

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079271.D
 Acq On : 15 May 2015 15:52
 Operator : TP/IZ
 Sample : G2231-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Quant Time: May 15 23:16:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	65710	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269510	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	130025	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	238225	20.00	ng	0.00
75) Chrysene-d12	16.07	240	237424	20.00	ng	-0.02
86) Perylene-d12	17.87	264	231709	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.75	99	629836	124.82	ng	0.00
23) Nitrobenzene-d5	7.87	82	391784	83.55	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	205650	146.20	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	793328	85.00	ng	0.00
78) Terphenyl-d14	14.77	244	872778	88.01	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.78	93	26813	3.76	ng	# 1
8) 2-Chlorophenol	6.91	128	193450	44.68	ng	89
9) Benzaldehyde	6.63	77	66494	19.56	ng	98
10) Phenol	6.76	94	231376	39.53	ng	87
11) bis(2-Chloroethyl)ether	6.87	93	179752	41.89	ng	88
12) 1,3-Dichlorobenzene	7.10	146	192474	39.55	ng	# 90
13) 1,4-Dichlorobenzene	7.20	146	203616	40.66	ng	99
14) 1,2-Dichlorobenzene	7.38	146	195467	41.93	ng	99
15) Benzyl Alcohol	7.37	79	163631	43.68	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.54	45	270851	41.26	ng	97
17) 2-Methylphenol	7.52	107	153789	44.14	ng	97
18) Hexachloroethane	7.79	117	69579	40.34	ng	# 84
19) n-Nitroso-di-n-propylamine	7.70	70	148061	43.44	ng	95
20) 3+4-Methylphenols	7.70	107	207755	44.75	ng	# 51
22) Acetophenone	7.69	105	311187	51.11	ng	# 86
24) Nitrobenzene	7.90	77	223992	48.19	ng	# 87
25) Isophorone	8.19	82	372782	42.88	ng	93
26) 2-Nitrophenol	8.28	139	93664	48.68	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	175837	45.67	ng	94
28) bis(2-Chloroethoxy)methane	8.48	93	248870	46.44	ng	99
29) 2,4-Dichlorophenol	8.59	162	168709	49.28	ng	86
30) 1,2,4-Trichlorobenzene	8.68	180	157846	41.97	ng	98
31) Naphthalene	8.78	128	546794	42.58	ng	99
32) Benzoic acid	8.50	122	163285	65.12	ng	98
33) 4-Chloroaniline	8.86	127	24653	4.54	ng	# 92
34) Hexachlorobutadiene	8.94	225	91463	42.23	ng	98
35) Caprolactam	9.31	113	45889	41.45	ng	# 84
36) 4-Chloro-3-methylphenol	9.47	107	179115	49.81	ng	98
37) 2-Methylnaphthalene	9.64	142	395665	44.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	160168	43.74	ng	98
40) Hexachlorocyclopentadiene	9.83	237	146871	79.76	ng	93
42) 2,4,6-Trichlorophenol	10.00	196	114059	45.31	ng	99
43) 2,4,5-Trichlorophenol	10.04	196	121844	47.87	ng	96
45) 1,1'-Biphenyl	10.23	154	470169	45.49	ng	100

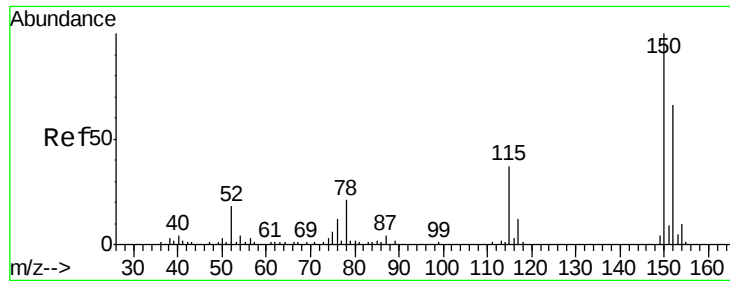
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.24	162	356830	44.26	ng	97
47) 2-Nitroaniline	10.38	65	102310	43.79	ng	# 71
48) Acenaphthylene	10.75	152	599268	45.27	ng	99
49) Dimethylphthalate	10.62	163	448445	46.99	ng	99
50) 2,6-Dinitrotoluene	10.69	165	88377	46.93	ng	# 62
51) Acenaphthene	10.97	154	352748	44.68	ng	100
52) 3-Nitroaniline	10.88	138	14323	6.09	ng	# 88
53) 2,4-Dinitrophenol	11.03	184	84116	93.78	ng	# 55
54) Dibenzofuran	11.19	168	532030	46.66	ng	95
55) 4-Nitrophenol	11.11	139	150990	81.09	ng	90
56) 2,4-Dinitrotoluene	11.19	165	118003	47.40	ng	94
57) Fluorene	11.61	166	430451	45.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	98940	47.57	ng	99
59) Diethylphthalate	11.49	149	432279	45.72	ng	98
60) 4-Chlorophenyl-phenylether	11.62	204	187848	45.24	ng	# 85
61) 4-Nitroaniline	11.65	138	90381	38.40	ng	90
62) Azobenzene	11.82	77	427073	45.84	ng	91
64) 4,6-Dinitro-2-methylphenol	11.68	198	54607	52.80	ng	# 30
65) n-Nitrosodiphenylamine	11.77	169	367053	46.27	ng	99
66) 4-Bromophenyl-phenylether	12.22	248	120753	48.63	ng	92
67) Hexachlorobenzene	12.29	284	134713	47.47	ng	# 68
68) Atrazine	12.45	200	114995	49.84	ng	96
69) Pentachlorophenol	12.54	266	146799	87.69	ng	99
70) Phenanthrene	12.80	178	618885	46.44	ng	100
71) Anthracene	12.86	178	611970	46.81	ng	99
72) Carbazole	13.06	167	580833	46.61	ng	99
73) Di-n-butylphthalate	13.52	149	717024	47.98	ng	98
74) Fluoranthene	14.27	202	665952	47.95	ng	94
76) Benzidine	14.46	184	83738	13.09	ng	97
77) Pyrene	14.55	202	653678	47.78	ng	99
79) Butylbenzylphthalate	15.38	149	350515	58.61	ng	98
80) Benzo(a)anthracene	16.06	228	592435	45.57	ng	99
81) 3,3'-Dichlorobenzidine	16.03	252	159272	34.39	ng	# 96
82) Chrysene	16.10	228	513451	41.06	ng	100
83) Bis(2-ethylhexyl)phthalate	16.13	149	536433	59.22	ng	98
84) Di-n-octyl phthalate	16.95	149	784103	49.15	ng	98
85) Indeno(1,2,3-cd)pyrene	19.29	276	705903	44.30	ng	99
87) Benzo(b)fluoranthene	17.41	252	647460	51.05	ng	99
88) Benzo(k)fluoranthene	17.44	252	552383	44.99	ng	# 96
89) Benzo(a)pyrene	17.81	252	582881	49.91	ng	# 97
90) Dibenzo(a,h)anthracene	19.31	278	568541	45.81	ng	98
91) Benzo(g,h,i)perylene	19.70	276	588542	47.31	ng	96

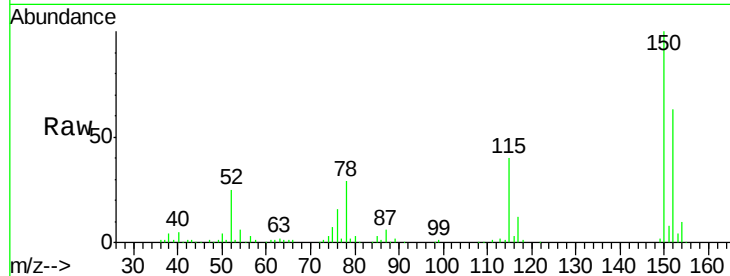
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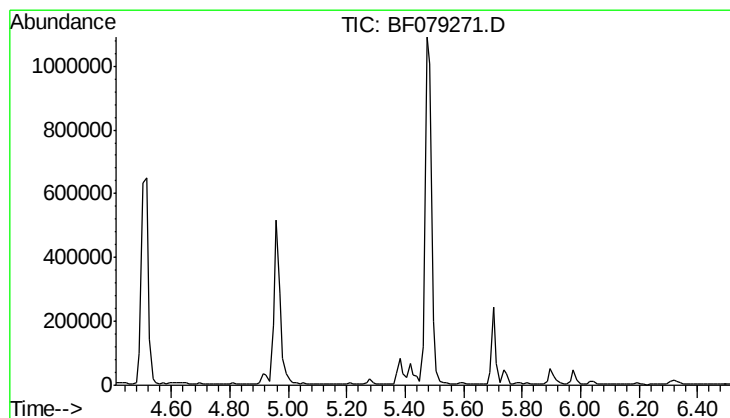
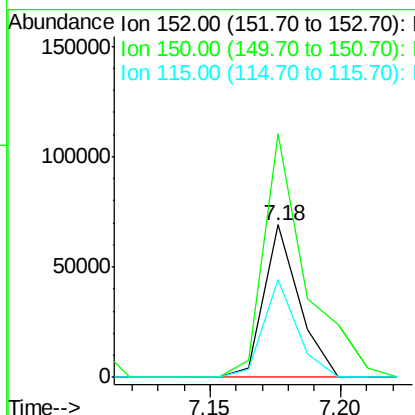
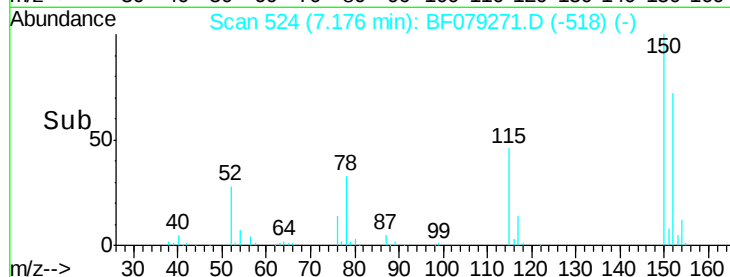
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion: 152 Resp: 65710
 Ion Ratio Lower Upper
 152 100
 150 159.6 123.8 185.8
 115 64.1 49.4 74.0

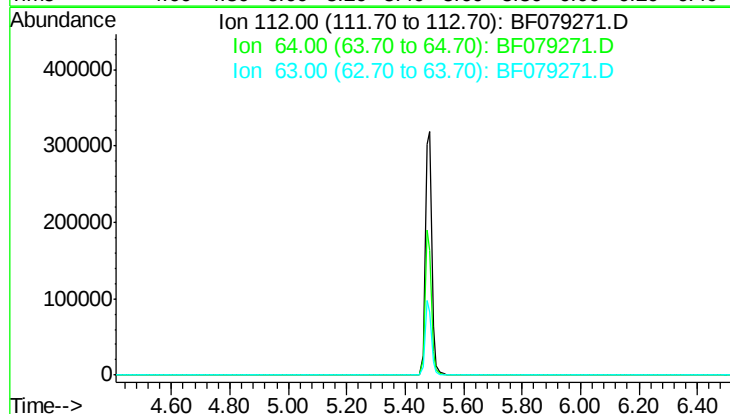


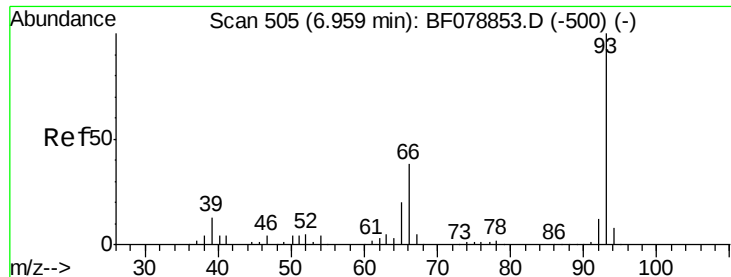
Abundance Ion 152.00 (151.70 to 152.70): E
 150000 Ion 150.00 (149.70 to 150.70): E
 100000 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#6

Aniline

Concen: 3.76 ng

RT: 6.78 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

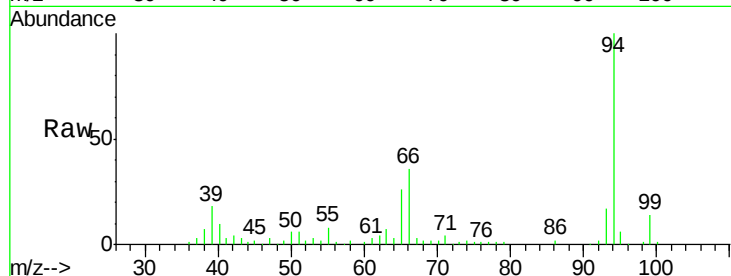
Tgt Ion: 93 Resp: 26813

Ion Ratio Lower Upper

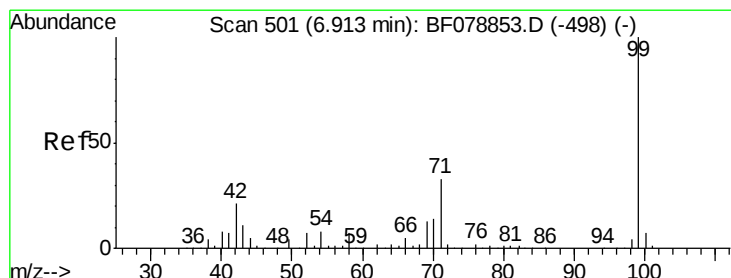
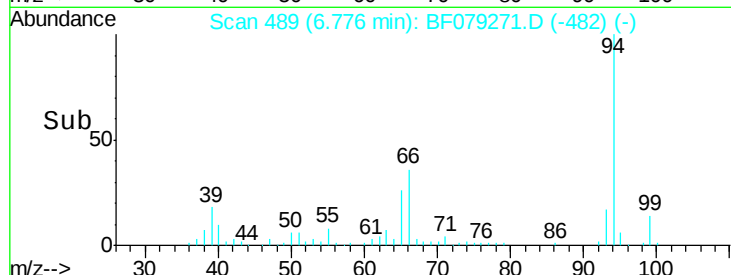
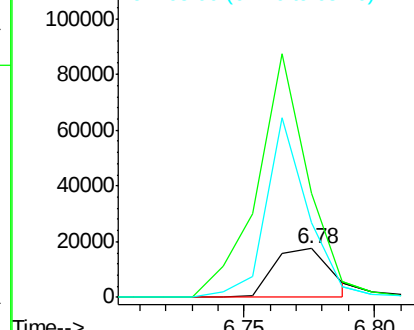
93 100

66 215.3 30.7 46.1#

65 153.8 15.8 23.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 124.82 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

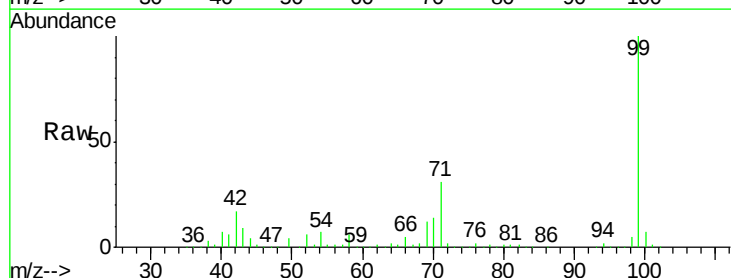
Tgt Ion: 99 Resp: 629836

Ion Ratio Lower Upper

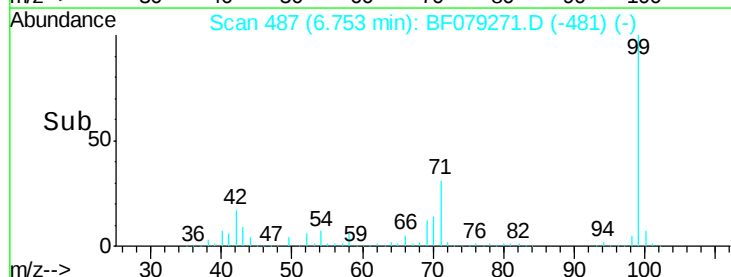
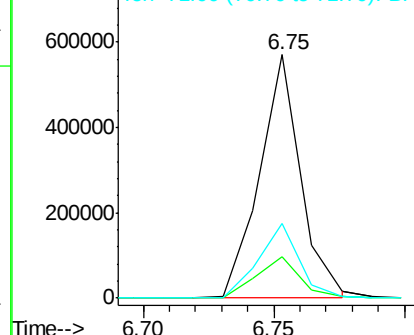
99 100

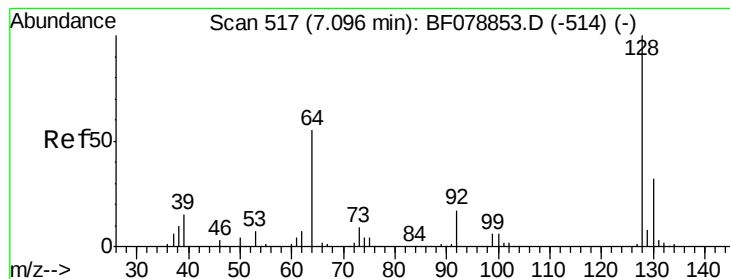
42 17.1 17.1 25.7#

71 30.8 26.3 39.5



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: 44.68 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

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LAR9797-AMS

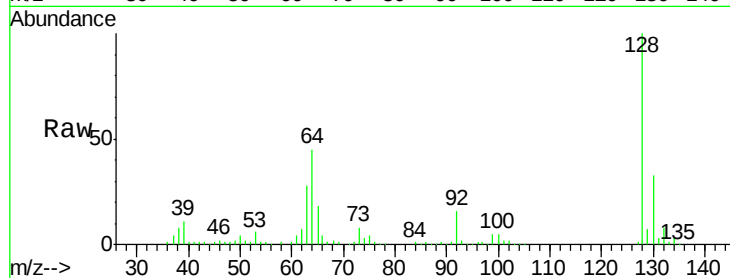
Tgt Ion: 128 Resp: 193450

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

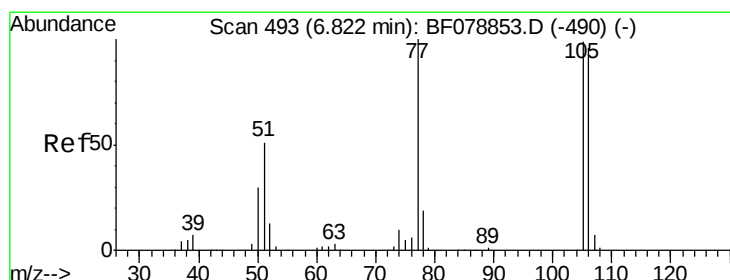
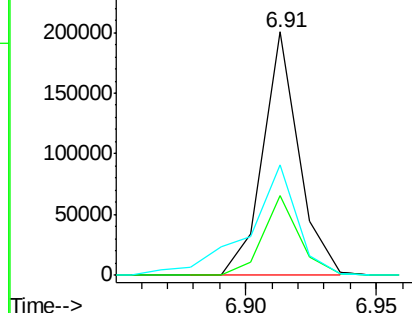
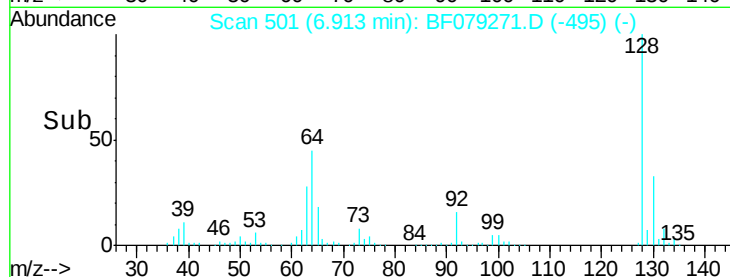
64 45.5 37.8 77.8



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: 19.56 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

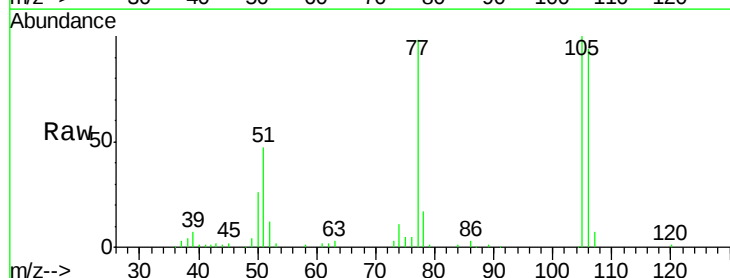
Tgt Ion: 77 Resp: 66494

Ion Ratio Lower Upper

77 100

105 101.7 78.9 118.9

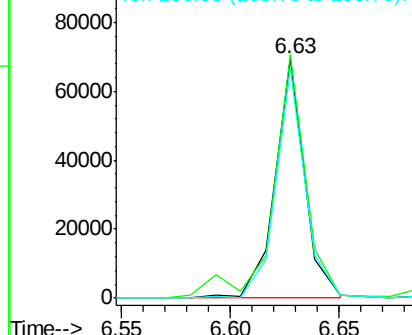
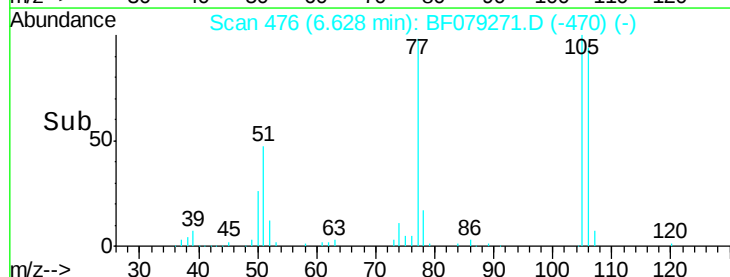
106 96.1 75.8 115.8

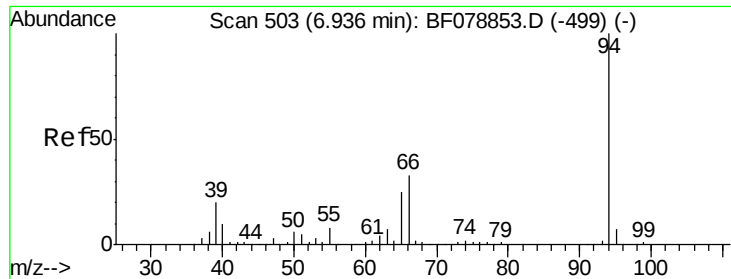


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.53 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

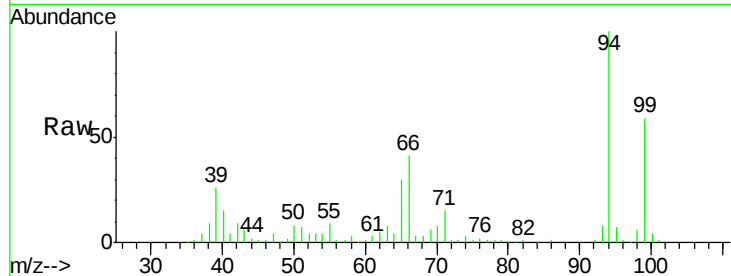
Tgt Ion: 94 Resp: 231376

Ion Ratio Lower Upper

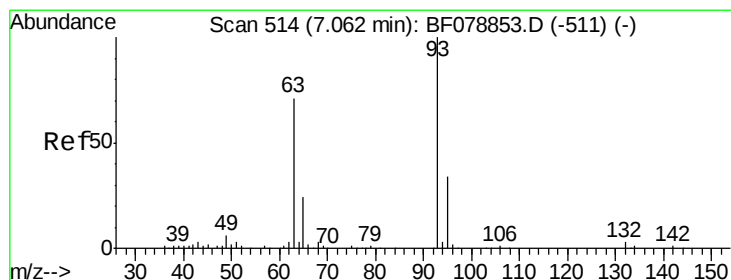
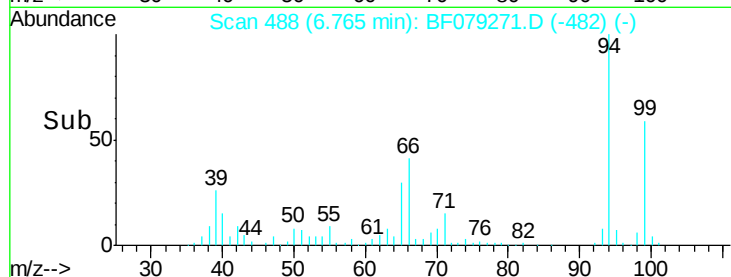
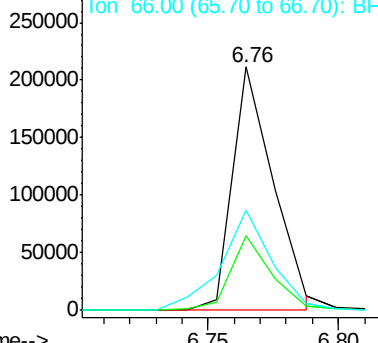
94 100

65 30.5 5.1 45.1

66 41.3 13.1 53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 41.89 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

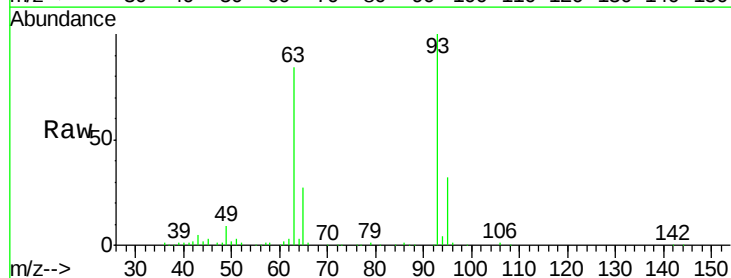
Tgt Ion: 93 Resp: 179752

Ion Ratio Lower Upper

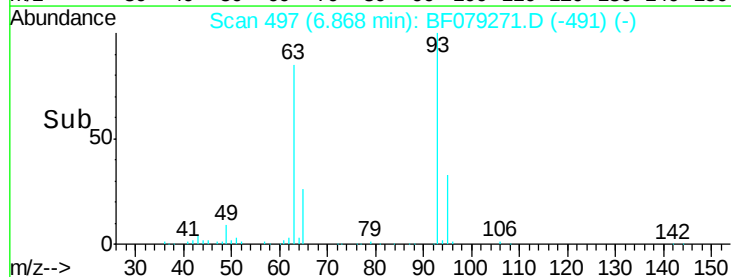
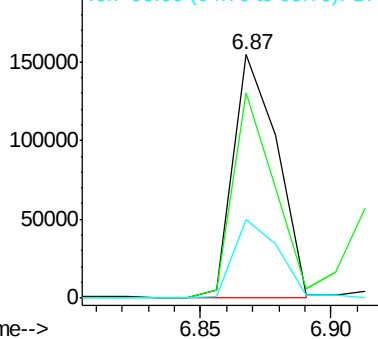
93 100

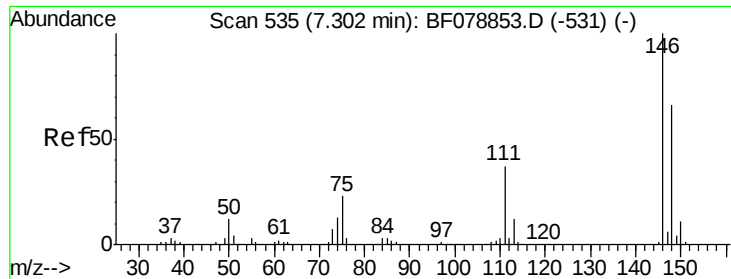
63 84.4 50.8 90.8

95 32.1 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

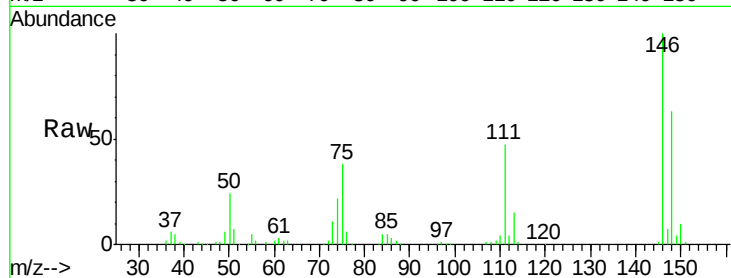




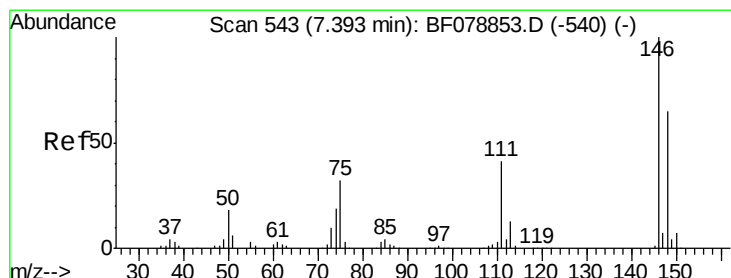
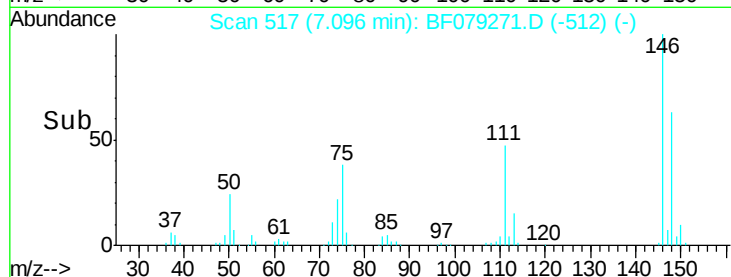
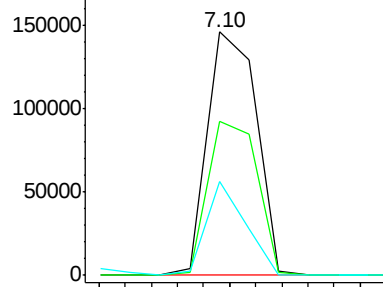
#12
 1,3-Dichlorobenzene
 Concen: 39.55 ng
 RT: 7.10 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion:146 Resp: 192474
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.4 78.6
 75 38.5 18.6 27.8#

