

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083863.D
 Acq On : 16 Dec 2015 22:12
 Operator : UM/SJ
 Sample : G4775-24MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

Quant Time: Dec 17 03:26:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	89725	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	369096	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	166868	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	306808	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	177140	20.00	ng	-0.02
86) Perylene-d12	15.48	264	172956	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	791982	142.40	ng	-0.01
7) Phenol-d6	6.53	99	1017831	144.51	ng	-0.01
23) Nitrobenzene-d5	7.46	82	612739	92.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	289704	170.38	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1028809	93.05	ng	-0.03
78) Terphenyl-d14	13.00	244	981936	119.24	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	95472	35.50	ng	# 82
3) Pyridine	3.30	79	294066	43.46	ng	85
4) n-Nitrosodimethylamine	3.25	42	115521	45.13	ng	# 64
6) Aniline	6.56	93	221965	23.20	ng	# 55
8) 2-Chlorophenol	6.68	128	300849	46.03	ng	90
9) Benzaldehyde	6.67	77	20427	5.40	ng	95
10) Phenol	6.56	94	329794	40.68	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	299009	50.93	ng	# 83
12) 1,3-Dichlorobenzene	6.91	146	326385	47.06	ng	98
13) 1,4-Dichlorobenzene	6.91	146	326385	46.57	ng	99
14) 1,2-Dichlorobenzene	7.07	146	319446	50.72	ng	98
15) Benzyl Alcohol	7.04	79	255579	49.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	307575	40.35	ng	71
17) 2-Methylphenol	7.15	107	263109	50.07	ng	# 87
18) Hexachloroethane	7.41	117	125122	50.27	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	203135	47.10	ng	91
20) 3+4-Methylphenols	7.31	107	306815	49.46	ng	# 68
22) Acetophenone	7.31	105	412194	45.52	ng	# 98
24) Nitrobenzene	7.48	77	346586	50.47	ng	# 79
25) Isophorone	7.72	82	586490	45.31	ng	# 90
26) 2-Nitrophenol	7.79	139	158408	48.02	ng	89
27) 2,4-Dimethylphenol	7.84	122	288313	44.48	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	347076	46.99	ng	# 98
29) 2,4-Dichlorophenol	8.04	162	276965	52.05	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	263499	47.75	ng	96
31) Naphthalene	8.20	128	910084	47.30	ng	99
32) Benzoic acid	7.93	122	42968	10.64	ng	91
34) Hexachlorobutadiene	8.33	225	151558	50.05	ng	98
35) Caprolactam	8.61	113	56544	33.09	ng	# 65
36) 4-Chloro-3-methylphenol	8.74	107	295292	47.44	ng	90
37) 2-Methylnaphthalene	8.89	142	579384	47.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	232773	47.29	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	171959	68.94	ng	99
42) 2,4,6-Trichlorophenol	9.17	196	189243	52.52	ng	97

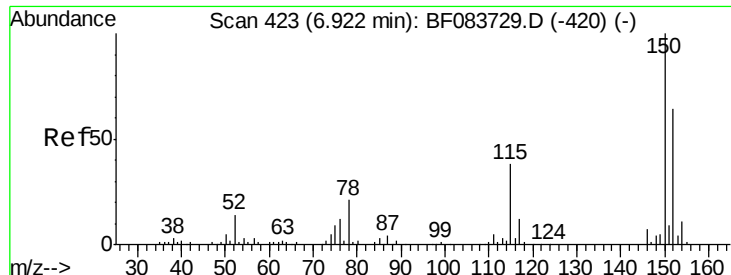
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
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Quant Time: Dec 17 03:26:19 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	178916	52.35	ng	# 90
45) 1,1'-Biphenyl	9.36	154	689747	46.64	ng	96
46) 2-Chloronaphthalene	9.38	162	513076	47.00	ng	# 92
47) 2-Nitroaniline	9.47	65	148506	47.97	ng	# 79
48) Acenaphthylene	9.79	152	848893	46.22	ng	100
49) Dimethylphthalate	9.66	163	949782	73.01	ng	99
50) 2,6-Dinitrotoluene	9.72	165	155426	56.29	ng	# 54
51) Acenaphthene	9.96	154	533399	48.04	ng	100
52) 3-Nitroaniline	9.88	138	96071	30.18	ng	# 75
53) 2,4-Dinitrophenol	9.98	184	67027	54.15	ng	# 80
54) Dibenzofuran	10.13	168	733862	49.88	ng	# 87
55) 4-Nitrophenol	10.05	139	212471	90.14	ng	83
56) 2,4-Dinitrotoluene	10.12	165	198522	55.04	ng	# 75
57) Fluorene	10.48	166	549606	47.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	152794	59.60	ng	# 100
59) Diethylphthalate	10.36	149	672844	51.09	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	272858	51.65	ng	95
61) 4-Nitroaniline	10.50	138	141759	50.52	ng	93
62) Azobenzene	10.64	77	639066	53.23	ng	87
64) 4,6-Dinitro-2-methylphenol	10.53	198	93813	53.74	ng	# 56
65) n-Nitrosodiphenylamine	10.59	169	490616	46.76	ng	98
66) 4-Bromophenyl-phenylether	10.96	248	165821	48.34	ng	# 74
67) Hexachlorobenzene	11.04	284	196187	52.85	ng	# 81
68) Atrazine	11.12	200	156150	52.30	ng	97
69) Pentachlorophenol	11.22	266	174259	83.23	ng	100
70) Phenanthrene	11.44	178	781741	47.96	ng	99
71) Anthracene	11.49	178	839027	49.56	ng	99
72) Carbazole	11.64	167	725100	45.97	ng	# 96
73) Di-n-butylphthalate	11.97	149	937653	48.95	ng	99
74) Fluoranthene	12.62	202	809541	48.07	ng	99
76) Benzidine	12.74	184	281203	52.09	ng	96
77) Pyrene	12.85	202	809002	57.78	ng	99
79) Butylbenzylphthalate	13.47	149	372526	62.00	ng	93
80) Benzo(a)anthracene	14.04	228	539694	53.58	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	129747	35.71	ng	98
82) Chrysene	14.08	228	547975	55.78	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	426252	62.33	ng	# 97
84) Di-n-octyl phthalate	14.64	149	689745	63.47	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.92	276	621136	64.37	ng	# 100
87) Benzo(b)fluoranthene	15.07	252	488528	44.27	ng	98
88) Benzo(k)fluoranthene	15.07	252	488528	48.86	ng	96
89) Benzo(a)pyrene	15.43	252	481536	48.91	ng	100
90) Dibenzo(a,h)anthracene	16.93	278	513509	52.45	ng	99
91) Benzo(g,h,i)perylene	17.35	276	537463	53.40	ng	98

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

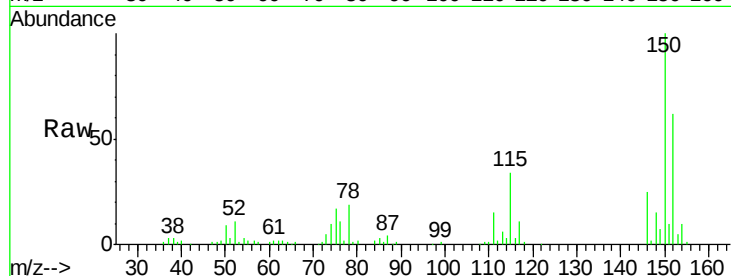


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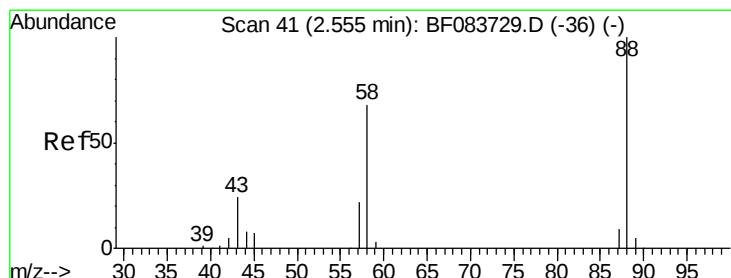
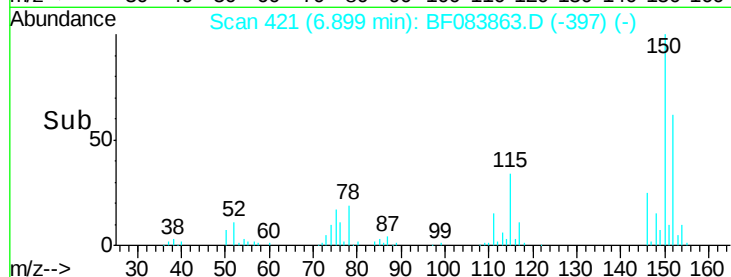
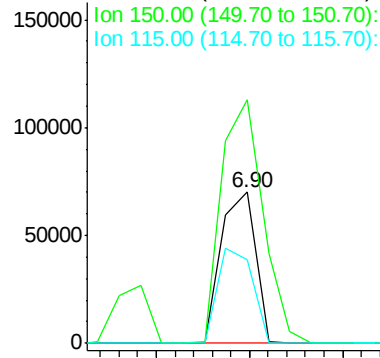
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion:152 Resp: 89725
Ion Ratio Lower Upper
152 100
150 160.9 126.5 189.7
115 55.5 52.3 78.5



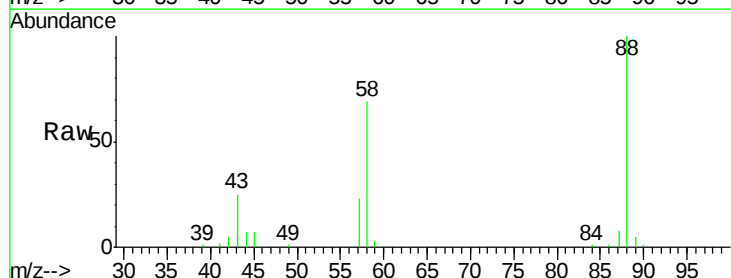
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



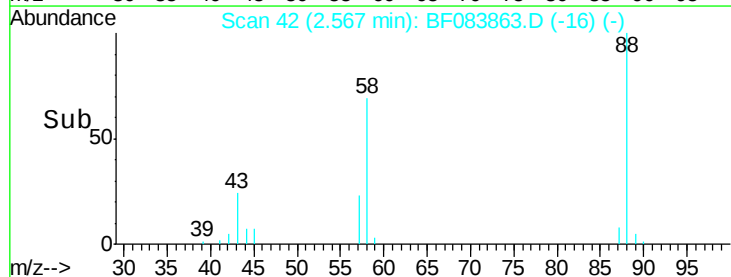
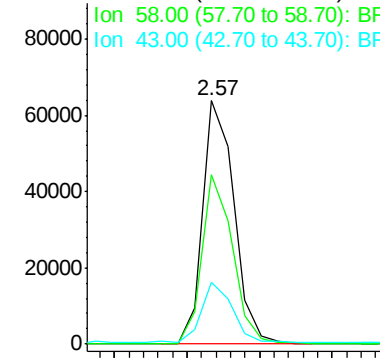
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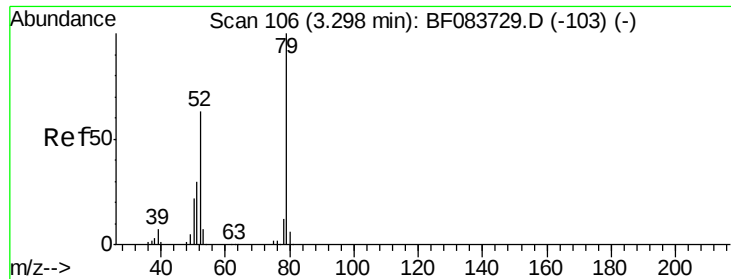
1,4-Dioxane
Concen: 35.50 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion: 88 Resp: 95472
Ion Ratio Lower Upper
88 100
58 68.0 68.0 102.0#
43 25.1 27.9 41.9#



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





#3

Pyridine

Concen: 43.46 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

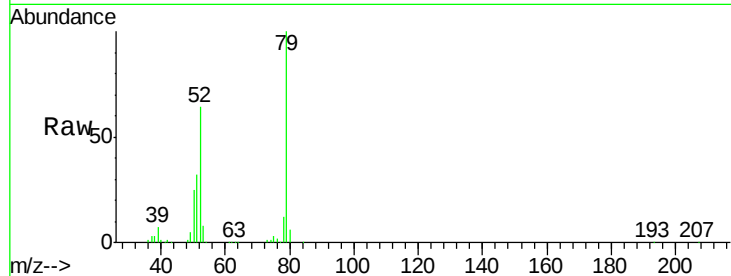
Tgt Ion: 79 Resp: 294066

Ion Ratio Lower Upper

79 100

52 64.4 63.7 95.5

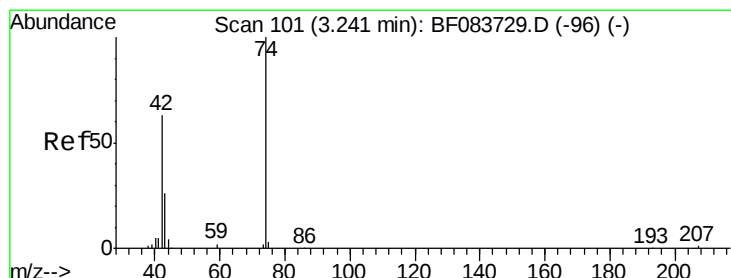
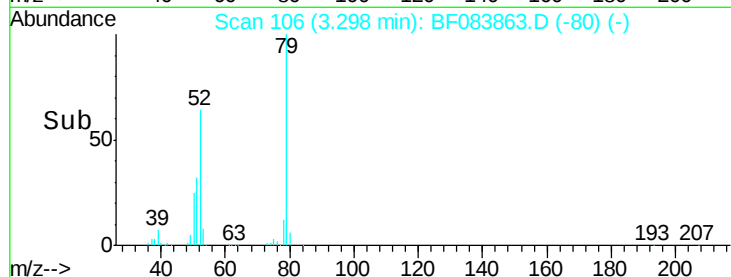
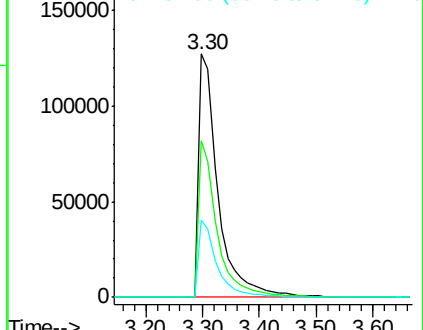
51 32.0 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.13 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

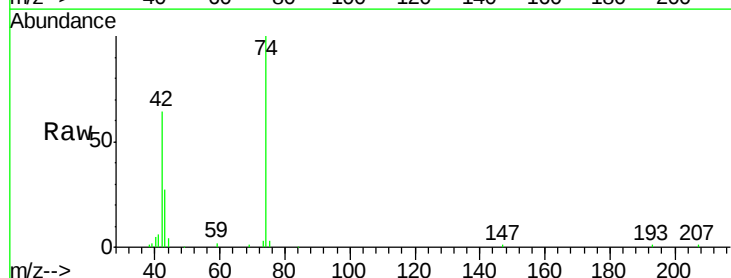
Tgt Ion: 42 Resp: 115521

Ion Ratio Lower Upper

42 100

74 157.2 92.9 139.3#

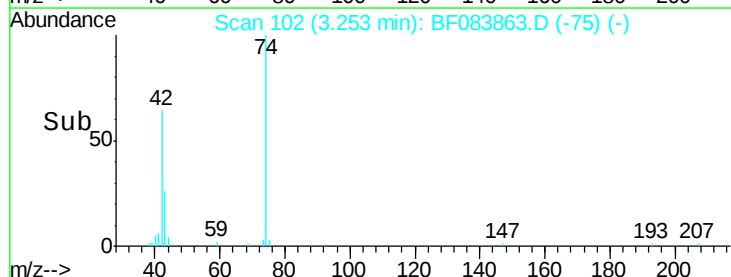
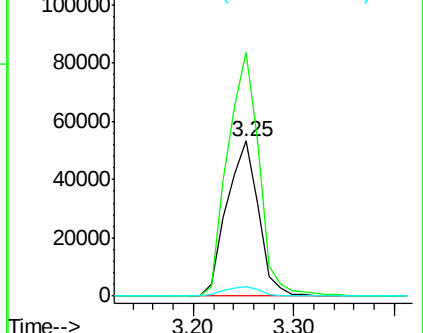
44 6.4 5.7 8.5

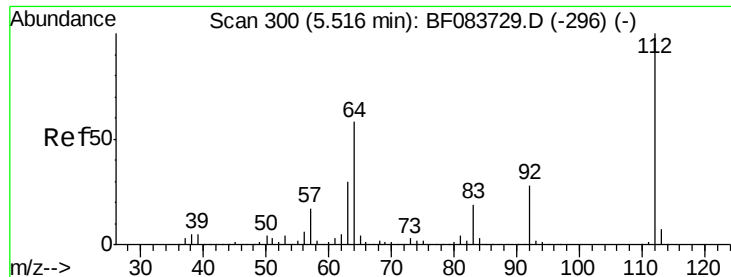


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 142.40 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

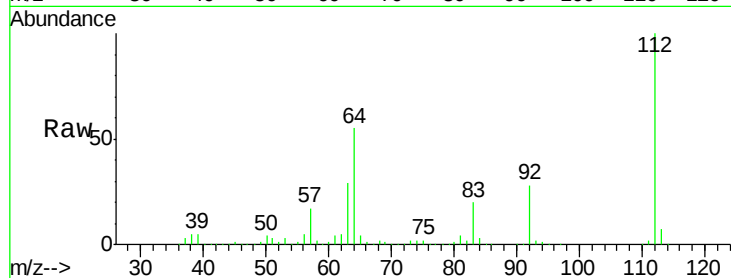
Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

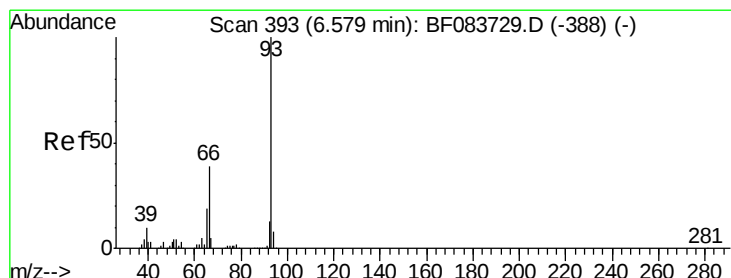
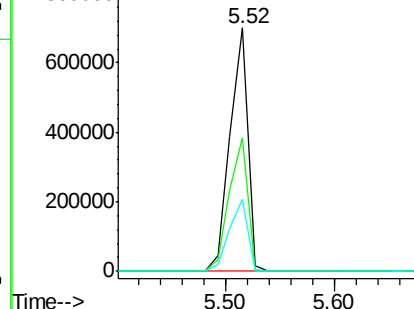
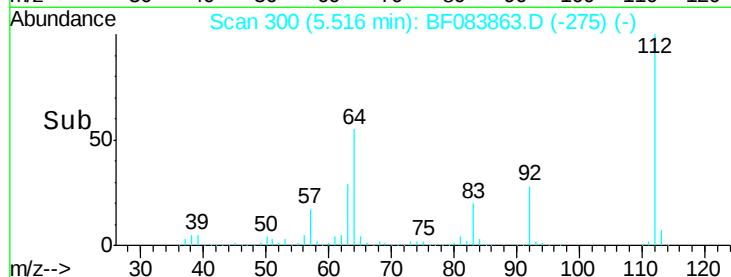
Tgt Ion:	112	Resp:	791982
Ion	Ratio	Lower	Upper
112	100		
64	54.8	50.5	75.7
63	29.4	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.20 ng

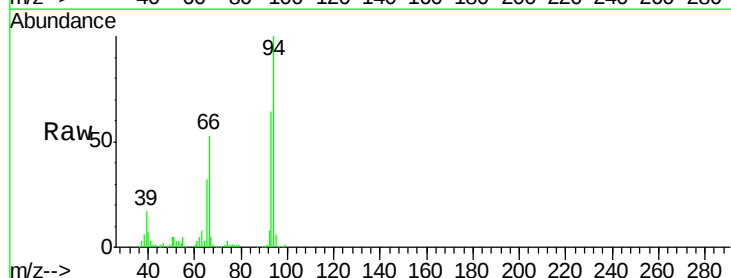
RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

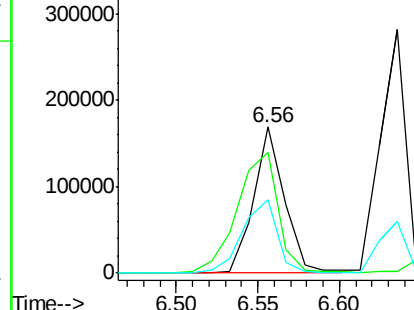
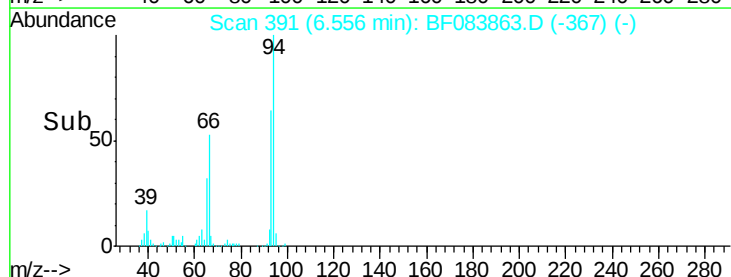
Tgt Ion:	93	Resp:	221965
Ion	Ratio	Lower	Upper
93	100		
66	82.5	41.3	61.9#
65	50.2	20.8	31.2#

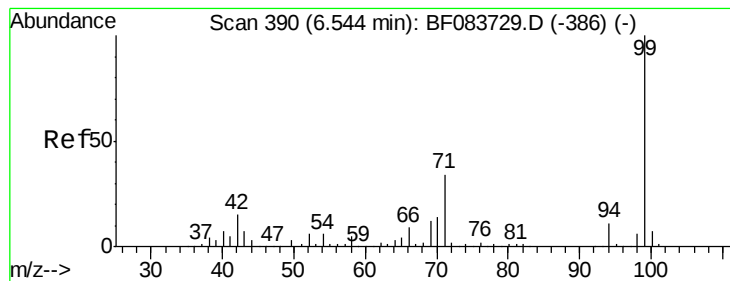


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.51 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

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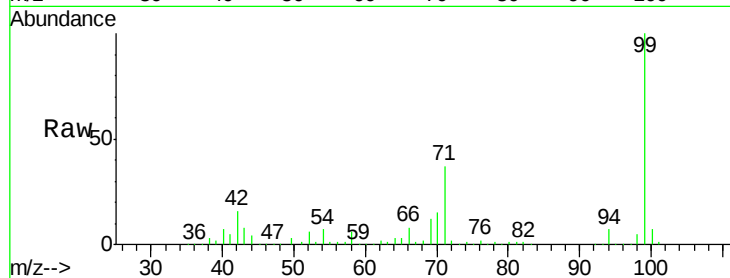
Tgt Ion: 99 Resp: 1017831

Ion Ratio Lower Upper

99 100

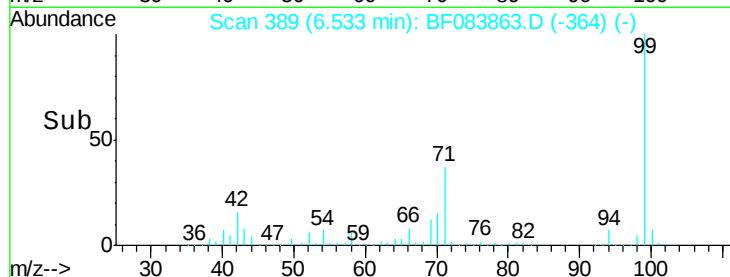
42 16.1 17.3 25.9#

71 36.9 26.6 40.0

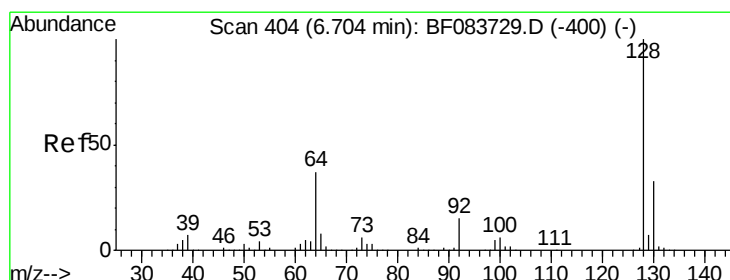


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.53



Time-->



#8

2-Chlorophenol

Concen: 46.03 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

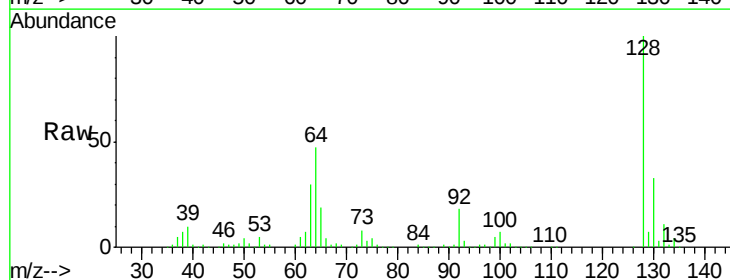
Tgt Ion: 128 Resp: 300849

Ion Ratio Lower Upper

128 100

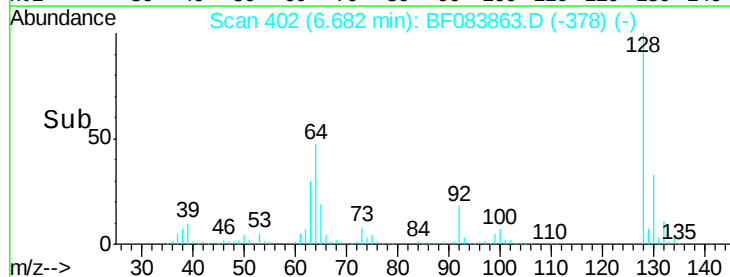
130 32.6 12.6 52.6

64 46.8 38.6 78.6

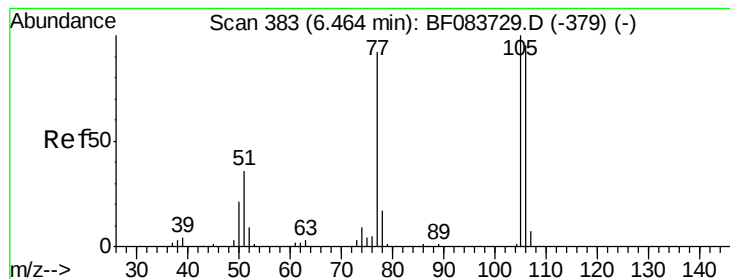


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

6.68



Time-->



#9

Benzaldehyde

Concen: 5.40 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

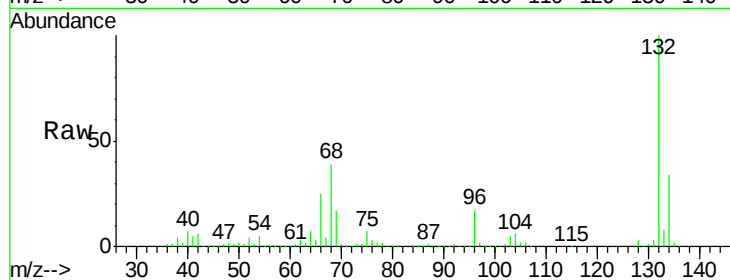
Tgt Ion: 77 Resp: 20427

Ion Ratio Lower Upper

77 100

105 82.8 71.8 111.8

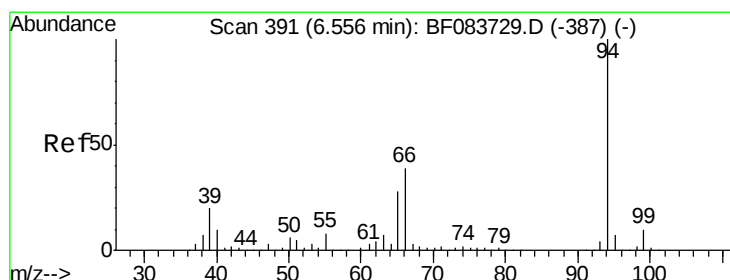
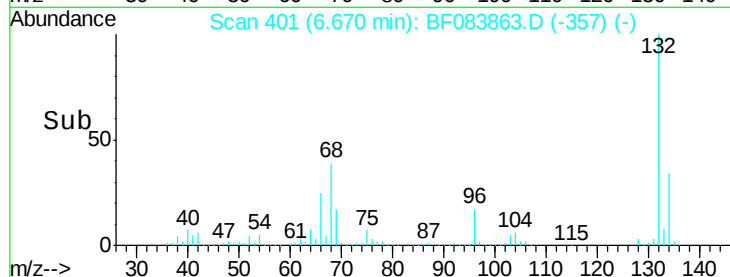
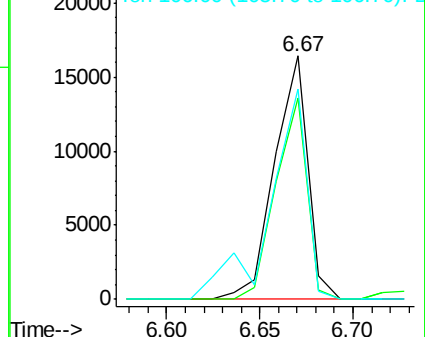
106 86.6 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.68 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

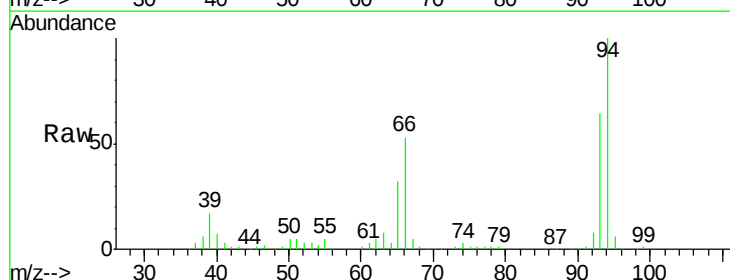
Tgt Ion: 94 Resp: 329794

Ion Ratio Lower Upper

94 100

65 32.0 20.9 60.9

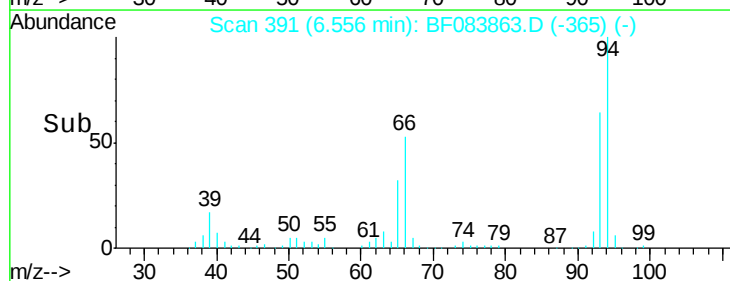
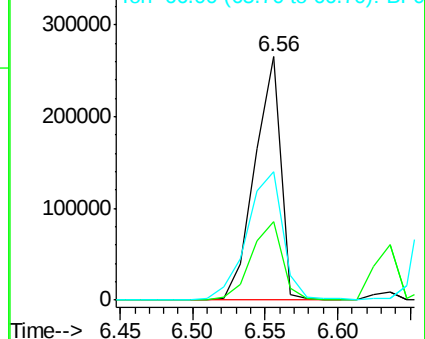
66 52.5 41.6 81.6

