

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083427.D
 Acq On : 2 Dec 2015 19:47
 Operator : UM/IZ
 Sample : G4584-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Quant Time: Dec 03 02:49:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	640602	20.00	ng	0.16
21) Naphthalene-d8	7.84	136	584231	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	291516	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	518735	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	379972	20.00	ng	-0.02
86) Perylene-d12	16.80	264	330077	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1516932	35.53	ng	0.01
7) Phenol-d6	6.22	99	1981369	33.91	ng	0.00
23) Nitrobenzene-d5	7.12	82	1254578	94.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	396344	135.44	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1838295	89.86	ng	-0.01
78) Terphenyl-d14	13.21	244	1746283	109.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	193722	8.38	ng	# 91
3) Pyridine	2.61	79	595963	10.31	ng	97
4) n-Nitrosodimethylamine	2.58	42	304817	10.71	ng	93
6) Aniline	6.21	93	547308	6.85	ng	92
8) 2-Chlorophenol	6.34	128	535979	11.38	ng	91
9) Benzaldehyde	6.08	77	240979	6.32	ng	96
10) Phenol	6.24	94	864220	12.29	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	646113	12.63	ng	91
12) 1,3-Dichlorobenzene	6.72	146	546055	10.43	ng	97
13) 1,4-Dichlorobenzene	6.72	146	546055	10.09	ng	99
14) 1,2-Dichlorobenzene	6.72	146	546055	11.00	ng	97
15) Benzyl Alcohol	6.70	79	491762	10.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1006206	11.21	ng	57
17) 2-Methylphenol	6.84	107	468398	11.93	ng	97
18) Hexachloroethane	7.05	117	212102	11.29	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	461987	11.06	ng	92
20) 3+4-Methylphenols	7.00	107	626458	11.78	ng	98
22) Acetophenone	6.97	105	796920	45.59	ng	# 98
24) Nitrobenzene	7.14	77	700007	49.32	ng	93
25) Isophorone	7.38	82	1160555	45.08	ng	99
26) 2-Nitrophenol	7.46	139	293252	50.62	ng	# 75
27) 2,4-Dimethylphenol	7.52	122	456586	47.01	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	739729	50.46	ng	98
29) 2,4-Dichlorophenol	7.71	162	453537	48.56	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	467026	45.94	ng	98
31) Naphthalene	7.86	128	5399873	170.35	ng	# 94
32) Benzoic acid	7.66	122	186171	27.79	ng	94
33) 4-Chloroaniline	7.92	127	295229	21.60	ng	97
34) Hexachlorobutadiene	7.97	225	264907	45.89	ng	97
35) Caprolactam	8.29	113	106409	36.05	ng	96
36) 4-Chloro-3-methylphenol	8.43	107	517932	49.44	ng	93
37) 2-Methylnaphthalene	8.54	142	1563574	73.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	437684	47.36	ng	99
40) Hexachlorocyclopentadiene	8.70	237	251912	57.39	ng	98