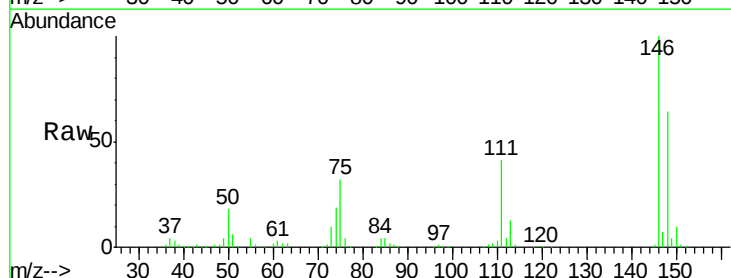


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

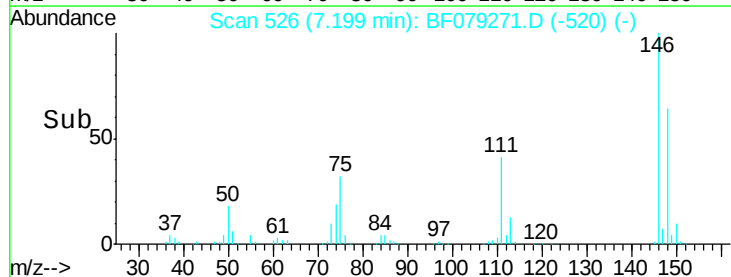
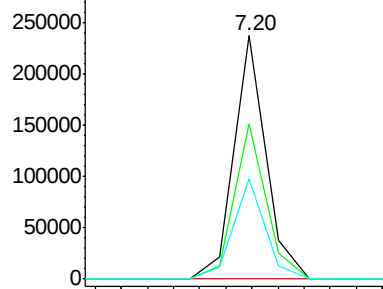


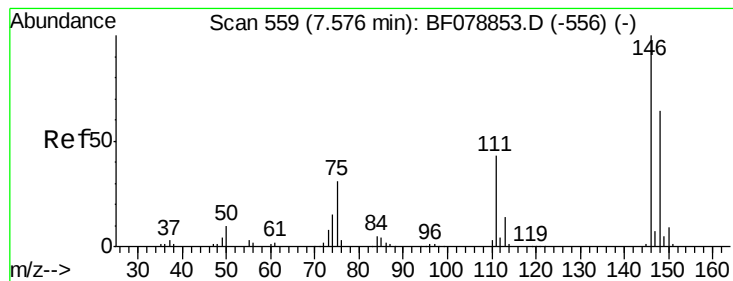
#13
 1,4-Dichlorobenzene
 Concen: 40.66 ng
 RT: 7.20 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:146 Resp: 203616
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.7 77.5
 111 41.4 32.8 49.2



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





#14

1,2-Dichlorobenzene

Concen: 41.93 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

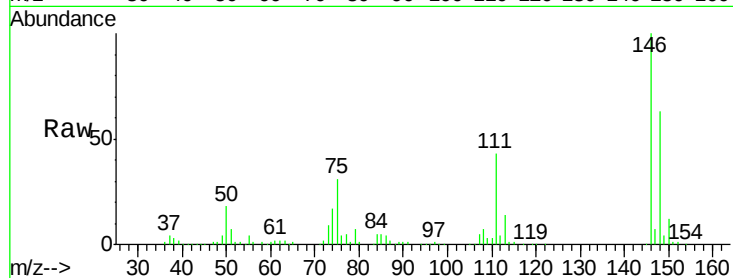
Tgt Ion:146 Resp: 195467

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

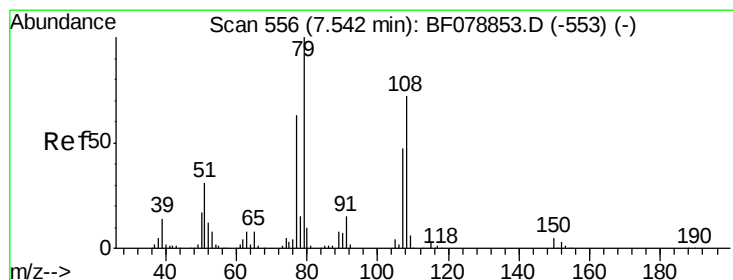
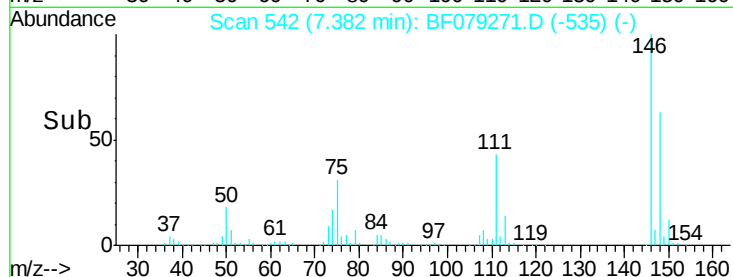
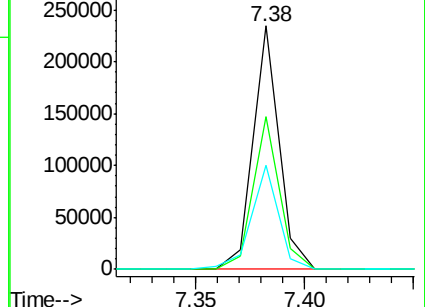
111 42.7 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 43.68 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

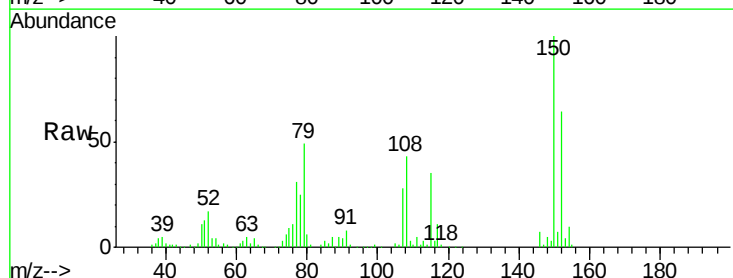
Tgt Ion: 79 Resp: 163631

Ion Ratio Lower Upper

79 100

108 87.1 57.4 86.2#

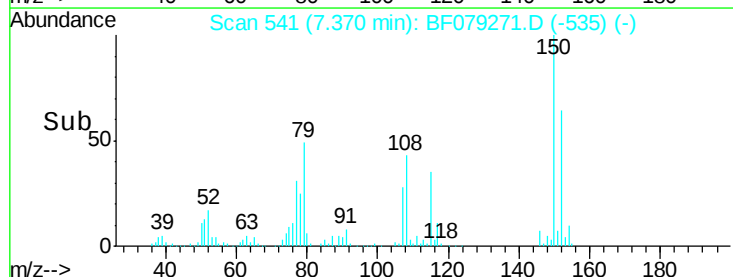
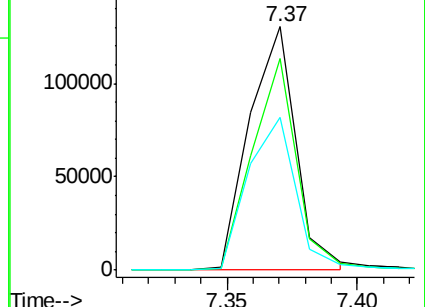
77 62.7 50.2 75.4

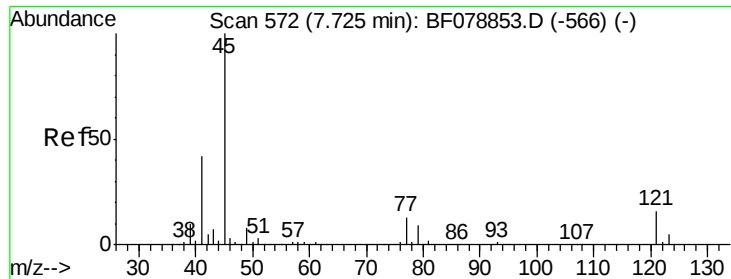


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

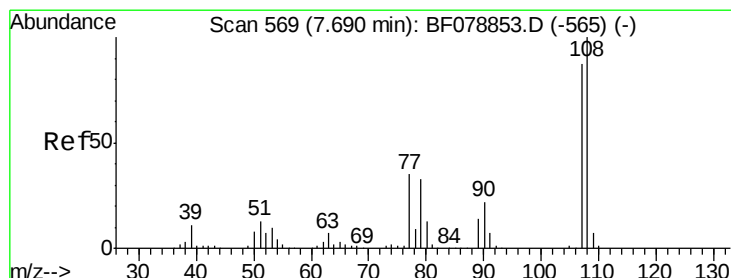
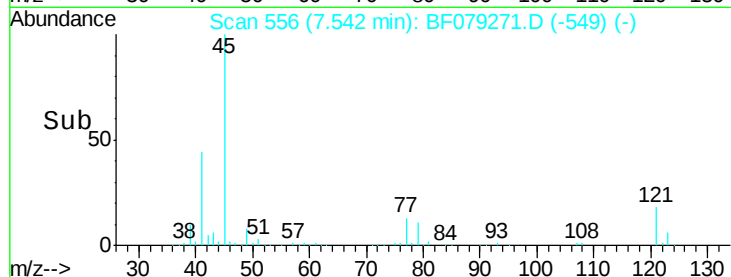
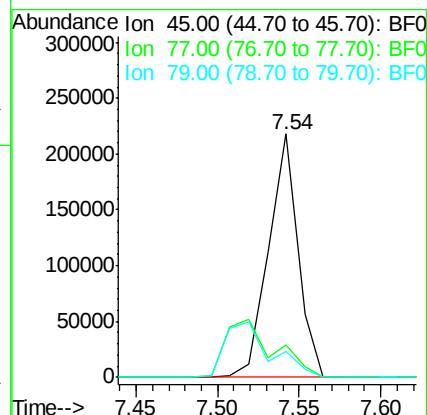
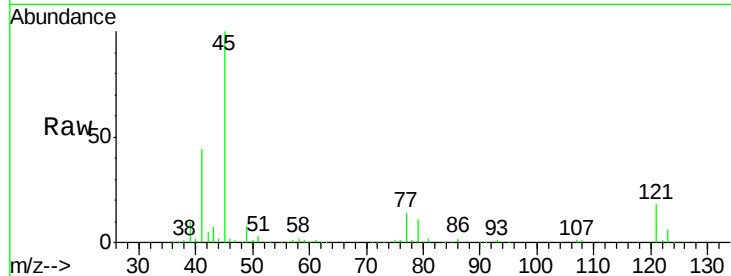




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.26 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

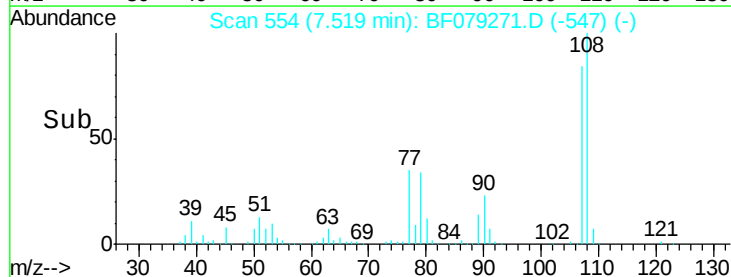
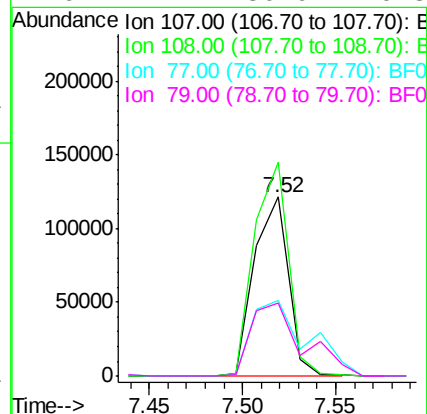
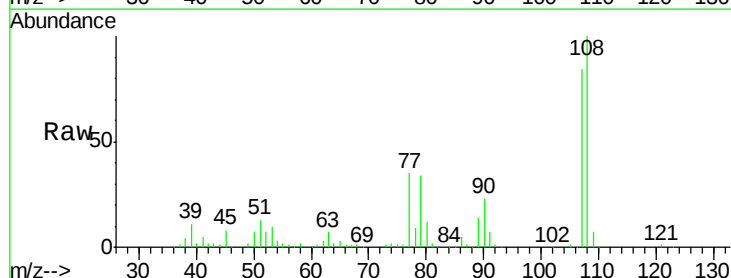
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

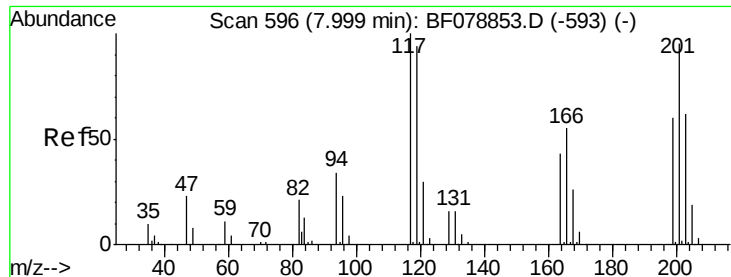
Tgt Ion: 45 Resp: 270851
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.6
79 10.9 0.0 29.3



#17
2-Methylphenol
Concen: 44.14 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion: 107 Resp: 153789
Ion Ratio Lower Upper
107 100
108 119.4 92.4 138.6
77 42.4 32.6 49.0
79 41.2 30.9 46.3

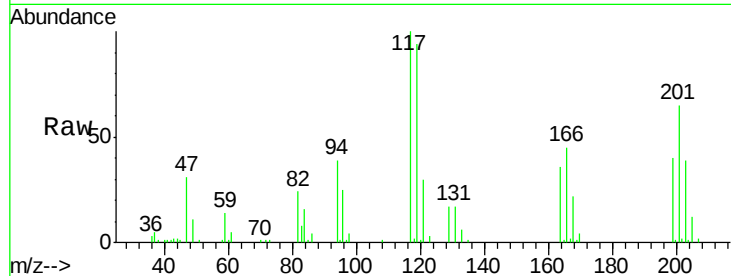




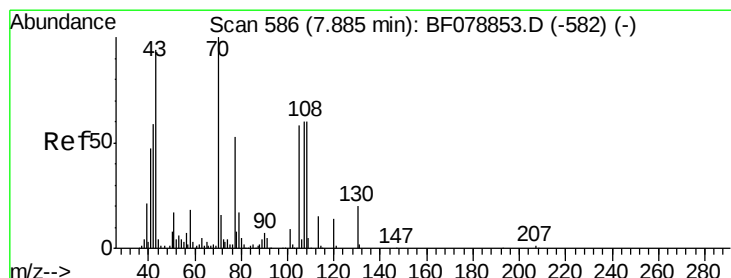
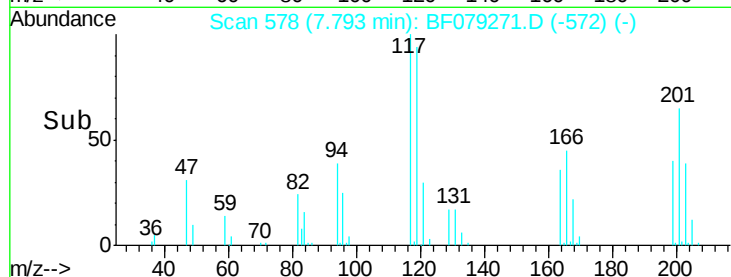
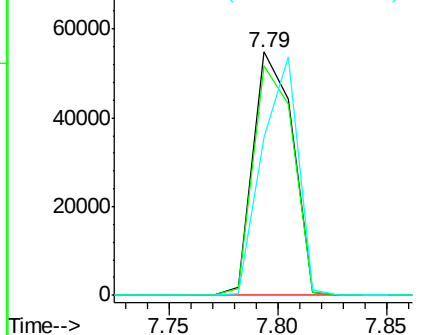
#18
Hexachloroethane
Concen: 40.34 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tgt Ion: 117 Resp: 69579
Ion Ratio Lower Upper
117 100
119 94.1 75.2 112.8
201 64.7 75.8 113.8#



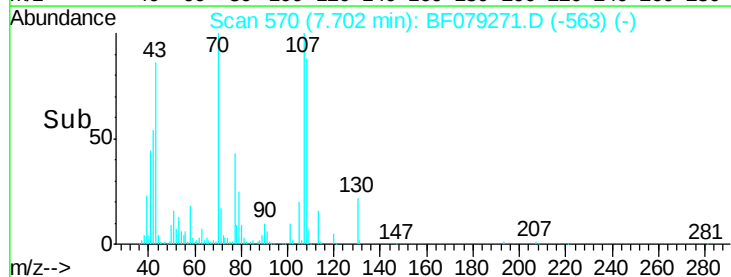
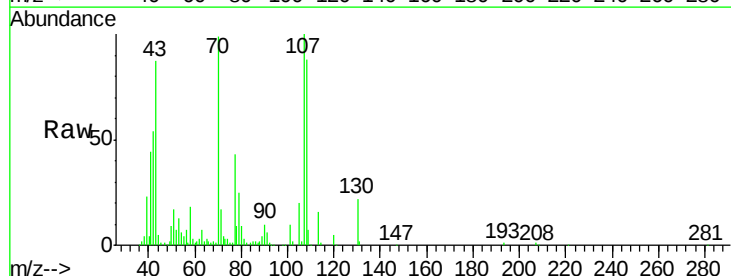
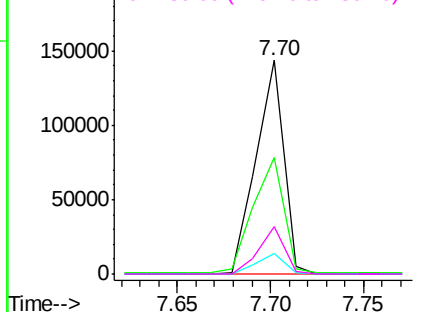
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

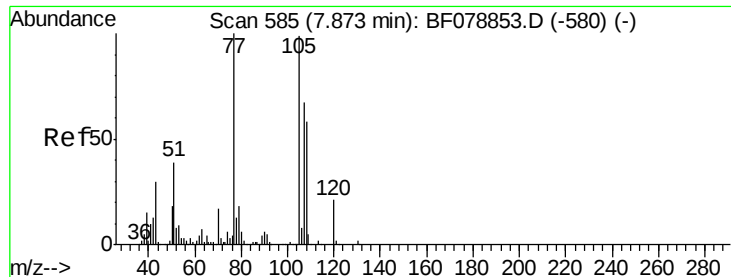


#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion: 70 Resp: 148061
Ion Ratio Lower Upper
70 100
42 54.3 47.3 70.9
101 9.6 7.5 11.3
130 21.9 15.8 23.6

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

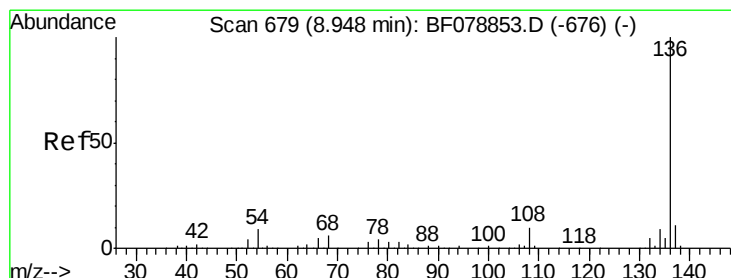
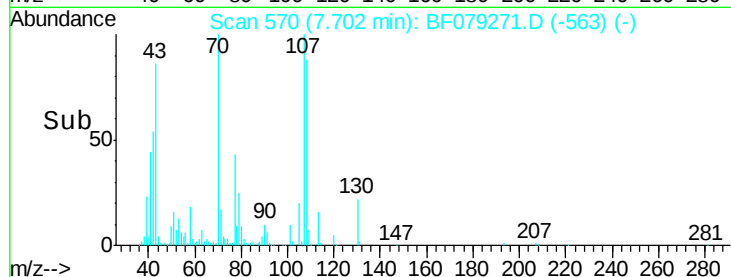
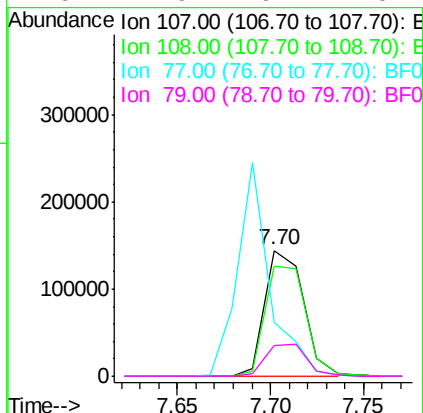
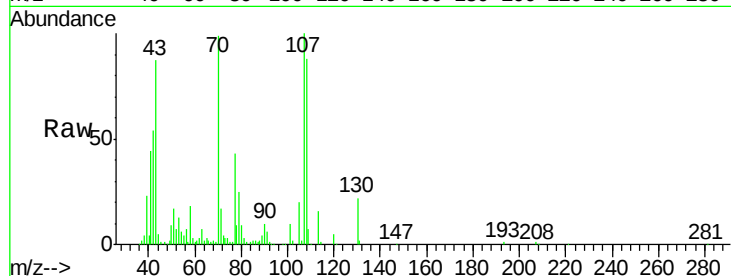




#20
3+4-Methylphenols
Concen: 44.75 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

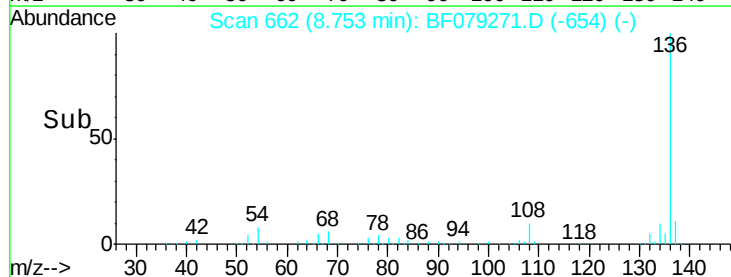
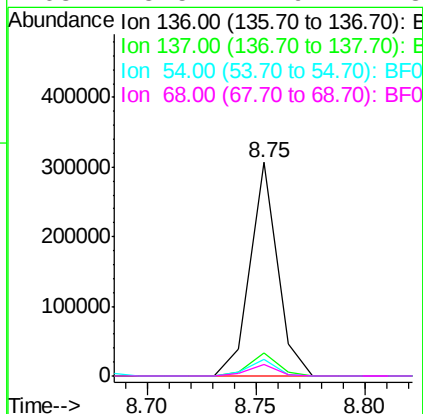
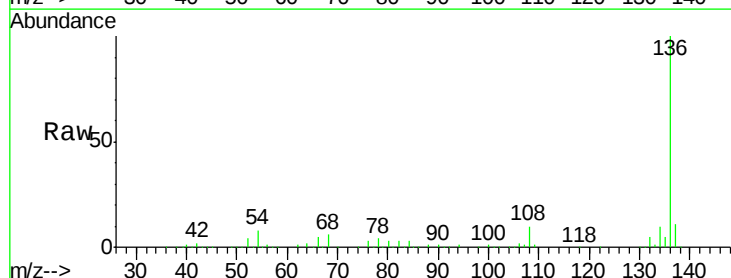
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

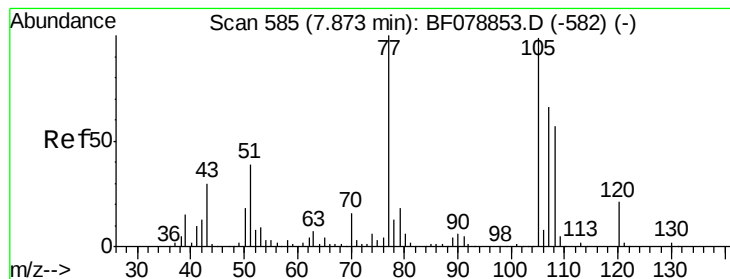
Tgt Ion:107 Resp: 207755
Ion Ratio Lower Upper
107 100
108 87.9 66.5 106.5
77 42.9 130.6 170.6#
79 24.9 6.4 46.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:136 Resp: 269510
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.9 10.3
68 5.5 4.9 7.3





#22

Acetophenone

Concen: 51.11 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

Tgt Ion: 105 Resp: 311187

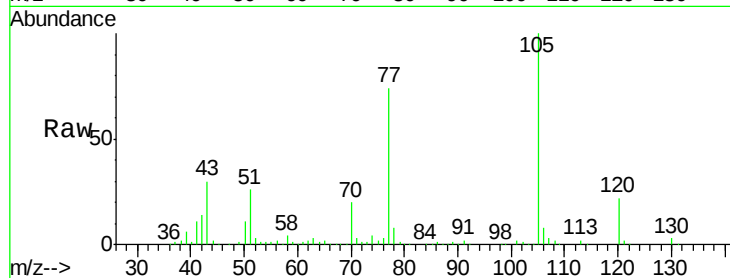
Ion Ratio Lower Upper

105 100

71 3.3 2.2 3.4

51 26.0 31.1 46.7#

120 21.8 16.7 25.1

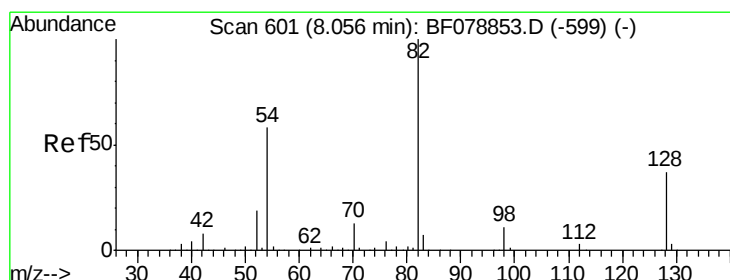
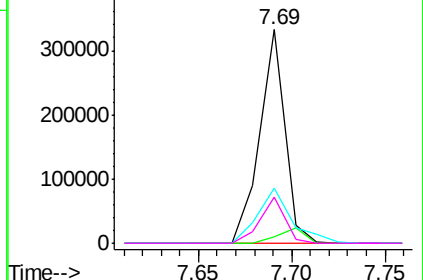
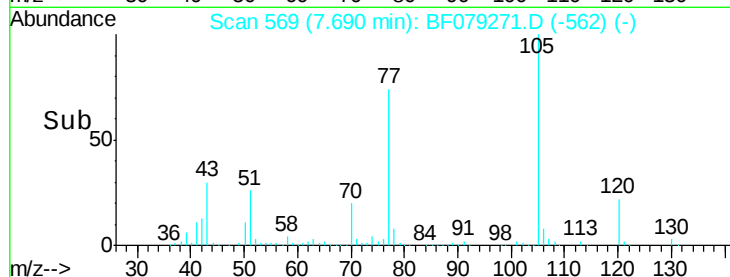


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 83.55 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

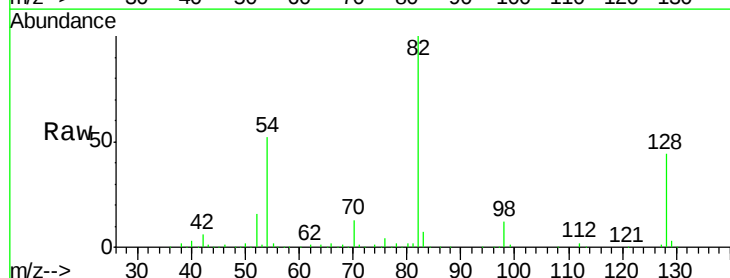
Tgt Ion: 82 Resp: 391784

Ion Ratio Lower Upper

82 100

128 44.1 29.7 44.5

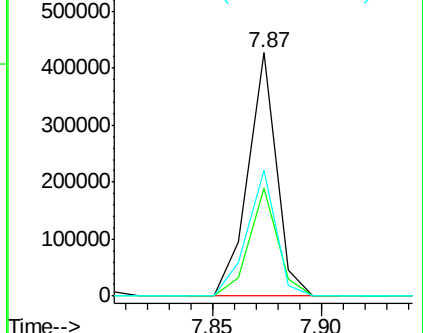
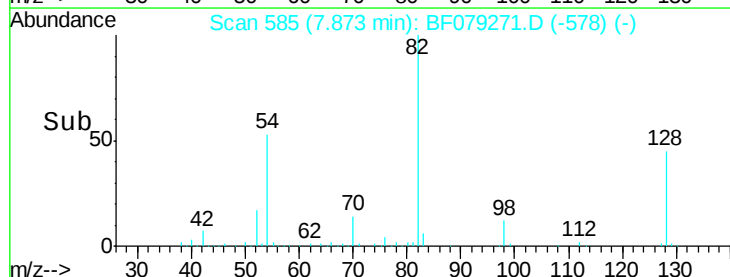
54 51.7 46.2 69.4

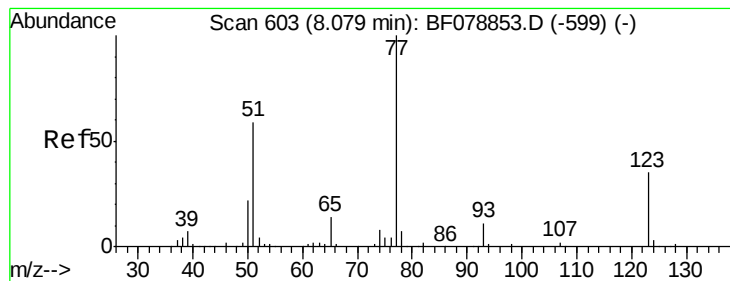


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 48.19 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

