

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079164.D
 Acq On : 12 May 2015 18:19
 Operator : TP/IZ
 Sample : G2175-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Quant Time: May 13 01:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	53048	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	219627	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	103335	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	197155	20.00	ng	0.00
75) Chrysene-d12	16.16	240	211208	20.00	ng	-0.03
86) Perylene-d12	17.85	264	231843	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	214912	69.74	ng	0.01
7) Phenol-d6	6.84	99	260957	64.06	ng	0.00
23) Nitrobenzene-d5	7.98	82	146128	38.24	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	89003	79.62	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	265125	35.75	ng	0.00
78) Terphenyl-d14	14.87	244	486209	55.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	20639	15.40	ng	# 20
3) Pyridine	2.99	79	56801	14.49	ng	# 94
4) n-Nitrosodimethylamine	2.88	42	34877m	20.76	ng	
6) Aniline	6.87	93	97732	17.00	ng	# 63
8) 2-Chlorophenol	7.02	128	78149	22.36	ng	94
9) Benzaldehyde	6.73	77	35684	13.00	ng	97
10) Phenol	6.87	94	96913	20.51	ng	# 54
11) bis(2-Chloroethyl)ether	6.97	93	77464	22.36	ng	93
12) 1,3-Dichlorobenzene	7.21	146	86447	22.00	ng	# 91
13) 1,4-Dichlorobenzene	7.30	146	88694	21.94	ng	96
14) 1,2-Dichlorobenzene	7.48	146	86199	22.90	ng	98
15) Benzyl Alcohol	7.46	79	61043	20.19	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.64	45	108369	20.45	ng	95
17) 2-Methylphenol	7.61	107	60211	21.41	ng	97
18) Hexachloroethane	7.91	117	27878	20.02	ng	92
19) n-Nitroso-di-n-propylamine	7.79	70	50940	18.51	ng	# 88
20) 3+4-Methylphenols	7.80	107	73384	19.58	ng	# 46
22) Acetophenone	7.78	105	101463	20.45	ng	# 96
24) Nitrobenzene	8.00	77	76346	20.16	ng	# 84
25) Isophorone	8.30	82	132937	18.76	ng	# 93
26) 2-Nitrophenol	8.39	139	34382	21.93	ng	# 87
27) 2,4-Dimethylphenol	8.46	122	60018	19.13	ng	95
28) bis(2-Chloroethoxy)methane	8.57	93	80262	18.38	ng	98
29) 2,4-Dichlorophenol	8.68	162	56673	20.31	ng	94
30) 1,2,4-Trichlorobenzene	8.79	180	64870	21.17	ng	96
31) Naphthalene	8.88	128	213250	20.38	ng	99
32) Benzoic acid	8.54	122	31744	20.34	ng	84
33) 4-Chloroaniline	8.96	127	77555	17.51	ng	96
34) Hexachlorobutadiene	9.04	225	35969	20.38	ng	98
35) Caprolactam	9.37	113	22934	25.42	ng	98
36) 4-Chloro-3-methylphenol	9.56	107	62505	21.33	ng	95
37) 2-Methylnaphthalene	9.75	142	139596	19.25	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	55790	19.17	ng	# 100
40) Hexachlorocyclopentadiene	9.93	237	12692	8.67	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.09	196	37539	18.76	nq	95
43) 2,4,5-Trichlorophenol	10.14	196	43677	21.59	nq	93
45) 1,1'-Biphenyl	10.32	154	161698	19.68	nq	99
46) 2-Chloronaphthalene	10.34	162	127933	19.97	nq	99
47) 2-Nitroaniline	10.48	65	42182	22.72	nq	# 68
48) Acenaphthylene	10.86	152	228897	21.76	nq	99
49) Dimethylphthalate	10.71	163	193266	25.48	nq	100
50) 2,6-Dinitrotoluene	10.79	165	35159	23.49	nq	# 65
51) Acenaphthene	11.07	154	130044	20.73	nq	99
52) 3-Nitroaniline	10.98	138	45336	24.25	nq	83
53) 2,4-Dinitrophenol	11.12	184	10146	28.74	nq	97
54) Dibenzofuran	11.29	168	209315	23.10	nq	95
55) 4-Nitrophenol	11.21	139	89513	60.49	nq	81
56) 2,4-Dinitrotoluene	11.28	165	53329	26.95	nq	# 82
57) Fluorene	11.71	166	177829	23.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.44	232	42576	25.76	nq	# 100
59) Diethylphthalate	11.59	149	194305	25.86	nq	99
60) 4-Chlorophenyl-phenylether	11.72	204	75653	22.93	nq	94
61) 4-Nitroaniline	11.74	138	50863	27.19	nq	92
62) Azobenzene	11.92	77	176266	23.81	nq	93
64) 4,6-Dinitro-2-methylphenol	11.78	198	11617	18.99	nq	79
65) n-Nitrosodiphenylamine	11.86	169	159440	24.28	nq	98
66) 4-Bromophenyl-phenylether	12.33	248	52000	25.30	nq	# 90
67) Hexachlorobenzene	12.39	284	60913	25.93	nq	# 87
68) Atrazine	12.54	200	53435	27.99	nq	97
69) Pentachlorophenol	12.64	266	68033	52.12	nq	97
70) Phenanthrene	12.90	178	318574	28.88	nq	100
71) Anthracene	12.97	178	321364	29.70	nq	98
72) Carbazole	13.18	167	352467	34.18	nq	98
73) Di-n-butylphthalate	13.62	149	388018	31.37	nq	# 98
74) Fluoranthene	14.39	202	425356	37.01	nq	92
76) Benzidine	14.56	184	107712	18.92	nq	98
77) Pyrene	14.66	202	443079	36.41	nq	99
79) Butylbenzylphthalate	15.49	149	204584	38.45	nq	95
80) Benzo(a)anthracene	16.15	228	429083	37.10	nq	100
81) 3,3'-Dichlorobenzidine	16.13	252	140894	34.20	nq	# 97
82) Chrysene	16.19	228	397375	35.72	nq	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	301030	37.36	nq	99
84) Di-n-octyl phthalate	16.97	149	491444	34.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.30	276	488521	34.47	nq	# 100
87) Benzo(b)fluoranthene	17.42	252	448717	35.36	nq	# 97
88) Benzo(k)fluoranthene	17.45	252	437533m	35.62	nq	
89) Benzo(a)pyrene	17.78	252	424116	36.30	nq	# 95
90) Dibenzo(a,h)anthracene	19.33	278	384202	30.94	nq	97
91) Benzo(g,h,i)perylene	19.73	276	402521	32.34	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

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ClientSampled :

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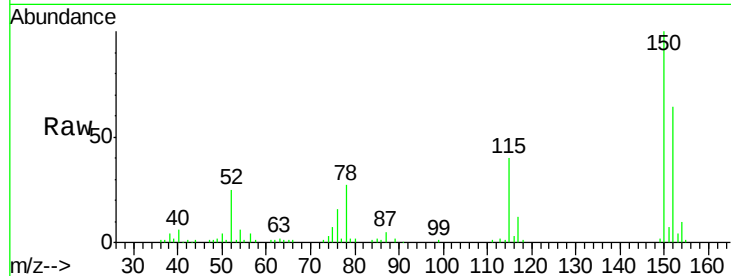
Tot Ion:152 Resp: 53048

Ion Ratio Lower Upper

152 100

150 157.0 122.0 183.0

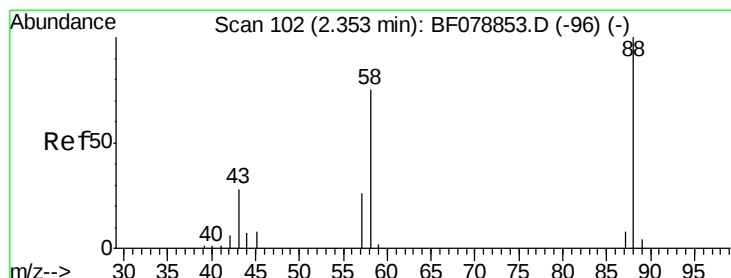
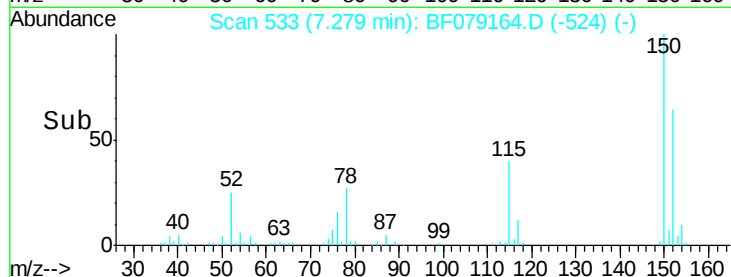
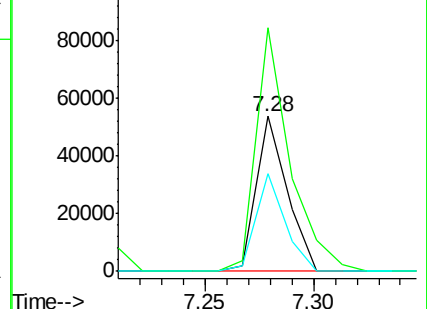
115 62.9 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.40 ng

RT: 2.22 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

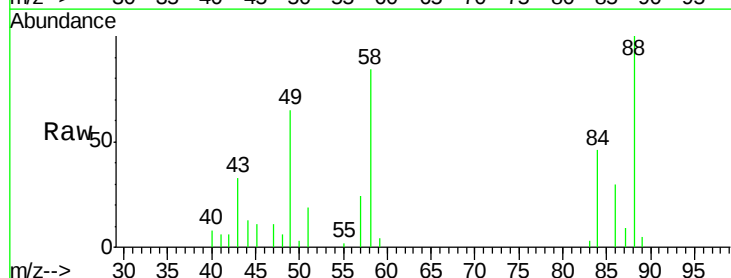
Tgt Ion: 88 Resp: 20639

Ion Ratio Lower Upper

88 100

58 83.0 0.0 0.0#

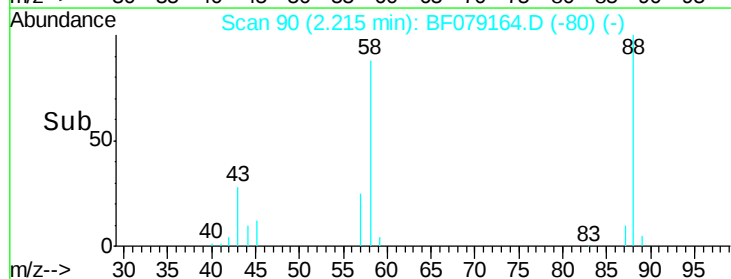
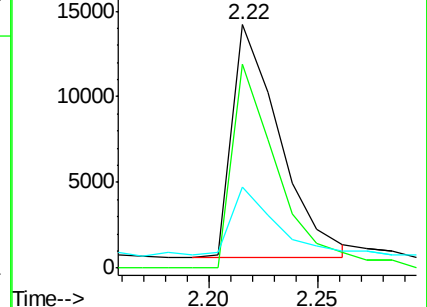
43 30.4 3.3 4.9#

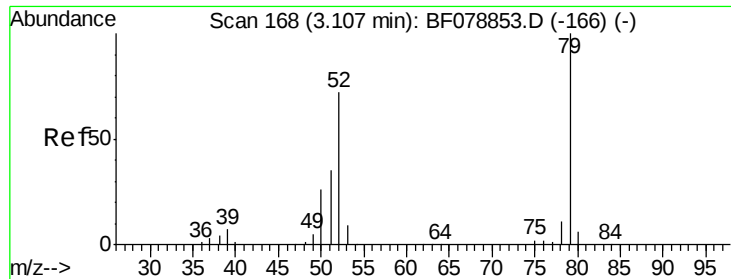


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.49 ng

RT: 2.99 min Scan# 158

Delta R.T. 0.06 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

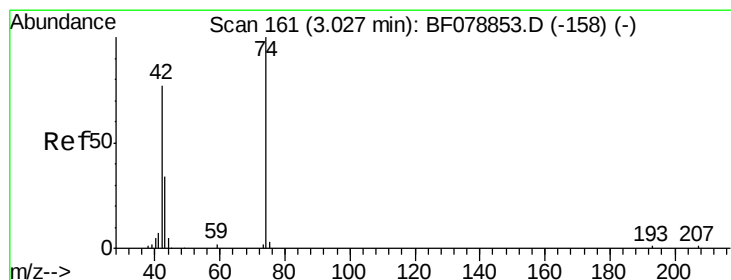
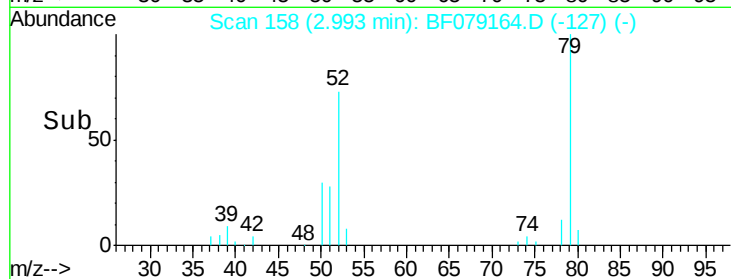
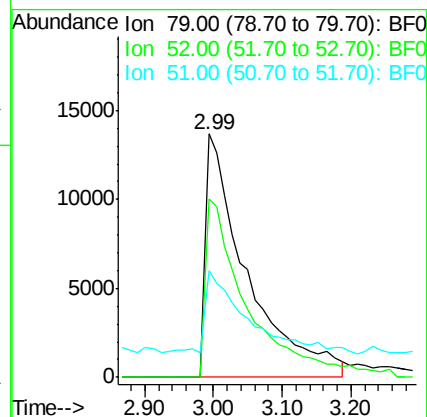
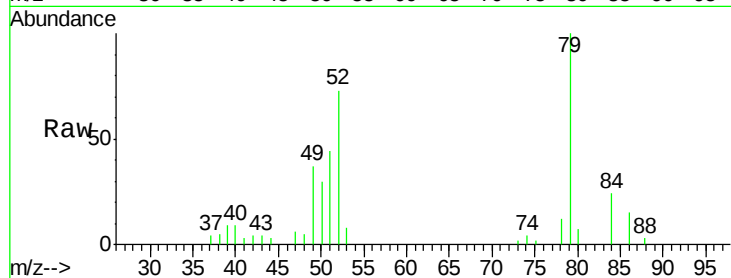
Tot Ion: 79 Resp: 56801

Ion Ratio Lower Upper

79 100

52 73.2 57.2 85.8

51 43.9 28.9 43.3#



#4

n-Nitrosodimethylamine

Concen: 20.76 ng m

RT: 2.88 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

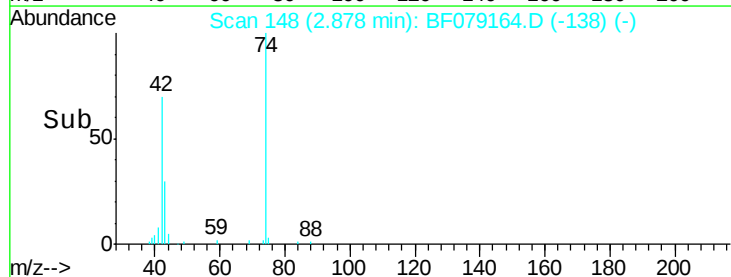
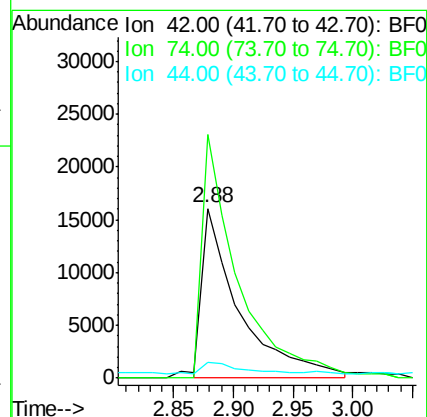
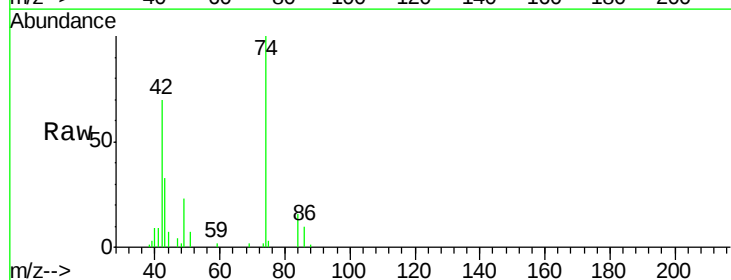
Tgt Ion: 42 Resp: 34877

Ion Ratio Lower Upper

42 100

74 143.6 96.5 144.7

44 9.5 6.1 9.1#





#5

2-Fluorophenol

Concen: 69.74 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

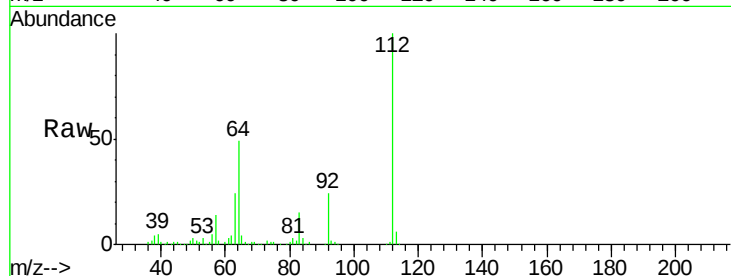
Tot Ion:112 Resp: 214912

Ion Ratio Lower Upper

112 100

64 48.8 53.5 80.3#

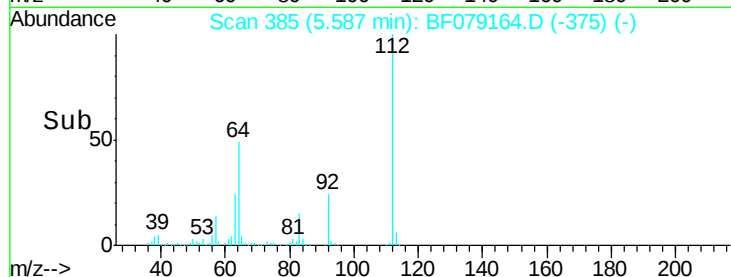
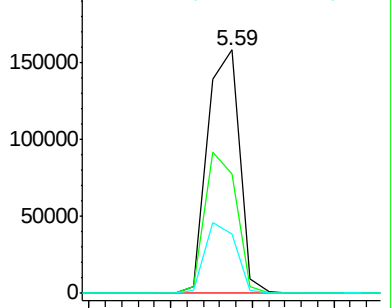
63 24.5 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.00 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

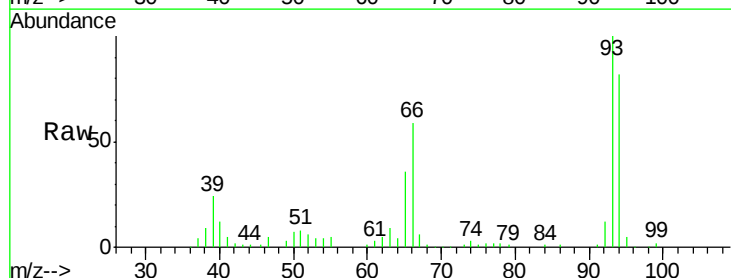
Tgt Ion: 93 Resp: 97732

Ion Ratio Lower Upper

93 100

66 58.8 29.7 44.5#

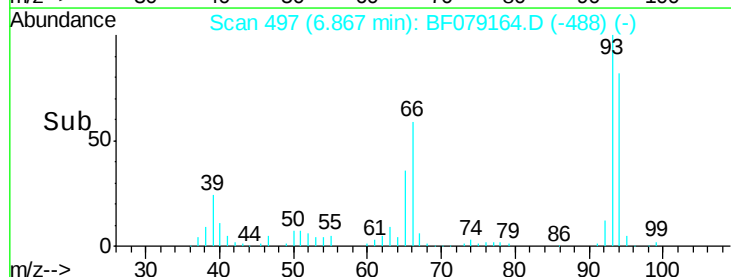
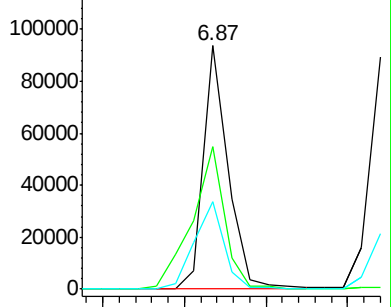
65 35.7 14.6 22.0#



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: 64.06 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

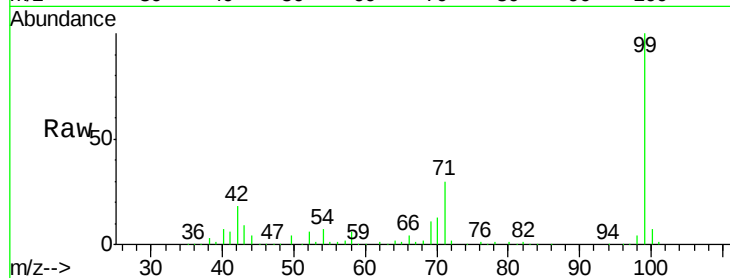
Tot Ion: 99 Resp: 260957

Ion Ratio Lower Upper

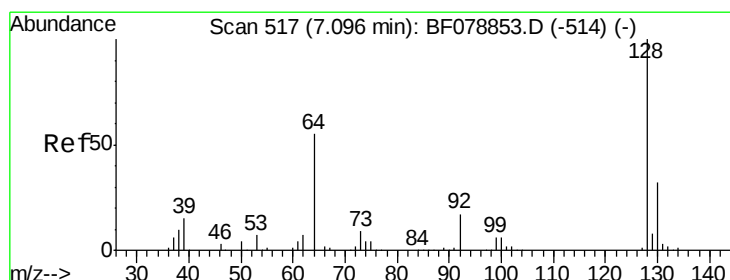
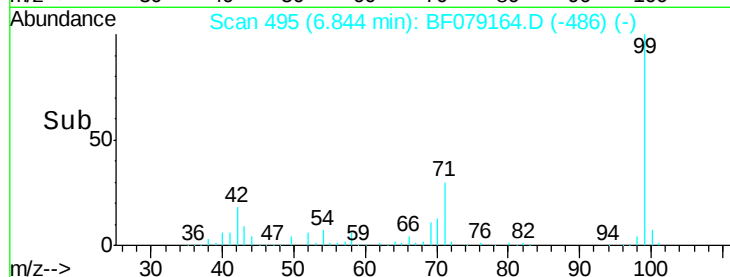
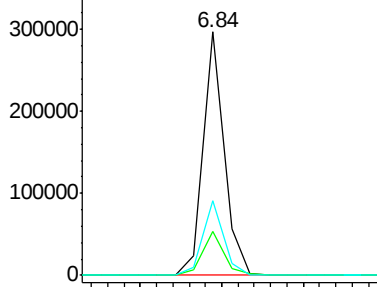
99 100

42 18.1 12.8 19.2

71 30.4 23.4 35.2



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: 22.36 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

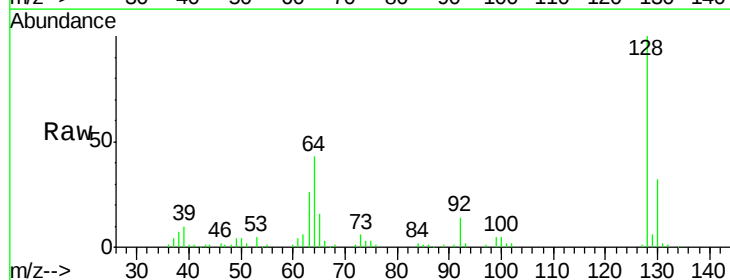
Tgt Ion: 128 Resp: 78149

Ion Ratio Lower Upper

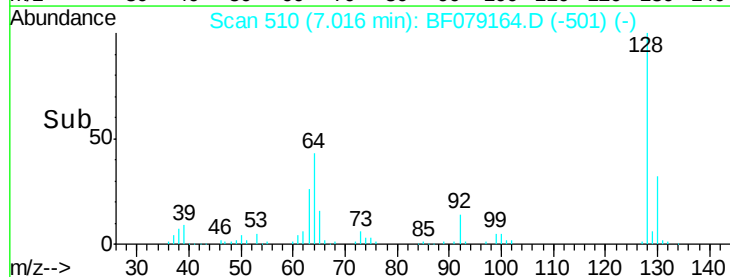
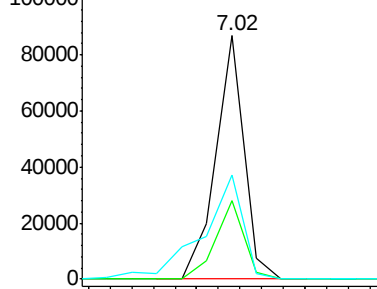
128 100

130 32.2 12.1 52.1

64 42.6 29.6 69.6



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





#9

Benzaldehyde

Concen: 13.00 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

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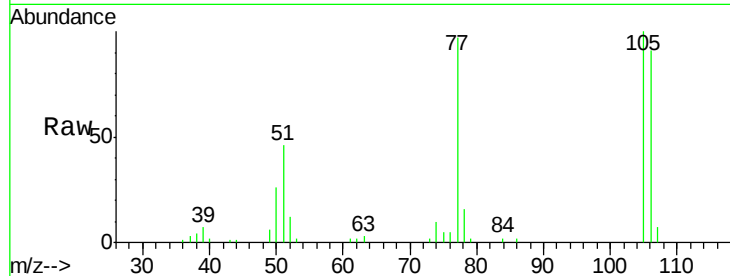
Tot Ion: 77 Resp: 35684

Ion Ratio Lower Upper

77 100

105 102.8 81.7 121.7

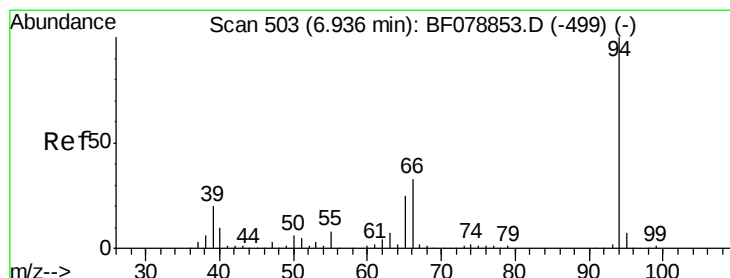
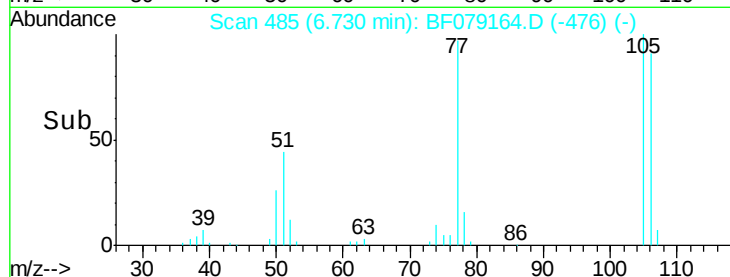
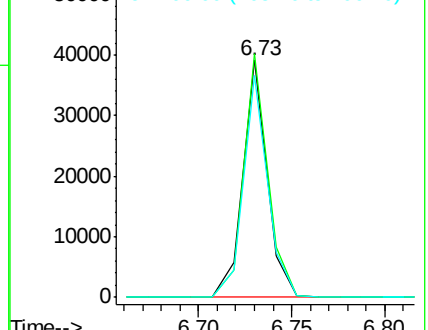
106 93.6 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 20.51 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

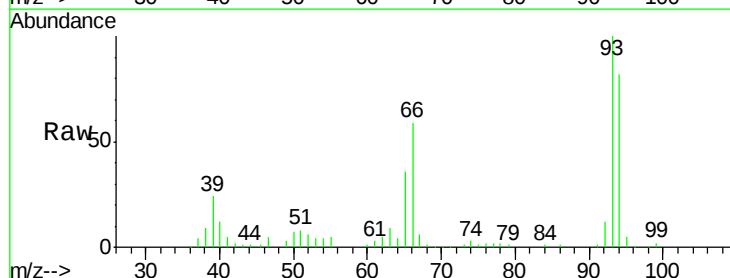
Tgt Ion: 94 Resp: 96913

Ion Ratio Lower Upper

94 100

65 43.4 8.5 48.5

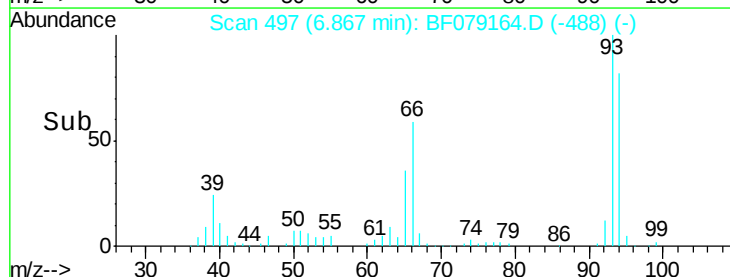
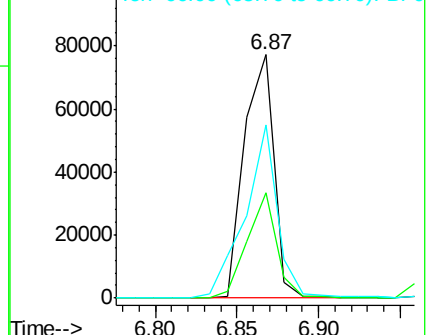
66 71.4 16.0 56.0#