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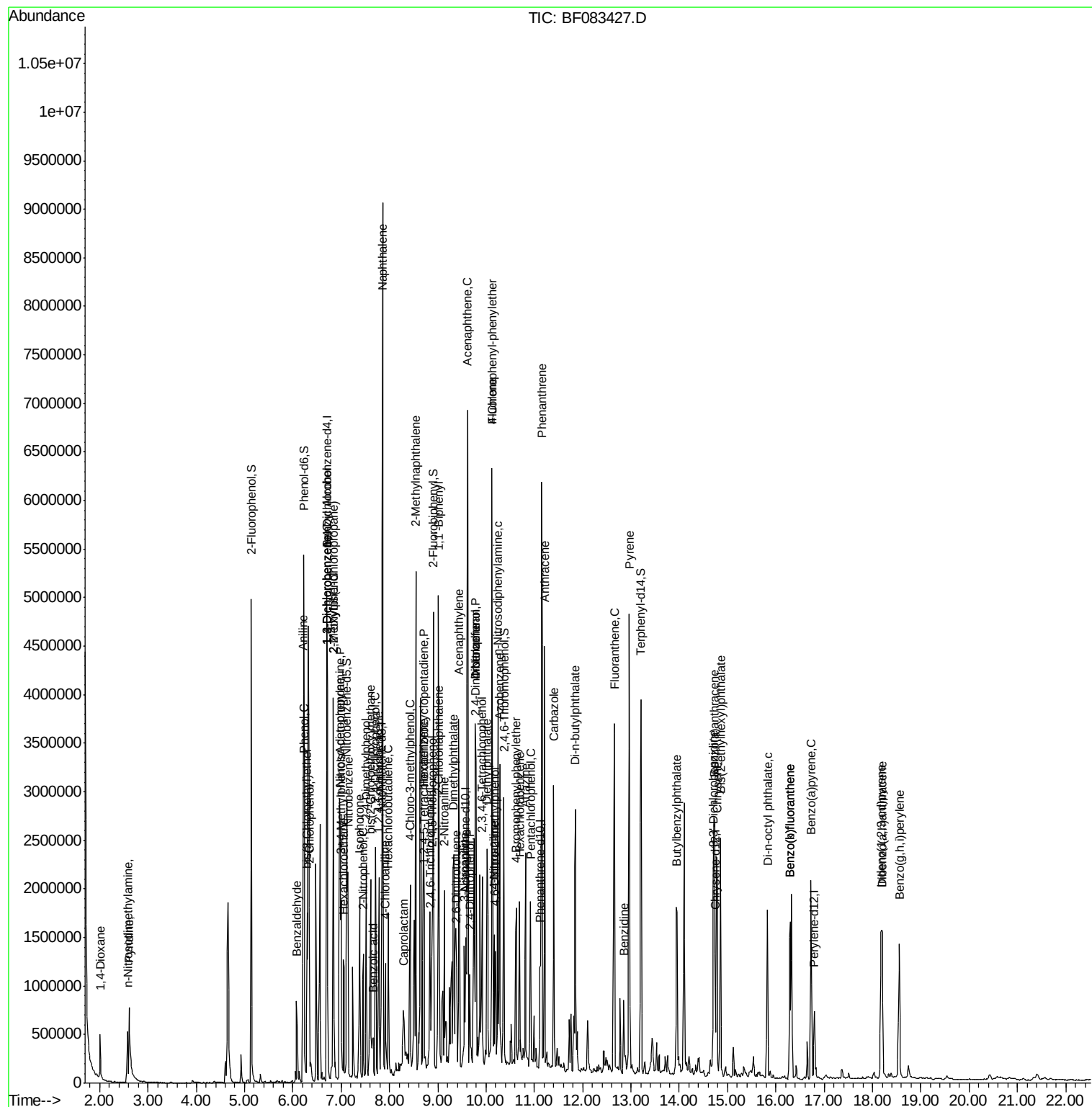
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	301116	46.45	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	316834	47.18	ng	94
45) 1,1'-Biphenyl	9.01	154	1496361	58.53	ng	97
46) 2-Chloronaphthalene	9.02	162	904797	46.45	ng	99
47) 2-Nitroaniline	9.14	65	363680	47.14	ng	# 85
48) Acenaphthylene	9.44	152	1480804	47.66	ng	100
49) Dimethylphthalate	9.33	163	1350507	57.01	ng	98
50) 2,6-Dinitrotoluene	9.39	165	232719	46.00	ng	# 65
51) Acenaphthene	9.62	154	1874678	102.57	ng	99
52) 3-Nitroaniline	9.55	138	164275	27.70	ng	98
53) 2,4-Dinitrophenol	9.66	184	173539	58.62	ng	# 78
54) Dibenzofuran	9.78	168	1281999	47.86	ng	99
55) 4-Nitrophenol	9.78	139	831632	224.21	ng	# 1
56) 2,4-Dinitrotoluene	9.79	165	317793	49.50	ng	# 62
57) Fluorene	10.12	166	1368842	64.72	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	257144	47.46	ng	99
59) Diethylphthalate	10.02	149	959359	42.49	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	412876	42.49	ng	94
61) 4-Nitroaniline	10.17	138	241004	40.62	ng	97
62) Azobenzene	10.28	77	1293574	47.42	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	142384	40.88	ng	# 52
65) n-Nitrosodiphenylamine	10.25	169	898812	49.31	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	281224	49.56	ng	97
67) Hexachlorobenzene	10.69	284	302470	48.21	ng	95
68) Atrazine	10.82	200	267048	52.97	ng	98
69) Pentachlorophenol	10.92	266	322486	98.12	ng	99
70) Phenanthrene	11.15	178	3932453	128.10	ng	95
71) Anthracene	11.21	178	2051703	66.39	ng	99
72) Carbazole	11.40	167	1306360	47.05	ng	99
73) Di-n-butylphthalate	11.85	149	1611504	48.97	ng	99
74) Fluoranthene	12.66	202	2611766	82.08	ng	94
76) Benzidine	12.85	184	428630	37.87	ng	97
77) Pyrene	12.97	202	2877712	108.44	ng	97
79) Butylbenzylphthalate	13.95	149	655879	58.26	ng	84
80) Benzo(a)anthracene	14.73	228	1534689	65.93	ng	97
81) 3,3'-Dichlorobenzidine	14.71	252	261348	35.94	ng	98
82) Chrysene	14.77	228	1349889	60.02	ng	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	897755	59.45	ng	99
84) Di-n-octyl phthalate	15.83	149	1329753	59.14	ng	100
85) Indeno(1,2,3-cd)pyrene	18.18	276	1248695	76.23	ng	99
87) Benzo(b)fluoranthene	16.29	252	1215318	57.38	ng	97
88) Benzo(k)fluoranthene	16.29	252	1215318	60.77	ng	99
89) Benzo(a)pyrene	16.73	252	1234631	67.87	ng	# 98
90) Dibenzo(a,h)anthracene	18.20	278	937070	59.12	ng	99
91) Benzo(g,h,i)perylene	18.56	276	1096944	70.51	ng	98