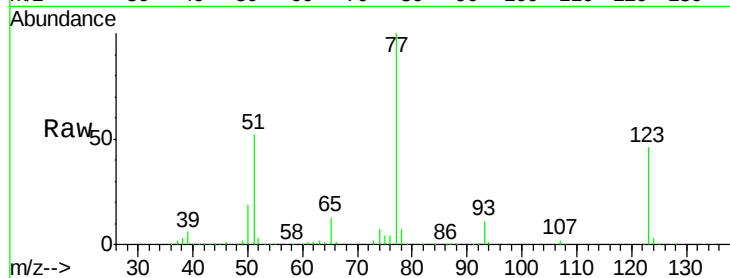
Tgt Ion: 77 Resp: 223992

Ion Ratio Lower Upper

77 100

123 45.8 28.3 42.5#

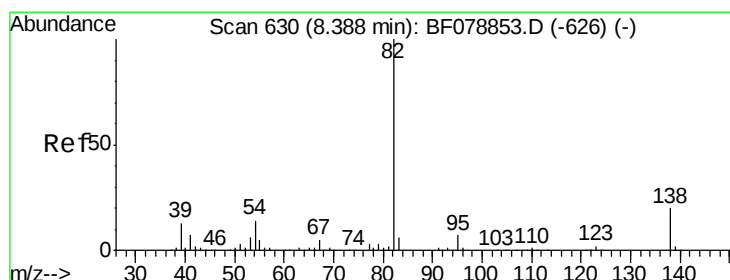
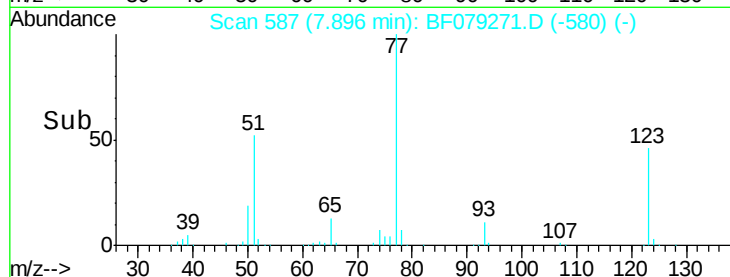
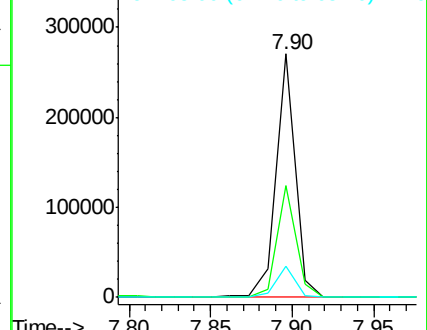
65 13.0 11.0 16.4



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: 42.88 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

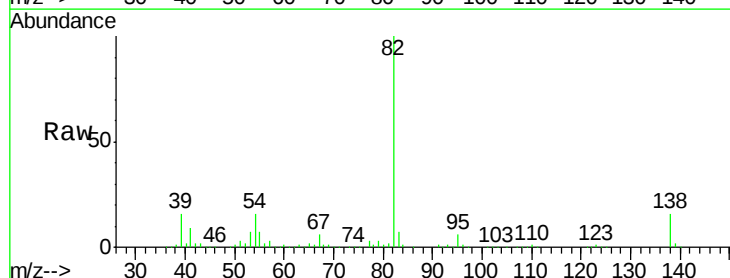
Tgt Ion: 82 Resp: 372782

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

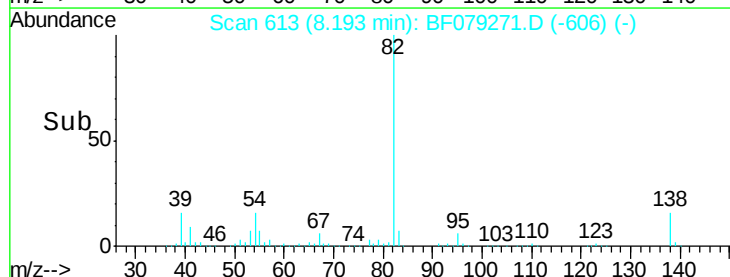
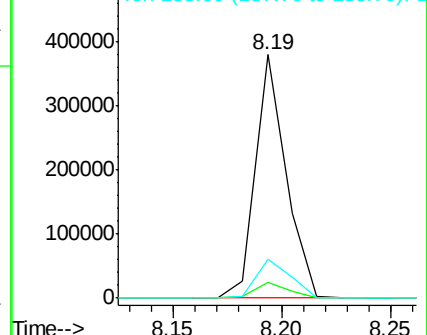
138 16.1 16.1 24.1

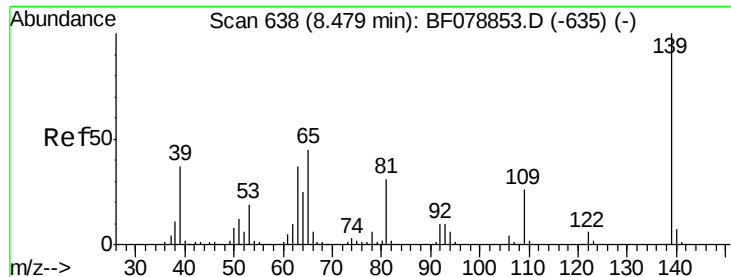


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

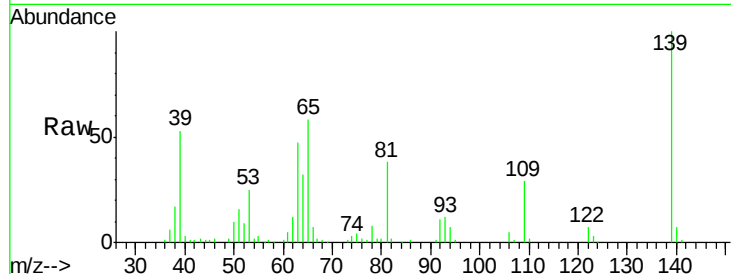




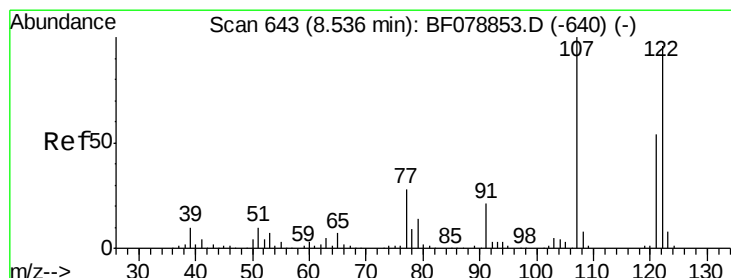
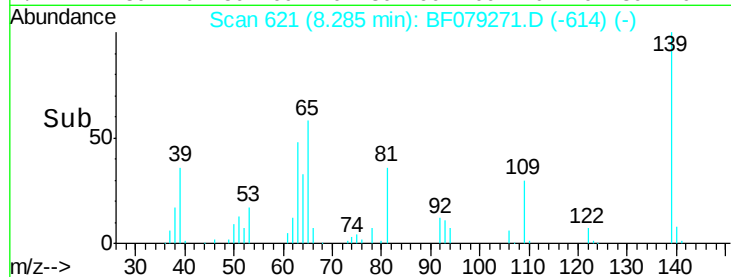
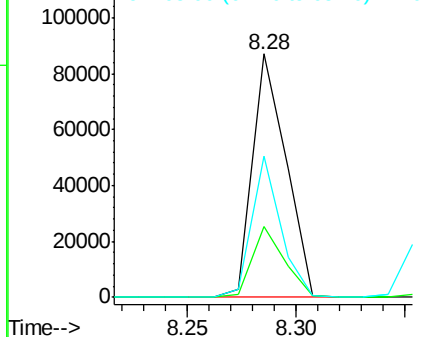
#26
 2-Nitrophenol
 Concen: 48.68 ng
 RT: 8.28 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion:139 Resp: 93664
 Ion Ratio Lower Upper
 139 100
 109 29.3 20.9 31.3
 65 58.0 35.8 53.8#

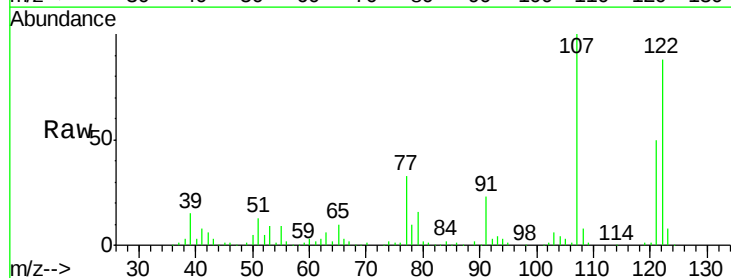


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

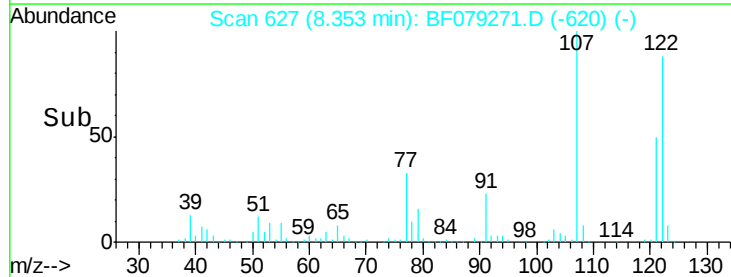
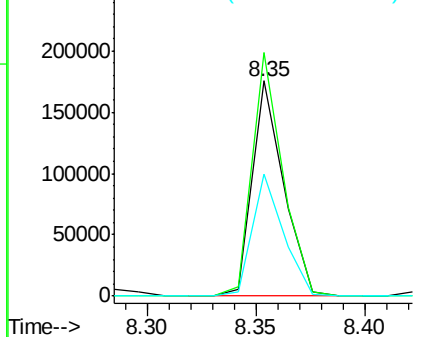


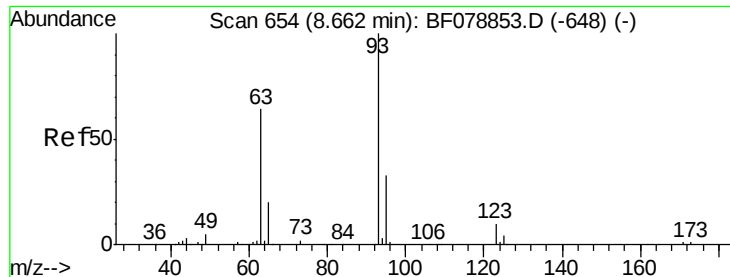
#27
 2,4-Dimethylphenol
 Concen: 45.67 ng
 RT: 8.35 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:122 Resp: 175837
 Ion Ratio Lower Upper
 122 100
 107 113.3 83.6 125.4
 121 56.5 44.9 67.3



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

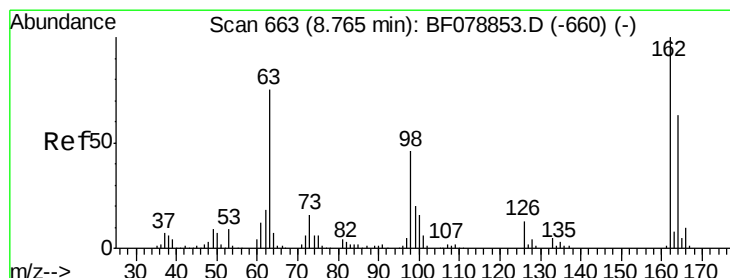
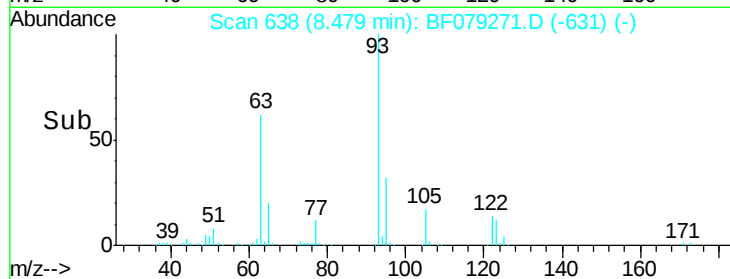
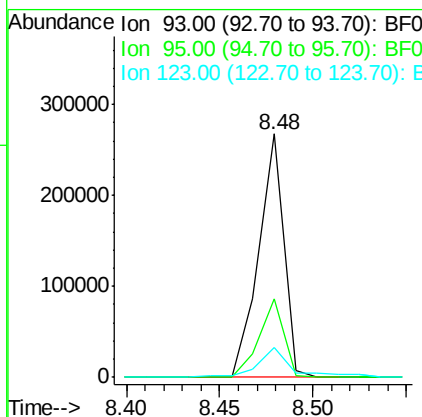
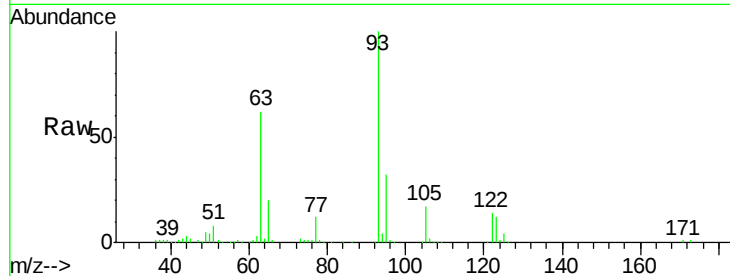




#28
 bis(2-Chloroethoxy)methane
 Concen: 46.44 ng
 RT: 8.48 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

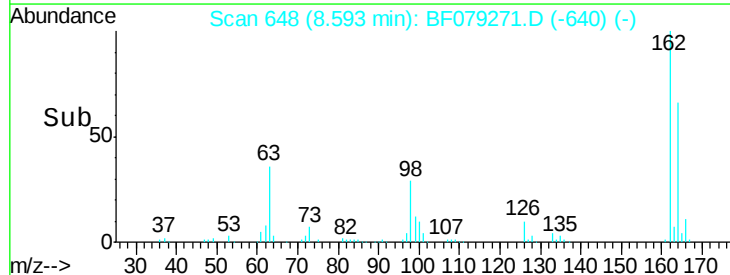
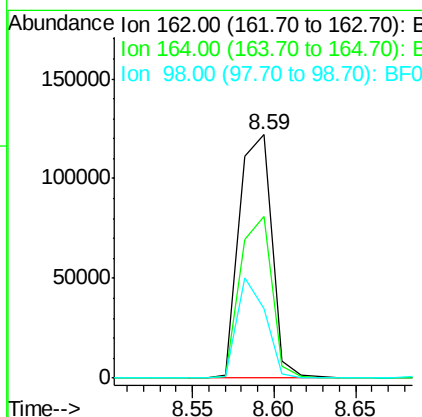
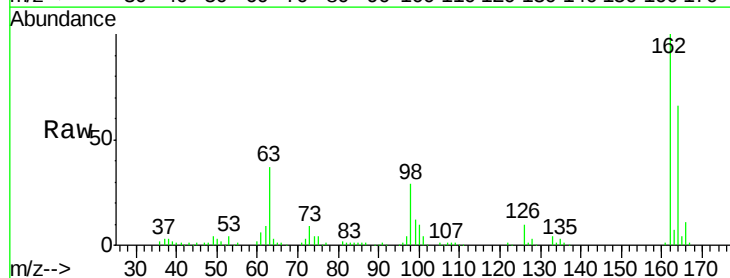
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

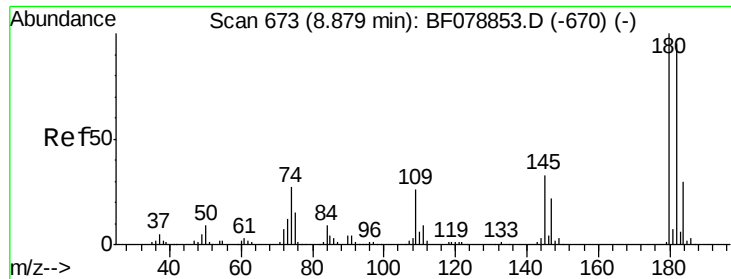
Tgt Ion: 93 Resp: 248870
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.2
 123 12.3 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 49.28 ng
 RT: 8.59 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion: 162 Resp: 168709
 Ion Ratio Lower Upper
 162 100
 164 66.2 42.7 82.7
 98 28.8 26.3 66.3

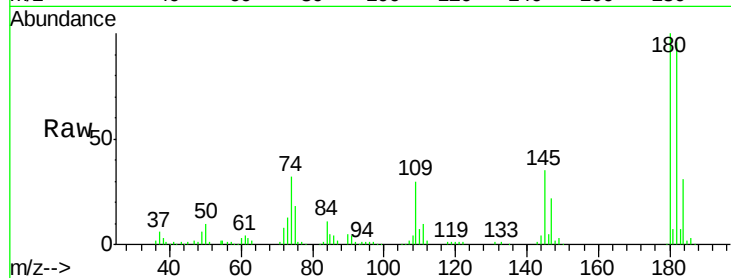




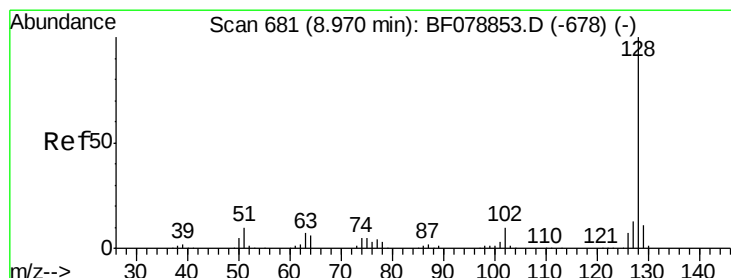
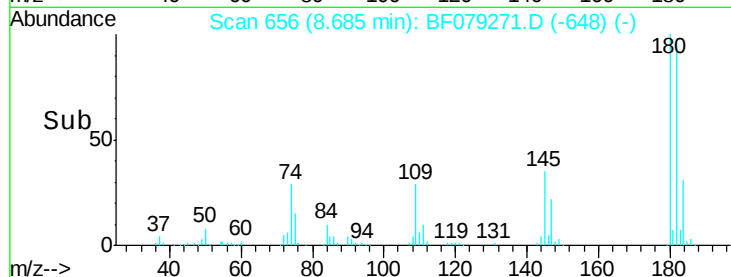
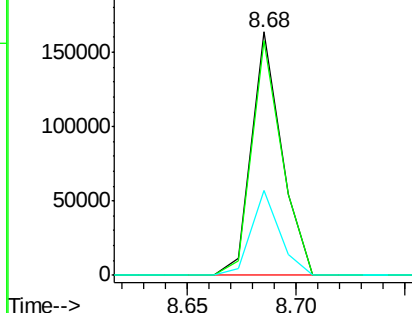
#30
1,2,4-Trichlorobenzene
Concen: 41.97 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tgt Ion:180 Resp: 157846
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 34.9 26.2 39.4

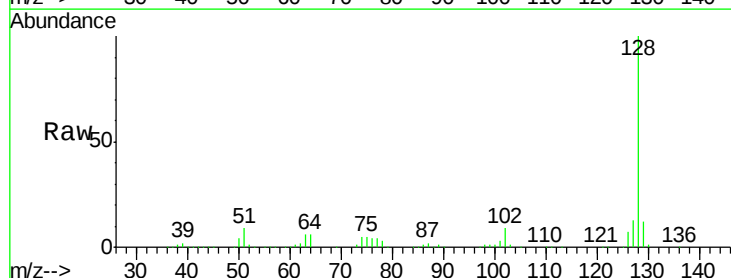


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

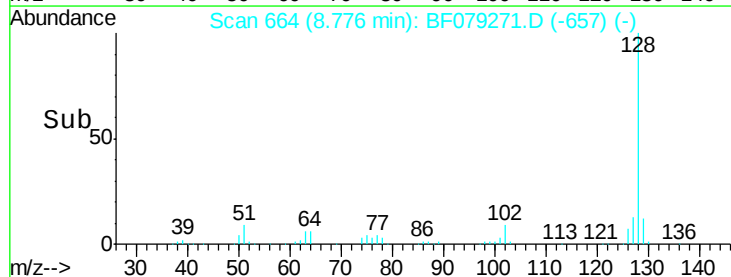
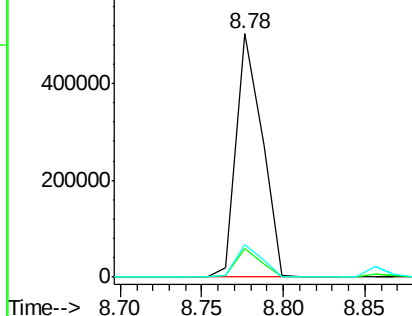


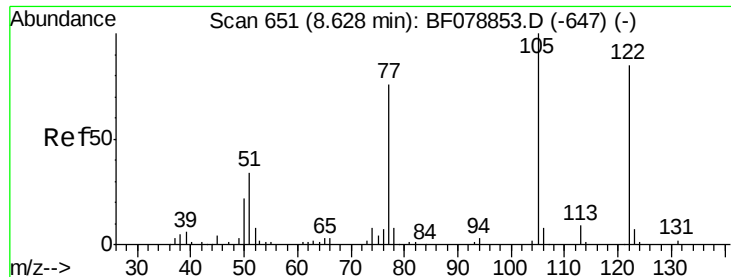
#31
Naphthalene
Concen: 42.58 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:128 Resp: 546794
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.3 15.5



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





#32

Benzoic acid

Concen: 65.12 ng

RT: 8.50 min Scan# 640

Delta R.T. 0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

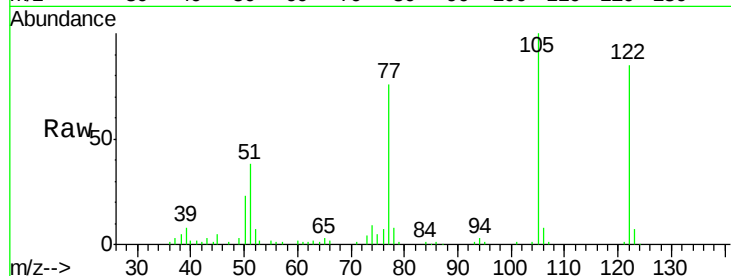
Tgt Ion:122 Resp: 163285

Ion Ratio Lower Upper

122 100

105 118.3 100.7 140.7

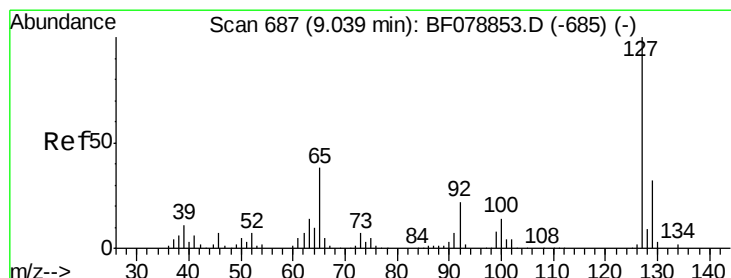
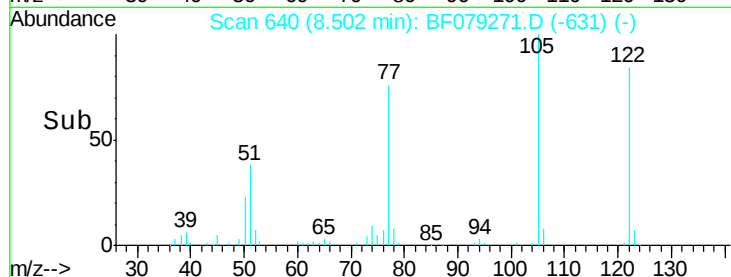
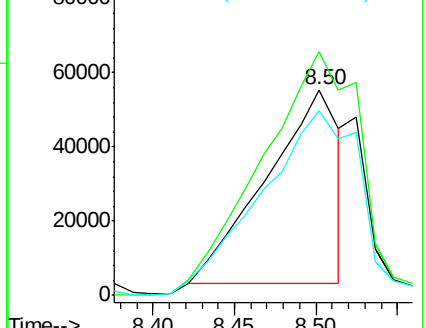
77 90.0 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 4.54 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:127 Resp: 24653

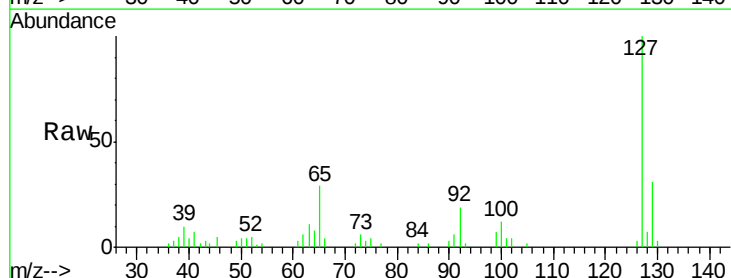
Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4

65 28.9 30.2 45.4#

92 19.1 17.5 26.3

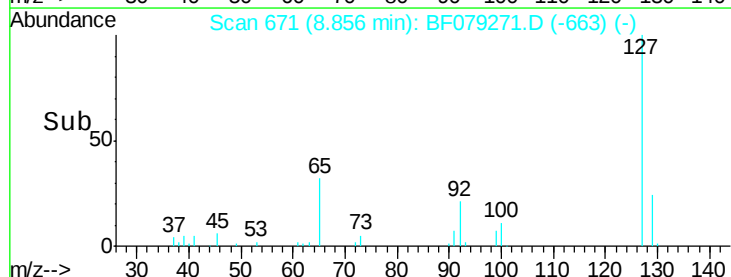
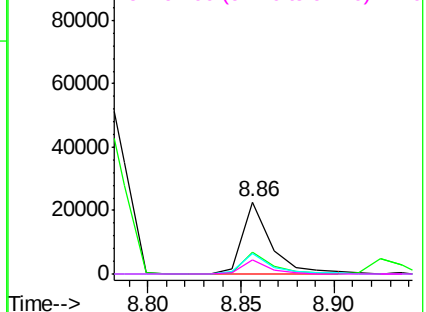


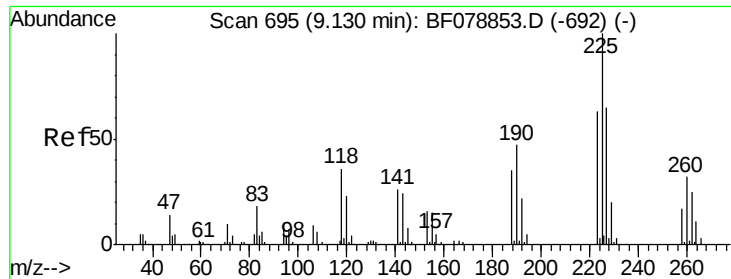
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

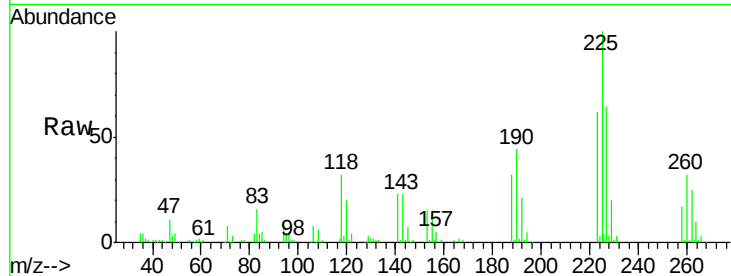




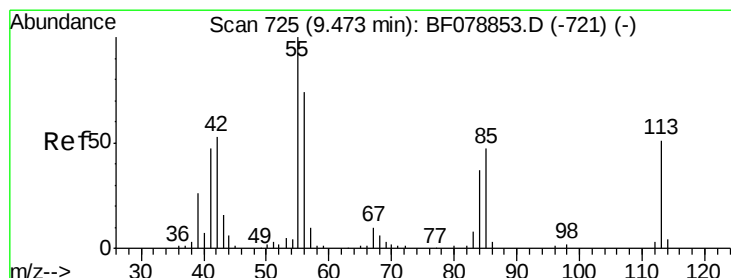
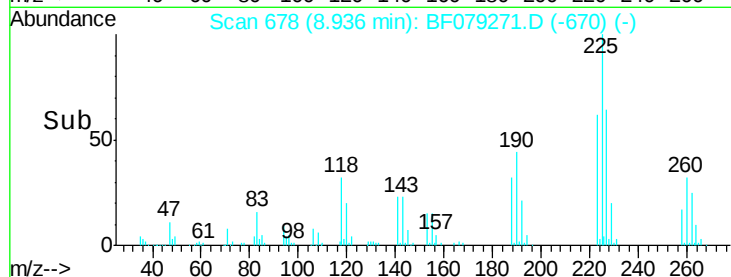
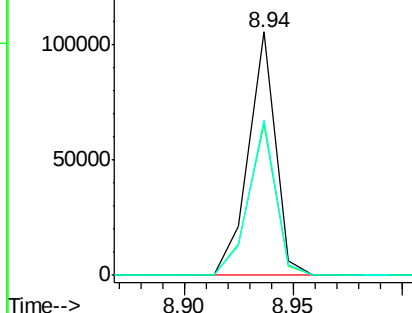
#34
Hexachlorobutadiene
Concen: 42.23 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tgt Ion: 225 Resp: 91463
Ion Ratio Lower Upper
225 100
223 62.0 50.6 75.8
227 63.8 52.1 78.1