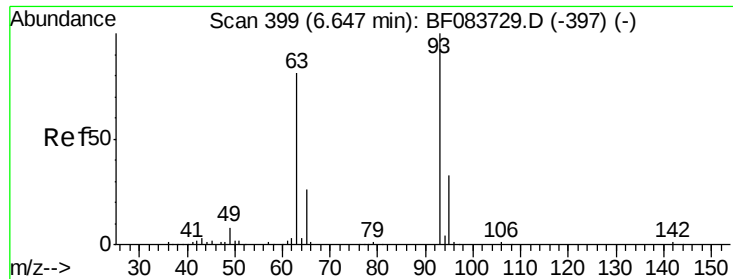


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

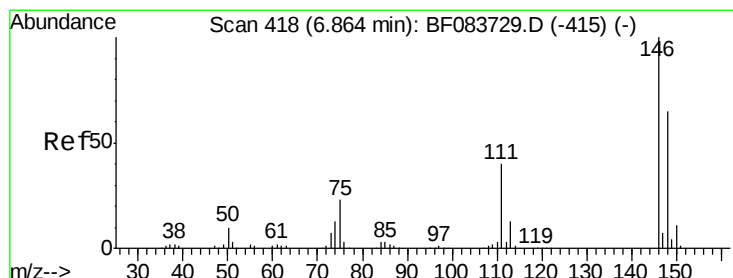
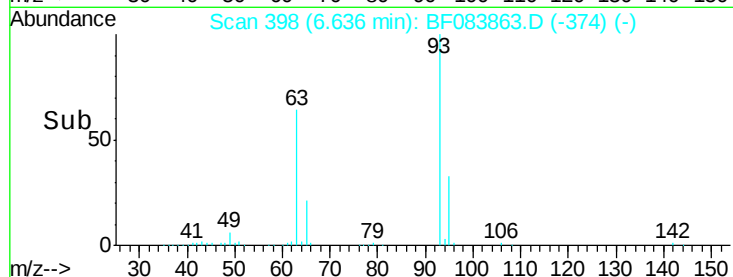
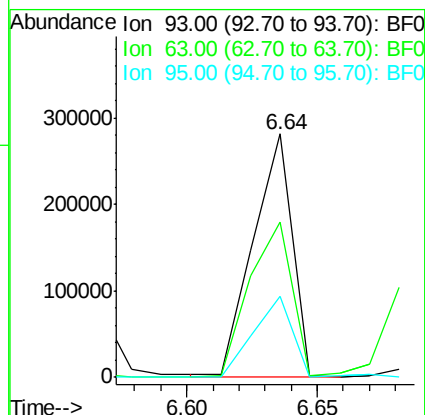
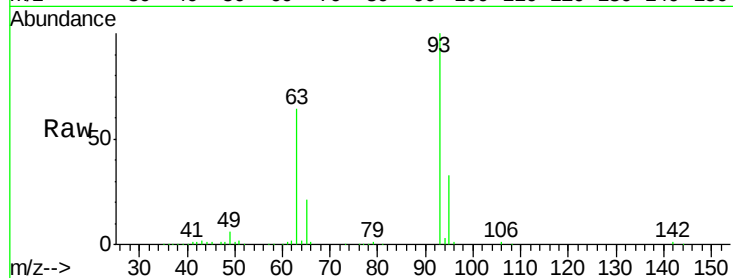




#11
bis(2-Chloroethyl)ether
Concen: 50.93 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

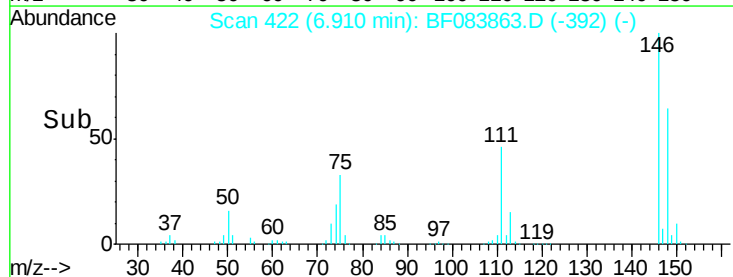
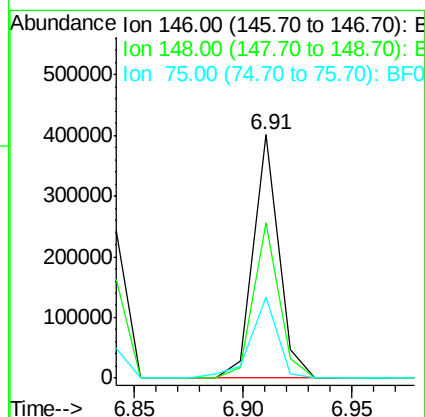
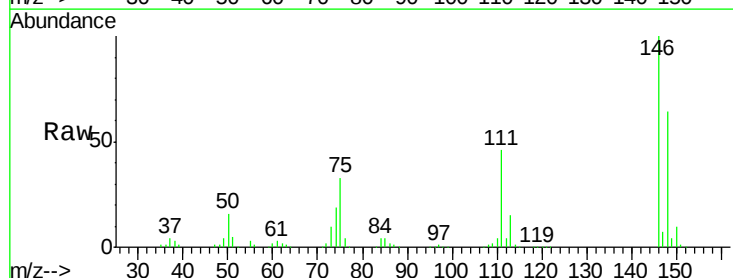
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

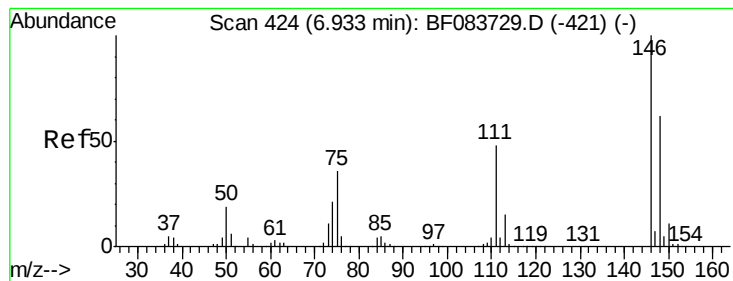
Tgt Ion: 93 Resp: 299009
Ion Ratio Lower Upper
93 100
63 63.9 64.7 104.7#
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.06 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.05 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion: 146 Resp: 326385
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 33.2 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 46.57 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

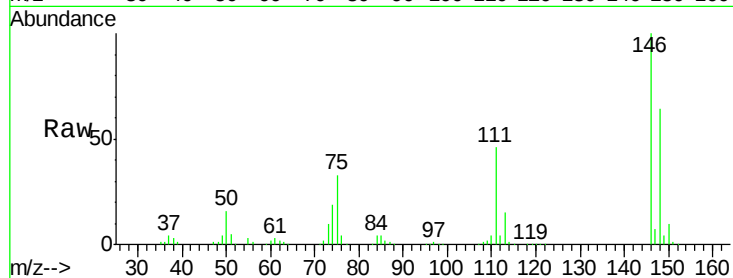
Tgt Ion:146 Resp: 326385

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

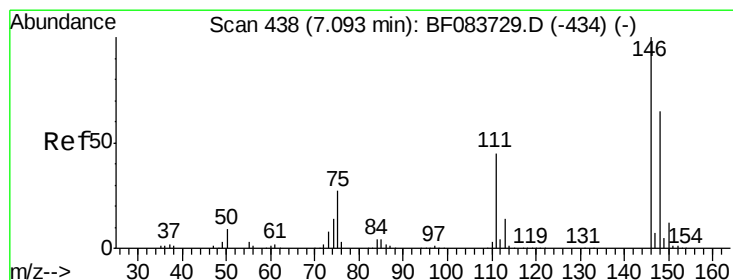
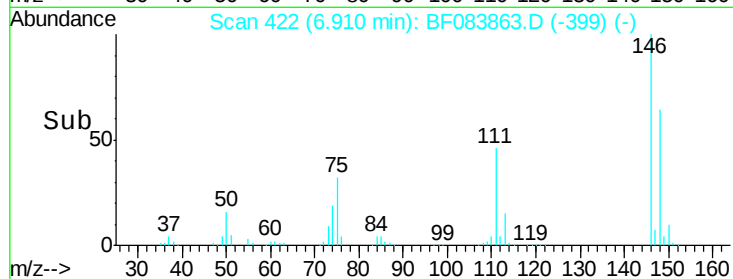
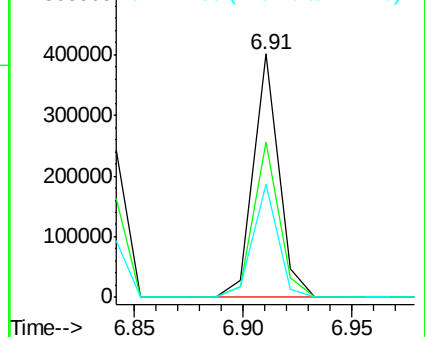
111 46.4 36.1 54.1



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: 50.72 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

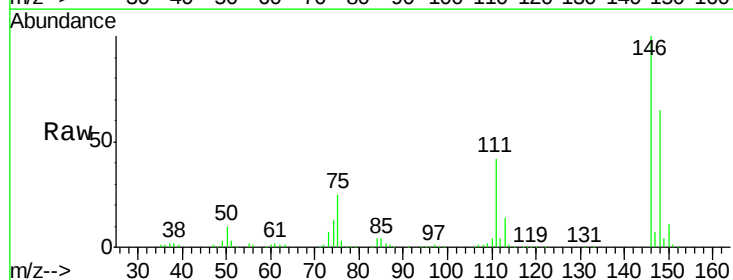
Tgt Ion:146 Resp: 319446

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

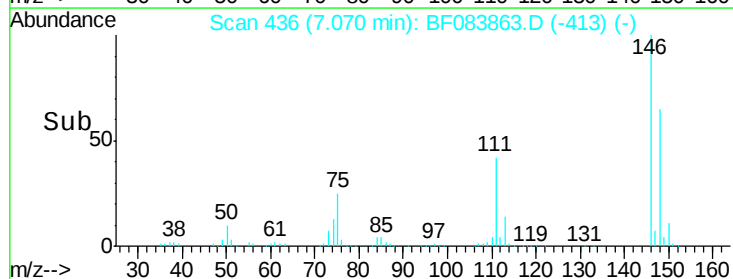
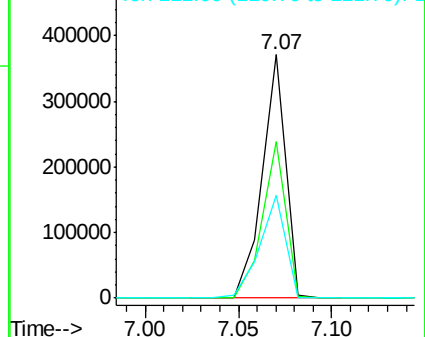
111 42.5 36.7 55.1

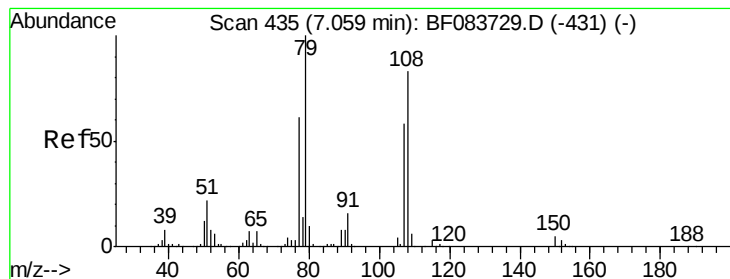


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.39 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

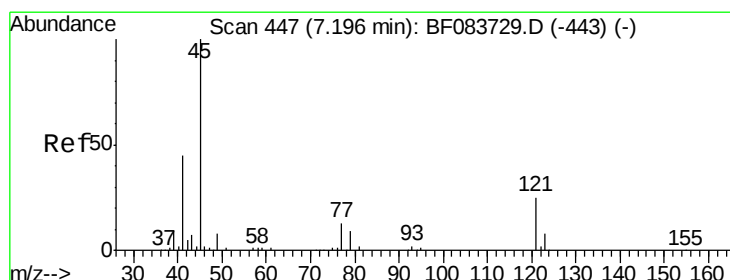
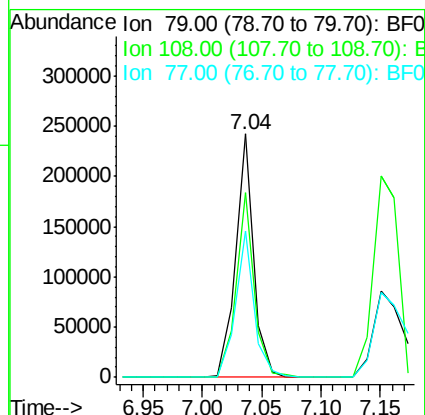
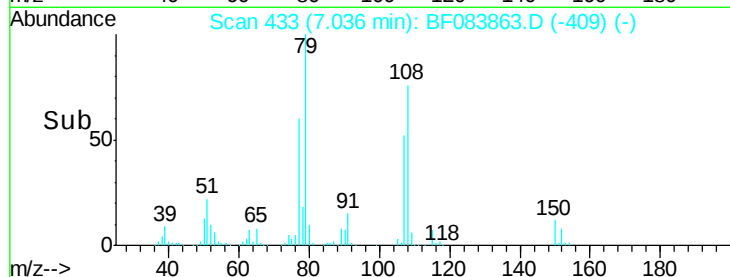
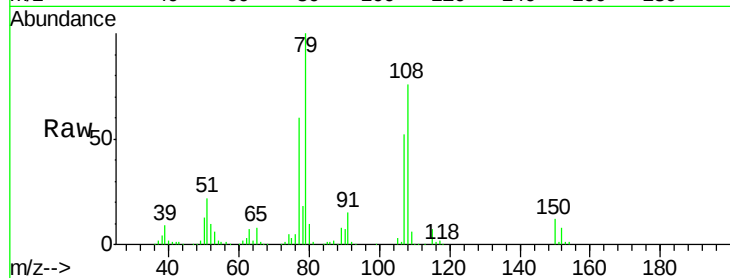
Tgt Ion: 79 Resp: 255579

Ion Ratio Lower Upper

79 100

108 75.6 59.6 89.4

77 60.0 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.35 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

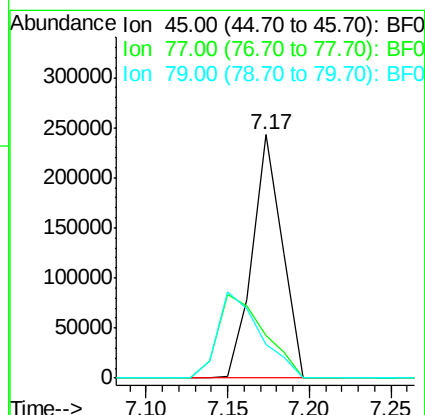
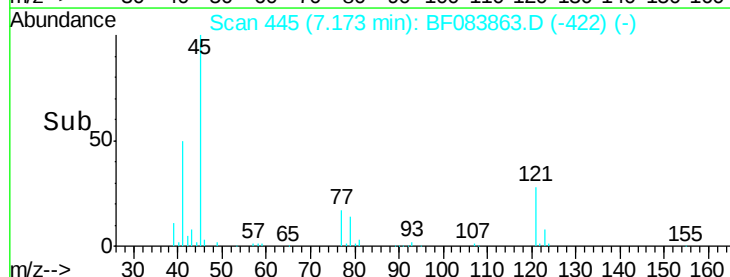
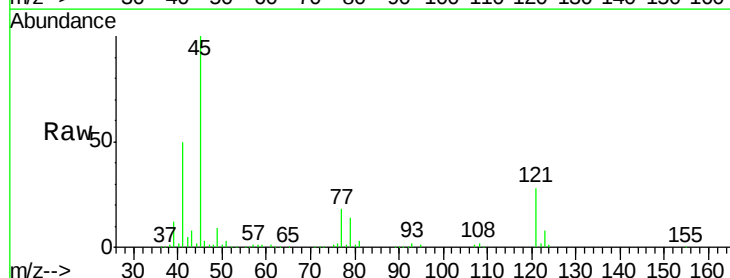
Tgt Ion: 45 Resp: 307575

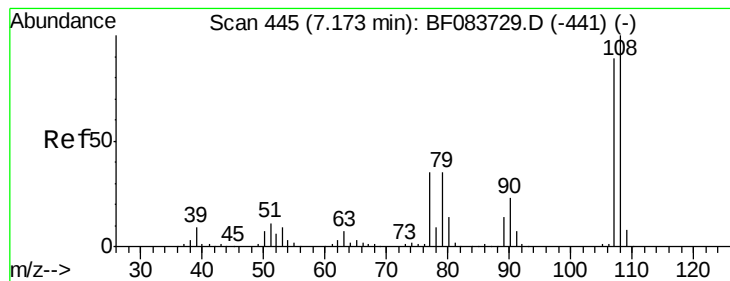
Ion Ratio Lower Upper

45 100

77 17.7 12.8 52.8

79 13.7 10.7 50.7





#17

2-Methylphenol

Concen: 50.07 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

Tgt Ion:107 Resp: 263109

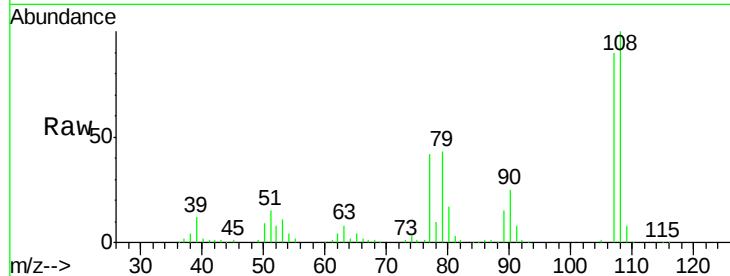
Ion Ratio Lower Upper

107 100

108 111.3 91.6 137.4

77 46.6 53.7 80.5#

79 47.7 50.2 75.4#

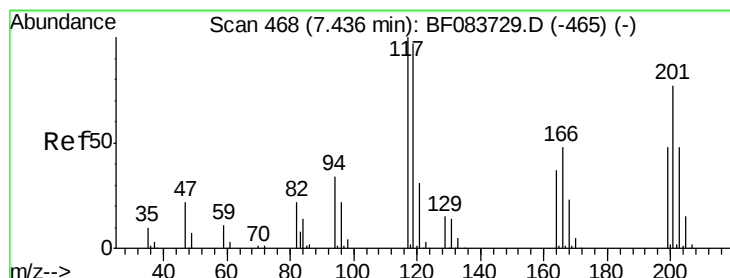
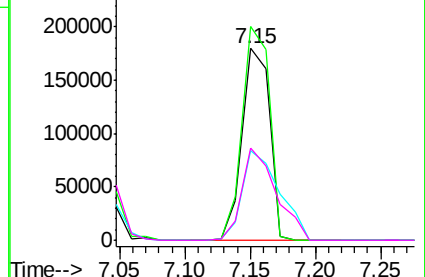
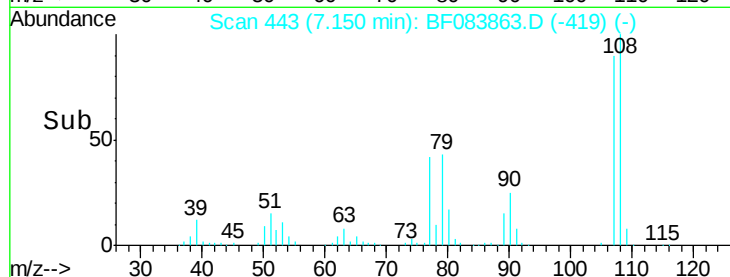


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 50.27 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

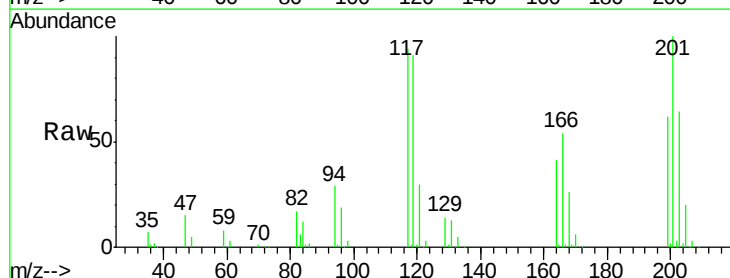
Tgt Ion:117 Resp: 125122

Ion Ratio Lower Upper

117 100

119 96.8 77.2 115.8

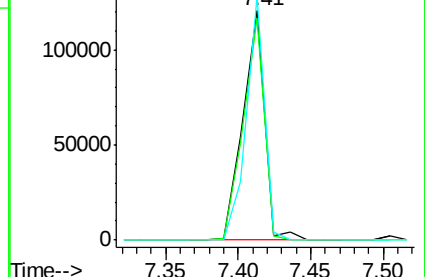
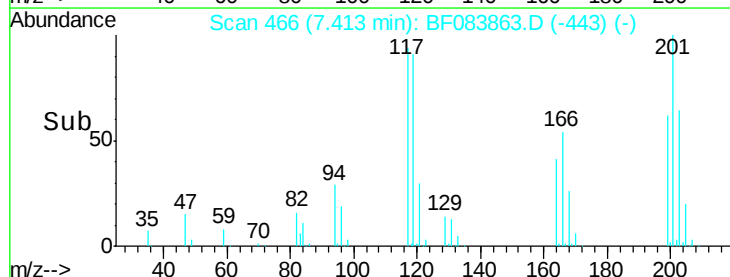
201 106.1 86.8 130.2

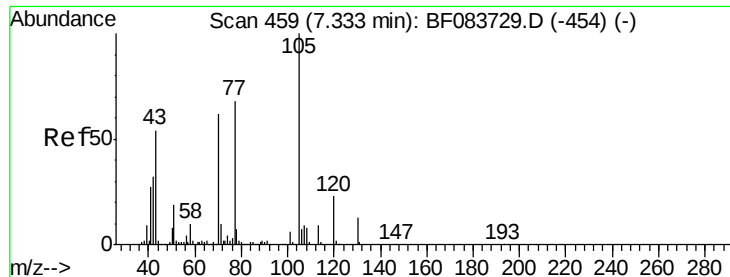


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

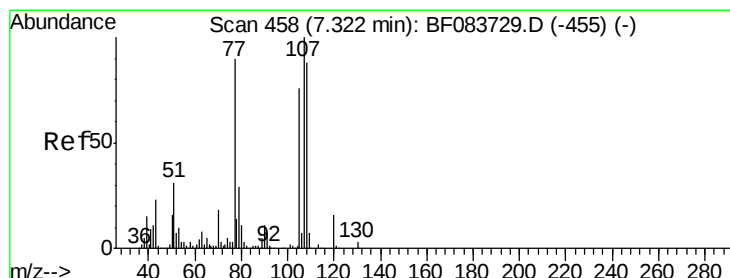
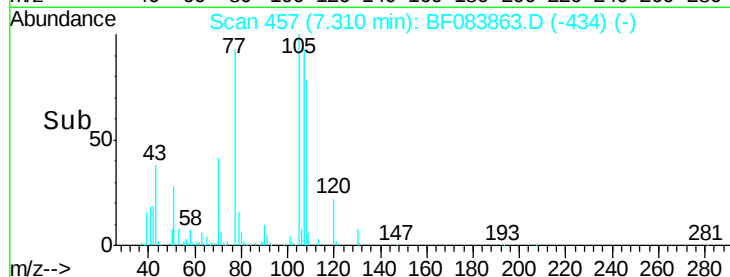
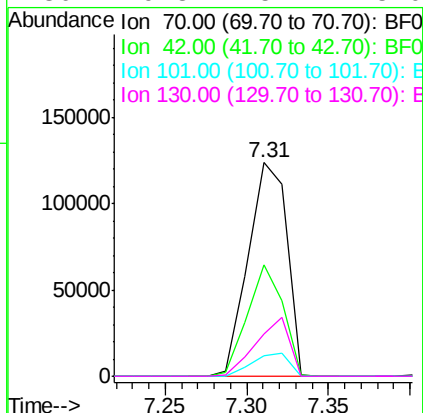
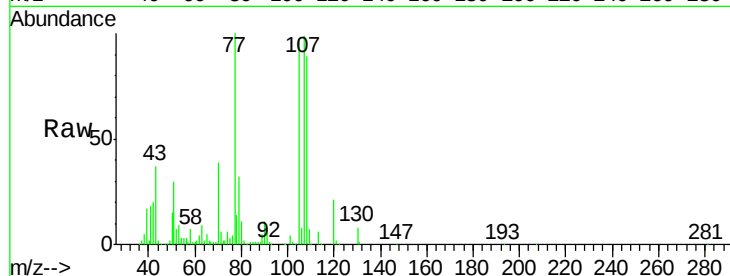




#19
n-Nitroso-di-n-propylamine
Concen: 47.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

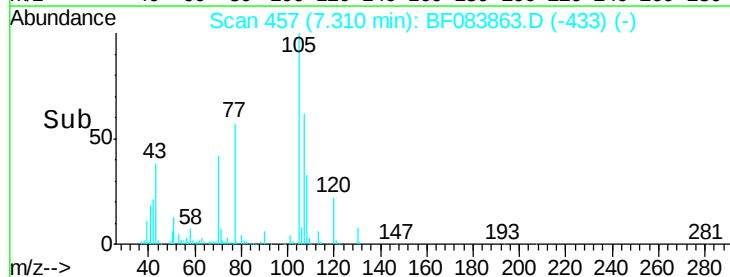
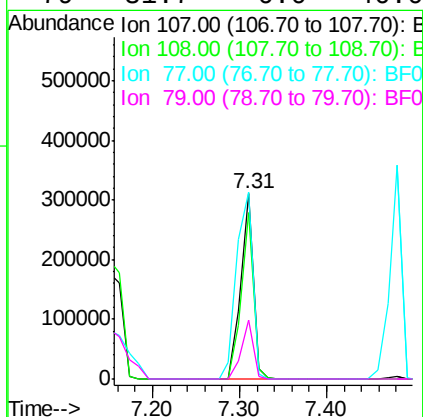
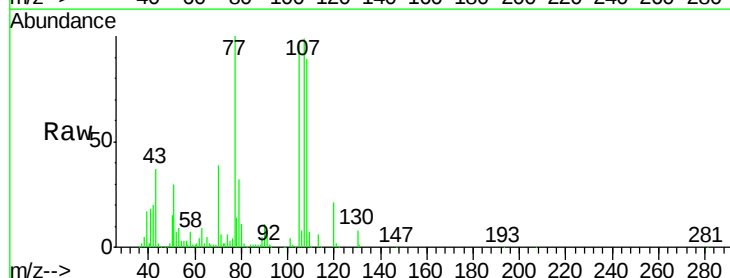
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

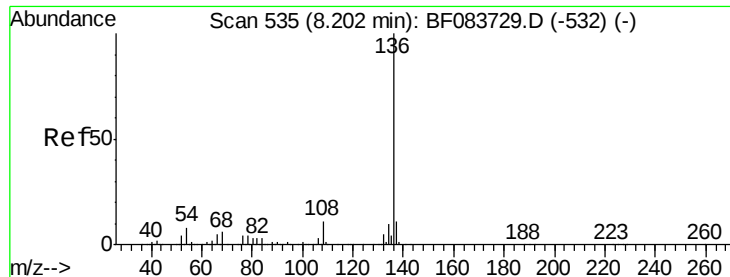
Tgt Ion:	70	Resp:	203135
Ion	Ratio	Lower	Upper
70	100		
42	51.9	49.2	73.8
101	9.7	7.1	10.7
130	19.8	15.4	23.0



#20
3+4-Methylphenols
Concen: 49.46 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:	107	Resp:	306815
Ion	Ratio	Lower	Upper
107	100		
108	89.9	65.2	105.2
77	100.8	15.2	55.2#
79	31.7	6.0	46.0

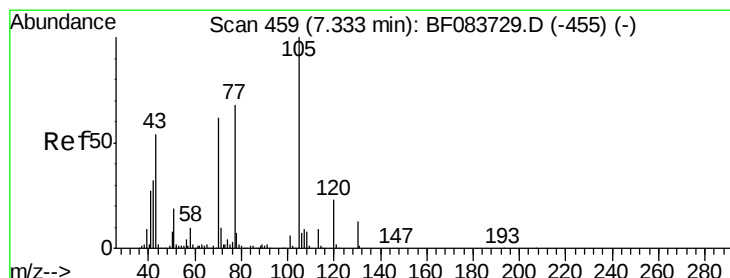
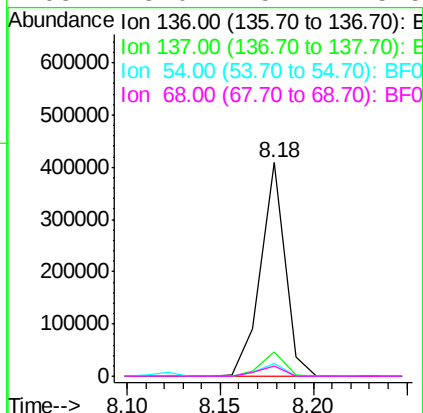
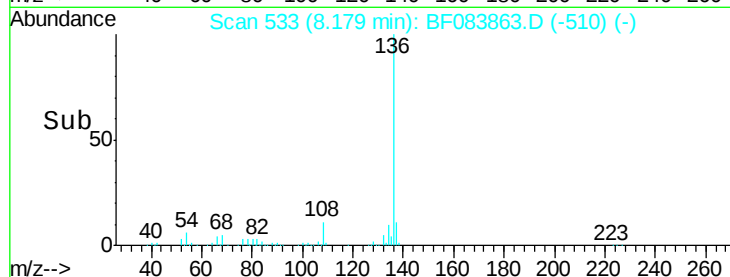
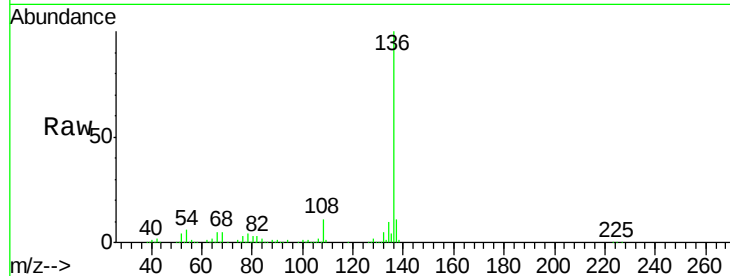




