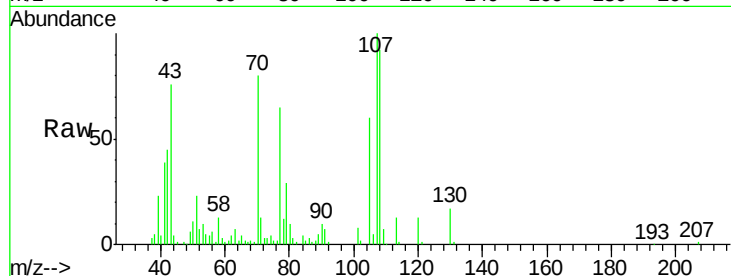




#20
3+4-Methylphenols
Concen: 21.36 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

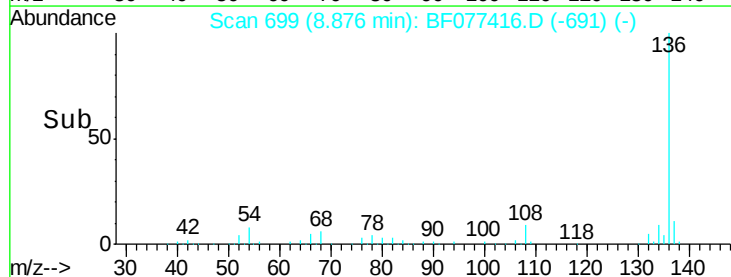
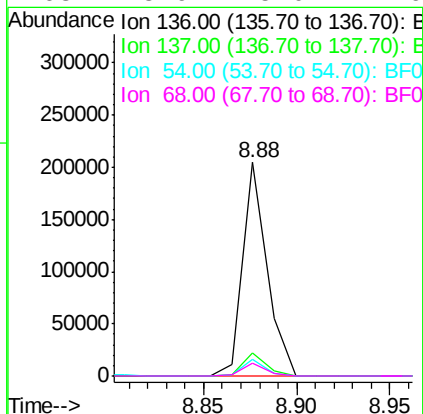
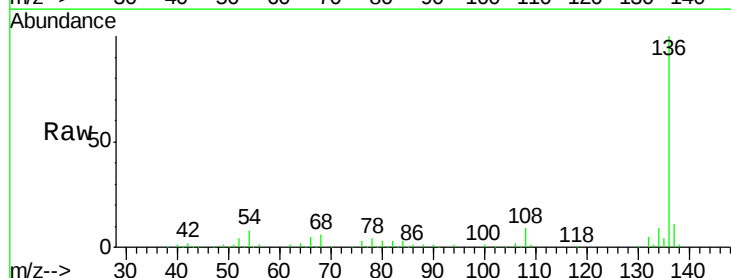
Instrument :
BNA_F
ClientSampleId :

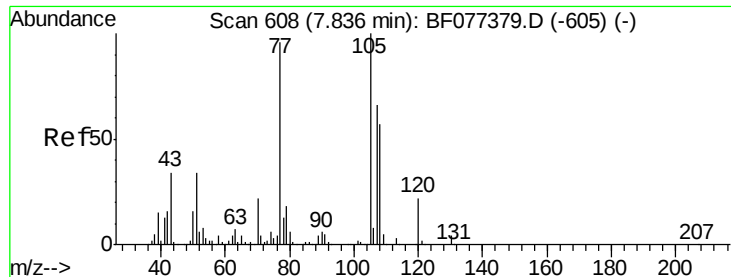
Tgt Ion:107 Resp: 70473
Ion Ratio Lower Upper
107 100
108 92.0 76.8 116.8
77 64.6 65.8 105.8#
79 29.0 9.6 49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:136 Resp: 185860
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 6.2 9.4
68 5.9 5.0 7.6





#22

Acetophenone

Concen: 21.26 ng

RT: 7.80 min Scan# 605

Delta R.T. -0.01 min

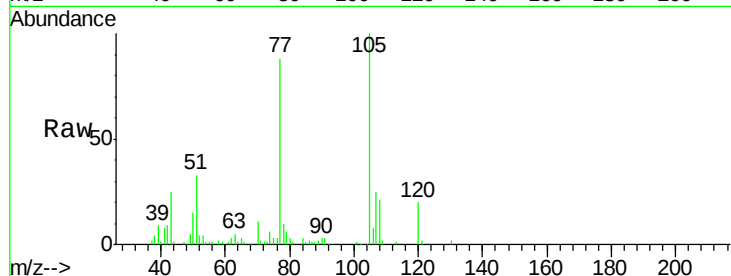
Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 105 Resp: 92945

Ion Ratio Lower Upper

105 100

71 2.0 1.7 2.5

51 33.1 30.7 46.1

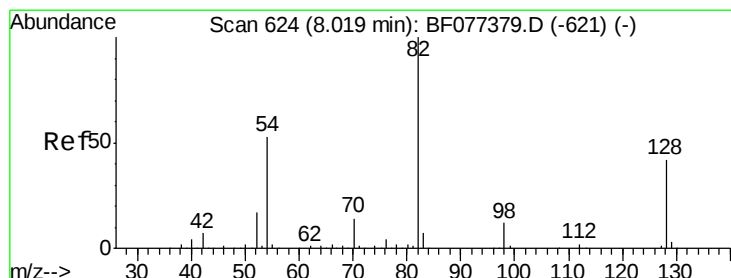
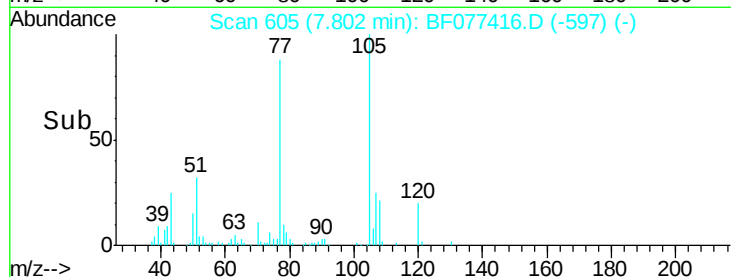
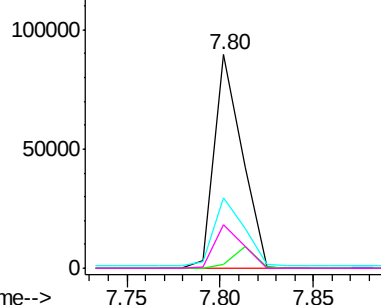
120 20.3 16.7 25.1

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: 46.31 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Tgt Ion: 82 Resp: 138423

Ion Ratio Lower Upper

82 100

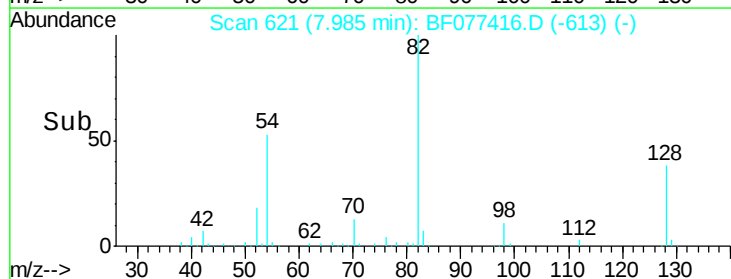
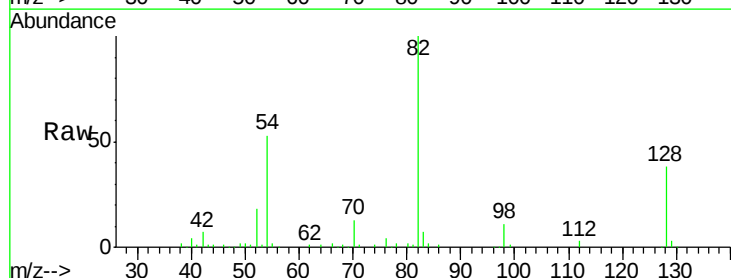
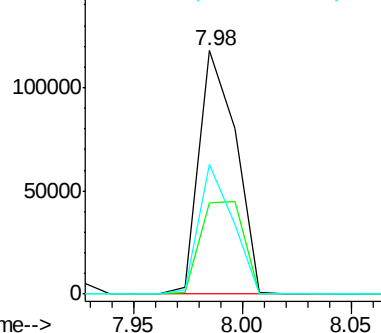
128 37.7 43.8 65.8#

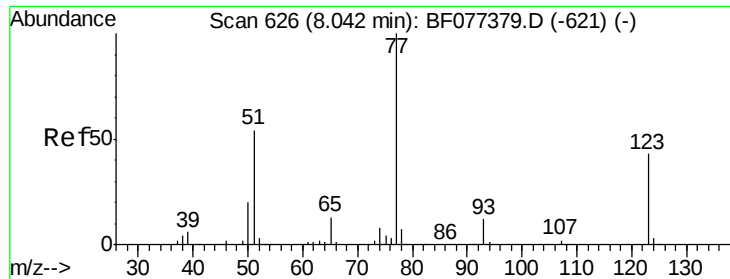
54 53.1 36.7 55.1

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: 21.10 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

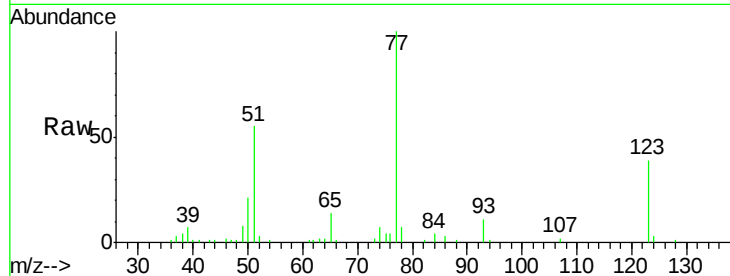
Tgt Ion: 77 Resp: 66359

Ion Ratio Lower Upper

77 100

123 38.6 45.9 68.9#

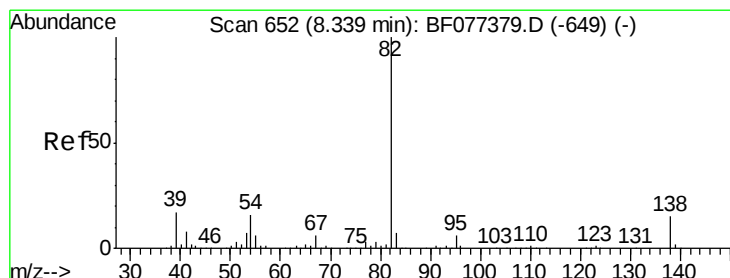
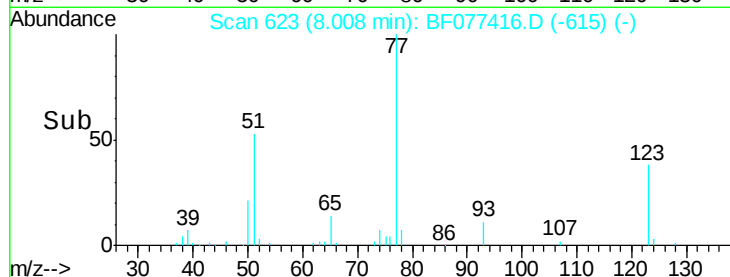
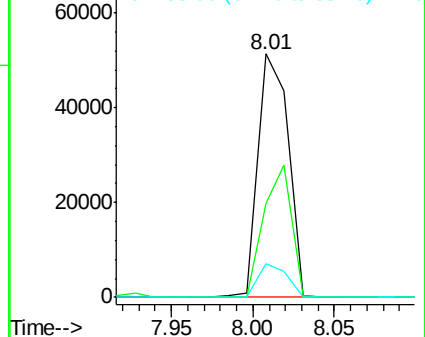
65 13.8 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 20.63 ng

RT: 8.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

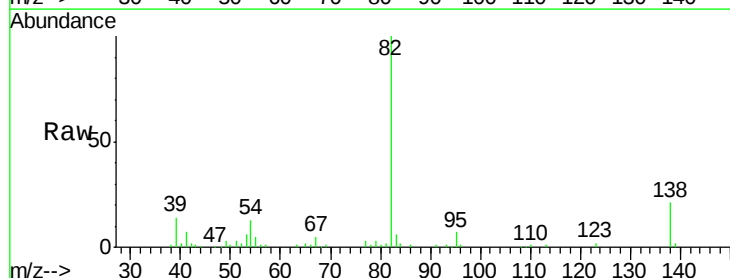
Tgt Ion: 82 Resp: 122319

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

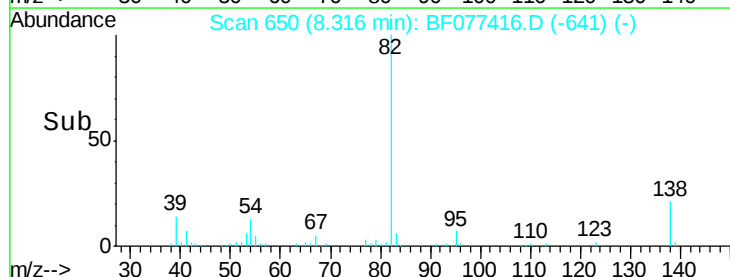
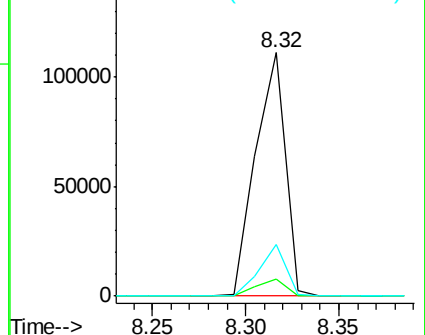
138 21.3 16.3 24.5

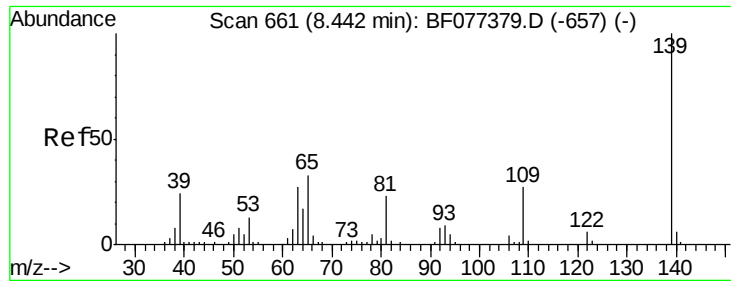


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

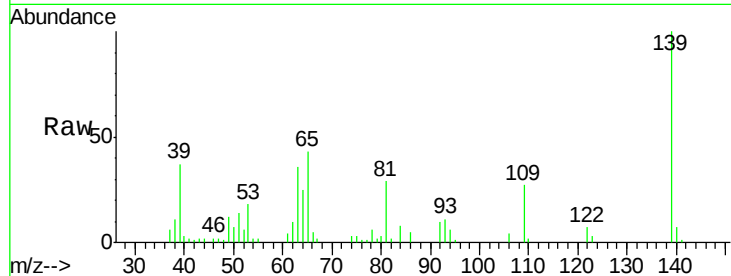




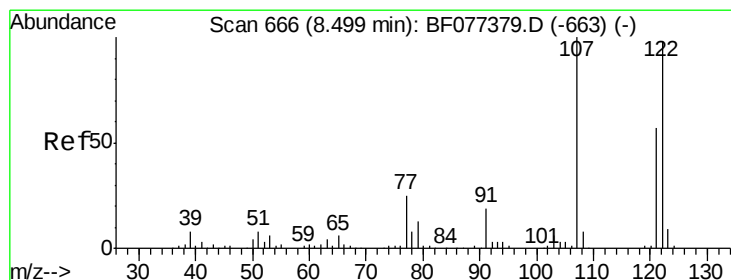
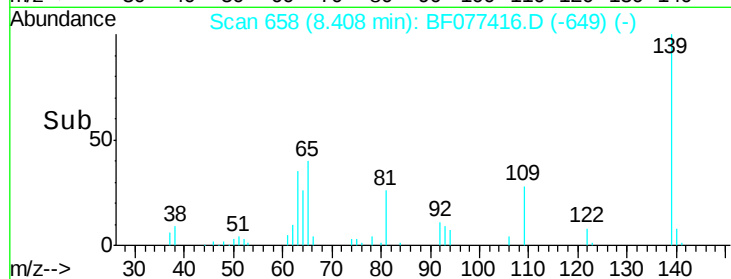
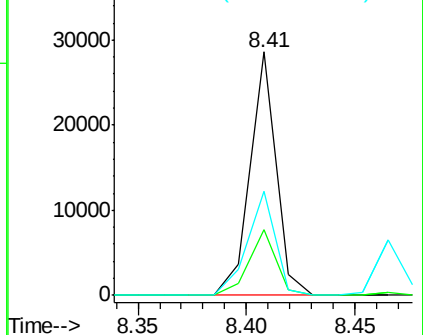
#26
 2-Nitrophenol
 Concen: 18.45 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:139 Resp: 23779
 Ion Ratio Lower Upper
 139 100
 109 27.1 22.6 34.0
 65 42.6 36.4 54.6

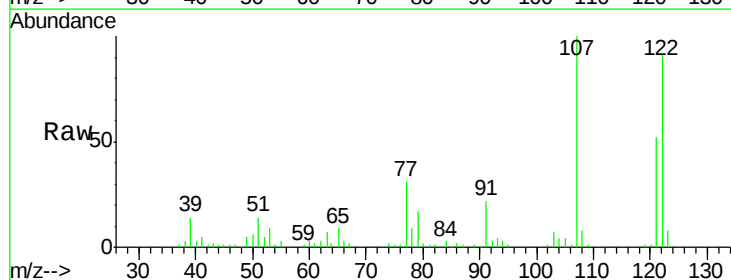


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

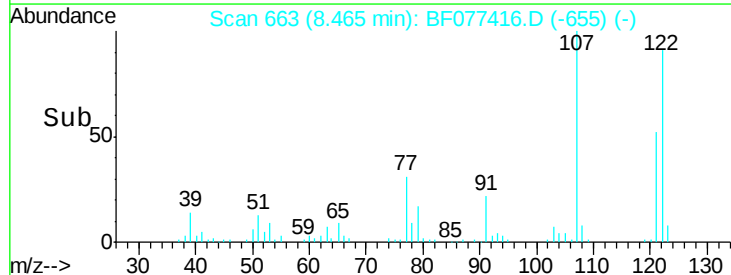
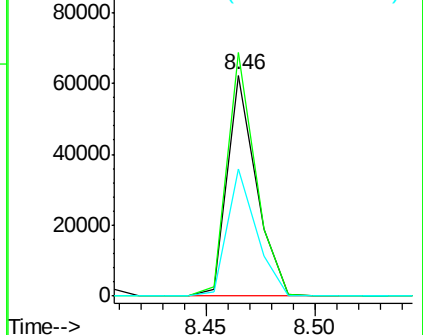


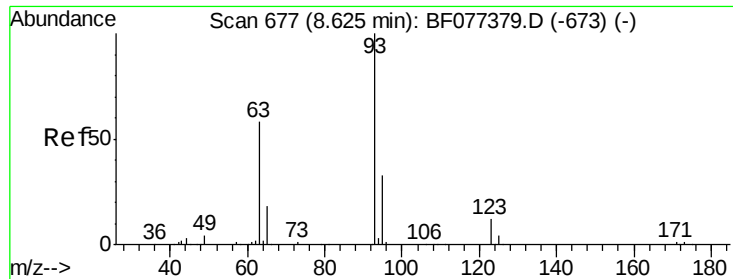
#27
 2,4-Dimethylphenol
 Concen: 19.83 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:122 Resp: 57181
 Ion Ratio Lower Upper
 122 100
 107 110.1 86.6 130.0
 121 57.5 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

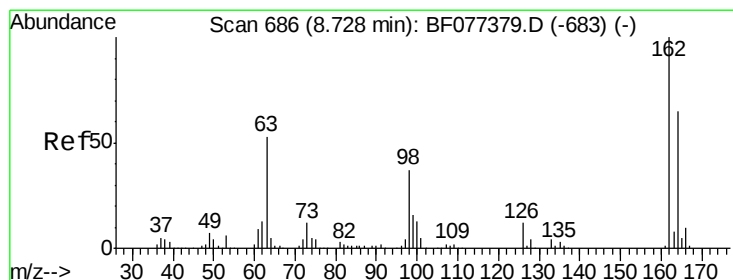
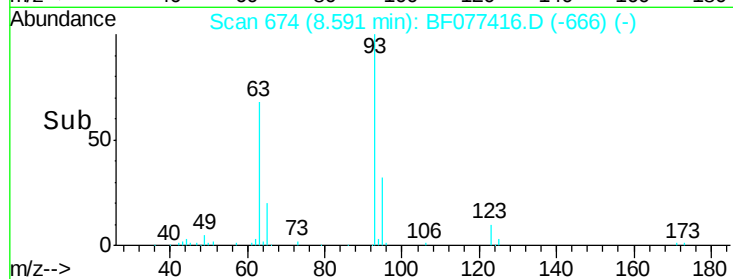
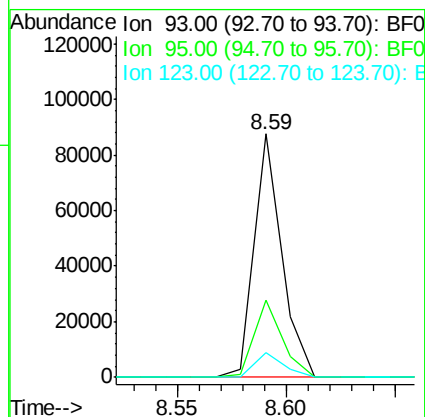
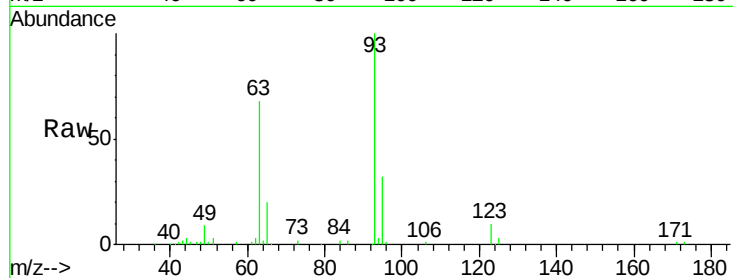




#28
bis(2-Chloroethoxy)methane
Concen: 20.58 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