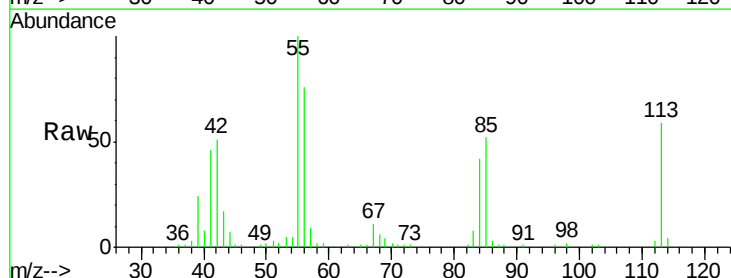


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

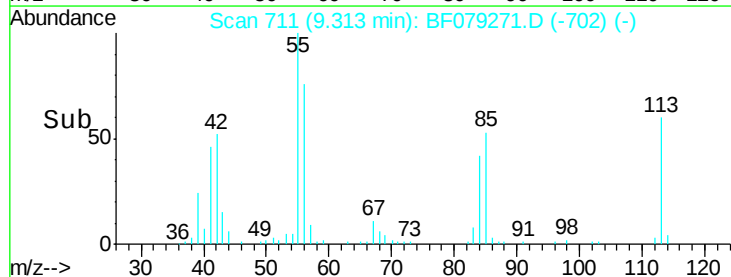
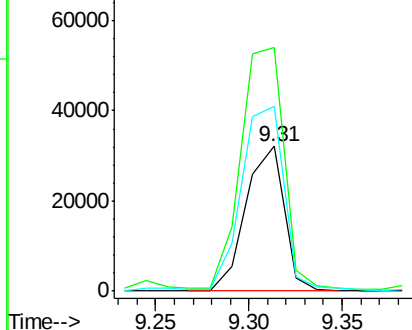


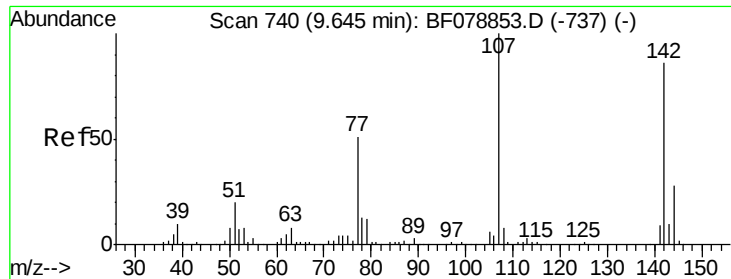
#35
Caprolactam
Concen: 41.45 ng
RT: 9.31 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion: 113 Resp: 45889
Ion Ratio Lower Upper
113 100
55 168.5 176.0 216.0#
56 127.8 123.8 163.8



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

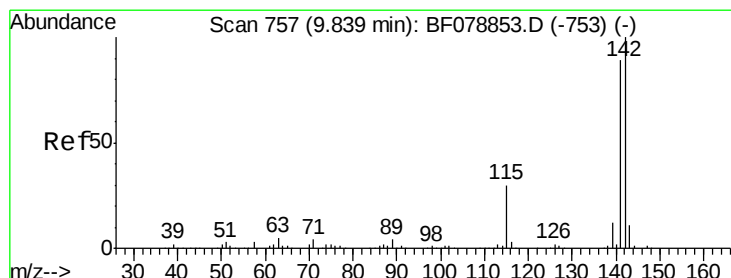
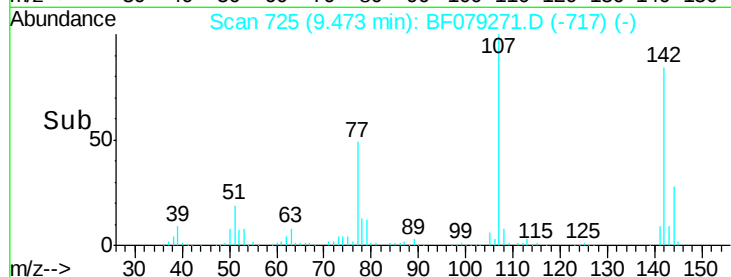
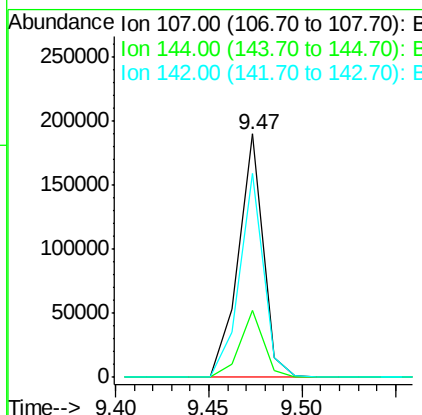
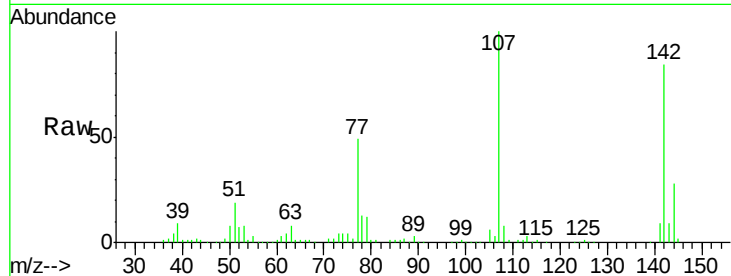




#36
 4-Chloro-3-methylphenol
 Concen: 49.81 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

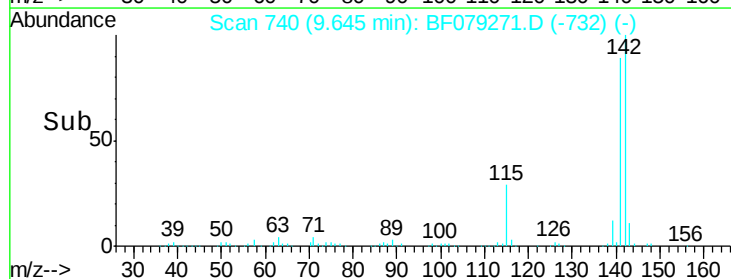
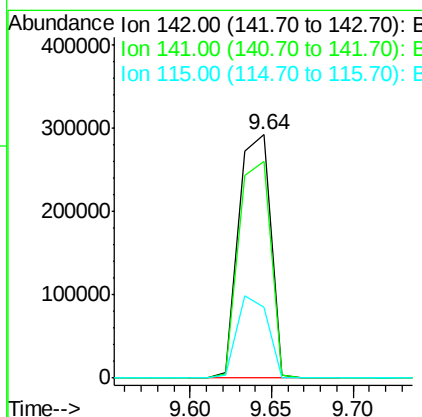
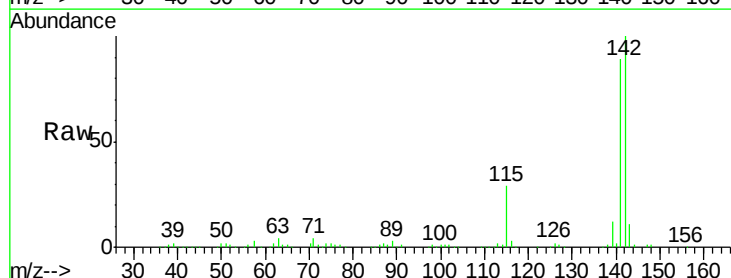
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

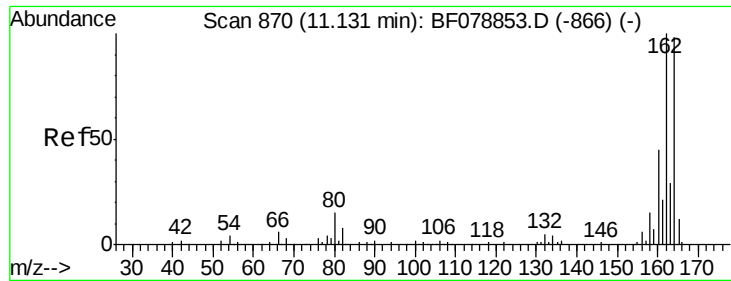
Tgt Ion:107 Resp: 179115
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.5 33.7
 142 83.7 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 44.46 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:142 Resp: 395665
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.6 107.4
 115 29.3 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

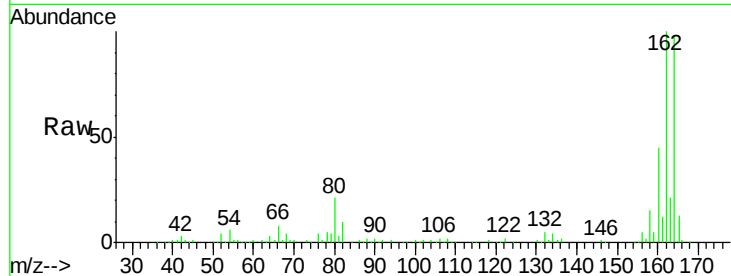
Tgt Ion:164 Resp: 130025

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.0

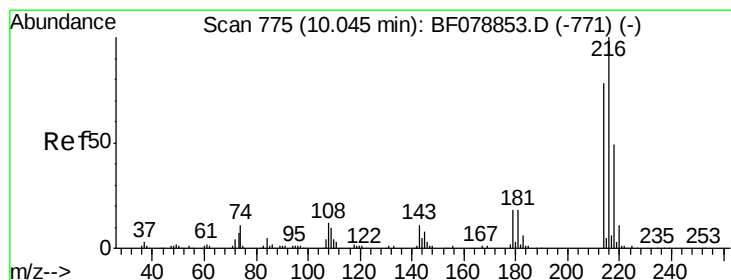
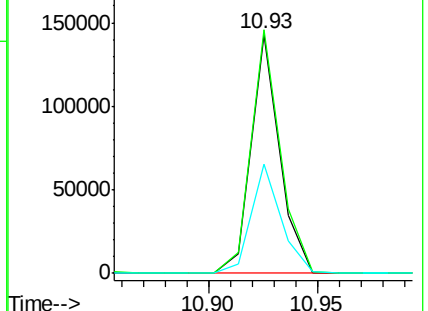
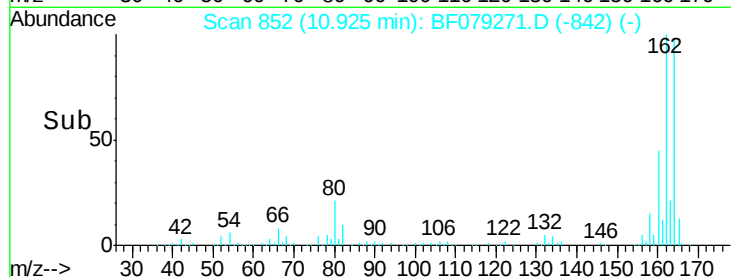
160 45.9 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.74 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:216 Resp: 160168

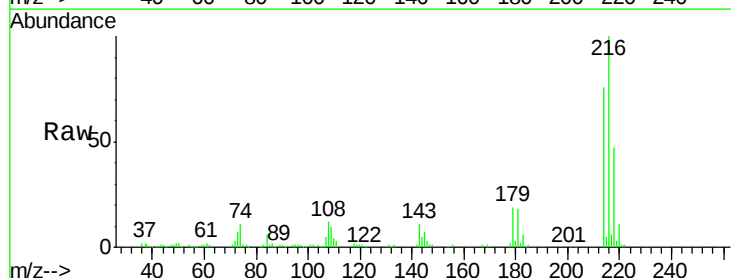
Ion Ratio Lower Upper

216 100

214 78.5 64.0 96.0

179 22.1 17.0 25.4

108 22.7 17.0 25.6

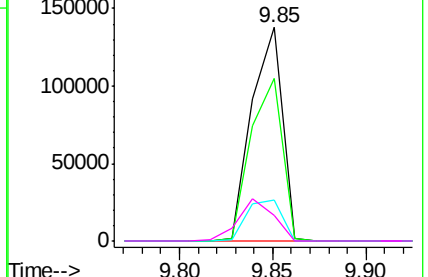
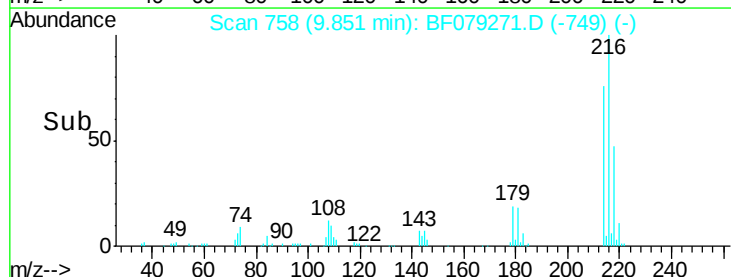


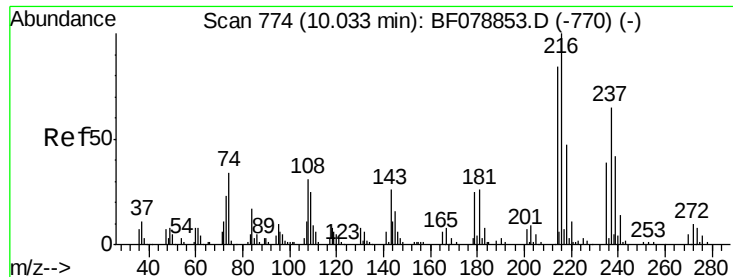
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

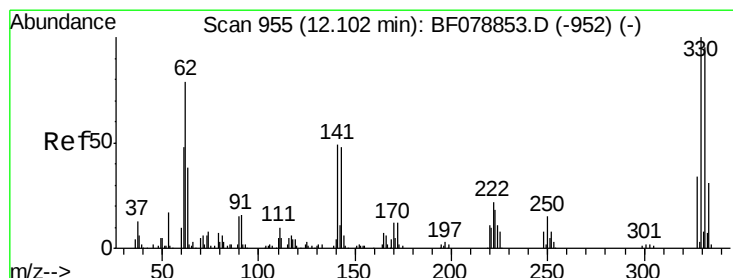
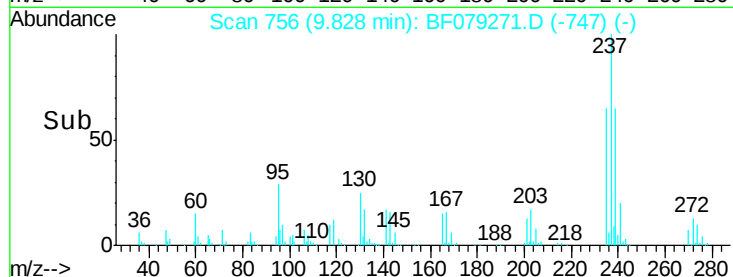
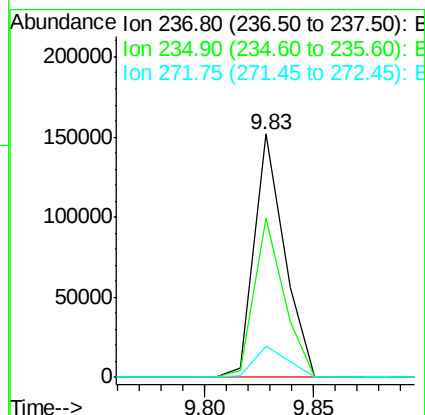
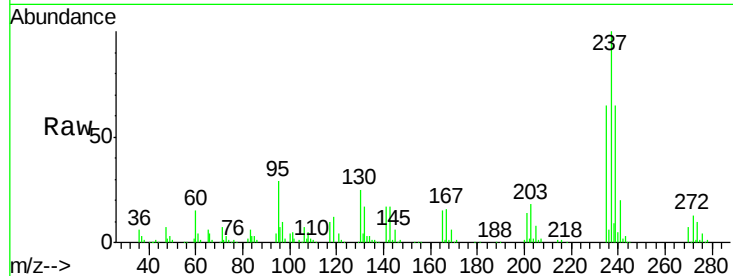




#40
Hexachlorocyclopentadiene
Concen: 79.76 ng
RT: 9.83 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

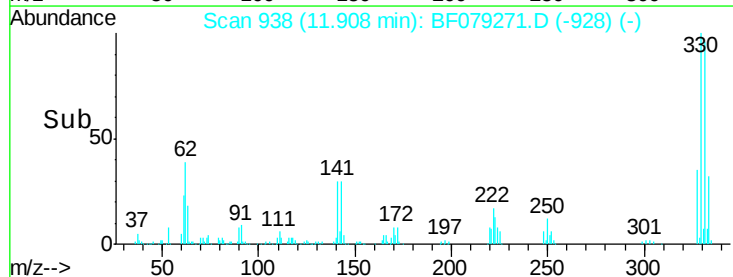
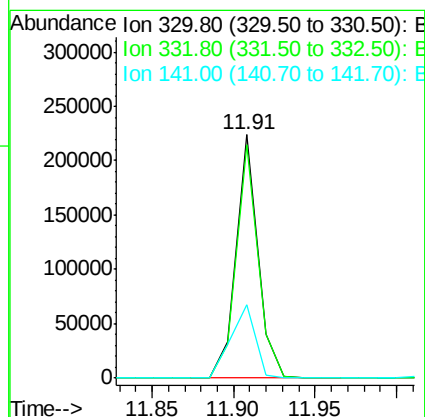
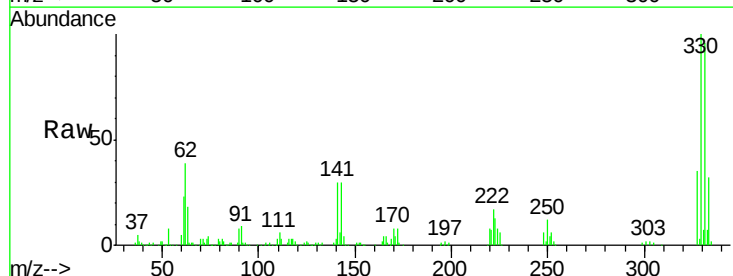
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

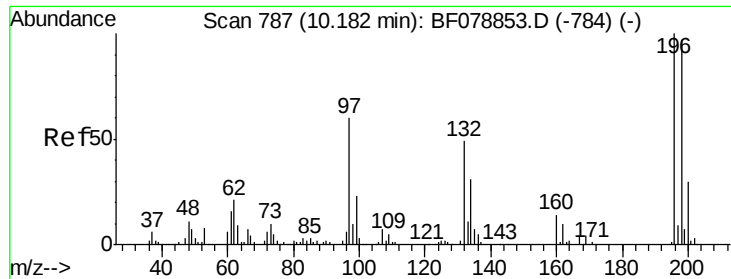
Tgt Ion:237 Resp: 146871
Ion Ratio Lower Upper
237 100
235 65.4 40.0 80.0
272 12.9 0.0 36.0



#41
2,4,6-Tribromophenol
Concen: 146.20 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:330 Resp: 205650
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 34.2 27.8 41.8

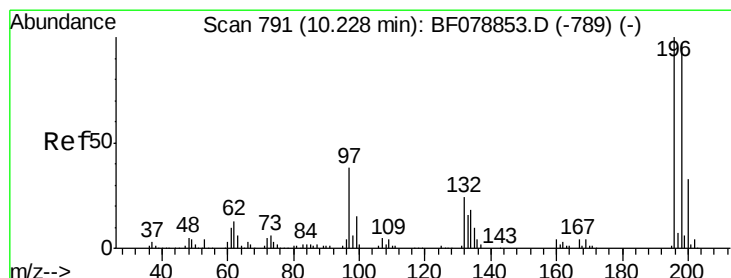
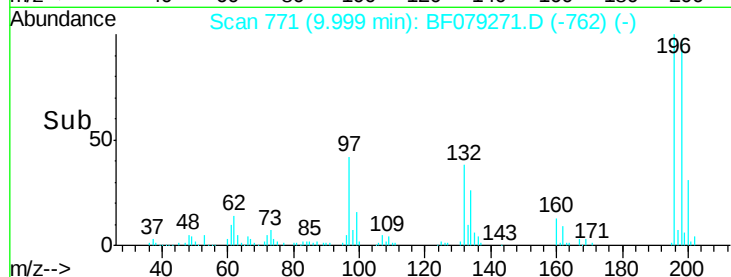
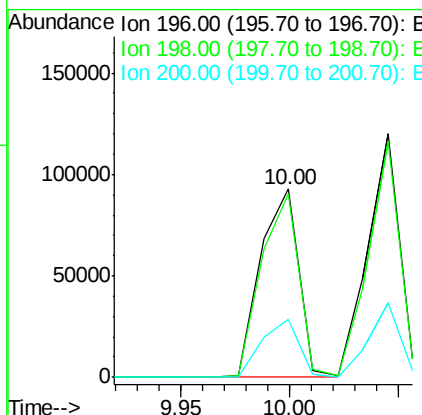
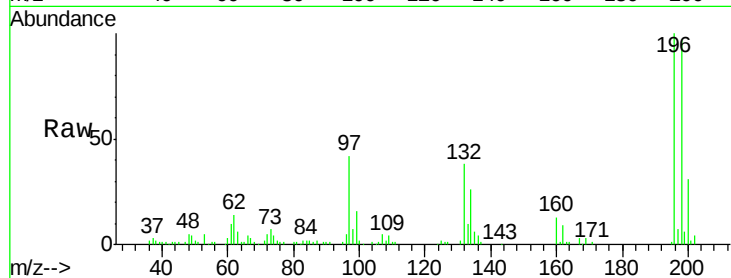




#42
 2,4,6-Trichlorophenol
 Concen: 45.31 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

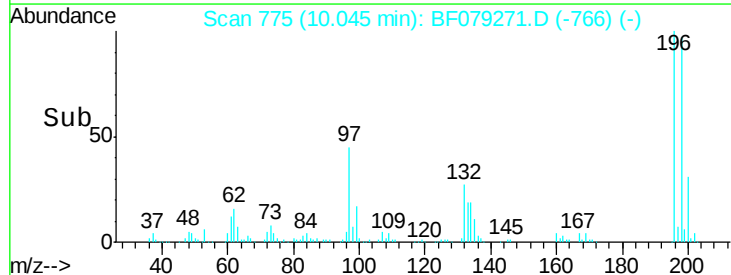
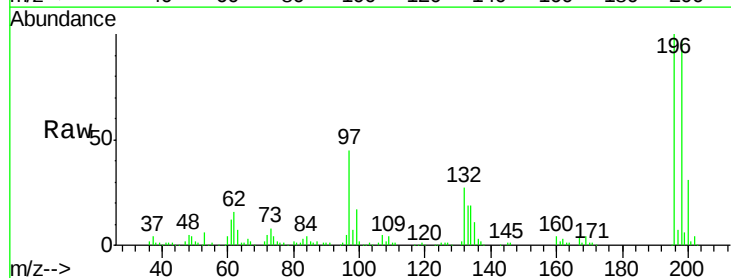
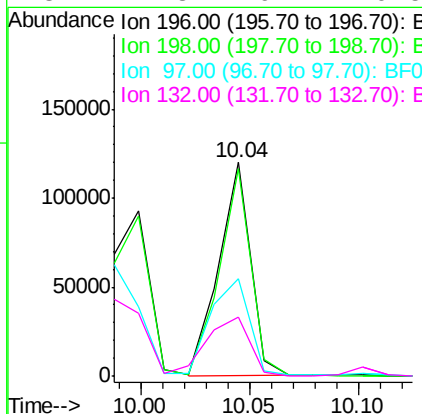
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

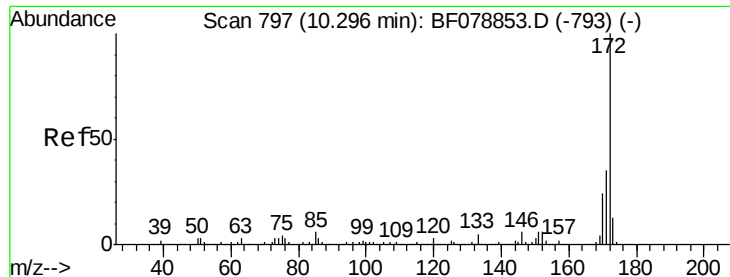
Tgt Ion:196 Resp: 114059
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.4 116.2
 200 31.0 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 47.87 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:196 Resp: 121844
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.3 115.9
 97 45.3 31.3 46.9
 132 27.3 19.7 29.5

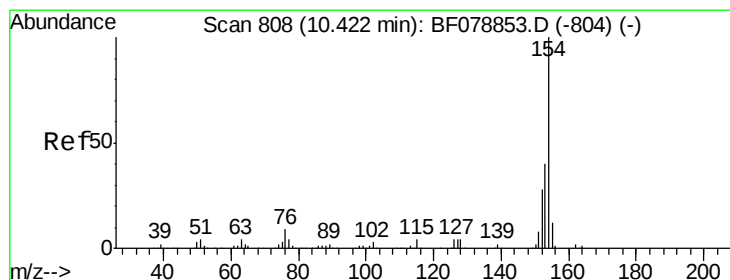
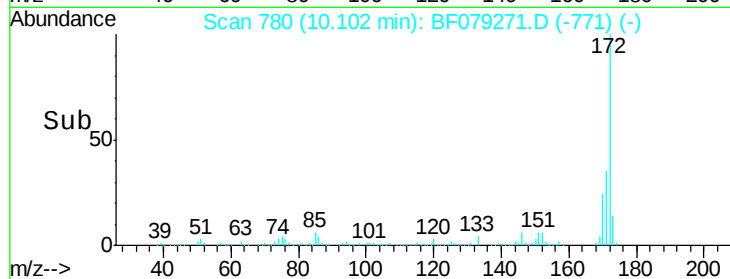
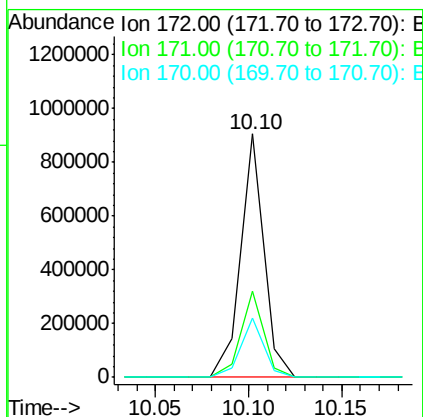
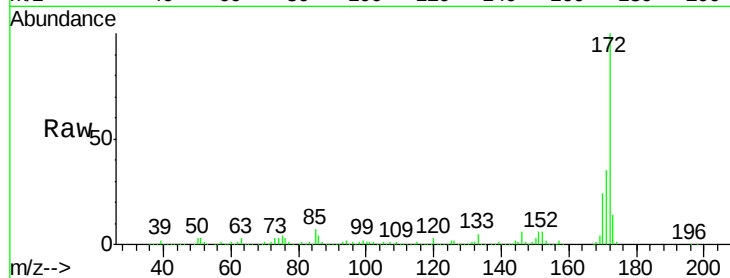




#44
2-Fluorobiphenyl
Concen: 85.00 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

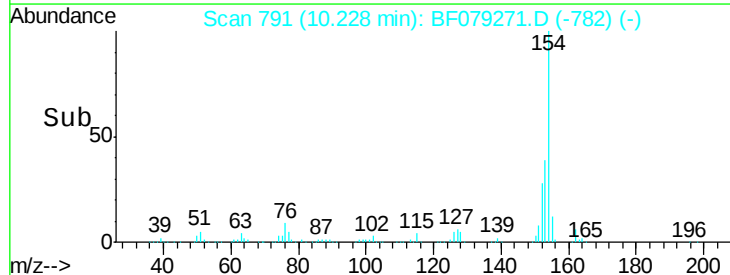
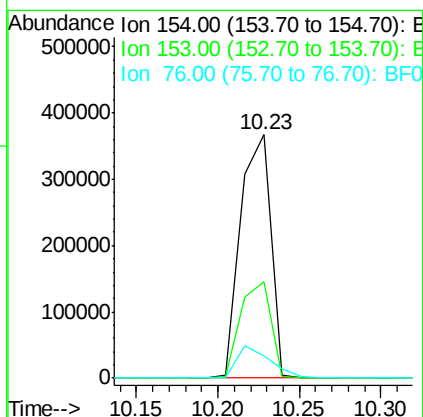
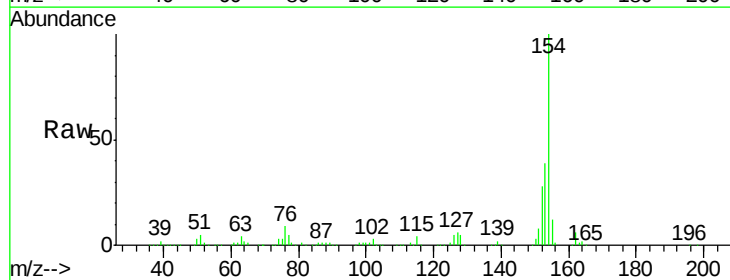
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

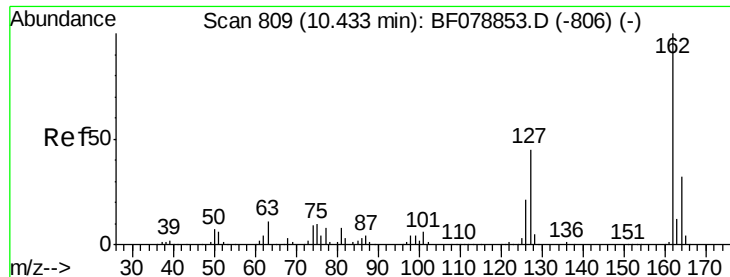
Tgt Ion:172 Resp: 793328
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.5 19.4 29.2



#45
1,1'-Biphenyl
Concen: 45.49 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:154 Resp: 470169
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 9.1 0.0 29.1