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

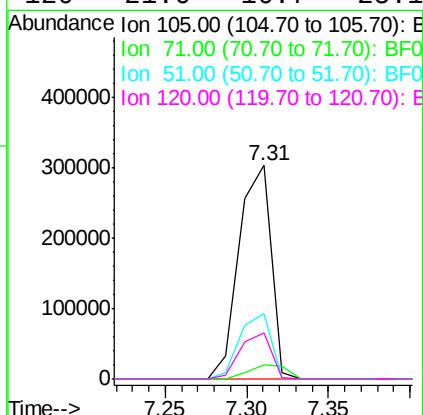
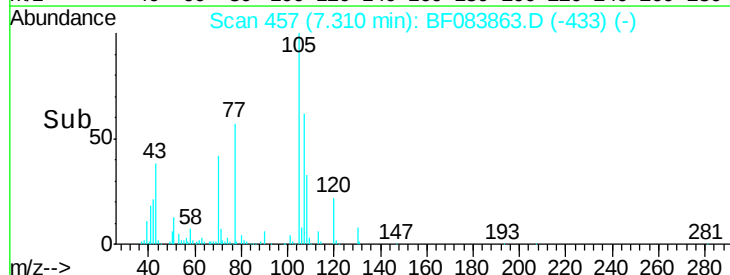
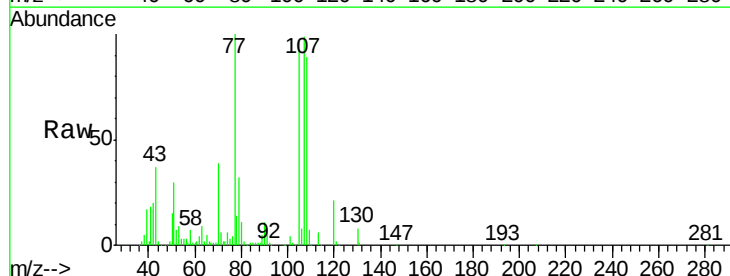
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

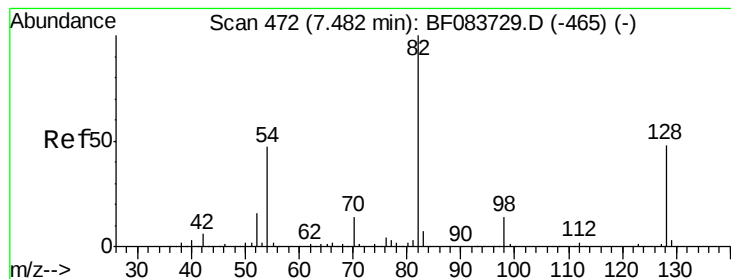
Tgt Ion:	136	Resp:	369096
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.1	7.8	11.6#
68	5.0	5.7	8.5#



#22
Acetophenone
Concen: 45.52 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:	105	Resp:	412194
Ion	Ratio	Lower	Upper
105	100		
71	6.5	1.3	1.9#
51	30.9	23.8	35.8
120	21.6	16.7	25.1





#23

Nitrobenzene-d5

Concen: 92.88 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

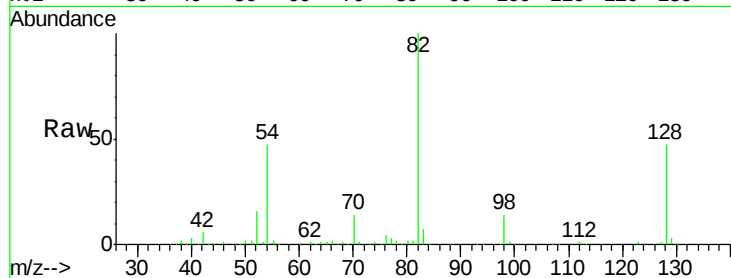
Tgt Ion: 82 Resp: 612739

Ion Ratio Lower Upper

82 100

128 46.8 30.7 46.1#

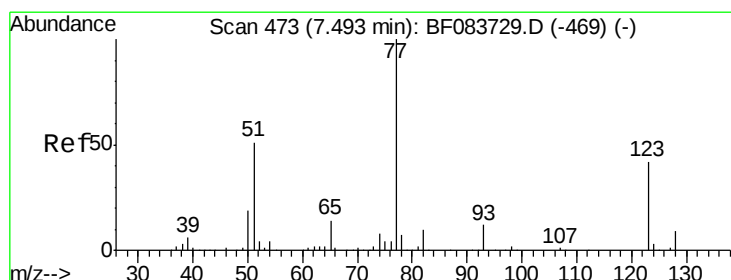
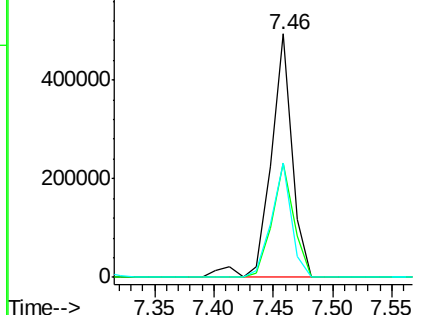
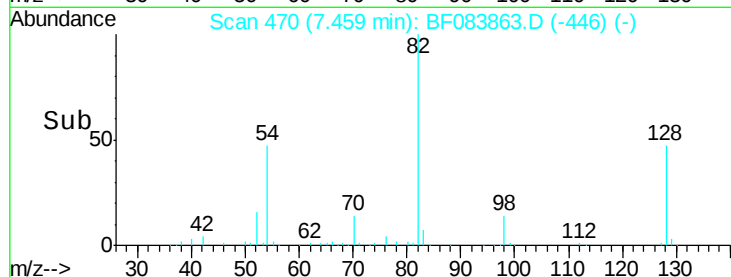
54 46.9 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 50.47 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

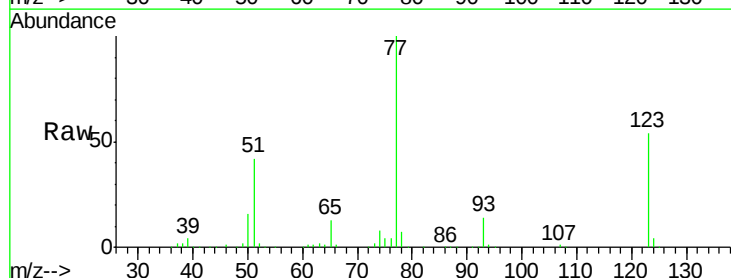
Tgt Ion: 77 Resp: 346586

Ion Ratio Lower Upper

77 100

123 54.1 29.8 44.6#

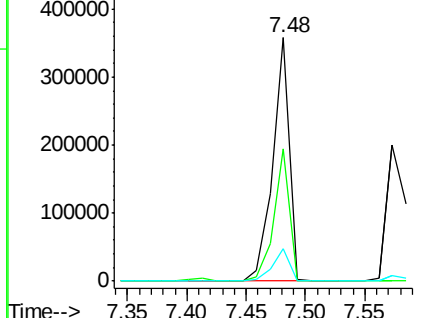
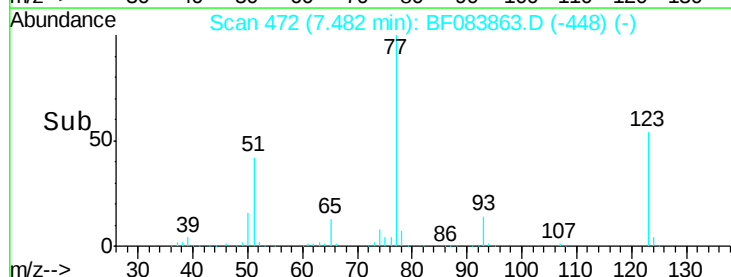
65 13.3 11.1 16.7

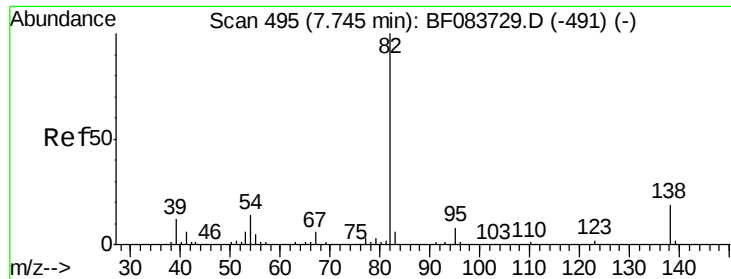


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.31 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

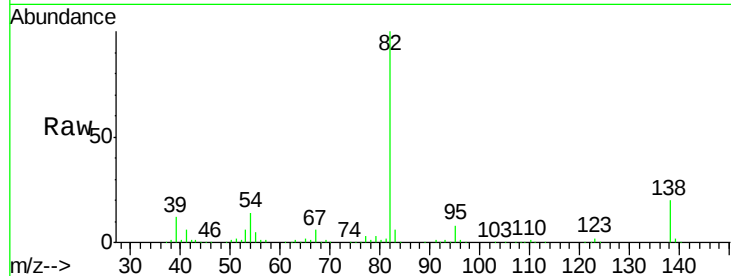
Tgt Ion: 82 Resp: 586490

Ion Ratio Lower Upper

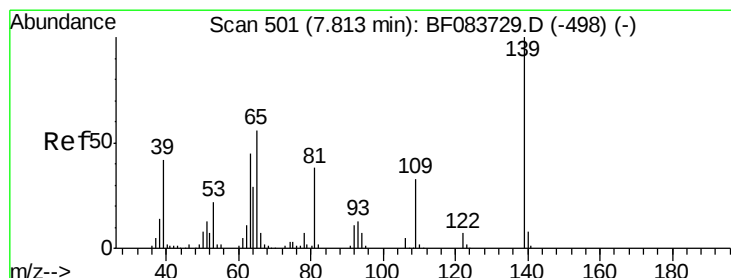
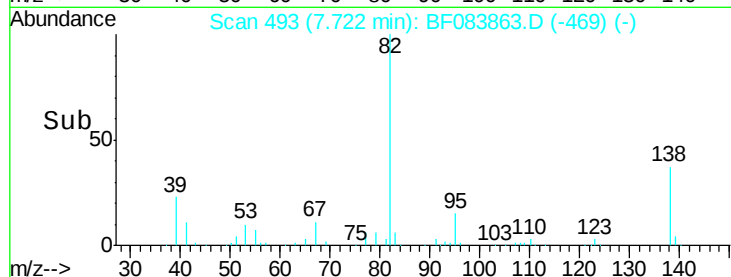
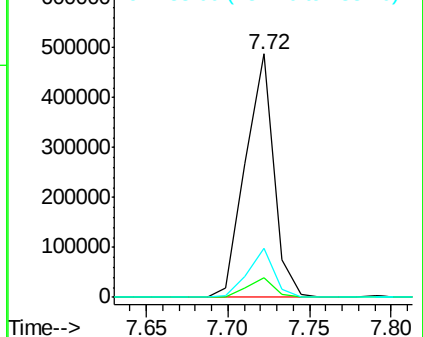
82 100

95 8.1 5.0 7.4#

138 20.1 12.1 18.1#



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): E



#26

2-Nitrophenol

Concen: 48.02 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

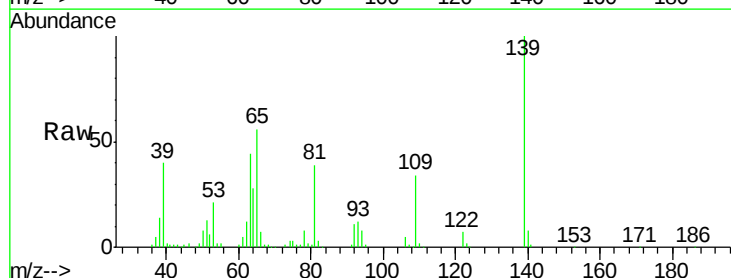
Tgt Ion: 139 Resp: 158408

Ion Ratio Lower Upper

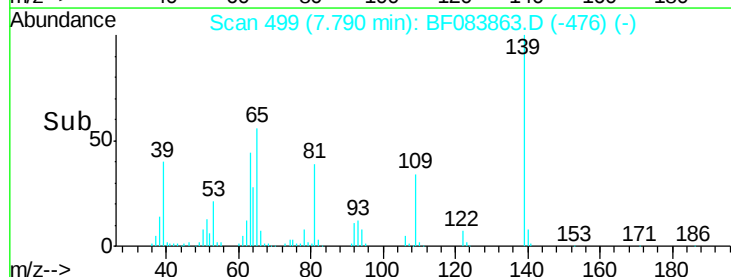
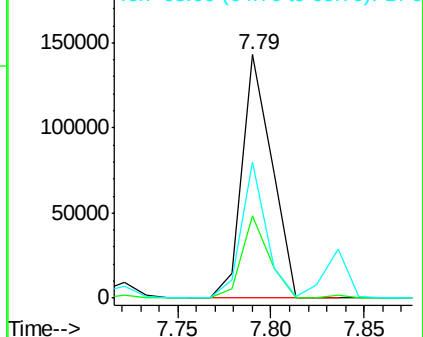
139 100

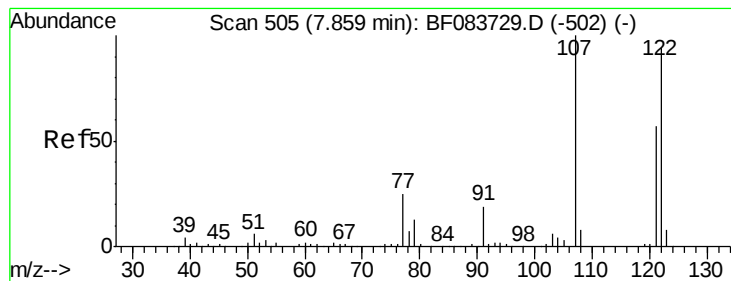
109 33.8 22.7 34.1

65 55.8 51.8 77.8



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

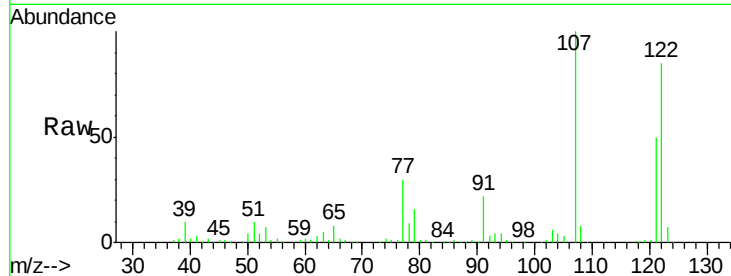




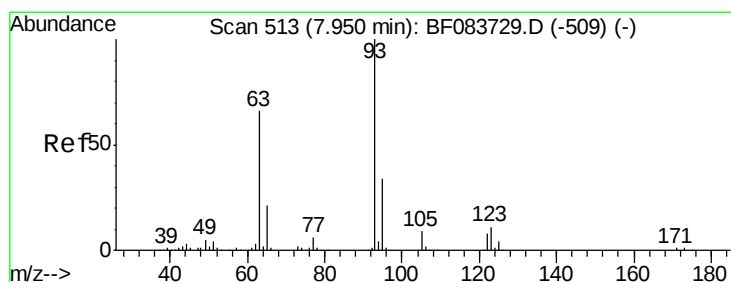
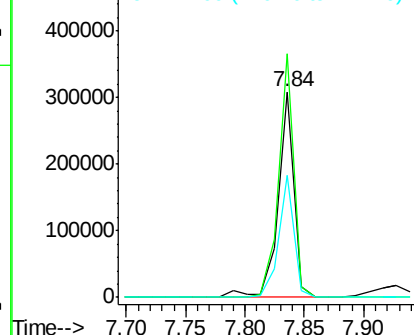
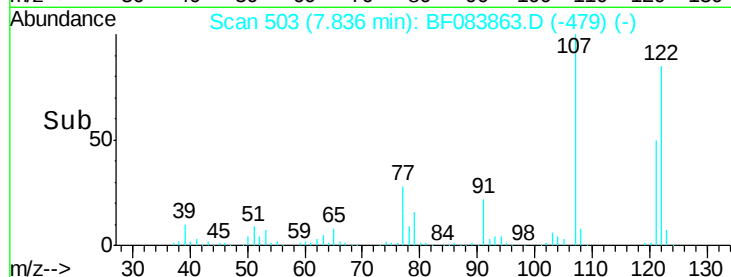
#27
 2,4-Dimethylphenol
 Concen: 44.48 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

Tgt Ion: 122 Resp: 288313
 Ion Ratio Lower Upper
 122 100
 107 118.3 92.4 138.6
 121 59.6 45.8 68.6

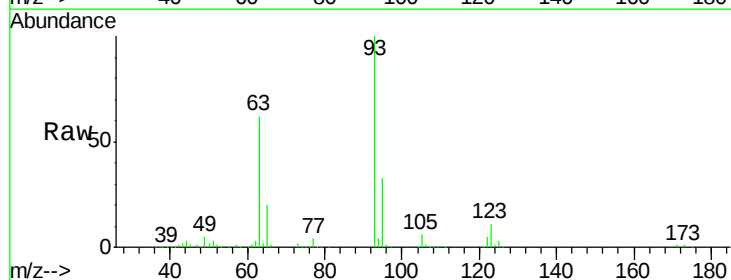


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

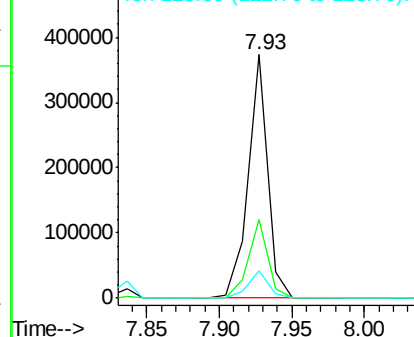
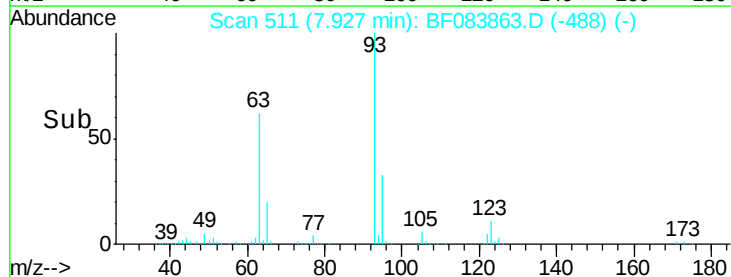


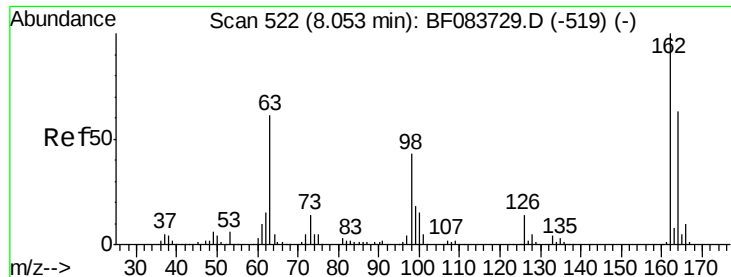
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.99 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion: 93 Resp: 347076
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.6 38.4
 123 11.1 7.3 10.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

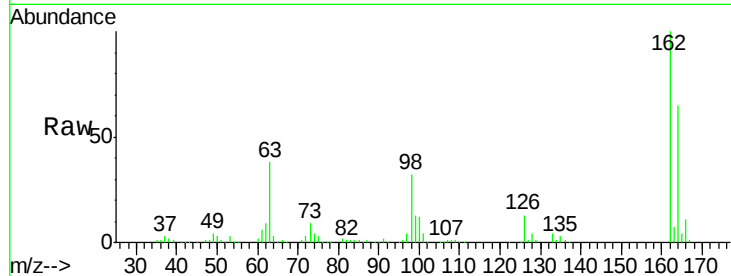




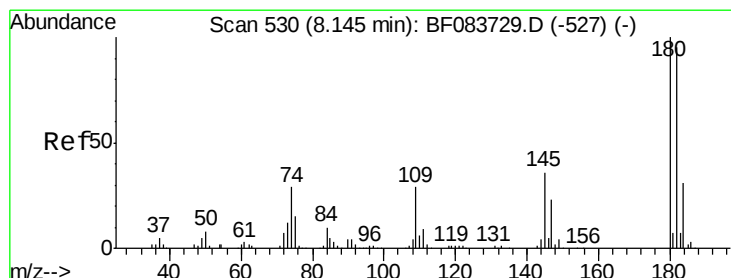
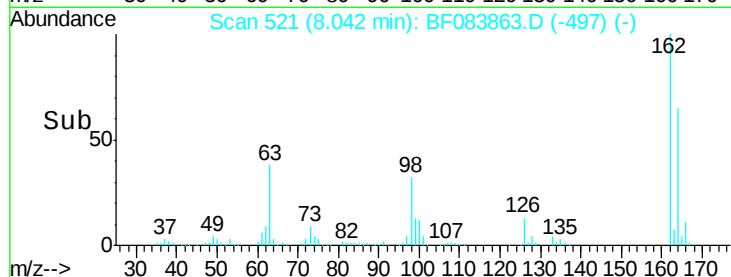
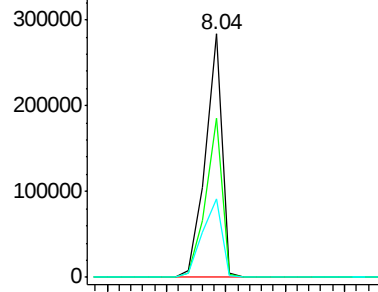
#29
 2,4-Dichlorophenol
 Concen: 52.05 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	276965		
164	65.2	43.4	83.4	
98	32.5	17.5	57.5	

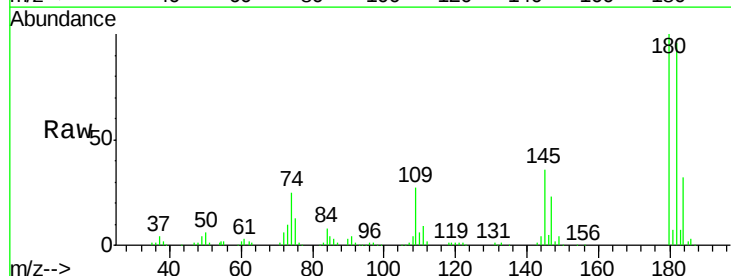


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

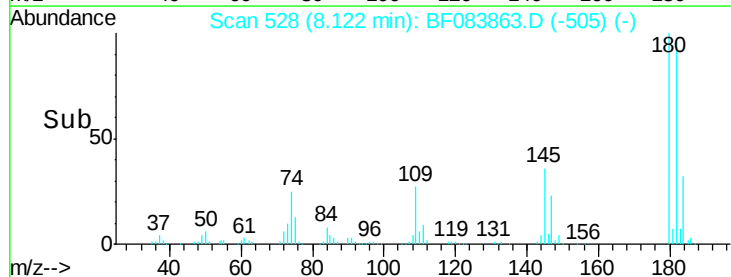
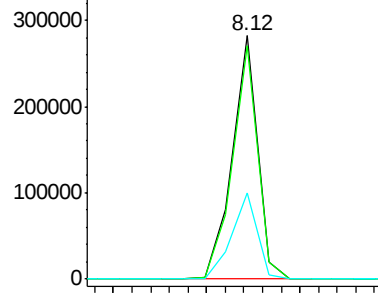


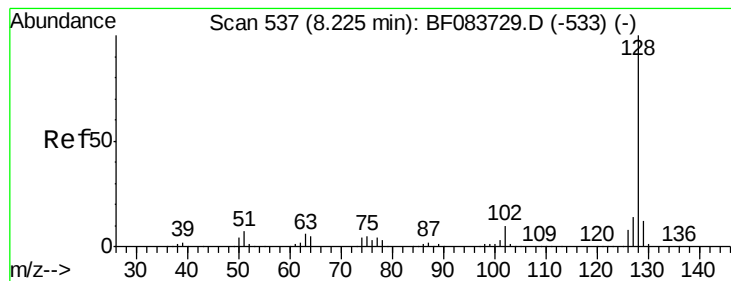
#30
 1,2,4-Trichlorobenzene
 Concen: 47.75 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263499		
182	95.9	74.9	112.3	
145	35.5	24.7	37.1	



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: 47.30 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

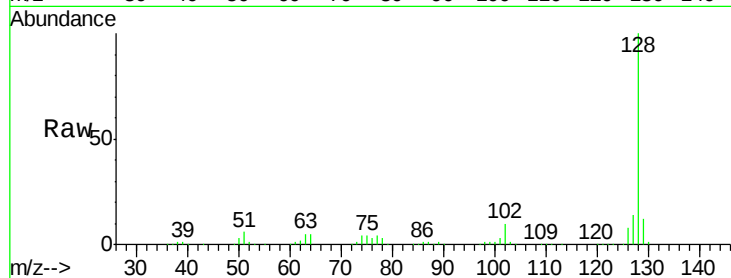
Tgt Ion:128 Resp: 910084

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

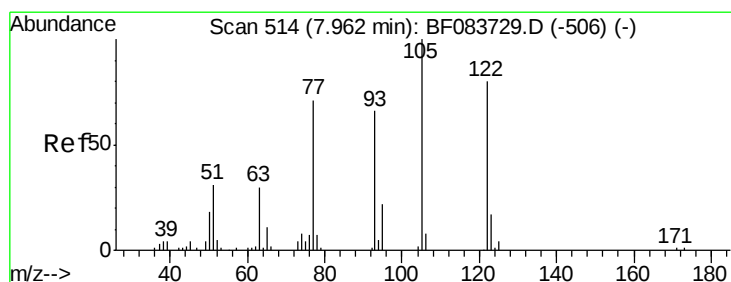
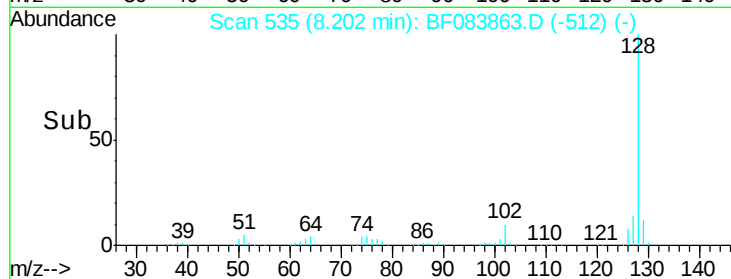
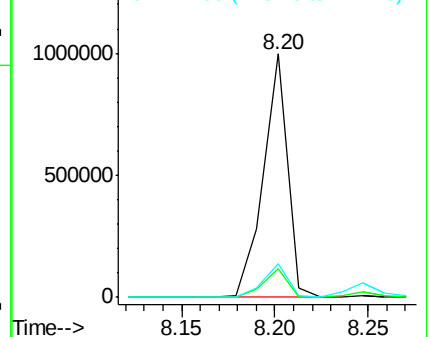
127 13.7 10.6 16.0



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: 10.64 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

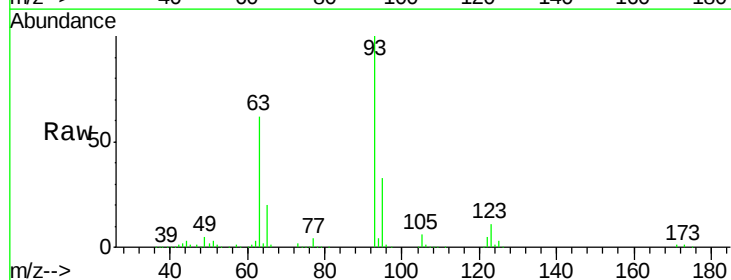
Tgt Ion:122 Resp: 42968

Ion Ratio Lower Upper

122 100

105 123.3 105.6 145.6

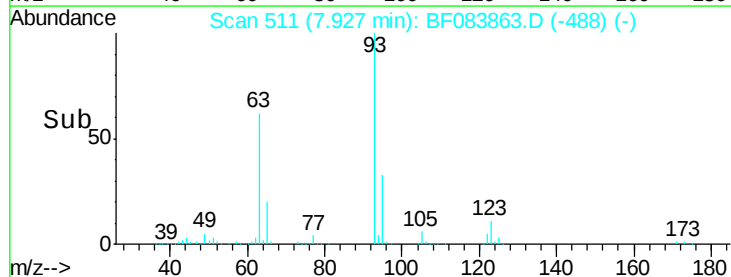
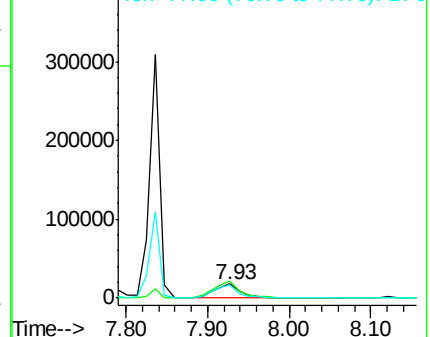
77 89.5 86.8 126.8