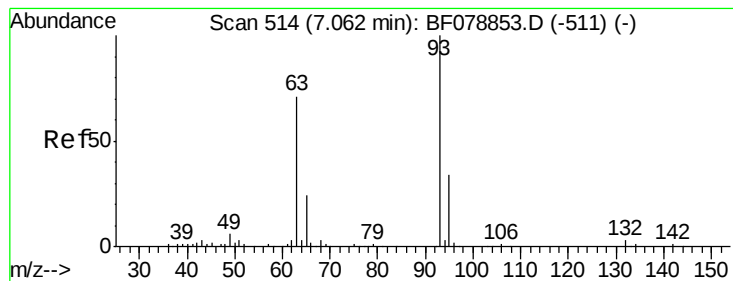


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

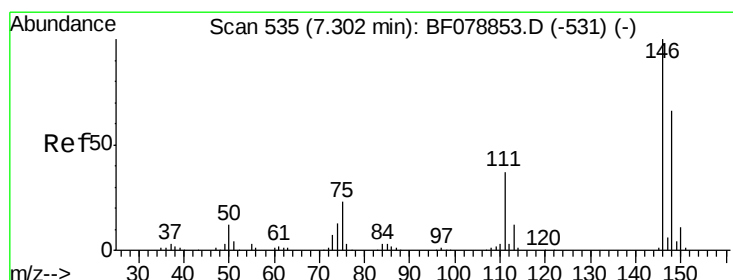
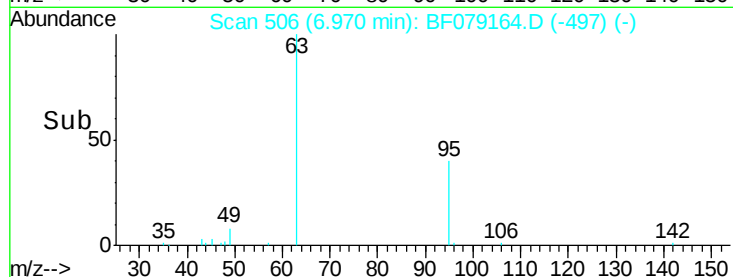
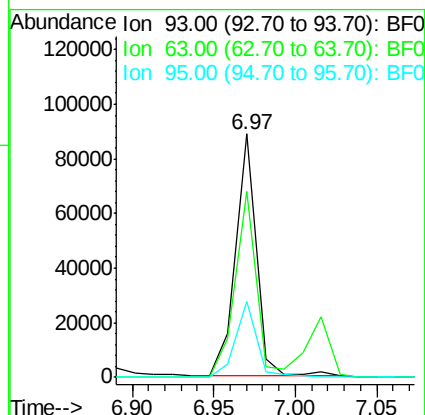
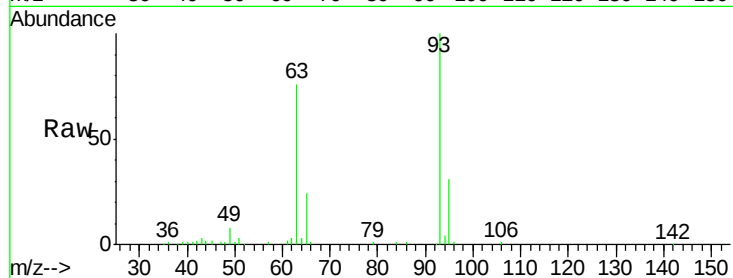




#11
bis(2-Chloroethyl)ether
Concen: 22.36 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

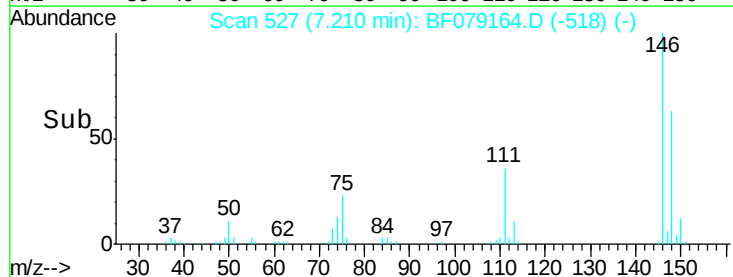
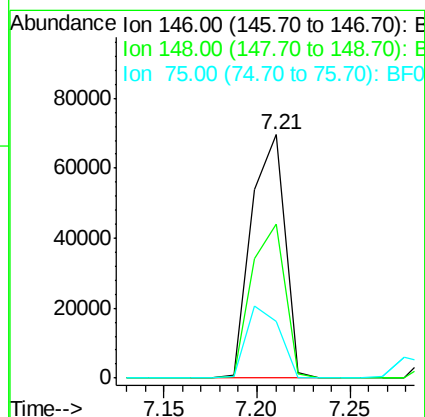
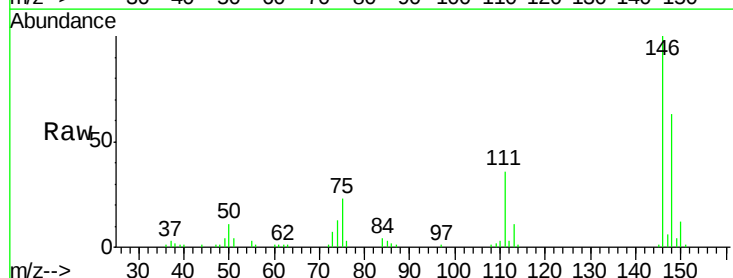
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion: 93 Resp: 77464
Ion Ratio Lower Upper
93 100
63 76.2 64.8 104.8
95 31.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 22.00 ng
RT: 7.21 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion: 146 Resp: 86447
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
75 23.3 29.2 43.8#

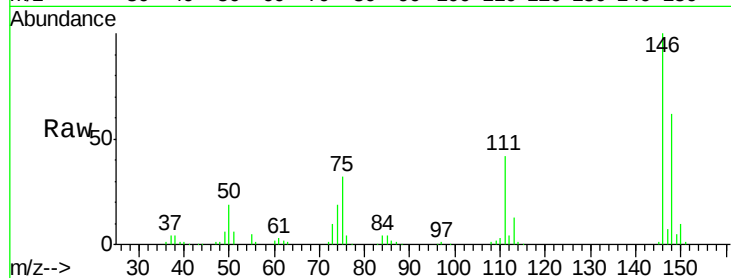




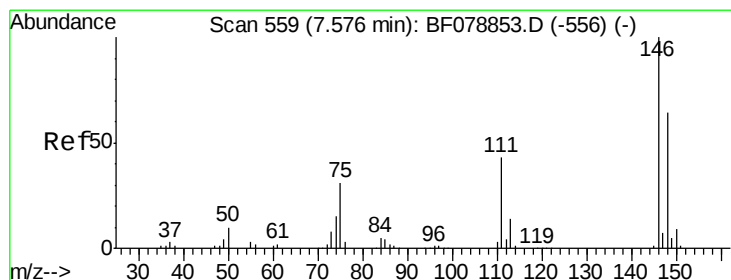
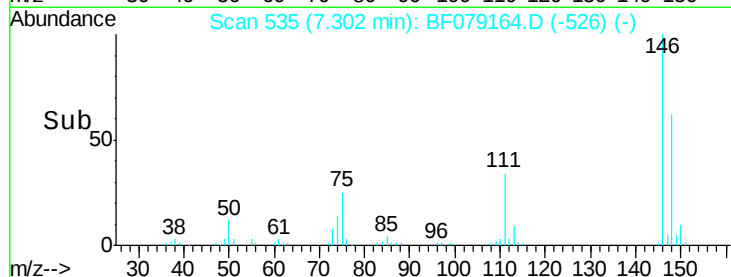
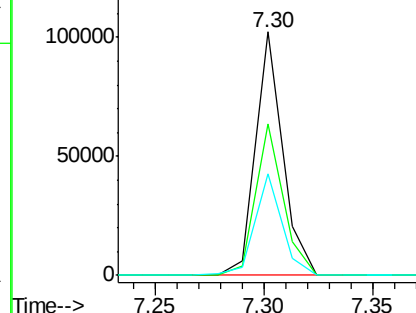
#13
 1,4-Dichlorobenzene
 Concen: 21.94 ng
 RT: 7.30 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:146 Resp: 88694
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.8 79.2
 111 41.5 31.7 47.5

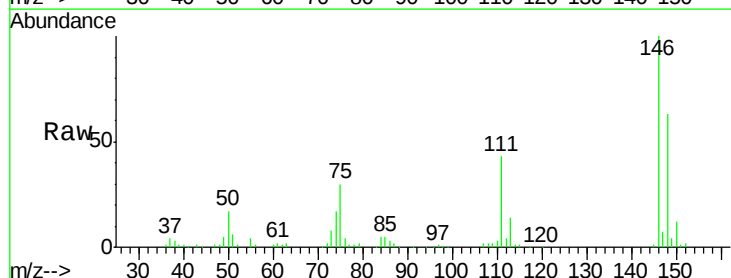


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

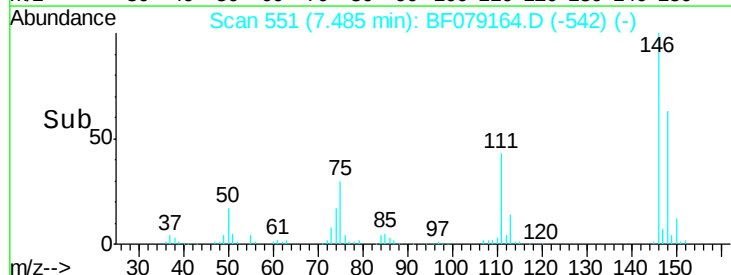
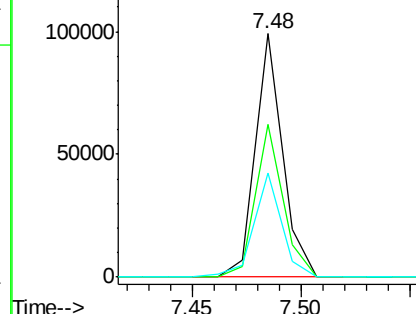


#14
 1,2-Dichlorobenzene
 Concen: 22.90 ng
 RT: 7.48 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:146 Resp: 86199
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.2 76.8
 111 42.8 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 20.19 ng

RT: 7.46 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

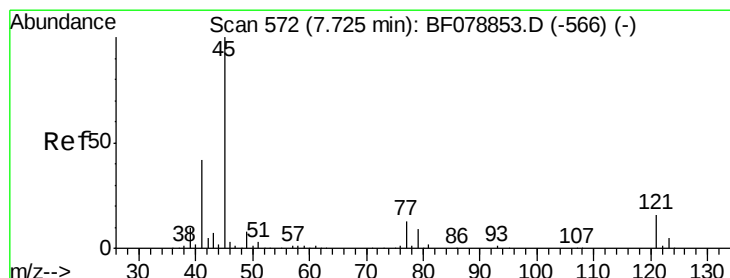
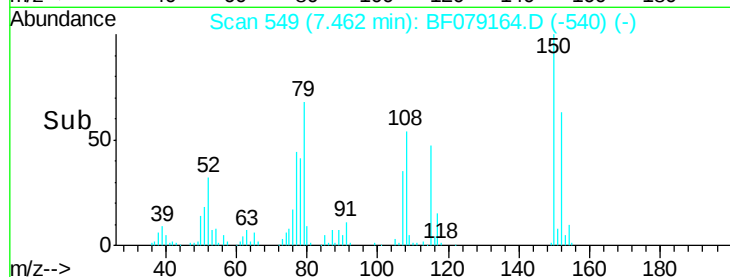
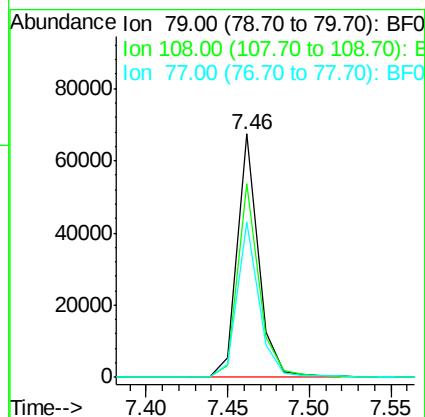
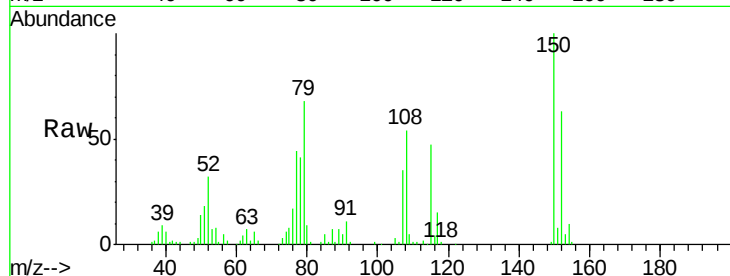
Tot Ion: 79 Resp: 61043

Ion Ratio Lower Upper

79 100

108 79.5 62.5 93.7

77 63.9 52.2 78.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.45 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

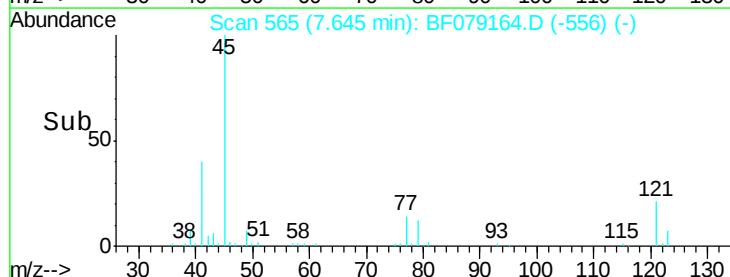
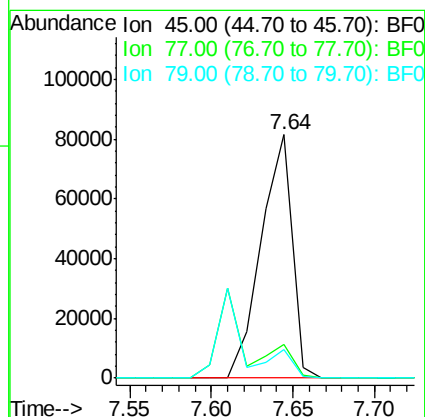
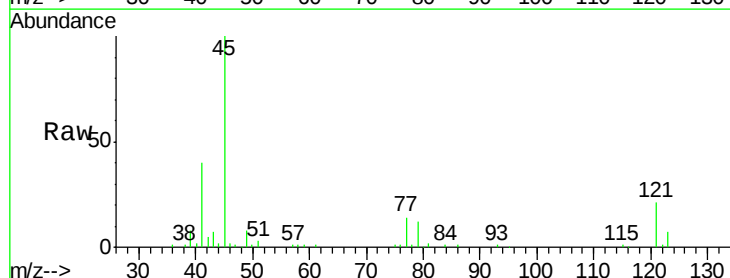
Tgt Ion: 45 Resp: 108369

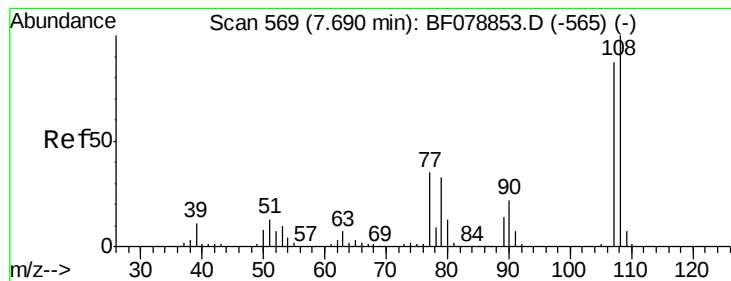
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.3

79 11.8 0.0 30.1

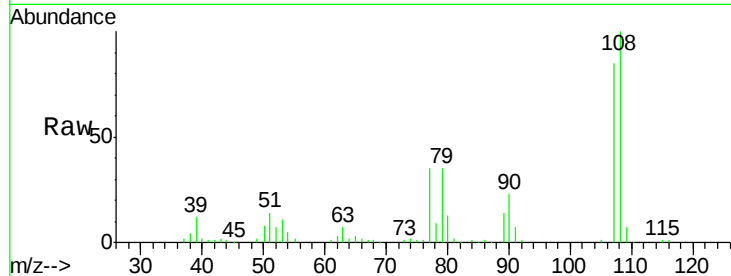




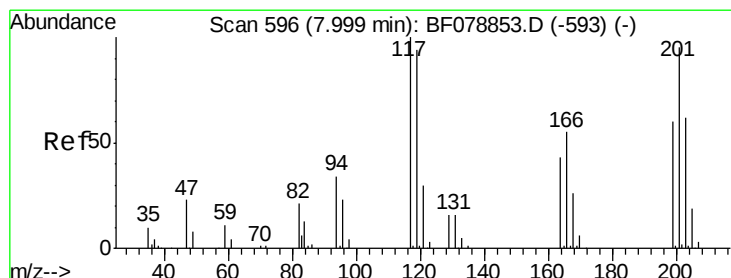
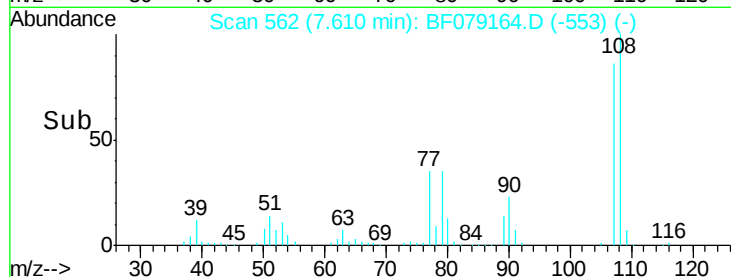
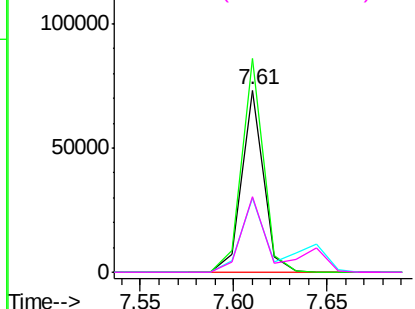
#17
2-Methylphenol
Concen: 21.41 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:107 Resp: 60211
Ion Ratio Lower Upper
107 100
108 117.2 94.9 142.3
77 40.9 36.2 54.4
79 41.2 35.2 52.8

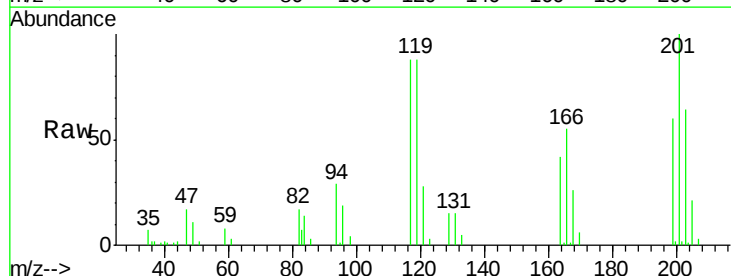


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

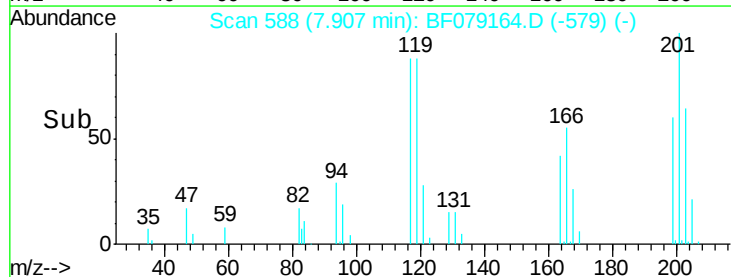
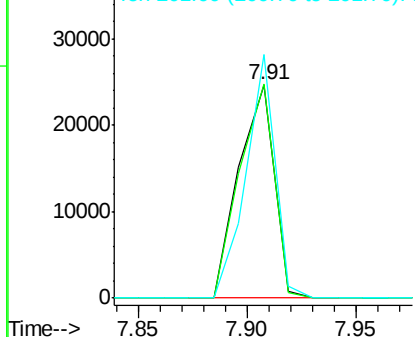


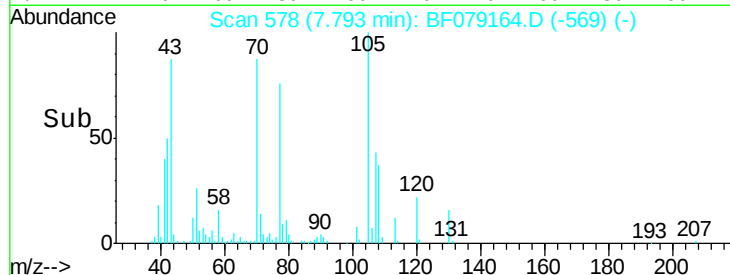
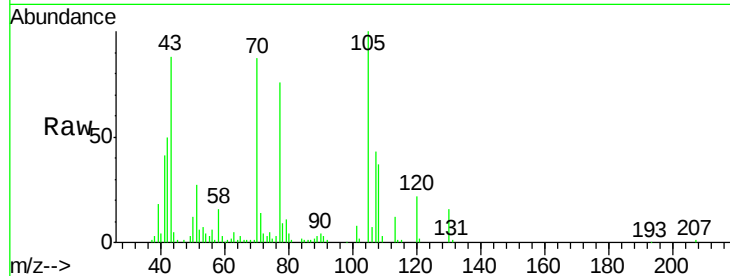
#18
Hexachloroethane
Concen: 20.02 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:117 Resp: 27878
Ion Ratio Lower Upper
117 100
119 100.2 75.4 113.0
201 114.0 83.2 124.8



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

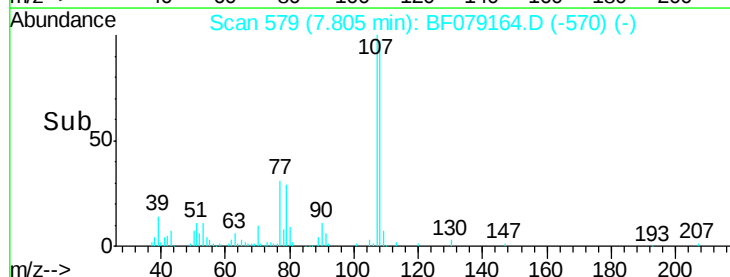
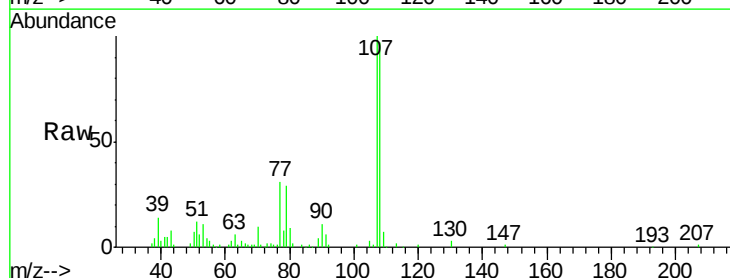
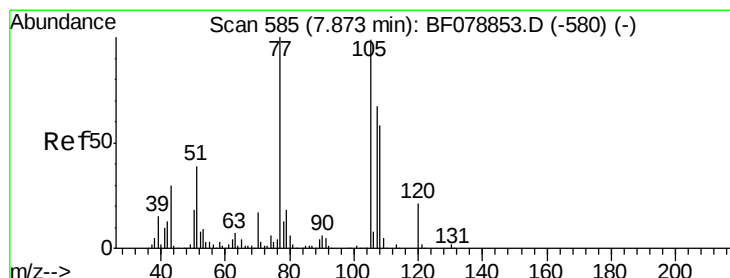
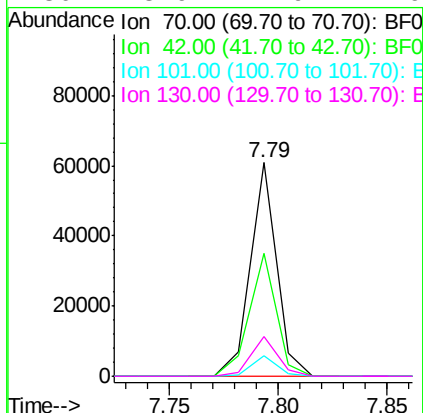




#19
n-Nitroso-di-n-propylamine
Concen: 18.51 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

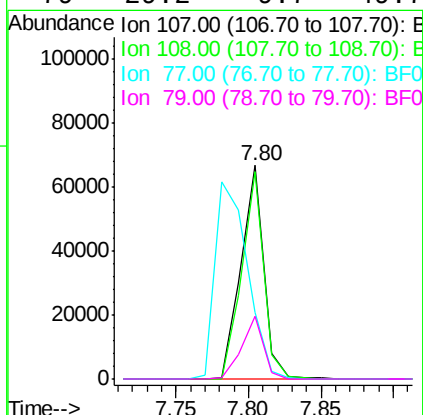
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion: 70 Resp: 50940
Ion Ratio Lower Upper
70 100
42 57.7 55.4 83.0
101 9.3 6.6 10.0
130 18.9 11.9 17.9#



#20
3+4-Methylphenols
Concen: 19.58 ng
RT: 7.80 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:107 Resp: 73384
Ion Ratio Lower Upper
107 100
108 97.1 76.9 116.9
77 31.0 136.8 176.8#
79 29.2 9.7 49.7

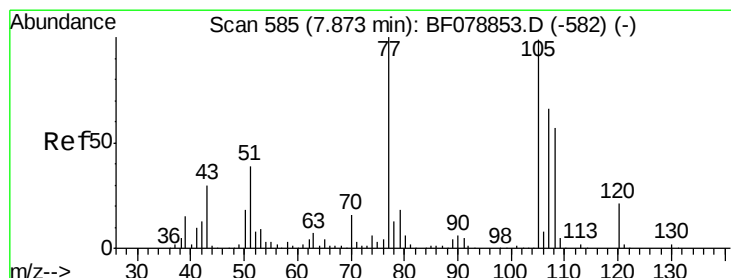
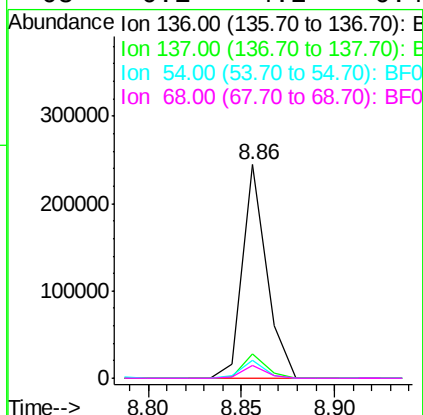
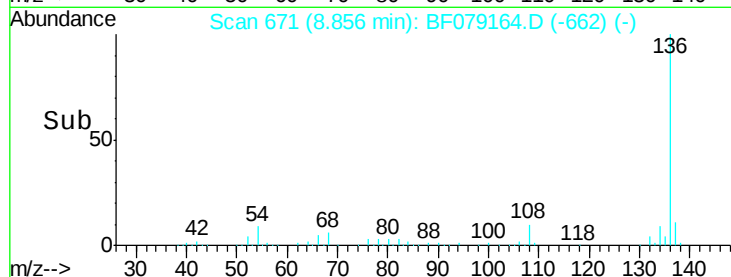
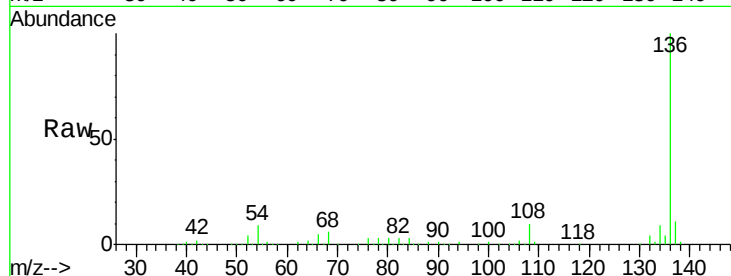