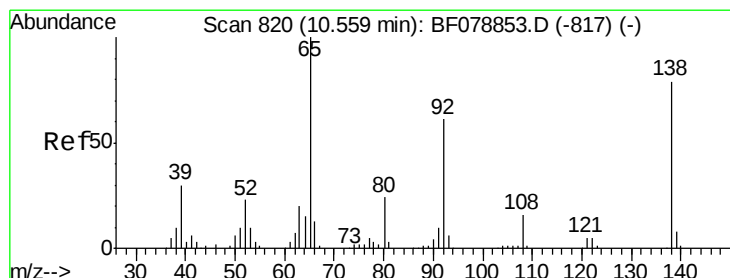
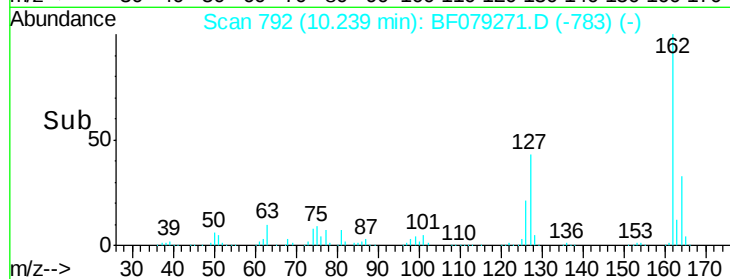
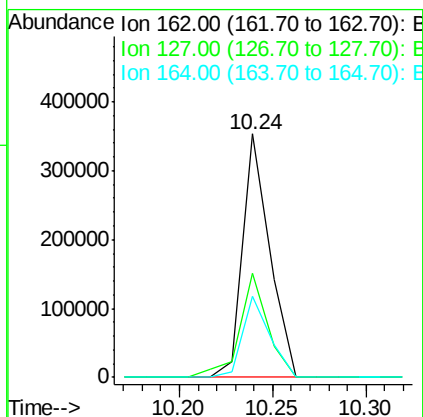
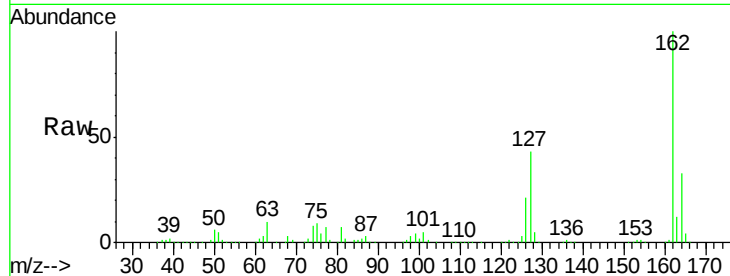




#46
 2-Chloronaphthalene
 Concen: 44.26 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

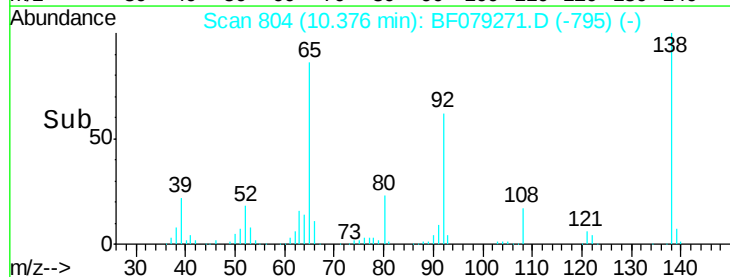
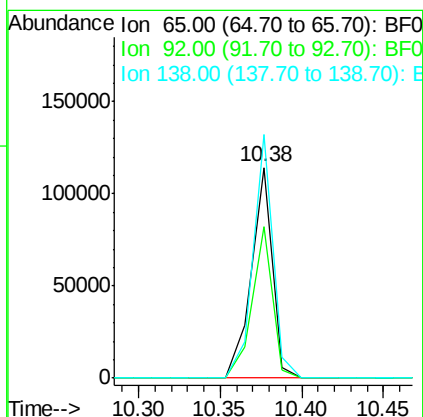
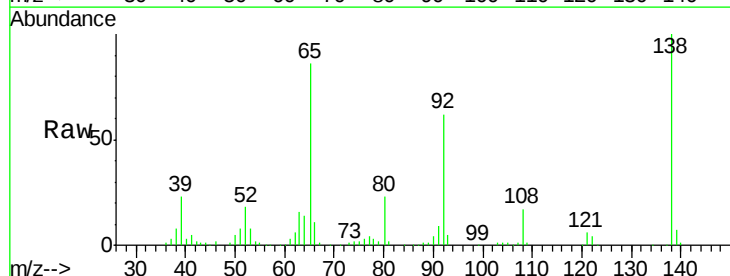
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

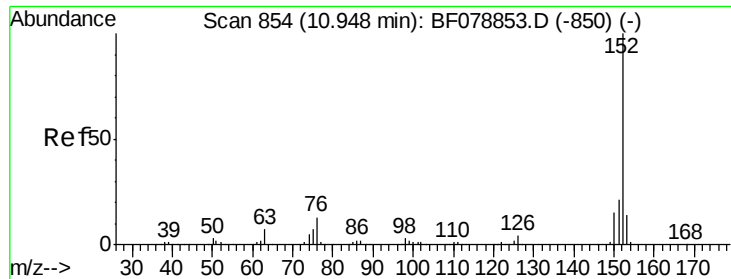
Tgt Ion: 162 Resp: 356830
 Ion Ratio Lower Upper
 162 100
 127 42.9 36.3 54.5
 164 33.1 25.9 38.9



#47
 2-Nitroaniline
 Concen: 43.79 ng
 RT: 10.38 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion: 65 Resp: 102310
 Ion Ratio Lower Upper
 65 100
 92 71.8 49.1 73.7
 138 115.7 63.2 94.8#

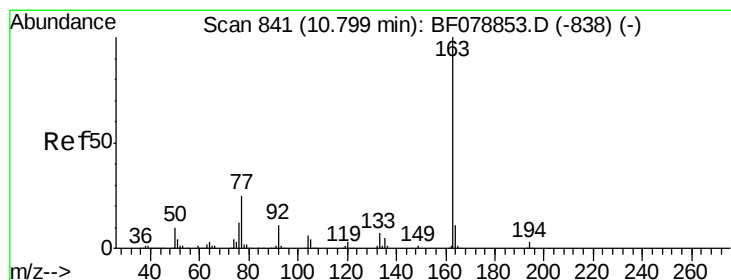
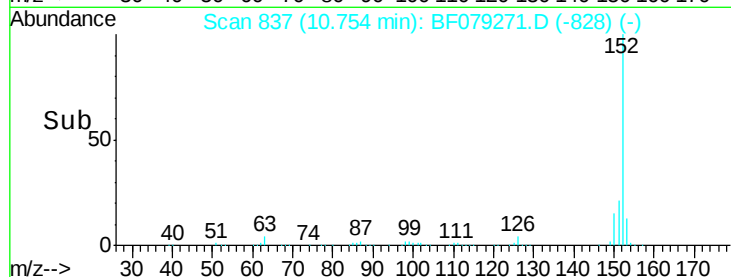
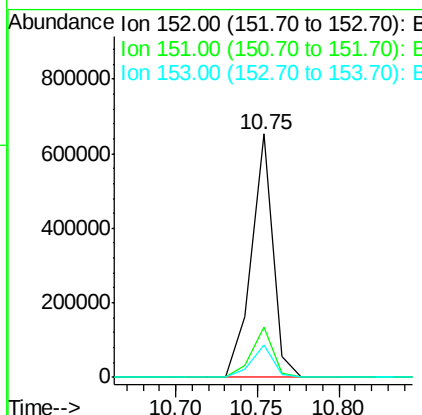
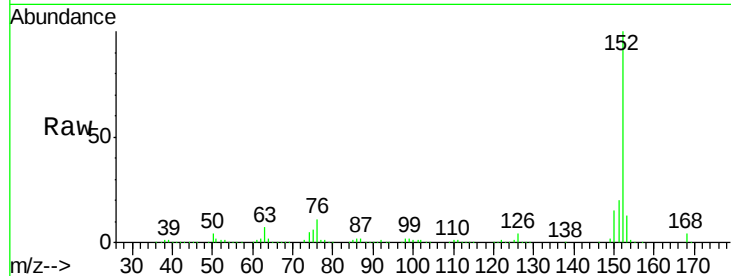




#48
Acenaphthylene
Concen: 45.27 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

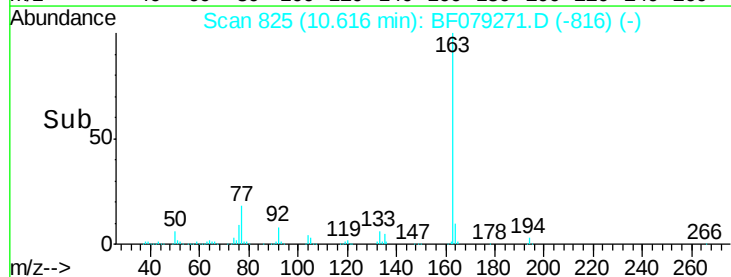
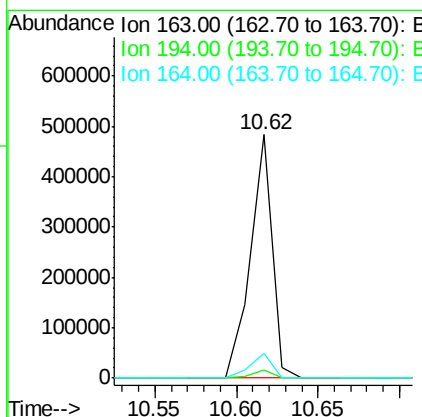
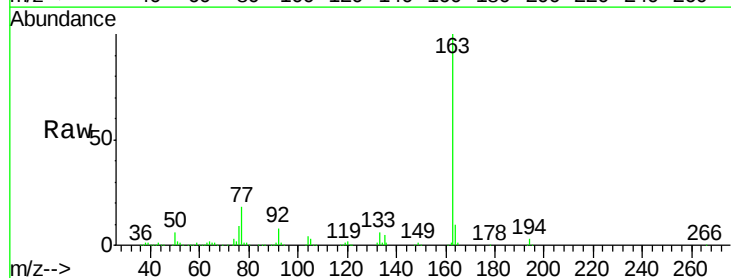
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

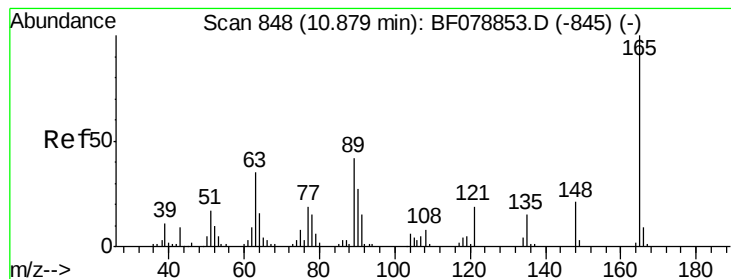
Tgt Ion:152 Resp: 599268
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.4 11.0 16.6



#49
Dimethylphthalate
Concen: 46.99 ng
RT: 10.62 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion:163 Resp: 448445
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 10.1 8.6 12.8





#50

2,6-Dinitrotoluene

Concen: 46.93 ng

RT: 10.69 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

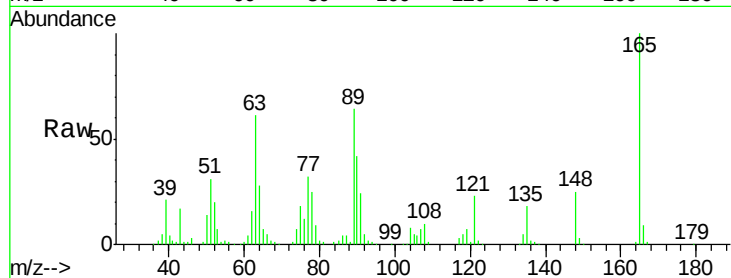
Tgt Ion:165 Resp: 88377

Ion Ratio Lower Upper

165 100

63 61.0 29.2 43.8#

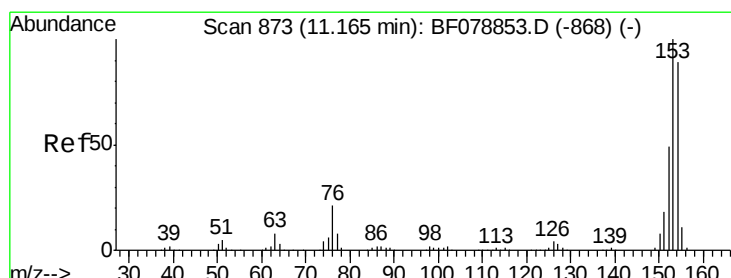
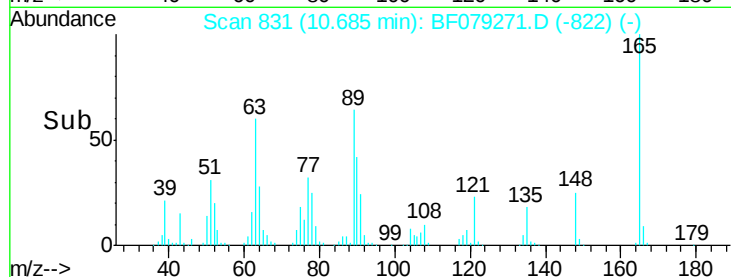
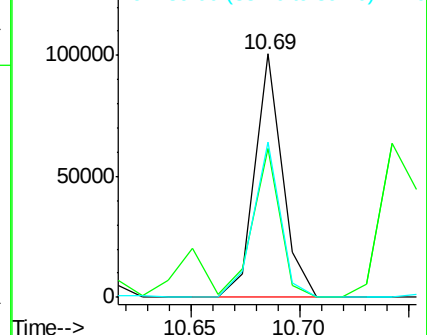
89 63.6 33.3 49.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 44.68 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

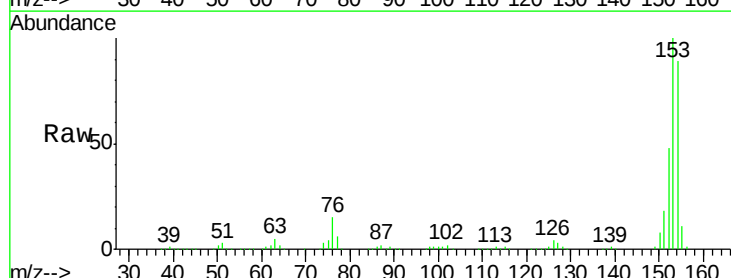
Tgt Ion:154 Resp: 352748

Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.2

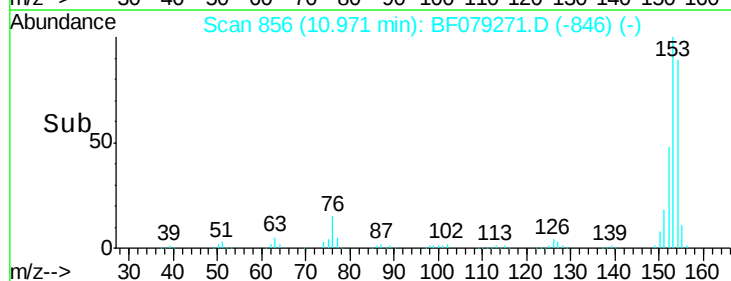
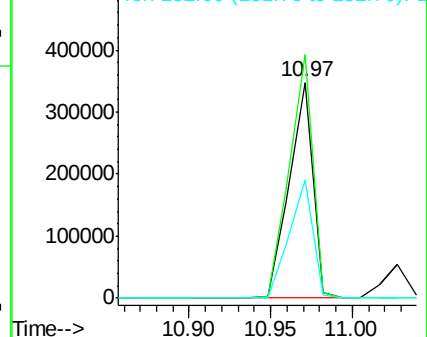
152 54.5 43.8 65.8

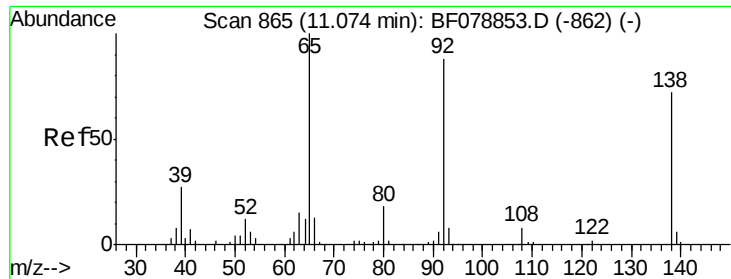


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

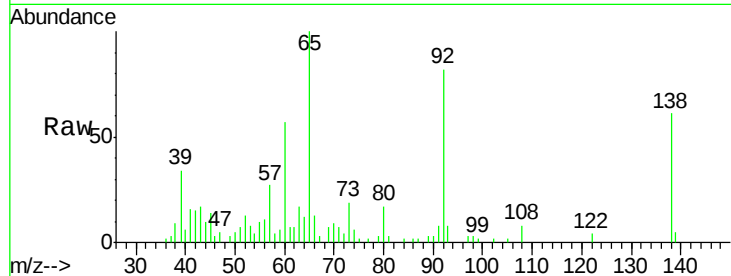




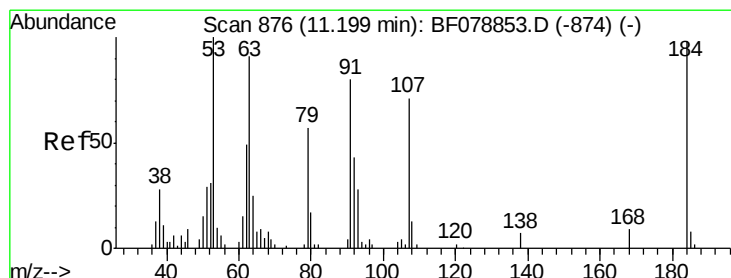
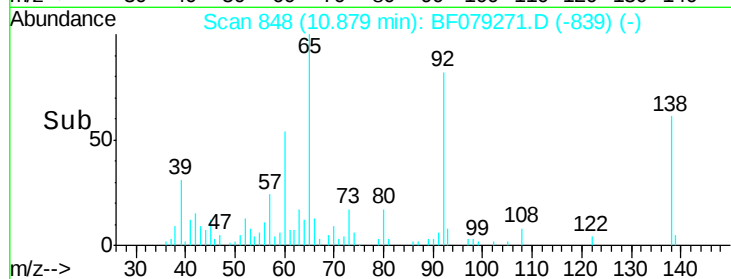
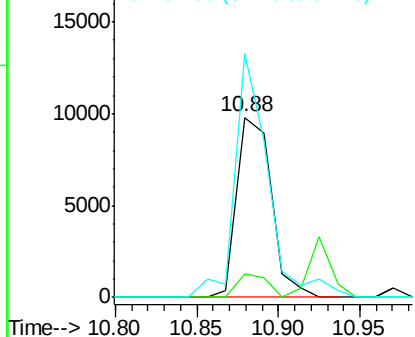
#52
 3-Nitroaniline
 Concen: 6.09 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion:138 Resp: 14323
 Ion Ratio Lower Upper
 138 100
 108 13.2 8.5 12.7#
 92 135.5 97.4 146.0

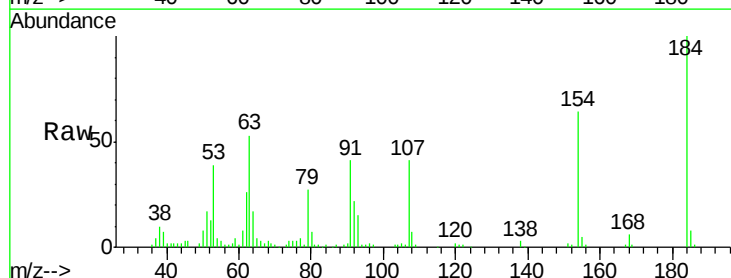


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

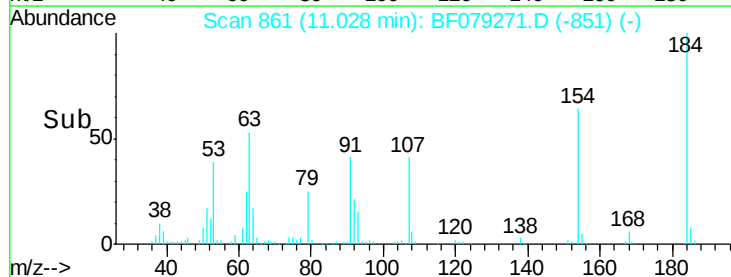
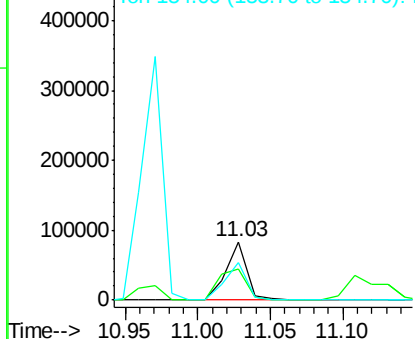


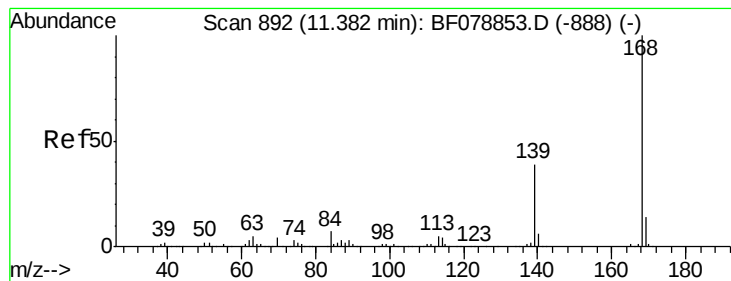
#53
 2,4-Dinitrophenol
 Concen: 93.78 ng
 RT: 11.03 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:184 Resp: 84116
 Ion Ratio Lower Upper
 184 100
 63 52.8 98.8 148.2#
 154 64.1 63.4 95.0



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





#54

Dibenzenofuran

Concen: 46.66 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

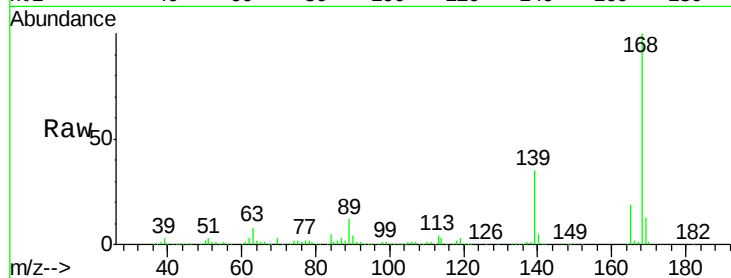
Tgt Ion:168 Resp: 532030

Ion Ratio Lower Upper

168 100

139 35.4 31.5 47.3

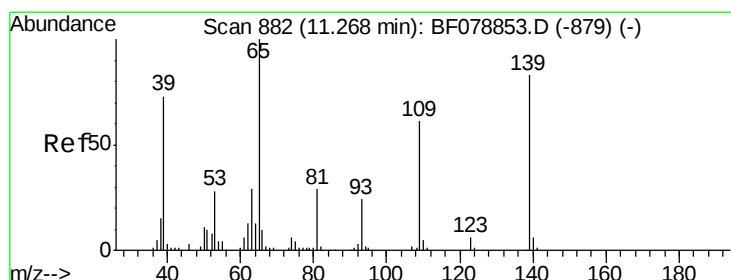
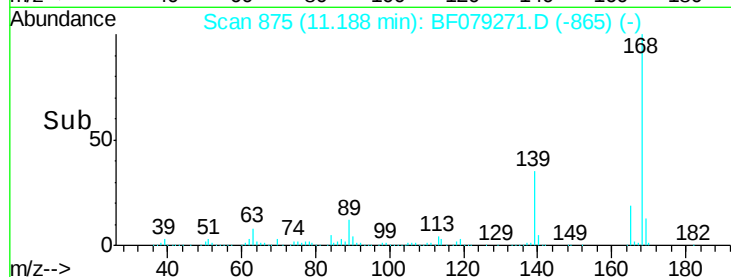
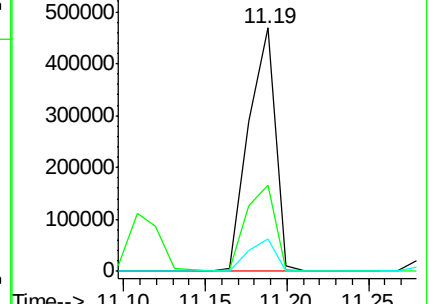
169 13.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 81.09 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

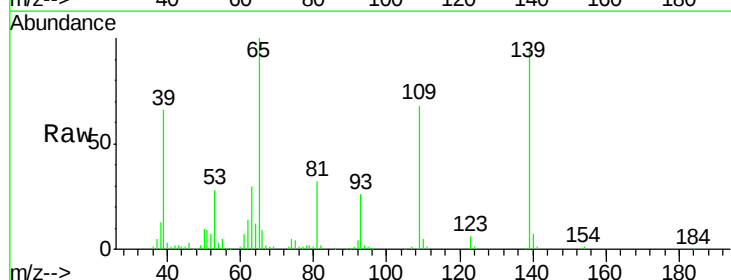
Tgt Ion:139 Resp: 150990

Ion Ratio Lower Upper

139 100

109 72.0 54.4 94.4

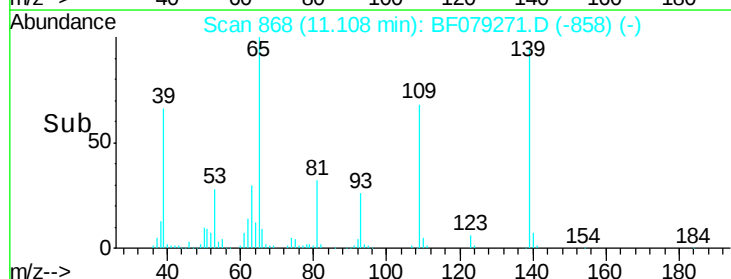
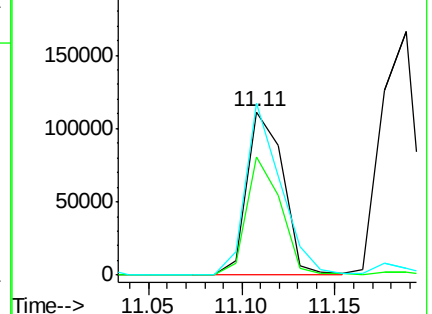
65 105.3 101.0 141.0

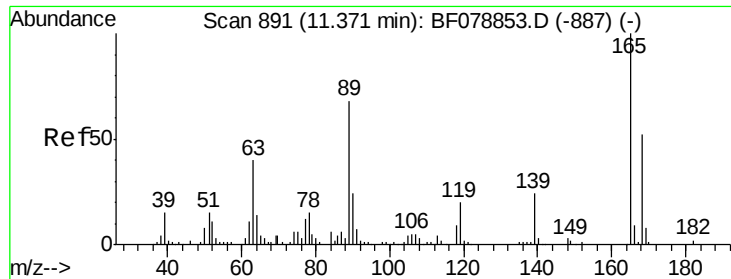


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

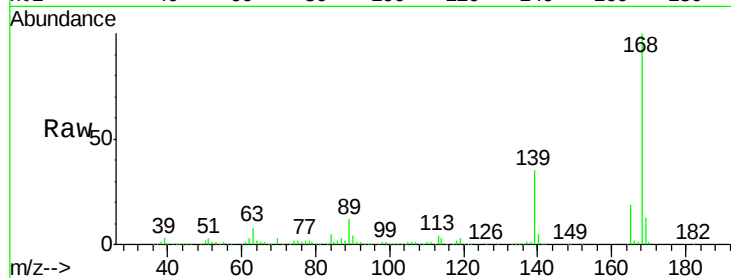




#56
2,4-Dinitrotoluene
Concen: 47.40 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	32.3	48.5
89	61.8	54.6	81.8
182	2.0	1.8	2.6

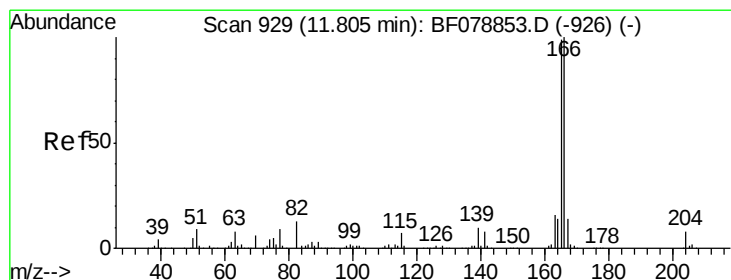
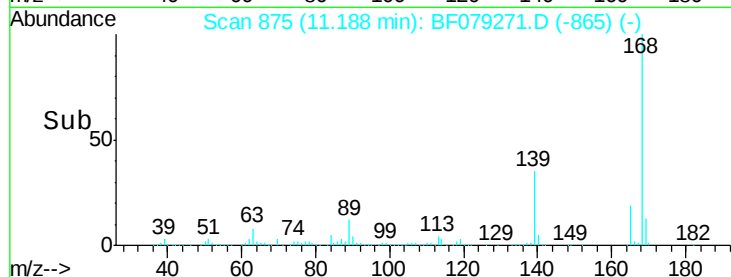
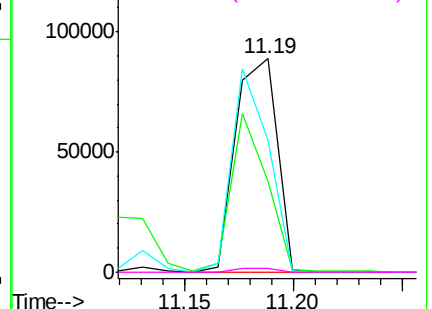


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

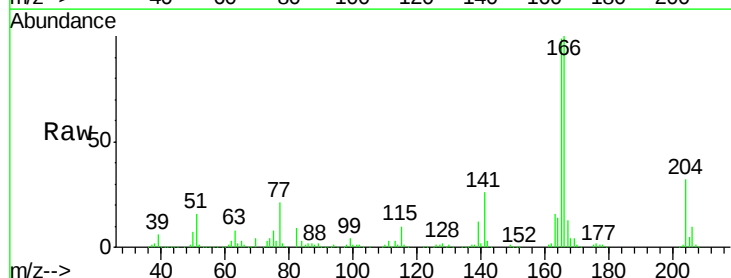
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 45.99 ng
RT: 11.61 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