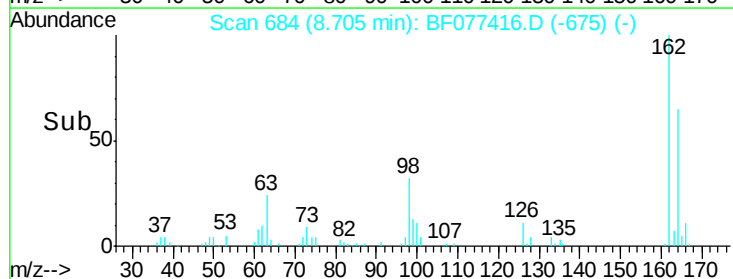
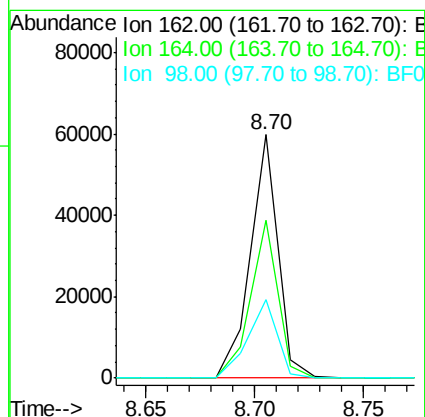
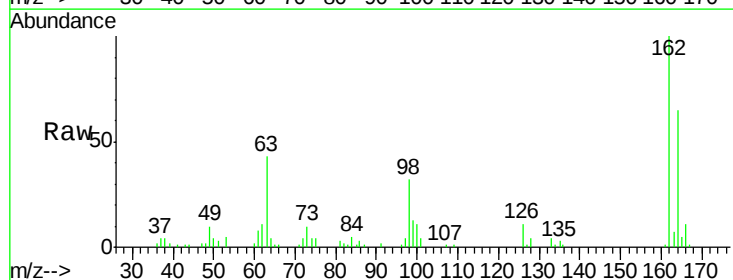
Instrument :
BNA_F
ClientSampled :

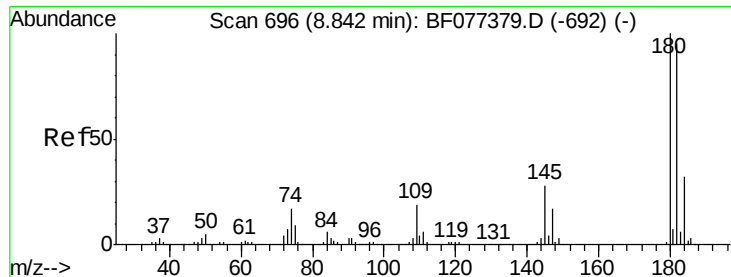
Tgt Ion: 93 Resp: 77103
Ion Ratio Lower Upper
93 100
95 31.6 26.4 39.6
123 9.9 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 19.42 ng
RT: 8.70 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion: 162 Resp: 52570
Ion Ratio Lower Upper
162 100
164 64.9 46.4 86.4
98 32.1 6.9 46.9

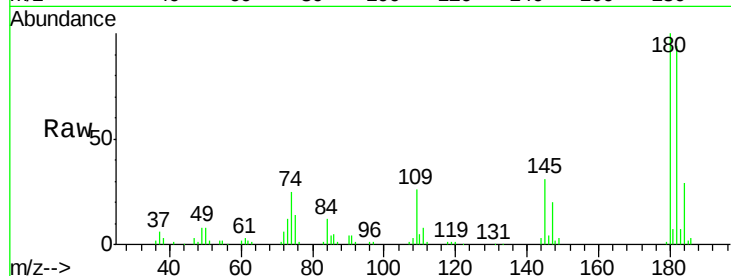




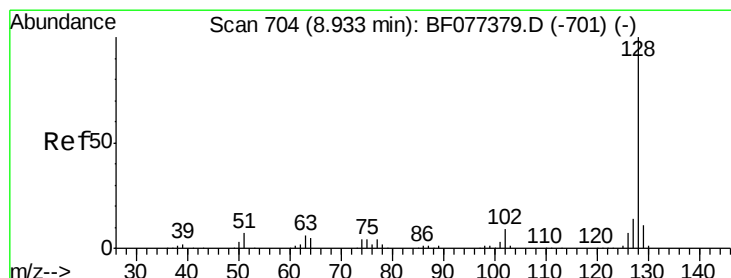
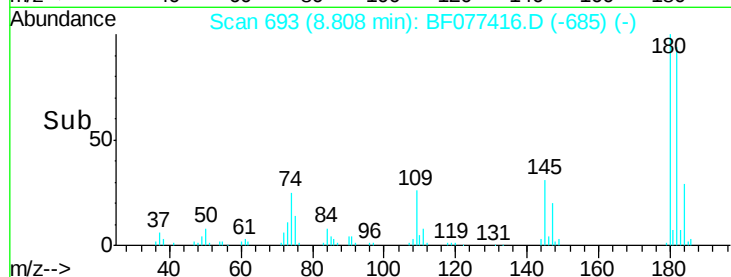
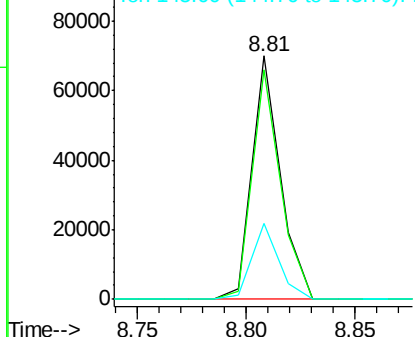
#30
 1,2,4-Trichlorobenzene
 Concen: 21.28 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:180 Resp: 63337
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.4
 145 31.1 24.5 36.7

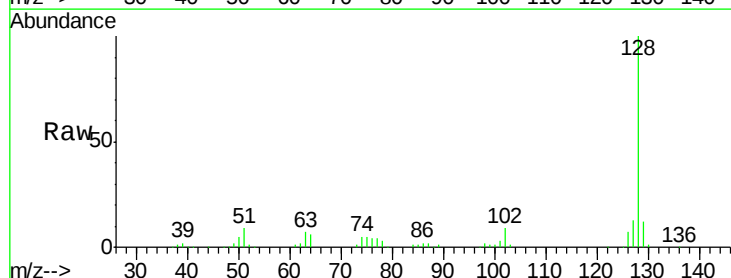


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

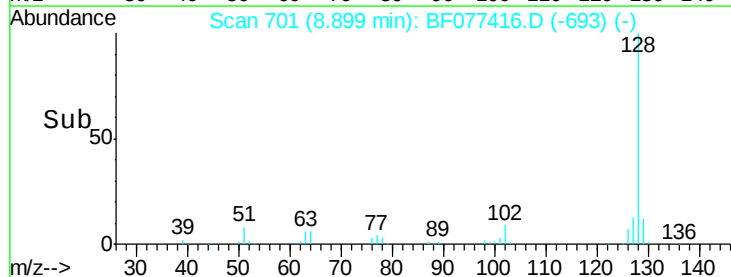
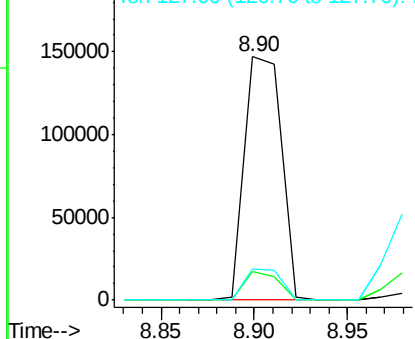


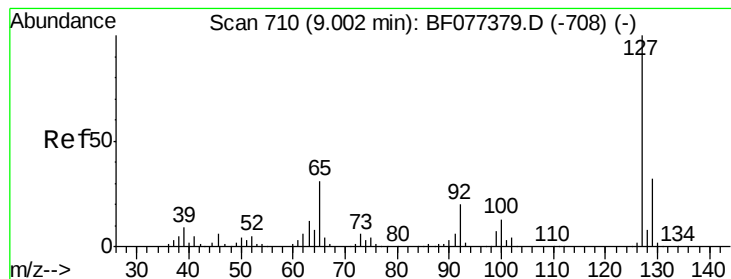
#31
 Naphthalene
 Concen: 21.65 ng
 RT: 8.90 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:128 Resp: 201255
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.4 14.0
 127 12.7 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





#33

4-Chloroaniline

Concen: 12.44 ng

RT: 8.98 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF077416.D

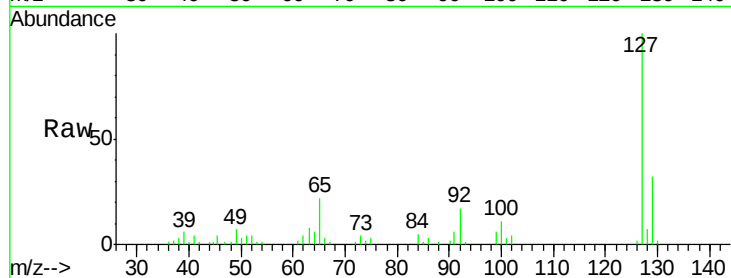
Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	127	Resp:	51410
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.9	40.3
65	21.9	16.7	25.1
92	16.5	12.5	18.7

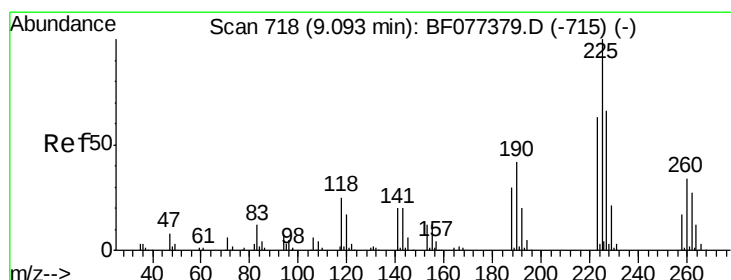
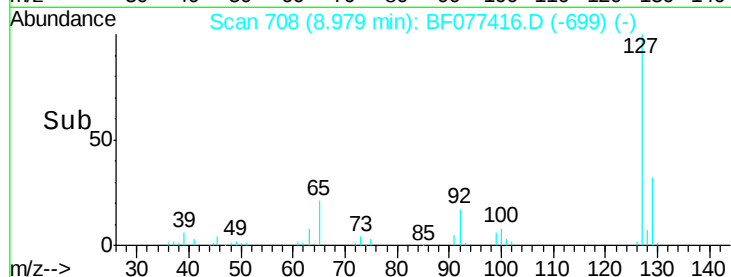
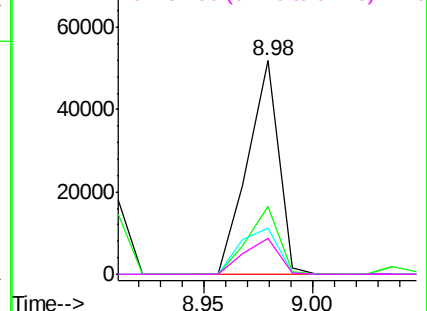


Abundance Ion 127.00 (126.70 to 127.70): E

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: 20.16 ng

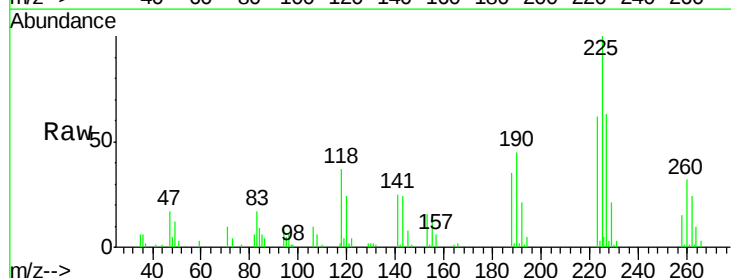
RT: 9.06 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

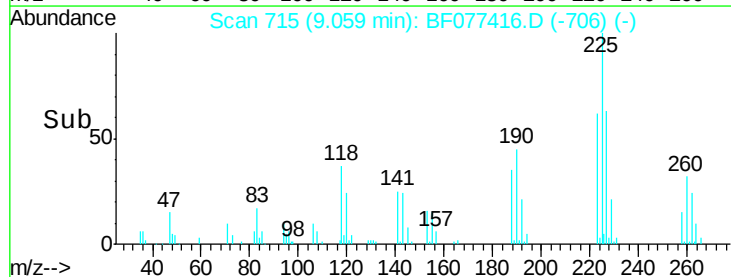
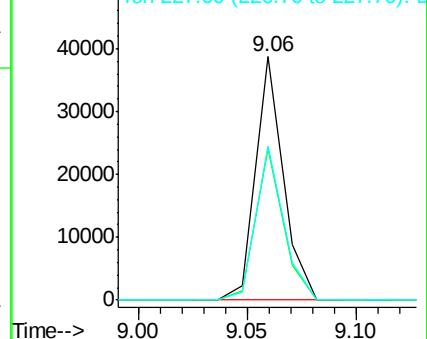
Tgt Ion:	225	Resp:	34242
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.5	74.3
227	63.2	50.5	75.7

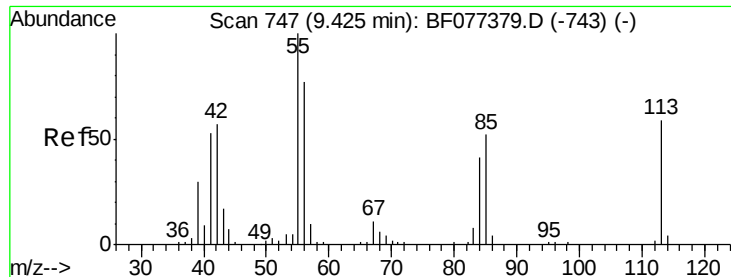


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

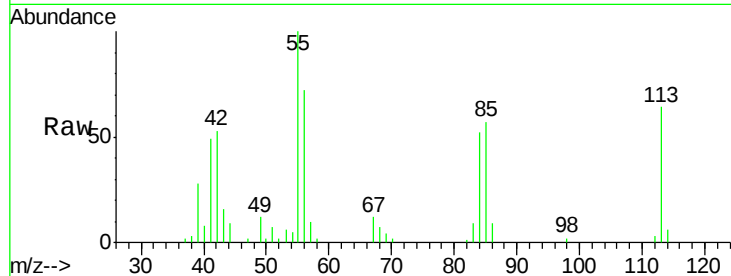




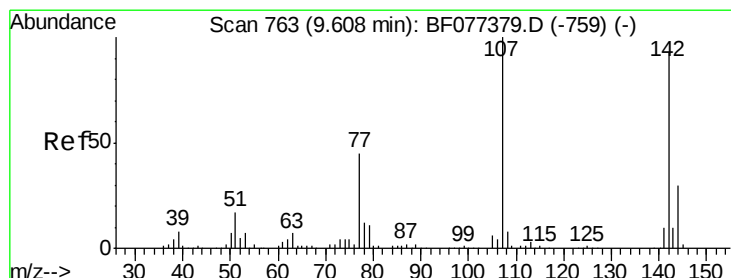
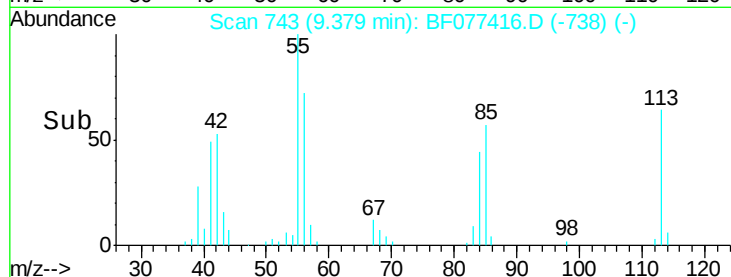
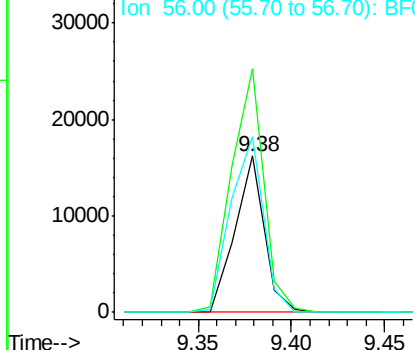
#35
Caprolactam
Concen: 21.57 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.05 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 17824
Ion Ratio Lower Upper
113 100
55 156.0 154.6 194.6
56 112.4 114.0 154.0#

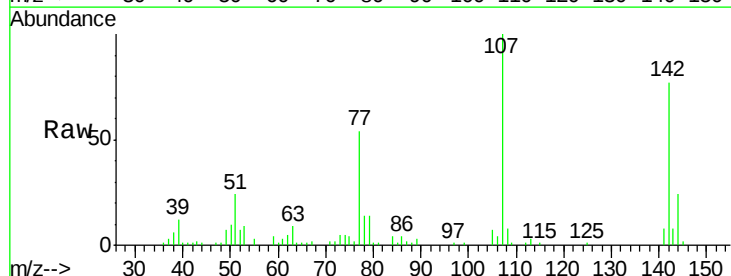


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

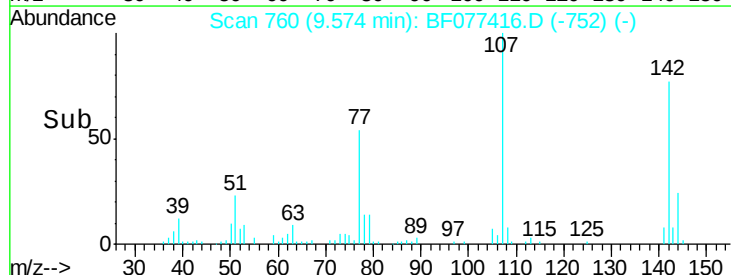
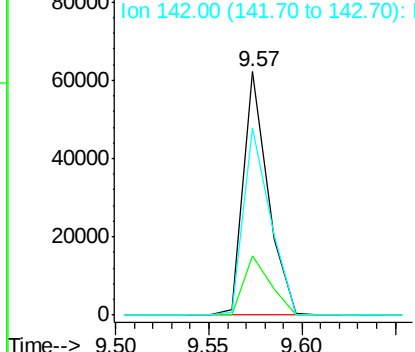


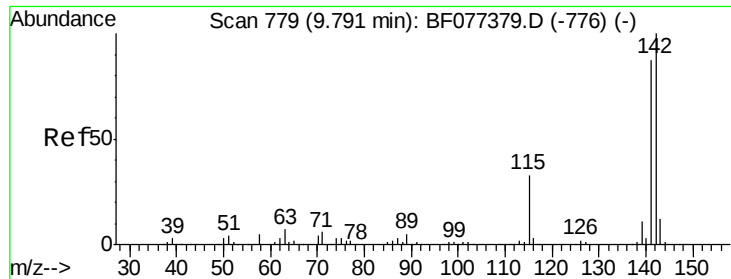
#36
4-Chloro-3-methylphenol
Concen: 21.04 ng
RT: 9.57 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:107 Resp: 57265
Ion Ratio Lower Upper
107 100
144 24.1 21.1 31.7
142 77.0 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

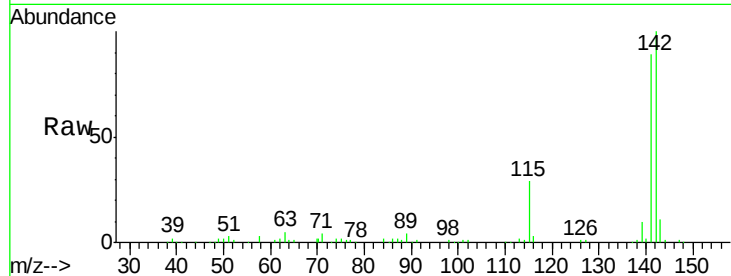




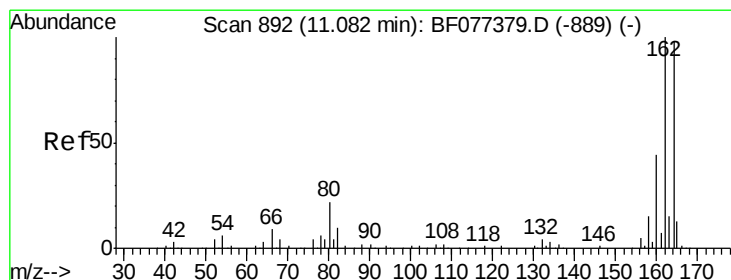
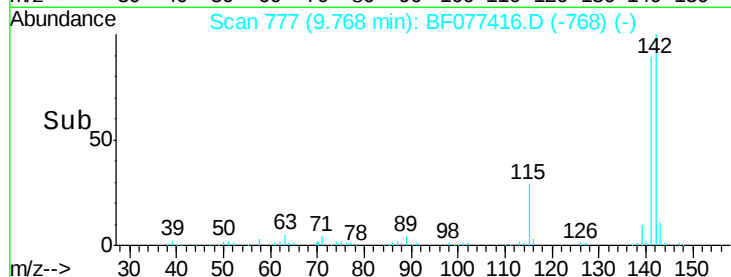
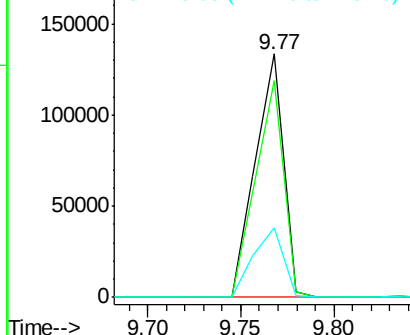
#37
 2-Methylnaphthalene
 Concen: 21.16 ng
 RT: 9.77 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:142 Resp: 139649
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1
 115 28.7 24.2 36.4

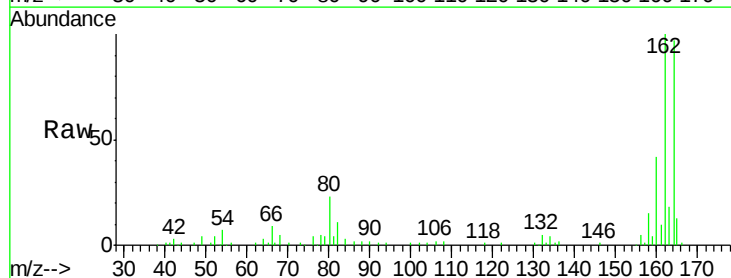


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

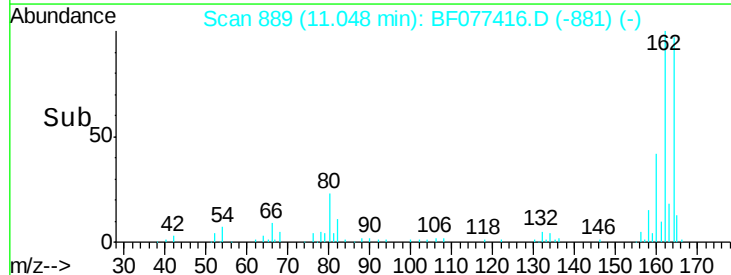
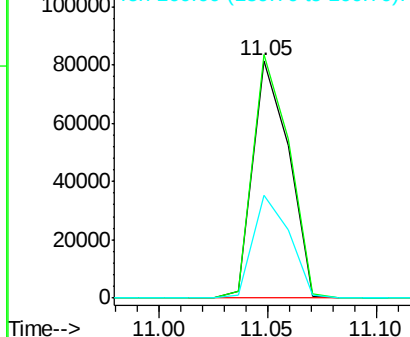