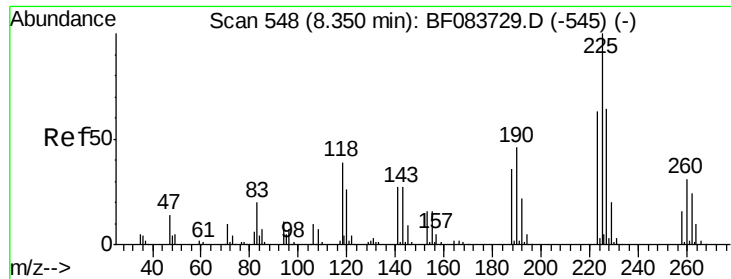


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

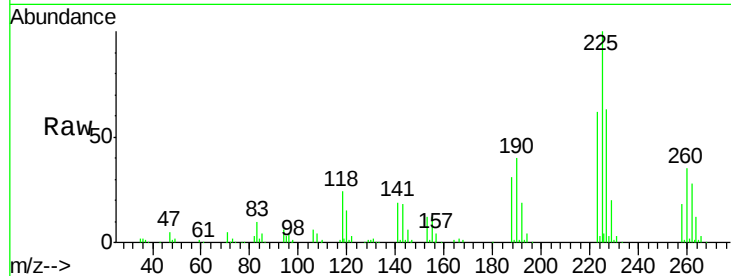




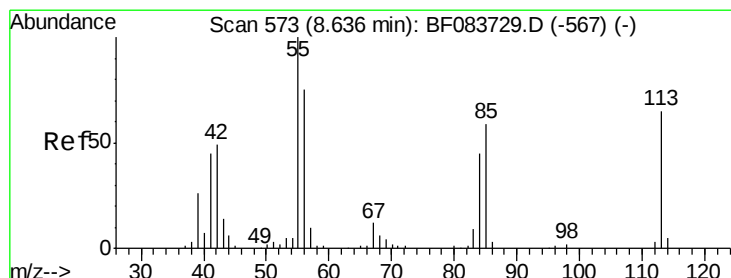
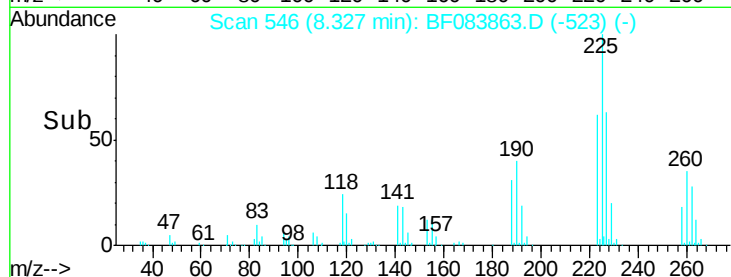
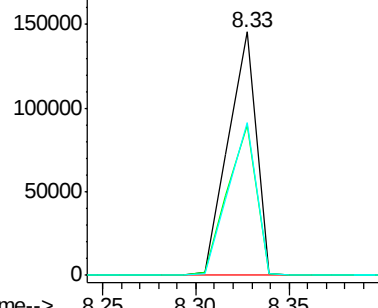
#34
Hexachlorobutadiene
Concen: 50.05 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion: 225 Resp: 151558
Ion Ratio Lower Upper
225 100
223 61.7 52.3 78.5
227 63.0 50.4 75.6

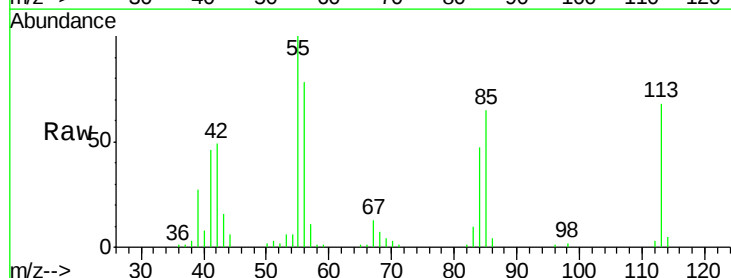


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

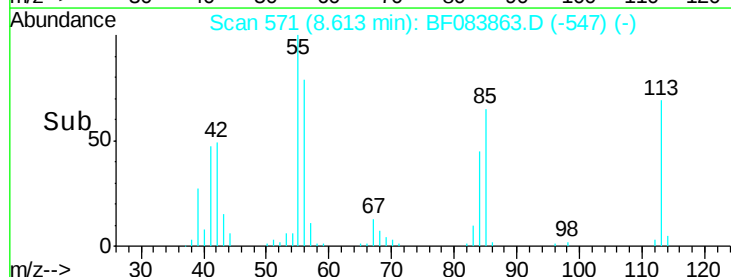
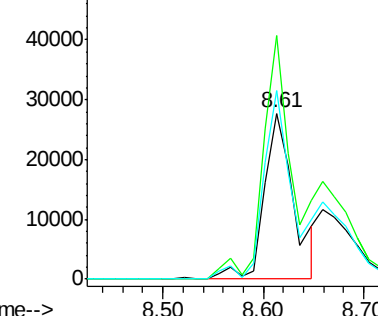


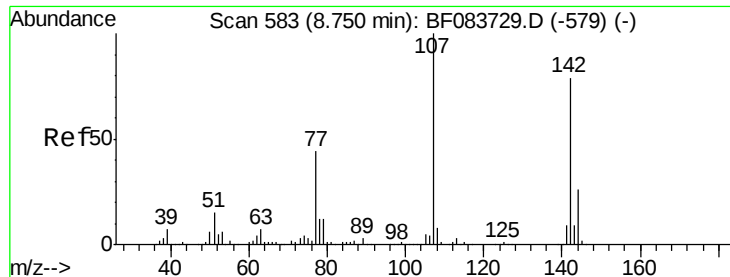
#35
Caprolactam
Concen: 33.09 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion: 113 Resp: 56544
Ion Ratio Lower Upper
113 100
55 147.0 189.7 229.7#
56 114.2 130.7 170.7#



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

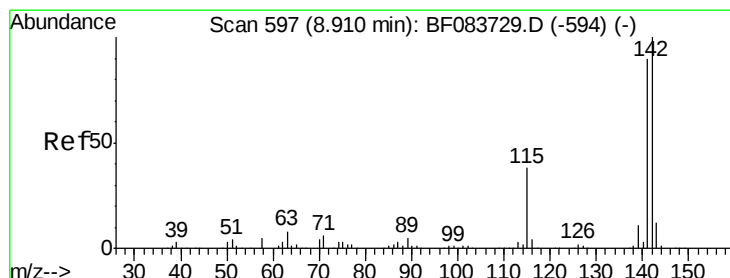
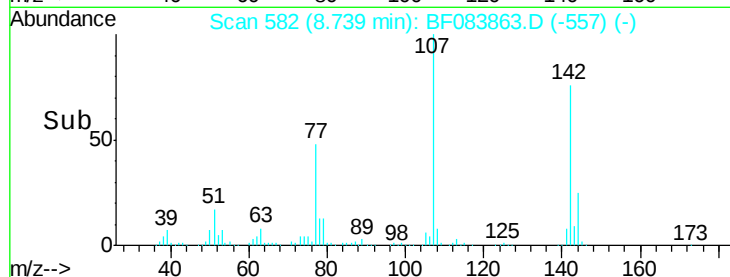
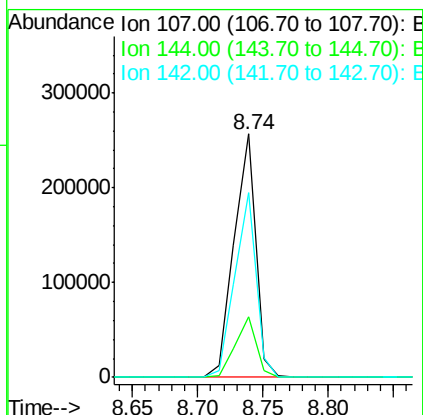
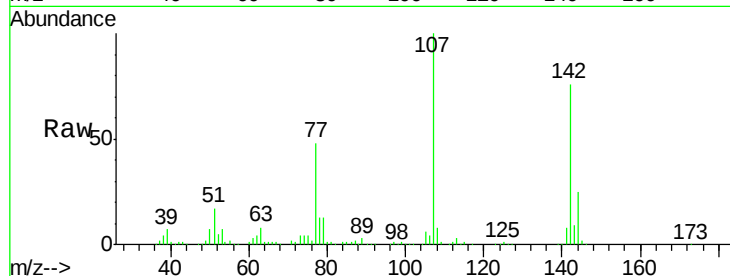




#36
 4-Chloro-3-methylphenol
 Concen: 47.44 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

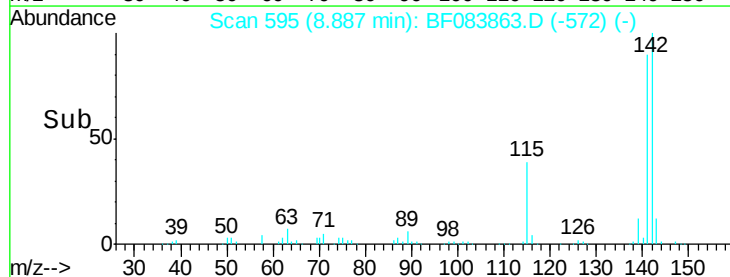
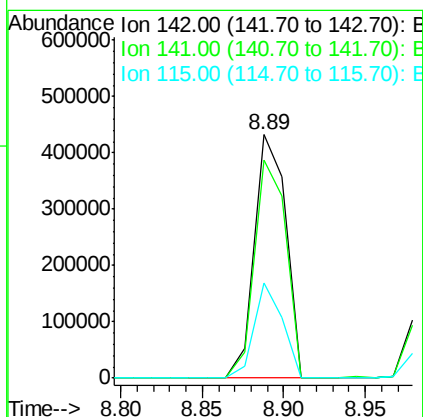
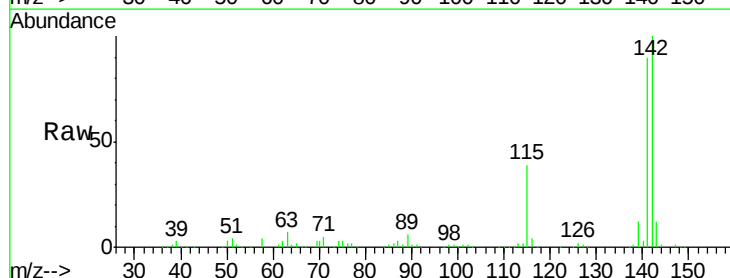
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

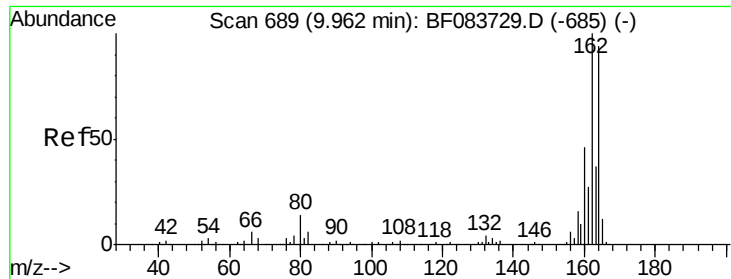
Tgt Ion:107 Resp: 295292
 Ion Ratio Lower Upper
 107 100
 144 24.7 17.5 26.3
 142 75.8 53.6 80.4



#37
 2-Methylnaphthalene
 Concen: 47.97 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion:142 Resp: 579384
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.3 105.5
 115 38.8 29.2 43.8

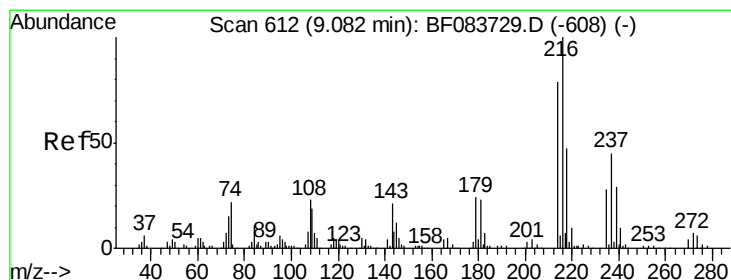
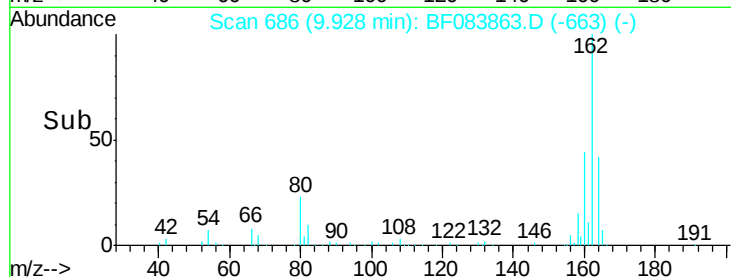
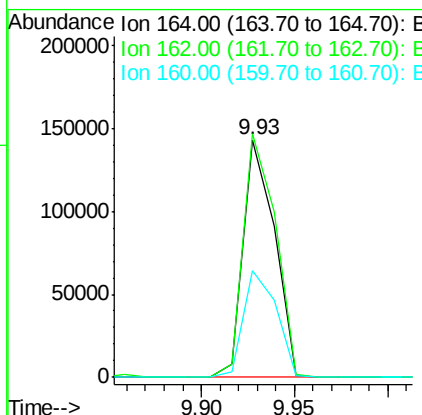
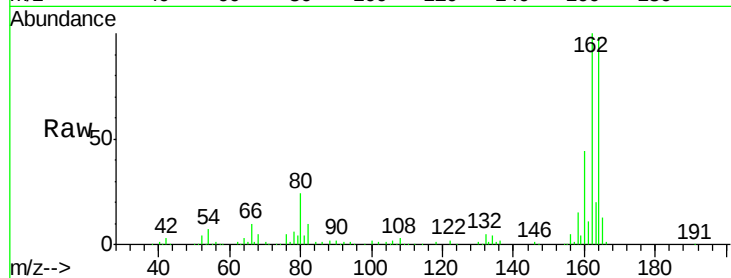




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

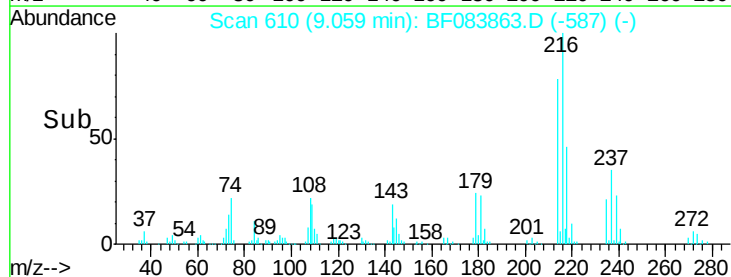
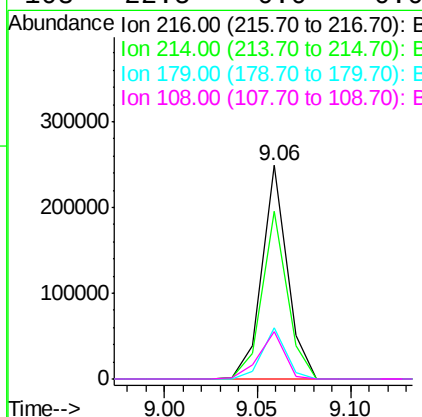
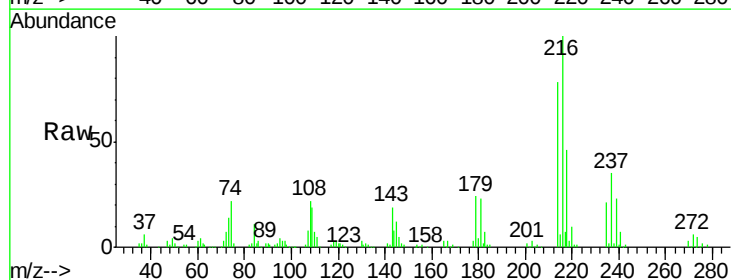
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

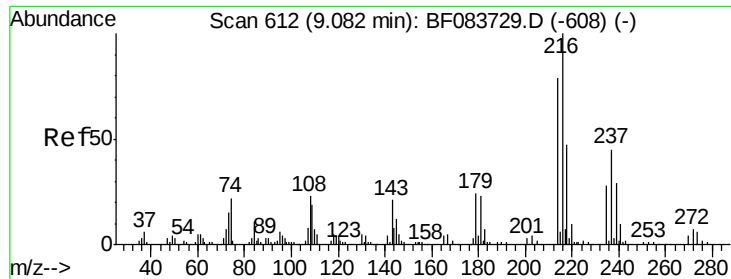
Tgt Ion:164 Resp: 166868
Ion Ratio Lower Upper
164 100
162 102.4 78.8 118.2
160 45.0 33.4 50.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.29 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:216 Resp: 232773
Ion Ratio Lower Upper
216 100
214 78.1 0.0 0.0#
179 23.0 0.0 0.0#
108 22.5 0.0 0.0#

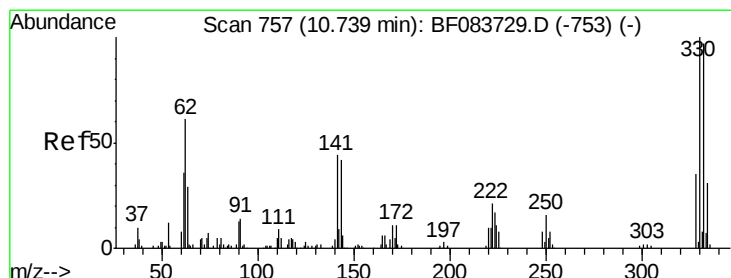
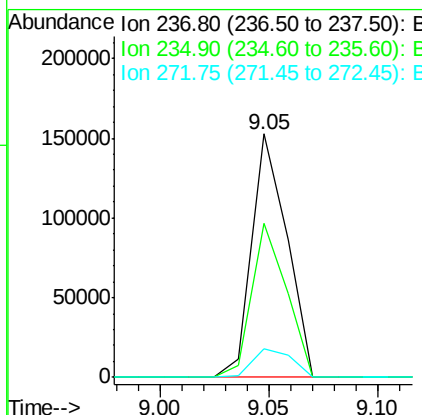
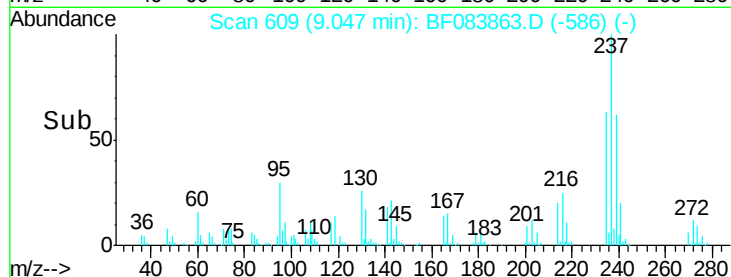
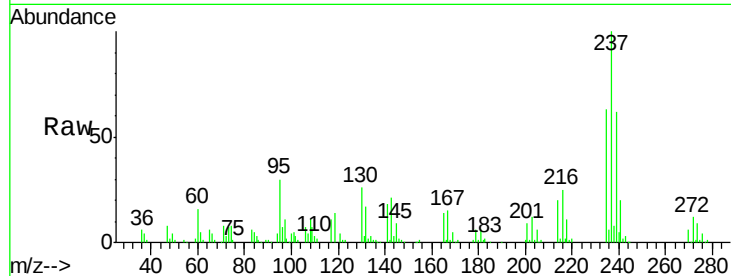




#40
Hexachlorocyclopentadiene
Concen: 68.94 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

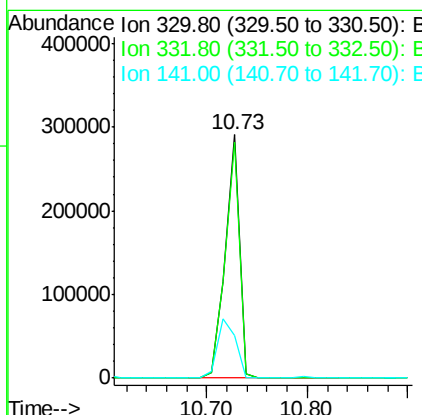
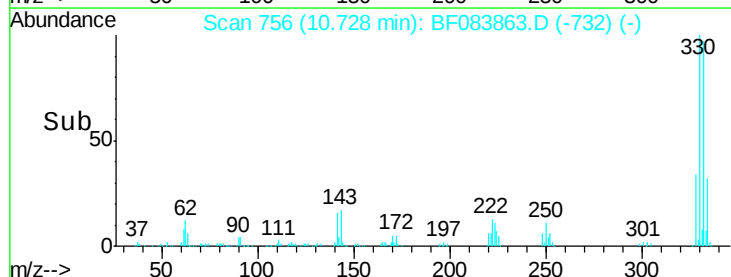
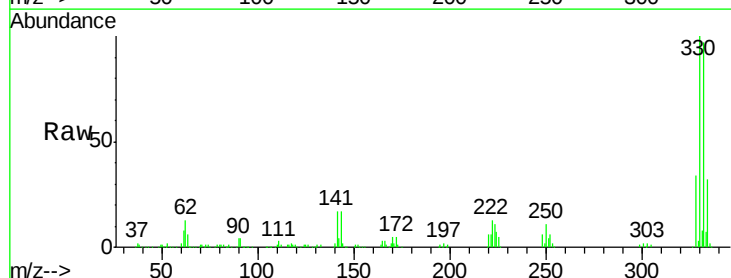
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

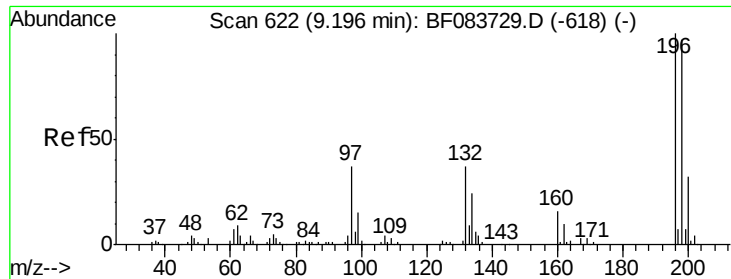
Tgt Ion: 237 Resp: 171959
Ion Ratio Lower Upper
237 100
235 63.5 43.9 83.9
272 11.5 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 170.38 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion: 330 Resp: 289704
Ion Ratio Lower Upper
330 100
332 97.3 0.0 0.0#
141 31.0 0.0 0.0#

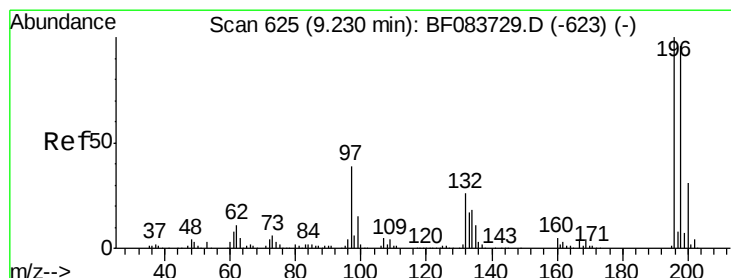
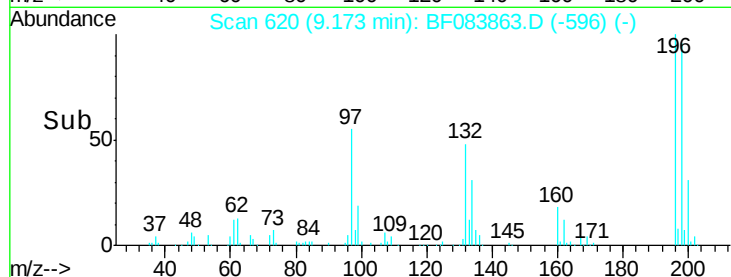
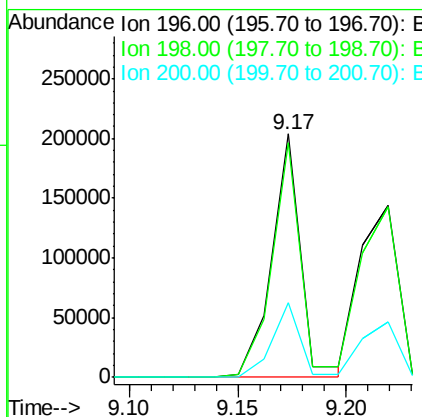
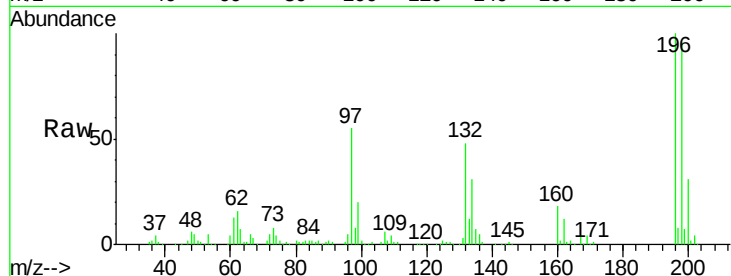




#42
 2,4,6-Trichlorophenol
 Concen: 52.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

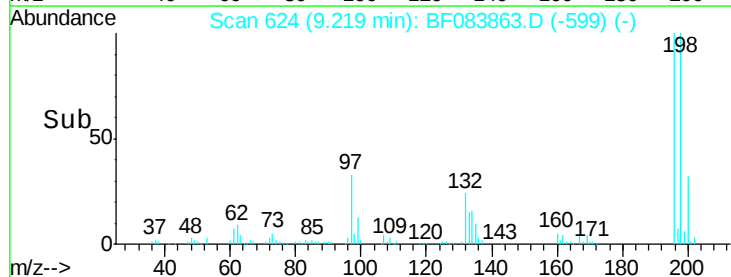
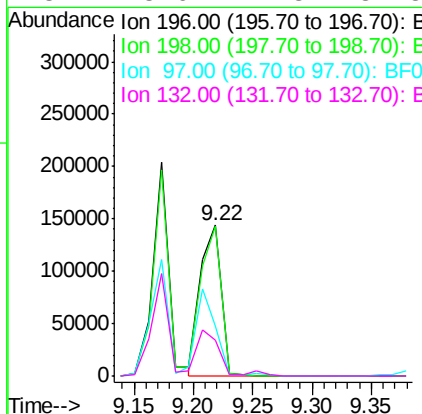
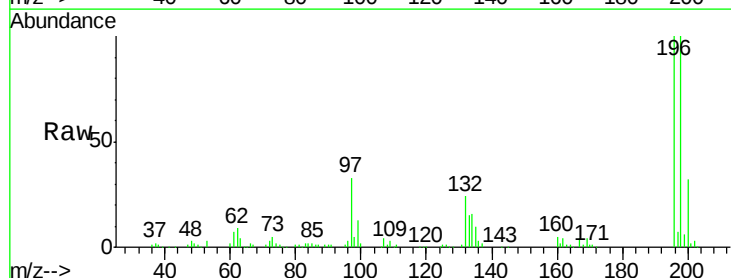
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

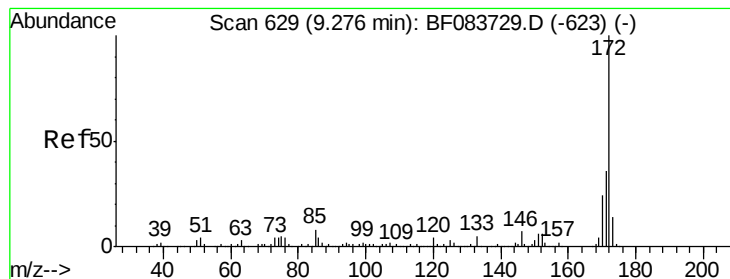
Tgt Ion:196 Resp: 189243
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.2 112.8
 200 30.7 23.0 34.6



#43
 2,4,5-Trichlorophenol
 Concen: 52.35 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion:196 Resp: 178916
 Ion Ratio Lower Upper
 196 100
 198 99.5 77.7 116.5
 97 33.4 41.2 61.8#
 132 23.6 21.8 32.8





#44

2-Fluorobiphenyl

Concen: 93.05 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

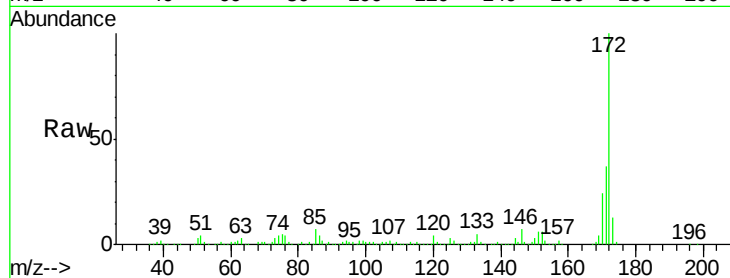
Tgt Ion:172 Resp: 1028809

Ion Ratio Lower Upper

172 100

171 36.8 28.6 42.8

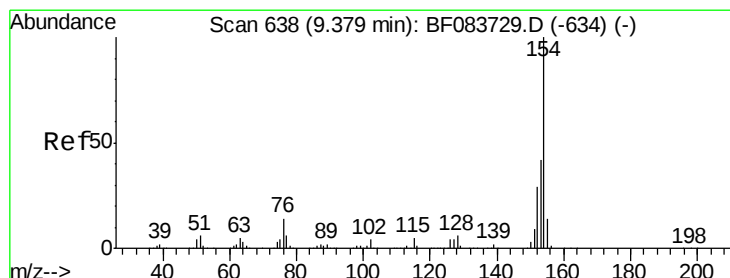
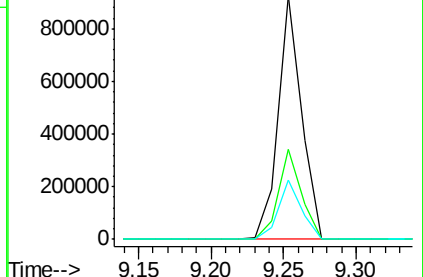
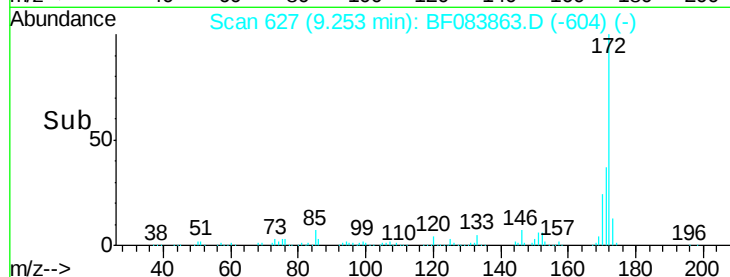
170 24.2 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.64 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