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

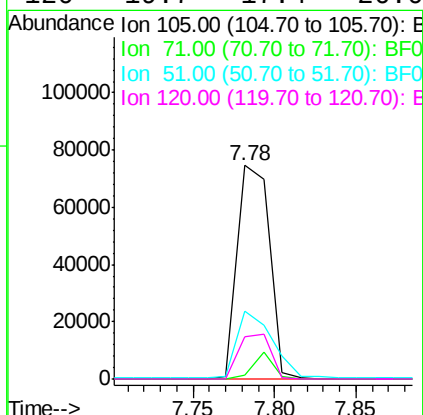
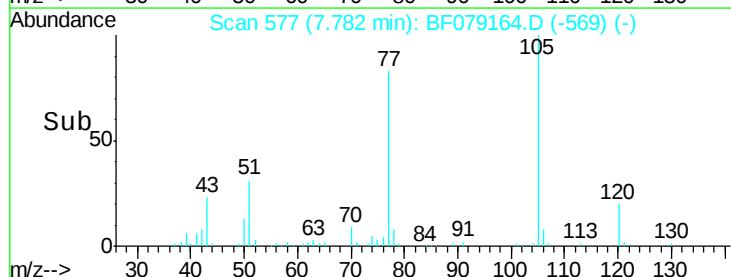
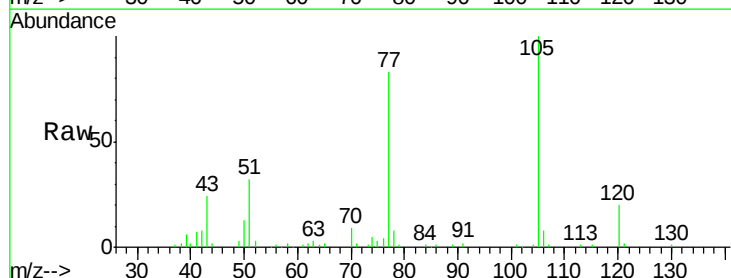
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:136	Resp:	219627
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.5	5.8 8.8
68	6.1	4.2 6.4



#22
Acetophenone
Concen: 20.45 ng
RT: 7.78 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:105	Resp:	101463
Ion Ratio	Lower	Upper
105	100	
71	1.7	4.6 6.8#
51	31.7	26.7 40.1
120	19.7	17.4 26.0





#23

Nitrobenzene-d5

Concen: 38.24 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

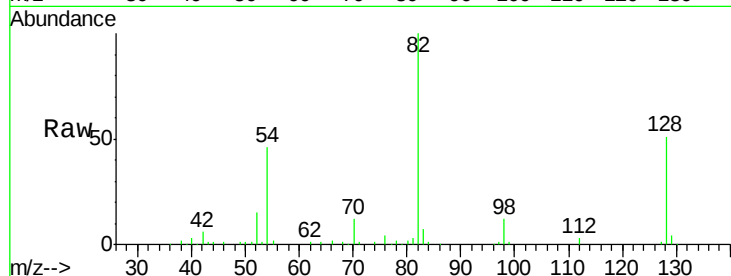
Tot Ion: 82 Resp: 146128

Ion Ratio Lower Upper

82 100

128 50.7 30.0 45.0#

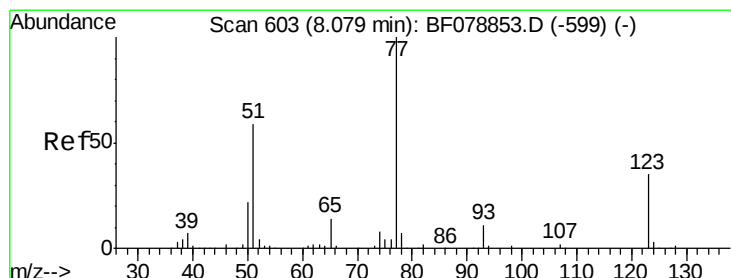
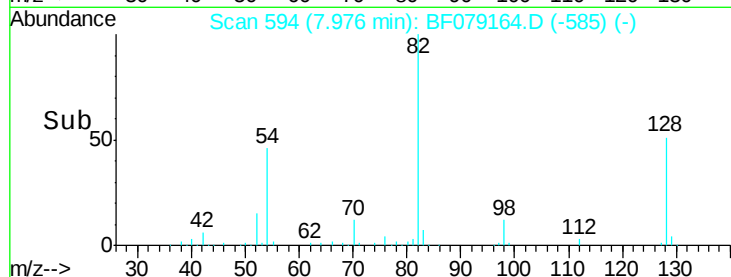
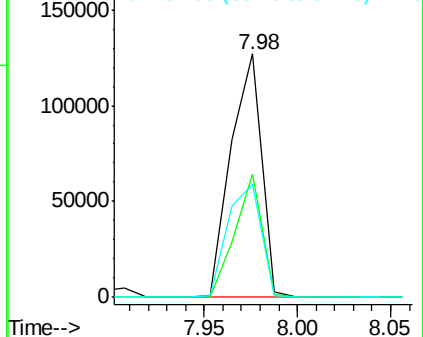
54 46.3 46.4 69.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 20.16 ng

RT: 8.00 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

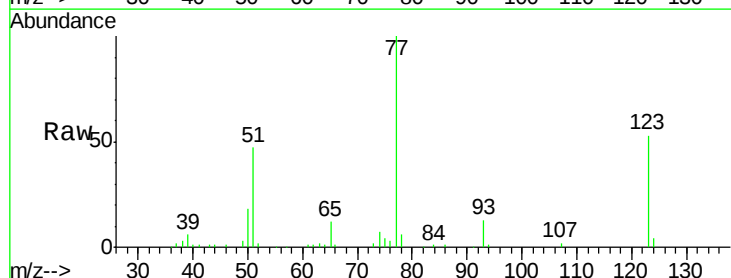
Tgt Ion: 77 Resp: 76346

Ion Ratio Lower Upper

77 100

123 52.6 31.8 47.8#

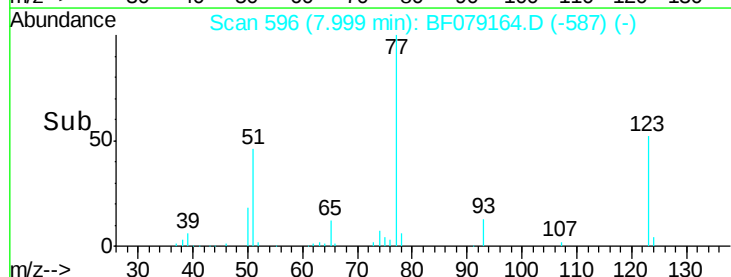
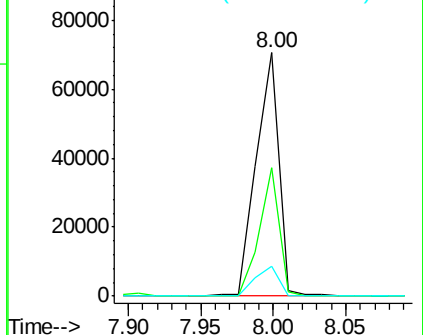
65 12.2 10.6 15.8

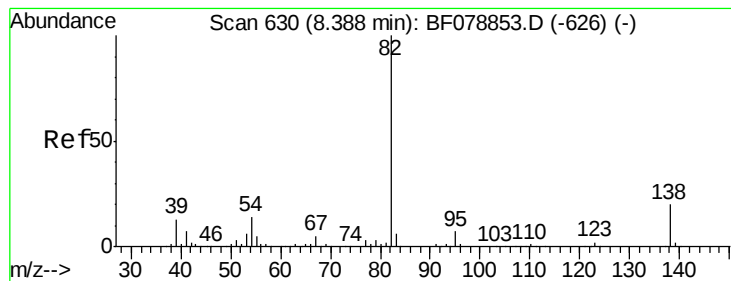


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 18.76 ng

RT: 8.30 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

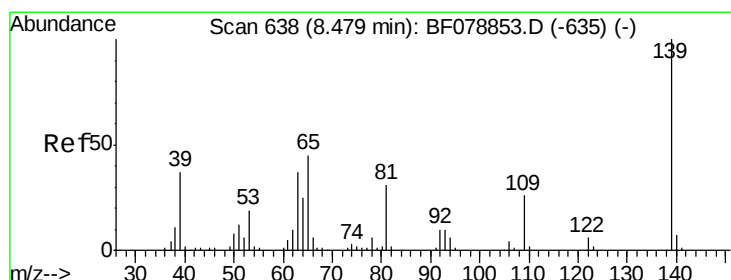
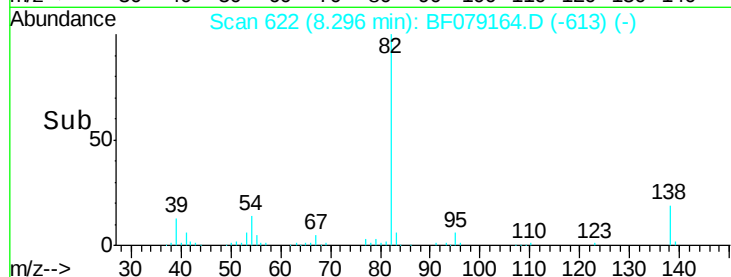
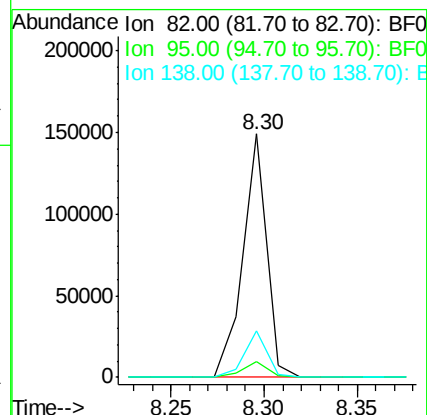
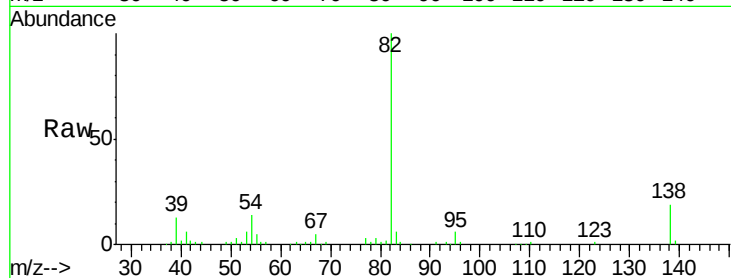
Tot Ion: 82 Resp: 132937

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.9 12.0 18.0#



#26

2-Nitrophenol

Concen: 21.93 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

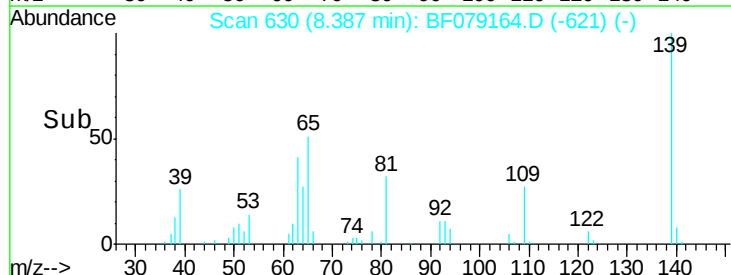
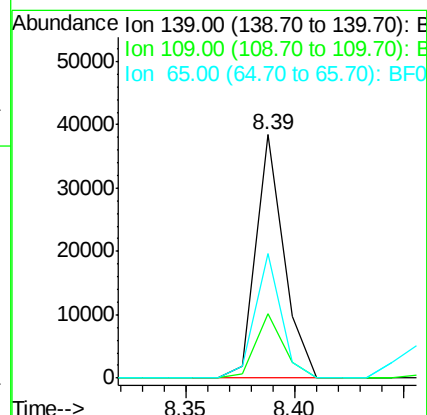
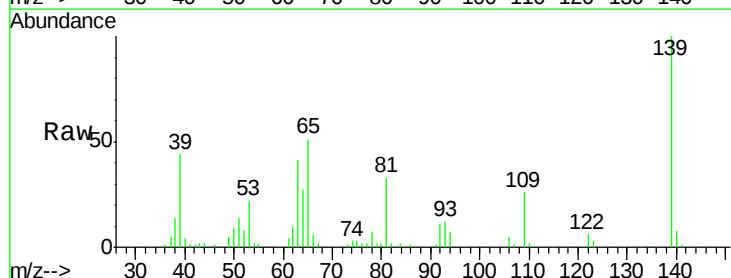
Tgt Ion: 139 Resp: 34382

Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.4

65 51.3 30.5 45.7#

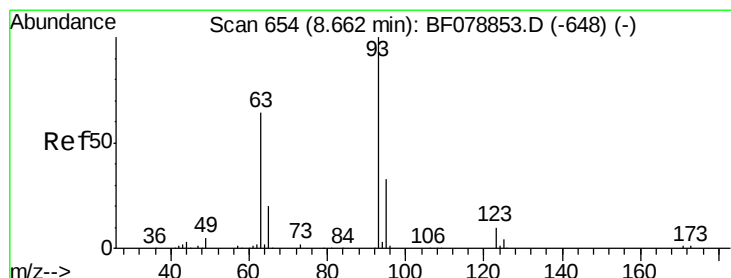
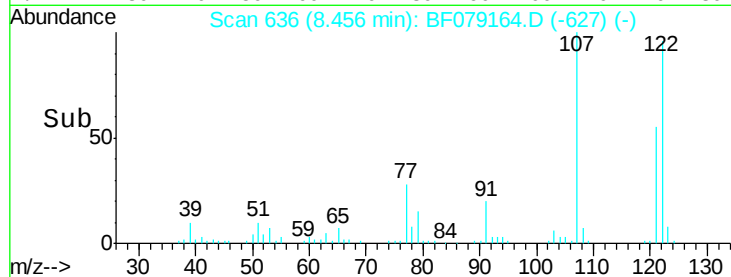
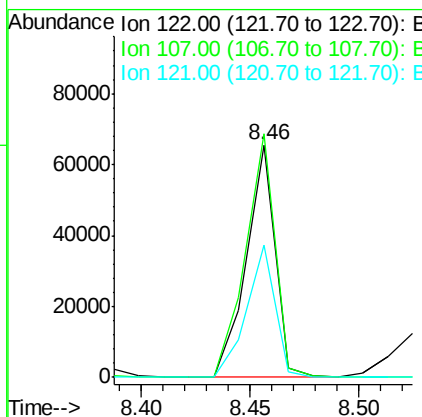
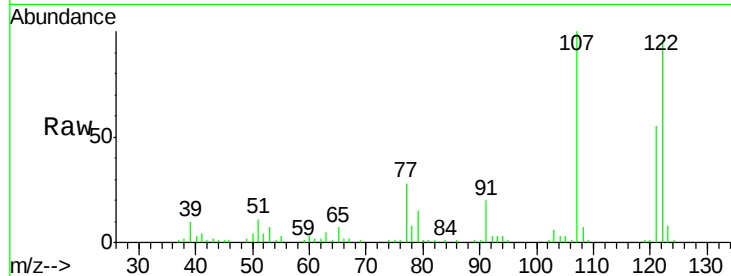




#27
 2,4-Dimethylphenol
 Concen: 19.13 ng
 RT: 8.46 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

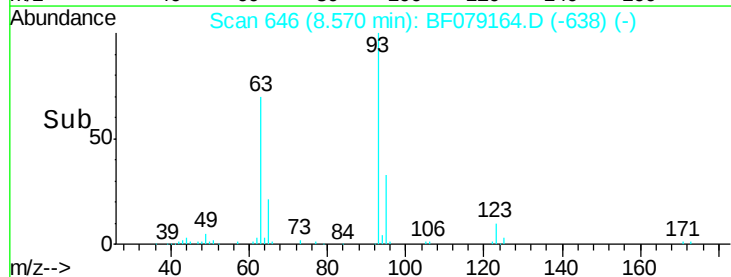
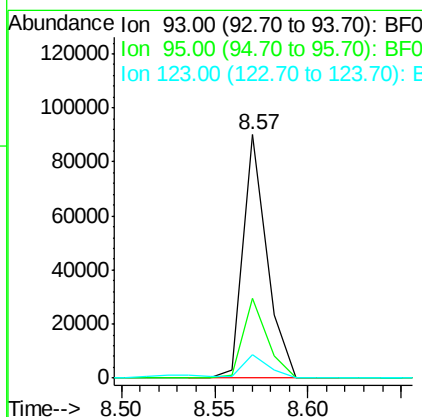
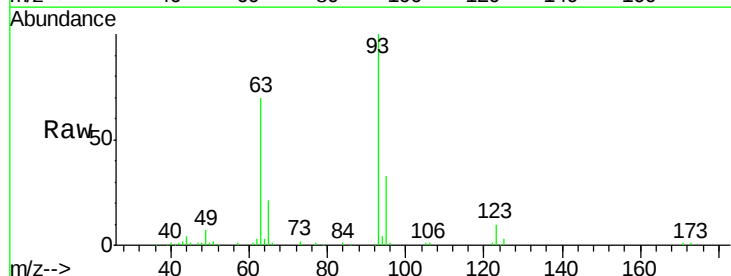
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:122 Resp: 60018
 Ion Ratio Lower Upper
 122 100
 107 104.7 90.6 135.8
 121 57.1 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.38 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion: 93 Resp: 80262
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.7 40.1
 123 9.8 9.1 13.7

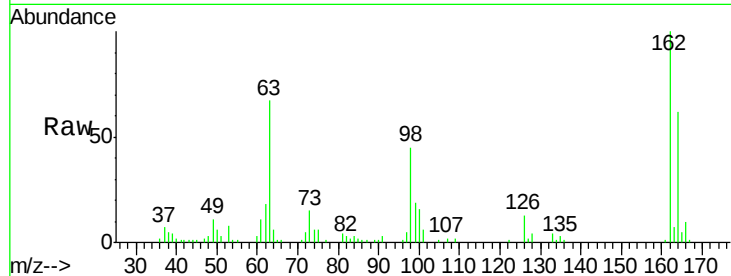




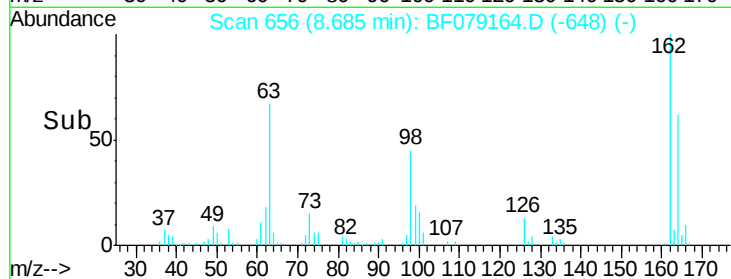
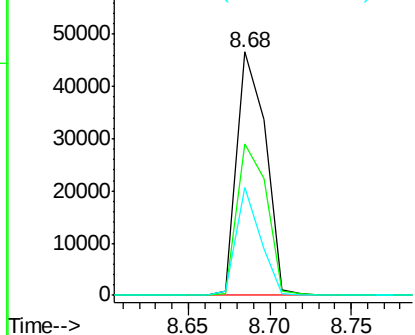
#29
 2,4-Dichlorophenol
 Concen: 20.31 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.6	83.6
98	44.6	16.5	56.5

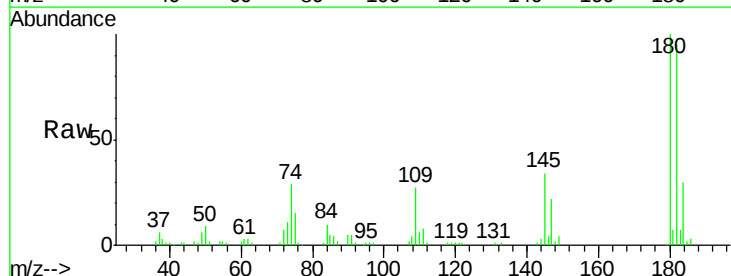


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

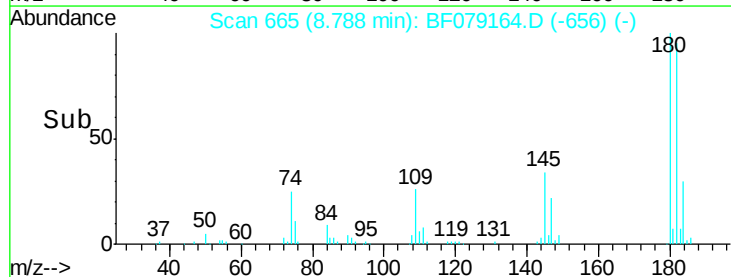
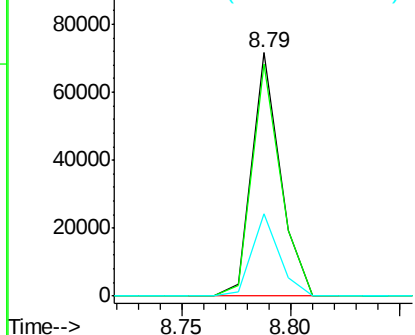


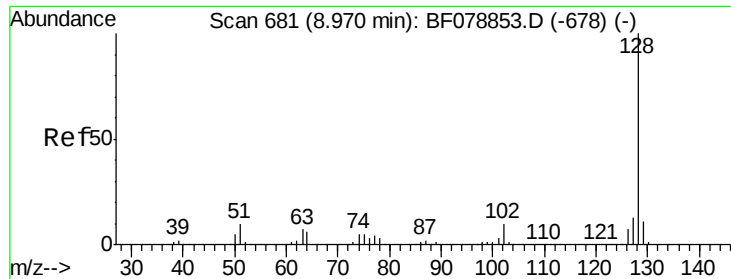
#30
 1,2,4-Trichlorobenzene
 Concen: 21.17 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.9	118.3
145	33.9	24.2	36.4



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

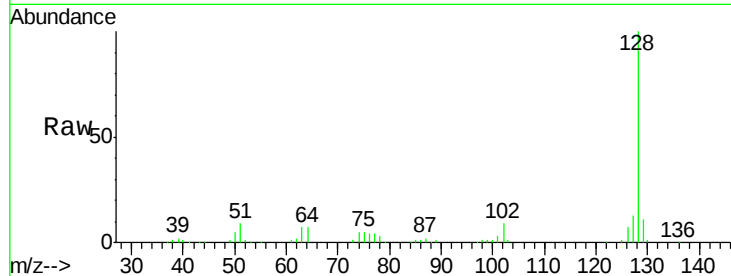




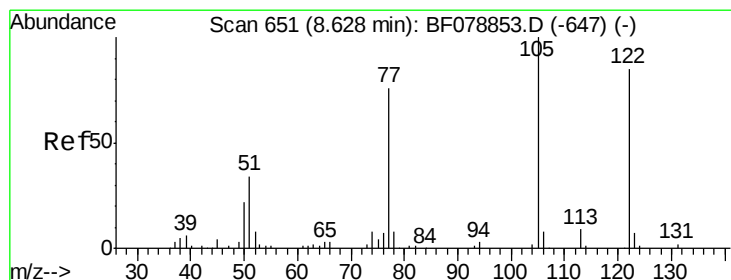
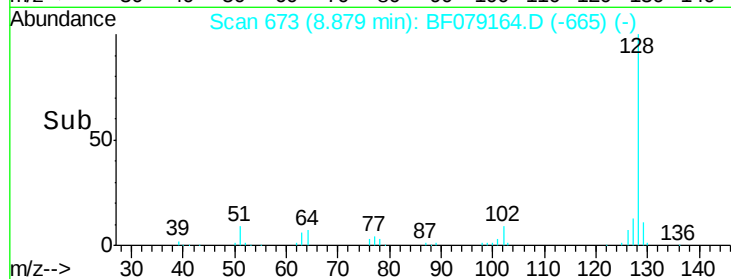
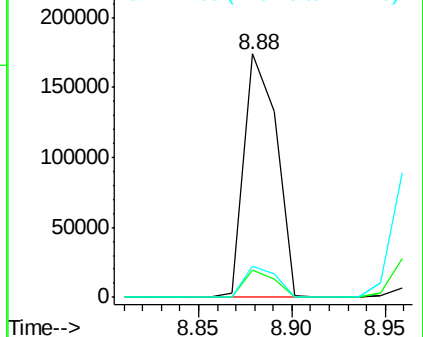
#31
Naphthalene
Concen: 20.38 ng
RT: 8.88 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:128 Resp: 213250
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.8 10.7 16.1

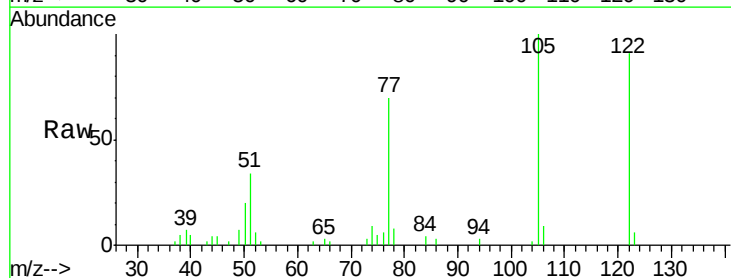


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

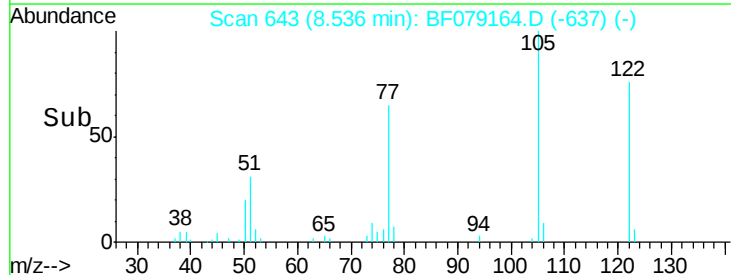
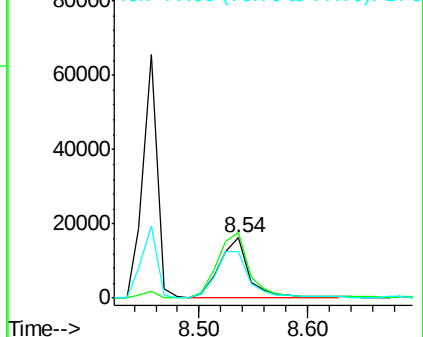


#32
Benzoic acid
Concen: 20.34 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:122 Resp: 31744
Ion Ratio Lower Upper
122 100
105 110.5 107.1 147.1
77 77.1 73.9 113.9



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

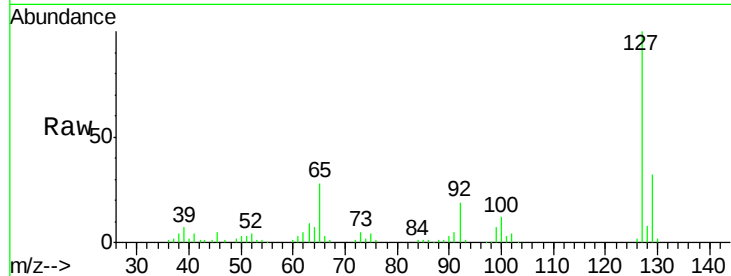




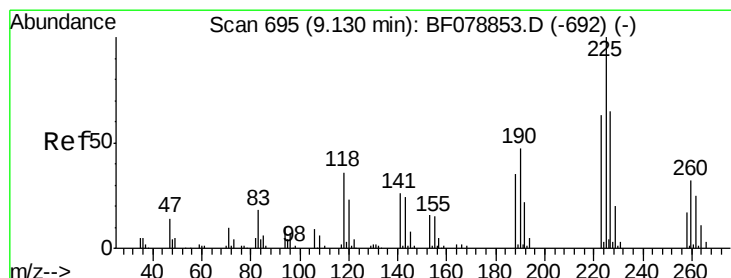
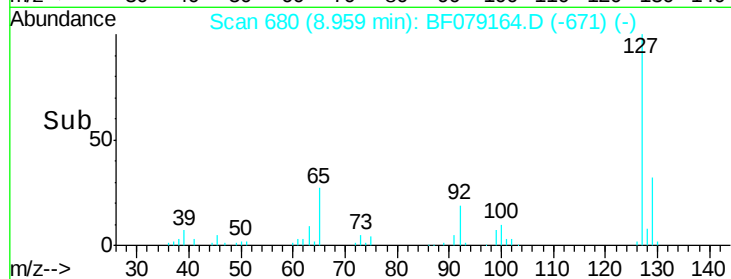
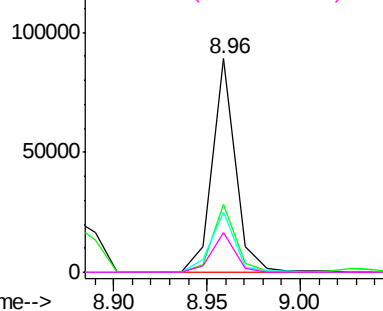
#33
4-Chloroaniline
Concen: 17.51 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:	127	Resp:	77555
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	28.1	25.8	38.6
92	18.9	15.5	23.3