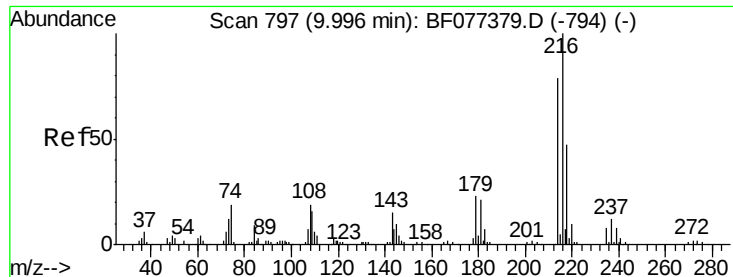
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:164 Resp: 93498
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.2 124.8
 160 43.2 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: 23.35 ng

RT: 9.97 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 62633

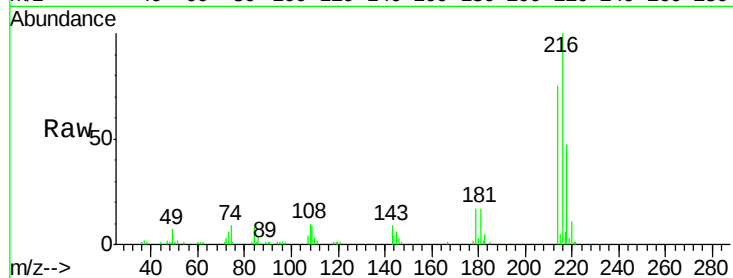
Ion Ratio Lower Upper

216 100

214 77.1 63.4 95.0

179 19.9 16.6 25.0

108 18.5 14.2 21.4

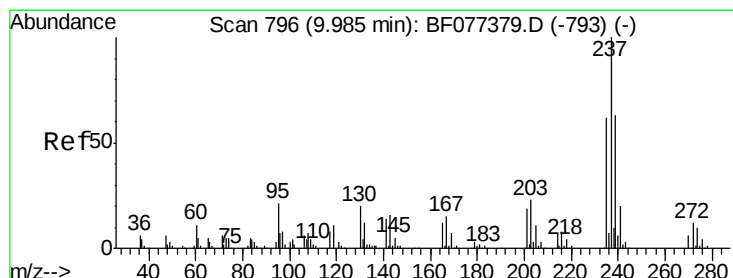
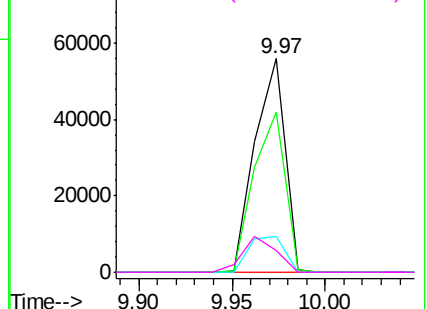
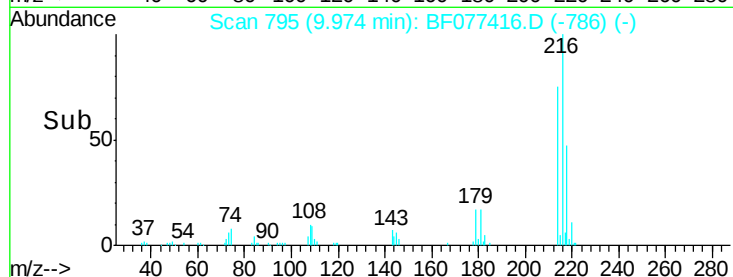


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.35 ng

RT: 9.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

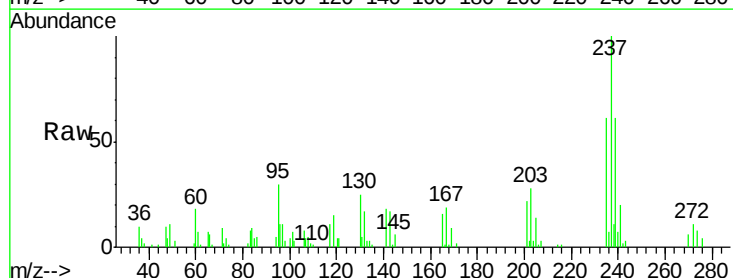
Tgt Ion:237 Resp: 50848

Ion Ratio Lower Upper

237 100

235 61.2 41.0 81.0

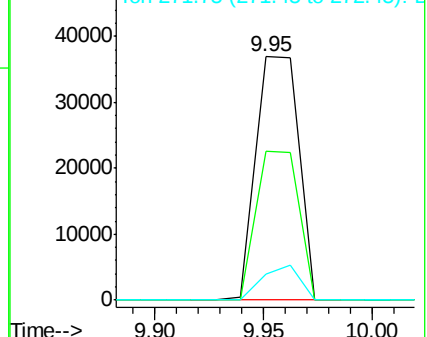
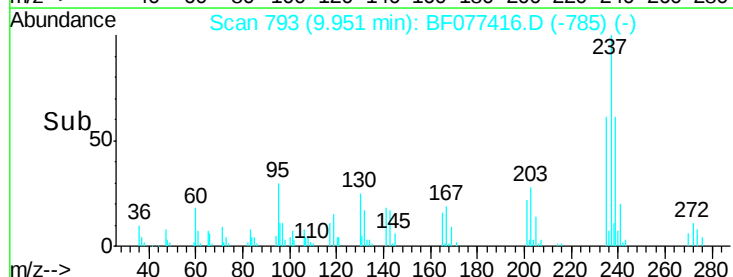
272 10.9 0.0 34.3

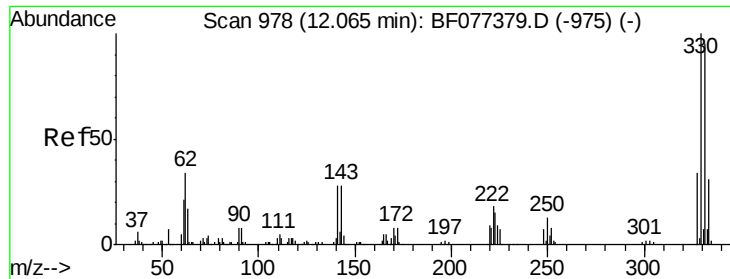


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

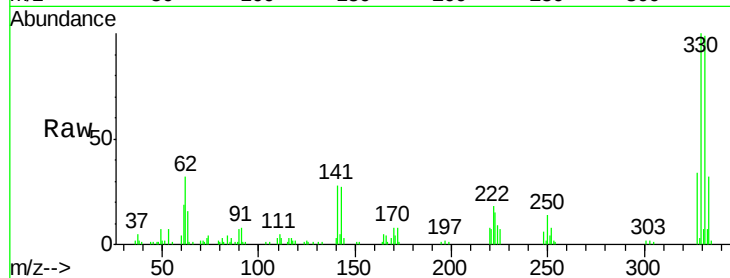




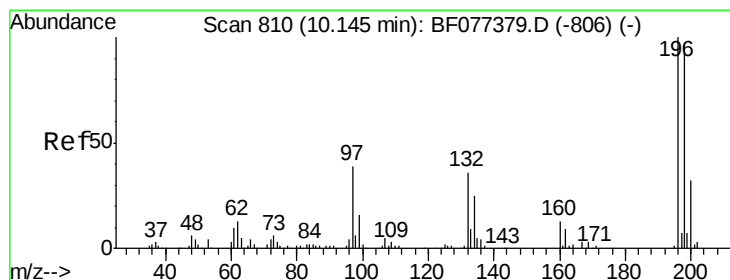
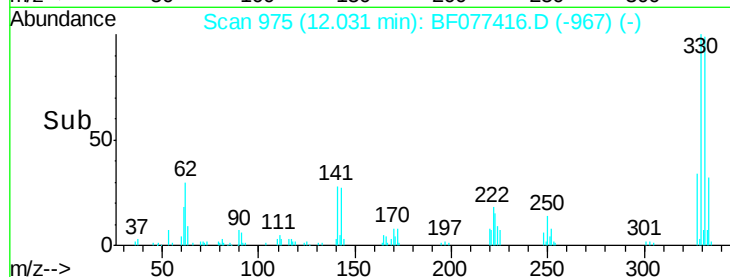
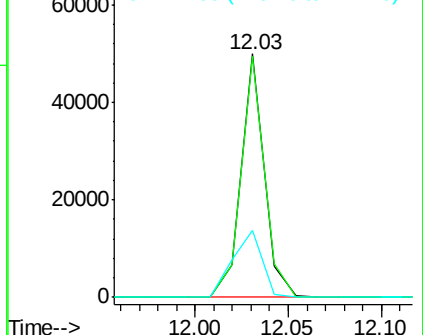
#41
 2,4,6-Tribromophenol
 Concen: 48.28 ng
 RT: 12.03 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 43461
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.4 116.2
 141 35.1 28.8 43.2

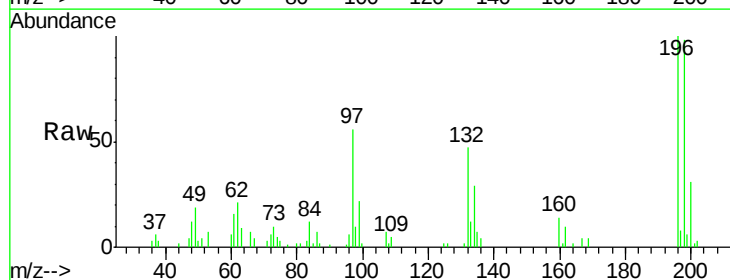


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

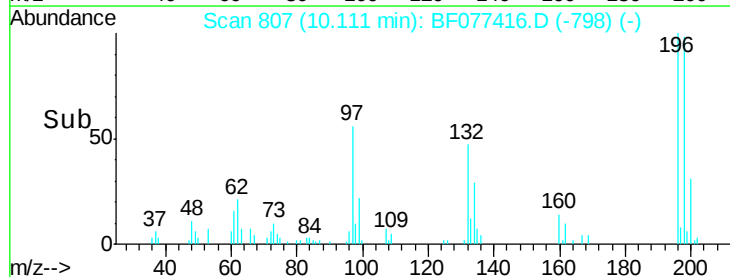
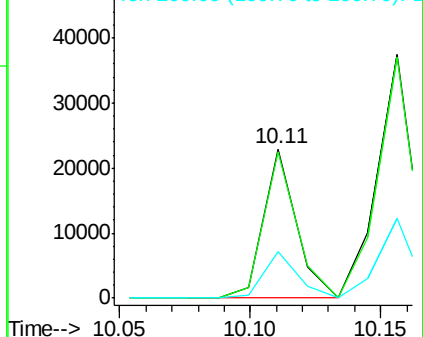


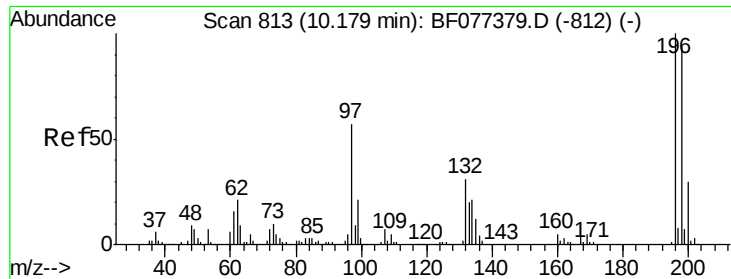
#42
 2,4,6-Trichlorophenol
 Concen: 11.34 ng
 RT: 10.11 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:196 Resp: 20139
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.8 113.8
 200 30.9 24.2 36.4



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

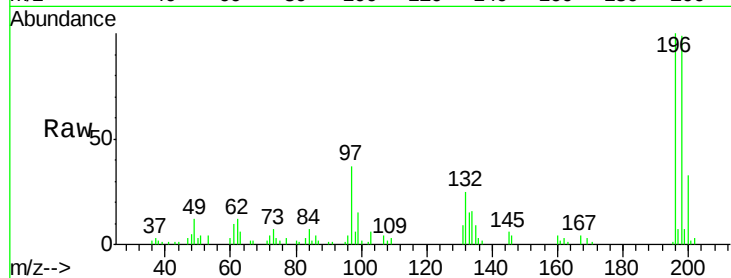




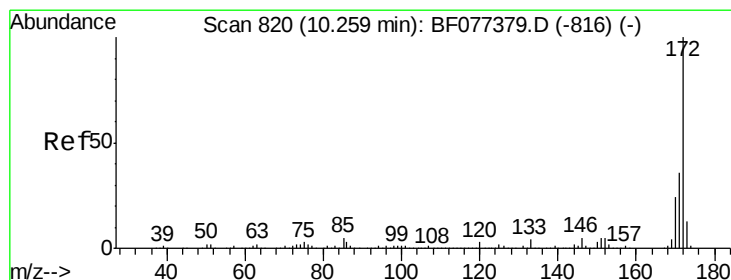
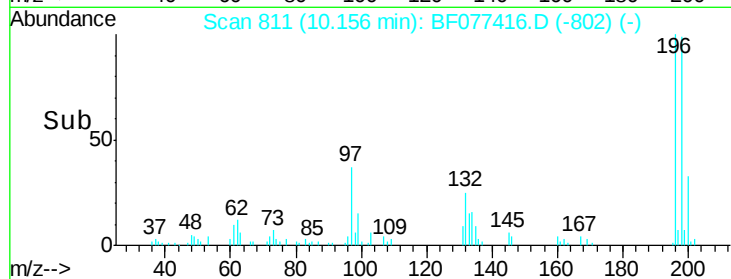
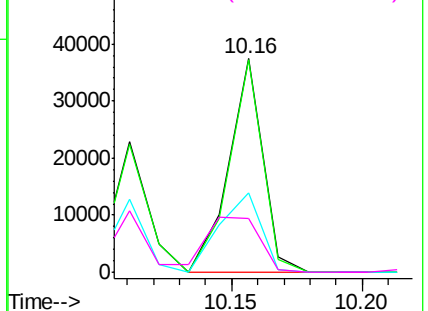
#43
 2,4,5-Trichlorophenol
 Concen: 18.07 ng
 RT: 10.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 34336
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.2 115.8
 97 37.3 27.7 41.5
 132 25.3 18.0 27.0

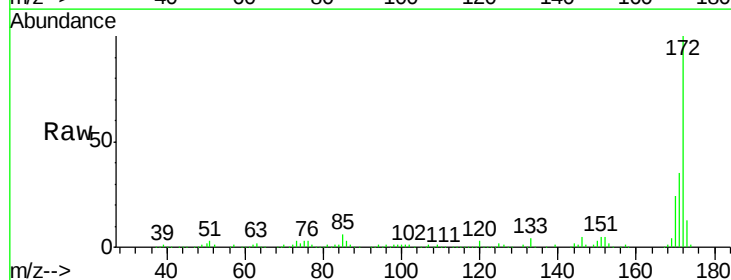


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

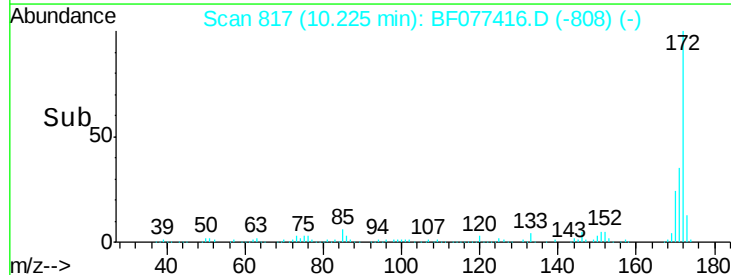
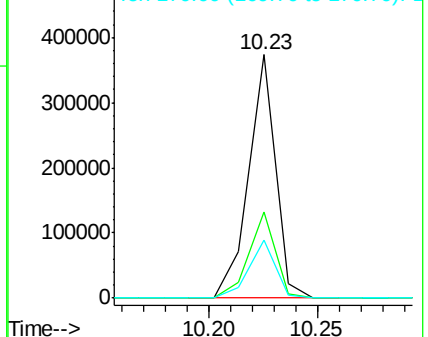


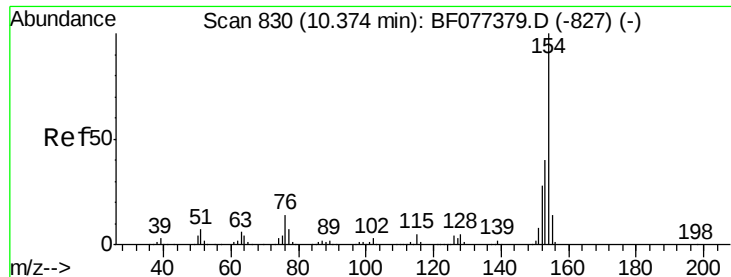
#44
 2-Fluorobiphenyl
 Concen: 53.41 ng
 RT: 10.23 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:172 Resp: 320290
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.7 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

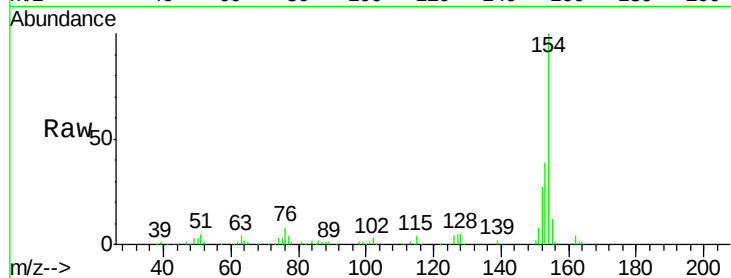




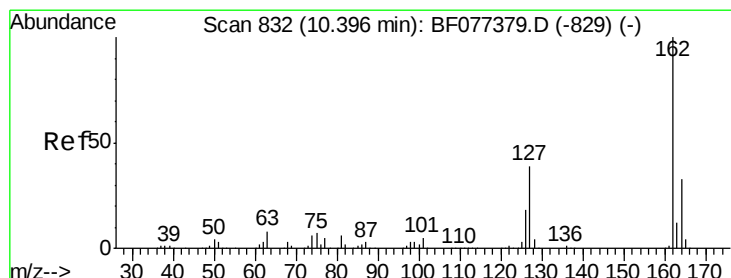
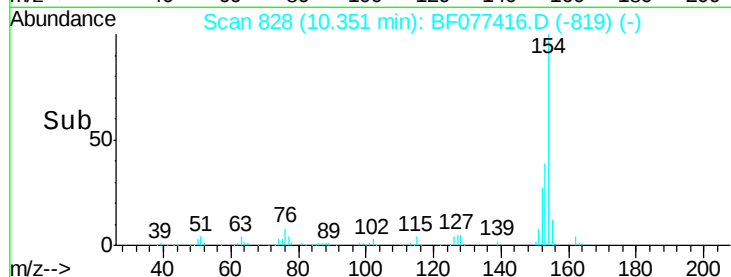
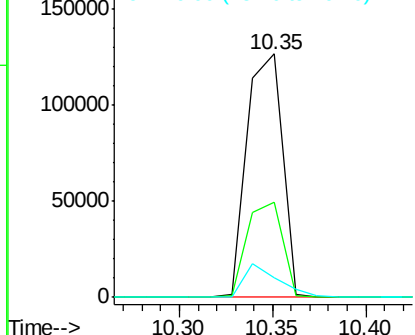
#45
1,1'-Biphenyl
Concen: 23.58 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 166999
Ion Ratio Lower Upper
154 100
153 39.2 20.2 60.2
76 8.1 0.0 29.4

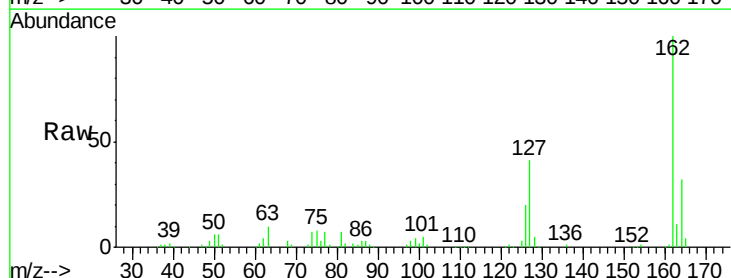


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

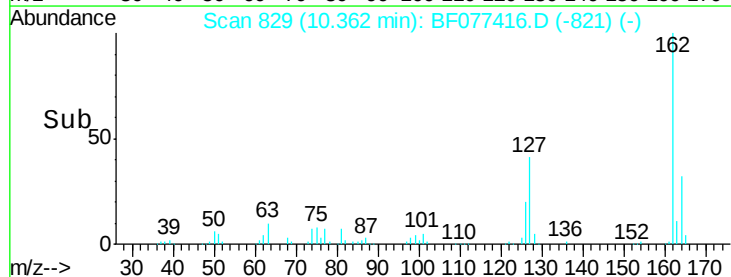
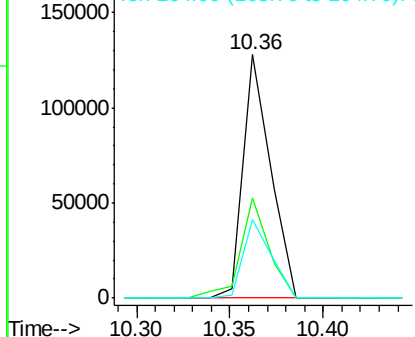


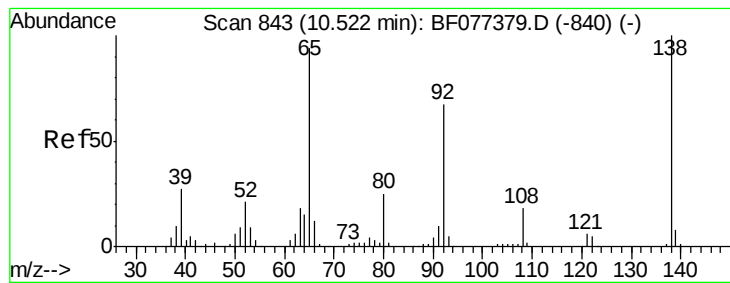
#46
2-Chloronaphthalene
Concen: 23.52 ng
RT: 10.36 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:162 Resp: 130649
Ion Ratio Lower Upper
162 100
127 41.0 33.3 49.9
164 32.4 26.2 39.4