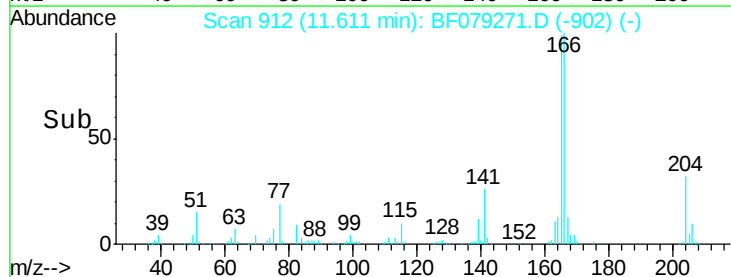
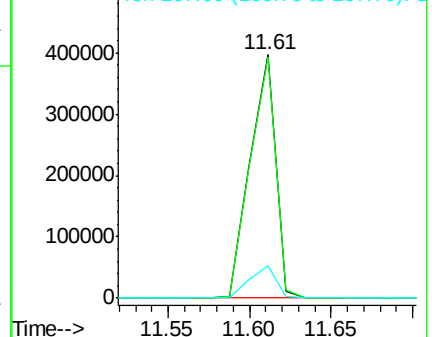
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.5	119.3
167	13.4	11.0	16.6

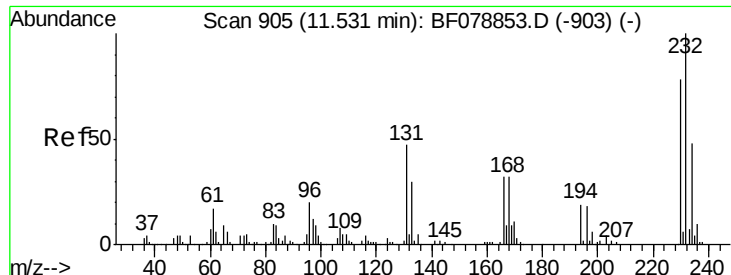


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

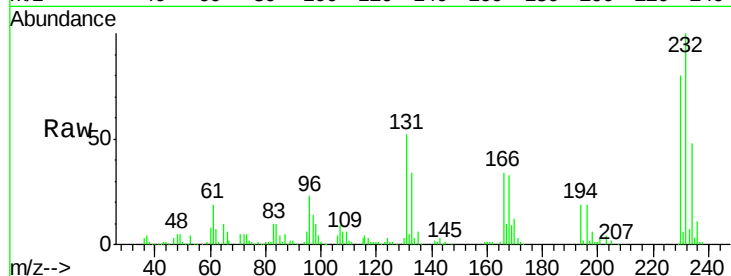




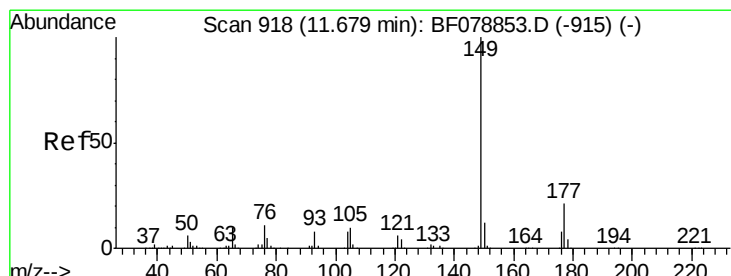
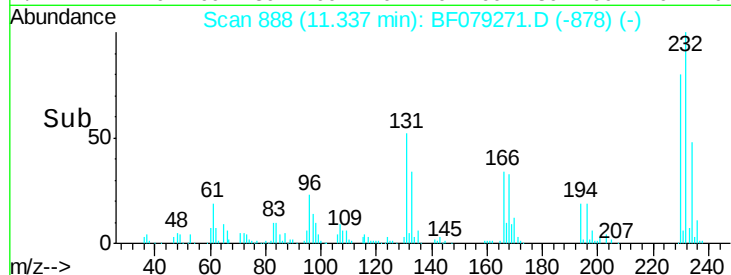
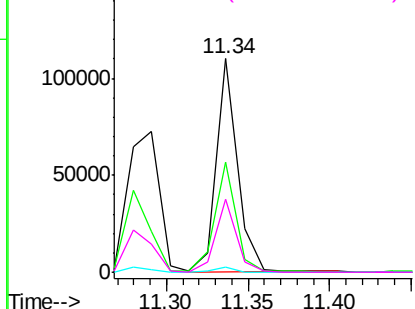
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.57 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion: 232 Resp: 98940
 Ion Ratio Lower Upper
 232 100
 131 53.1 41.9 62.9
 130 2.4 1.9 2.9
 166 33.9 27.0 40.6

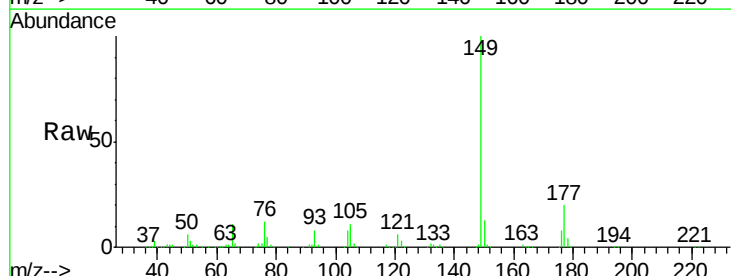


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

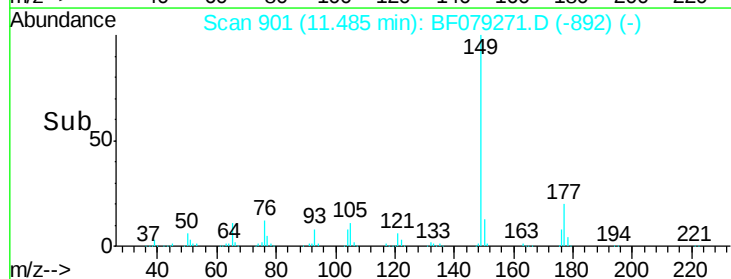
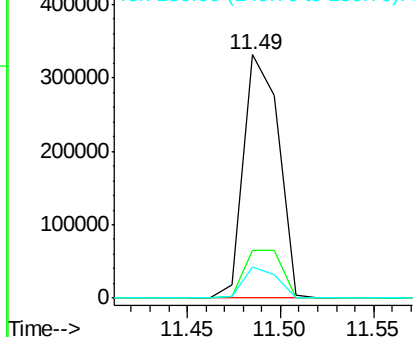


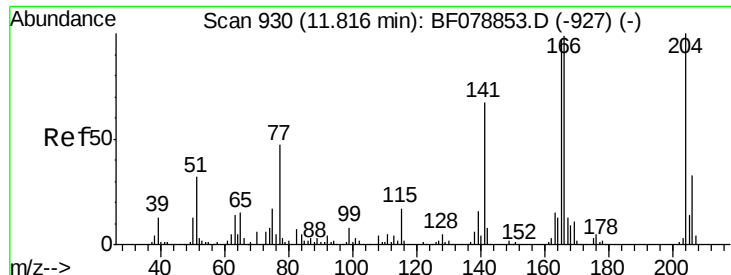
#59
 Diethylphthalate
 Concen: 45.72 ng
 RT: 11.49 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion: 149 Resp: 432279
 Ion Ratio Lower Upper
 149 100
 177 19.6 16.4 24.6
 150 12.7 9.8 14.6



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

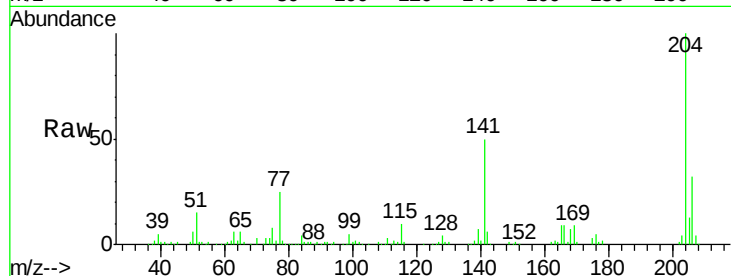




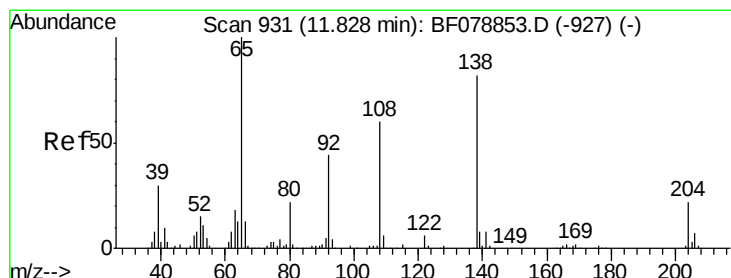
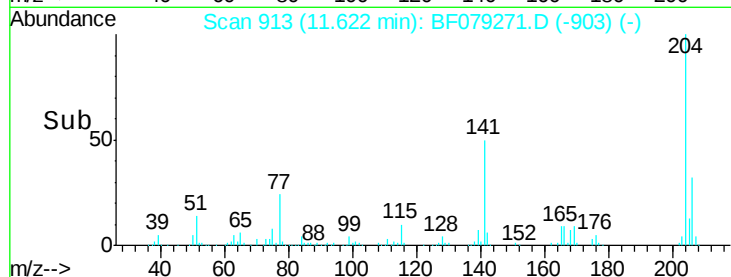
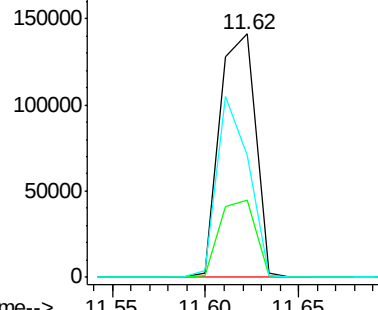
#60
 4-Chlorophenyl-phenylether
 Concen: 45.24 ng
 RT: 11.62 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion:204 Resp: 187848
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.2 39.4
 141 50.0 53.6 80.4#

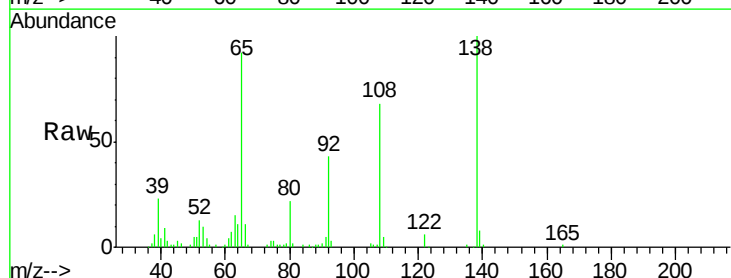


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

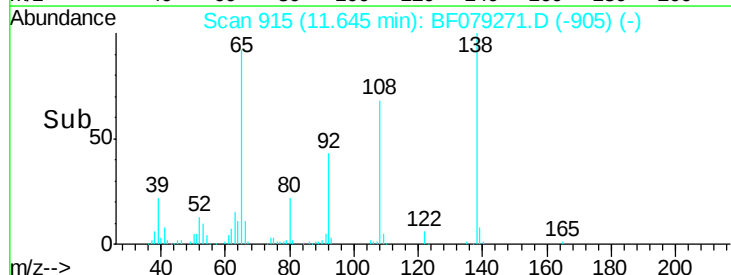
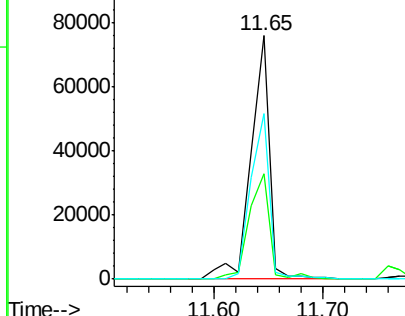


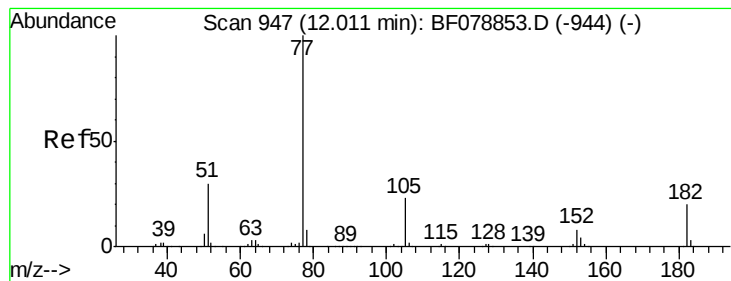
#61
 4-Nitroaniline
 Concen: 38.40 ng
 RT: 11.65 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:138 Resp: 90381
 Ion Ratio Lower Upper
 138 100
 92 43.2 33.7 73.7
 108 67.7 53.4 93.4



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





#62

Azobenzene

Concen: 45.84 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

Tgt Ion: 77 Resp: 427073

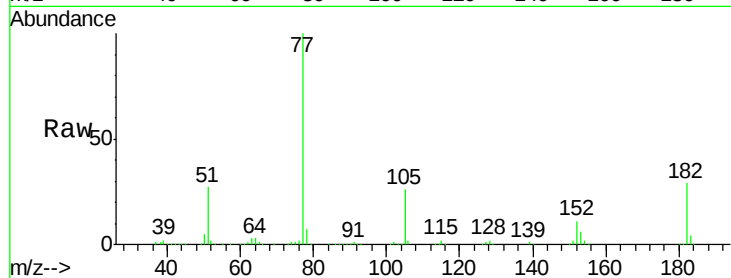
Ion Ratio Lower Upper

77 100

182 29.3 0.0 40.0

105 25.5 2.9 42.9

51 27.0 10.0 50.0

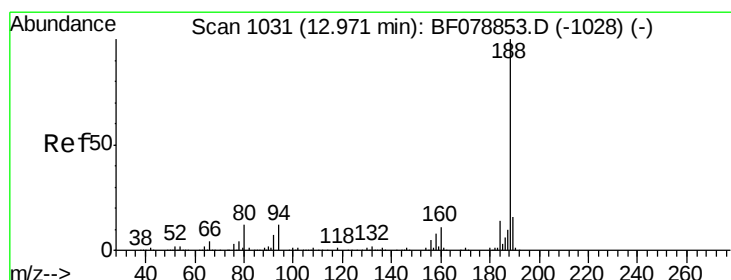
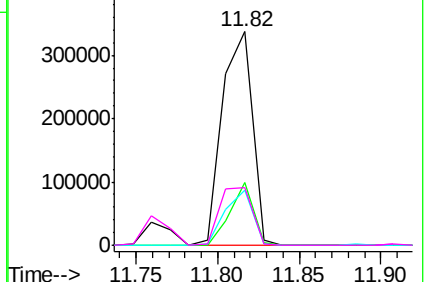
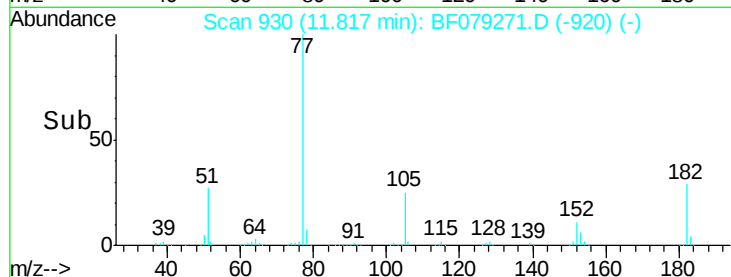


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

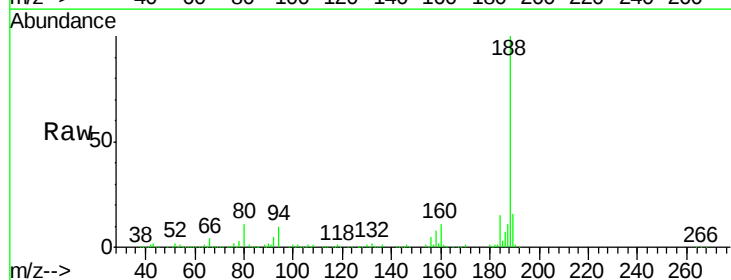
Tgt Ion: 188 Resp: 238225

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.0

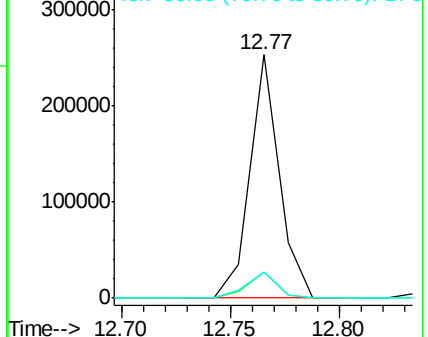
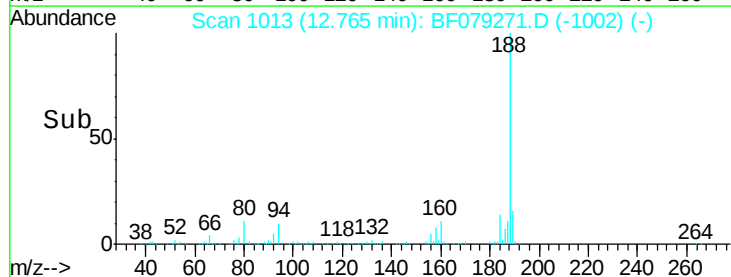
80 10.9 9.8 14.6

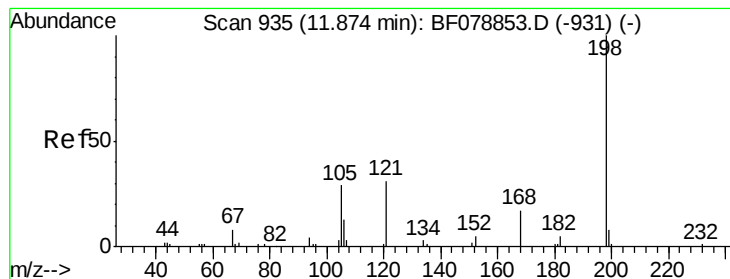


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 52.80 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

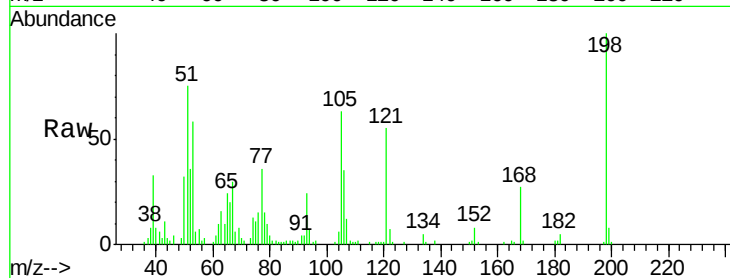
Tgt Ion:198 Resp: 54607

Ion Ratio Lower Upper

198 100

51 75.4 7.0 47.0#

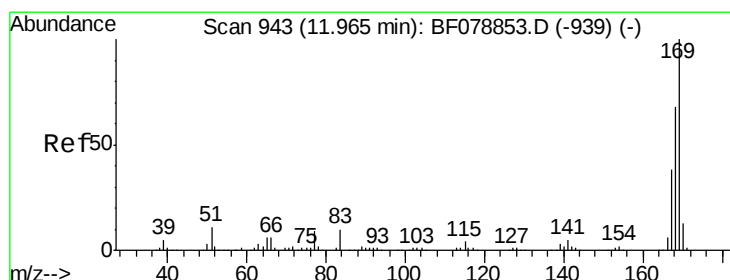
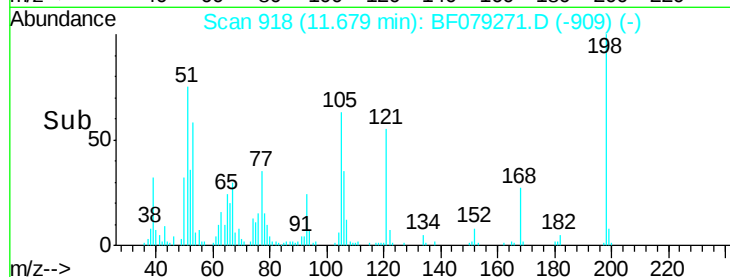
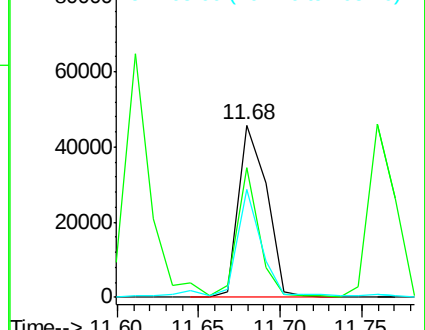
105 62.9 13.7 53.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.27 ng

RT: 11.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

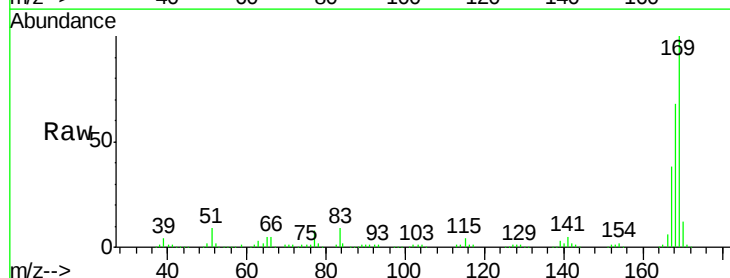
Tgt Ion:169 Resp: 367053

Ion Ratio Lower Upper

169 100

168 68.4 54.1 81.1

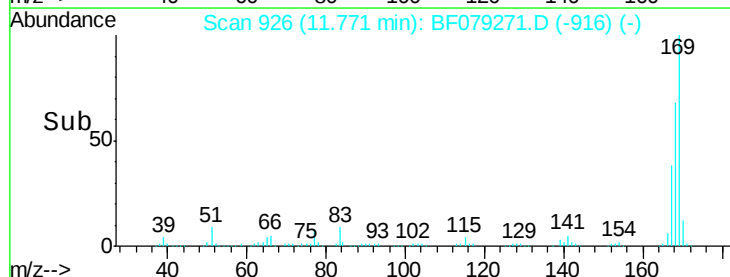
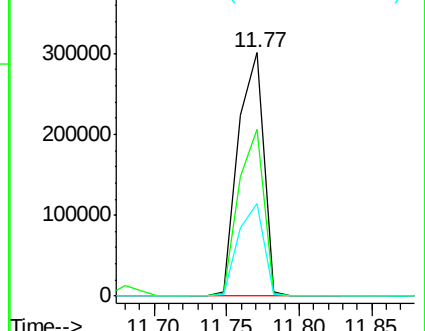
167 38.2 30.1 45.1

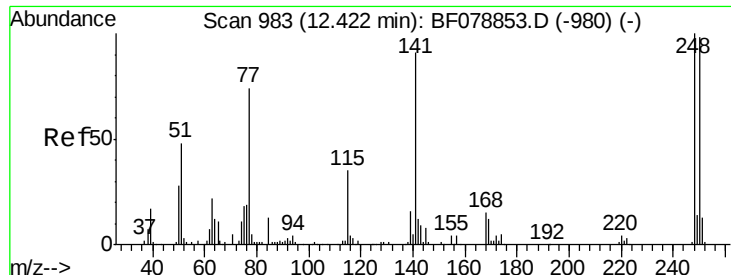


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

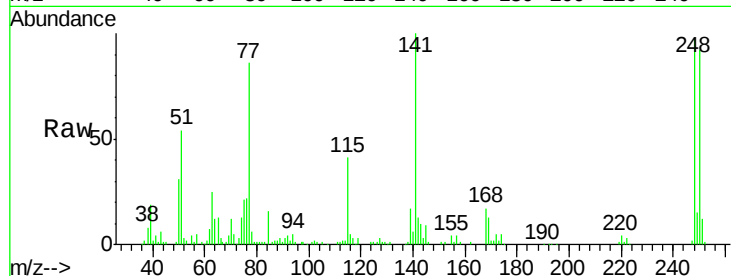




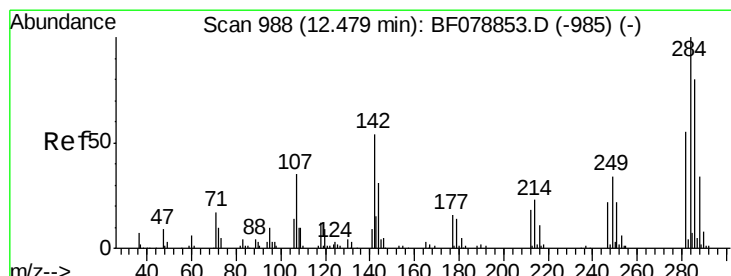
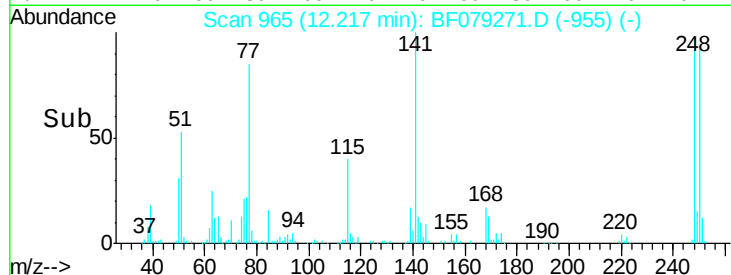
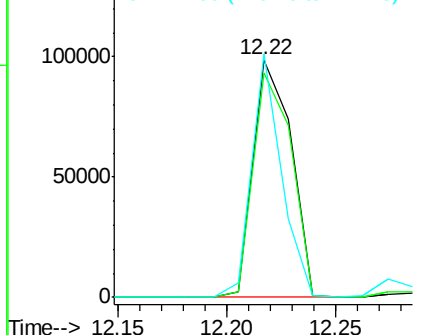
#66
 4-Bromophenyl-phenylether
 Concen: 48.63 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

Tgt Ion:248 Resp: 120753
 Ion Ratio Lower Upper
 248 100
 250 94.3 78.0 117.0
 141 102.6 72.6 109.0

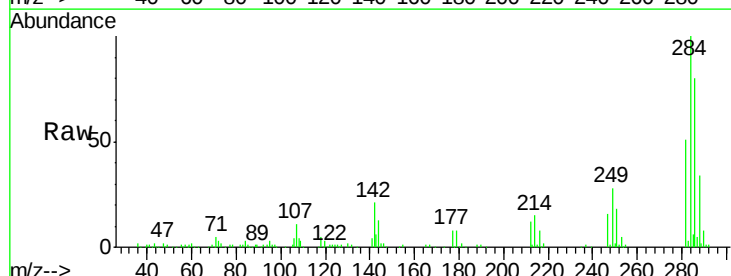


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

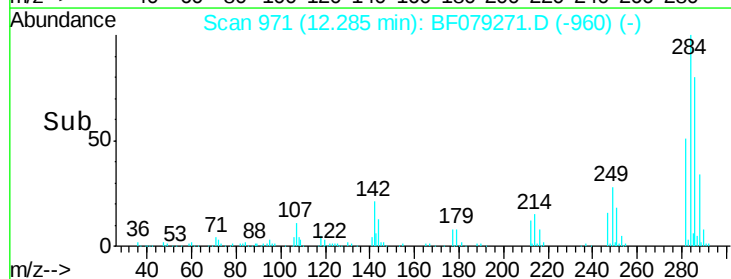
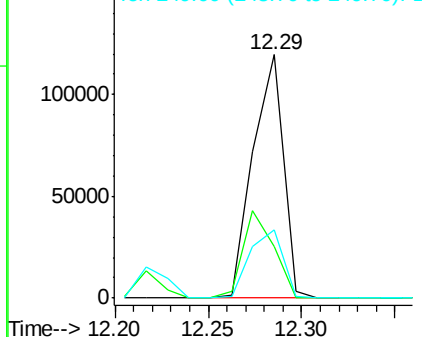


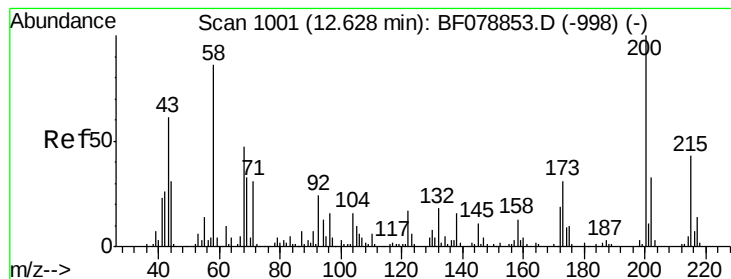
#67
 Hexachlorobenzene
 Concen: 47.47 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion:284 Resp: 134713
 Ion Ratio Lower Upper
 284 100
 142 21.4 43.2 64.8#
 249 28.0 27.5 41.3