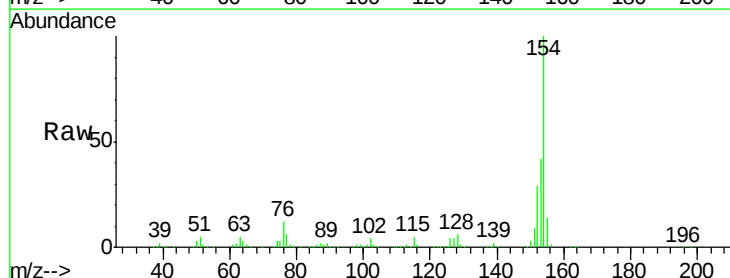
Tgt Ion:154 Resp: 689747

Ion Ratio Lower Upper

154 100

153 41.9 20.2 60.2

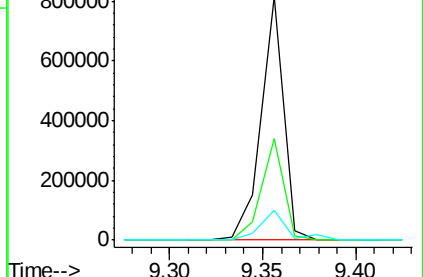
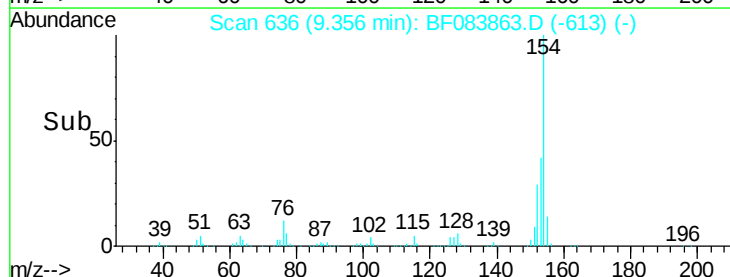
76 12.3 0.0 34.8

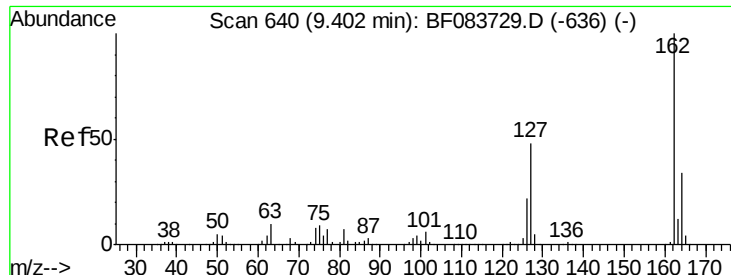


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

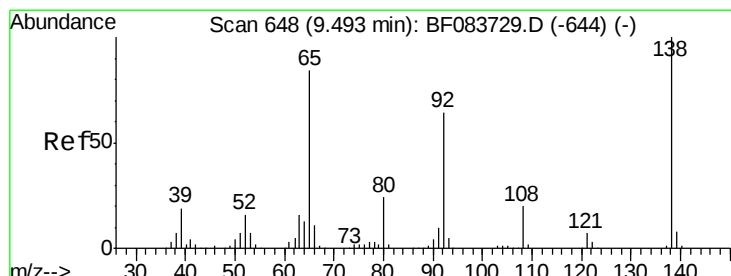
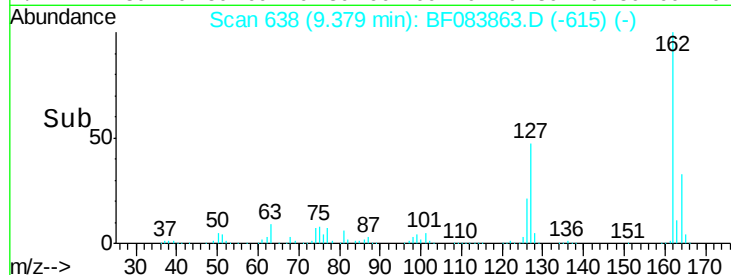
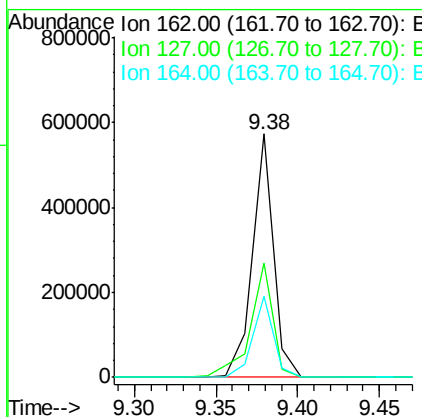
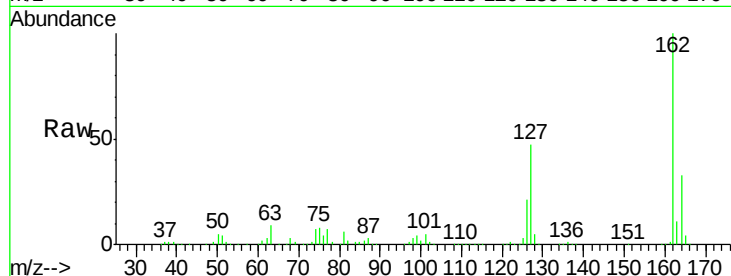




#46
 2-Chloronaphthalene
 Concen: 47.00 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

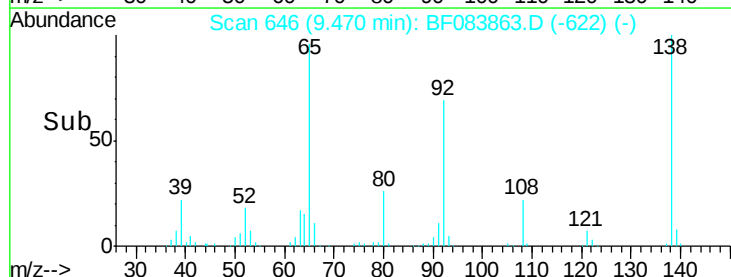
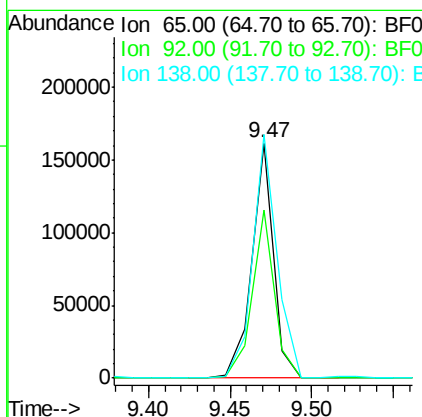
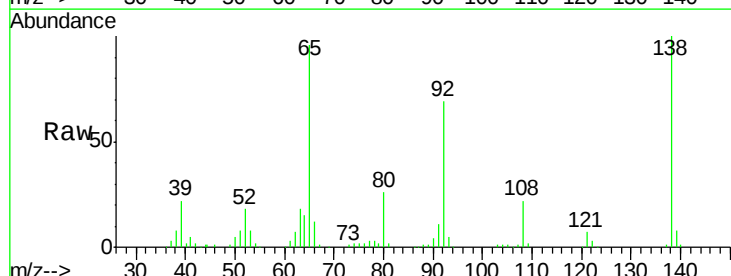
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

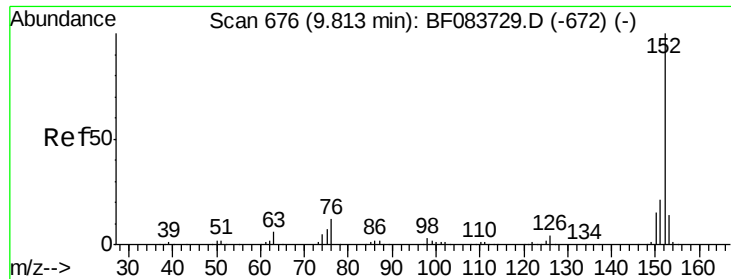
Tgt Ion: 162 Resp: 513076
 Ion Ratio Lower Upper
 162 100
 127 47.1 31.0 46.4#
 164 33.3 27.4 41.0



#47
 2-Nitroaniline
 Concen: 47.97 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion: 65 Resp: 148506
 Ion Ratio Lower Upper
 65 100
 92 71.7 49.6 74.4
 138 103.6 64.1 96.1#





#48

Acenaphthylene

Concen: 46.22 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

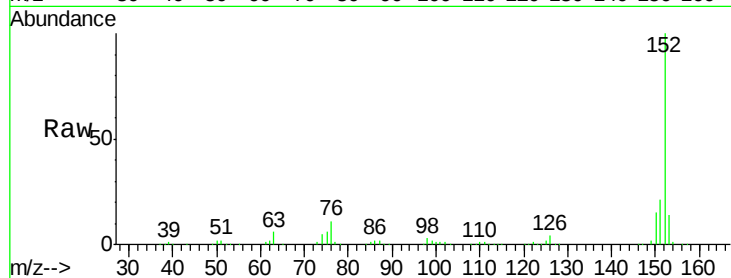
Tgt Ion:152 Resp: 848893

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

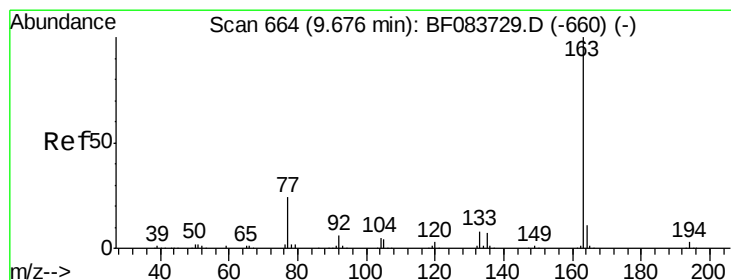
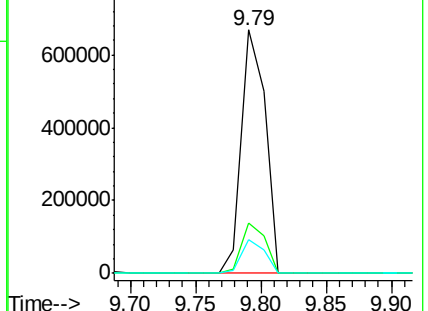
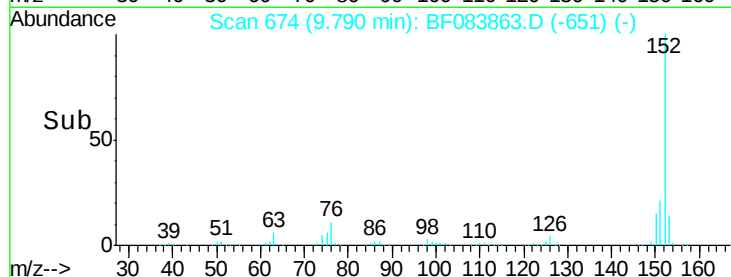
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 73.01 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

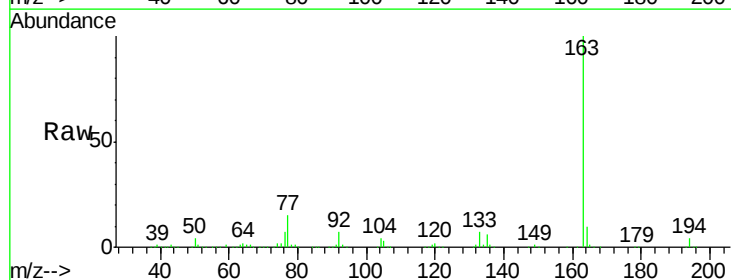
Tgt Ion:163 Resp: 949782

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

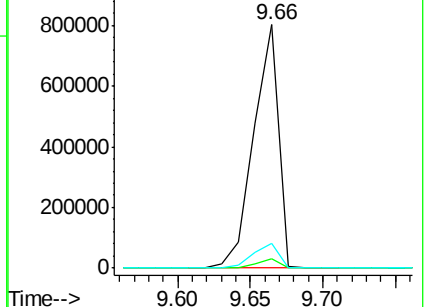
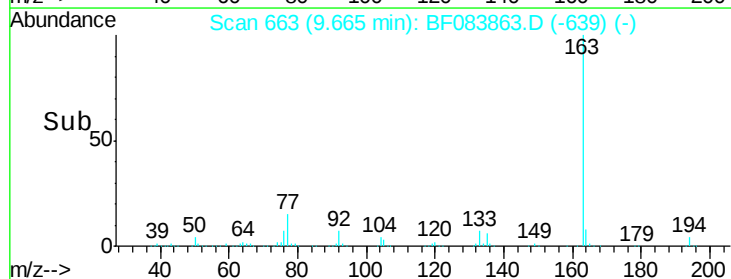
164 10.3 8.6 13.0

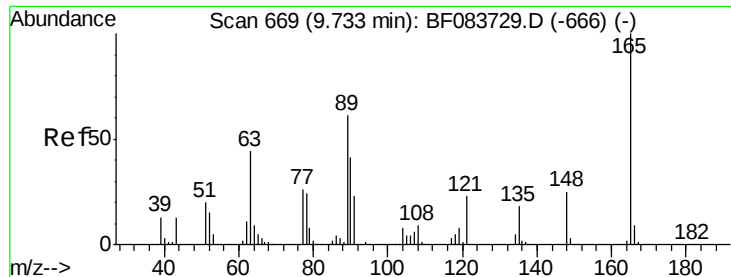


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

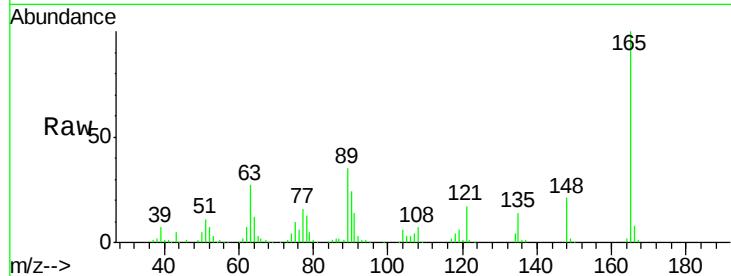




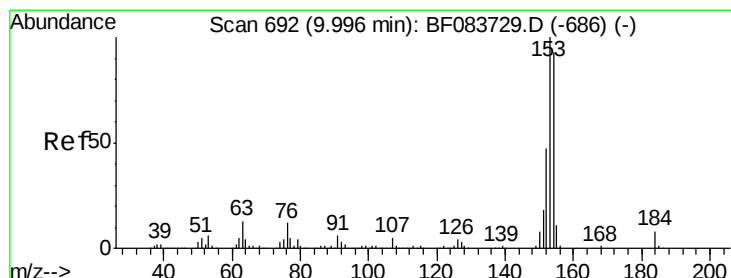
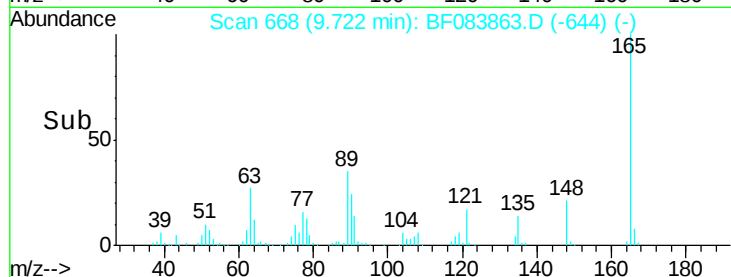
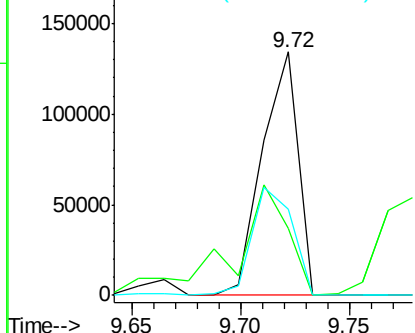
#50
2,6-Dinitrotoluene
Concen: 56.29 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion:165 Resp: 155426
Ion Ratio Lower Upper
165 100
63 27.5 56.9 85.3#
89 35.2 52.1 78.1#

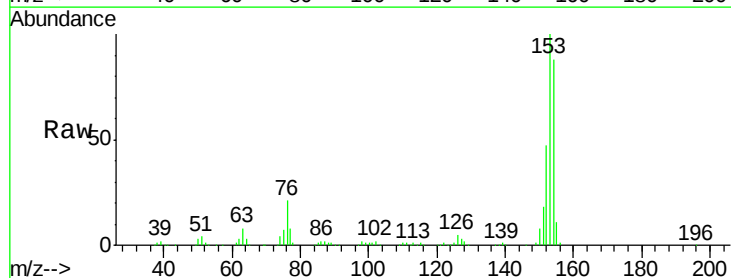


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

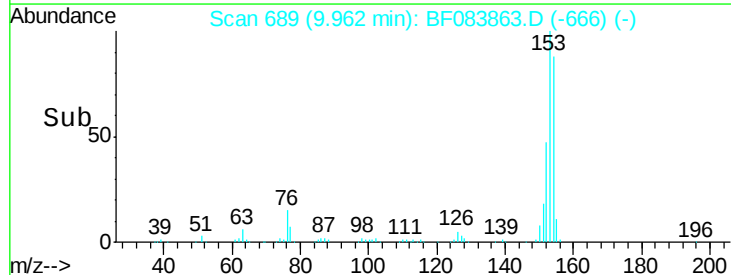
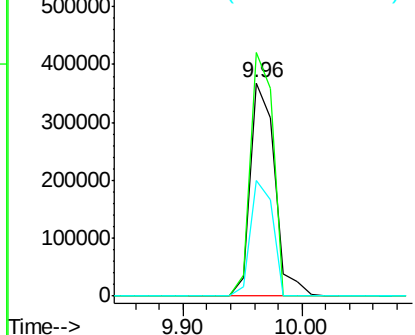


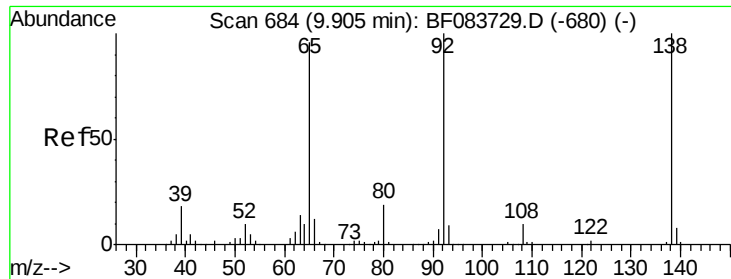
#51
Acenaphthene
Concen: 48.04 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:154 Resp: 533399
Ion Ratio Lower Upper
154 100
153 114.2 91.4 137.0
152 54.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

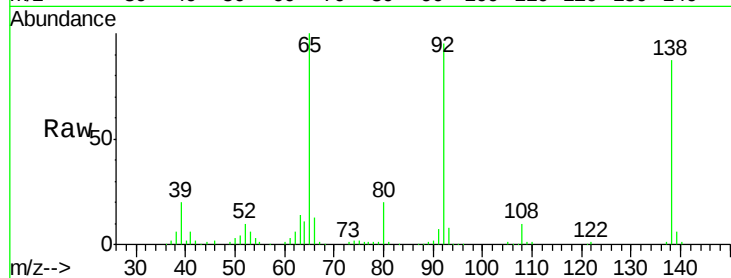




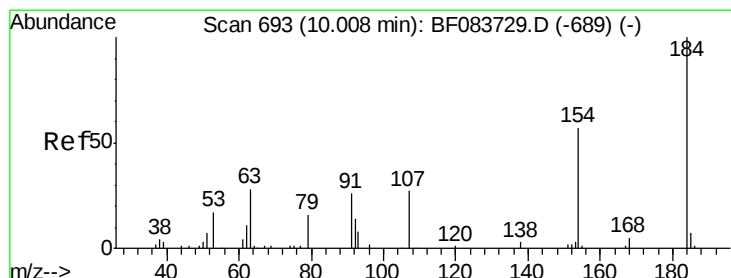
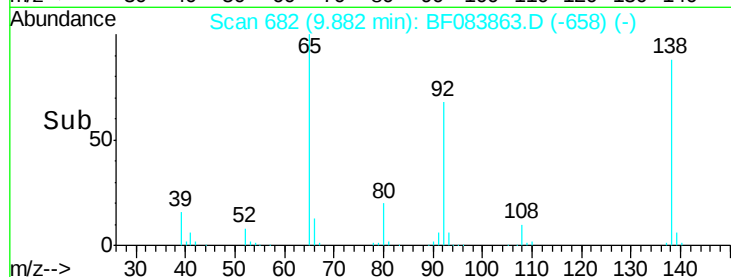
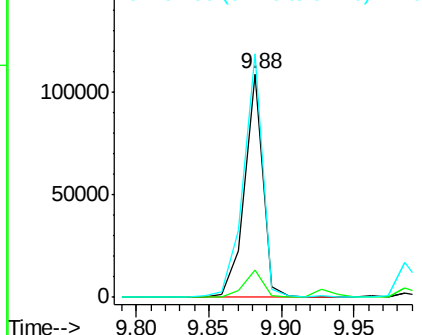
#52
3-Nitroaniline
Concen: 30.18 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion:138 Resp: 96071
Ion Ratio Lower Upper
138 100
108 12.0 9.9 14.9
92 109.0 113.8 170.8#

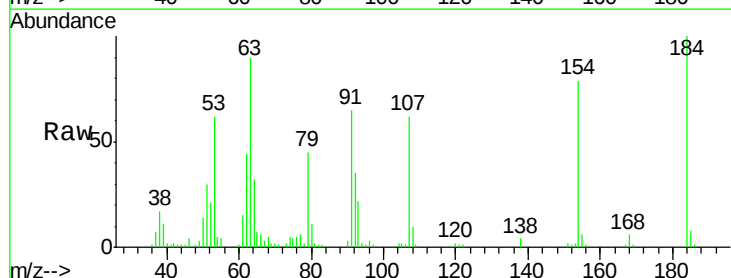


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

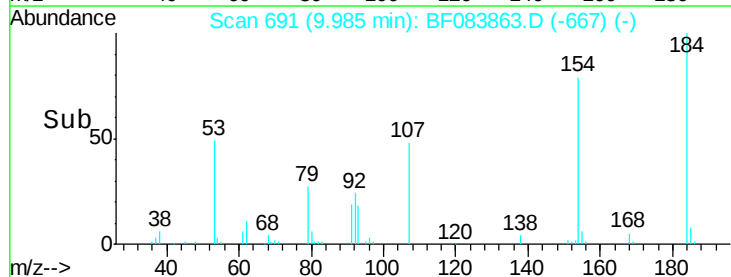
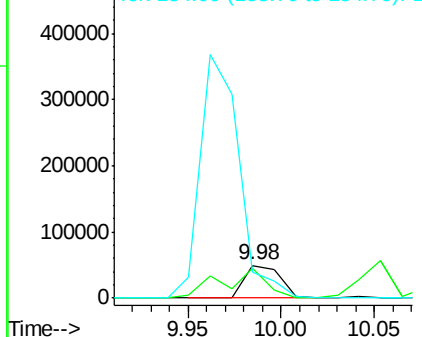


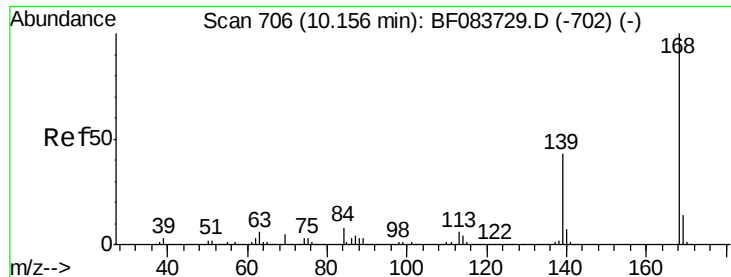
#53
2,4-Dinitrophenol
Concen: 54.15 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:184 Resp: 67027
Ion Ratio Lower Upper
184 100
63 89.8 62.4 93.6
154 79.1 46.6 69.8#



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

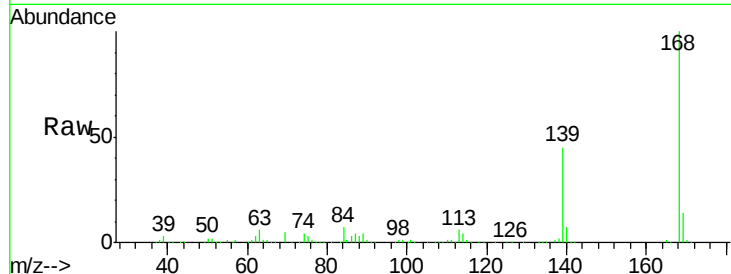




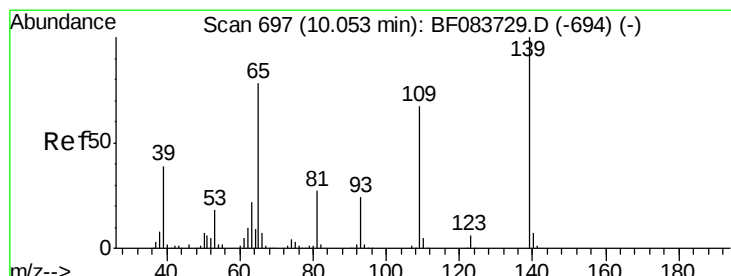
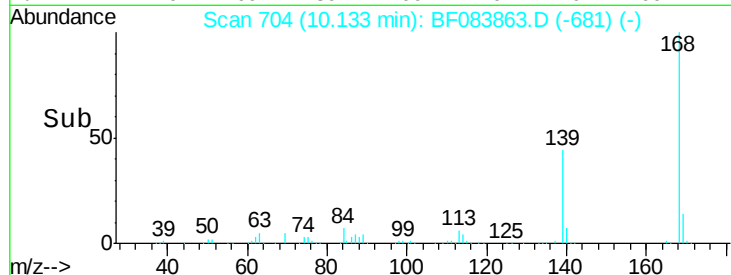
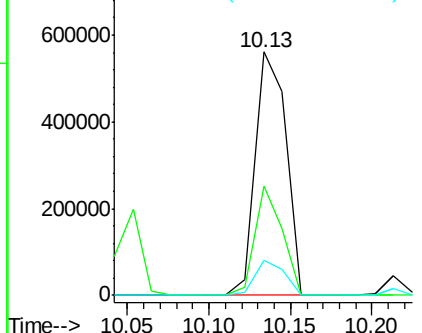
#54
Dibenzofuran
Concen: 49.88 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion:168 Resp: 733862
Ion Ratio Lower Upper
168 100
139 44.7 28.0 42.0#
169 14.2 10.8 16.2

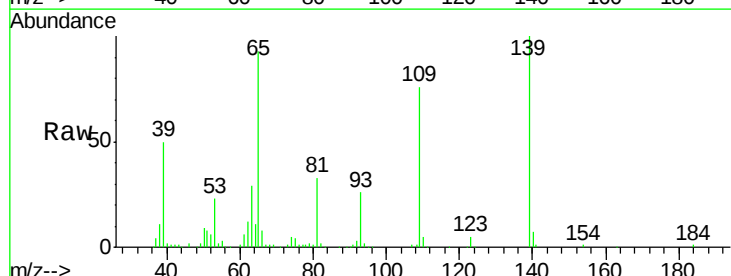


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

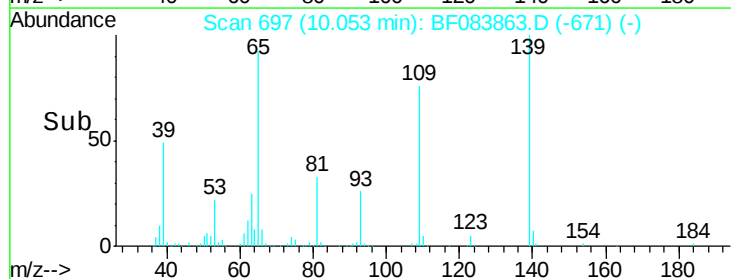
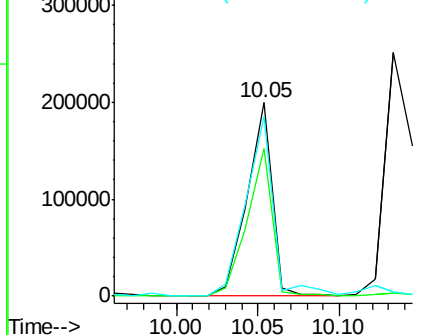


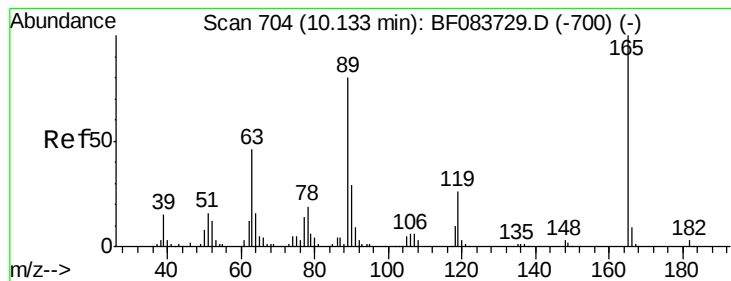
#55
4-Nitrophenol
Concen: 90.14 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:139 Resp: 212471
Ion Ratio Lower Upper
139 100
109 76.2 42.0 82.0
65 92.6 89.2 129.2



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: 55.04 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

Tgt Ion:165 Resp: 198522

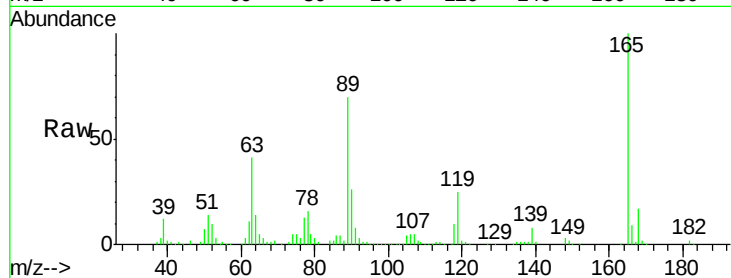
Ion Ratio Lower Upper

165 100

63 41.1 51.4 77.2#

89 70.0 72.6 108.8#

182 2.4 1.4 2.0#

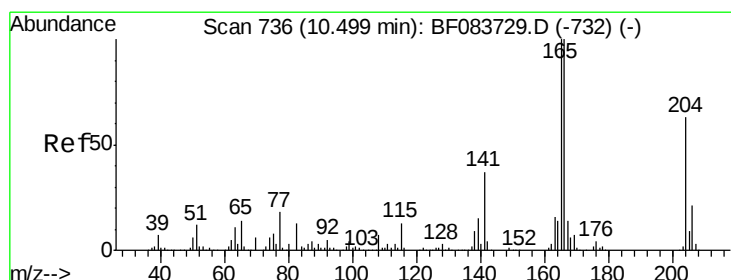
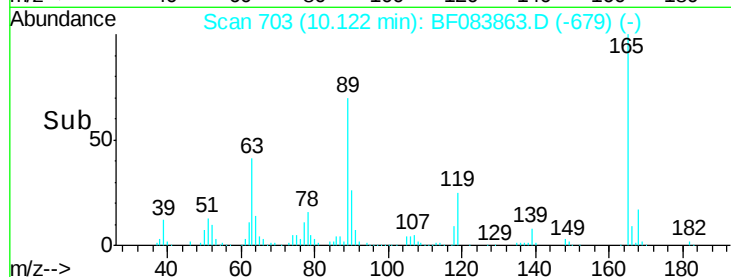
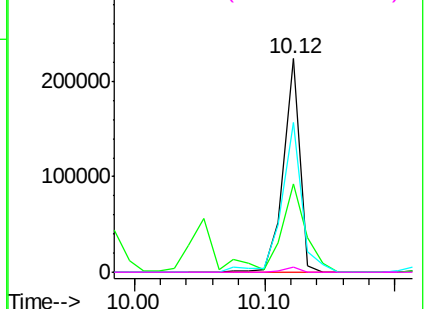