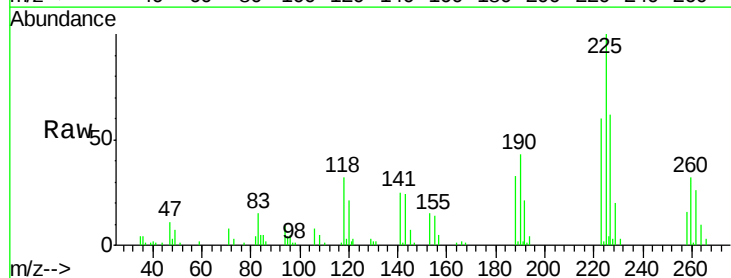


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

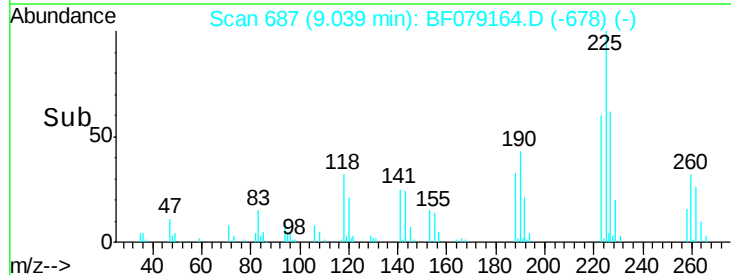
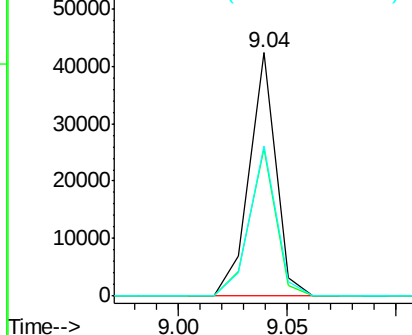


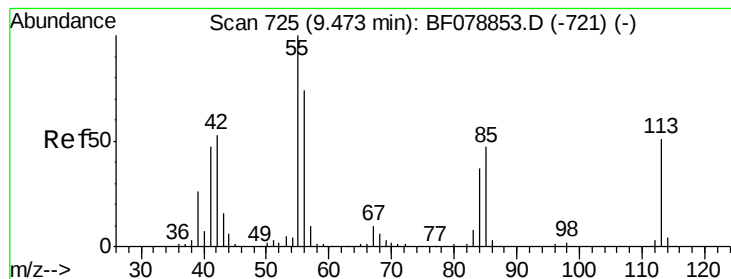
#34
Hexachlorobutadiene
Concen: 20.38 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:	225	Resp:	35969
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.2	72.4
227	61.8	51.4	77.0



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: 25.42 ng

RT: 9.37 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

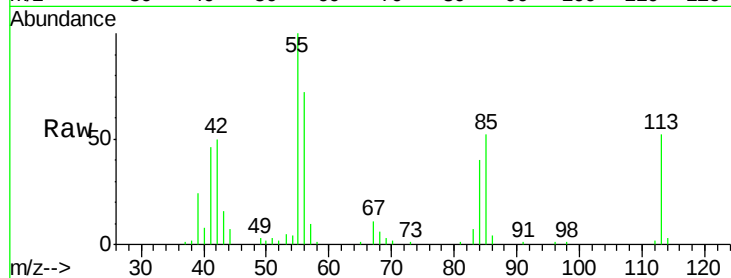
Tot Ion:113 Resp: 22934

Ion Ratio Lower Upper

113 100

55 190.8 169.7 209.7

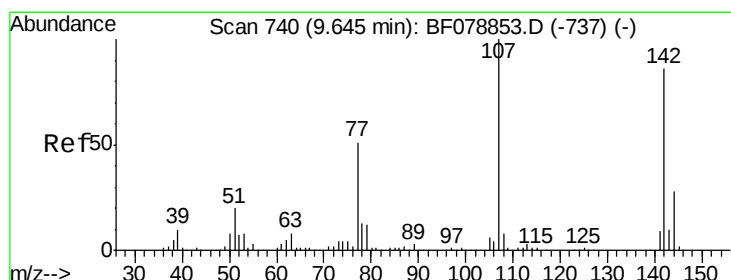
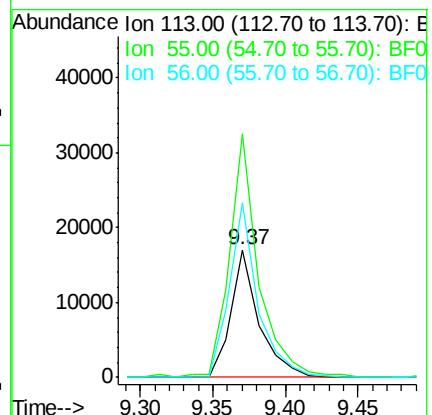
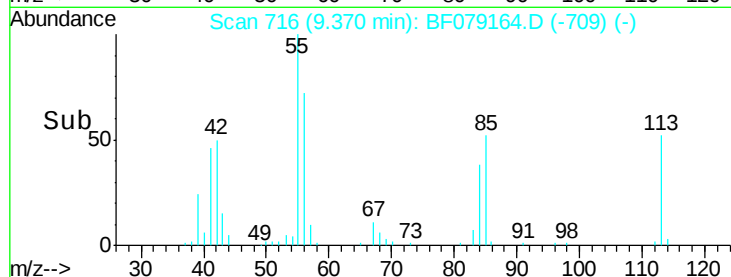
56 137.2 122.5 162.5



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: 21.33 ng

RT: 9.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

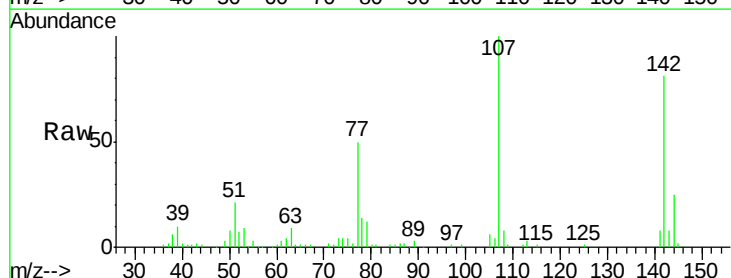
Tgt Ion:107 Resp: 62505

Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

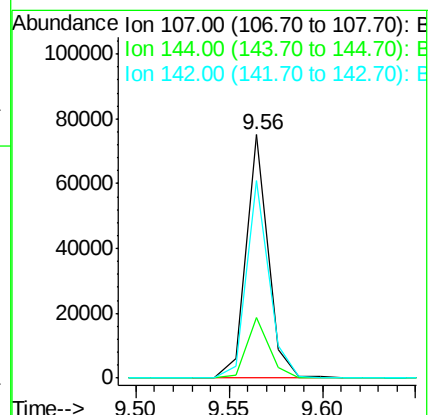
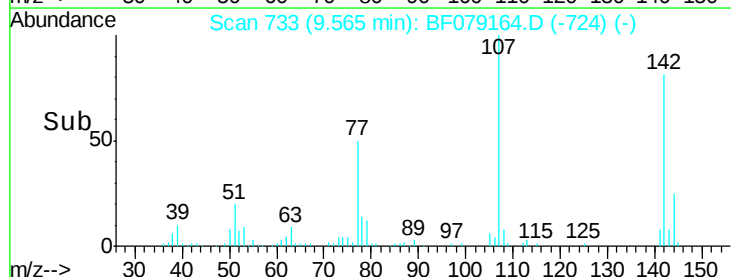
142 81.1 60.6 91.0

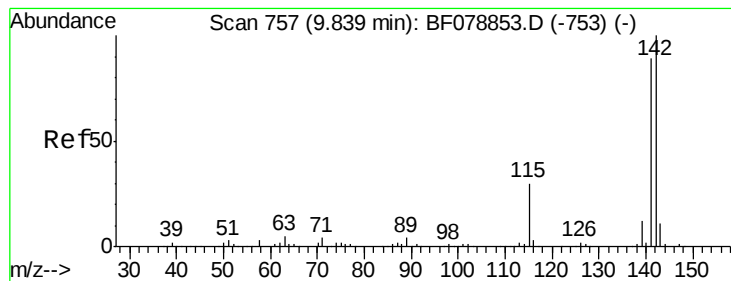


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

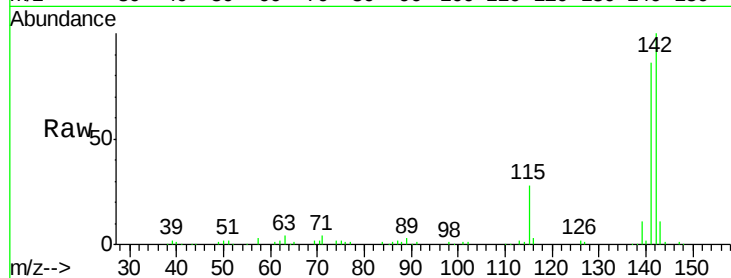




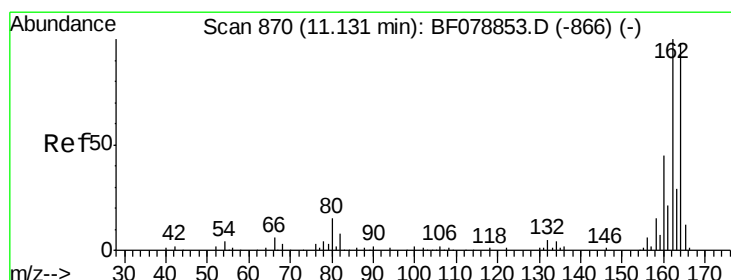
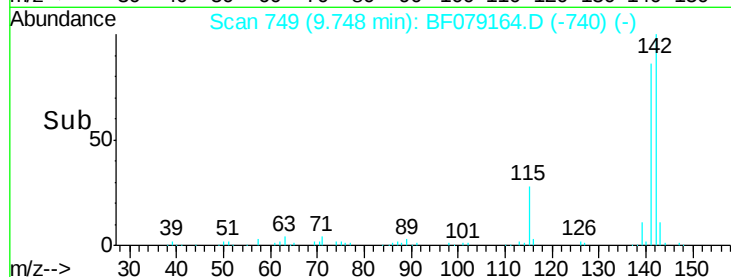
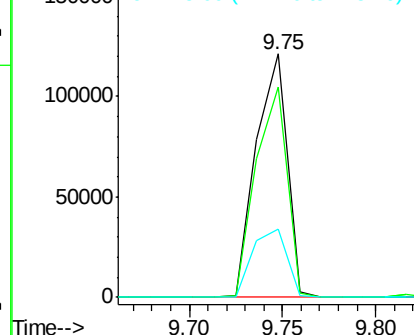
#37
 2-Methylnaphthalene
 Concen: 19.25 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:142 Resp: 139596
 Ion Ratio Lower Upper
 142 100
 141 86.2 70.9 106.3
 115 27.8 28.5 42.7#

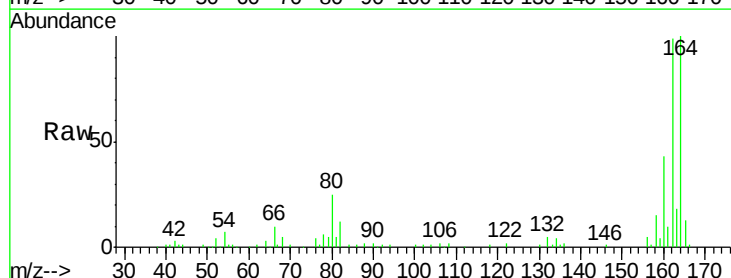


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

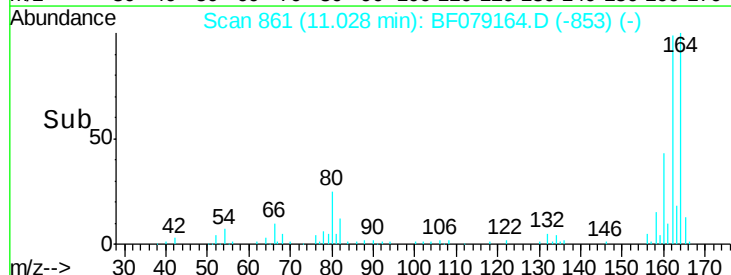
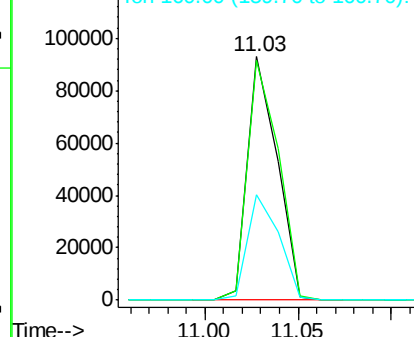


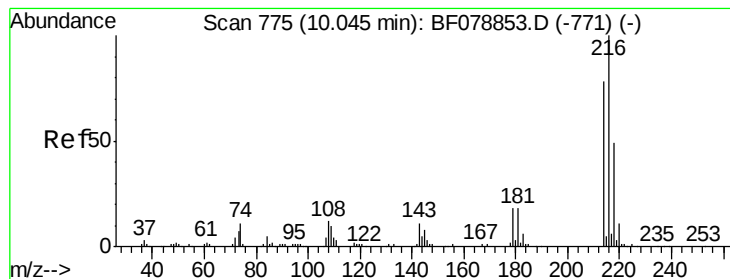
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:164 Resp: 103335
 Ion Ratio Lower Upper
 164 100
 162 98.6 82.7 124.1
 160 43.4 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.17 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

Tot Ion:216 Resp: 55790

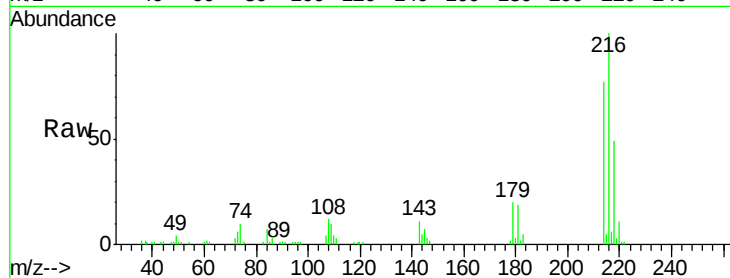
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 22.1 0.0 0.0#

108 20.7 0.0 0.0#

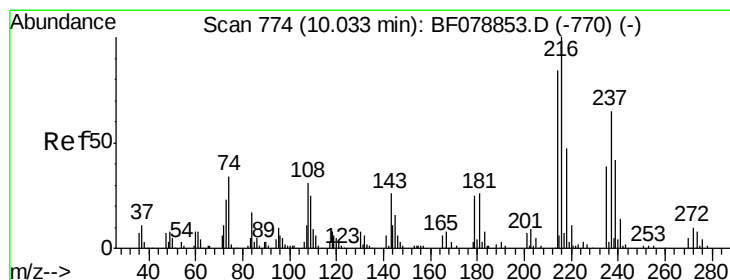
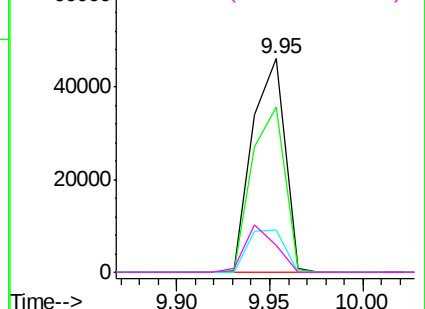
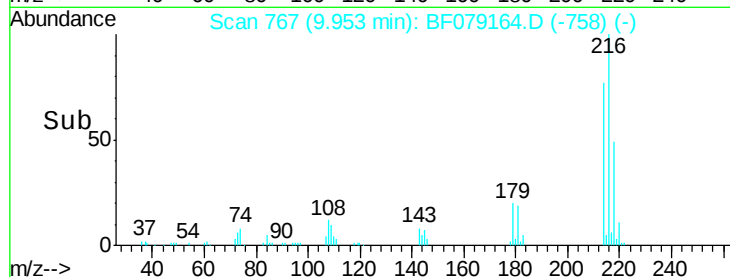


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.67 ng

RT: 9.93 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

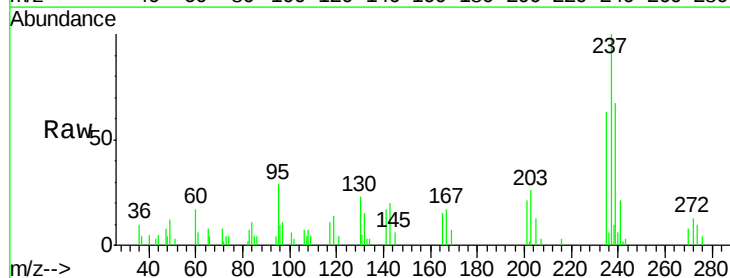
Tgt Ion:237 Resp: 12692

Ion Ratio Lower Upper

237 100

235 63.2 44.7 84.7

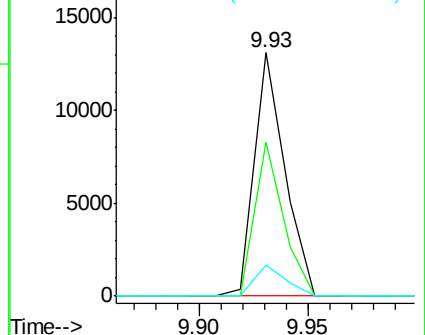
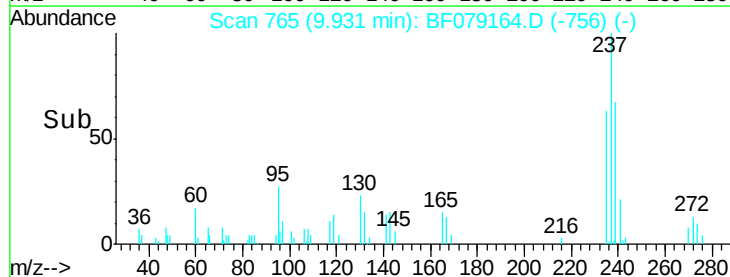
272 12.8 0.0 32.6

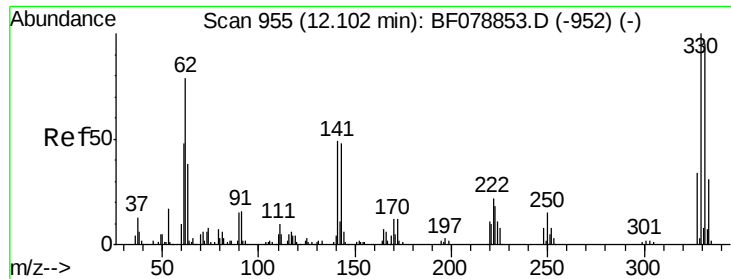


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

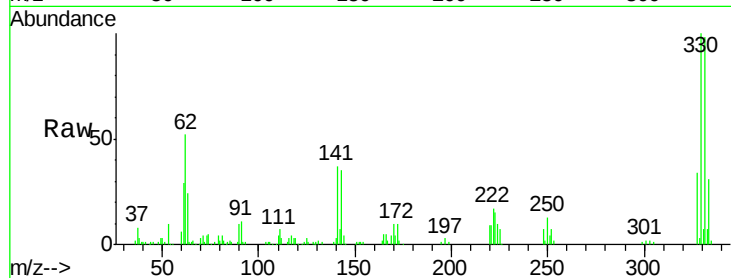




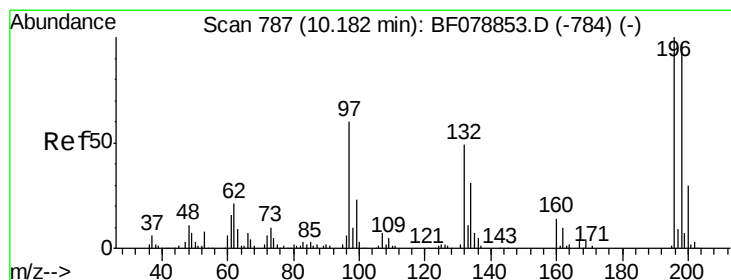
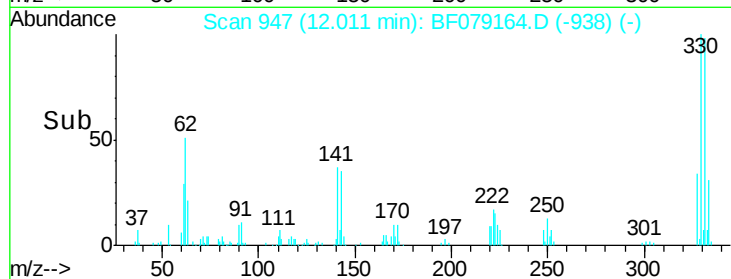
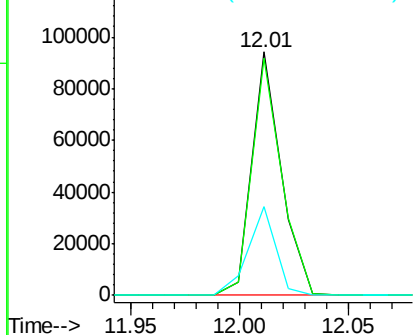
#41
 2,4,6-Tribromophenol
 Concen: 79.62 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:330 Resp: 89003
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 34.6 0.0 0.0#

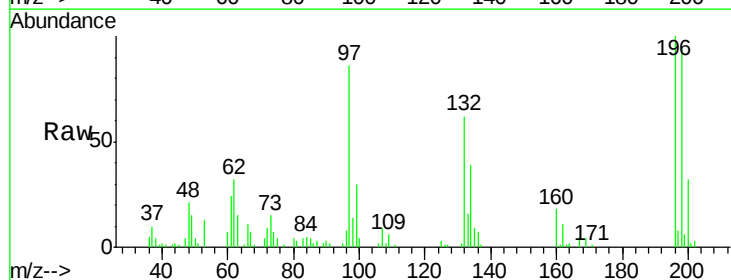


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

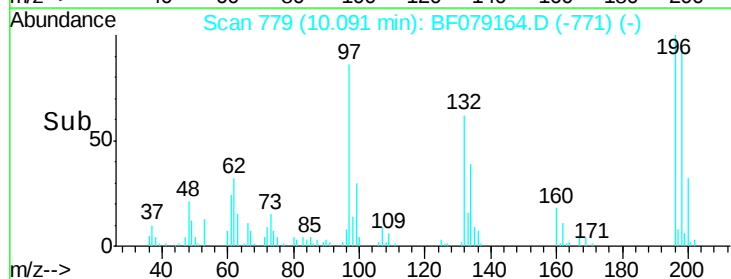
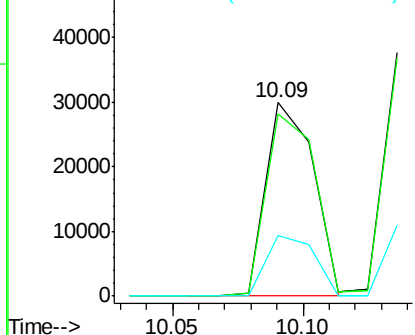


#42
 2,4,6-Trichlorophenol
 Concen: 18.76 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:196 Resp: 37539
 Ion Ratio Lower Upper
 196 100
 198 94.2 80.5 120.7
 200 31.5 24.9 37.3



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

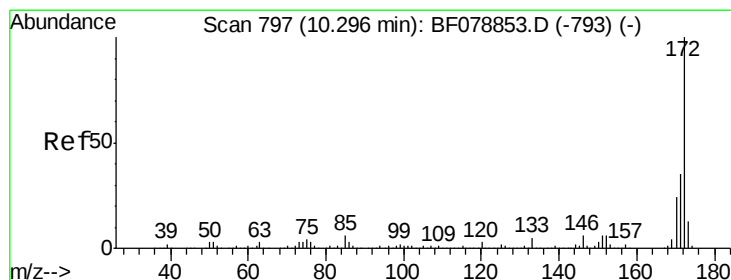
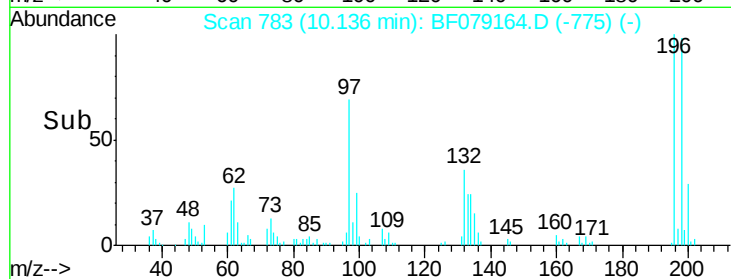
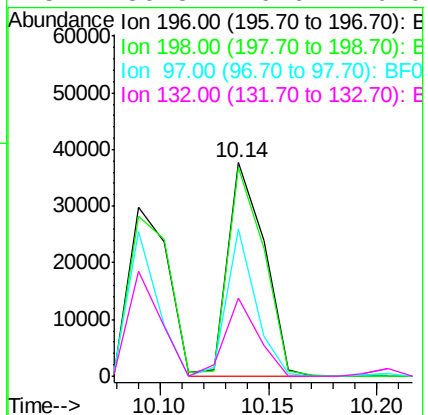
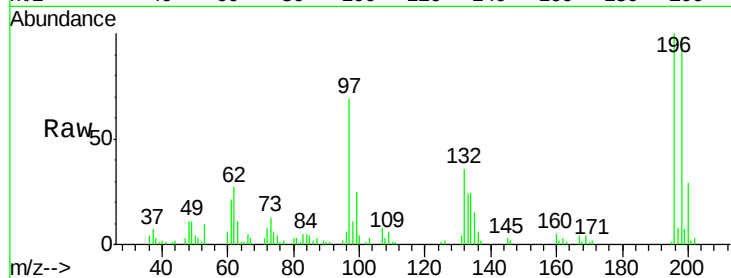




#43
 2,4,5-Trichlorophenol
 Concen: 21.59 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

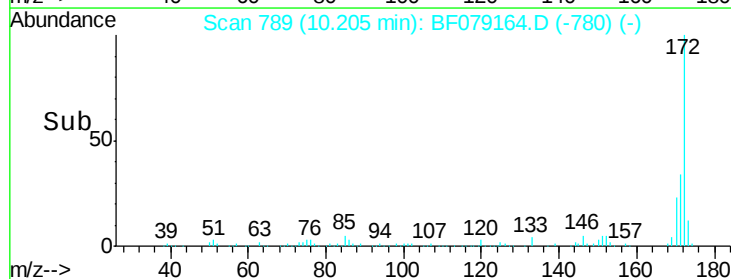
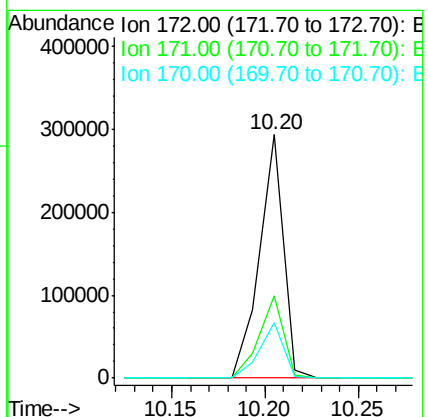
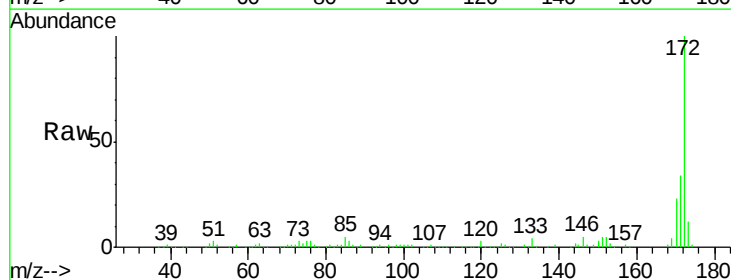
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

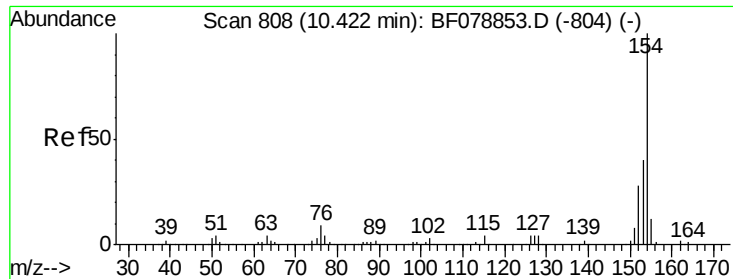
Tot Ion:196 Resp: 43677
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.8 119.6
 97 68.9 46.0 69.0
 132 36.3 26.6 40.0



#44
 2-Fluorobiphenyl
 Concen: 35.75 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:172 Resp: 265125
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.9 41.9
 170 23.0 19.4 29.0