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





#68

Atrazine

Concen: 49.84 ng

RT: 12.45 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

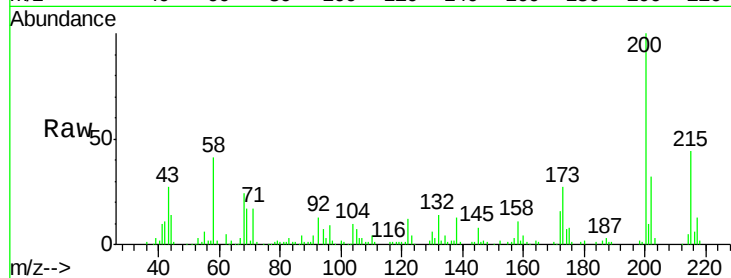
Tgt Ion:200 Resp: 114995

Ion Ratio Lower Upper

200 100

173 27.0 10.9 50.9

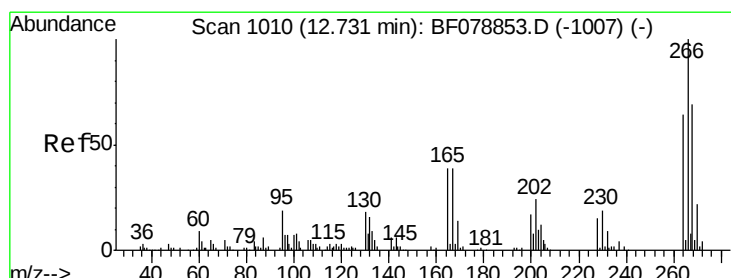
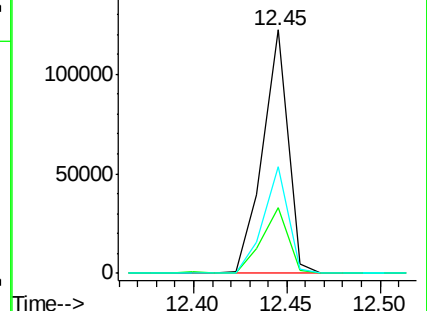
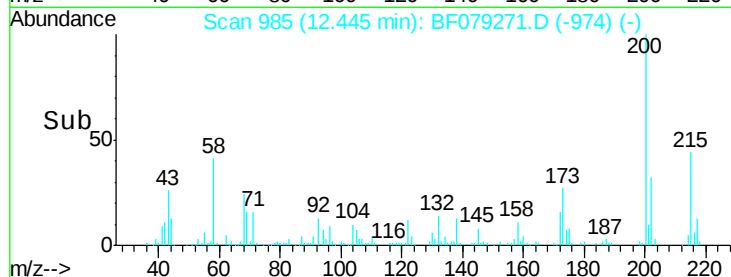
215 43.9 23.2 63.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 87.69 ng

RT: 12.54 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

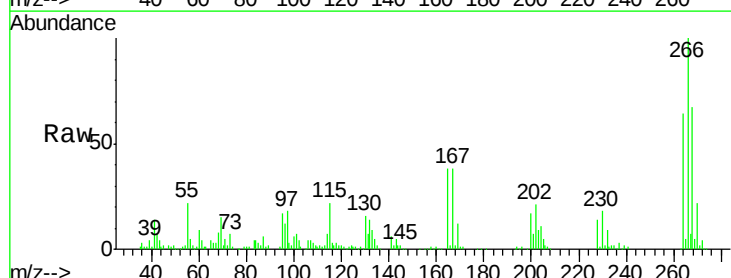
Tgt Ion:266 Resp: 146799

Ion Ratio Lower Upper

266 100

268 67.4 55.0 82.6

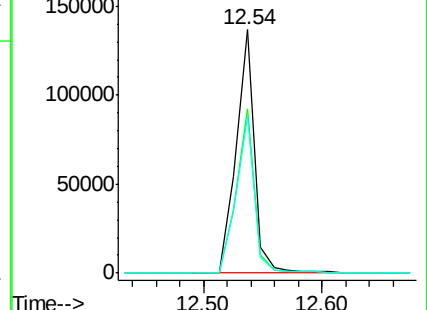
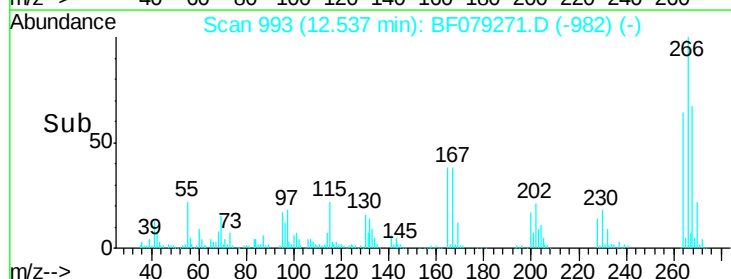
264 64.4 50.9 76.3

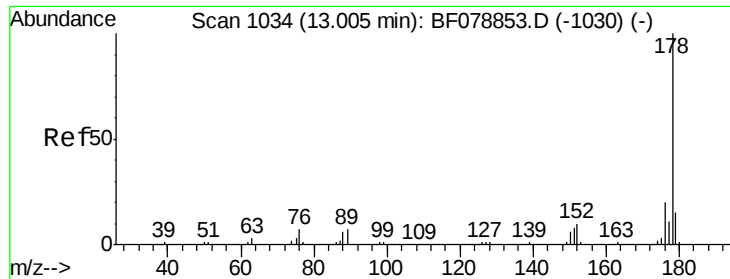


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 46.44 ng

RT: 12.80 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

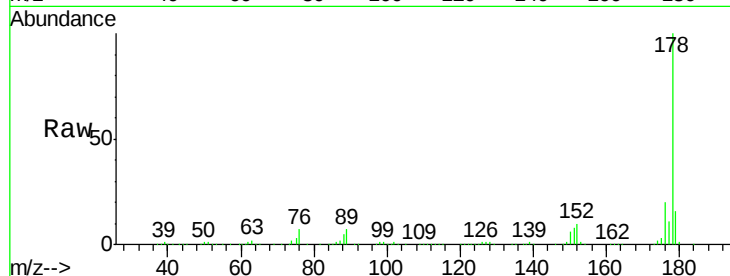
Tgt Ion:178 Resp: 618885

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

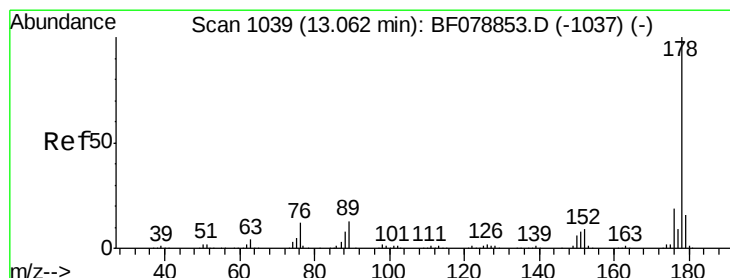
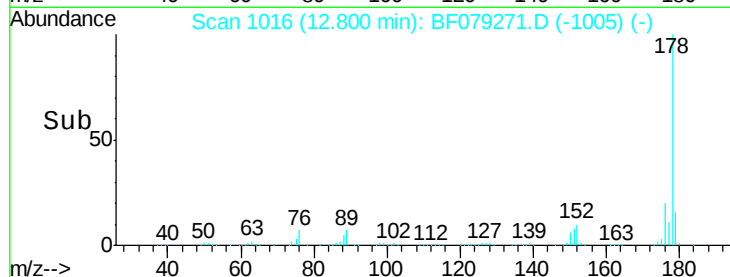
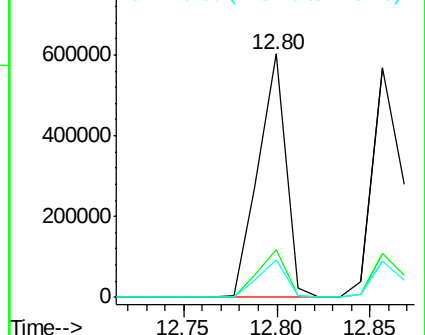
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.81 ng

RT: 12.86 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

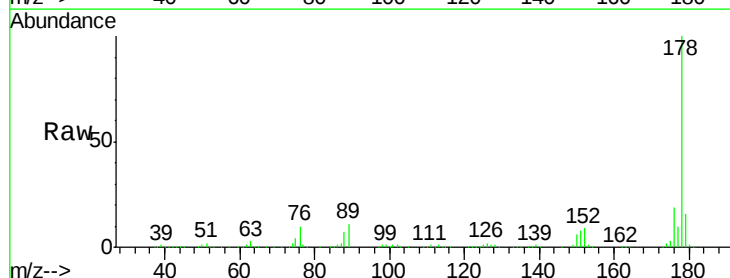
Tgt Ion:178 Resp: 611970

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

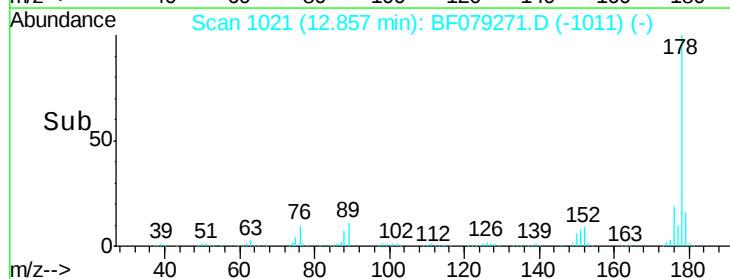
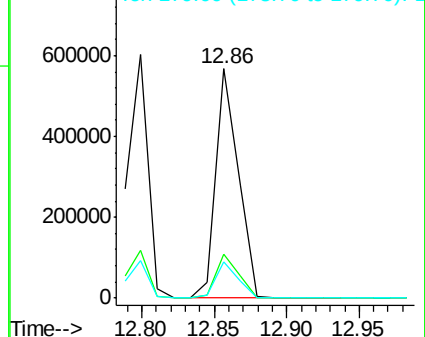
179 16.1 12.6 19.0

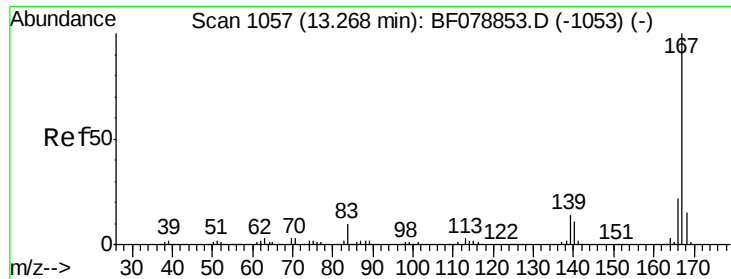


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 46.61 ng

RT: 13.06 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

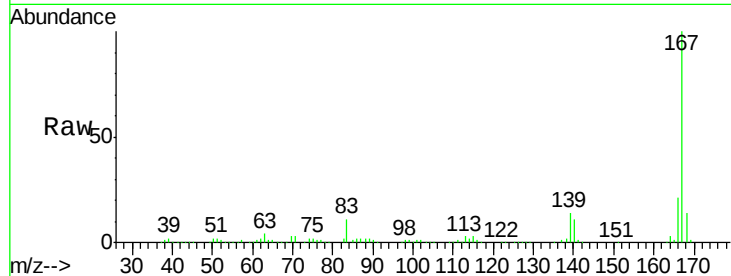
Tgt Ion:167 Resp: 580833

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

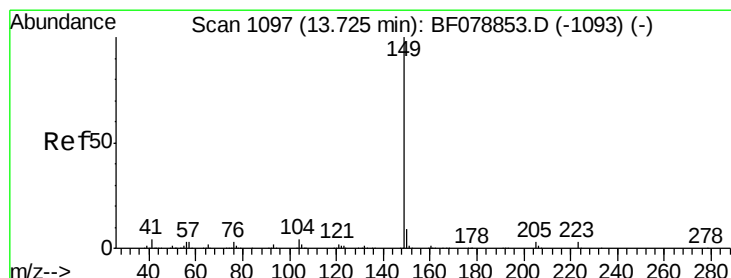
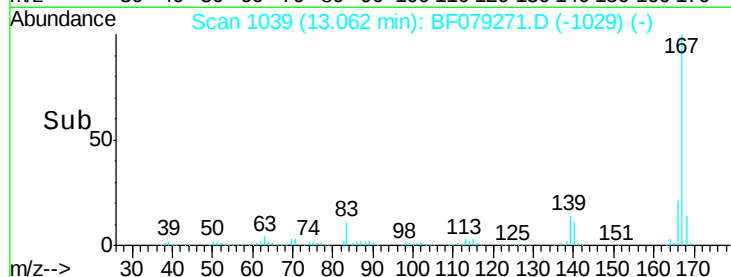
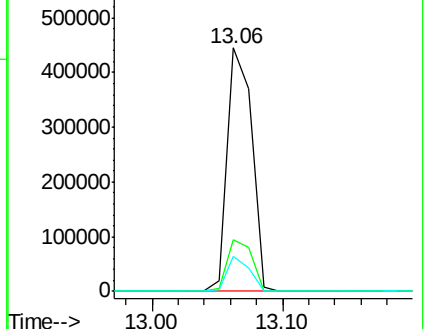
139 14.4 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.98 ng

RT: 13.52 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

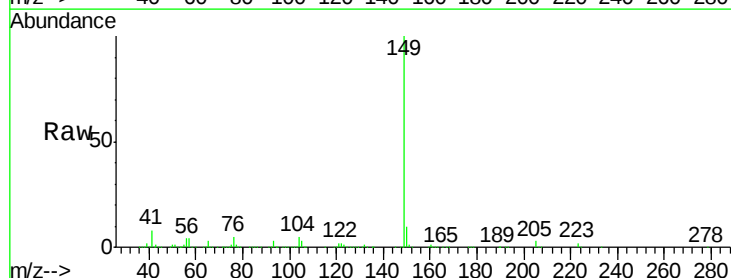
Tgt Ion:149 Resp: 717024

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.4

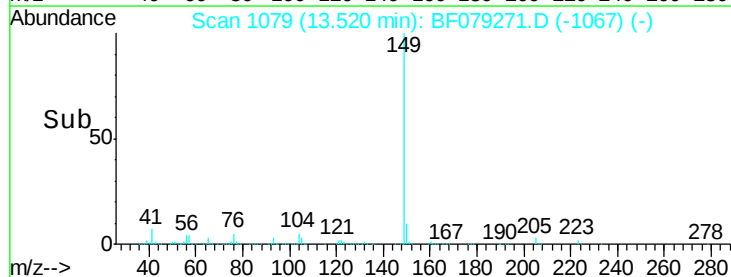
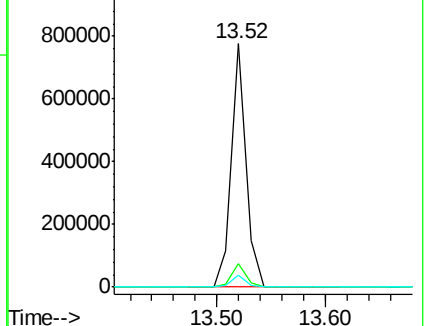
104 4.9 3.3 4.9

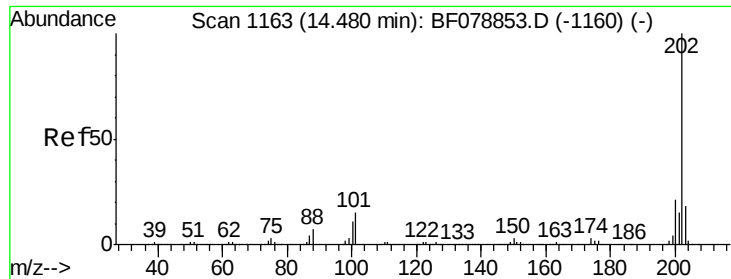


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

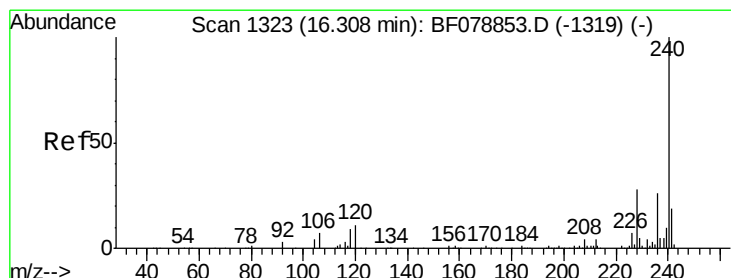
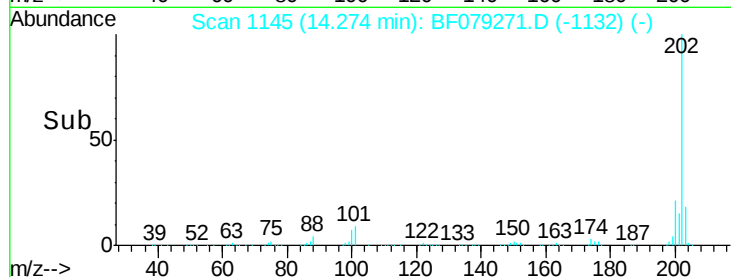
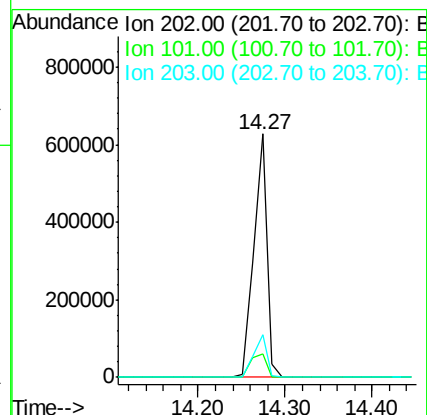
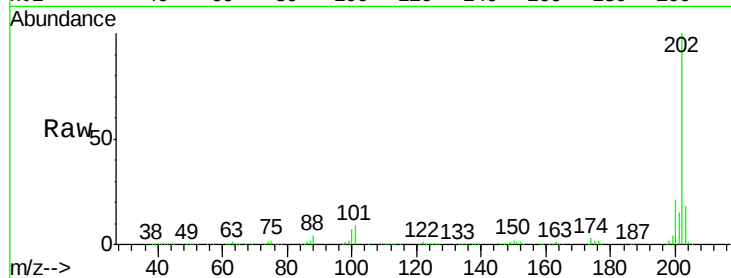




#74
 Fluoranthene
 Concen: 47.95 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

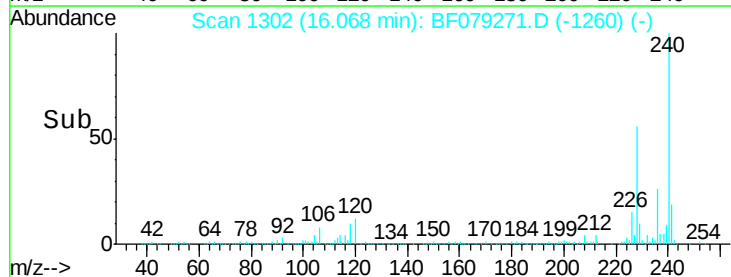
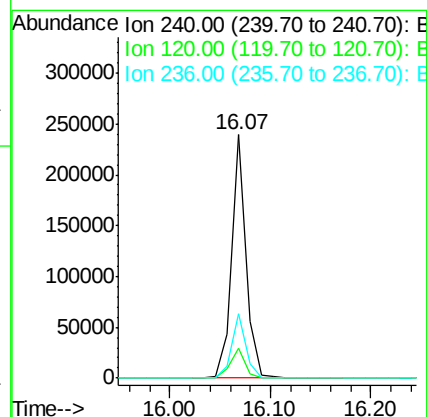
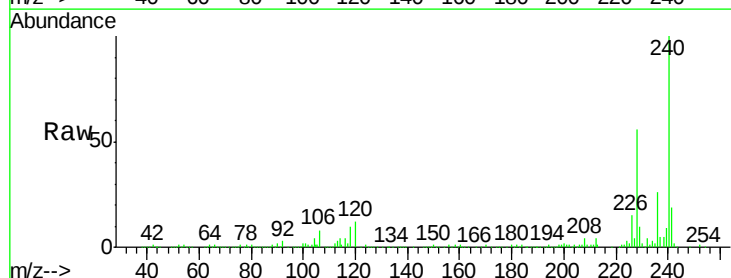
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMS

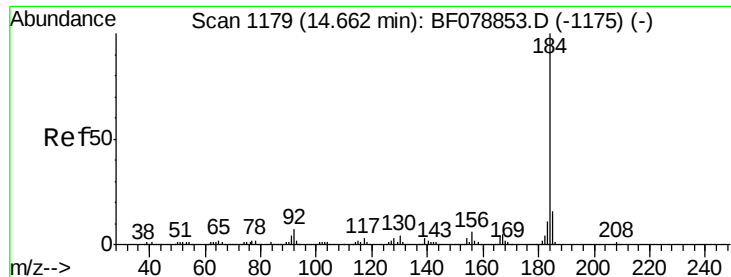
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.7
203	17.5	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF079271.D
 Acq: 15 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	12.8
236	26.2	21.0	31.6





#76

Benzidine

Concen: 13.09 ng

RT: 14.46 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

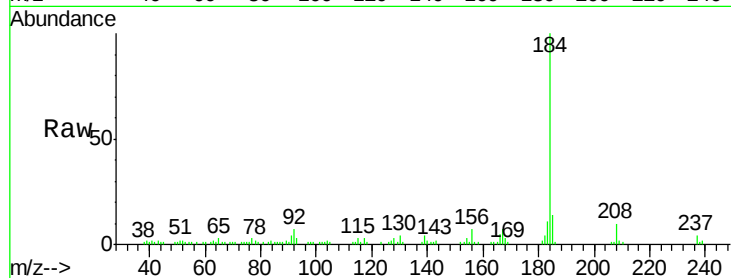
Tgt Ion:184 Resp: 83738

Ion Ratio Lower Upper

184 100

185 14.2 12.8 19.2

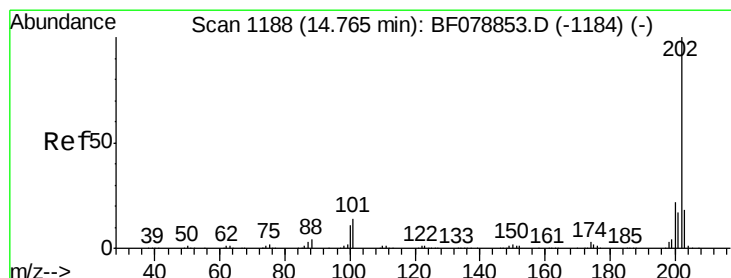
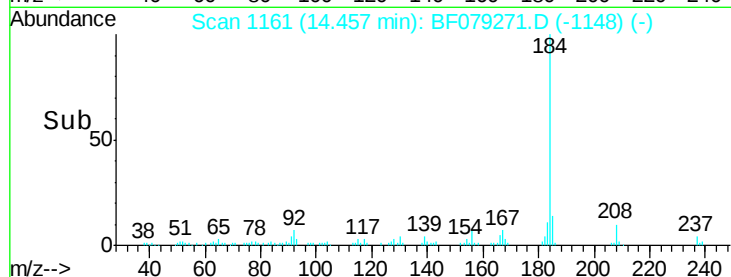
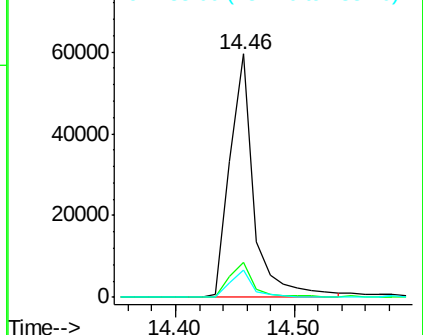
183 11.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 47.78 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

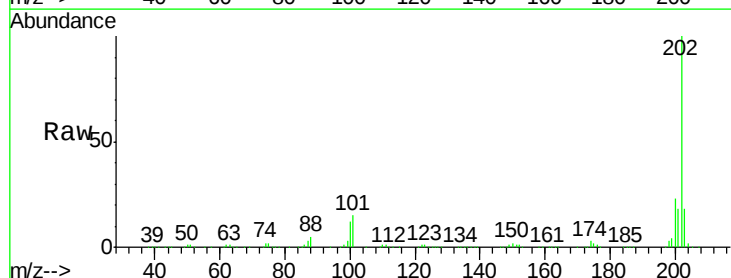
Tgt Ion:202 Resp: 653678

Ion Ratio Lower Upper

202 100

200 22.6 17.5 26.3

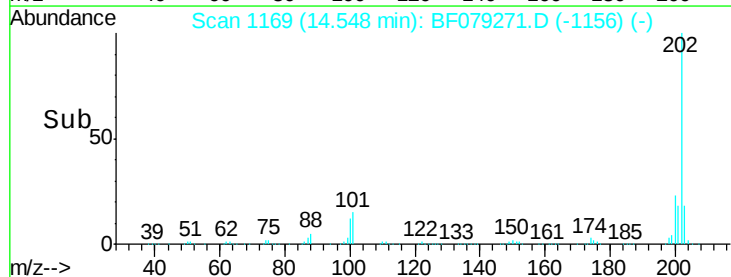
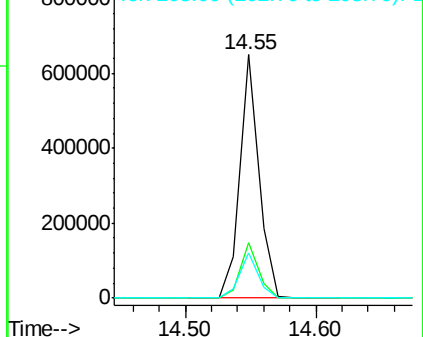
203 18.3 14.7 22.1

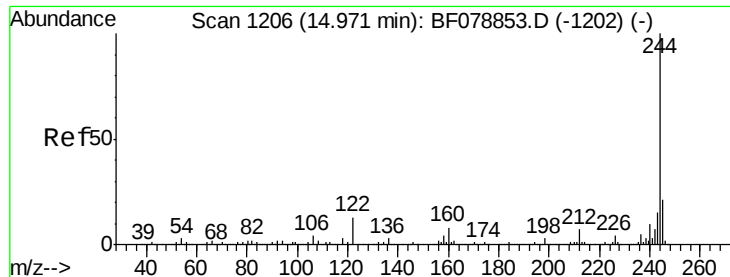


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.01 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

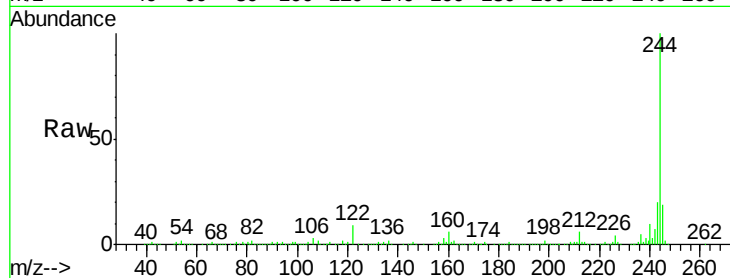
Tgt Ion:244 Resp: 872778

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

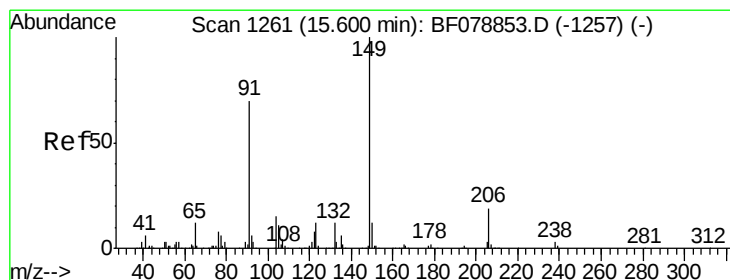
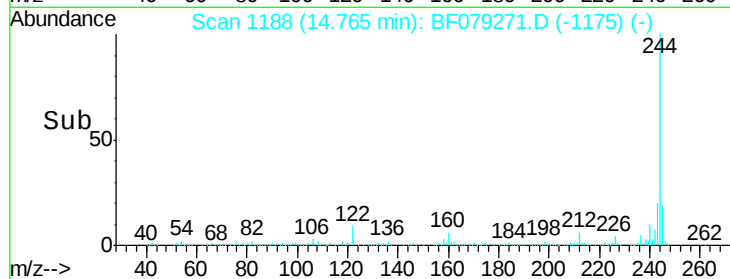
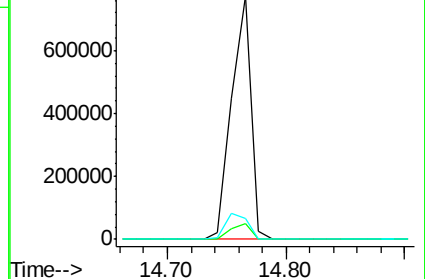
122 8.7 10.5 15.7#



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: 58.61 ng

RT: 15.38 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

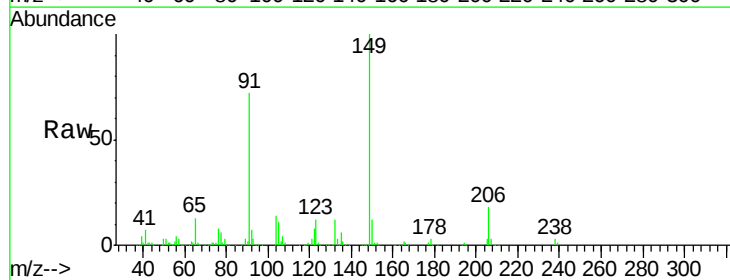
Tgt Ion:149 Resp: 350515

Ion Ratio Lower Upper

149 100

91 72.1 56.2 84.2

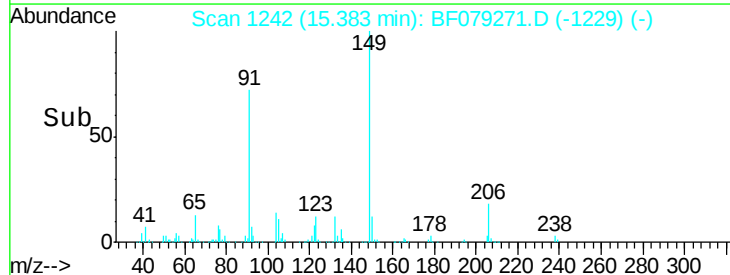
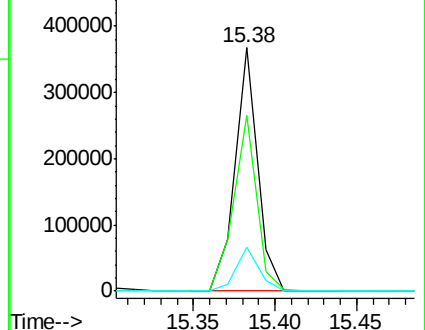
206 18.0 15.2 22.8