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.44 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

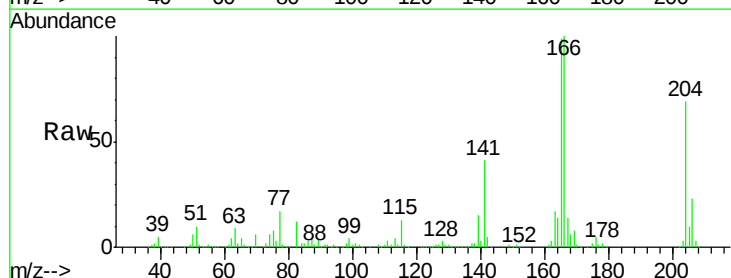
Tgt Ion:166 Resp: 549606

Ion Ratio Lower Upper

166 100

165 99.5 80.0 120.0

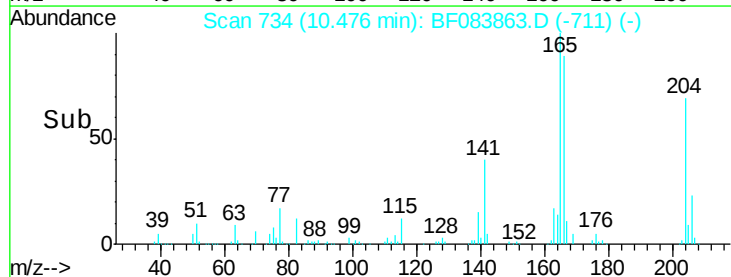
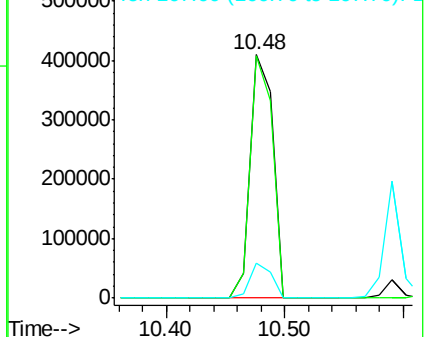
167 14.3 10.6 16.0

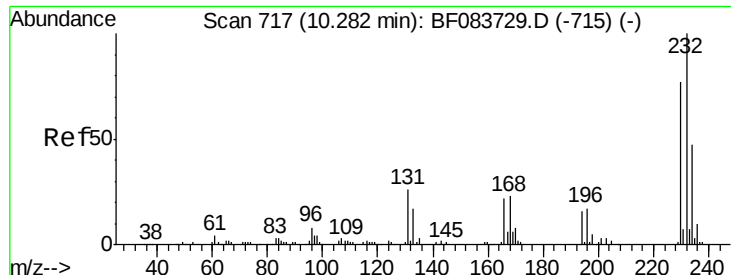


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

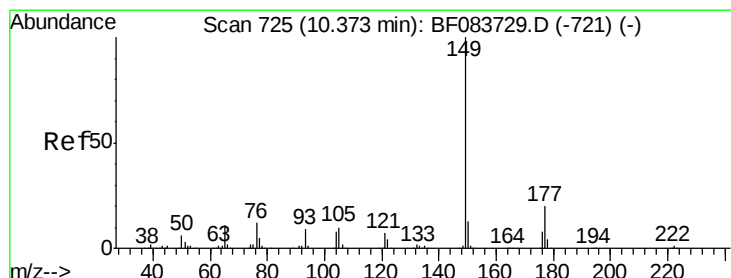
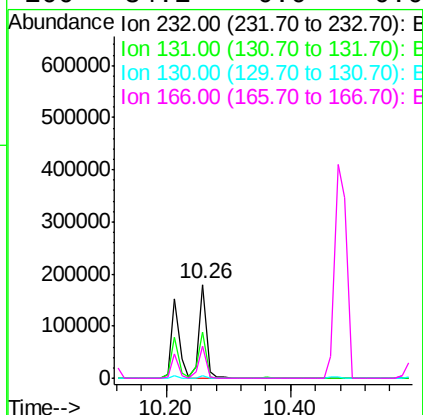
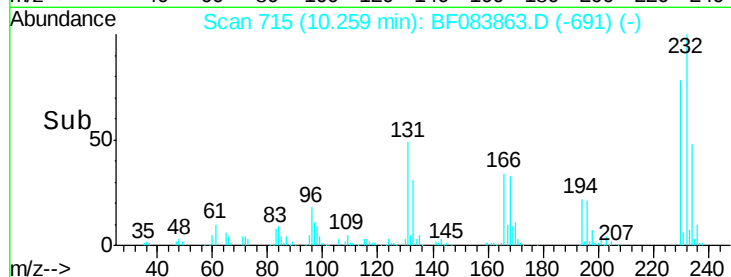
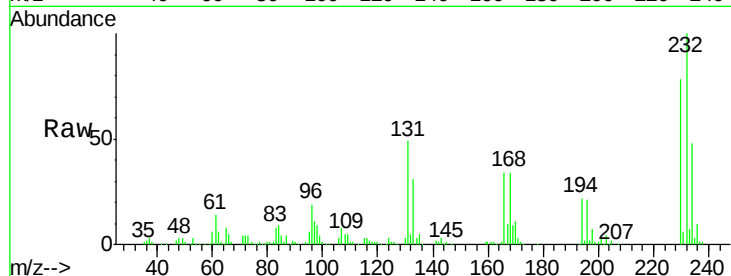




#58
2,3,4,6-Tetrachlorophenol
Concen: 59.60 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

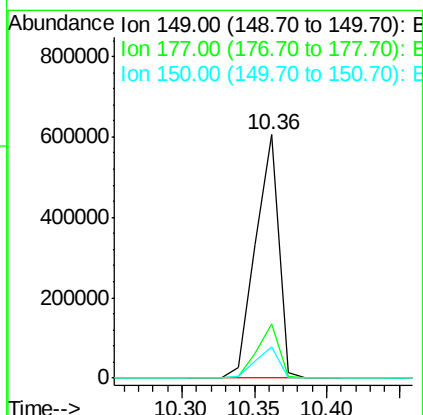
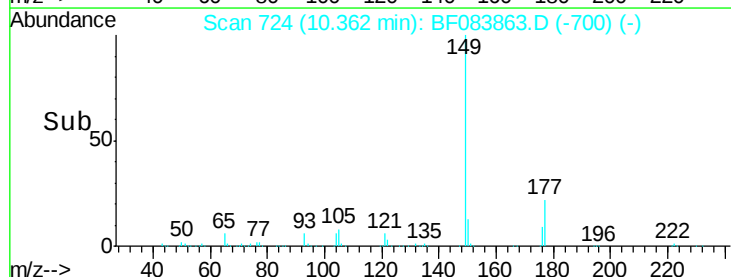
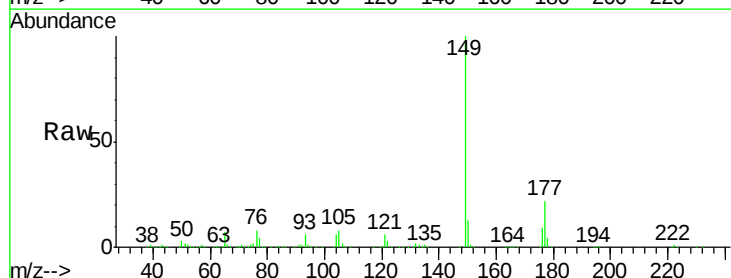
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

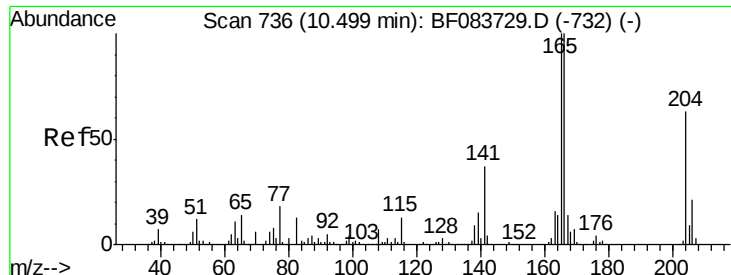
Tgt Ion:232 Resp: 152794
Ion Ratio Lower Upper
232 100
131 52.3 0.0 0.0#
130 2.6 0.0 0.0#
166 34.1 0.0 0.0#



#59
Diethylphthalate
Concen: 51.09 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:149 Resp: 672844
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.9 10.2 15.4

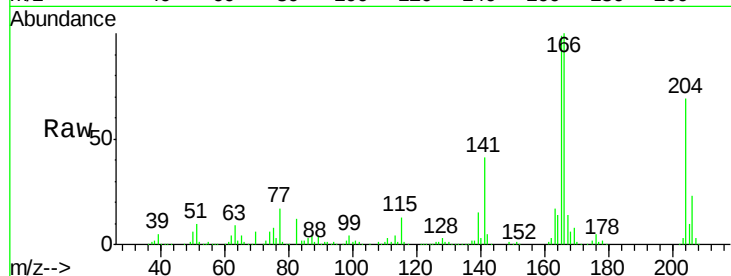




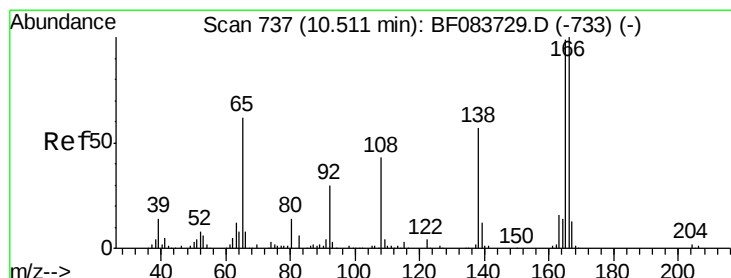
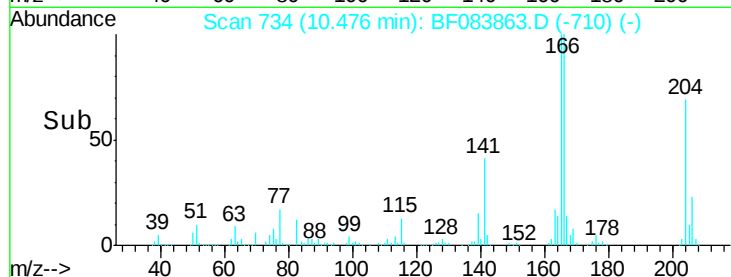
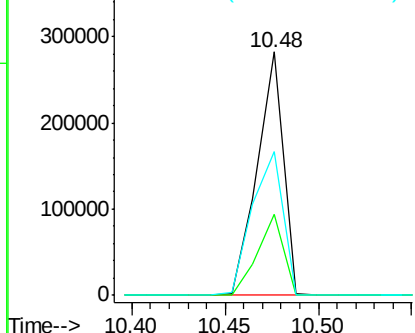
#60
 4-Chlorophenyl-phenylether
 Concen: 51.65 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

Tgt Ion:204 Resp: 272858
 Ion Ratio Lower Upper
 204 100
 206 33.1 27.3 40.9
 141 59.2 51.9 77.9

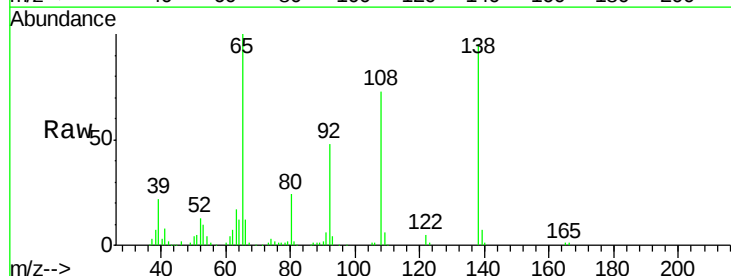


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

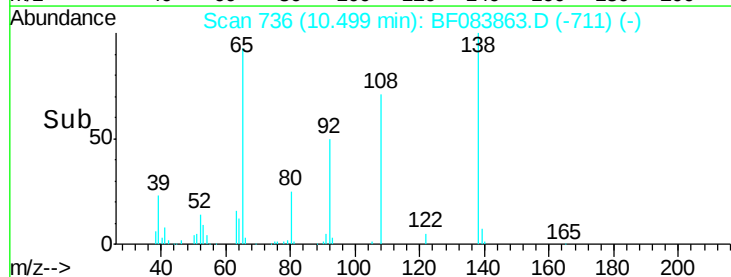
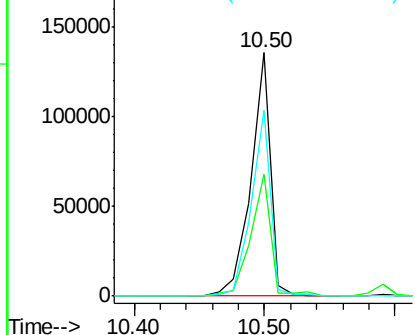


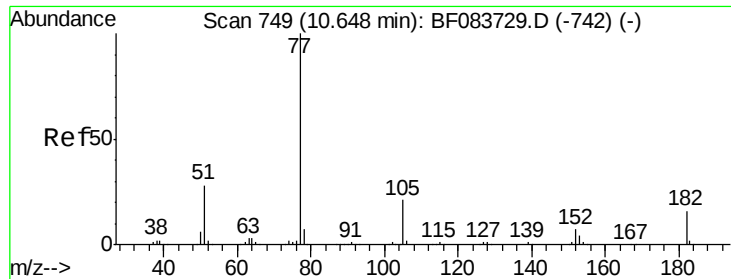
#61
 4-Nitroaniline
 Concen: 50.52 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion:138 Resp: 141759
 Ion Ratio Lower Upper
 138 100
 92 50.2 29.0 69.0
 108 76.6 47.4 87.4



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

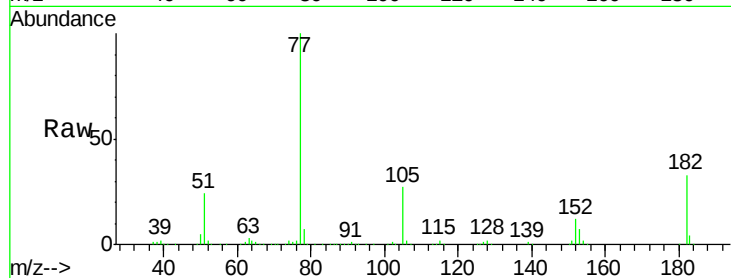




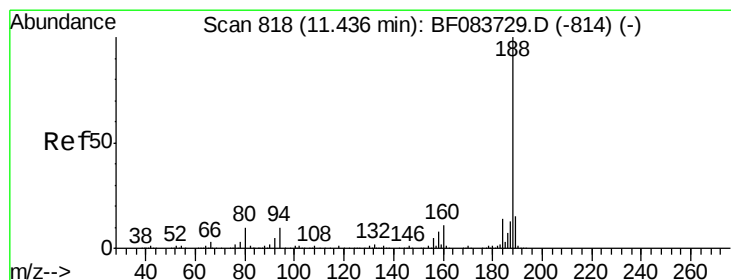
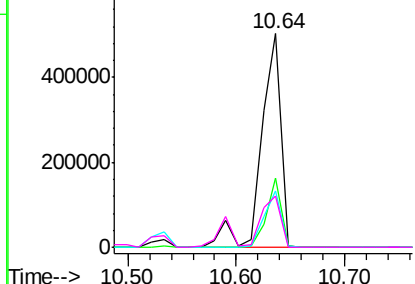
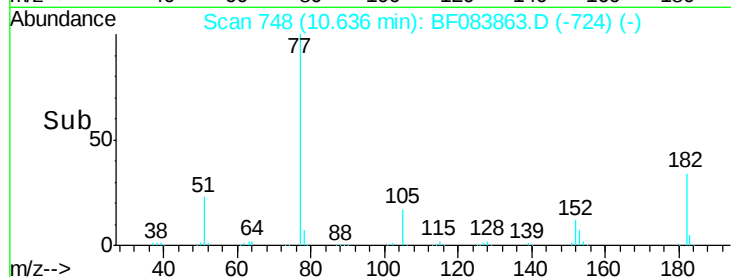
#62
Azobenzene
Concen: 53.23 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.6	2.5	42.5
105	26.6	2.1	42.1
51	24.0	9.3	49.3

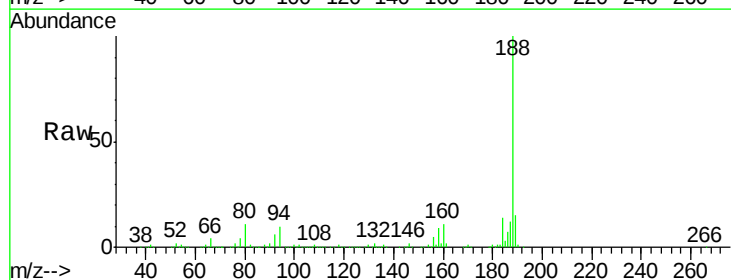


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

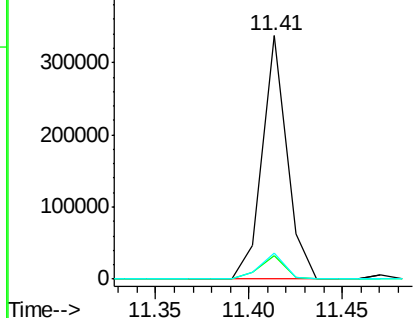
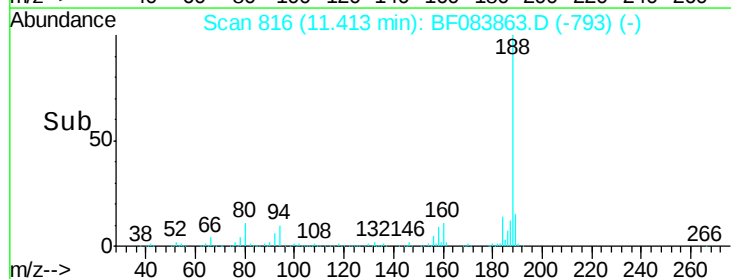


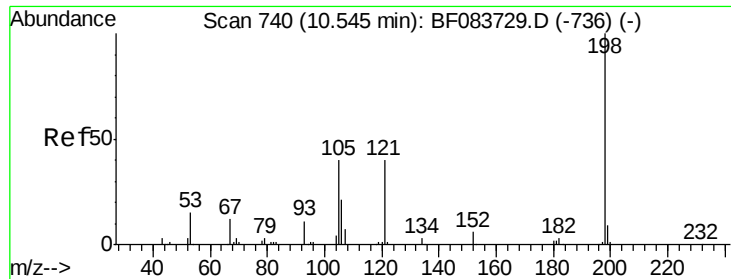
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.8	10.6	16.0



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

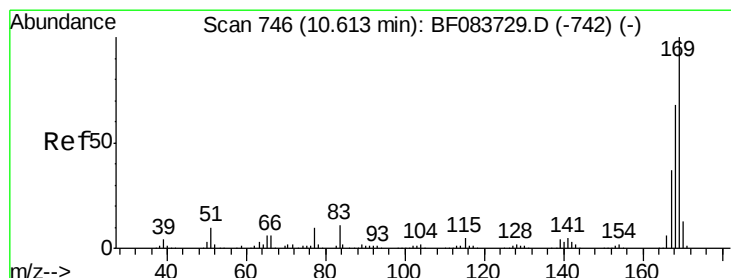
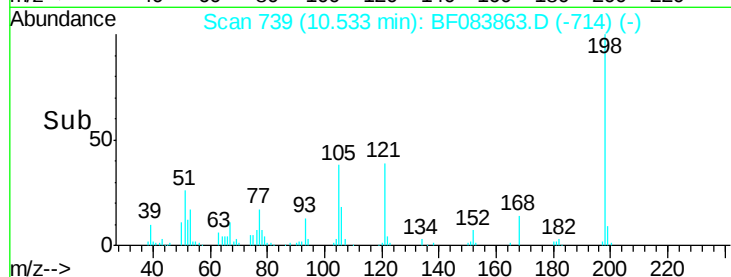
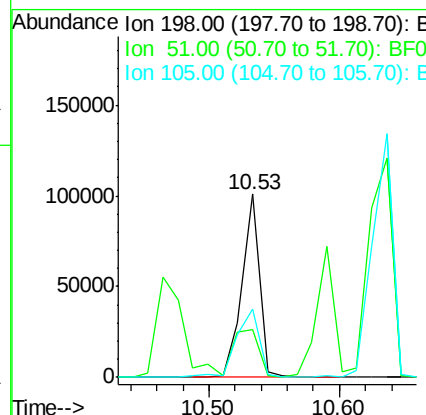
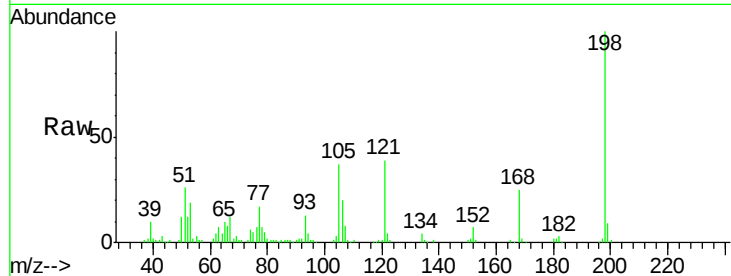




#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.74 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

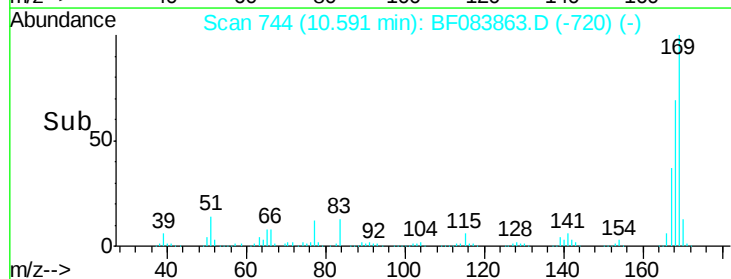
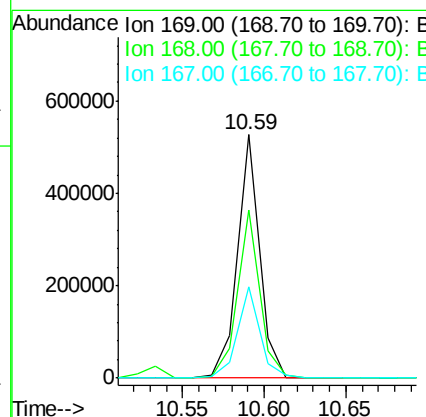
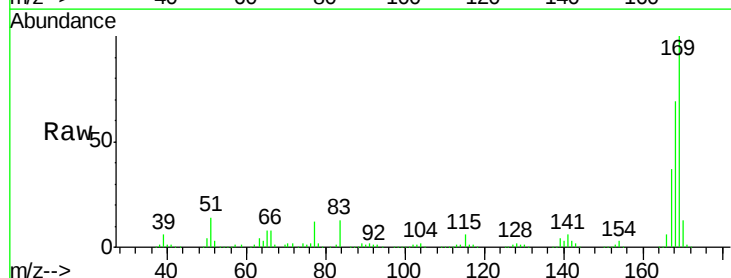
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

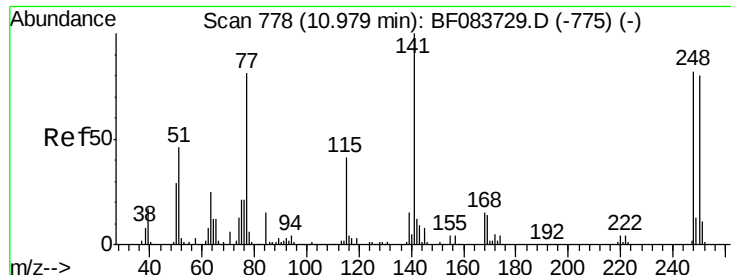
Tgt Ion:198 Resp: 93813
 Ion Ratio Lower Upper
 198 100
 51 25.8 53.8 93.8#
 105 37.1 38.6 78.6#



#65
 n-Nitrosodiphenylamine
 Concen: 46.76 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion:169 Resp: 490616
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.0 79.6
 167 37.4 29.3 43.9

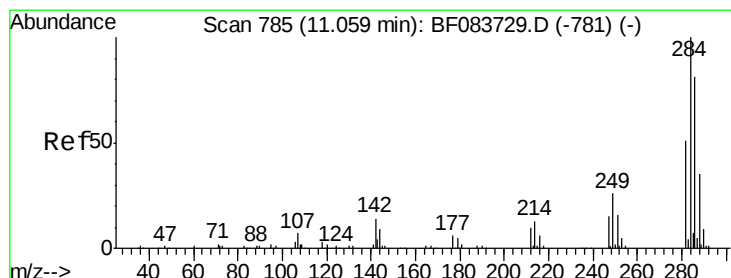
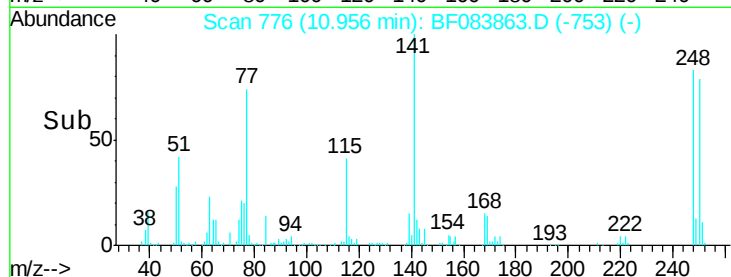
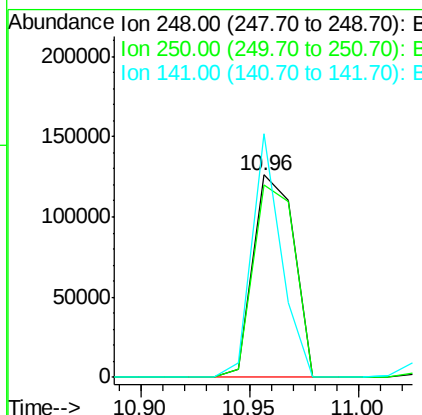
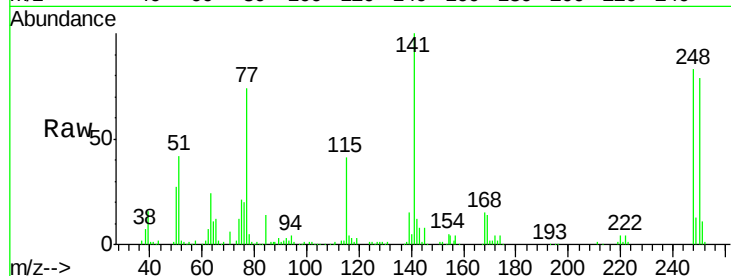




#66
4-Bromophenyl-phenylether
Concen: 48.34 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

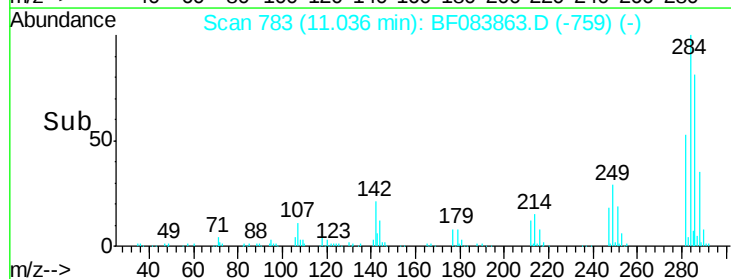
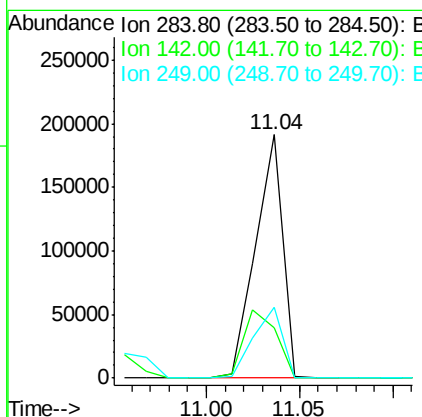
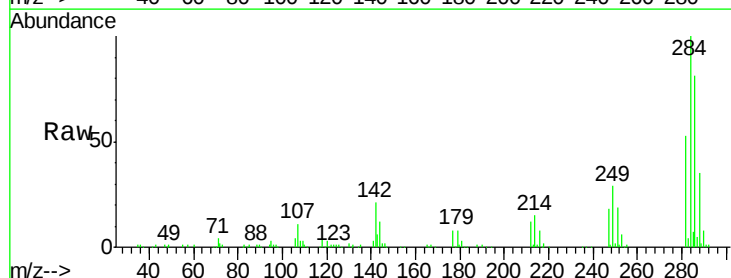
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

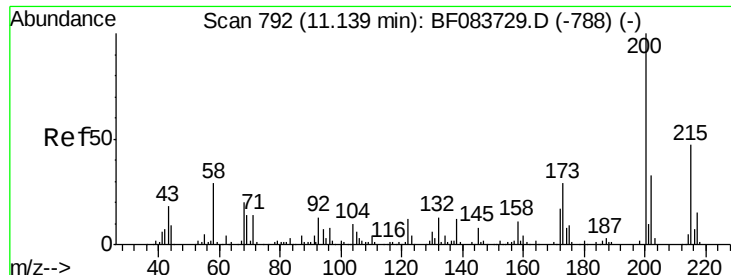
Tgt Ion:248 Resp: 165821
Ion Ratio Lower Upper
248 100
250 95.3 79.2 118.8
141 120.3 58.2 87.4#



#67
Hexachlorobenzene
Concen: 52.85 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:284 Resp: 196187
Ion Ratio Lower Upper
284 100
142 20.8 31.0 46.4#
249 29.2 26.9 40.3