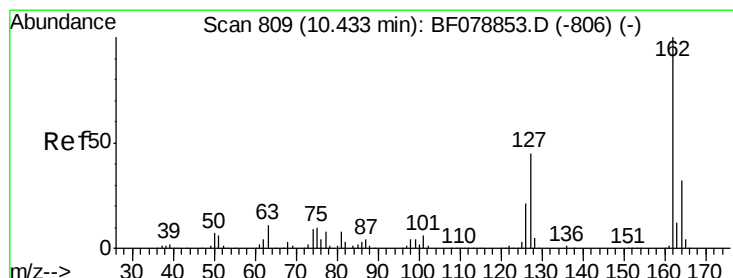
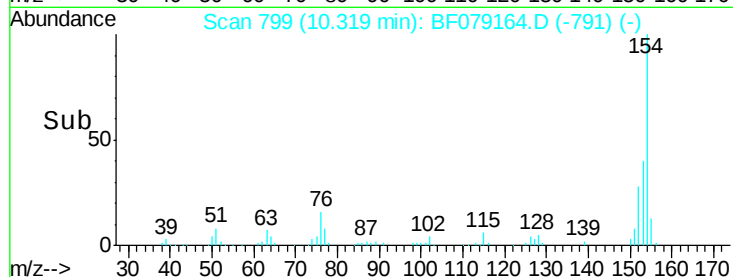
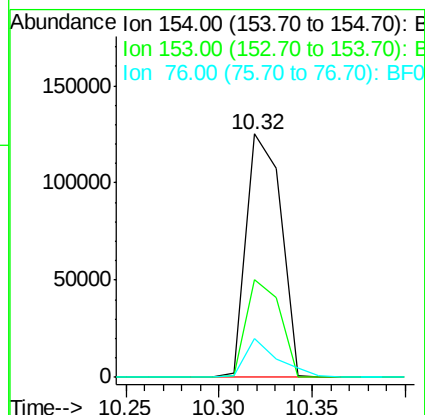
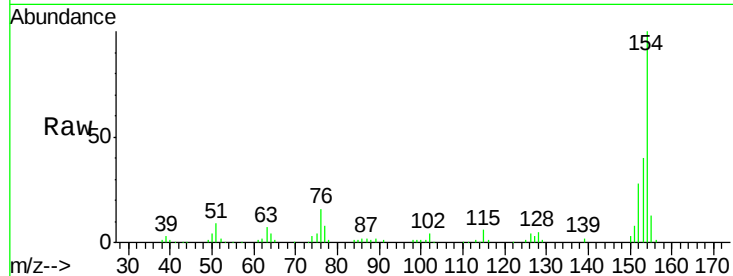




#45
1,1'-Biphenyl
Concen: 19.68 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

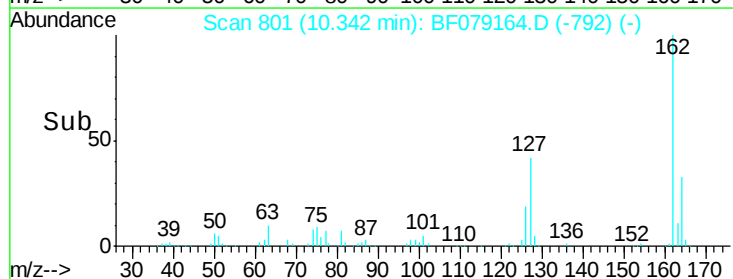
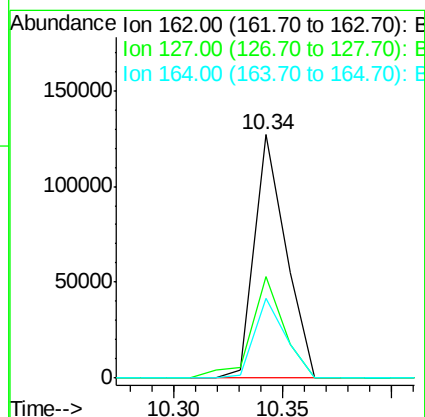
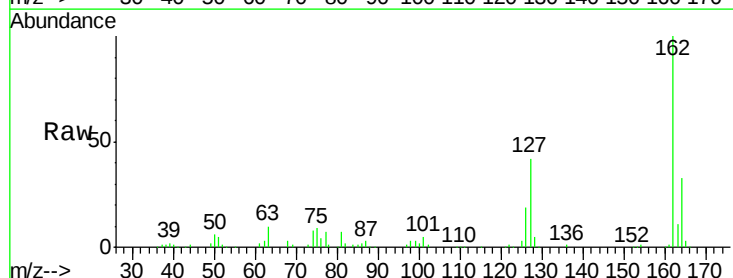
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:154 Resp: 161698
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 15.9 0.0 35.0



#46
2-Chloronaphthalene
Concen: 19.97 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:162 Resp: 127933
Ion Ratio Lower Upper
162 100
127 41.6 33.9 50.9
164 32.8 26.3 39.5

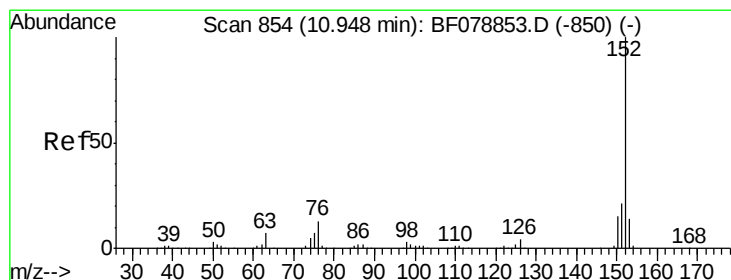
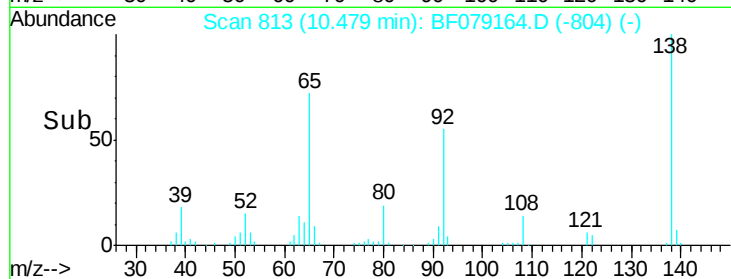
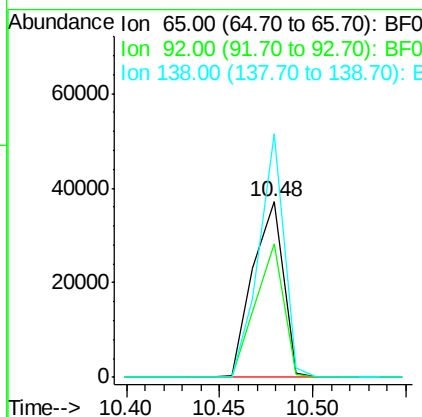
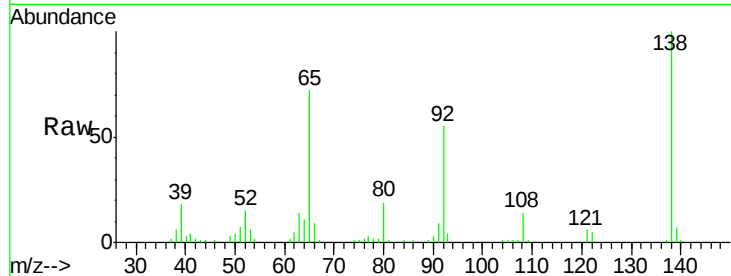




#47
2-Nitroaniline
Concen: 22.72 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

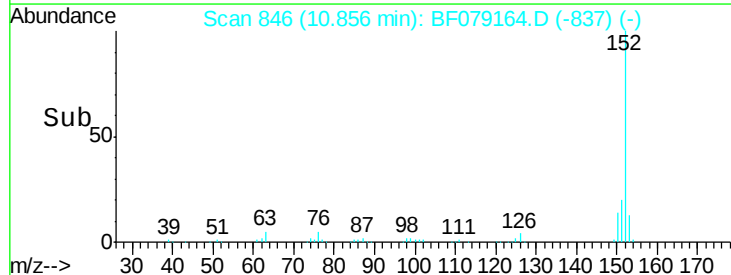
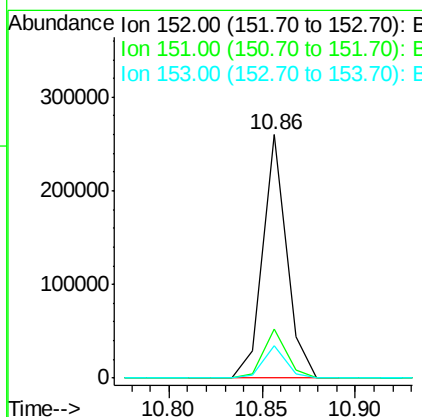
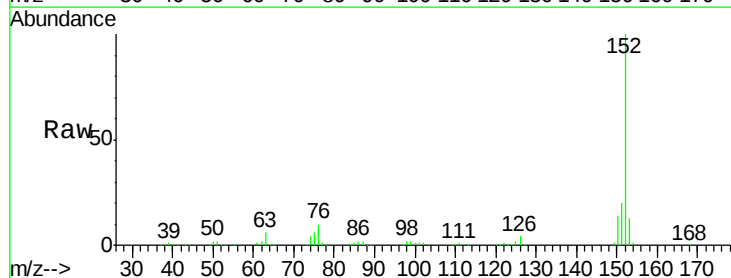
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

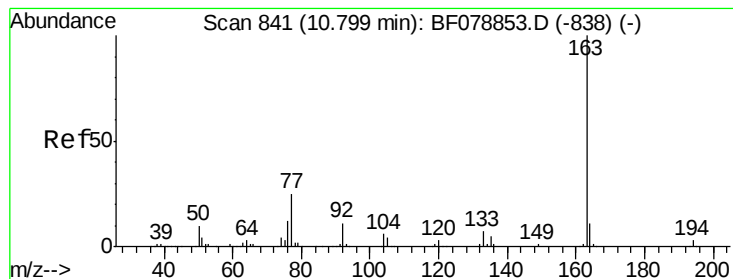
Tot Ion: 65 Resp: 42182
Ion Ratio Lower Upper
65 100
92 76.2 54.0 81.0
138 138.9 75.0 112.6#



#48
Acenaphthylene
Concen: 21.76 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:152 Resp: 228897
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 25.48 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

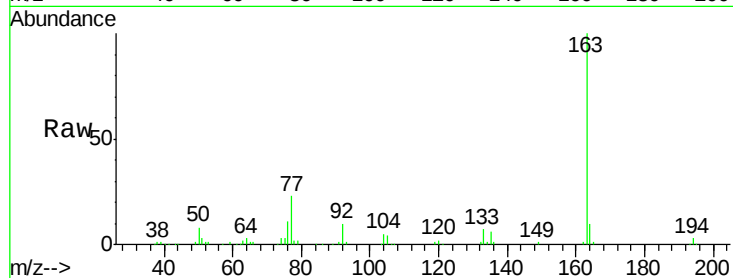
Tot Ion:163 Resp: 193266

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

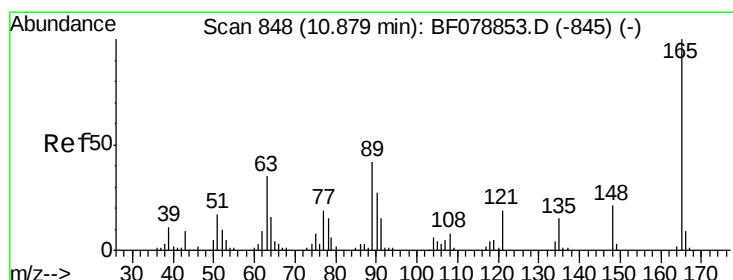
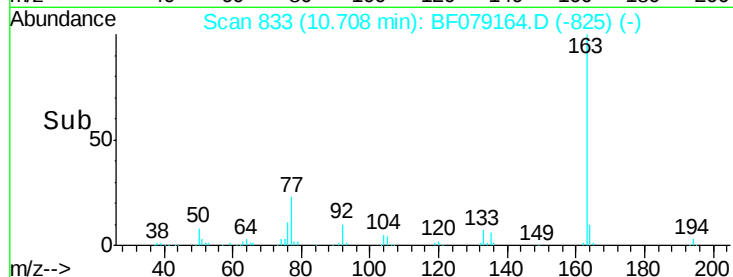
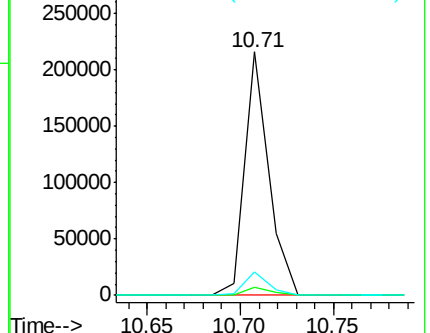
164 9.9 8.1 12.1



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: 23.49 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

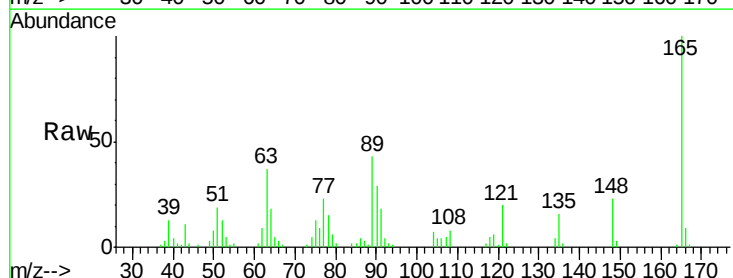
Tgt Ion:165 Resp: 35159

Ion Ratio Lower Upper

165 100

63 36.8 54.4 81.6#

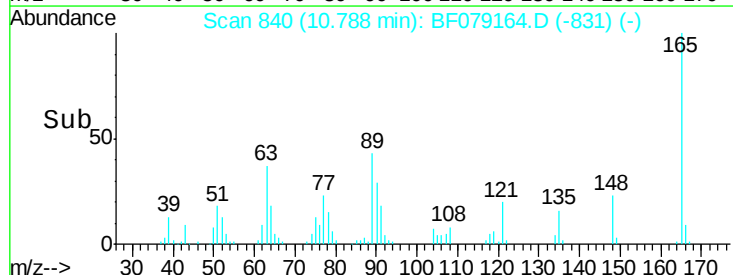
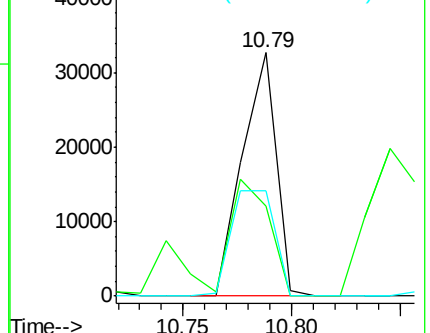
89 43.2 55.7 83.5#



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: 20.73 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

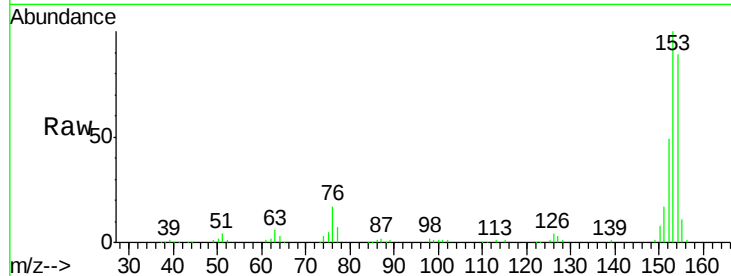
Tot Ion:154 Resp: 130044

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

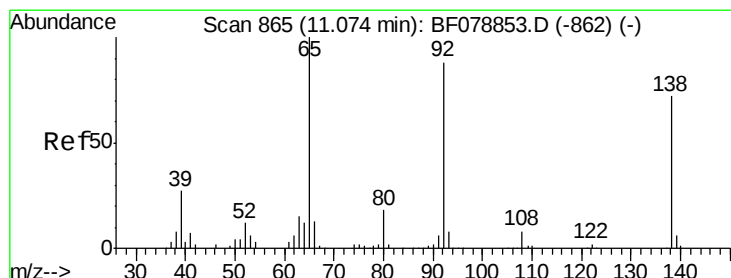
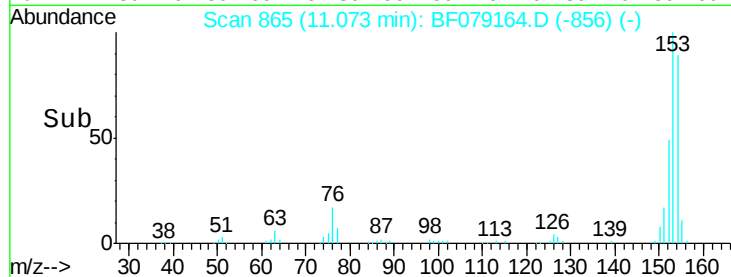
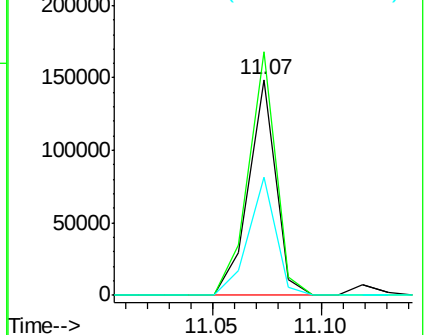
152 54.9 44.2 66.4



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: 24.25 ng

RT: 10.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

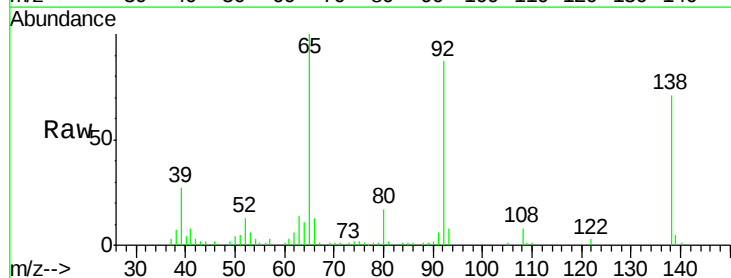
Tgt Ion:138 Resp: 45336

Ion Ratio Lower Upper

138 100

108 11.5 10.6 16.0

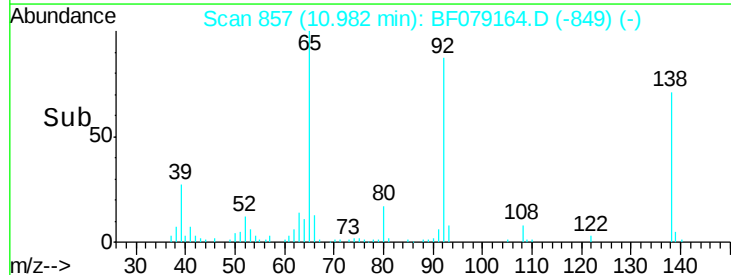
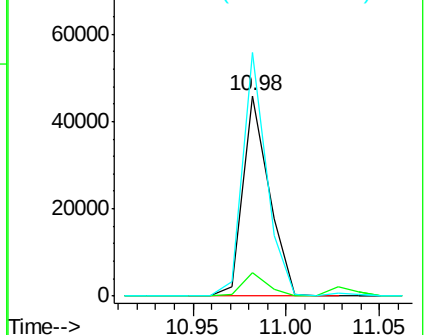
92 121.4 81.8 122.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

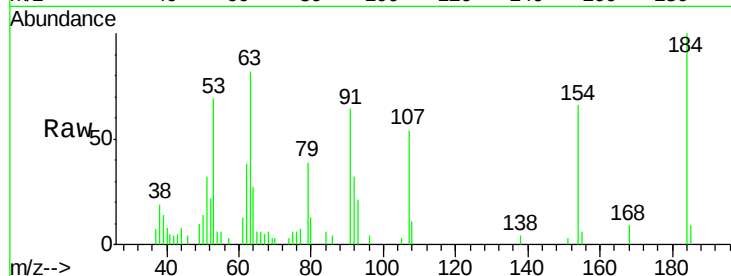




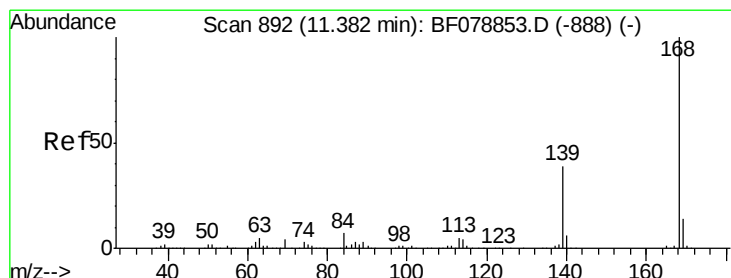
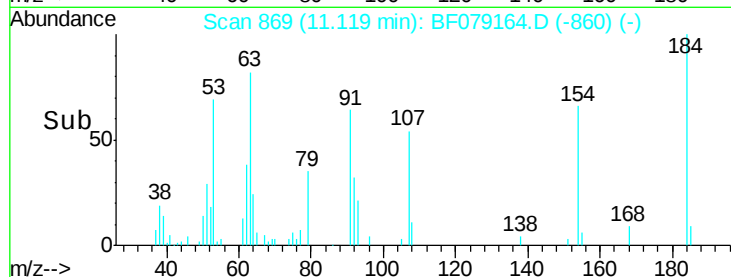
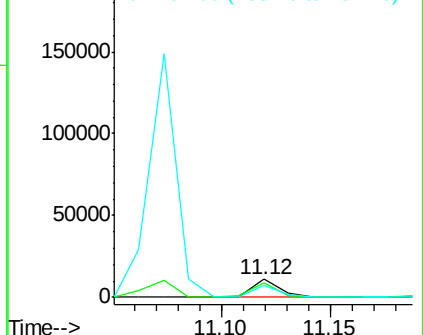
#53
2,4-Dinitrophenol
Concen: 28.74 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:184 Resp: 10146
Ion Ratio Lower Upper
184 100
63 82.3 63.3 94.9
154 66.2 53.8 80.6

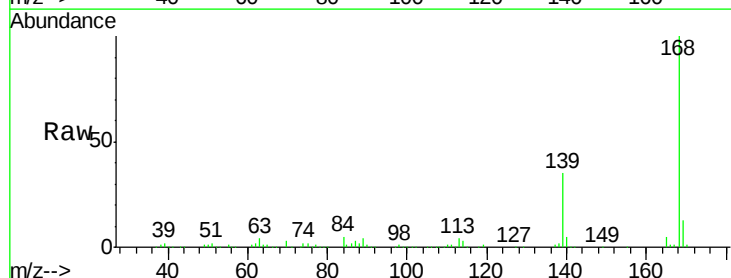


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

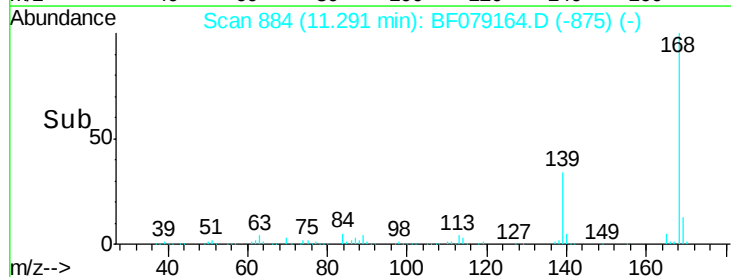
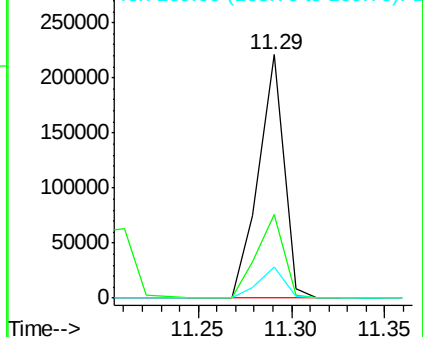


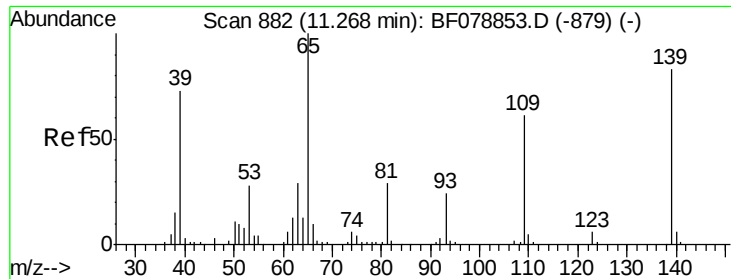
#54
Dibenzofuran
Concen: 23.10 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:168 Resp: 209315
Ion Ratio Lower Upper
168 100
139 34.6 31.0 46.4
169 12.9 10.6 16.0



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

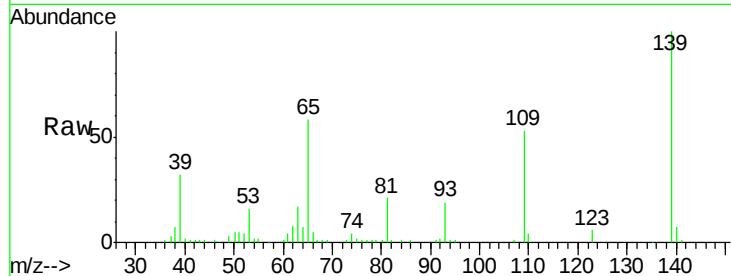




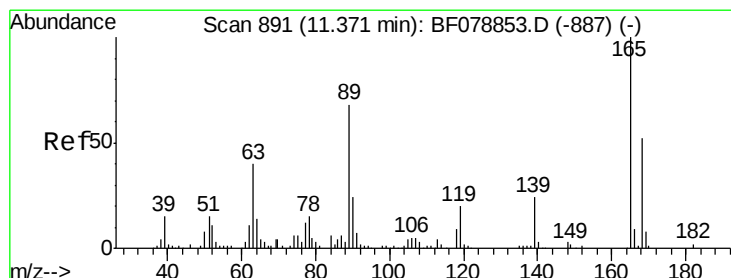
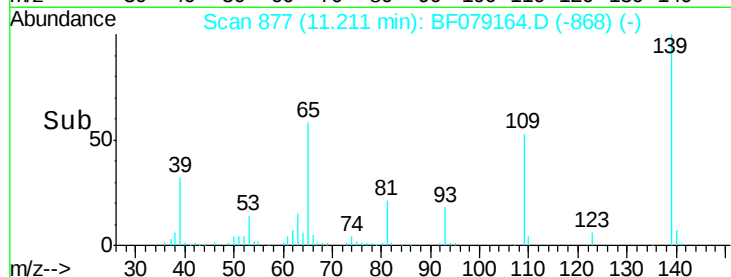
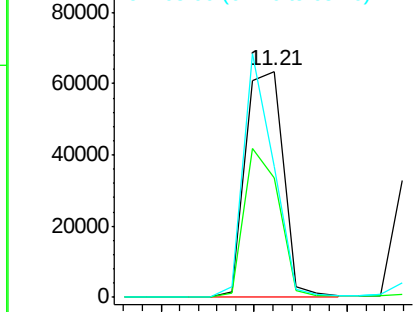
#55
4-Nitrophenol
Concen: 60.49 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:139 Resp: 89513
Ion Ratio Lower Upper
139 100
109 52.6 47.6 87.6
65 57.9 54.3 94.3

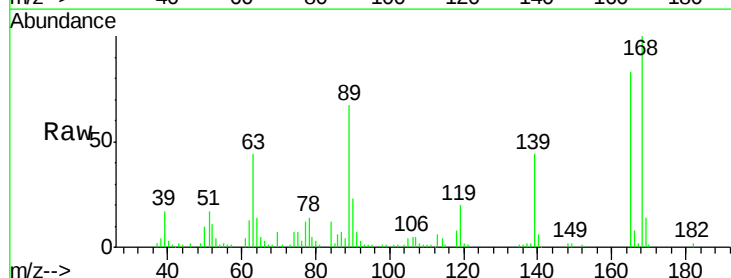


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

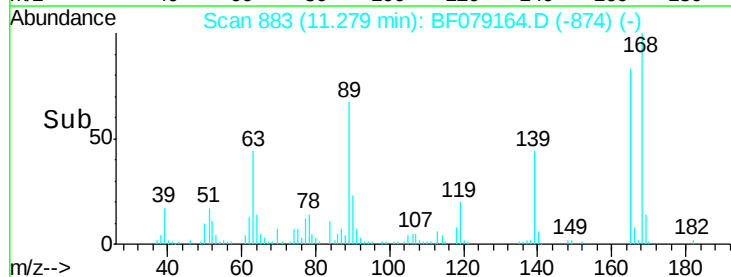
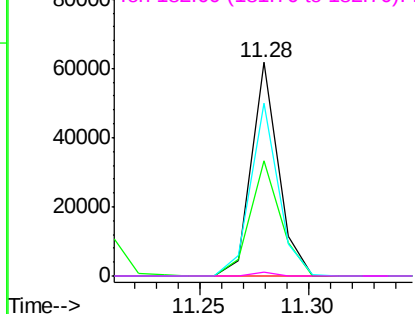