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





#47

2-Nitroaniline

Concen: 25.26 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

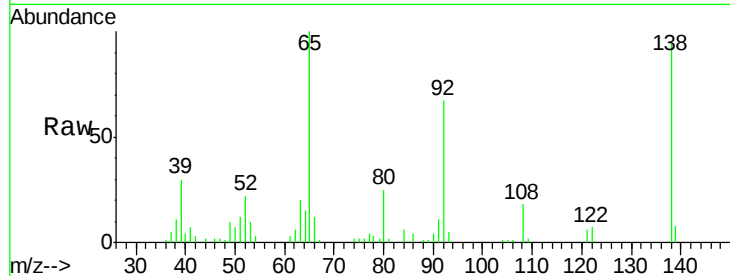
Tgt Ion: 65 Resp: 34545

Ion Ratio Lower Upper

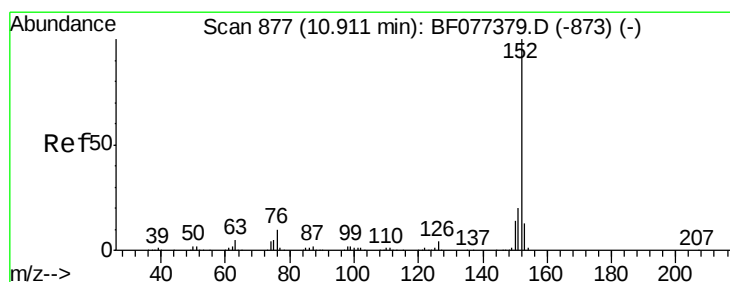
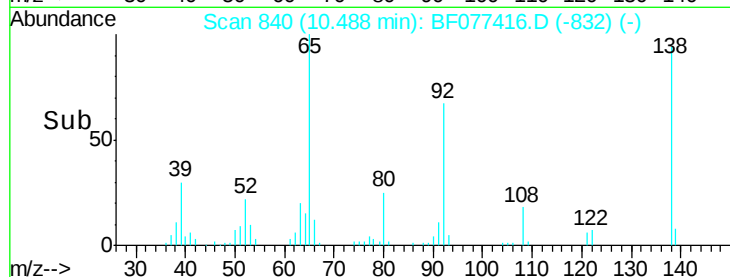
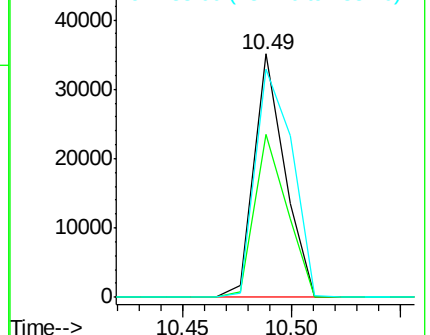
65 100

92 67.0 52.4 78.6

138 93.8 73.4 110.0



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



#48

Acenaphthylene

Concen: 24.43 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

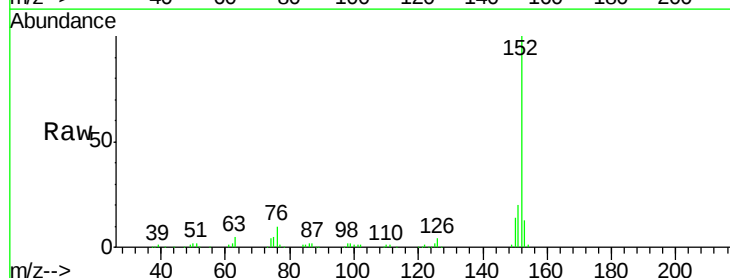
Tgt Ion: 152 Resp: 214821

Ion Ratio Lower Upper

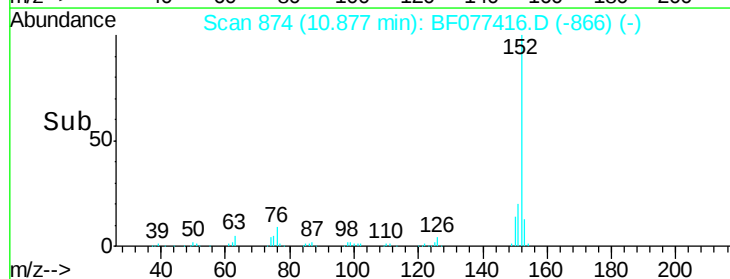
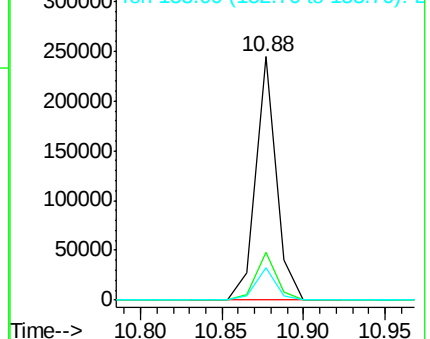
152 100

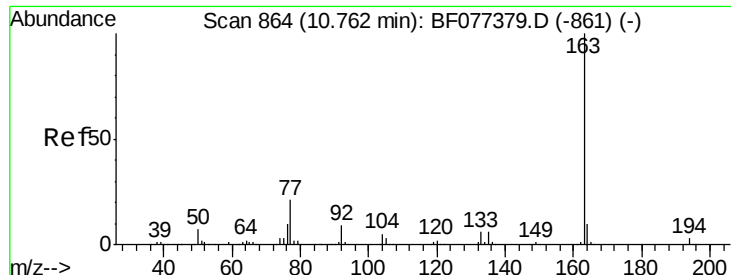
151 19.8 16.1 24.1

153 13.1 10.9 16.3



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

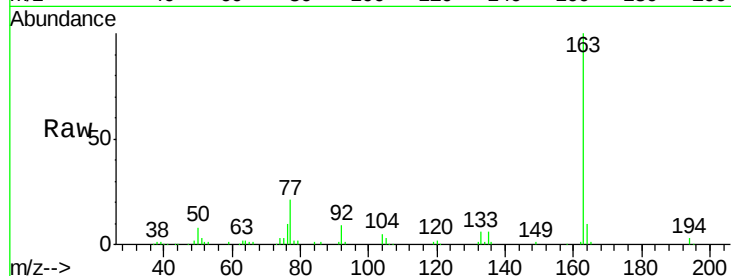




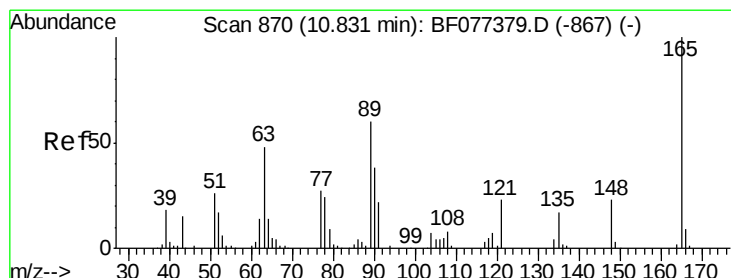
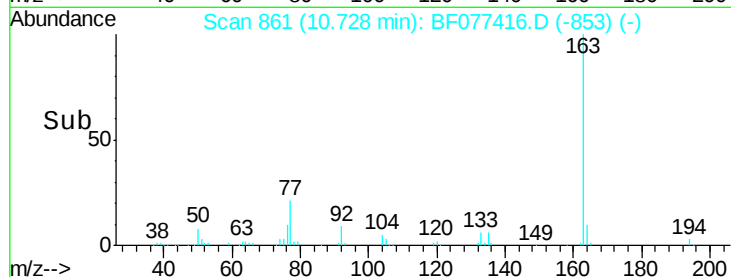
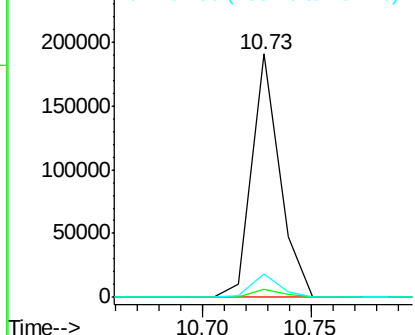
#49
Dimethylphthalate
Concen: 25.89 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 170164
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 8.6 13.0

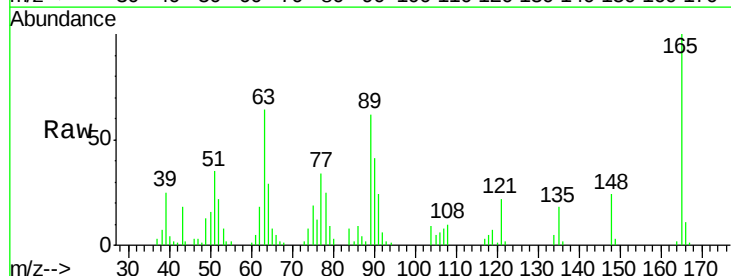


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

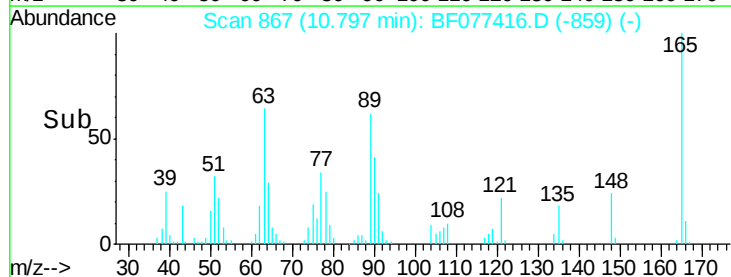
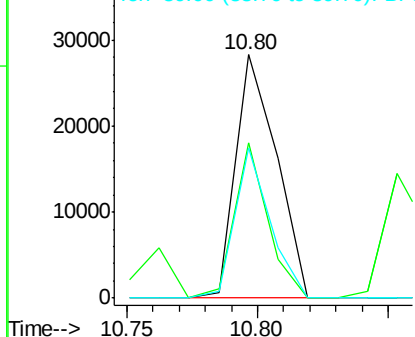


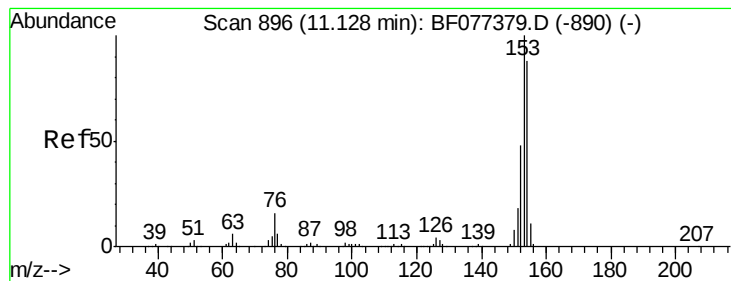
#50
2,6-Dinitrotoluene
Concen: 23.54 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:165 Resp: 31030
Ion Ratio Lower Upper
165 100
63 63.8 25.2 37.8#
89 61.8 30.5 45.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.76 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

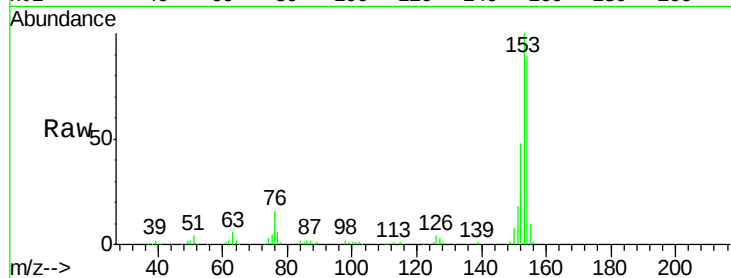
Tgt Ion:154 Resp: 124686

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

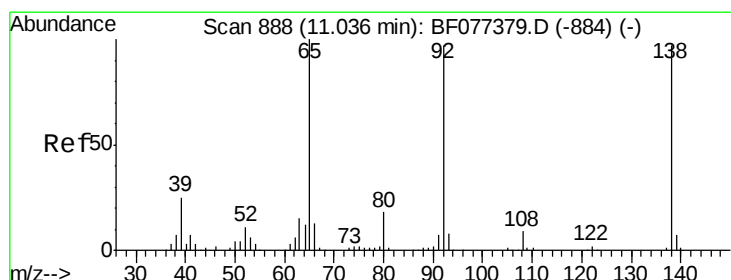
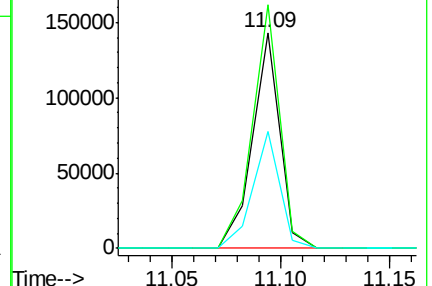
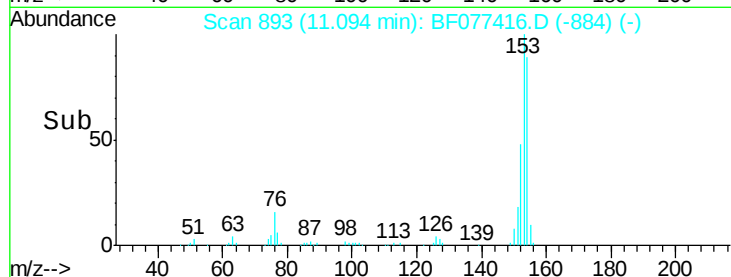
152 53.9 43.5 65.3



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: 23.63 ng

RT: 11.00 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

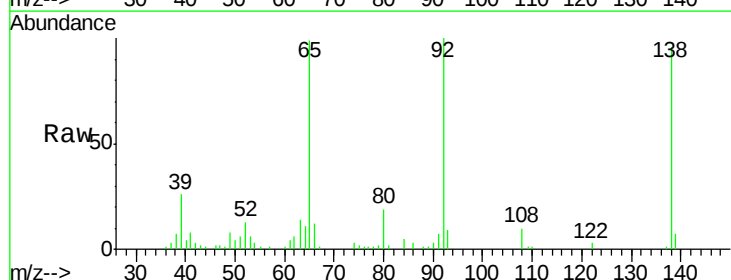
Tgt Ion:138 Resp: 35905

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.8

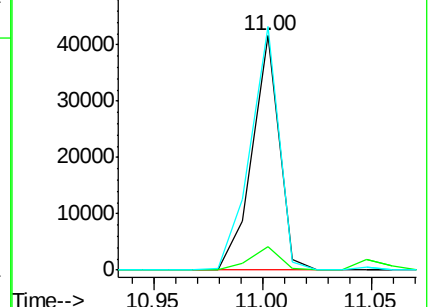
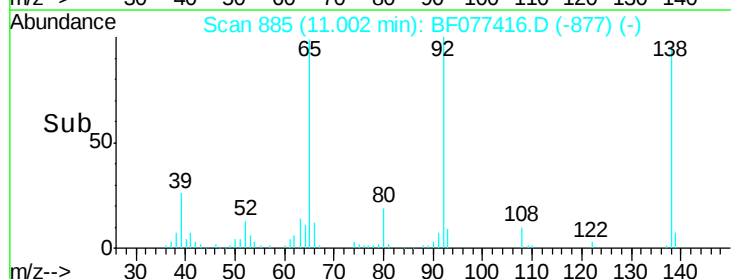
92 103.9 90.6 135.8

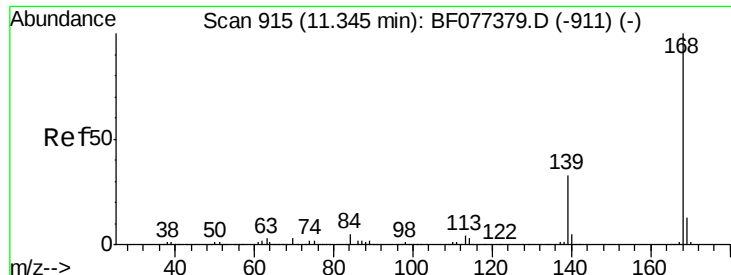


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

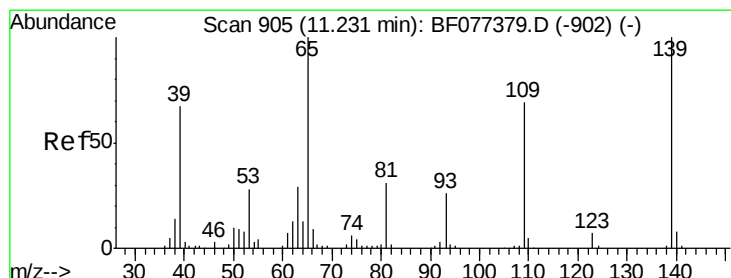
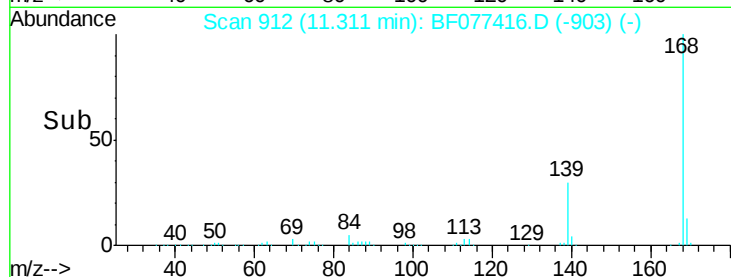
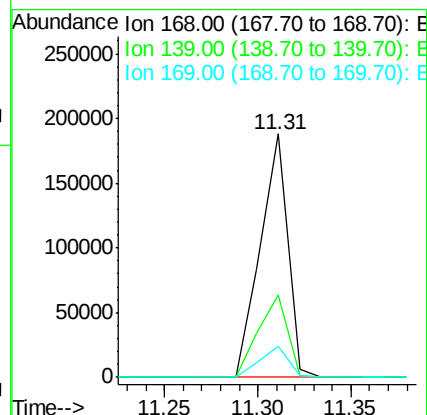
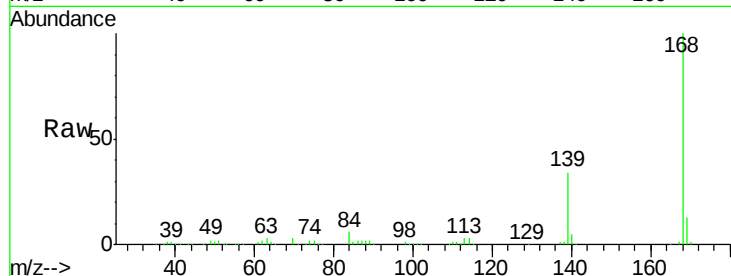




#54
Dibenzofuran
Concen: 23.62 ng
RT: 11.31 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

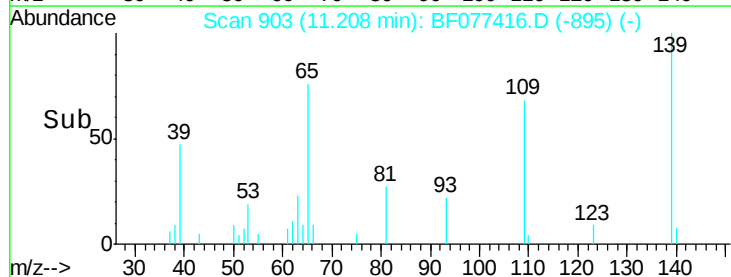
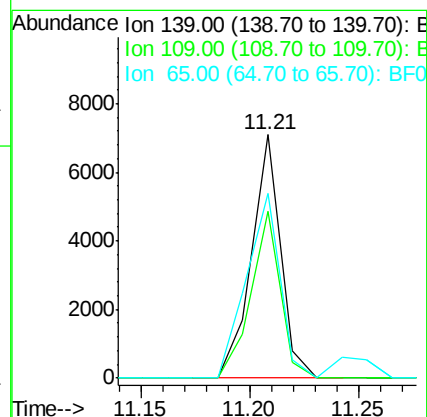
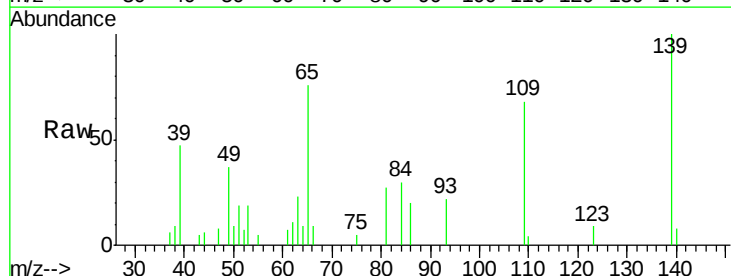
Instrument :
BNA_F
ClientSampleId :

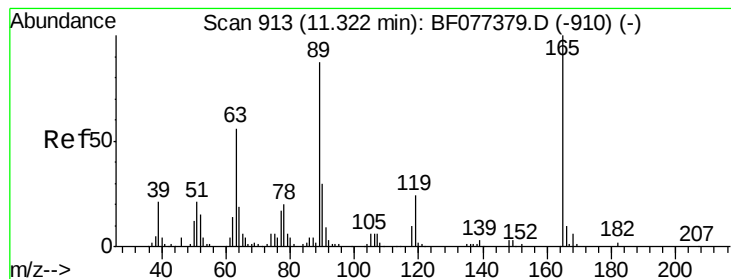
Tgt Ion:168 Resp: 191425
Ion Ratio Lower Upper
168 100
139 33.7 29.3 43.9
169 12.8 10.9 16.3



#55
4-Nitrophenol
Concen: 5.38 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:139 Resp: 6578
Ion Ratio Lower Upper
139 100
109 68.5 36.2 76.2
65 75.7 40.3 80.3





#56

2,4-Dinitrotoluene

Concen: 22.66 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampled :

Tgt Ion:165 Resp: 40353

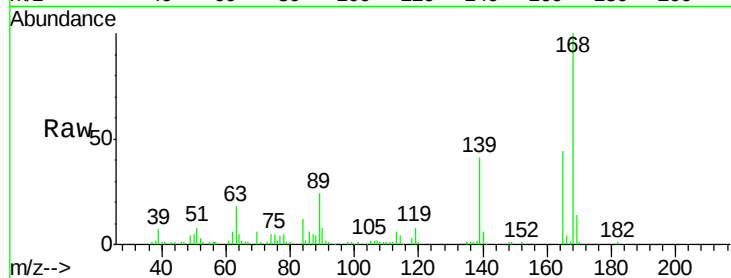
Ion Ratio Lower Upper

165 100

63 40.3 29.8 44.8

89 54.4 48.5 72.7

182 2.5 1.9 2.9

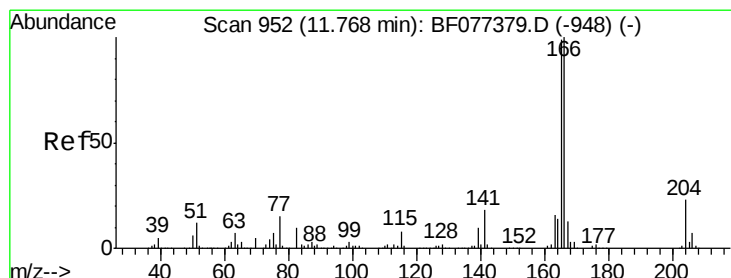
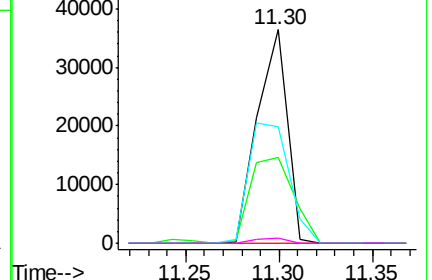
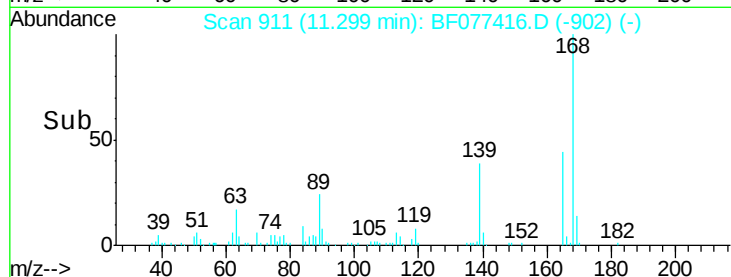