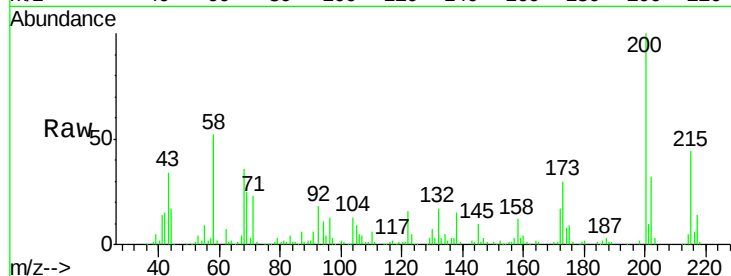




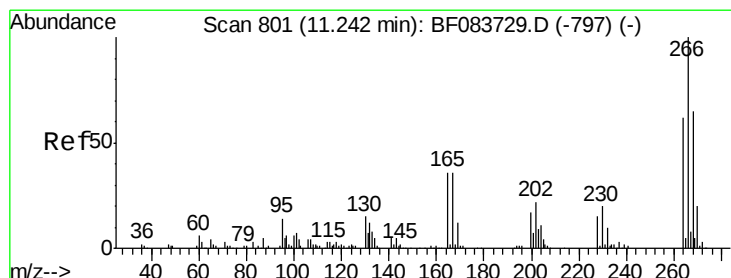
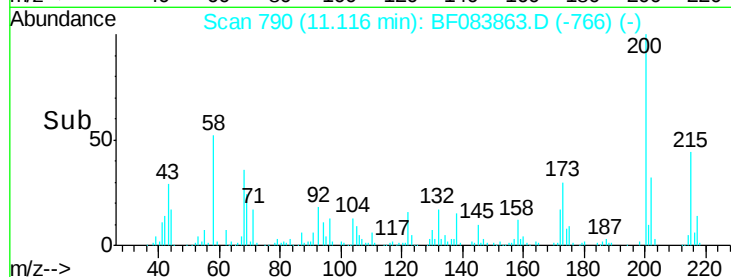
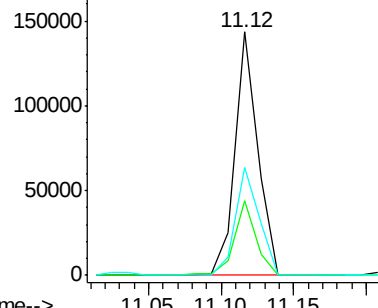
#68
Atrazine
Concen: 52.30 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	7.8	47.8
215	44.3	25.7	65.7

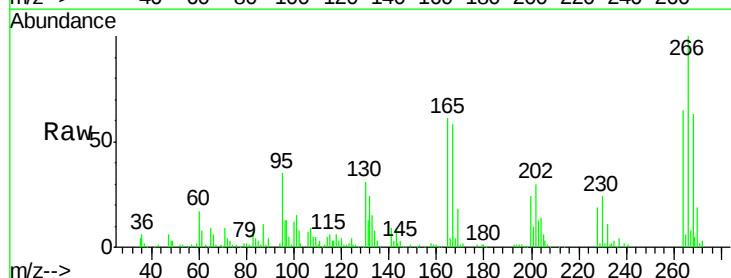


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

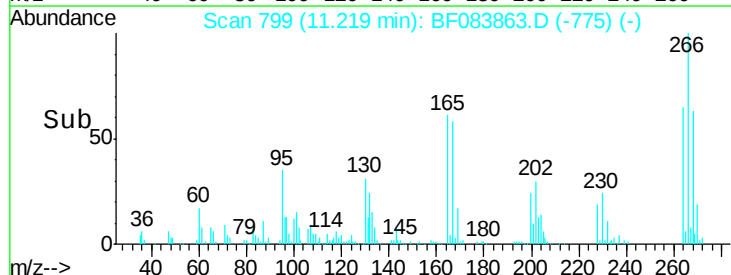
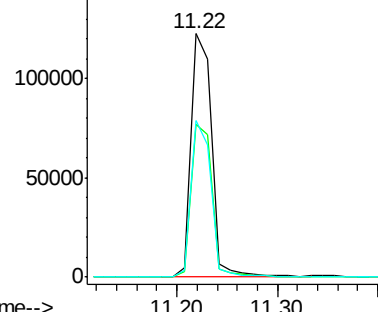


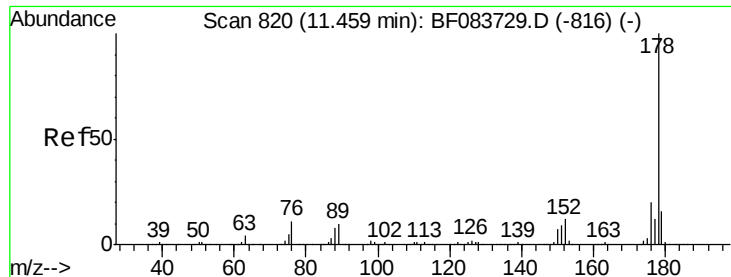
#69
Pentachlorophenol
Concen: 83.23 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.2	75.2
264	64.5	51.4	77.2



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

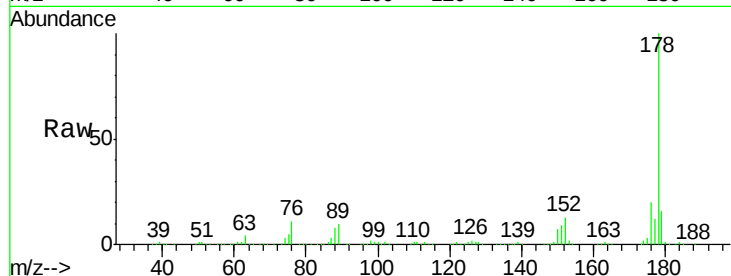




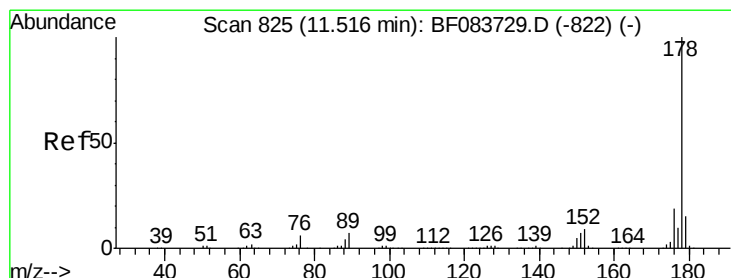
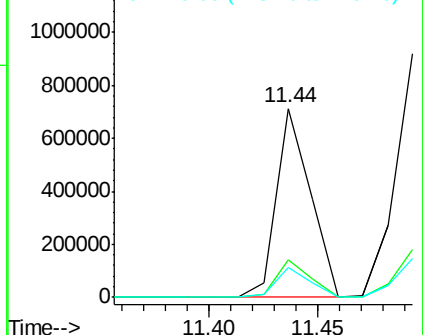
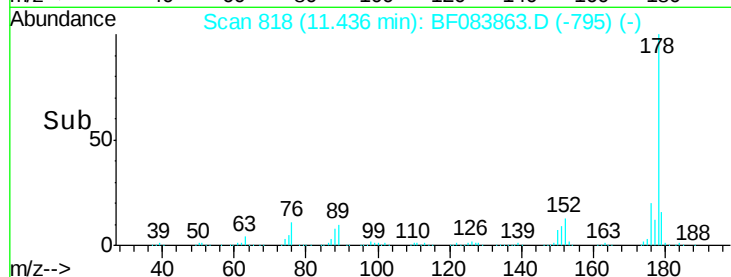
#70
Phenanthrene
Concen: 47.96 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

Tgt Ion:178 Resp: 781741
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.1 12.2 18.4

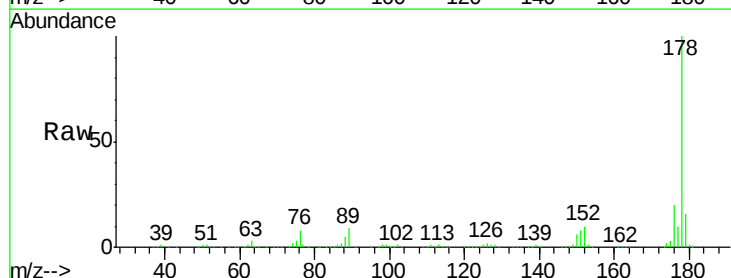


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

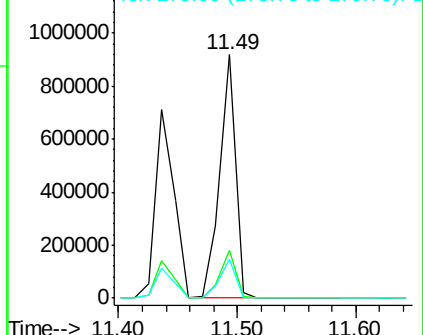
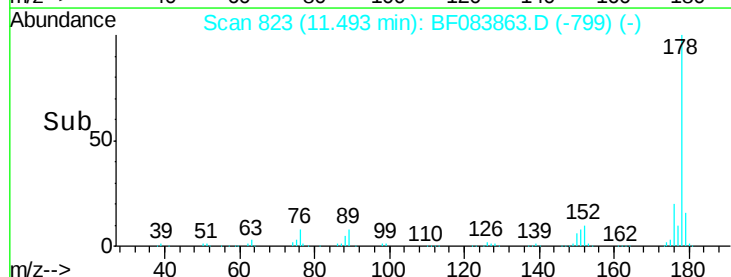


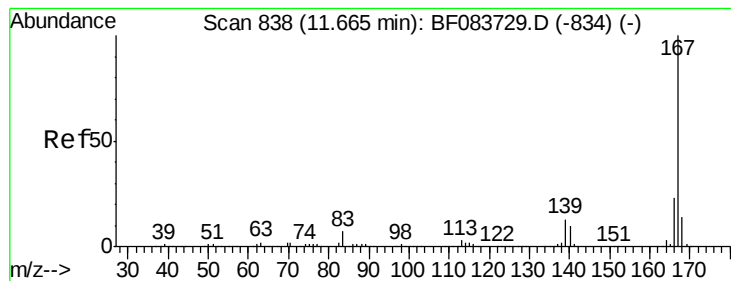
#71
Anthracene
Concen: 49.56 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:178 Resp: 839027
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 16.0 12.6 18.8



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: 45.97 ng

RT: 11.64 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

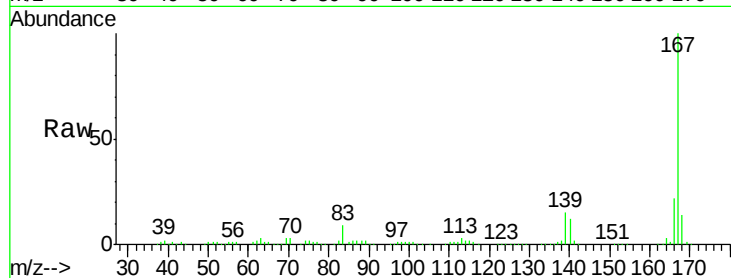
Tgt Ion:167 Resp: 725100

Ion Ratio Lower Upper

167 100

166 22.4 17.2 25.8

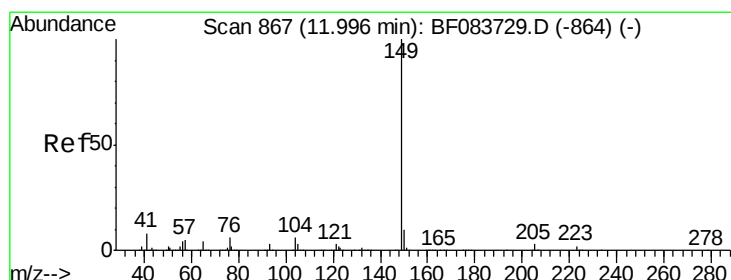
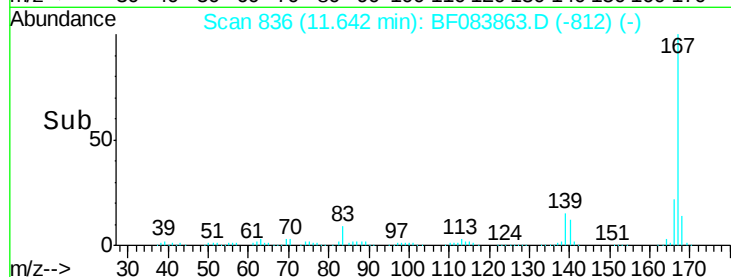
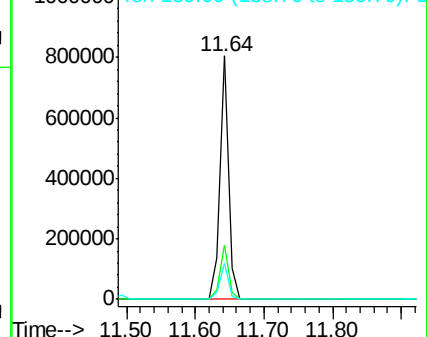
139 14.8 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 48.95 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

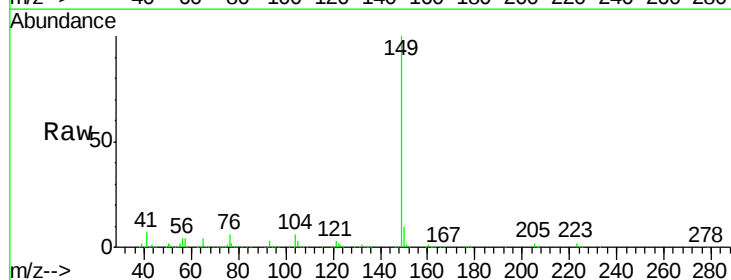
Tgt Ion:149 Resp: 937653

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

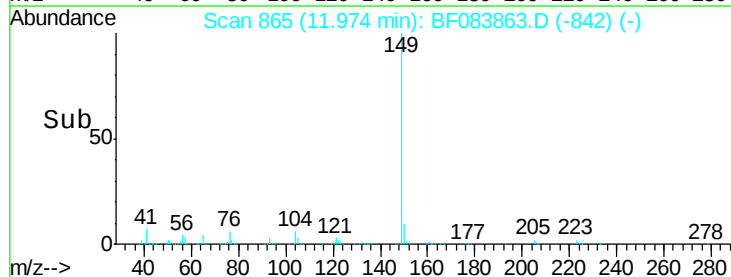
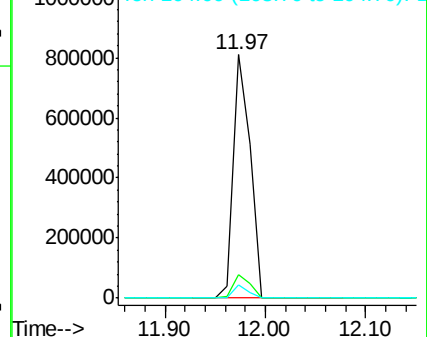
104 5.6 3.9 5.9

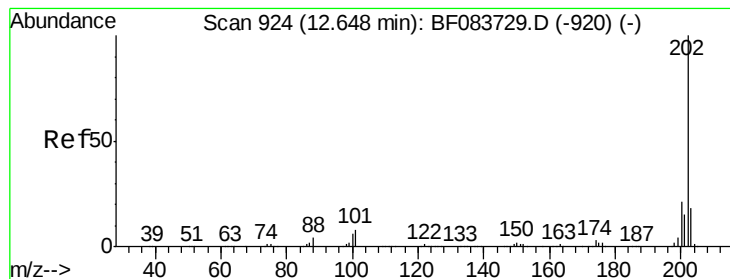


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 48.07 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

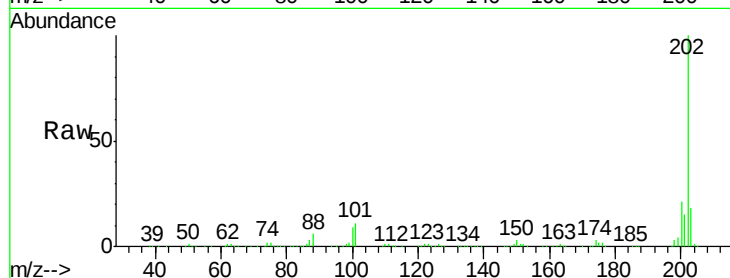
Tgt Ion:202 Resp: 809541

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

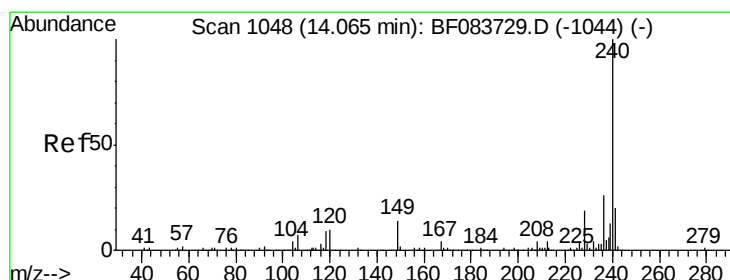
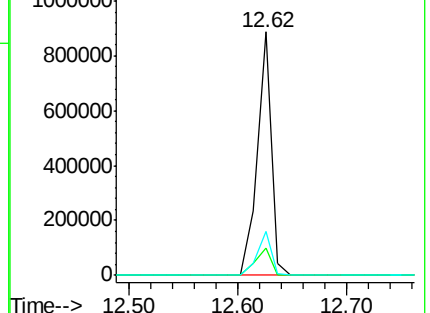
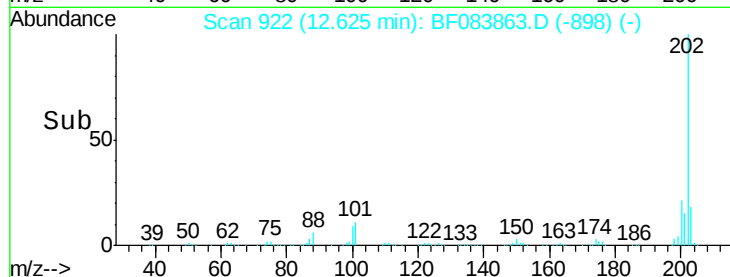
203 18.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

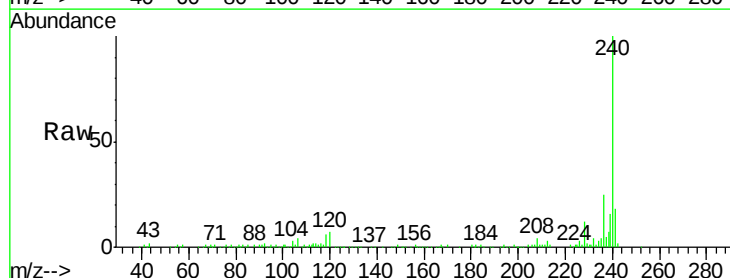
Tgt Ion:240 Resp: 177140

Ion Ratio Lower Upper

240 100

120 6.5 8.1 12.1#

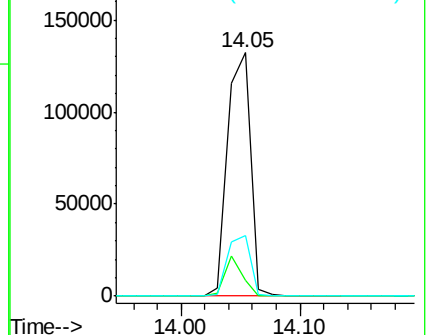
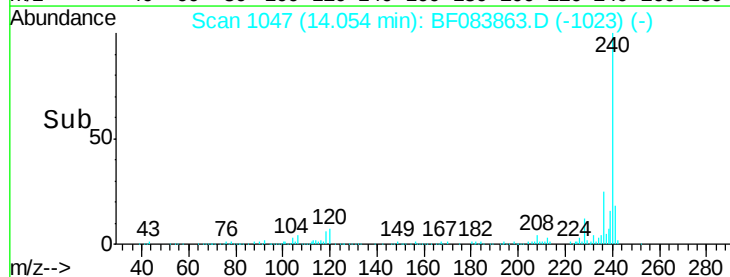
236 24.9 20.8 31.2

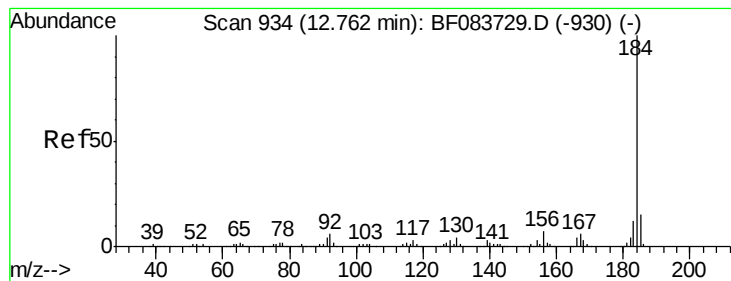


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 52.09 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

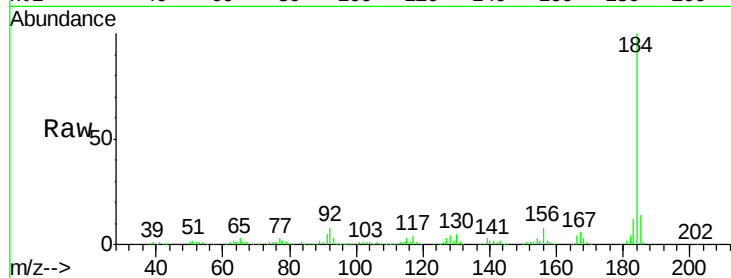
Tgt Ion:184 Resp: 281203

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

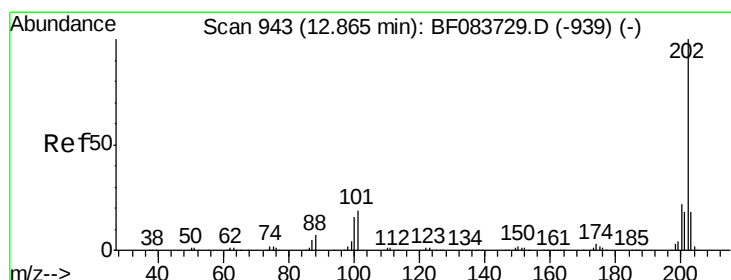
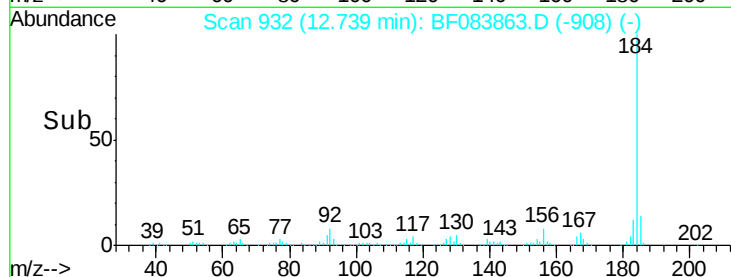
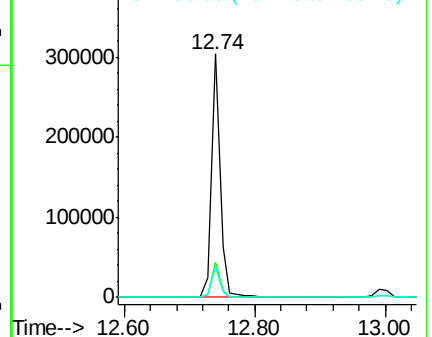
183 12.0 9.0 13.4



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: 57.78 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

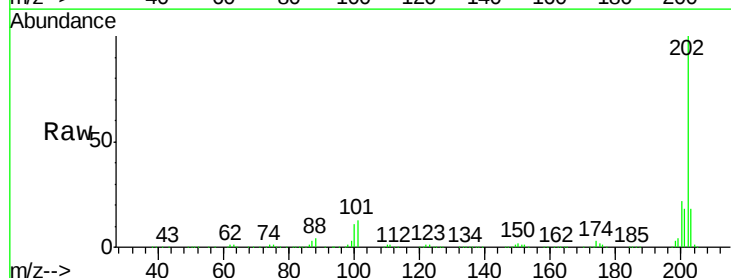
Tgt Ion:202 Resp: 809002

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

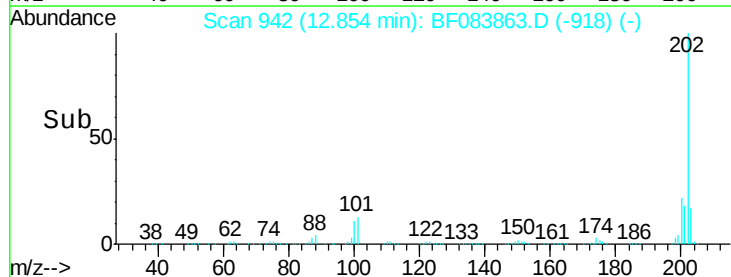
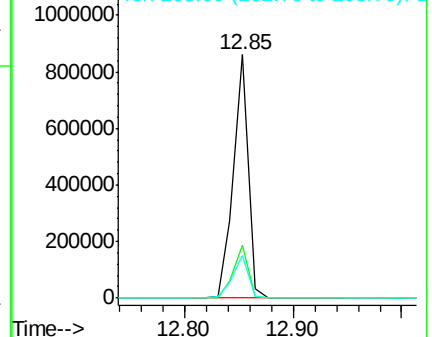
203 17.7 14.3 21.5

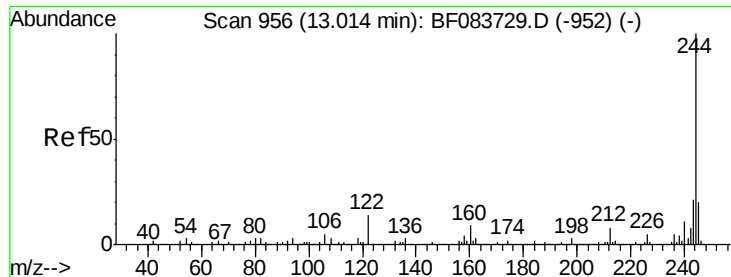


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

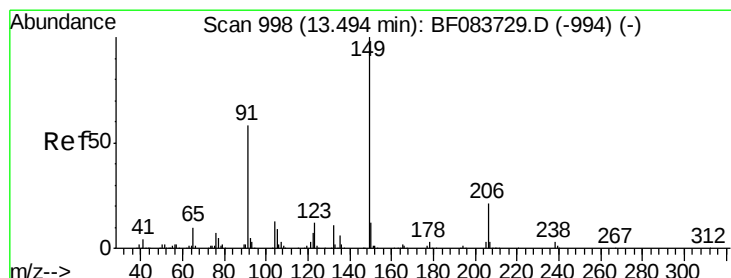
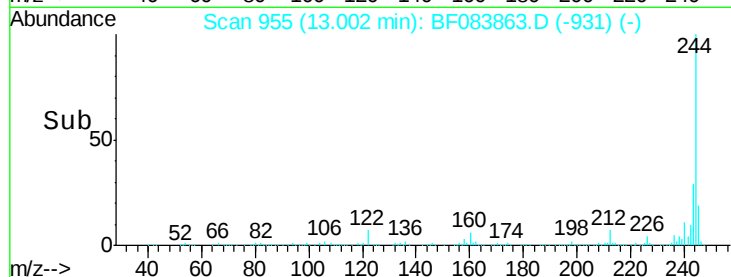
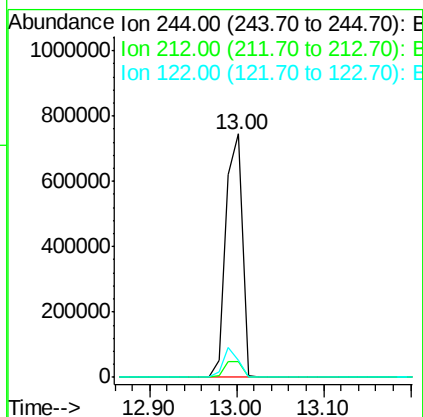
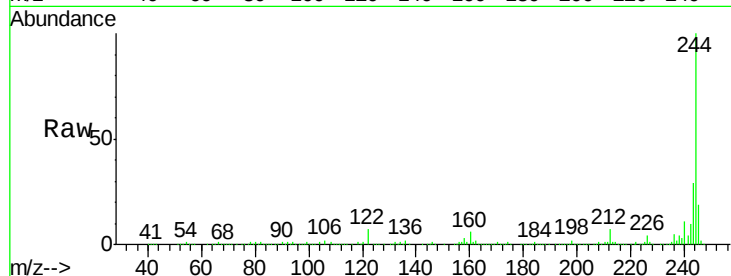




#78
 Terphenyl-d14
 Concen: 119.24 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

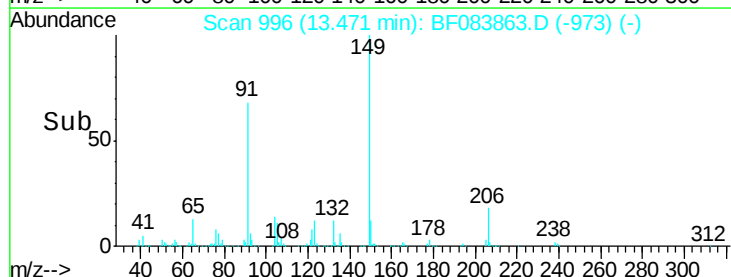
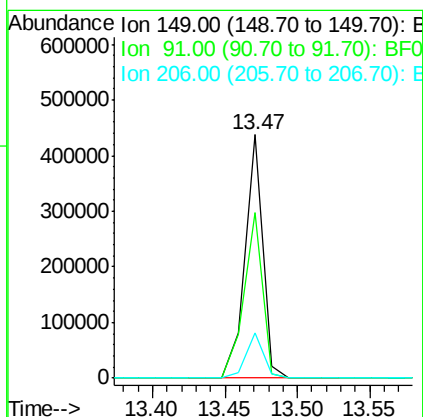
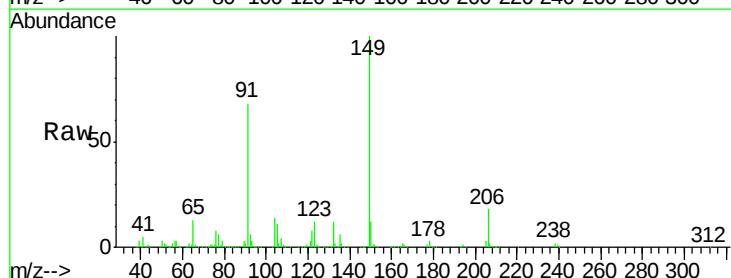
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

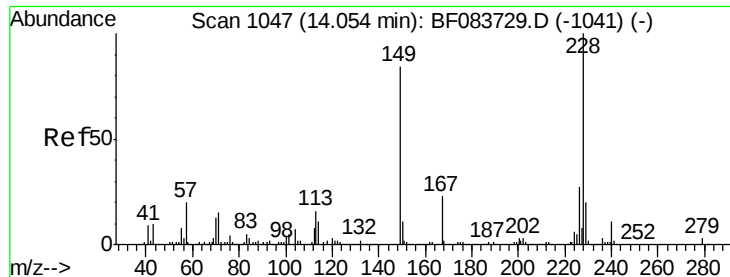
Tgt Ion: 244 Resp: 981936
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.9 11.0 16.6#