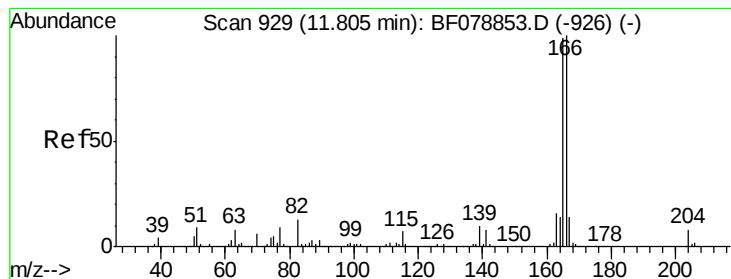
#56
2,4-Dinitrotoluene
Concen: 26.95 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:165 Resp: 53329
Ion Ratio Lower Upper
165 100
63 53.8 51.2 76.8
89 80.9 82.7 124.1#
182 1.9 1.4 2.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 23.91 ng

RT: 11.71 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

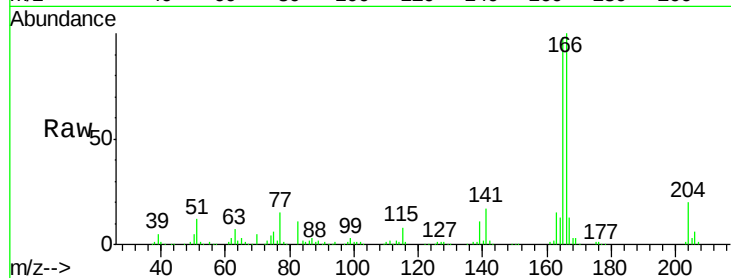
Tot Ion:166 Resp: 177829

Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

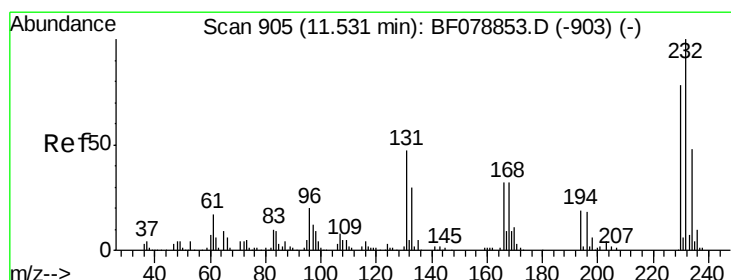
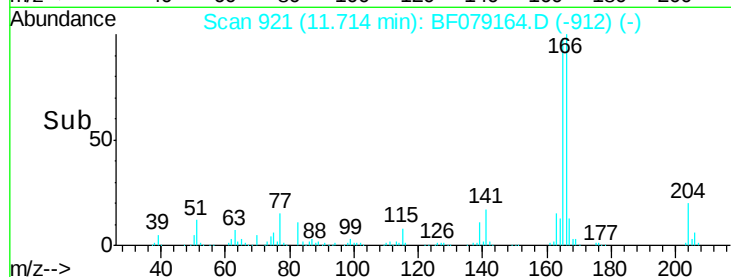
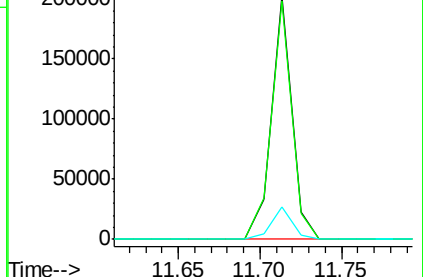
167 13.2 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.76 ng

RT: 11.44 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Tgt Ion:232 Resp: 42576

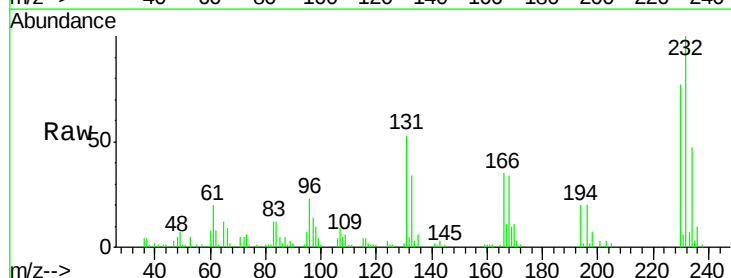
Ion Ratio Lower Upper

232 100

131 50.1 0.0 0.0#

130 1.9 0.0 0.0#

166 33.3 0.0 0.0#

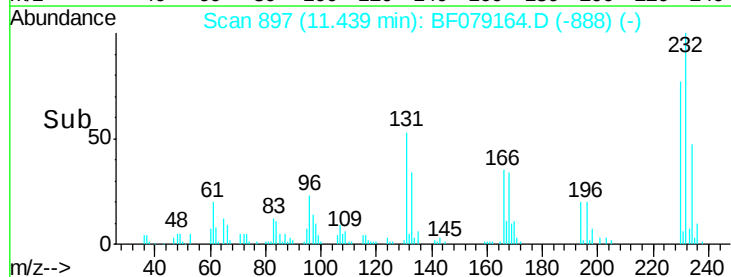
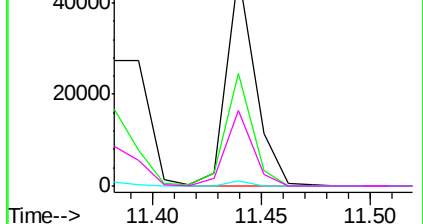


Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.86 ng

RT: 11.59 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

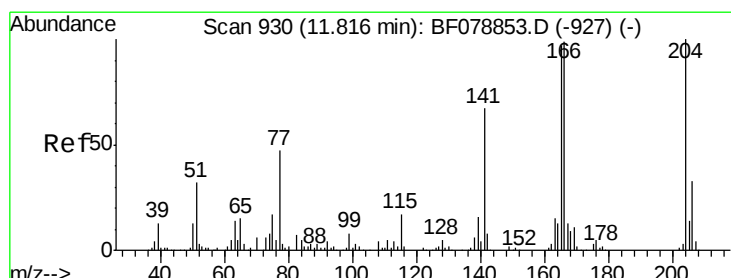
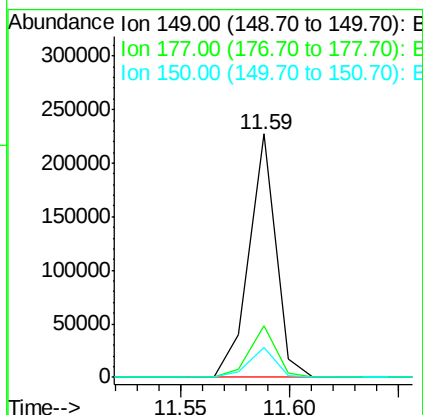
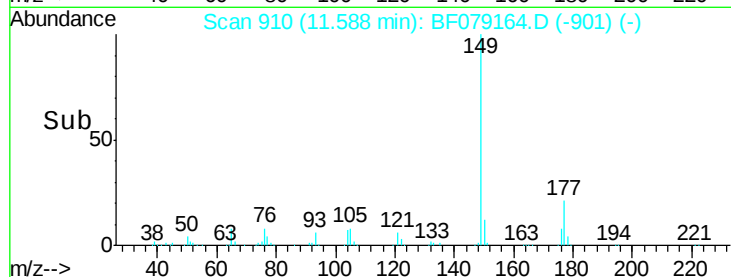
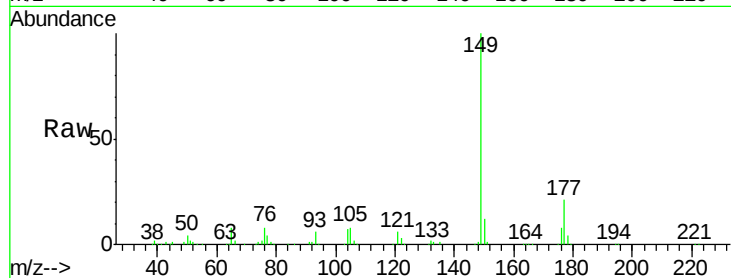
Tot Ion:149 Resp: 194305

Ion Ratio Lower Upper

149 100

177 21.3 17.5 26.3

150 12.2 9.6 14.4



#60

4-Chlorophenyl-phenylether

Concen: 22.93 ng

RT: 11.72 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

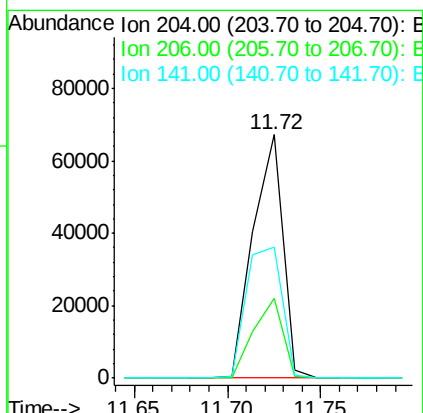
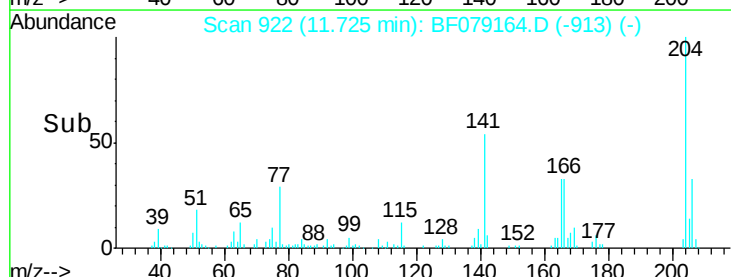
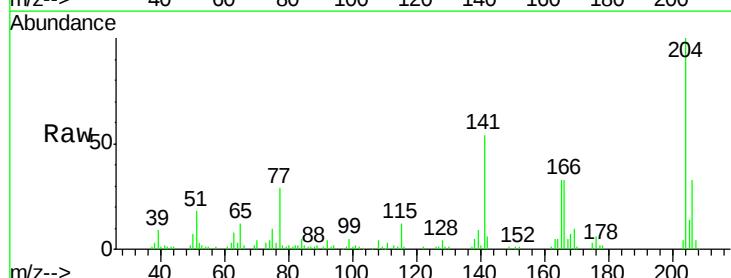
Tgt Ion:204 Resp: 75653

Ion Ratio Lower Upper

204 100

206 32.7 26.9 40.3

141 53.9 48.3 72.5

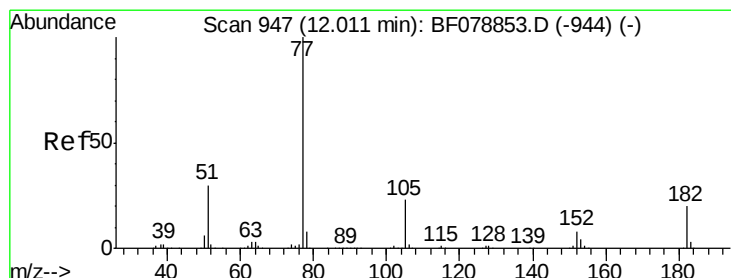
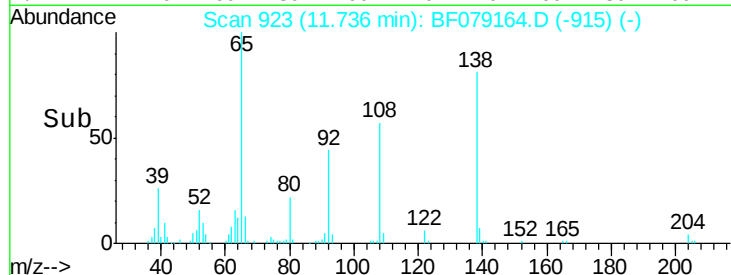
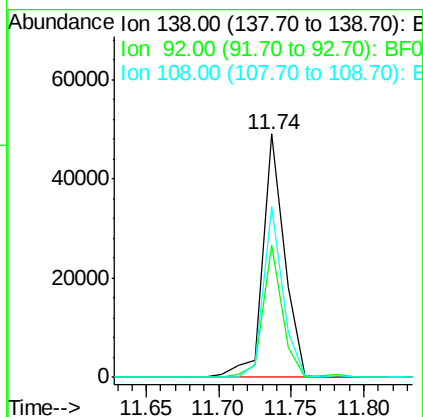
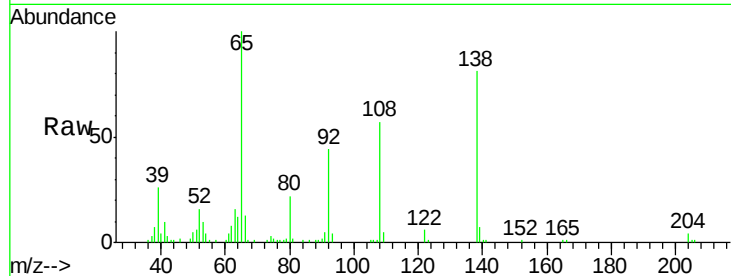




#61
4-Nitroaniline
Concen: 27.19 ng
RT: 11.74 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

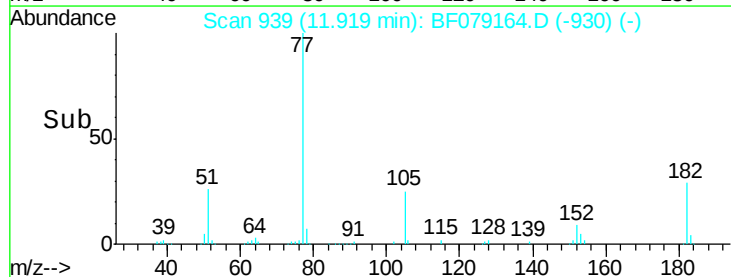
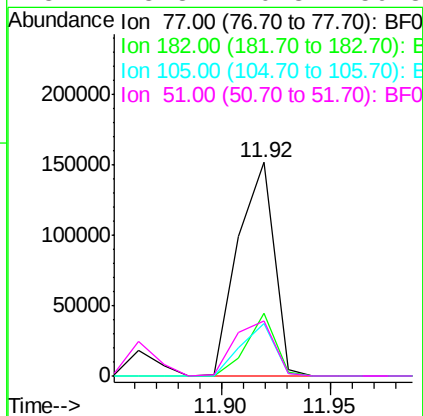
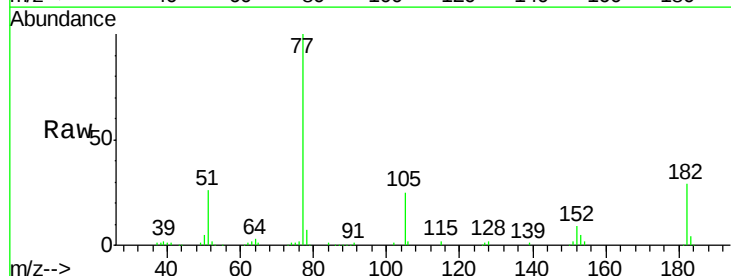
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:138 Resp: 50863
Ion Ratio Lower Upper
138 100
92 54.2 28.0 68.0
108 70.2 56.3 96.3



#62
Azobenzene
Concen: 23.81 ng
RT: 11.92 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion: 77 Resp: 176266
Ion Ratio Lower Upper
77 100
182 29.3 3.8 43.8
105 24.7 3.9 43.9
51 25.8 10.8 50.8

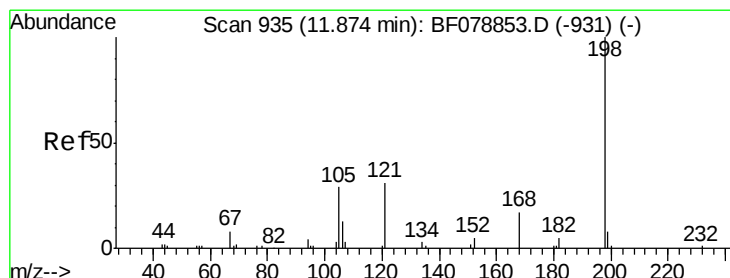
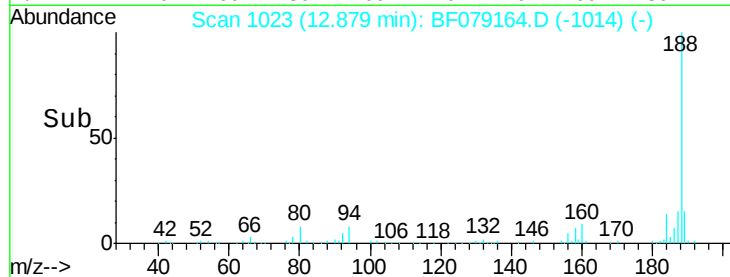
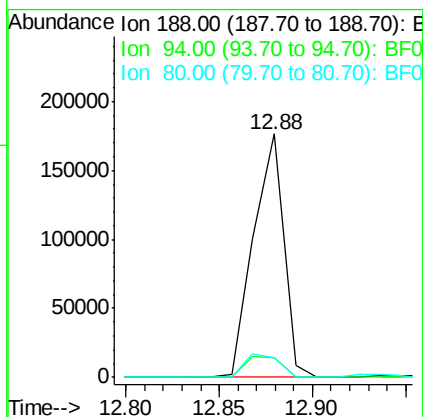
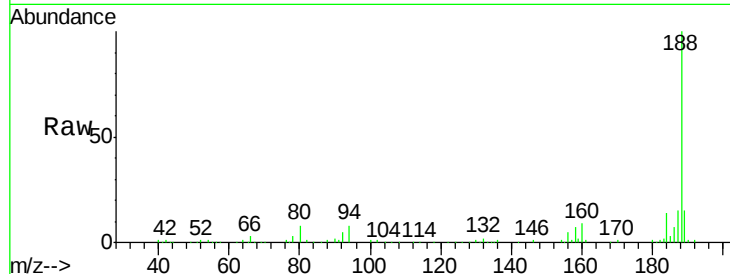




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

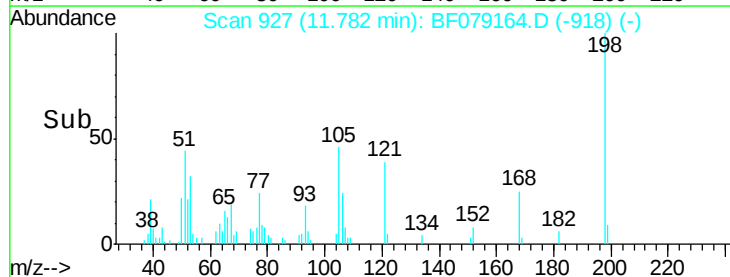
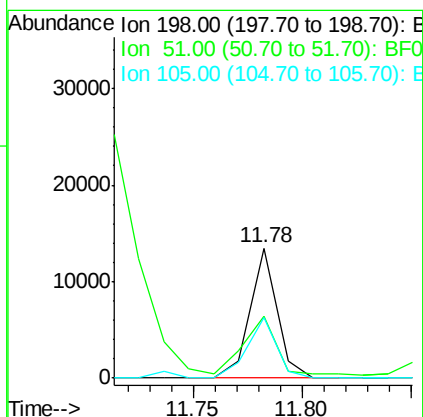
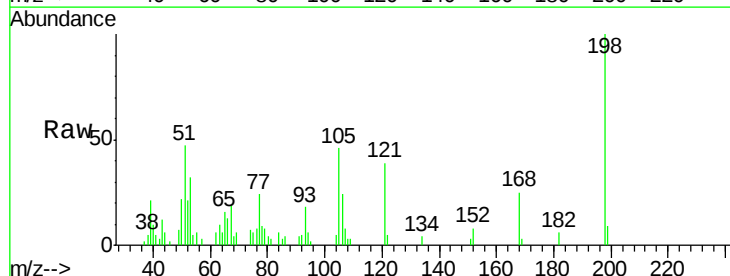
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

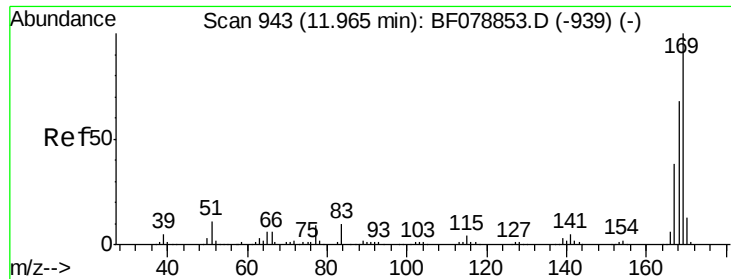
Tot Ion:188 Resp: 197155
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.1 8.9 13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 18.99 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:198 Resp: 11617
Ion Ratio Lower Upper
198 100
51 47.4 47.3 87.3
105 46.2 38.8 78.8

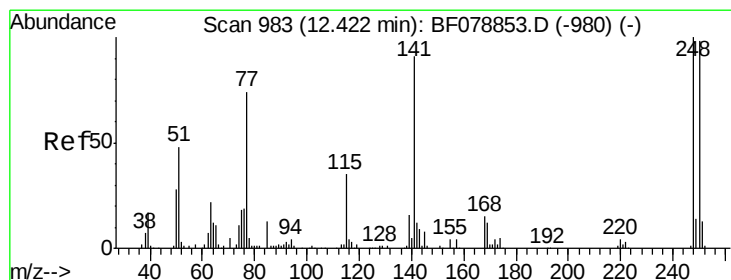
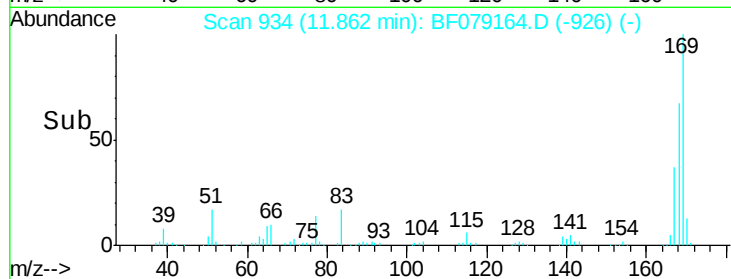
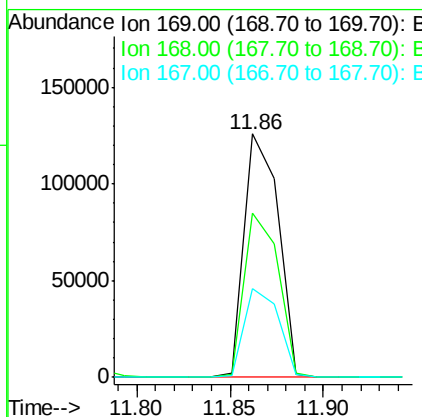
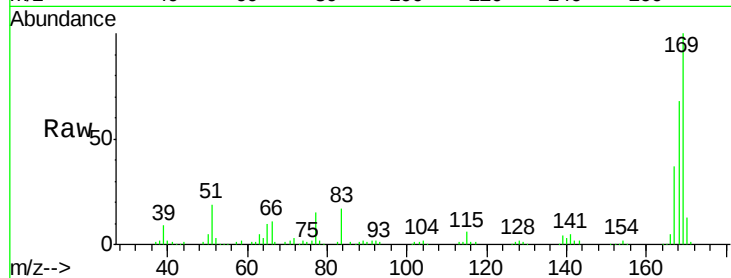




#65
 n-Nitrosodiphenylamine
 Concen: 24.28 ng
 RT: 11.86 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

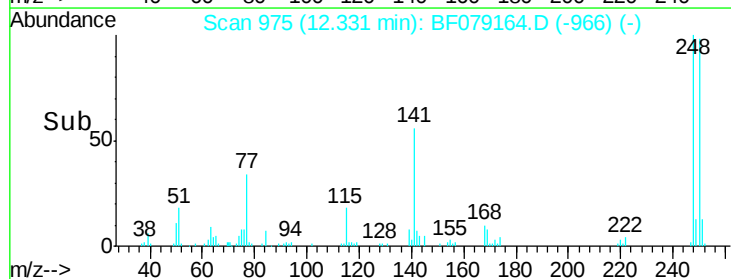
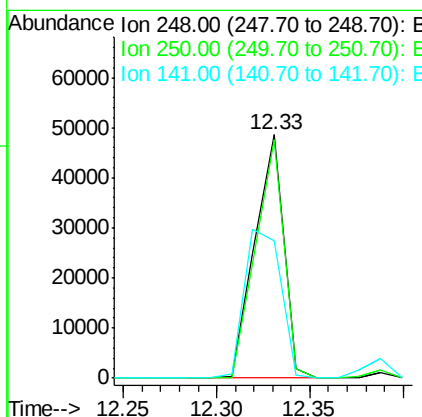
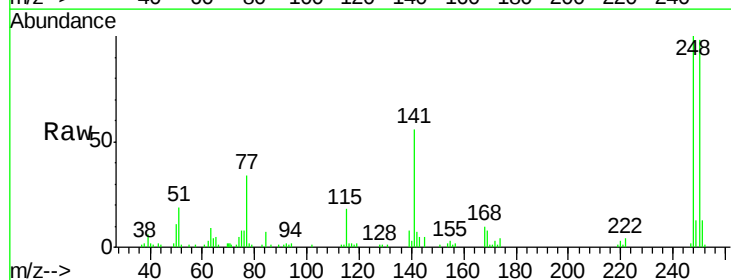
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:169 Resp: 159440
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.6 82.0
 167 36.6 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 25.30 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:248 Resp: 52000
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 56.2 58.8 88.2#

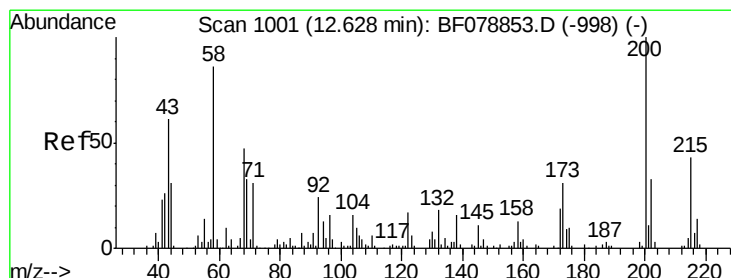
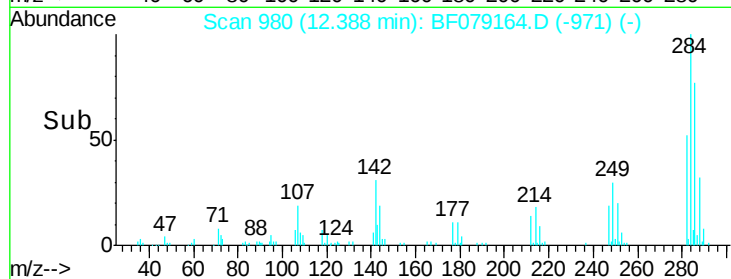
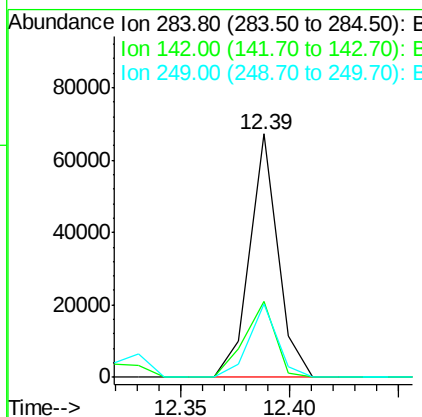
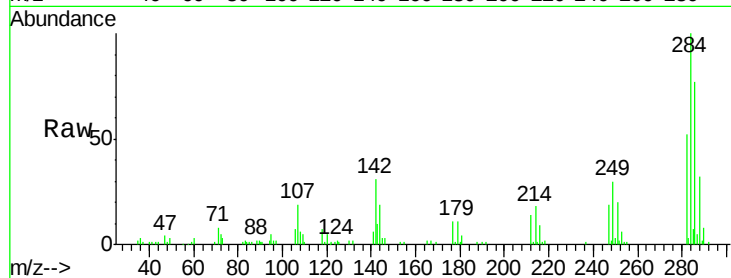




#67
Hexachlorobenzene
Concen: 25.93 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