Abundance Ion 165.00 (164.70 to 165.70): E

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: 23.83 ng

RT: 11.73 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

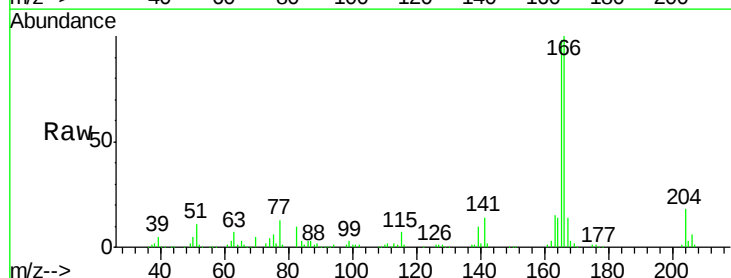
Tgt Ion:166 Resp: 154374

Ion Ratio Lower Upper

166 100

165 98.3 77.6 116.4

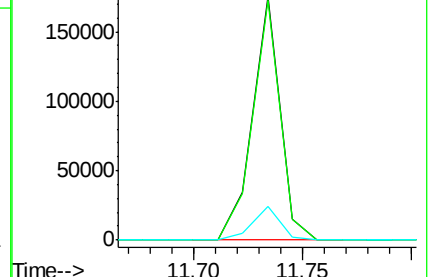
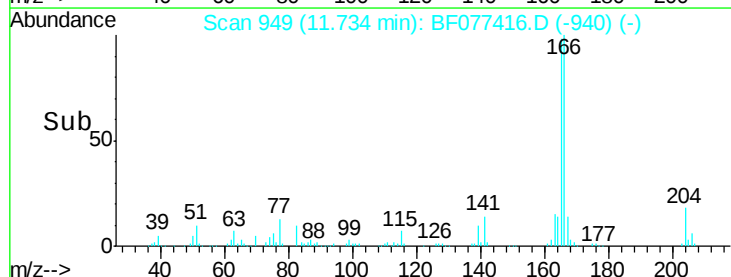
167 13.8 10.6 16.0

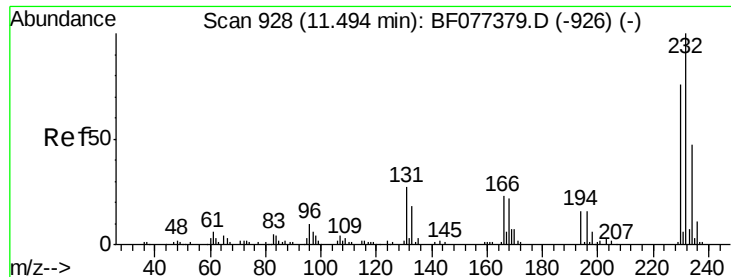


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

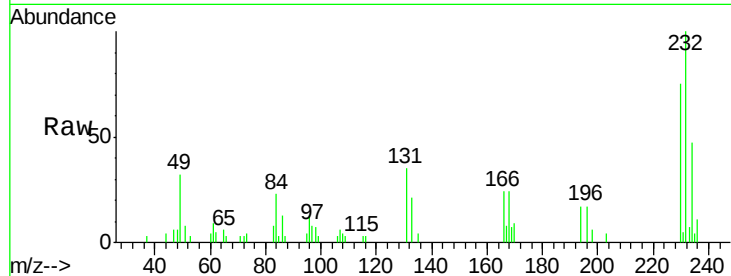




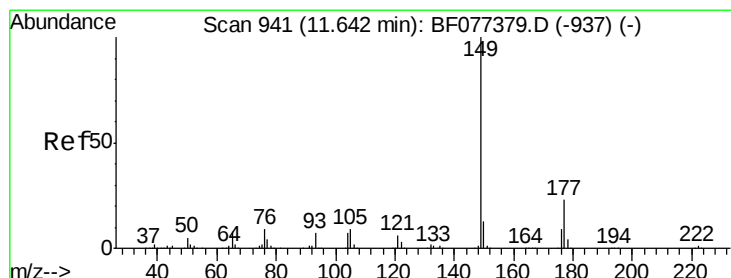
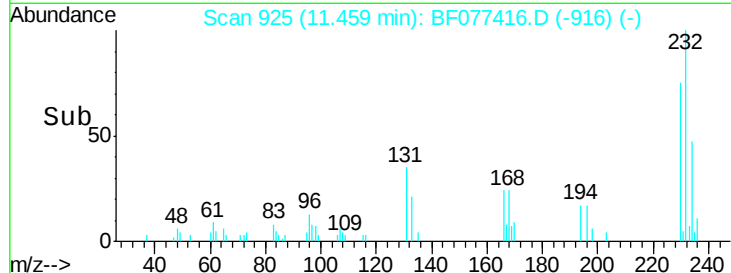
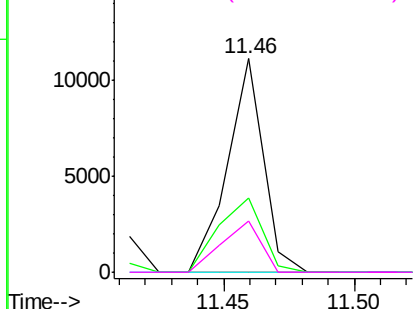
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.04 ng
 RT: 11.46 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:232 Resp: 10755
 Ion Ratio Lower Upper
 232 100
 131 42.2 34.2 51.2
 130 0.0 1.8 2.6#
 166 26.0 24.3 36.5

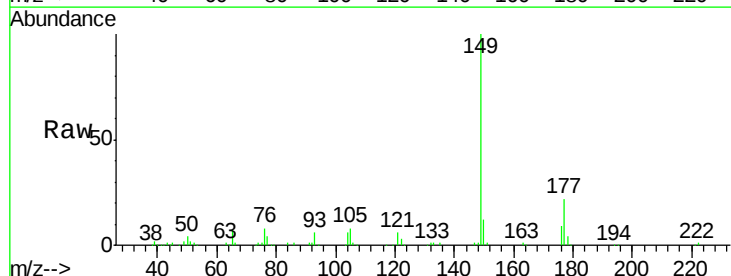


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

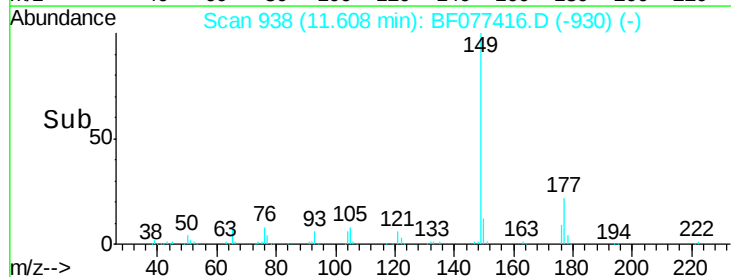
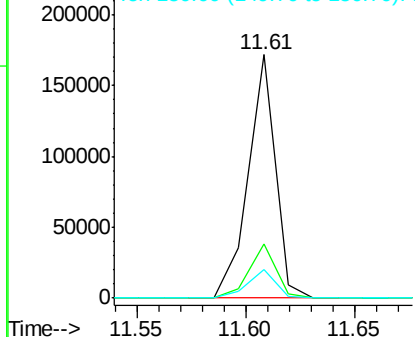


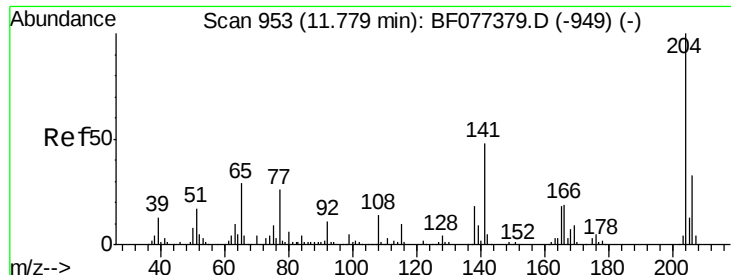
#59
 Diethylphthalate
 Concen: 22.94 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:149 Resp: 148659
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.2 25.8
 150 11.9 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

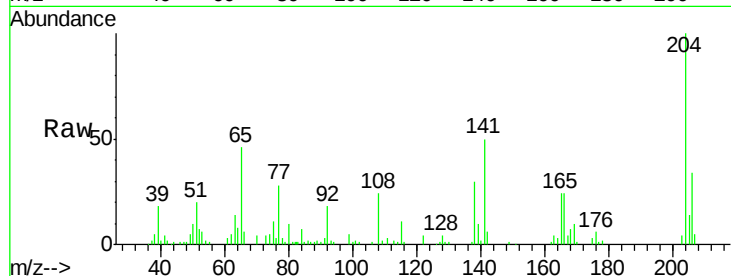




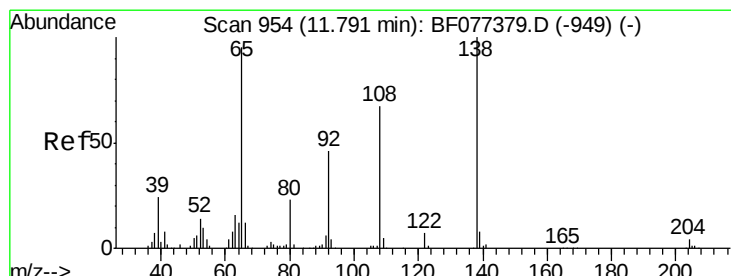
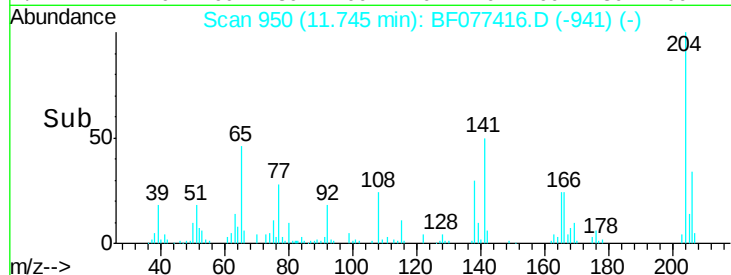
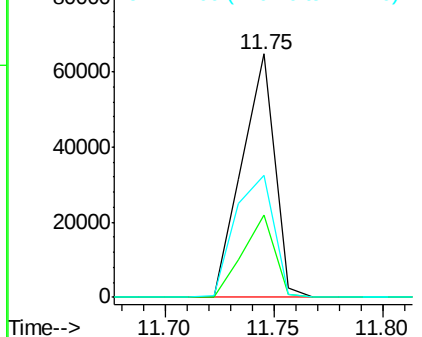
#60
 4-Chlorophenyl-phenylether
 Concen: 21.75 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:204 Resp: 67895
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.9 38.9
 141 50.2 43.6 65.4

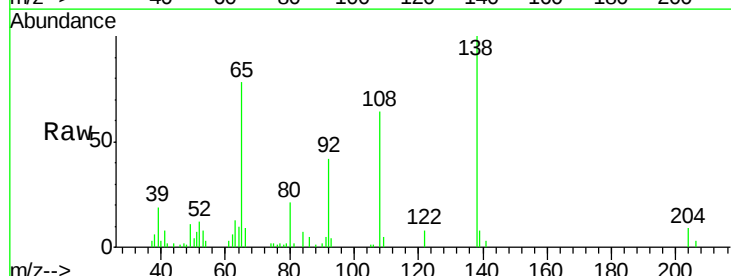


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

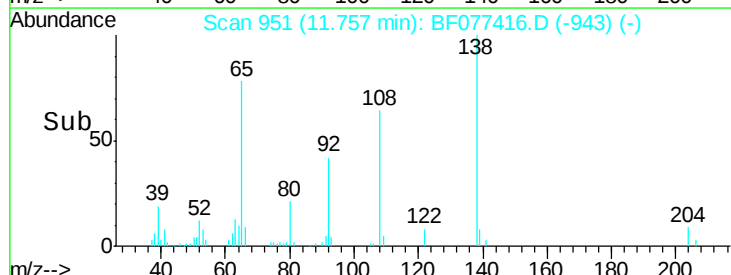
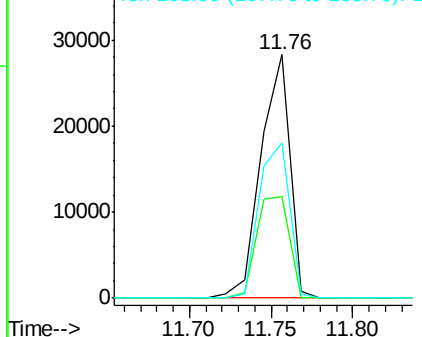


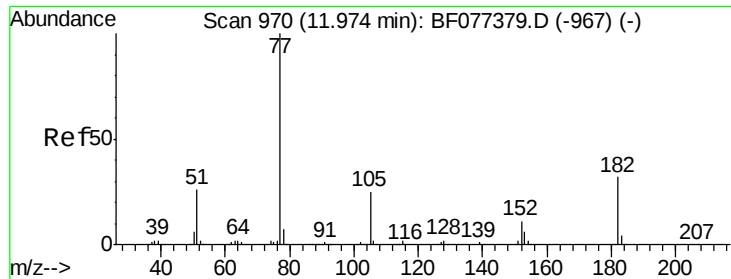
#61
 4-Nitroaniline
 Concen: 24.02 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:138 Resp: 34985
 Ion Ratio Lower Upper
 138 100
 92 42.0 32.8 72.8
 108 63.5 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: 25.51 ng

RT: 11.94 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 156793

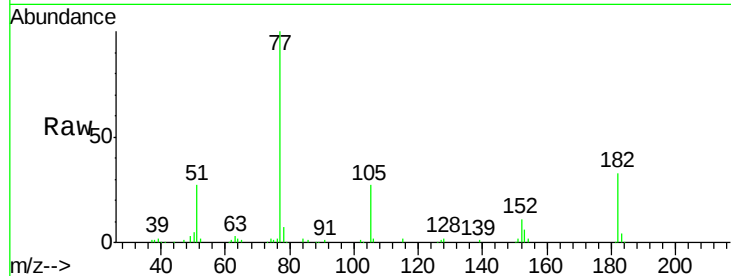
Ion Ratio Lower Upper

77 100

182 33.3 4.9 44.9

105 26.7 3.3 43.3

51 26.5 8.9 48.9

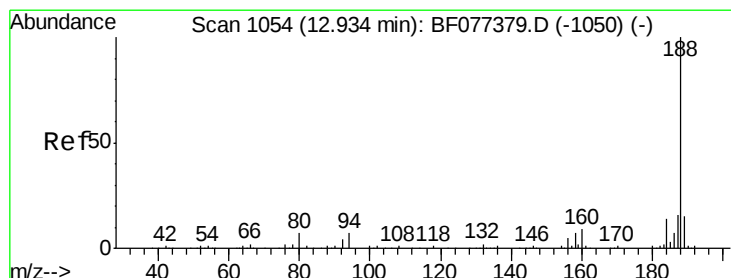
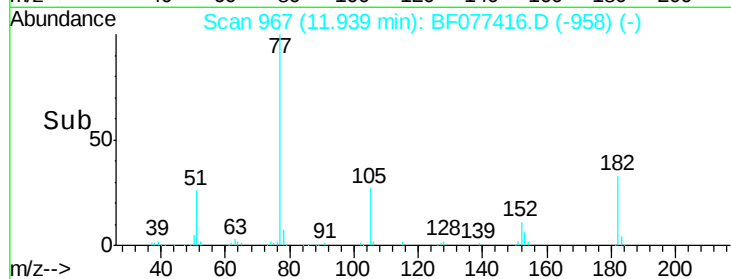
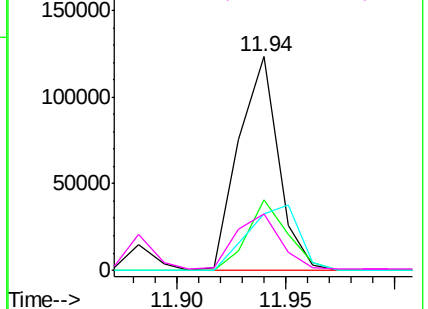


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

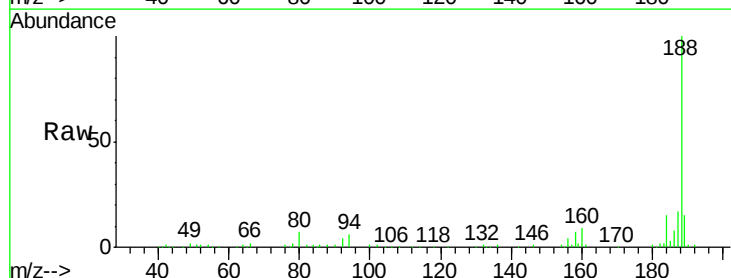
Tgt Ion: 188 Resp: 182806

Ion Ratio Lower Upper

188 100

94 6.4 7.4 11.2#

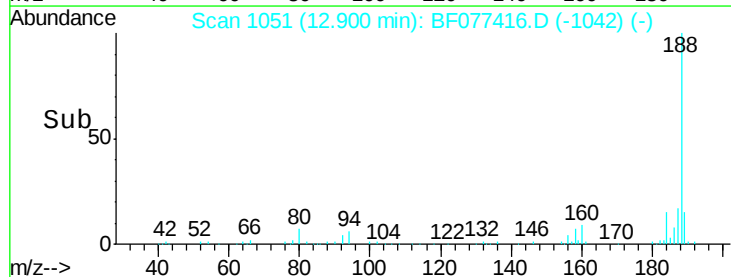
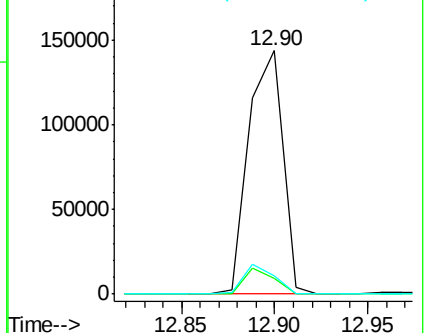
80 7.3 8.0 12.0#

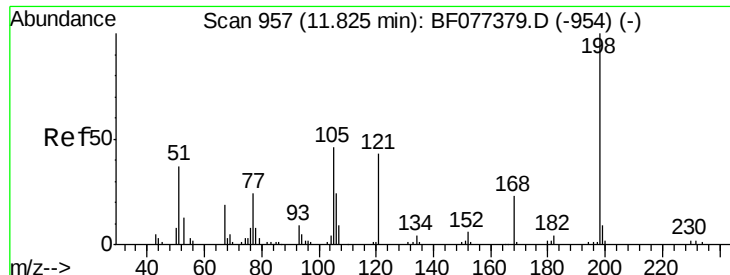


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

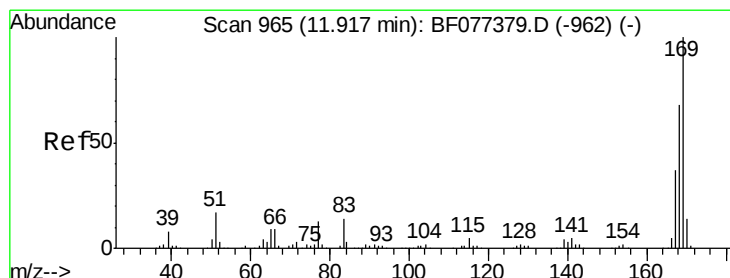
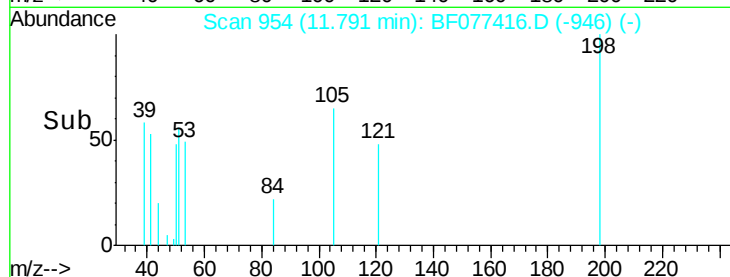
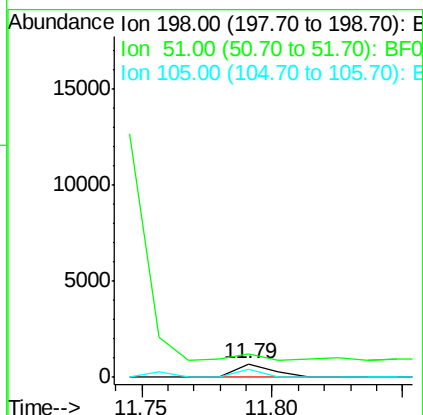
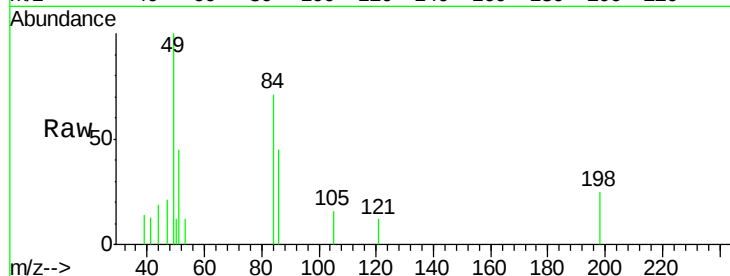




#64
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

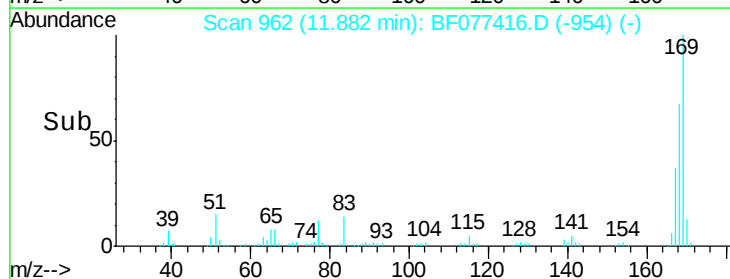
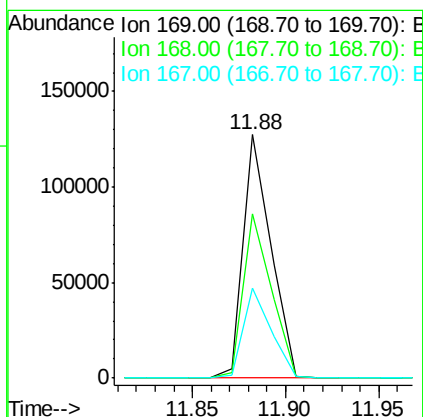
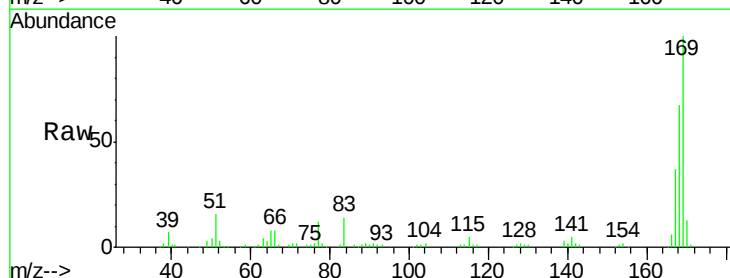
Instrument :
BNA_F
ClientSampleId :