#79
 Butylbenzylphthalate
 Concen: 62.00 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion: 149 Resp: 372526
 Ion Ratio Lower Upper
 149 100
 91 68.1 60.0 90.0
 206 18.4 16.2 24.4

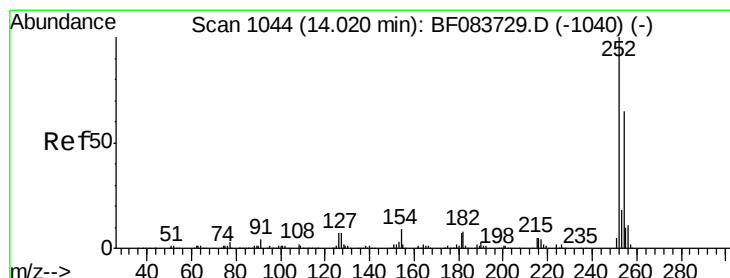
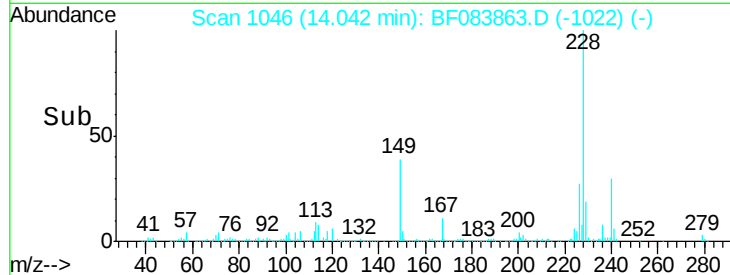
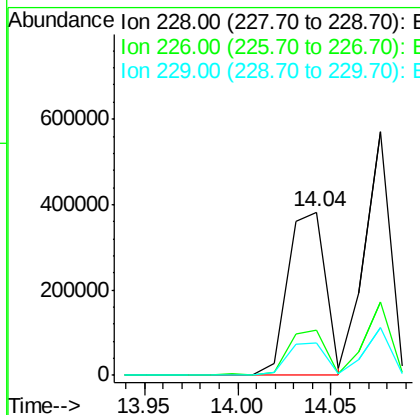
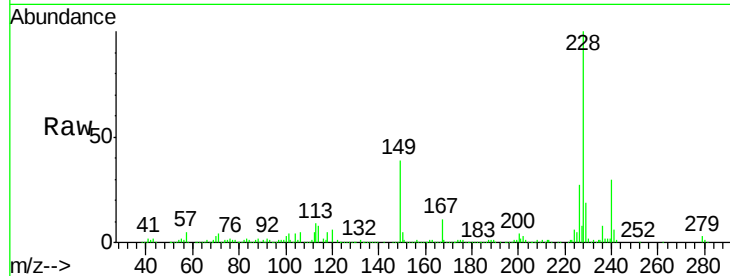




#80
 Benzo(a)anthracene
 Concen: 53.58 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

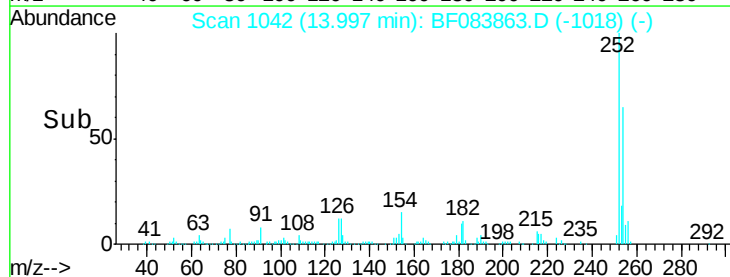
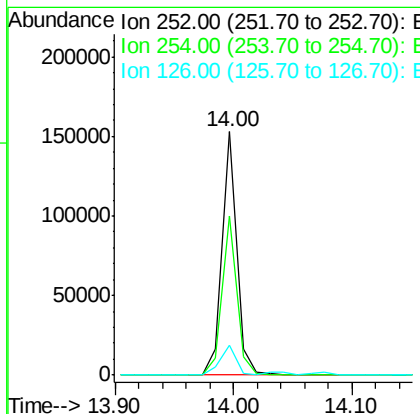
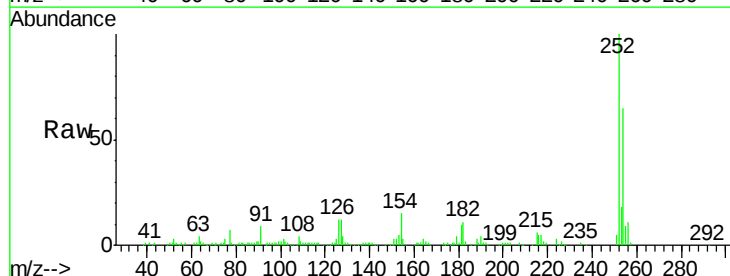
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MSD

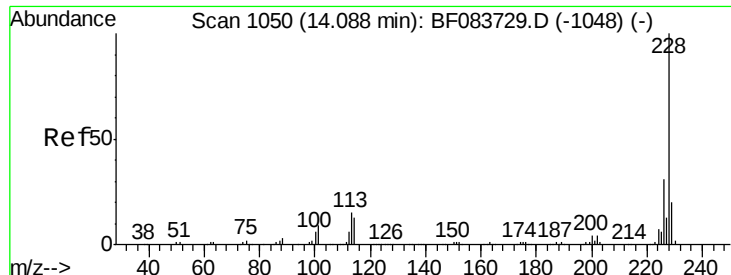
Tgt Ion:	228	Resp:	539694
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.5	15.7	23.5



#81
 3,3'-Dichlorobenzidine
 Concen: 35.71 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083863.D
 Acq: 16 Dec 2015 22:12

Tgt Ion:	252	Resp:	129747
Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	76.0
126	12.5	11.0	16.4





#82

Chrysene

Concen: 55.78 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

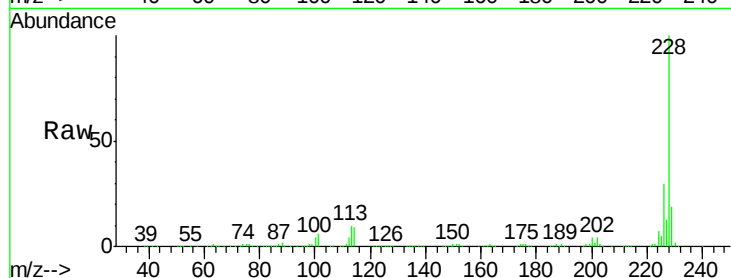
Tgt Ion:228 Resp: 547975

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

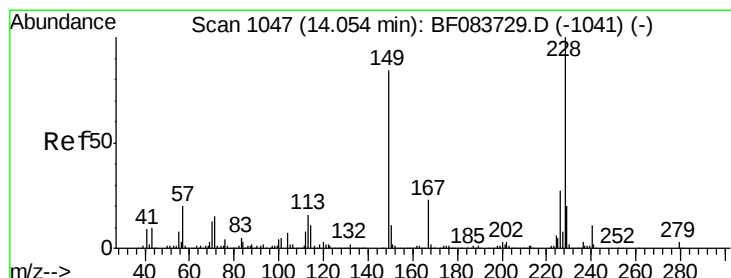
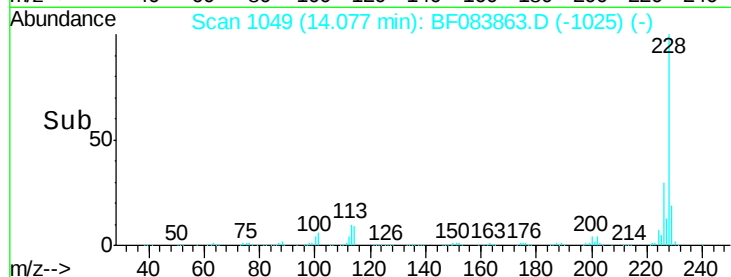
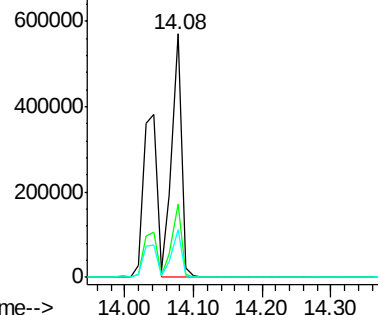
229 19.5 16.3 24.5



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: 62.33 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

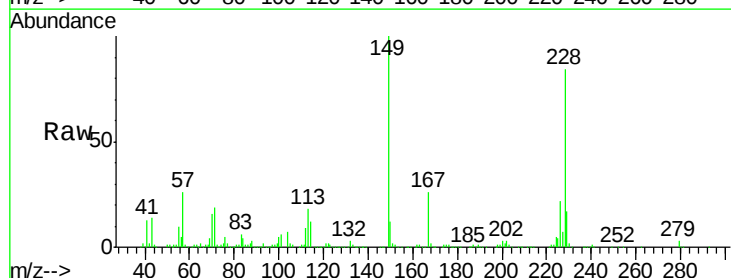
Tgt Ion:149 Resp: 426252

Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.8

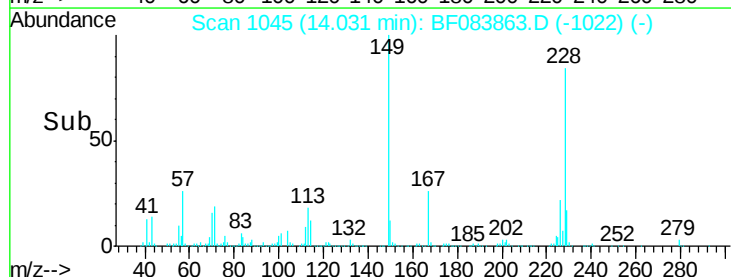
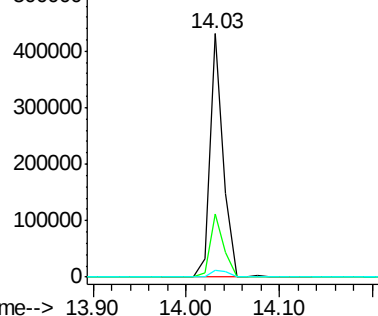
279 2.6 3.0 4.4#

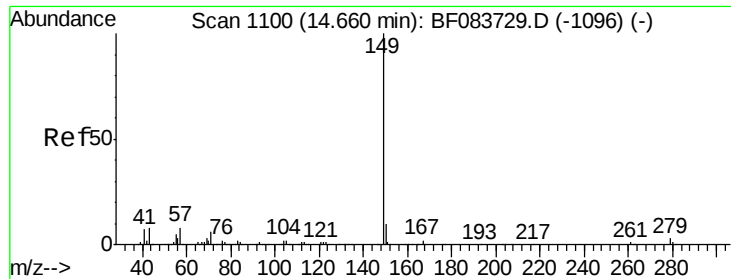


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 63.47 ng

RT: 14.64 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

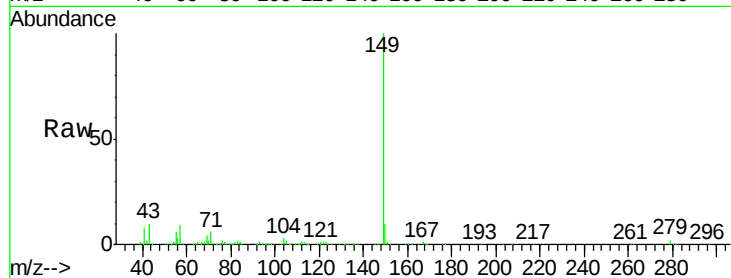
Tgt Ion:149 Resp: 689745

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

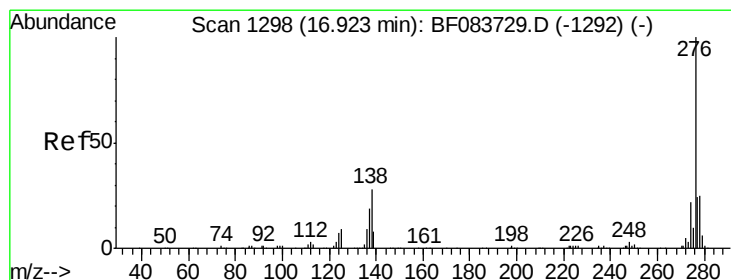
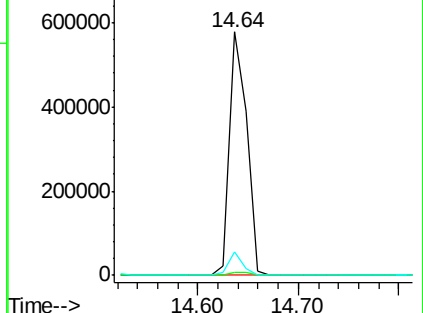
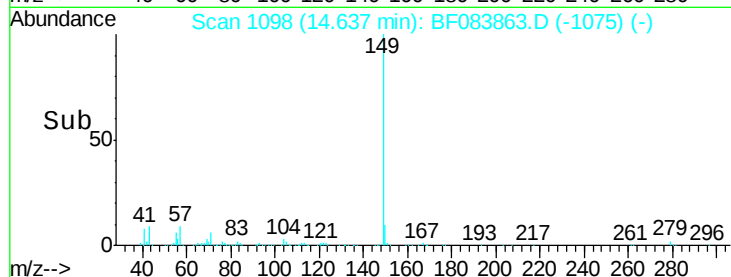
43 7.7 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 64.37 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

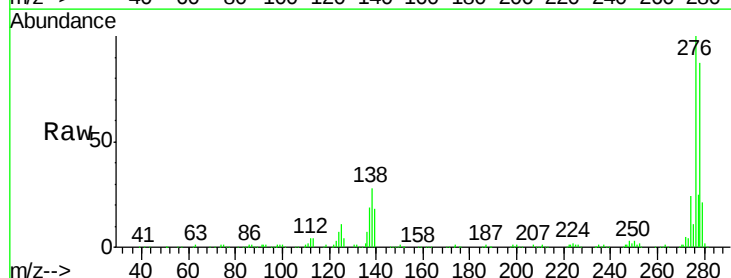
Tgt Ion:276 Resp: 621136

Ion Ratio Lower Upper

276 100

138 28.5 0.0 0.0#

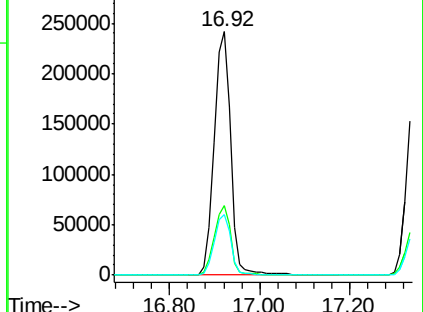
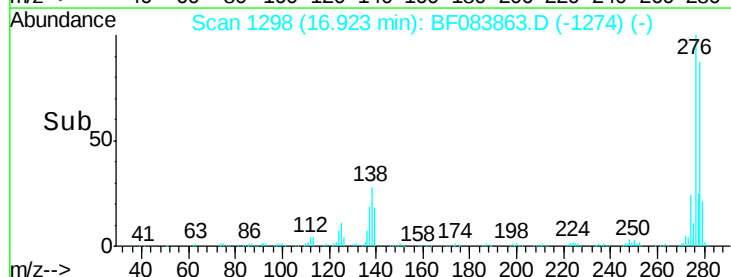
277 25.1 0.0 0.0#

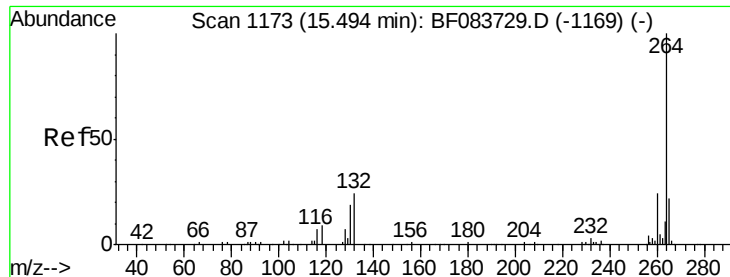


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

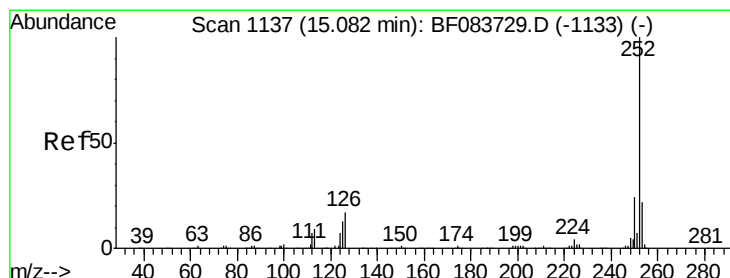
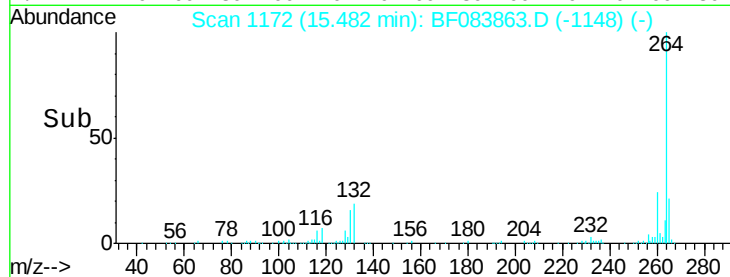
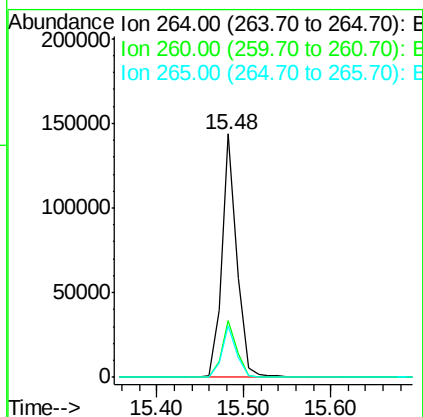
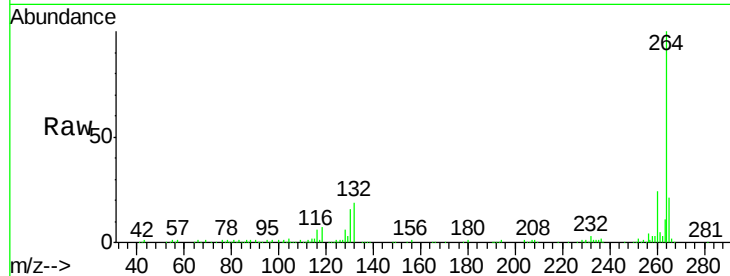




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

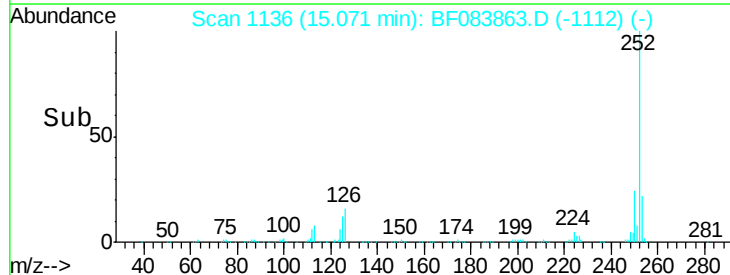
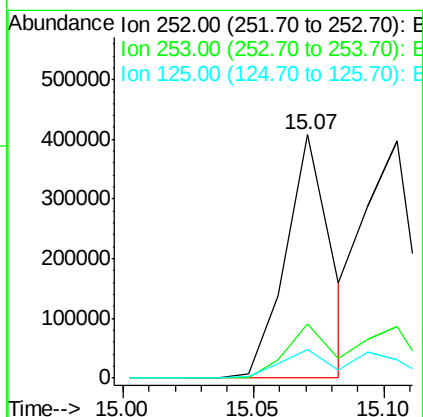
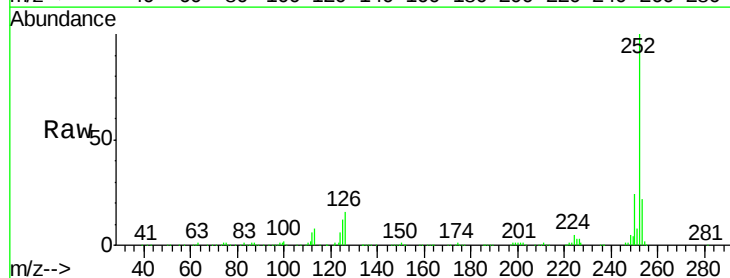
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

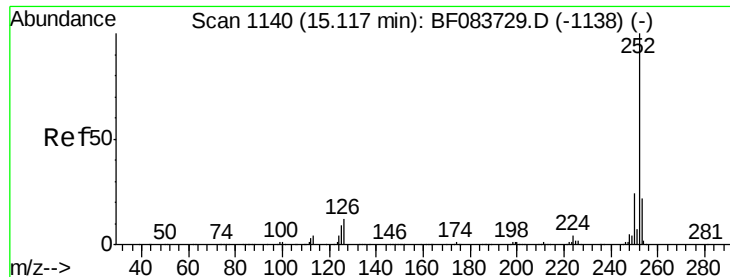
Tgt Ion: 264 Resp: 172956
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 21.2 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 44.27 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion: 252 Resp: 488528
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.8 8.2 12.4

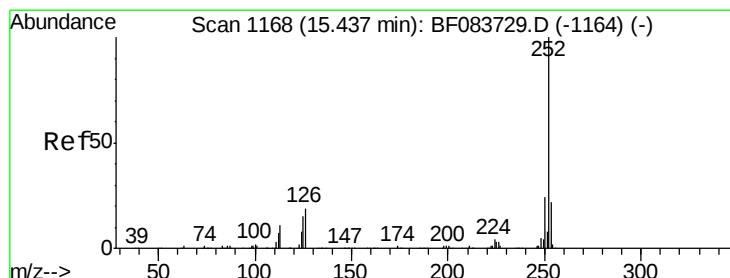
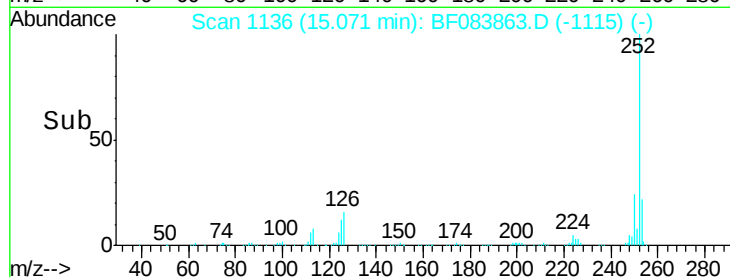
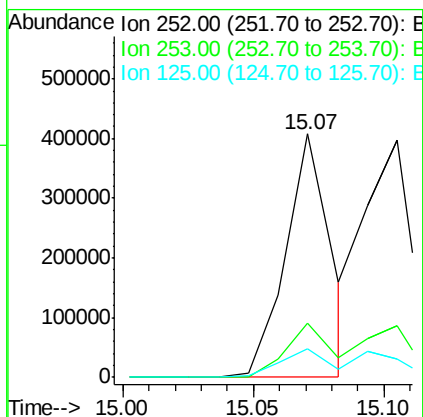
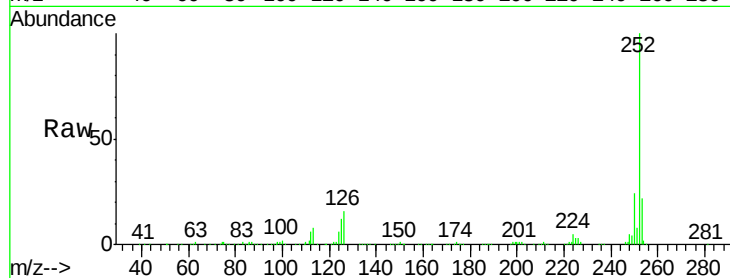




#88
Benzo(k)fluoranthene
Concen: 48.86 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

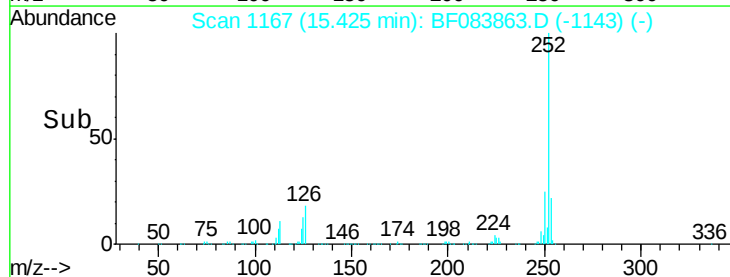
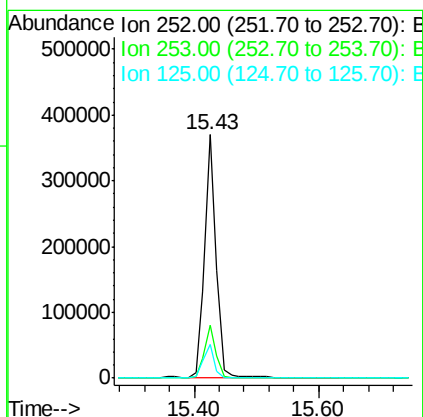
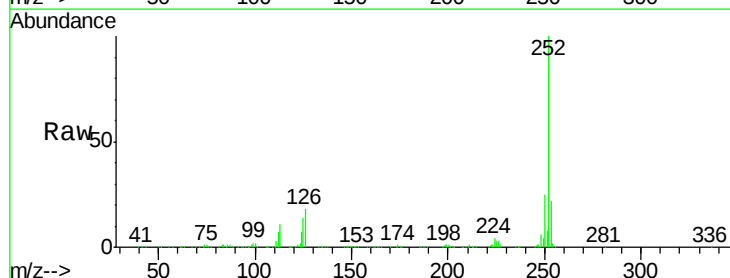
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MSD

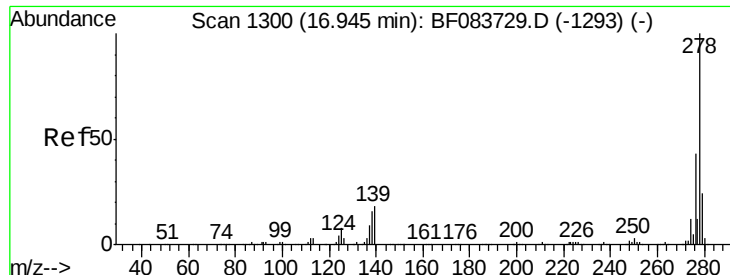
Tgt Ion:252 Resp: 488528
Ion Ratio Lower Upper
252 100
253 22.2 18.6 27.8
125 11.8 11.5 17.3



#89
Benzo(a)pyrene
Concen: 48.91 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083863.D
Acq: 16 Dec 2015 22:12

Tgt Ion:252 Resp: 481536
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.6 11.0 16.6





#90

Dibenzo(a,h)anthracene

Concen: 52.45 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MSD

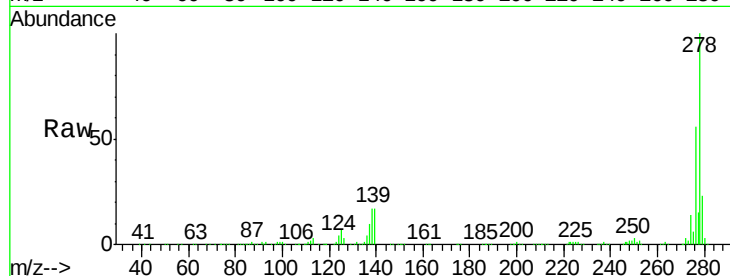
Tgt Ion:278 Resp: 513509

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

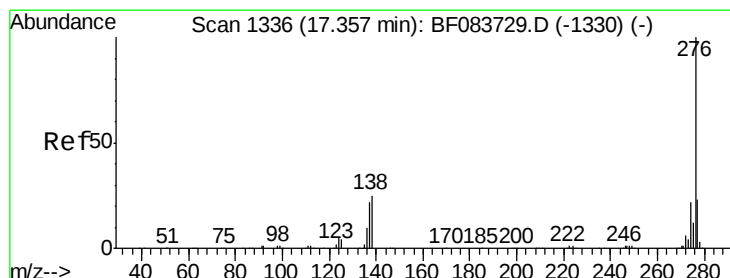
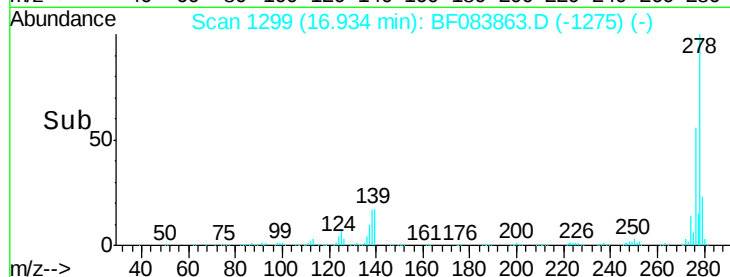
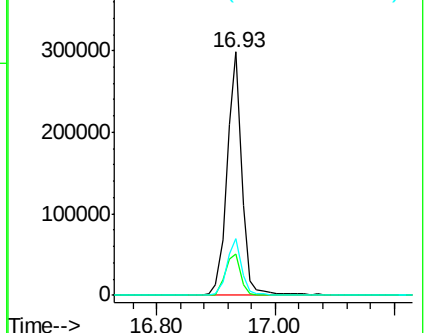
279 23.1 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 53.40 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF083863.D

Acq: 16 Dec 2015 22:12

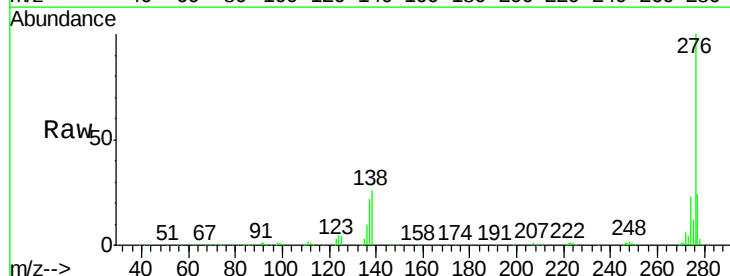
Tgt Ion:276 Resp: 537463

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 25.7 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