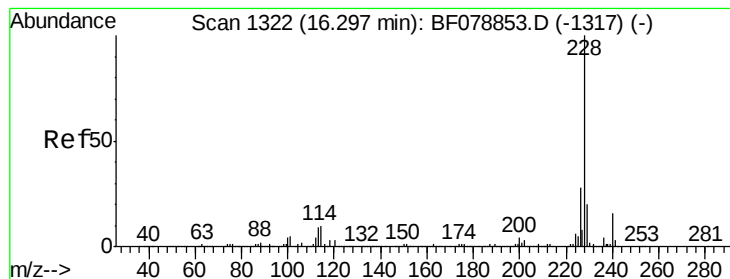


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.57 ng

RT: 16.06 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

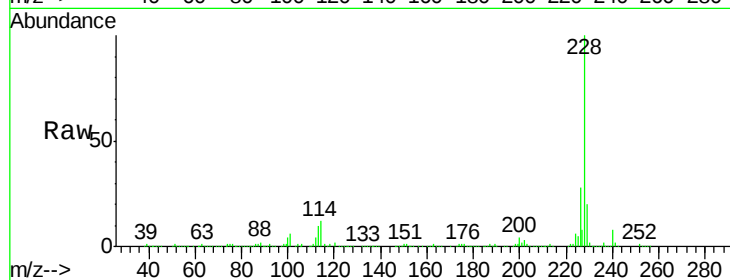
Tgt Ion:228 Resp: 592435

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

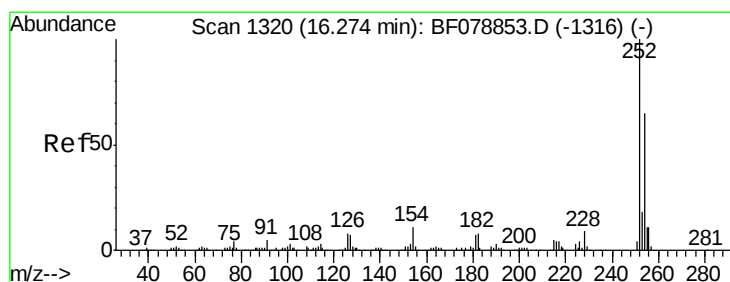
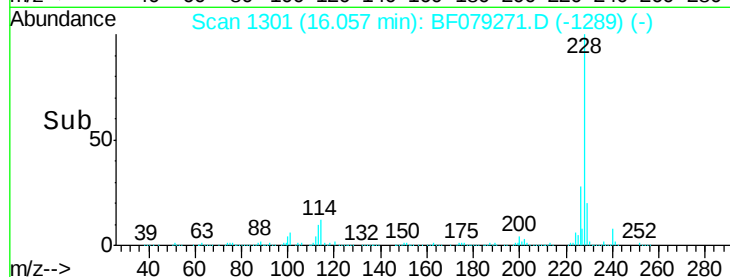
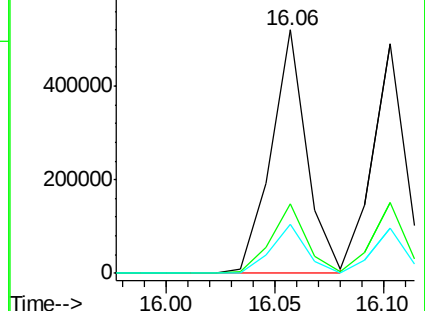
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.39 ng

RT: 16.03 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

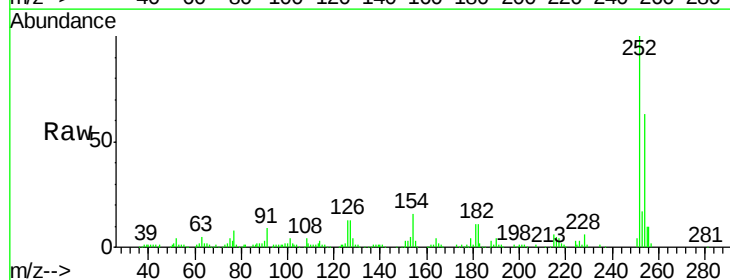
Tgt Ion:252 Resp: 159272

Ion Ratio Lower Upper

252 100

254 63.1 52.2 78.2

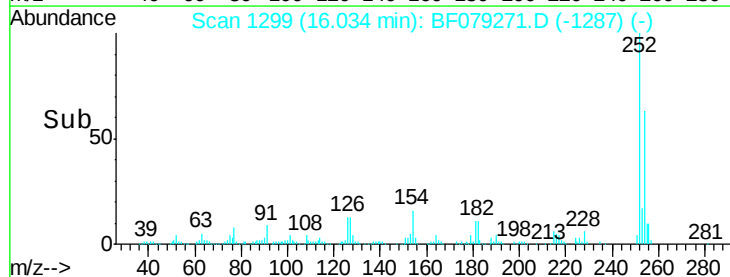
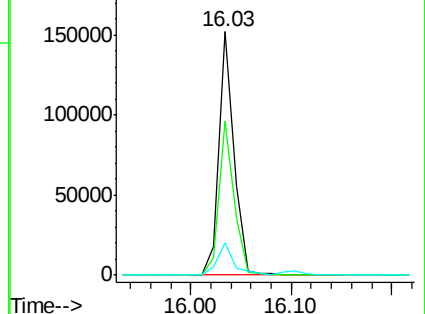
126 13.4 6.6 9.8#

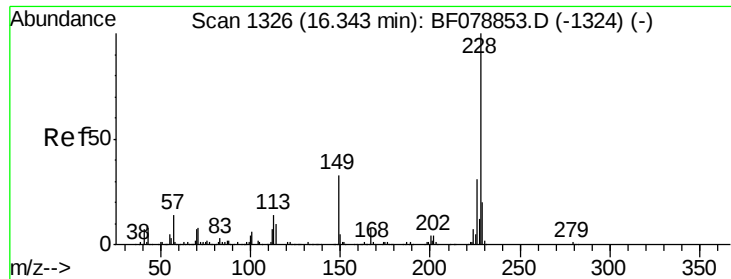


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.06 ng

RT: 16.10 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

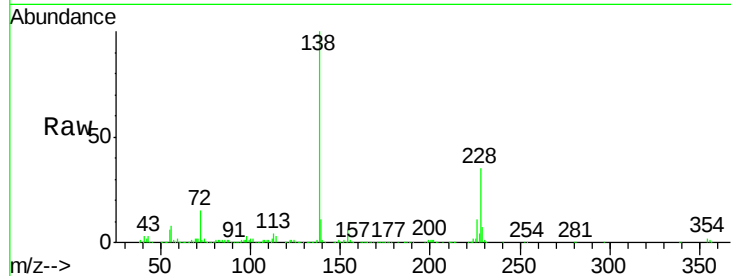
Tgt Ion:228 Resp: 513451

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

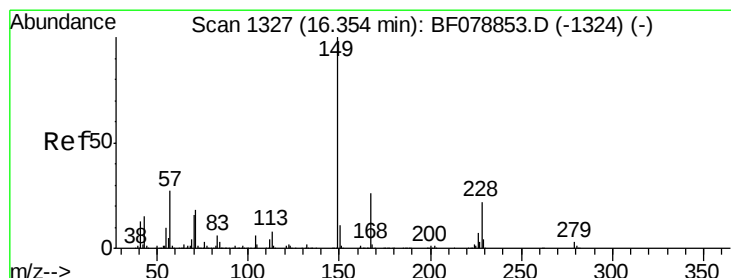
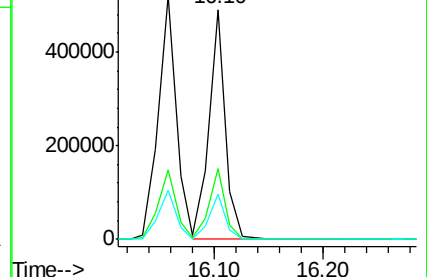
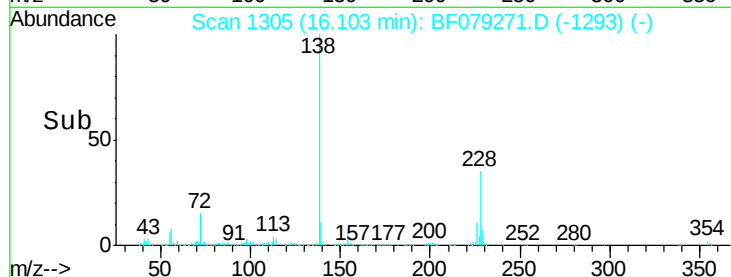
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 59.22 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

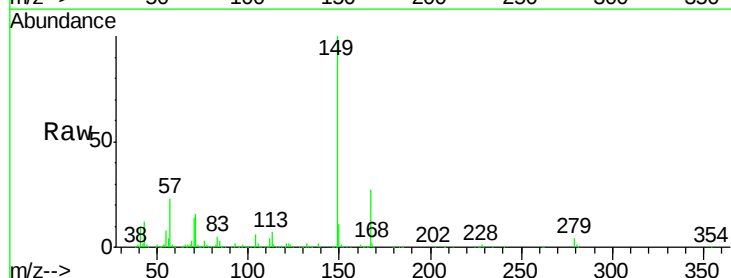
Tgt Ion:149 Resp: 536433

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

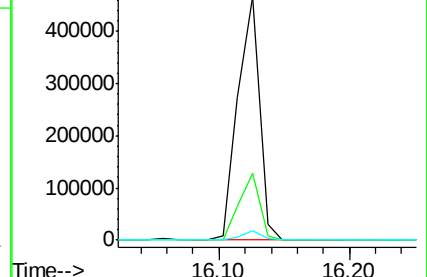
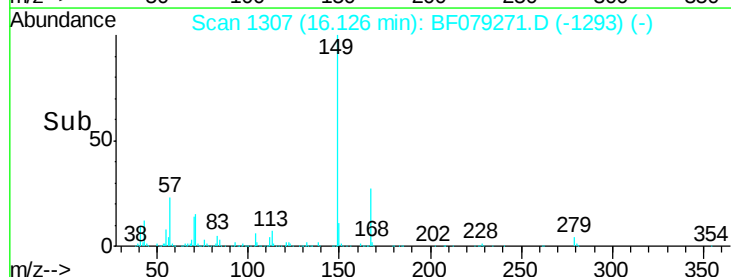
279 3.7 2.6 4.0

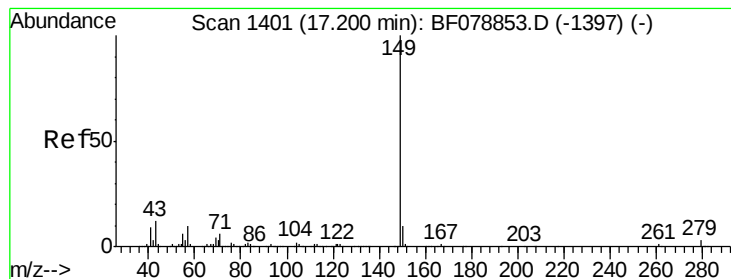


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.15 ng

RT: 16.95 min Scan# 1379

Delta R.T. -0.05 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

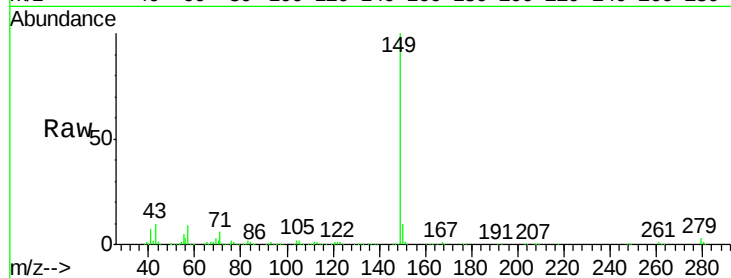
Tgt Ion:149 Resp: 784103

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

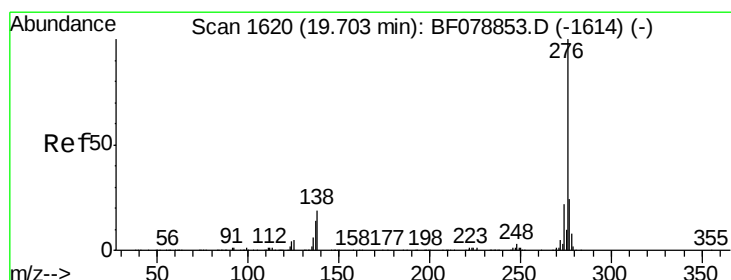
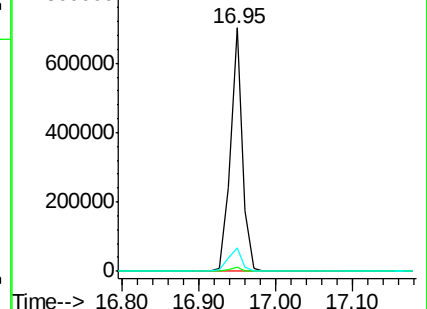
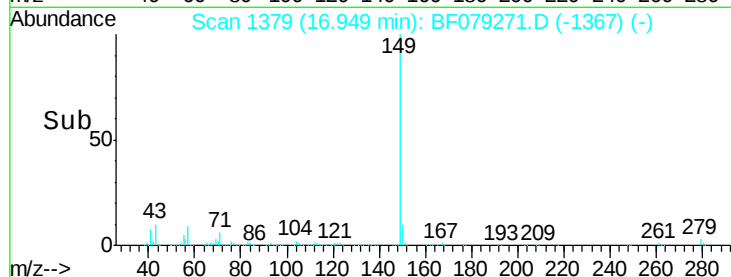
43 10.4 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.30 ng

RT: 19.29 min Scan# 1584

Delta R.T. -0.07 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

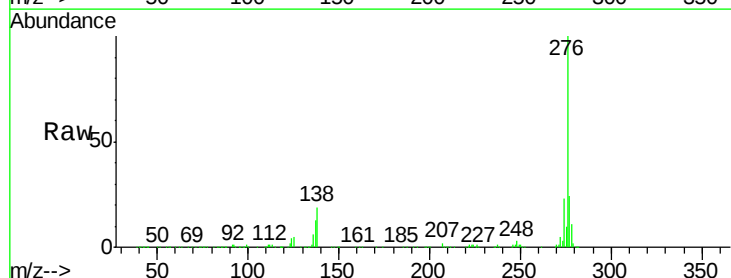
Tgt Ion:276 Resp: 705903

Ion Ratio Lower Upper

276 100

138 25.6 21.1 31.7

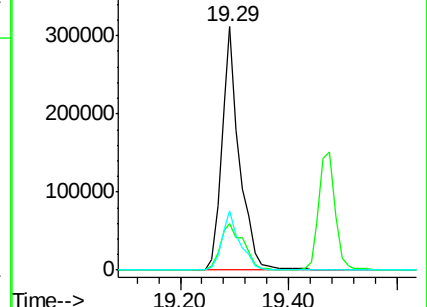
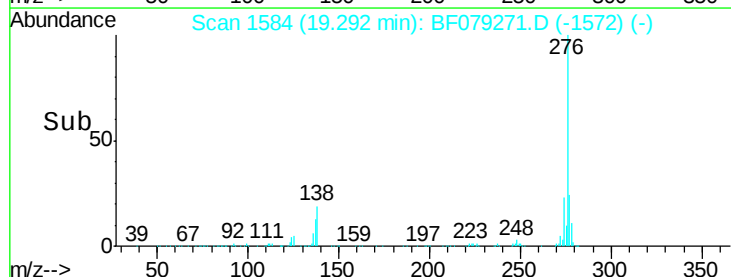
277 25.1 19.9 29.9

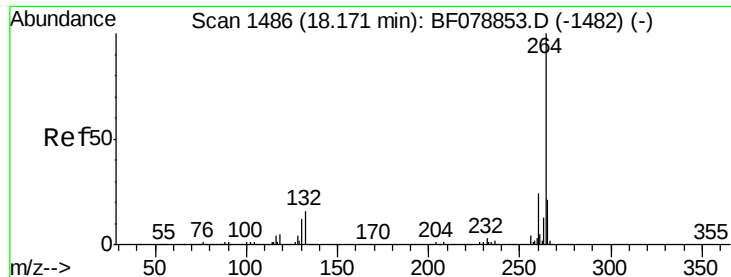


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

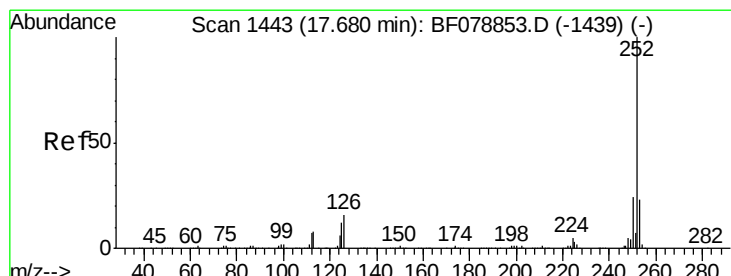
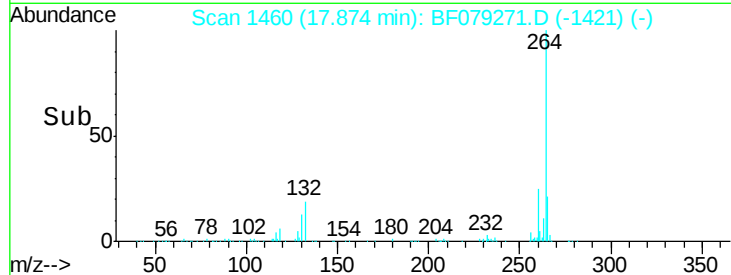
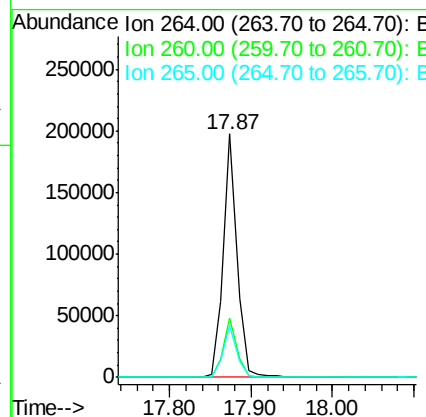
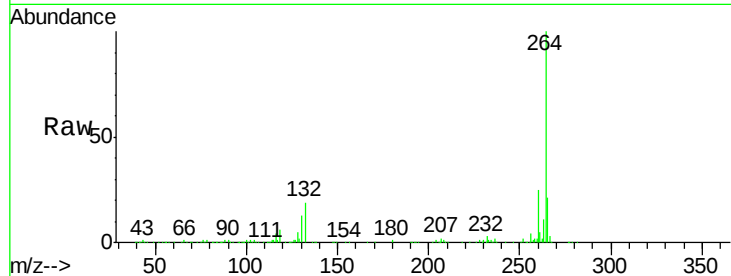




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.06 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

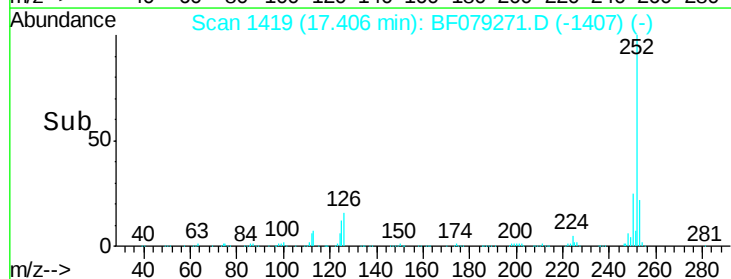
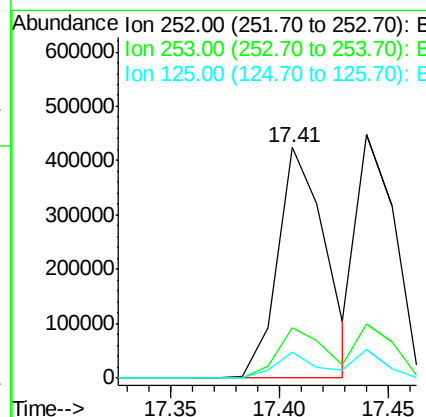
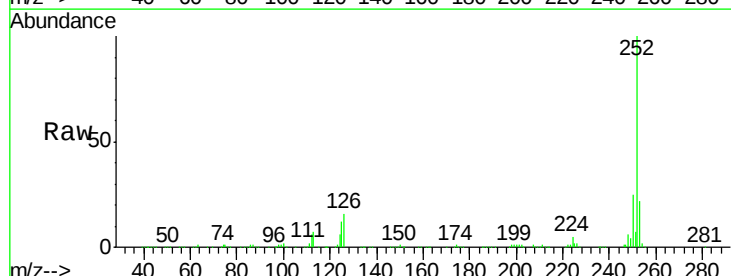
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMS

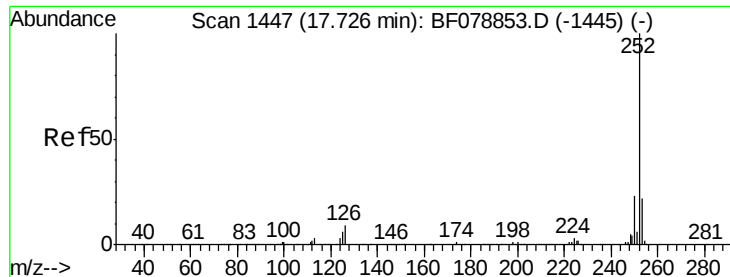
Tgt Ion: 264 Resp: 231709
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 51.05 ng
RT: 17.41 min Scan# 1419
Delta R.T. -0.05 min
Lab File: BF079271.D
Acq: 15 May 2015 15:52

Tgt Ion: 252 Resp: 647460
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.5 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 44.99 ng

RT: 17.44 min Scan# 1422

Delta R.T. -0.06 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

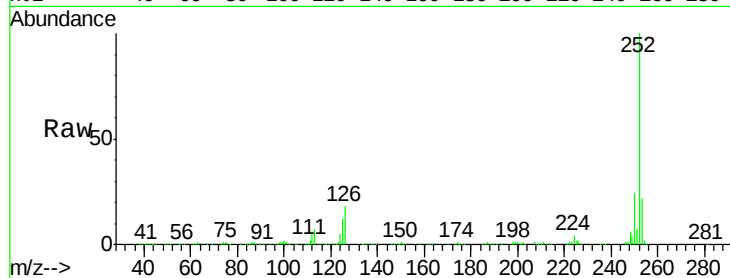
Tgt Ion:252 Resp: 552383

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

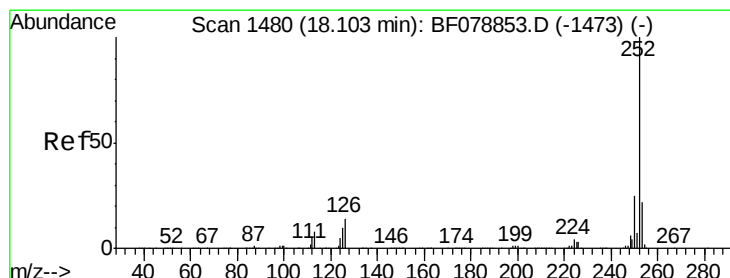
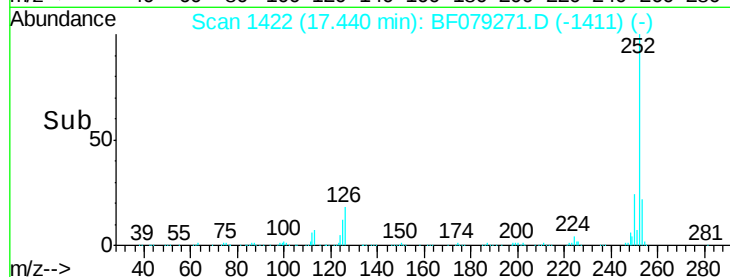
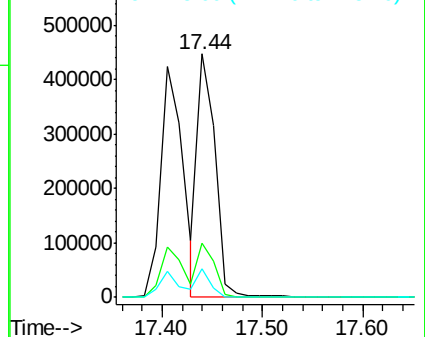
125 11.6 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 49.91 ng

RT: 17.81 min Scan# 1454

Delta R.T. -0.06 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

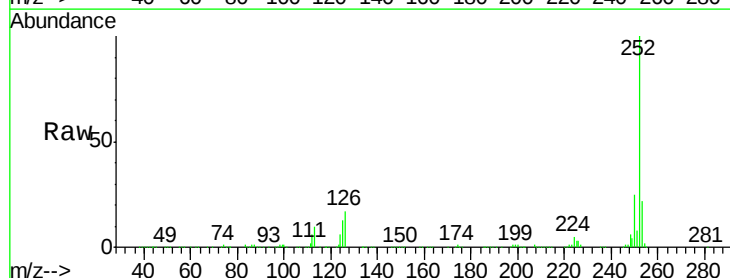
Tgt Ion:252 Resp: 582881

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

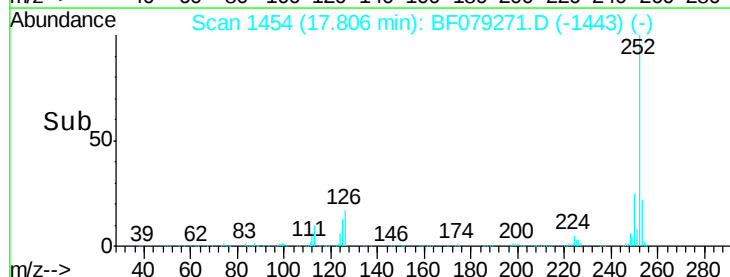
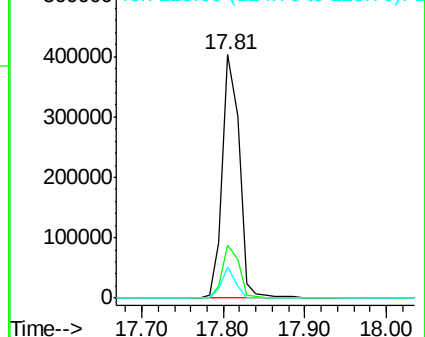
125 12.6 8.2 12.2#

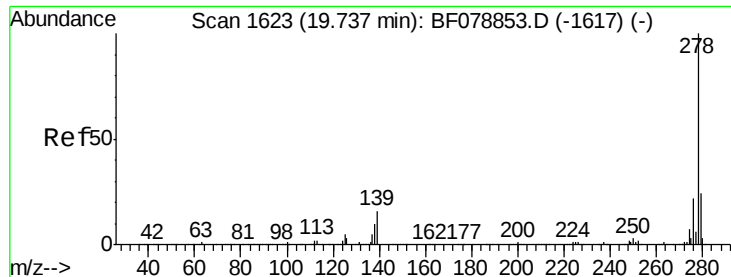


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 45.81 ng

RT: 19.31 min Scan# 1586

Delta R.T. -0.08 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMS

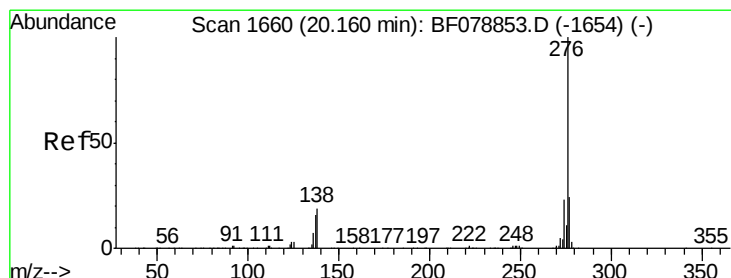
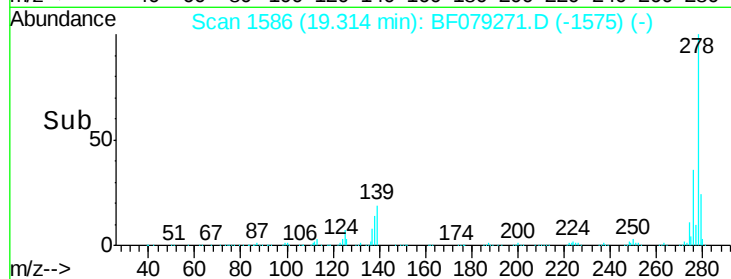
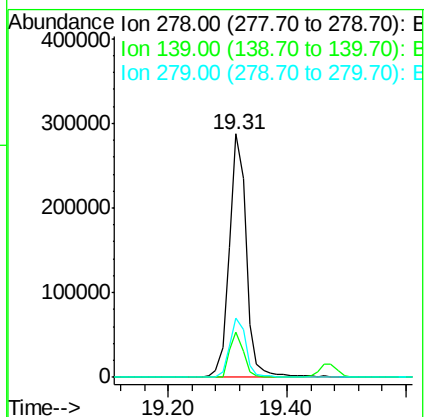
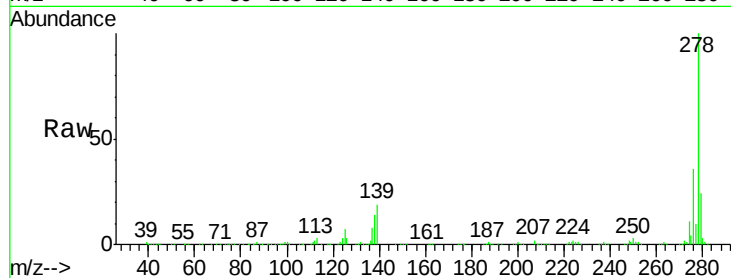
Tgt Ion:278 Resp: 568541

Ion Ratio Lower Upper

278 100

139 18.6 13.1 19.7

279 24.2 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 47.31 ng

RT: 19.70 min Scan# 1620

Delta R.T. -0.08 min

Lab File: BF079271.D

Acq: 15 May 2015 15:52

Tgt Ion:276 Resp: 588542

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.5 15.2 22.8