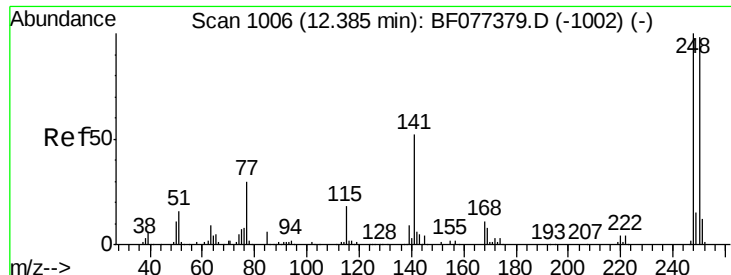
Tgt Ion:198 Resp: 684
Ion Ratio Lower Upper
198 100
51 182.0 2.7 42.7#
105 65.1 10.0 50.0#



#65
n-Nitrosodiphenylamine
Concen: 21.70 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:169 Resp: 131645
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.8 29.5 44.3

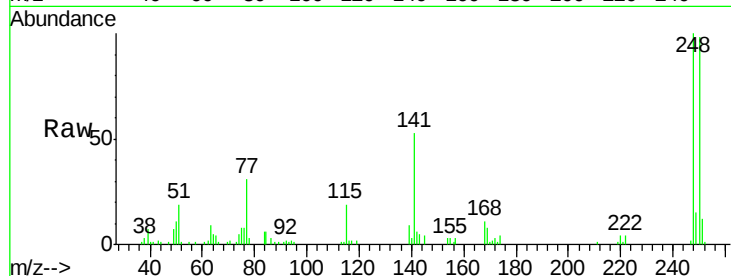




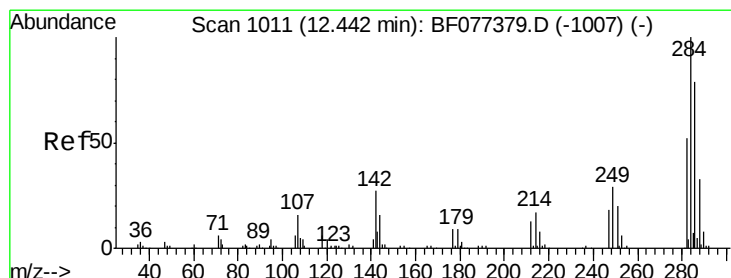
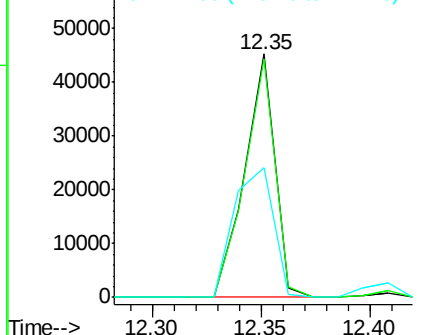
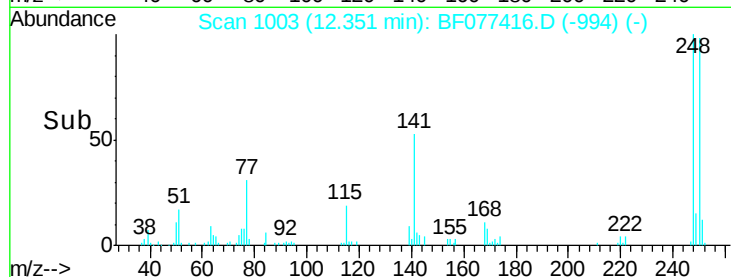
#66
 4-Bromophenyl-phenylether
 Concen: 20.29 ng
 RT: 12.35 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 248 Resp: 43443
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.0 117.0
 141 53.3 54.1 81.1#

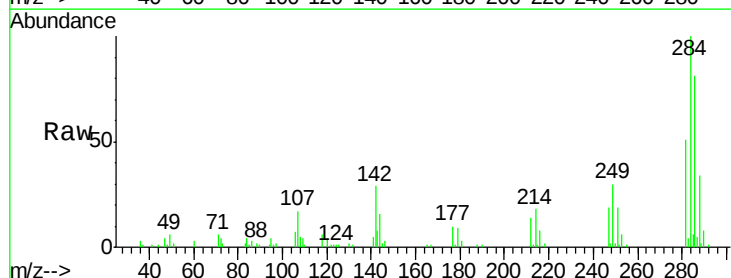


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

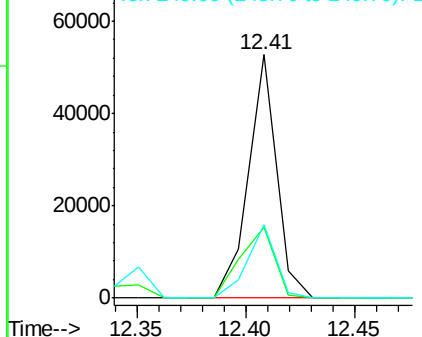
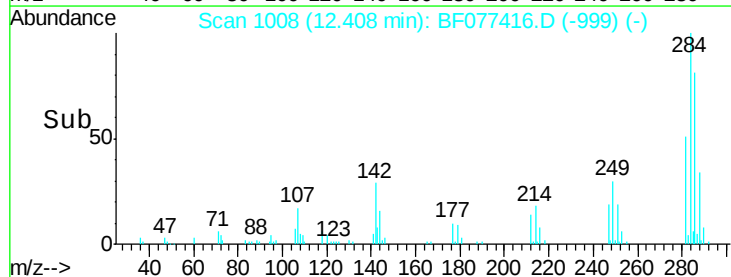


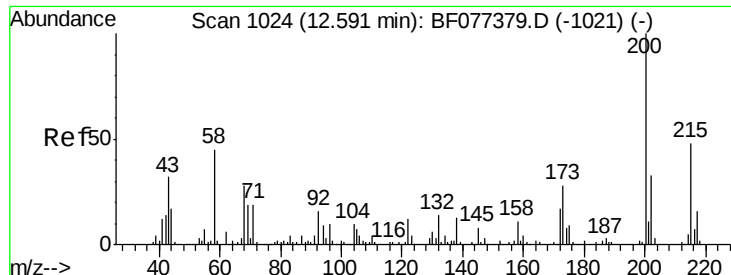
#67
 Hexachlorobenzene
 Concen: 20.69 ng
 RT: 12.41 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion: 284 Resp: 47530
 Ion Ratio Lower Upper
 284 100
 142 28.8 31.6 47.4#
 249 30.2 27.0 40.4



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

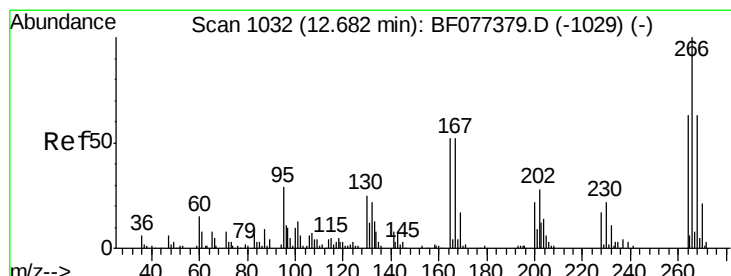
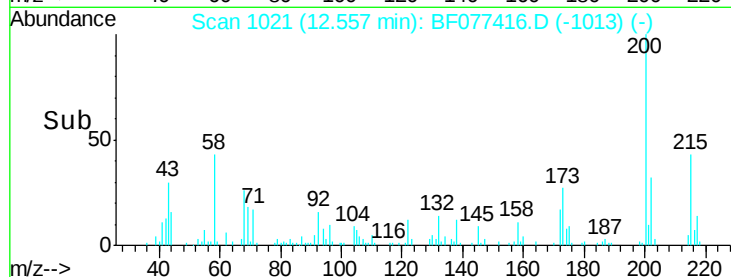
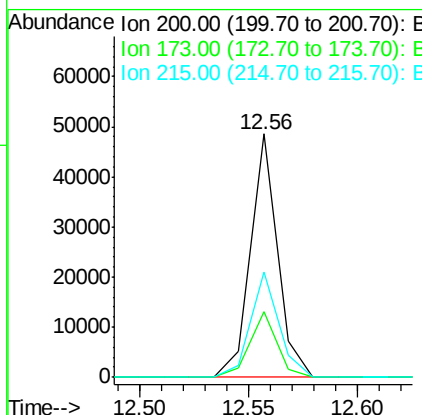
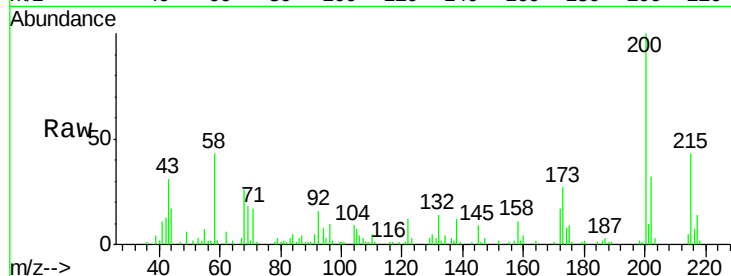




#68
Atrazine
Concen: 21.23 ng
RT: 12.56 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

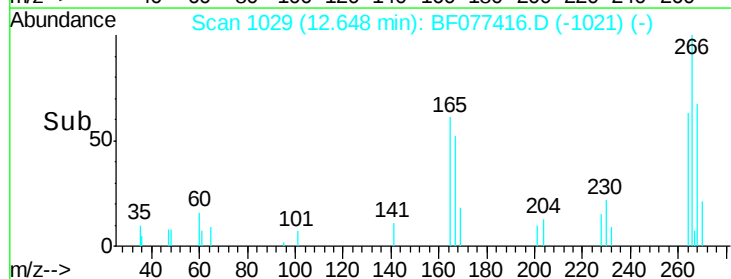
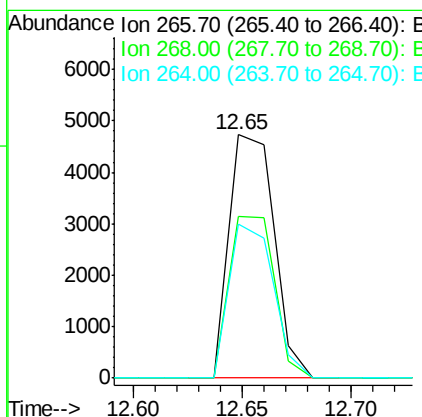
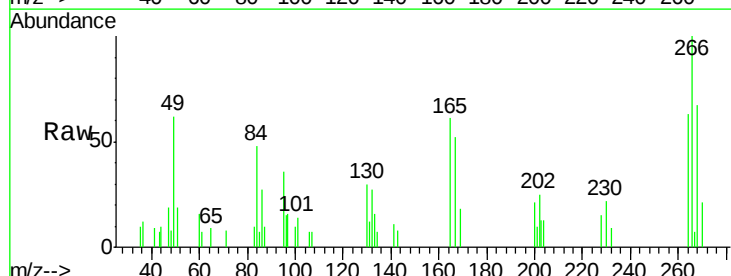
Instrument :
BNA_F
ClientSampleId :

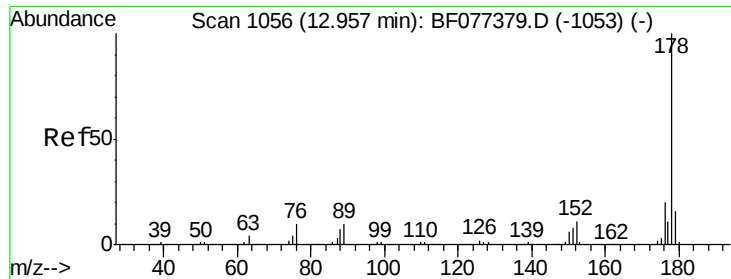
Tgt Ion:200 Resp: 41868
Ion Ratio Lower Upper
200 100
173 27.2 9.6 49.6
215 43.3 24.4 64.4



#69
Pentachlorophenol
Concen: 5.62 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:266 Resp: 6783
Ion Ratio Lower Upper
266 100
268 66.7 51.2 76.8
264 63.0 50.7 76.1





#70

Phenanthrene

Concen: 21.78 ng

RT: 12.92 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

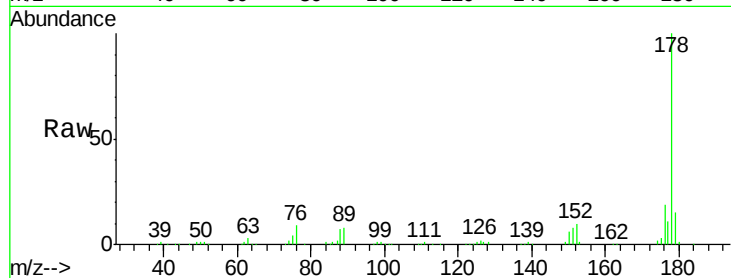
Tgt Ion:178 Resp: 230806

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

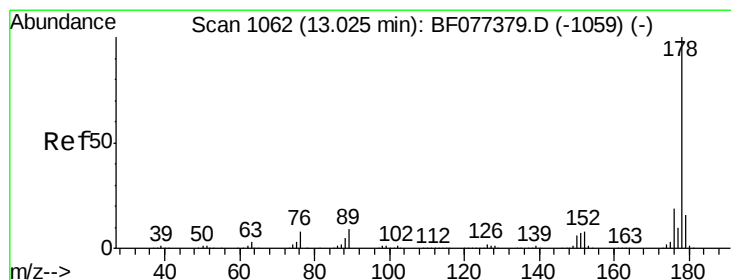
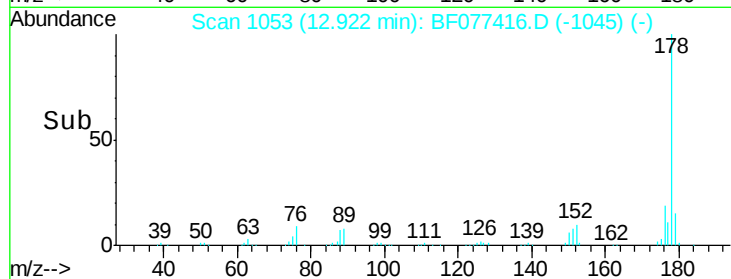
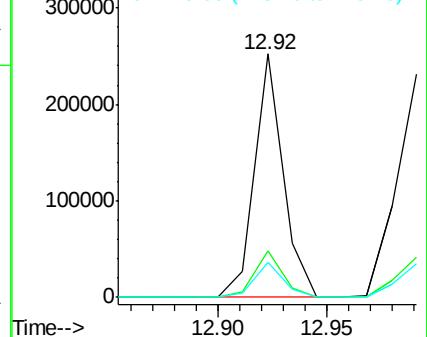
179 14.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 22.21 ng

RT: 12.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

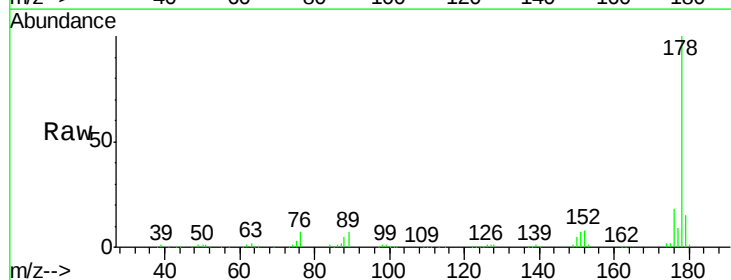
Tgt Ion:178 Resp: 233490

Ion Ratio Lower Upper

178 100

176 17.9 15.4 23.0

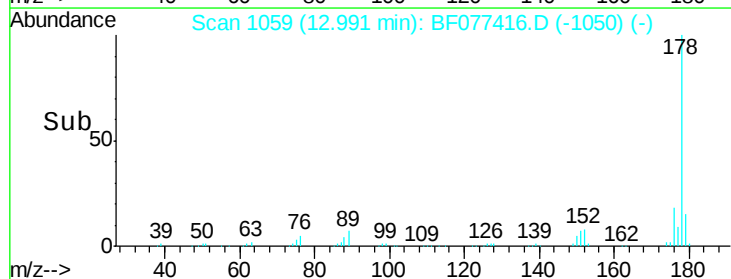
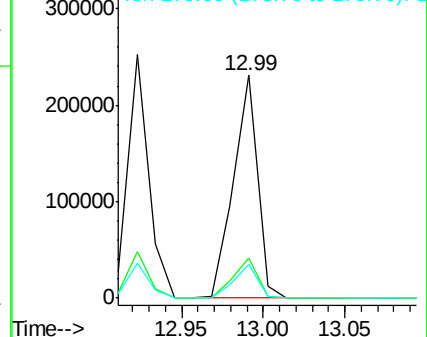
179 15.3 12.9 19.3

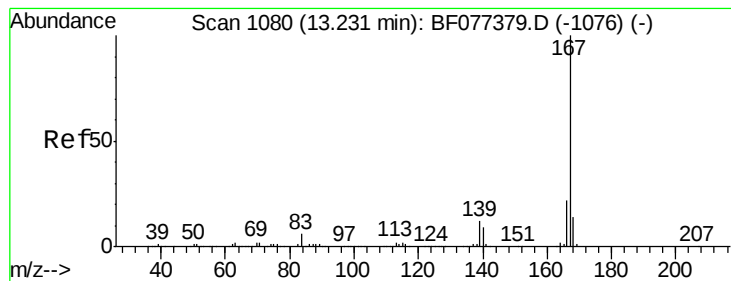


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 22.08 ng

RT: 13.20 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

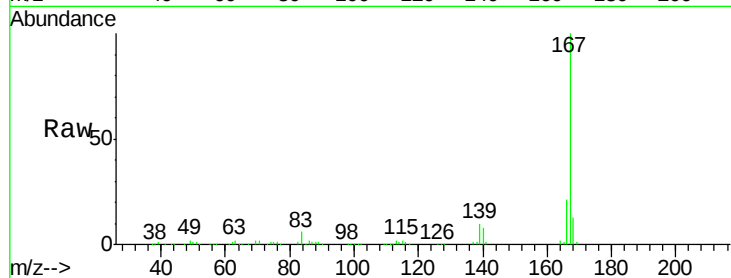
Tgt Ion:167 Resp: 220693

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

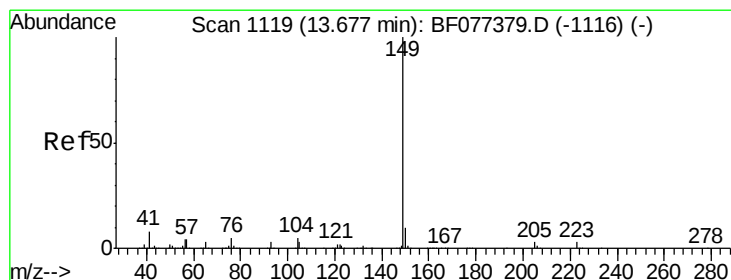
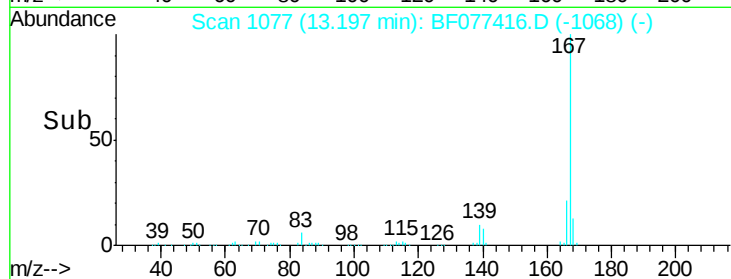
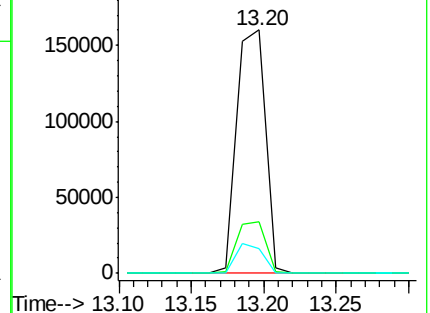
139 10.4 9.9 14.9



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: 20.02 ng

RT: 13.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

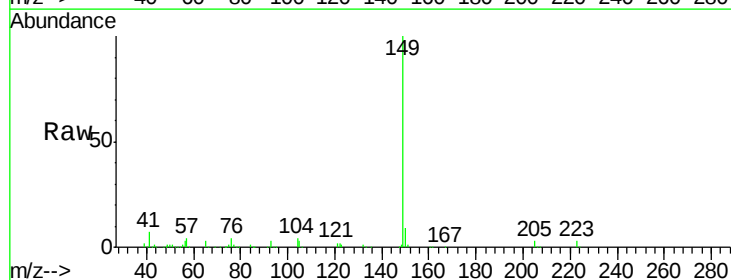
Tgt Ion:149 Resp: 235008

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

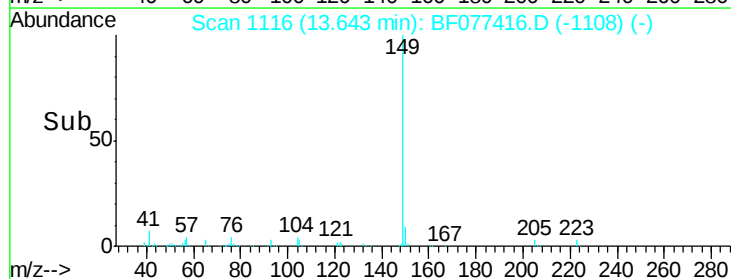
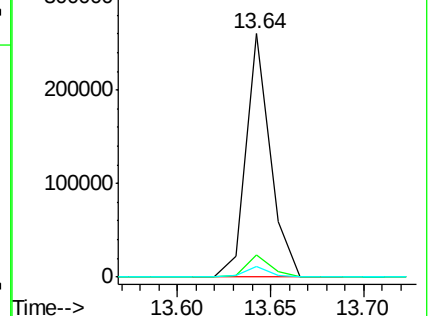
104 4.4 4.1 6.1