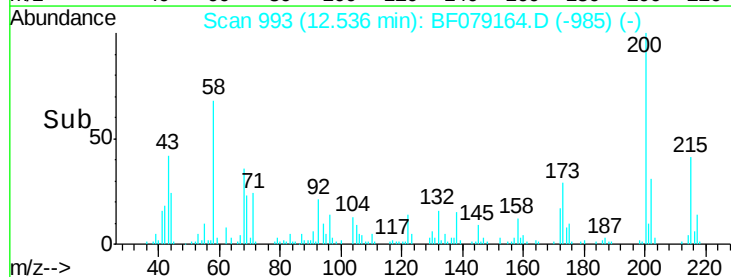
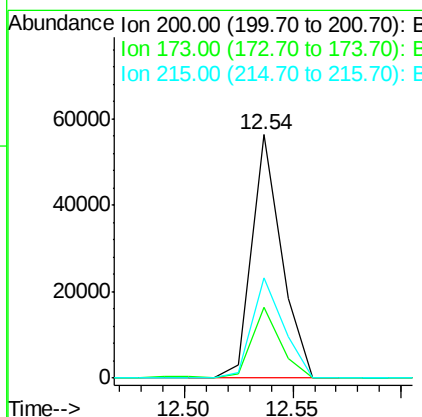
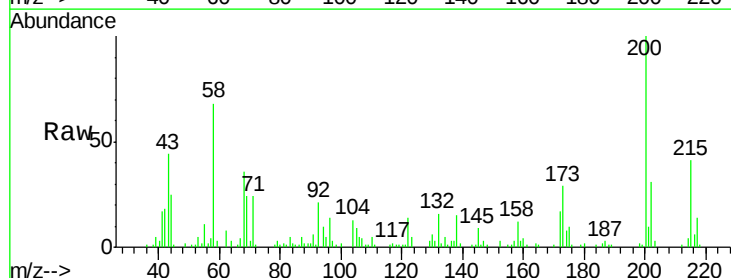
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:284 Resp: 60913
Ion Ratio Lower Upper
284 100
142 31.4 35.2 52.8#
249 30.0 25.4 38.2



#68
Atrazine
Concen: 27.99 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:200 Resp: 53435
Ion Ratio Lower Upper
200 100
173 29.2 8.1 48.1
215 41.1 22.9 62.9

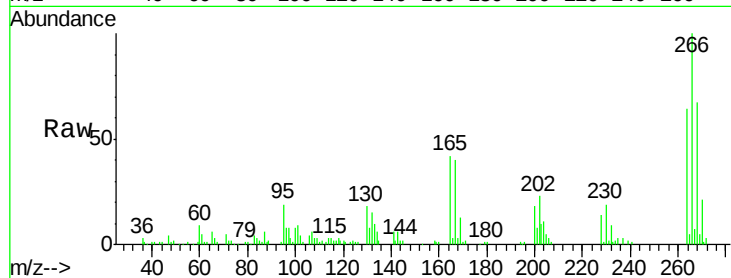




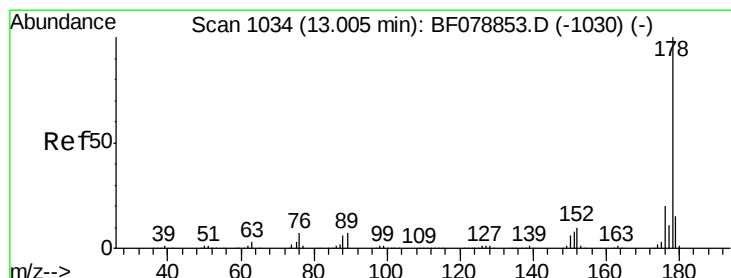
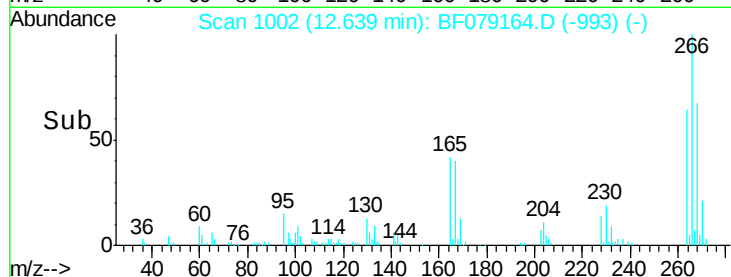
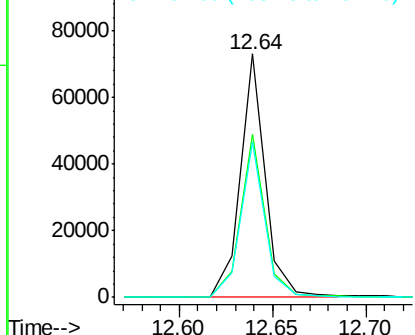
#69
 Pentachlorophenol
 Concen: 52.12 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:266 Resp: 68033
 Ion Ratio Lower Upper
 266 100
 268 67.1 55.0 82.6
 264 63.7 48.2 72.2

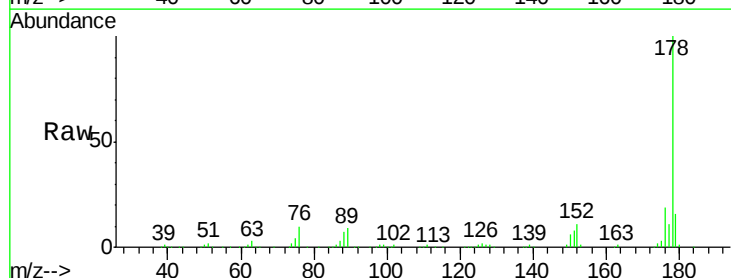


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

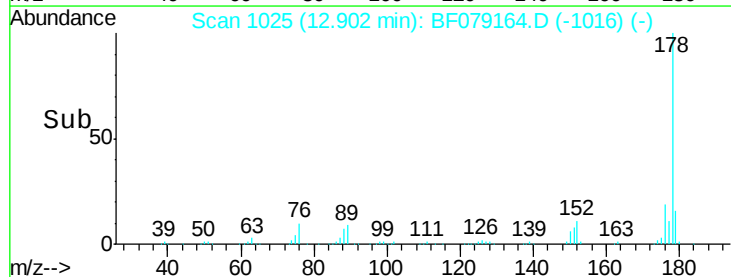
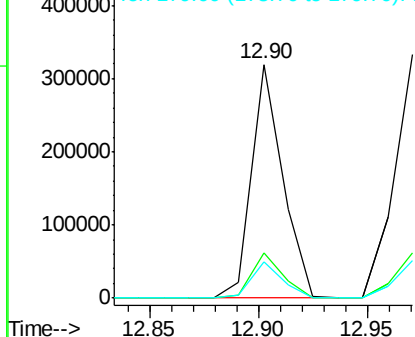


#70
 Phenanthrene
 Concen: 28.88 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:178 Resp: 318574
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 12.5 18.7



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

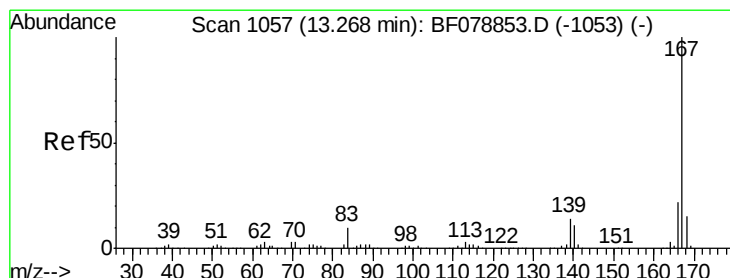
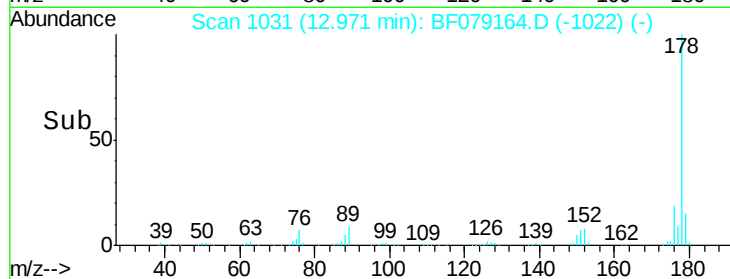
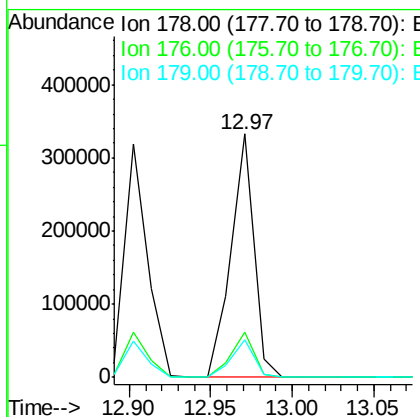
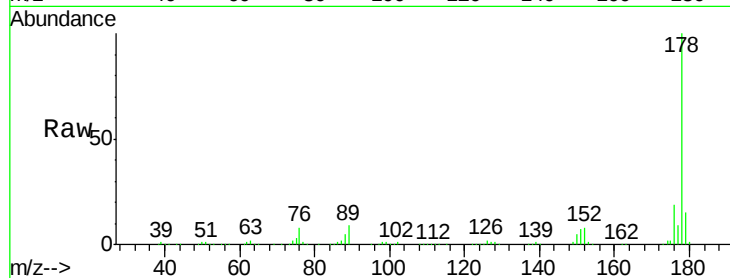




#71
 Anthracene
 Concen: 29.70 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

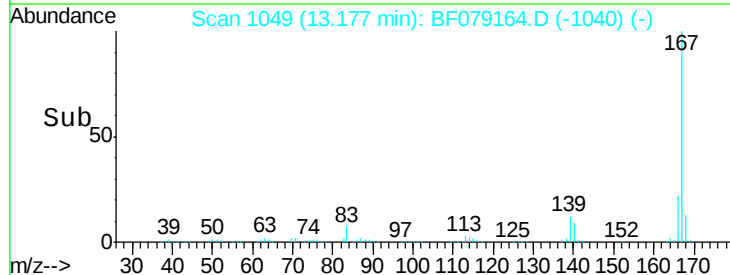
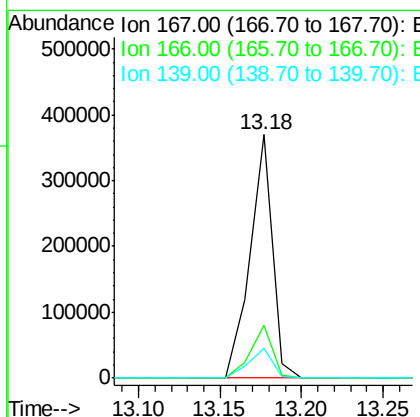
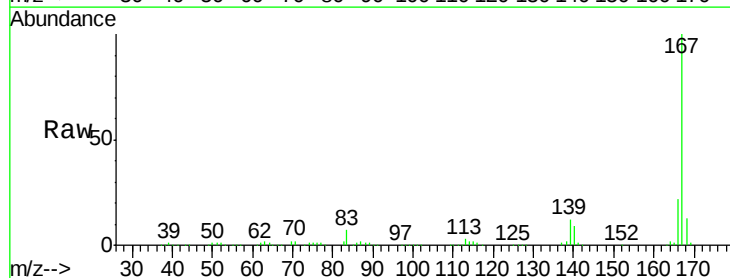
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:178 Resp: 321364
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.5 23.3
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 34.18 ng
 RT: 13.18 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:167 Resp: 352467
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 31.37 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

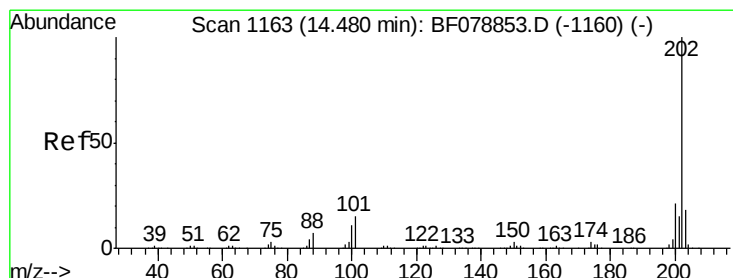
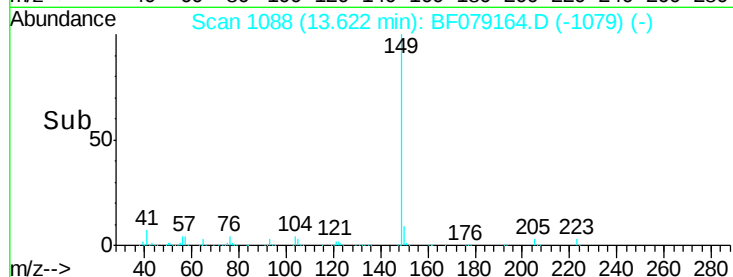
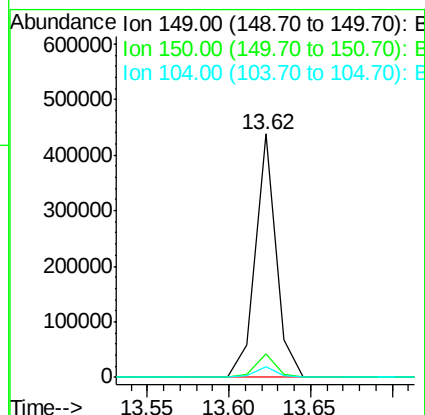
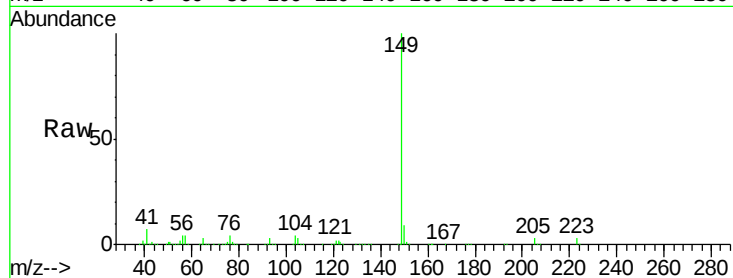
Tot Ion:149 Resp: 388018

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 37.01 ng

RT: 14.39 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

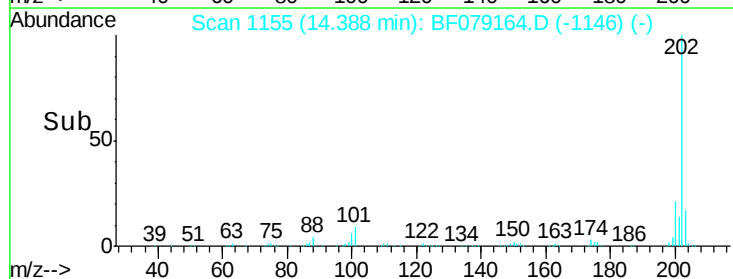
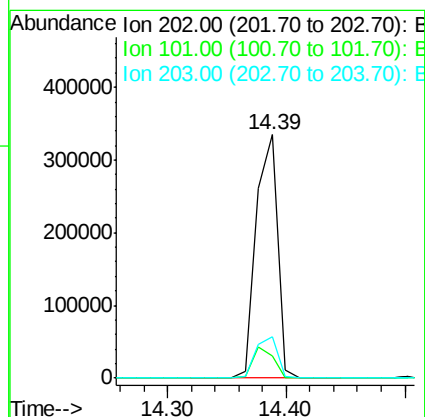
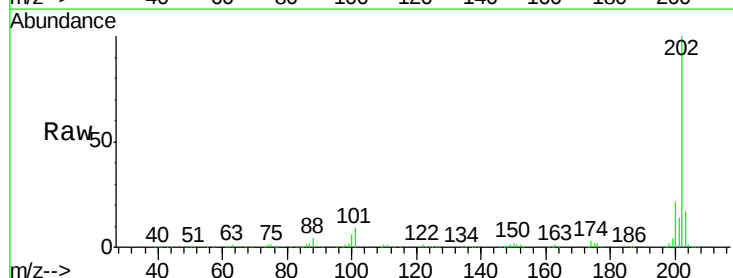
Tgt Ion:202 Resp: 425356

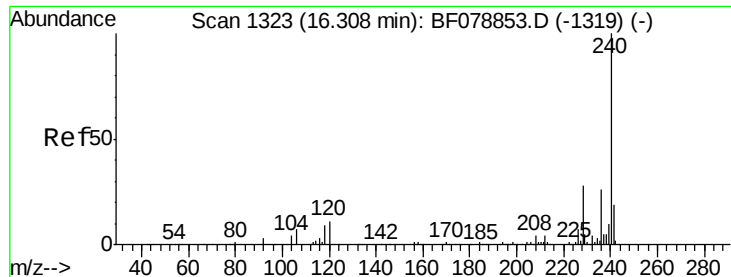
Ion Ratio Lower Upper

202 100

101 8.9 0.0 34.6

203 17.1 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

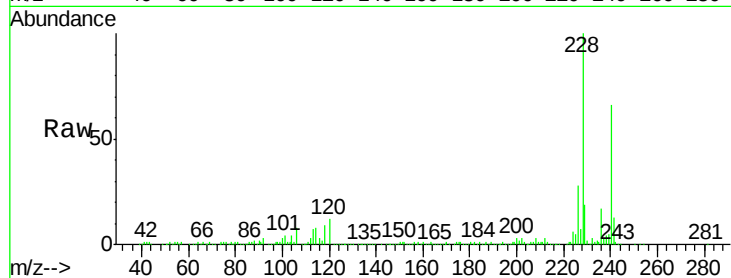
Tot Ion:240 Resp: 211208

Ion Ratio Lower Upper

240 100

120 17.6 9.7 14.5#

236 25.4 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

200000

150000

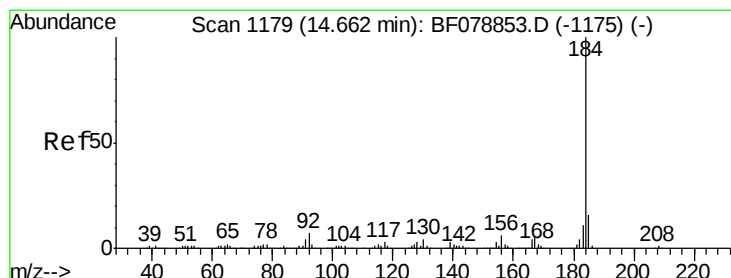
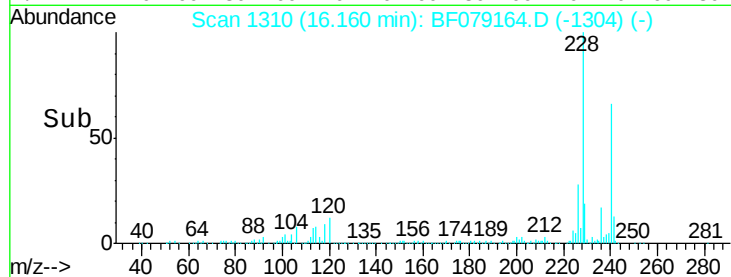
100000

50000

0

16.10 16.16 16.20

Time-->



#76

Benzidine

Concen: 18.92 ng

RT: 14.56 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

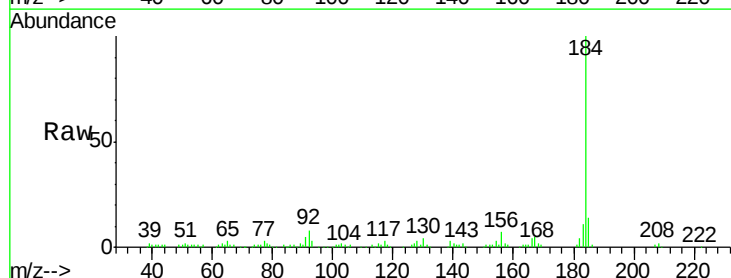
Tgt Ion:184 Resp: 107712

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

183 10.9 8.4 12.6



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

150000

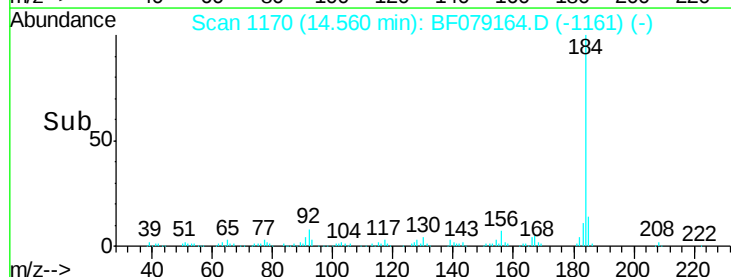
100000

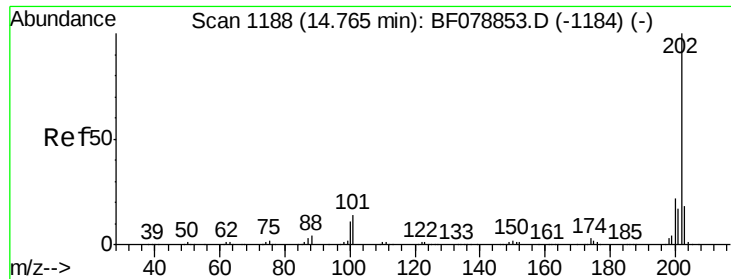
50000

0

14.50 14.56 14.60

Time-->

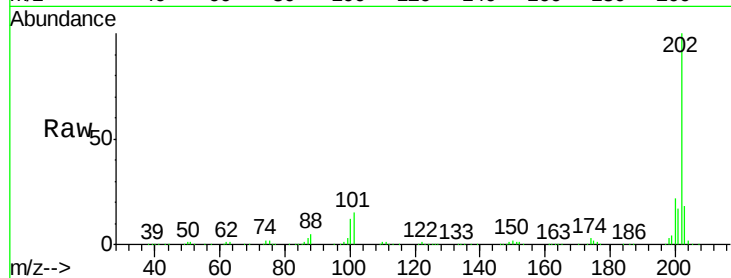




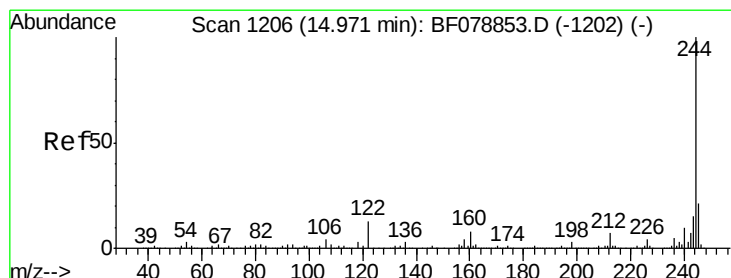
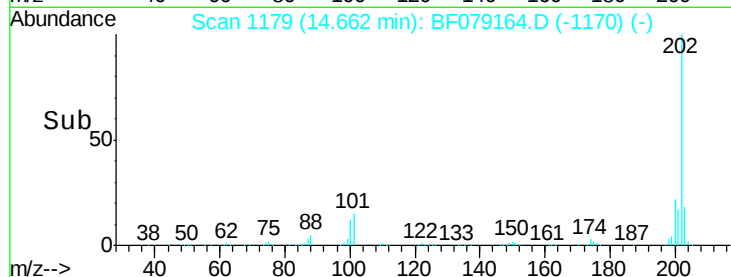
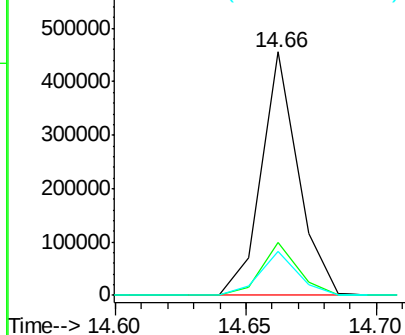
#77
Pvrene
Concen: 36.41 ng
RT: 14.66 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	17.9	13.9	20.9

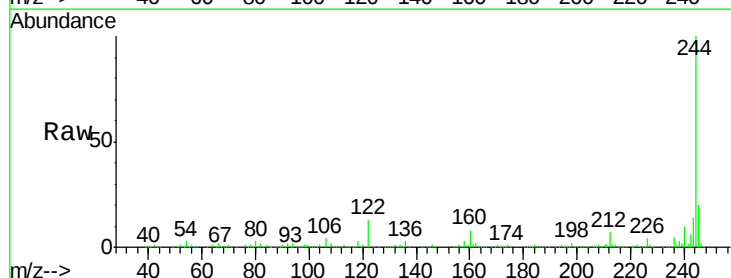


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

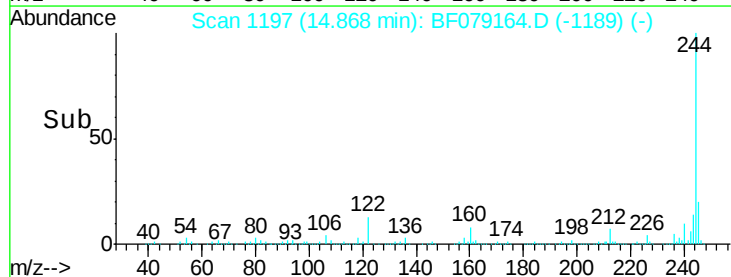
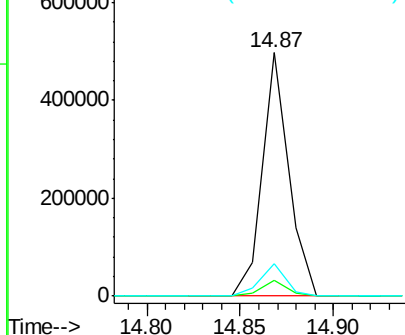


#78
Terphenyl-d14
Concen: 55.11 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	13.1	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

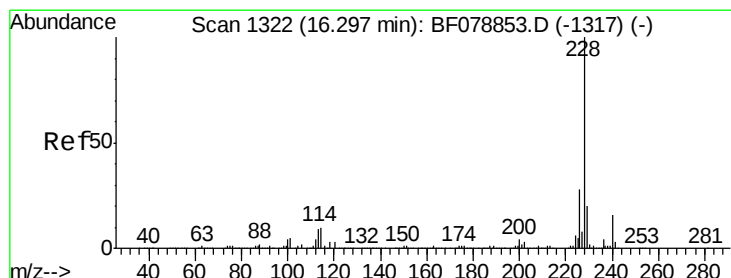
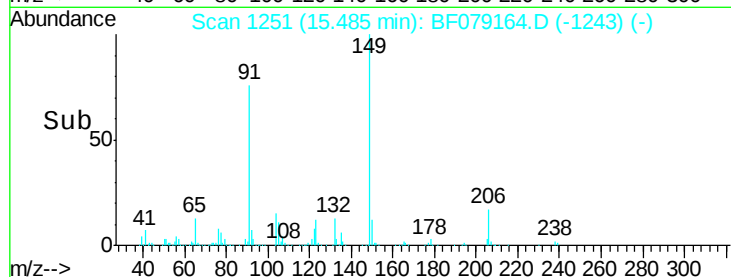
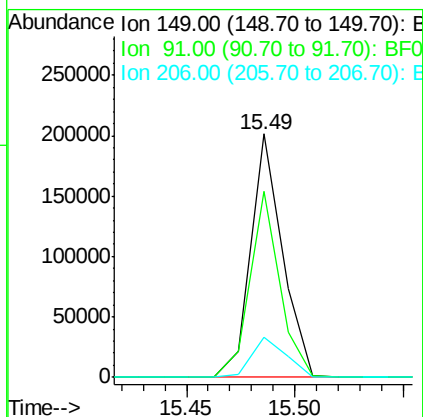
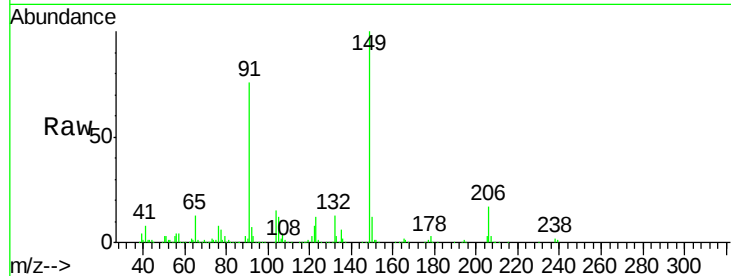




#79
Butylbenzylphthalate
Concen: 38.45 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

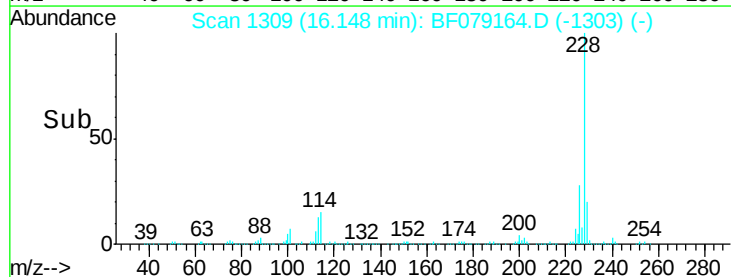
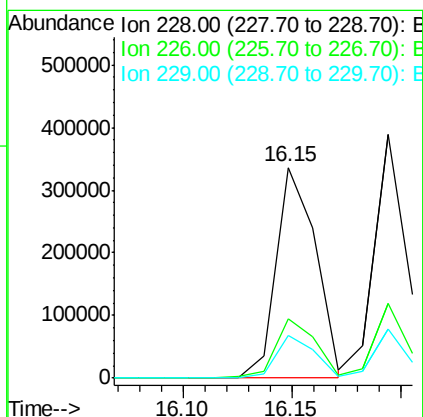
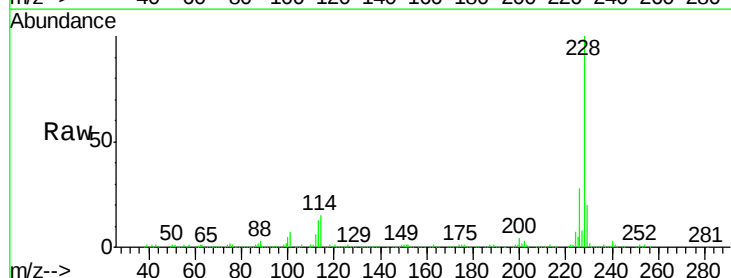
Instrument :
BNA_F
ClientSampleId :
COMP-EMS