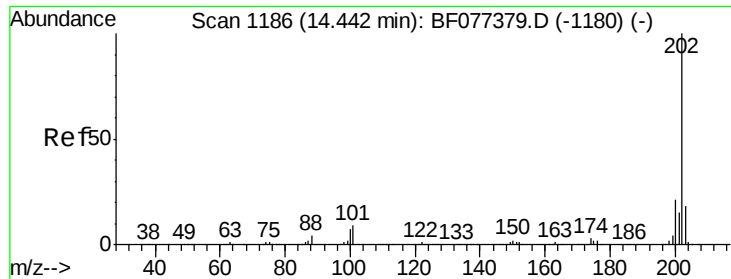


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

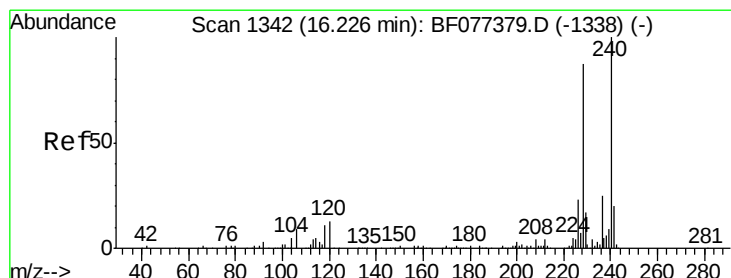
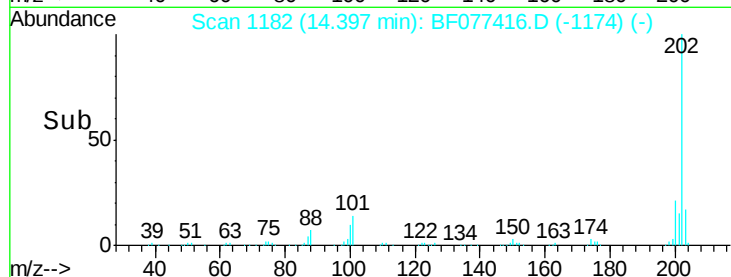
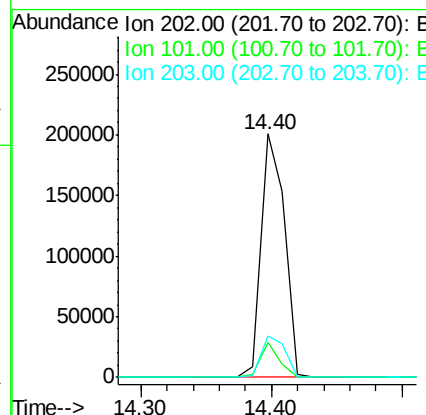
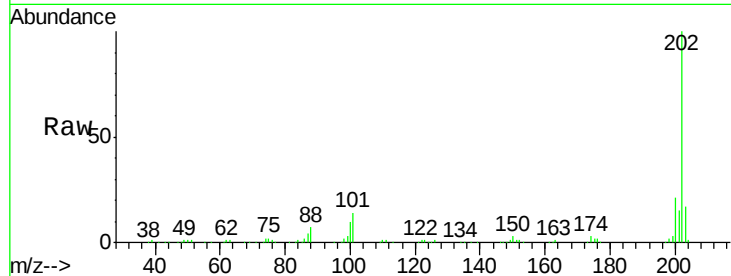




#74
 Fluoranthene
 Concen: 21.76 ng
 RT: 14.40 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

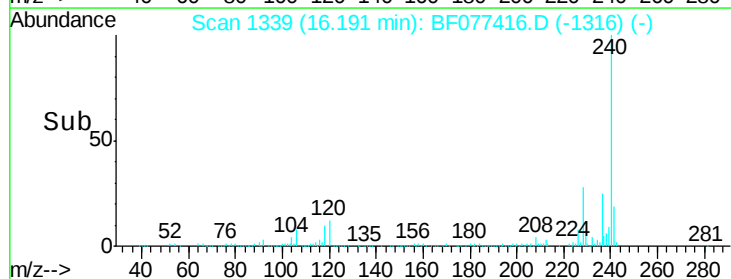
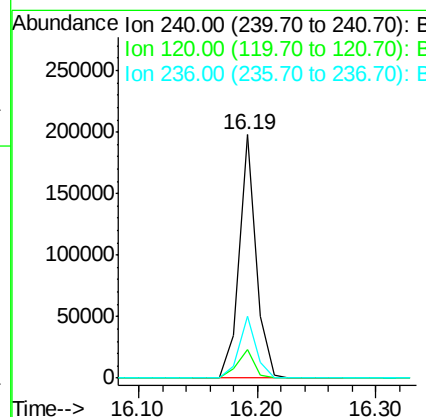
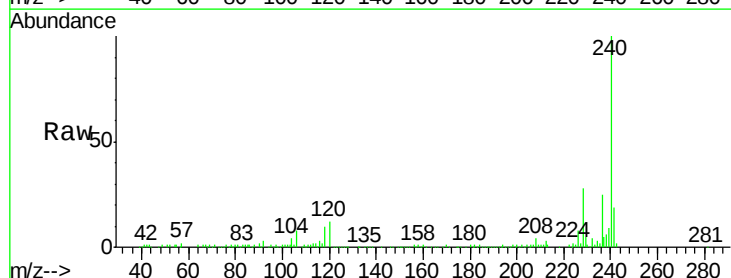
Instrument :
 BNA_F
 ClientSampled :

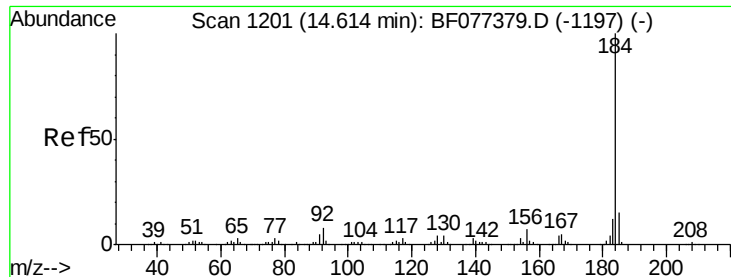
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.8
203	17.1	0.0	37.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.8	13.2
236	25.4	20.7	31.1

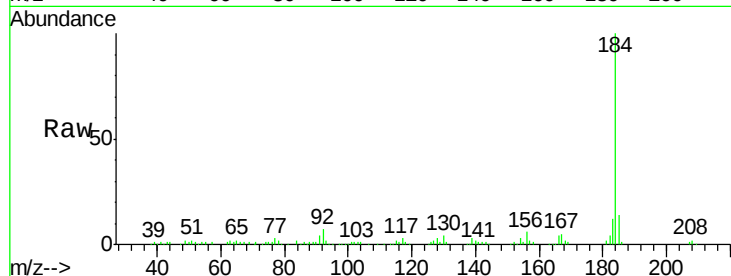




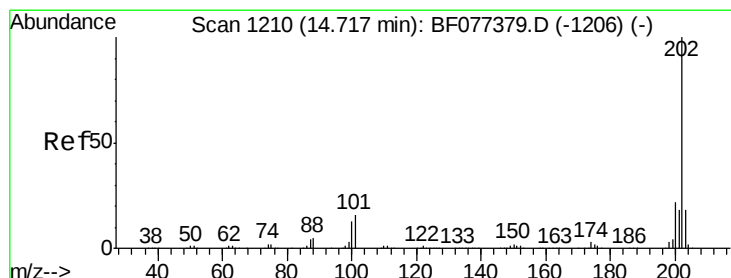
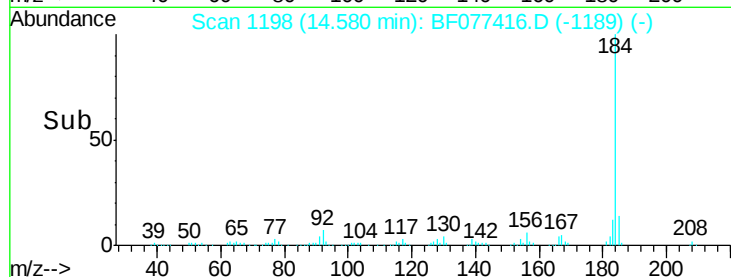
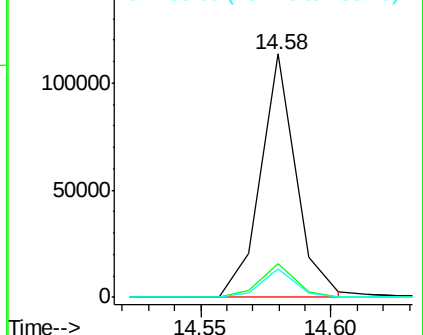
#76
Benzidine
Concen: 15.94 ng
RT: 14.58 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 106232
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.5 9.3 13.9

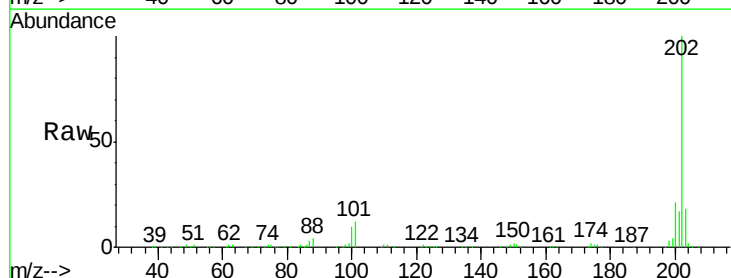


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

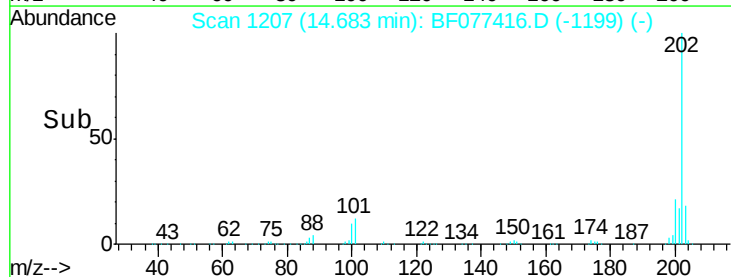
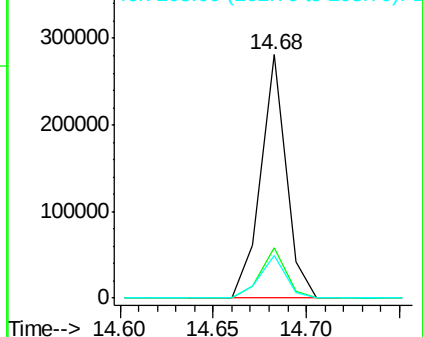


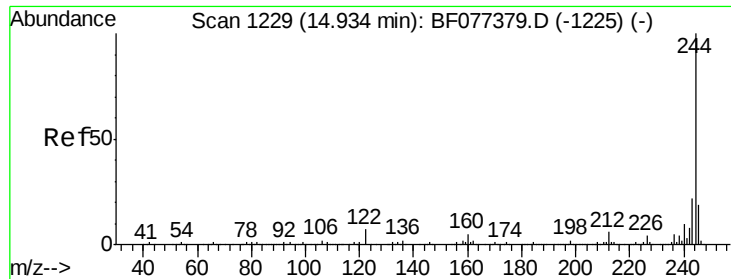
#77
Pyrene
Concen: 21.94 ng
RT: 14.68 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:202 Resp: 264774
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.5 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

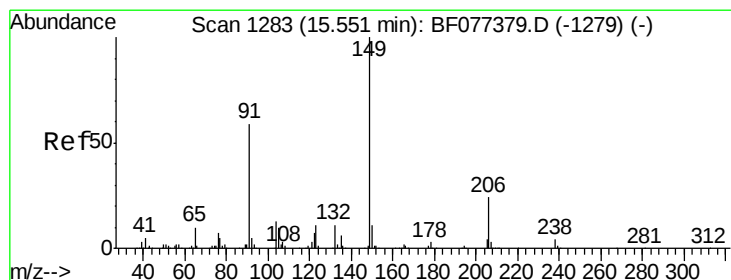
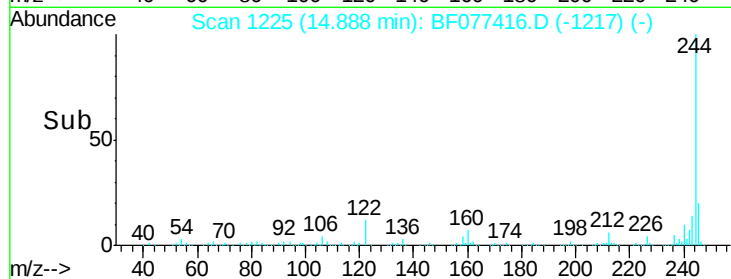
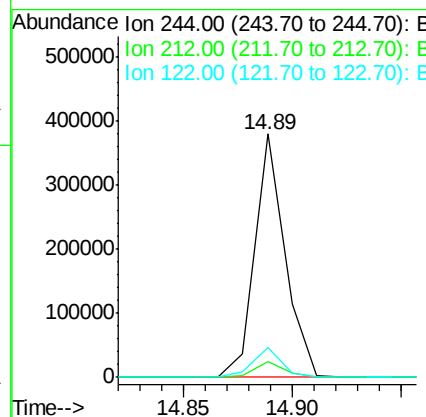
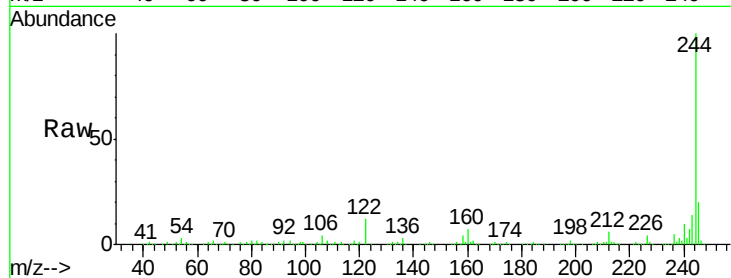




#78
 Terphenyl-d14
 Concen: 43.41 ng
 RT: 14.89 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

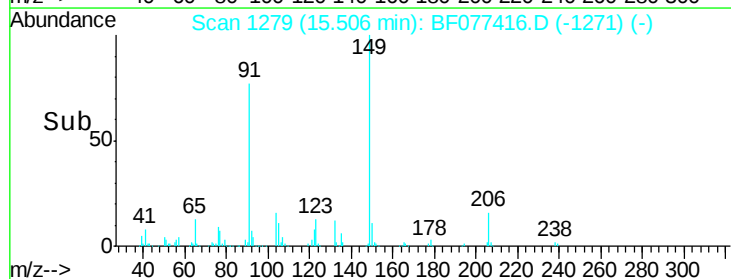
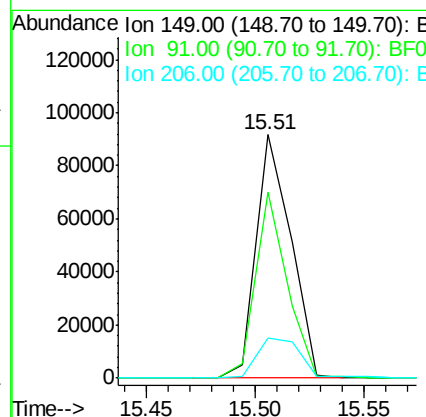
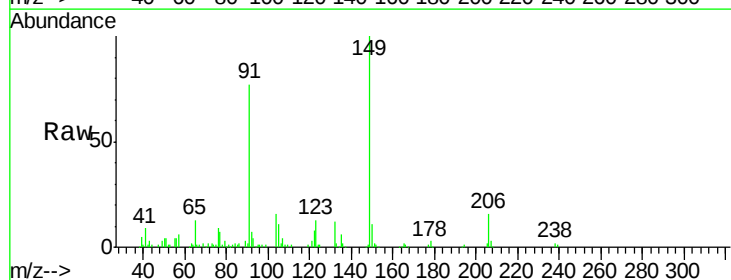
Instrument :
 BNA_F
 ClientSampled :

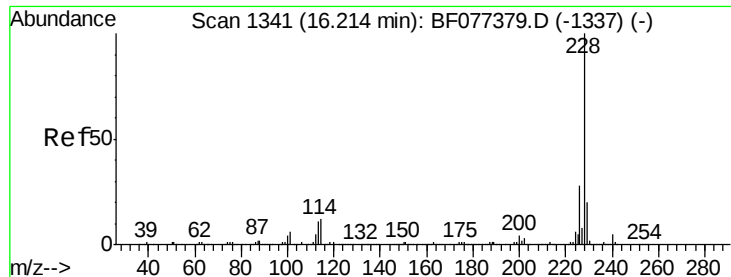
Tgt Ion:244 Resp: 366293
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 12.1 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 20.67 ng
 RT: 15.51 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF077416.D
 Acq: 24 Feb 2015 14:35

Tgt Ion:149 Resp: 102632
 Ion Ratio Lower Upper
 149 100
 91 76.6 51.2 76.8
 206 16.3 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 22.04 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

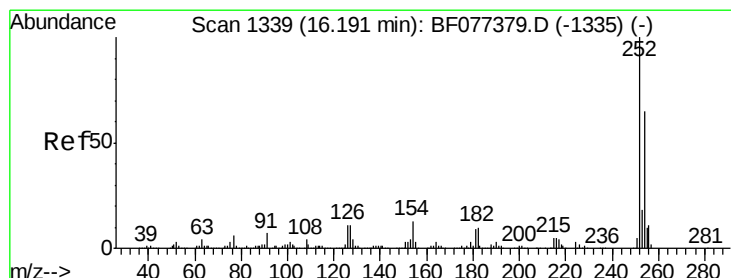
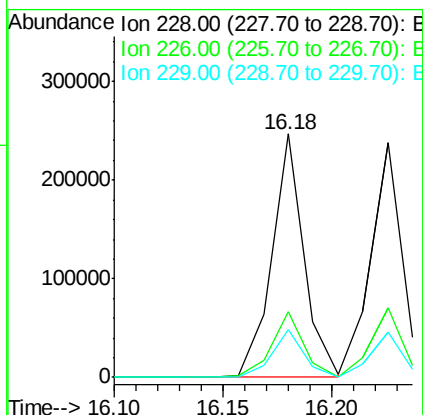
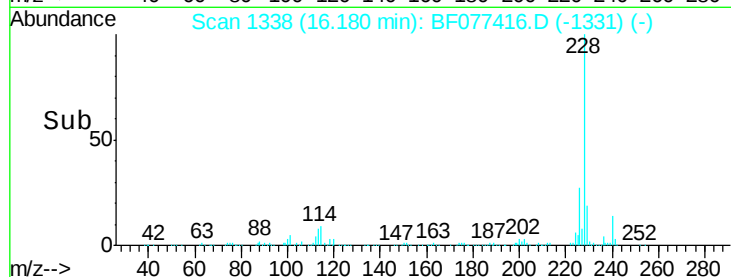
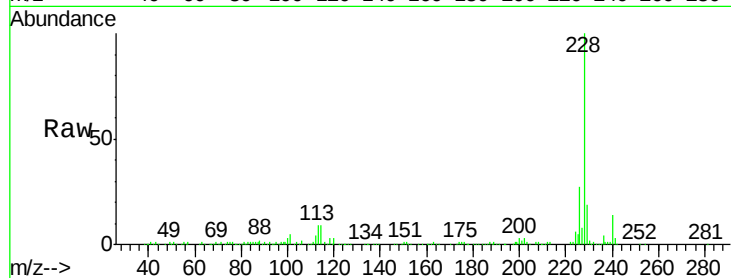
Tgt Ion:228 Resp: 254793

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 19.5 15.8 23.8



#81

3,3'-Dichlorobenzidine

Concen: 15.28 ng

RT: 16.16 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

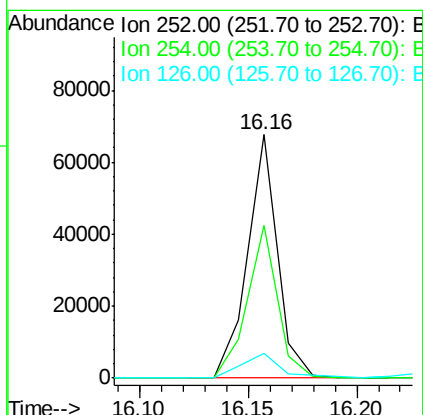
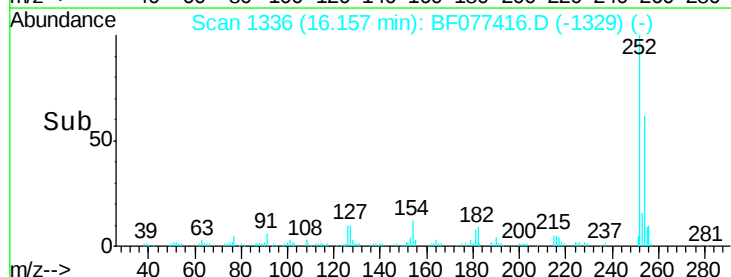
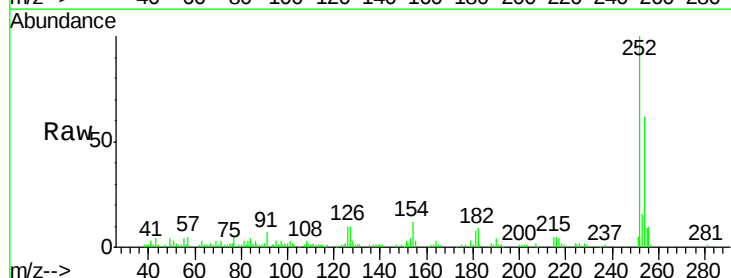
Tgt Ion:252 Resp: 64719

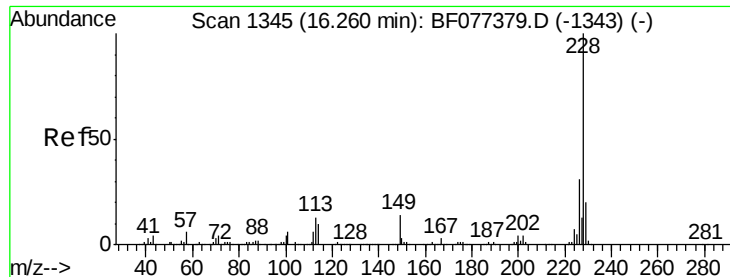
Ion Ratio Lower Upper

252 100

254 62.5 52.9 79.3

126 10.0 7.3 10.9





#82

Chrysene

Concen: 21.97 ng

RT: 16.23 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF077416.D

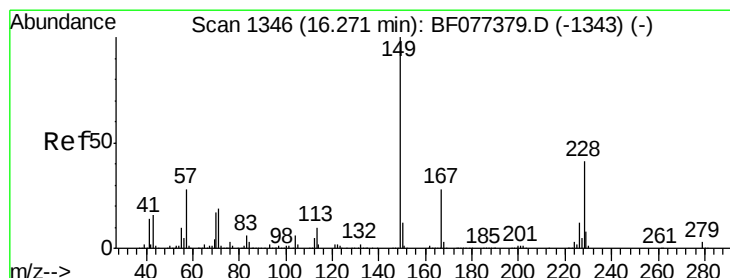
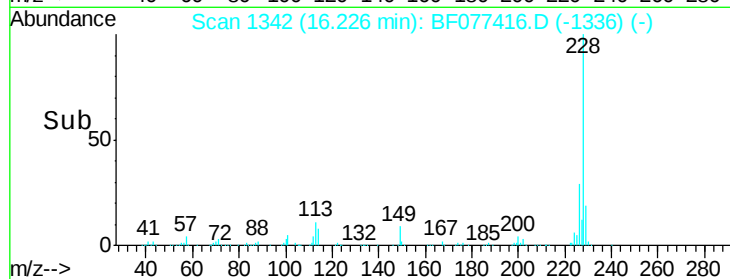
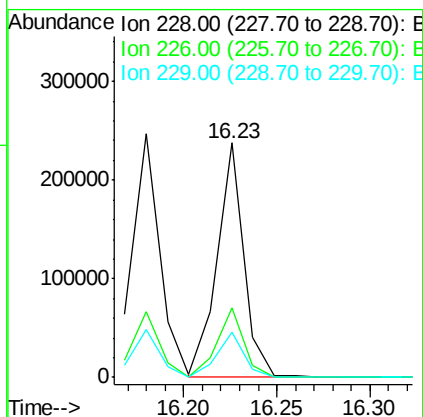
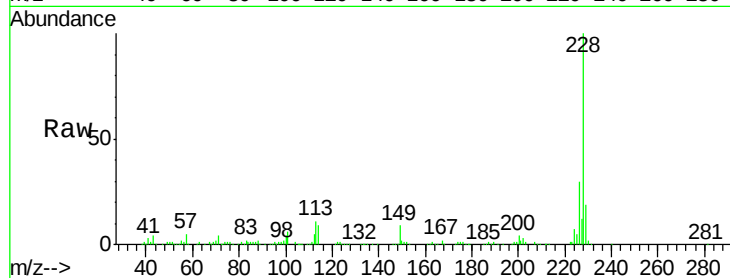
Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	228	Resp:	238524
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.1	16.4	24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 17.67 ng

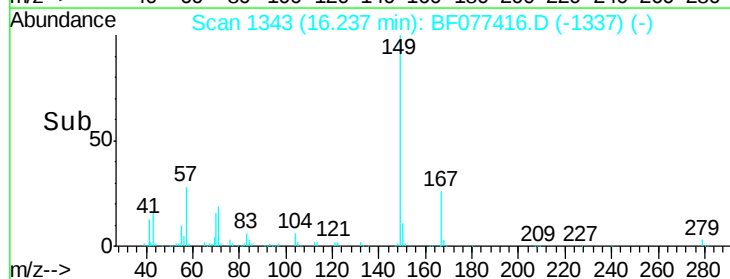
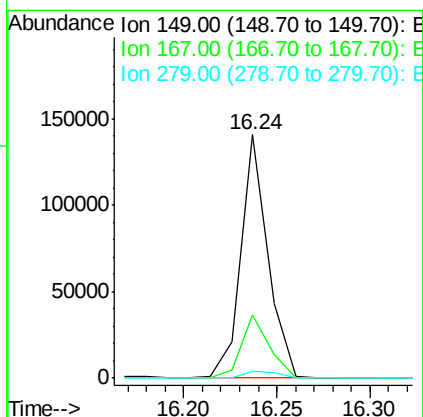
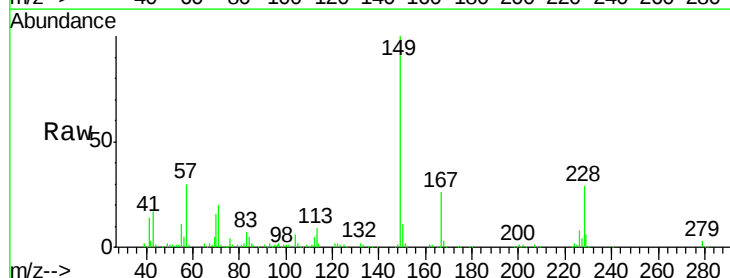
RT: 16.24 min Scan# 1343

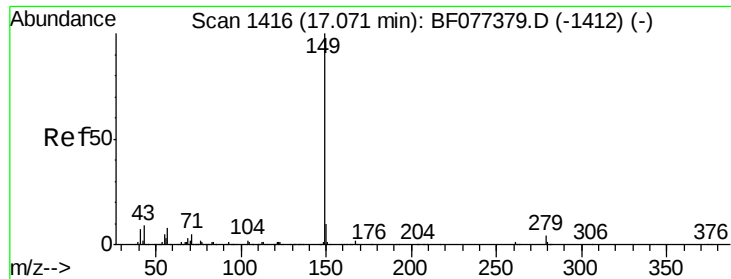
Delta R.T. -0.03 min

Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Tgt Ion:	149	Resp:	140645
Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.8	34.2
279	2.9	3.8	5.6#

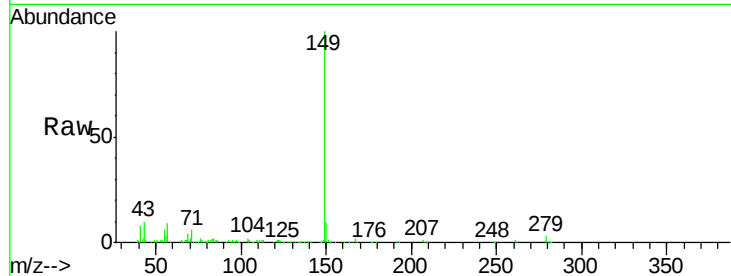




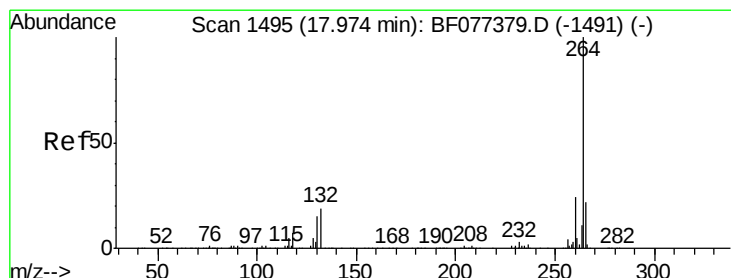
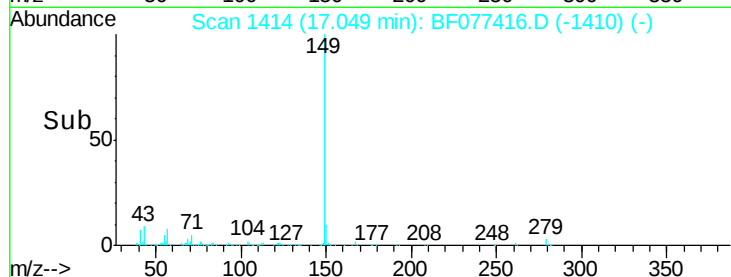
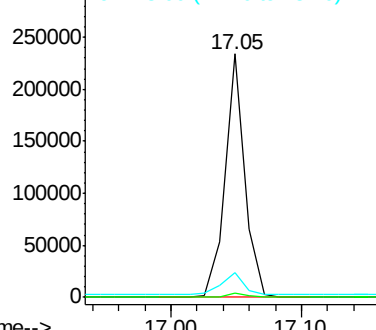
#84
Di-n-octyl phthalate
Concen: 18.37 ng
RT: 17.05 min Scan# 1414
Delta R.T. -0.06 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 244200
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.6 8.1 12.1

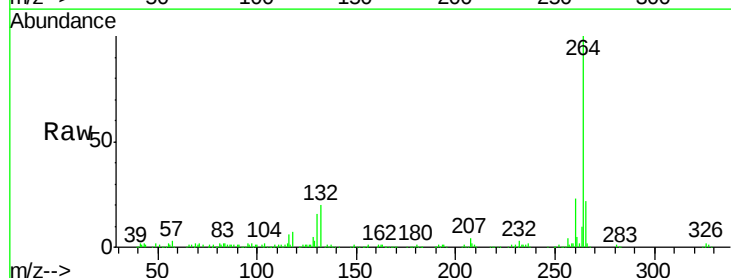


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

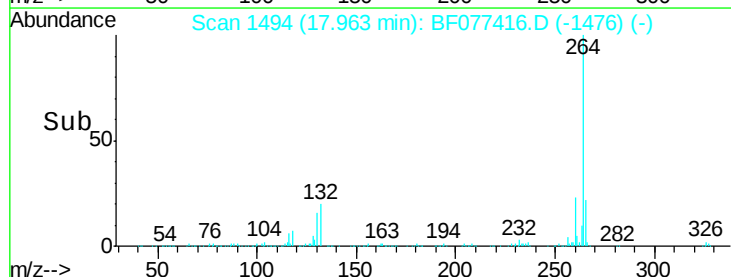
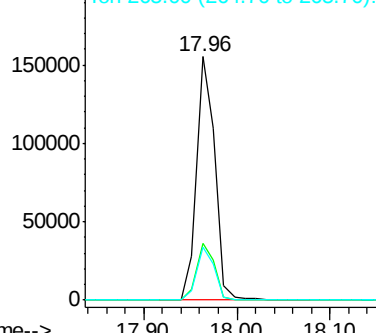


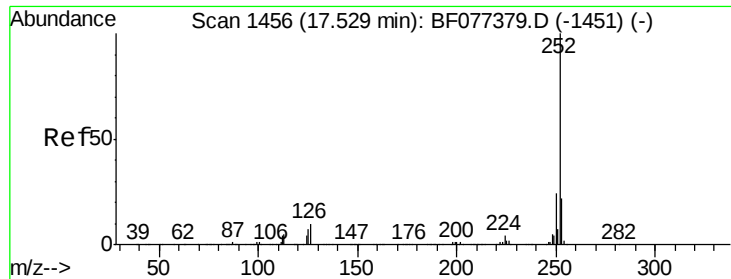
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.96 min Scan# 1494
Delta R.T. -0.09 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:264 Resp: 211027
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 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

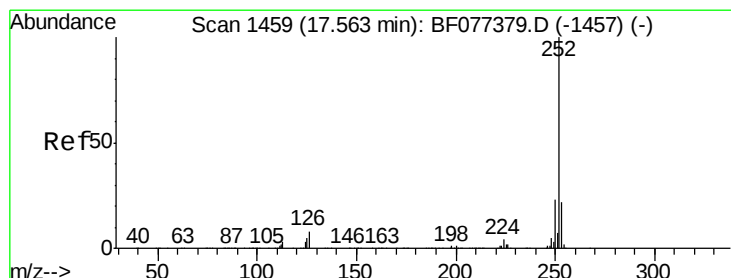
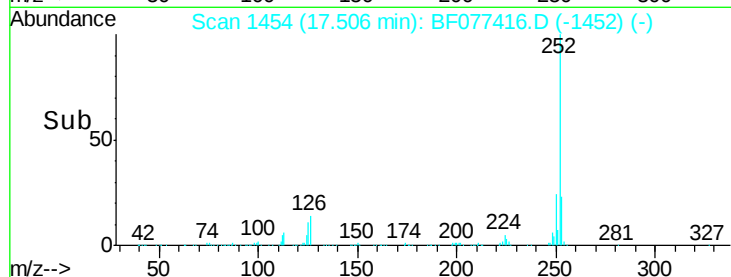
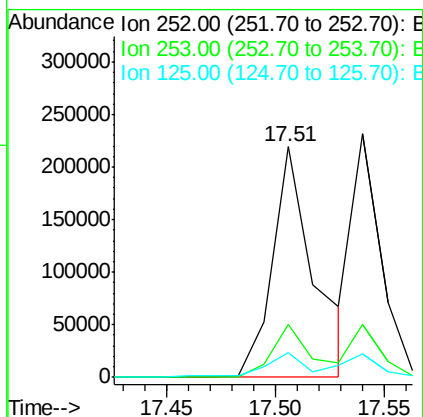
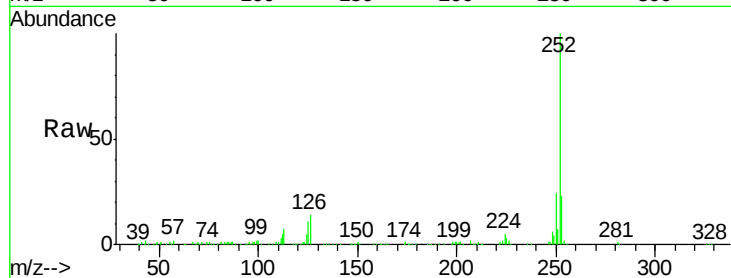




#87
Benzo(b)fluoranthene
Concen: 23.95 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.08 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

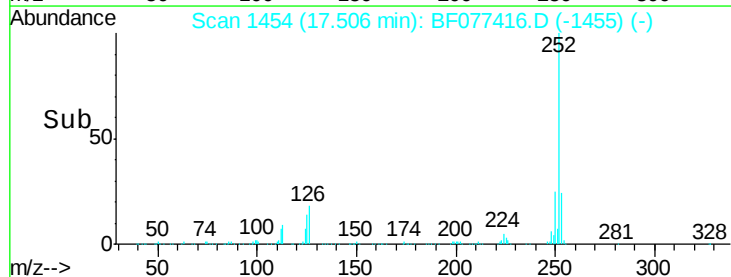
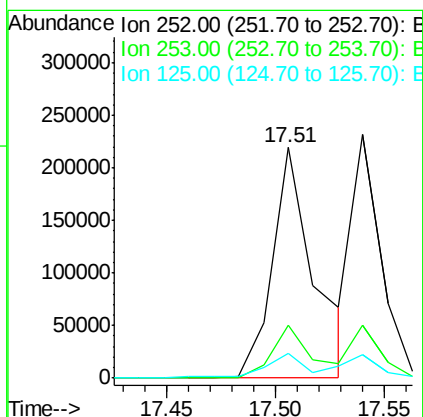
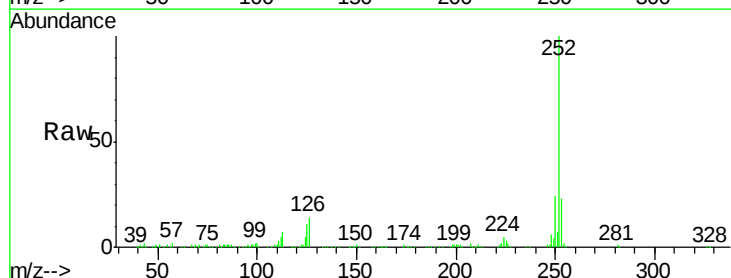
Instrument :
BNA_F
ClientSampleId :

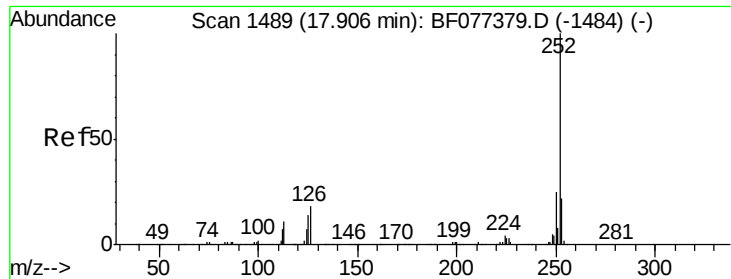
Tgt Ion:252 Resp: 293910
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.0 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 24.44 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.11 min
Lab File: BF077416.D
Acq: 24 Feb 2015 14:35

Tgt Ion:252 Resp: 293910
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.0 10.1 15.1





#89

Benzo(a)pyrene

Concen: 22.10 ng

RT: 17.91 min Scan# 1489

Delta R.T. -0.08 min

Lab File: BF077416.D

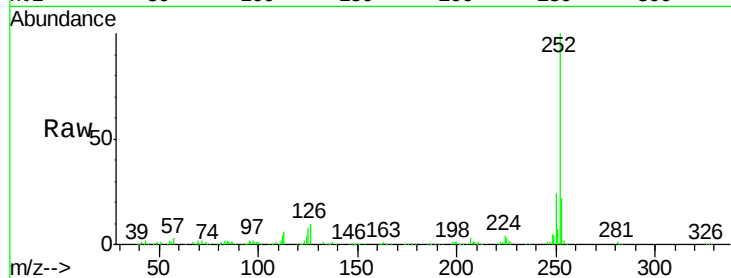
Acq: 24 Feb 2015 14:35

Instrument :

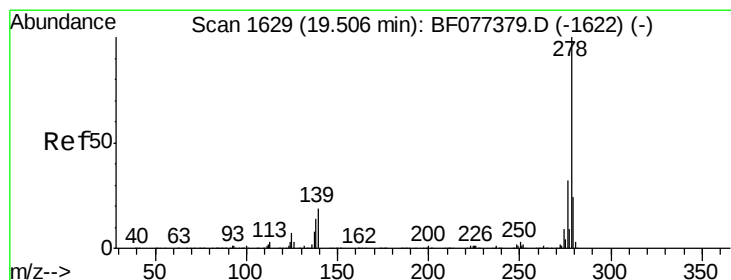
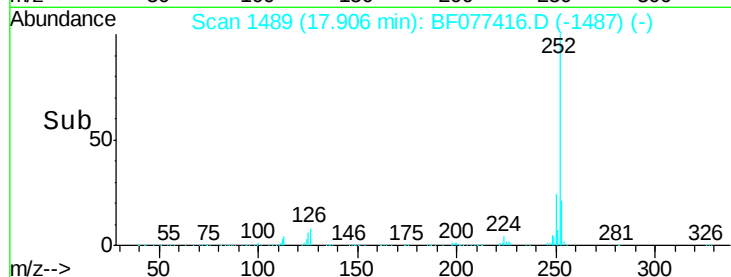
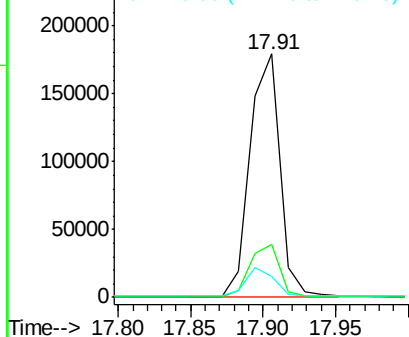
BNA_F

ClientSampleId :

Tgt Ion:	252	Resp:	258247
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.3	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: 22.59 ng

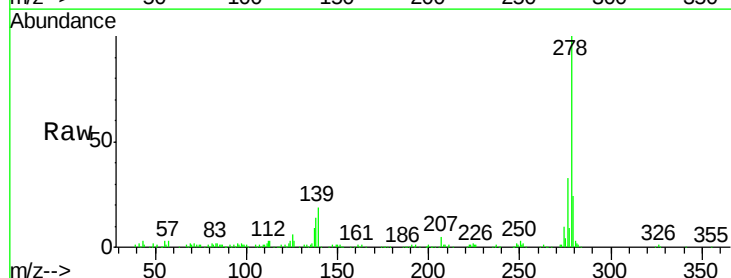
RT: 19.47 min Scan# 1626

Delta R.T. -0.11 min

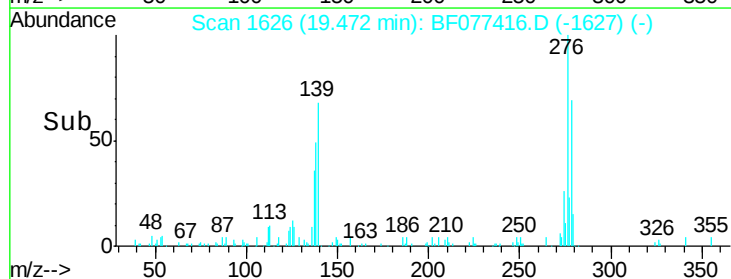
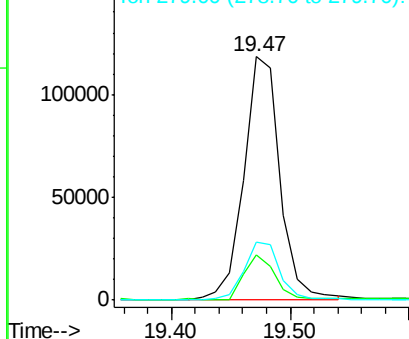
Lab File: BF077416.D

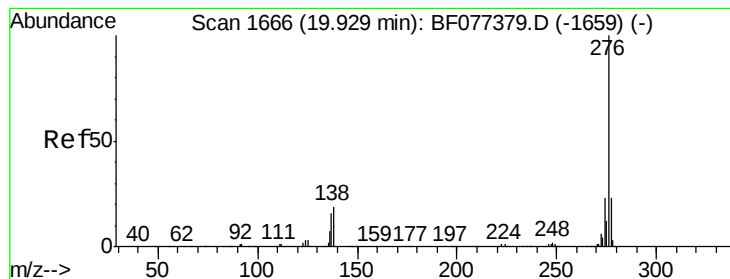
Acq: 24 Feb 2015 14:35

Tgt Ion:	278	Resp:	251809
Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.3	21.5
279	23.7	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: 22.88 ng

RT: 19.88 min Scan# 1662

Delta R.T. -0.11 min

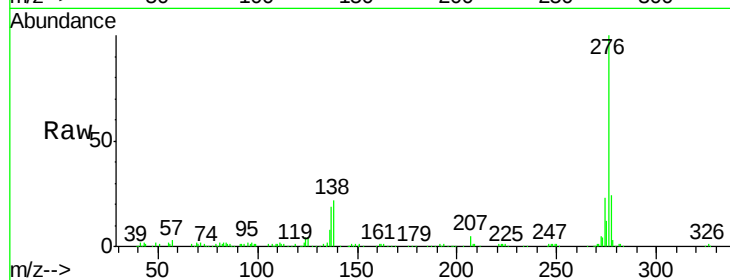
Lab File: BF077416.D

Acq: 24 Feb 2015 14:35

Instrument :

BNA_F

ClientSampleId :



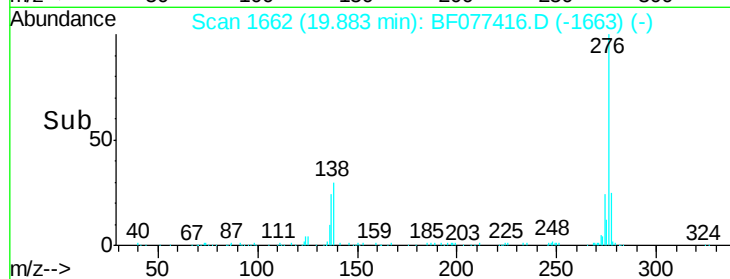
Tgt Ion: 276 Resp: 257367

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 22.0 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