Tot Ion:149 Resp: 204584
Ion Ratio Lower Upper
149 100
91 76.4 64.6 97.0
206 16.7 12.2 18.4



#80
Benzo(a)anthracene
Concen: 37.10 ng
RT: 16.15 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF079164.D
Acq: 12 May 2015 18:19

Tgt Ion:228 Resp: 429083
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.1 15.9 23.9

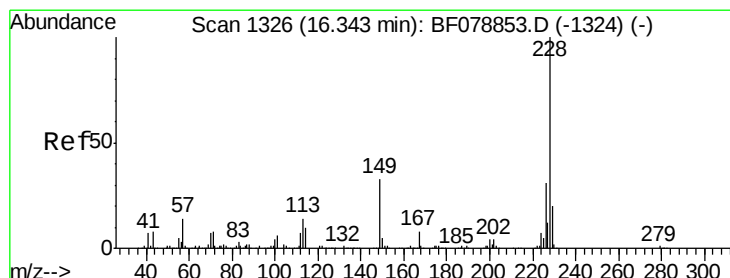
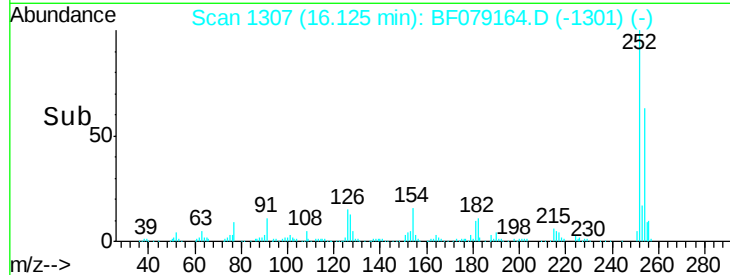
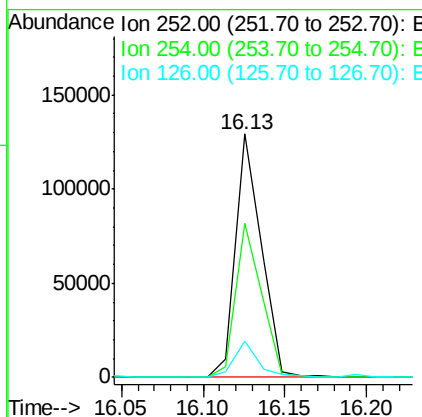
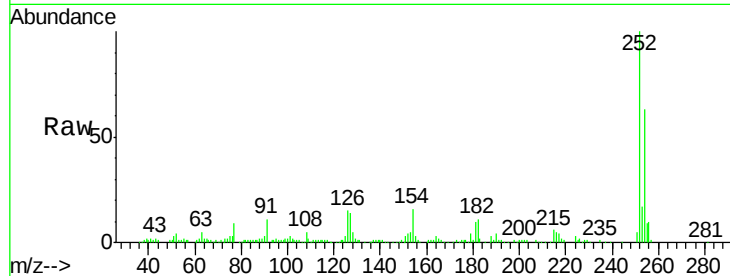




#81
 3,3'-Dichlorobenzidine
 Concen: 34.20 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

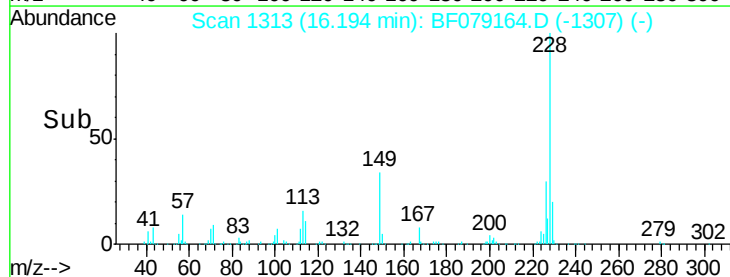
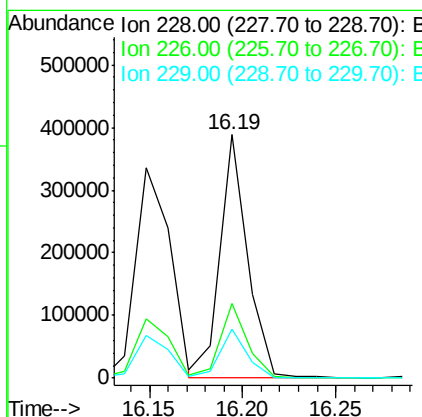
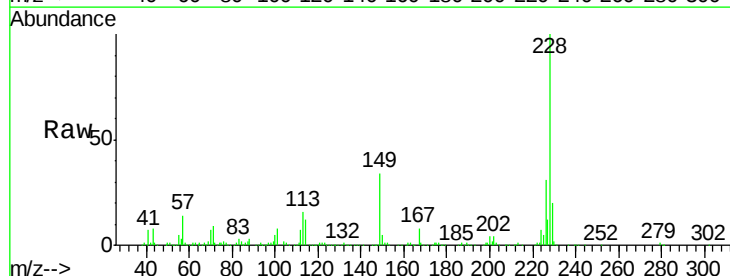
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

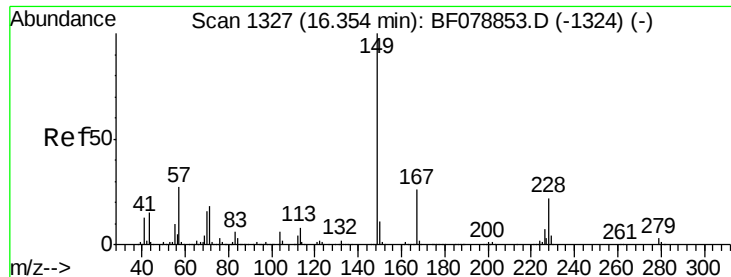
Tot Ion:252 Resp: 140894
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.3 76.9
 126 15.0 6.6 10.0#



#82
 Chrysene
 Concen: 35.72 ng
 RT: 16.19 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:228 Resp: 397375
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.9 16.0 24.0

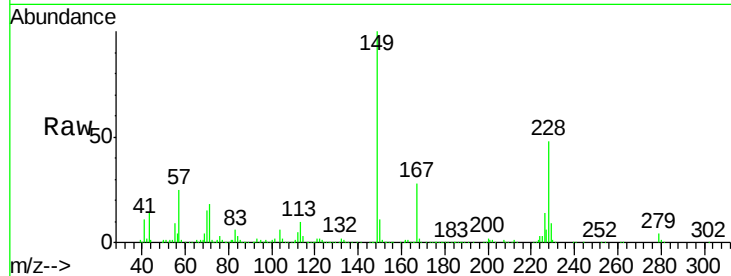




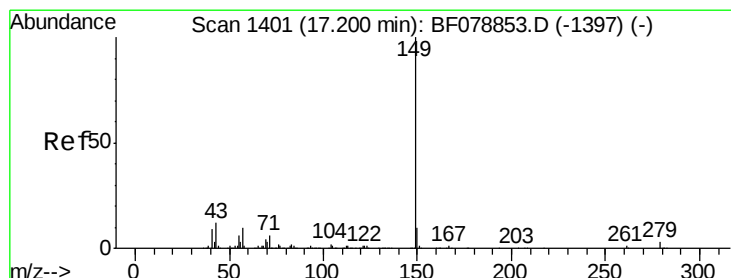
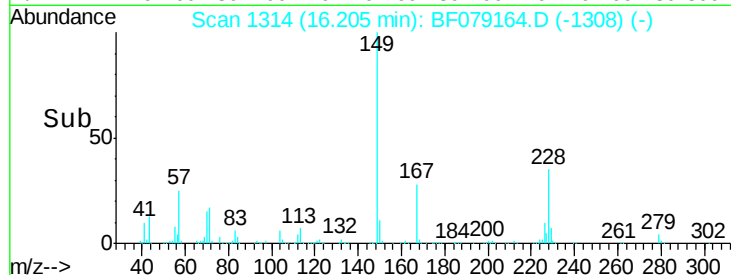
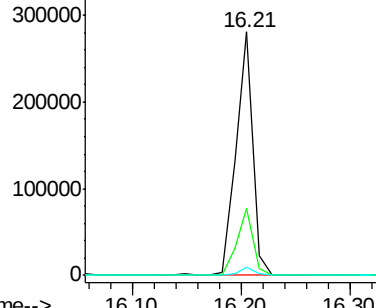
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.36 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion:149 Resp: 301030
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 3.5 2.9 4.3

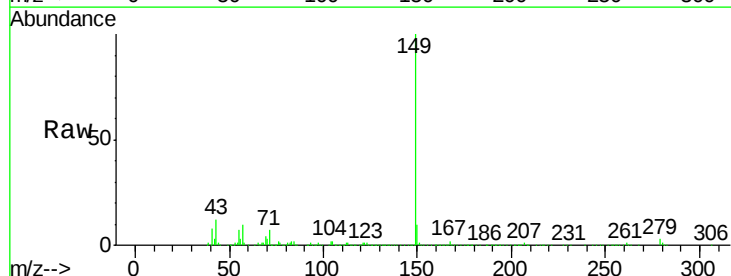


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

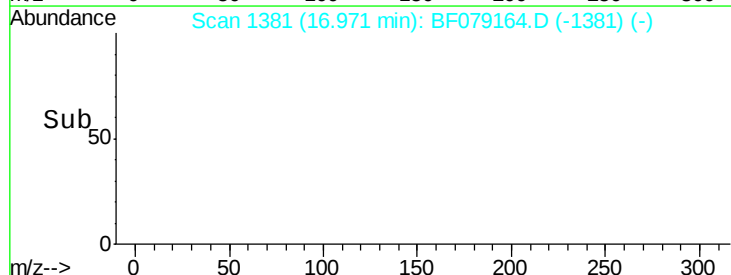
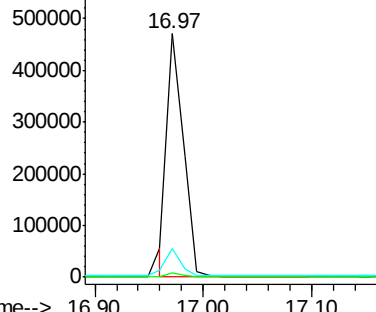


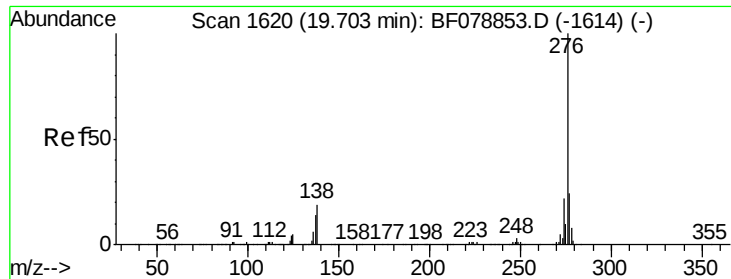
#84
 Di-n-octyl phthalate
 Concen: 34.63 ng
 RT: 16.97 min Scan# 1381
 Delta R.T. -0.10 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion:149 Resp: 491444
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.4 0.0 0.0#



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

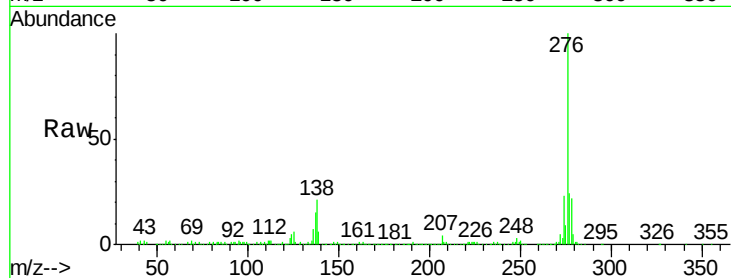




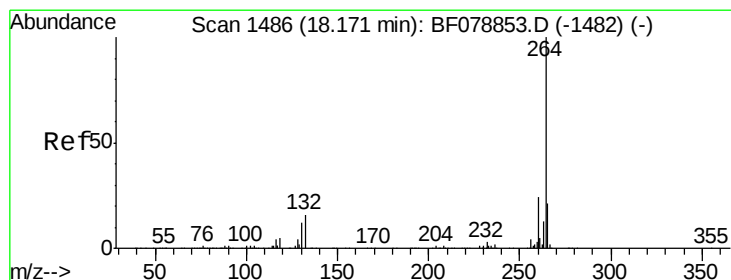
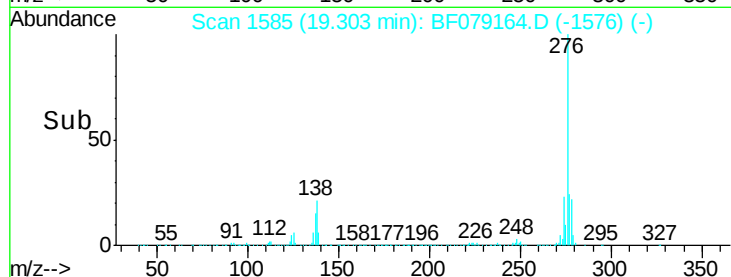
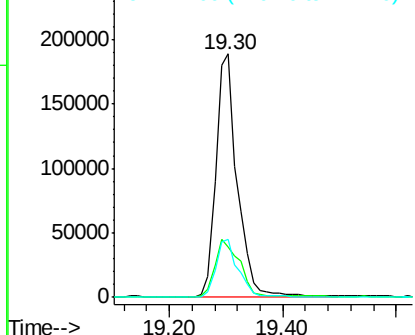
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.47 ng
 RT: 19.30 min Scan# 1585
 Delta R.T. -0.19 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	0.0	0.0#
277	24.6	0.0	0.0#

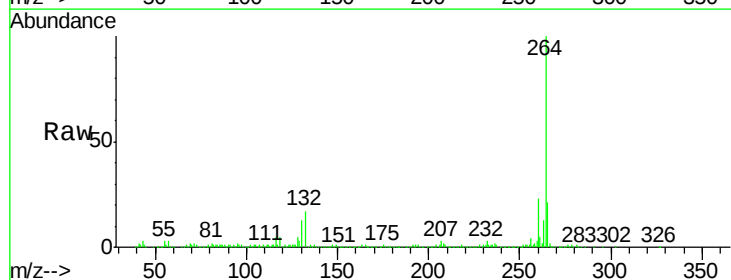


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

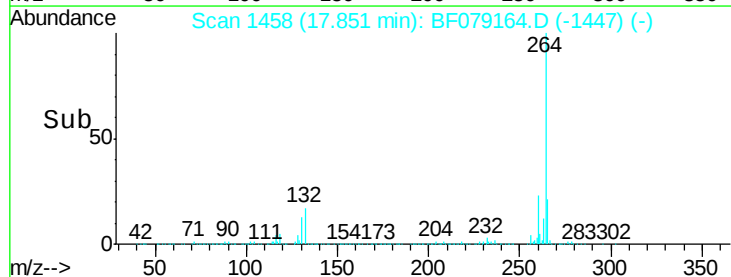
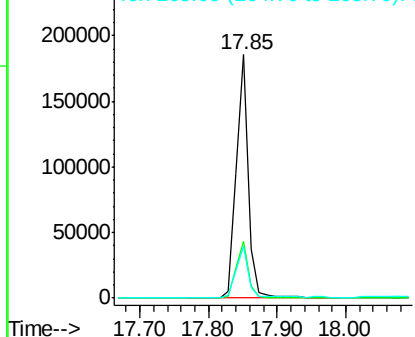


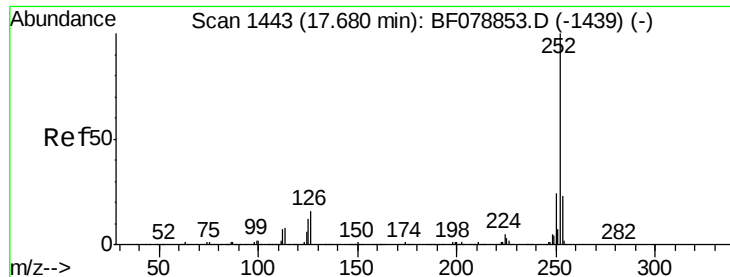
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. -0.17 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.1	18.3	27.5



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: 35.36 ng

RT: 17.42 min Scan# 1420

Delta R.T. -0.13 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

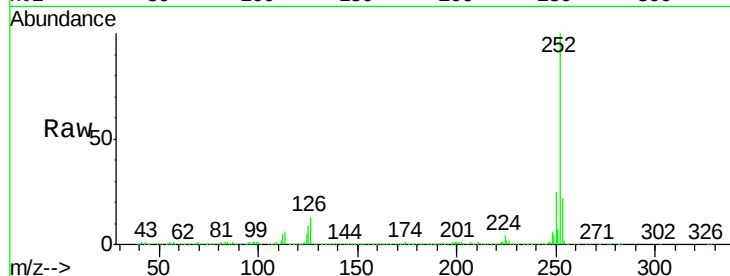
Tot Ion:252 Resp: 448717

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

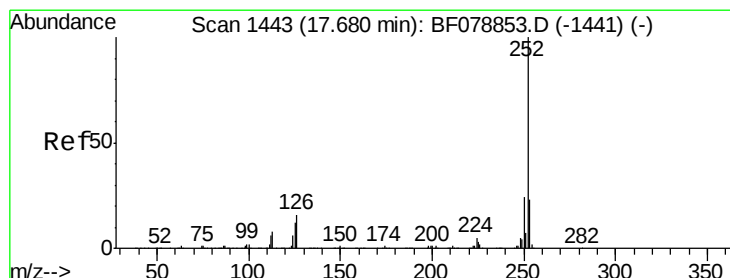
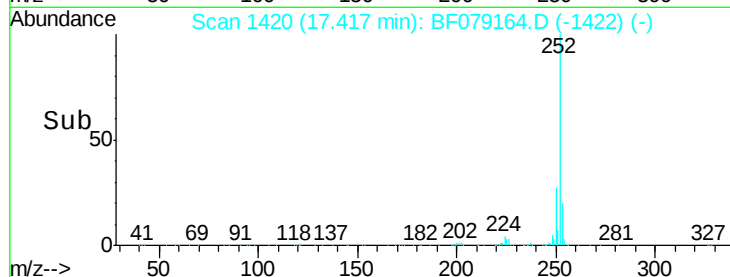
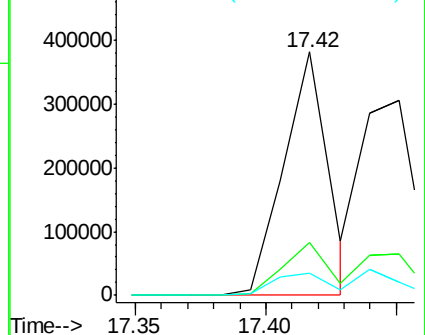
125 9.4 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.62 ng m

RT: 17.45 min Scan# 1423

Delta R.T. -0.13 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

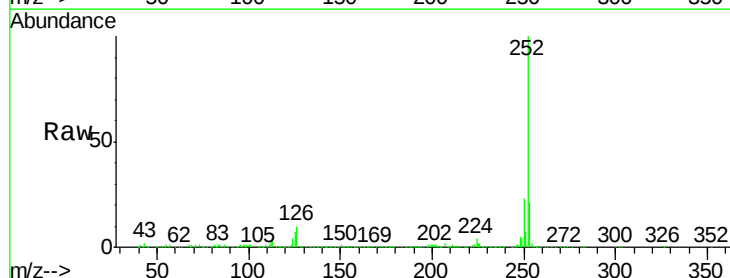
Tgt Ion:252 Resp: 437533

Ion Ratio Lower Upper

252 100

253 21.0 18.1 27.1

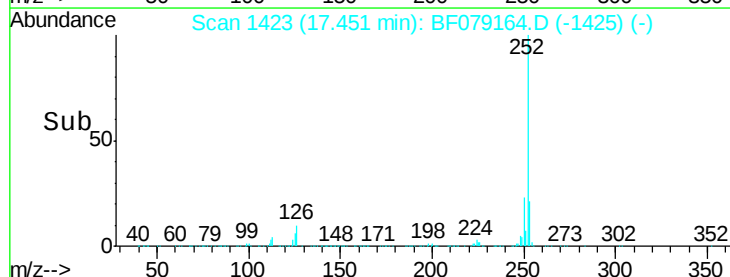
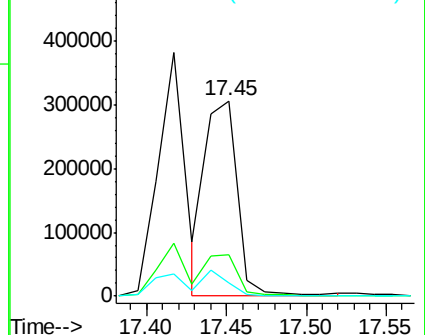
125 6.7 10.0 15.0#

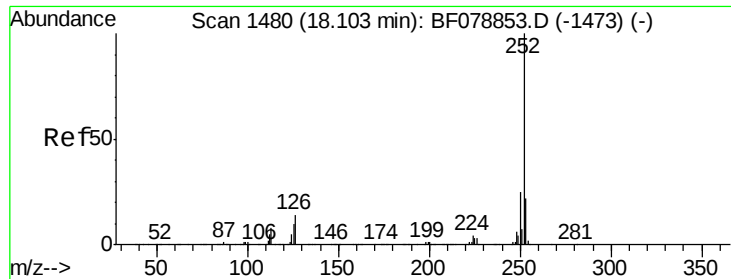


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.30 ng

RT: 17.78 min Scan# 1452

Delta R.T. -0.17 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

Instrument :

BNA_F

ClientSampleId :

COMP-EMS

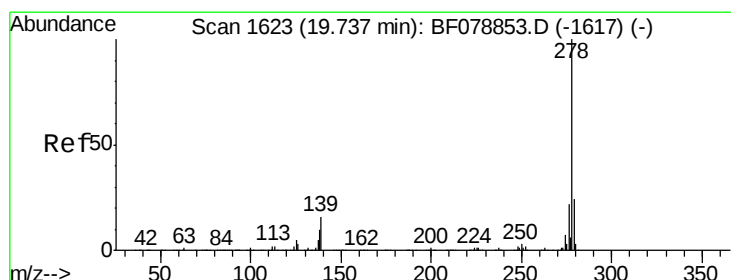
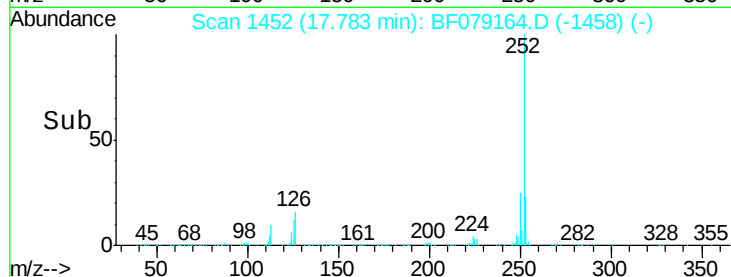
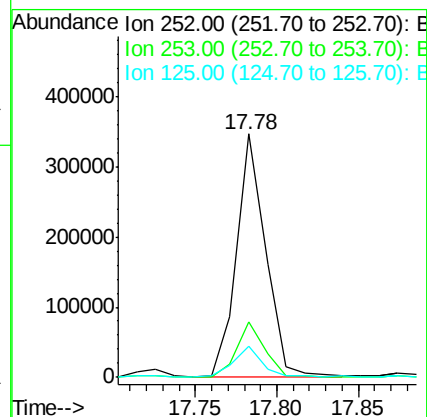
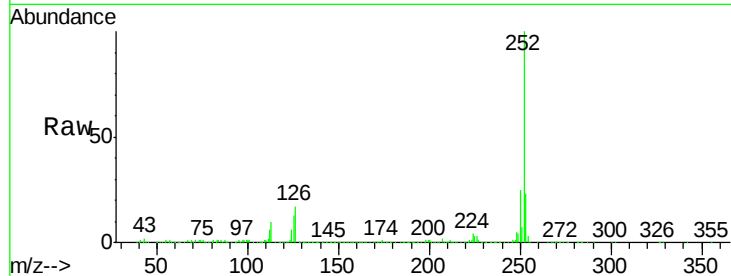
Tot Ion:252 Resp: 424116

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 12.7 7.0 10.6#



#90

Dibenzo(a,h)anthracene

Concen: 30.94 ng

RT: 19.33 min Scan# 1587

Delta R.T. -0.19 min

Lab File: BF079164.D

Acq: 12 May 2015 18:19

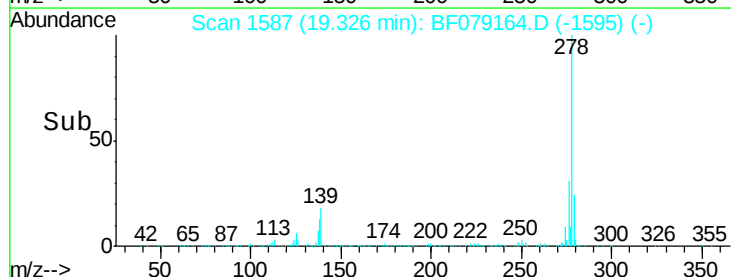
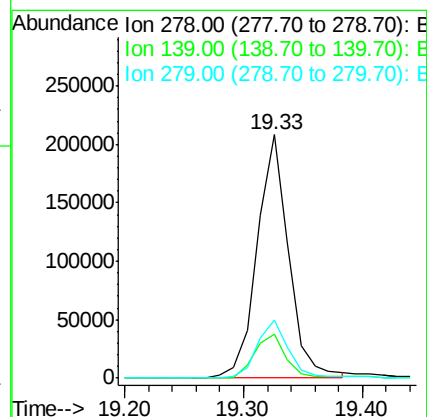
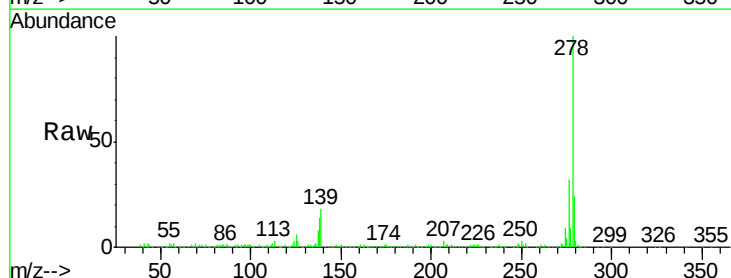
Tgt Ion:278 Resp: 384202

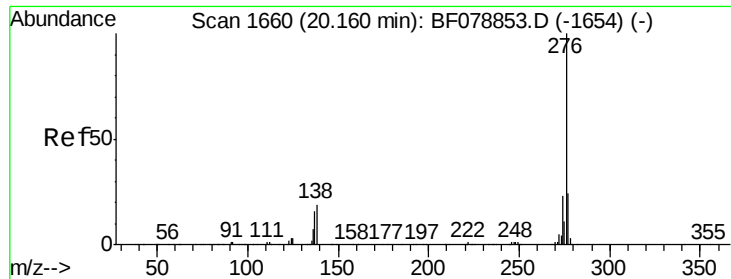
Ion Ratio Lower Upper

278 100

139 18.2 12.8 19.2

279 23.8 19.6 29.4

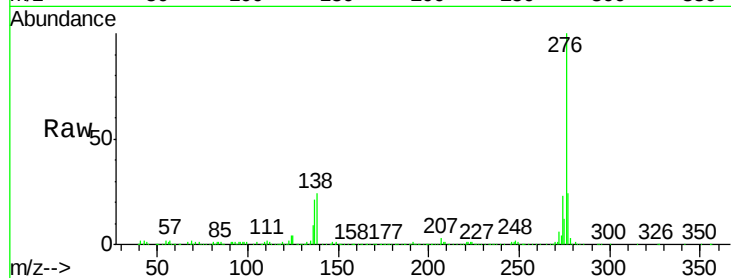




#91
 Benzo(a,h,i)perylene
 Concen: 32.34 ng
 RT: 19.73 min Scan# 1622
 Delta R.T. -0.21 min
 Lab File: BF079164.D
 Acq: 12 May 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	23.9	17.4	26.0



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