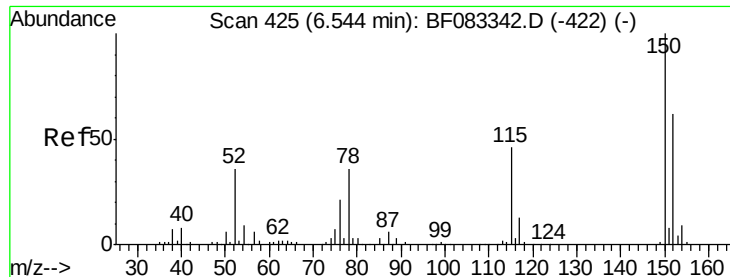
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.16 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

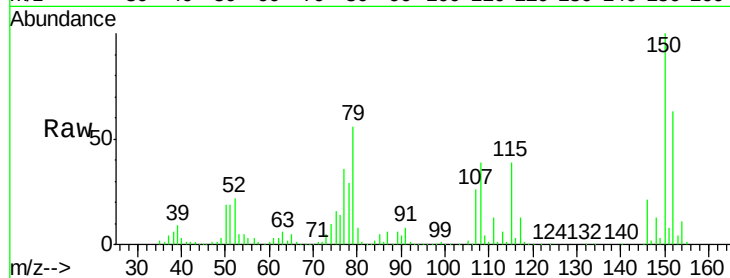
Tgt Ion:152 Resp: 640602

Ion Ratio Lower Upper

152 100

150 157.8 129.8 194.8

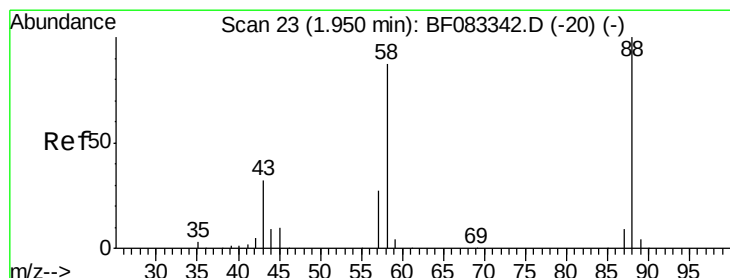
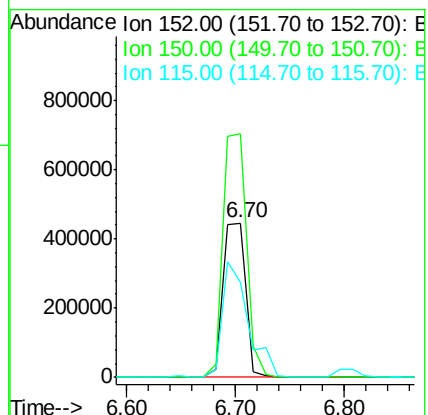
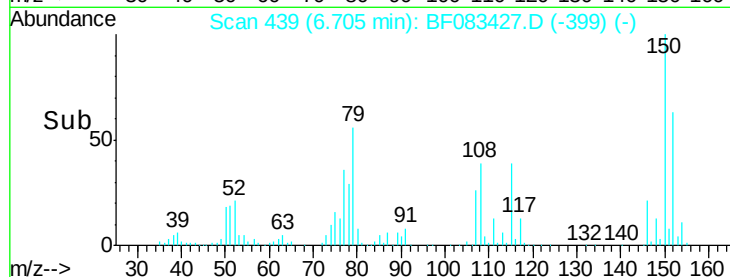
115 61.6 59.2 88.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.38 ng

RT: 2.01 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

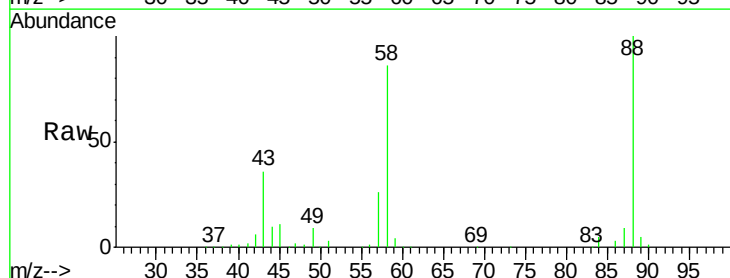
Tgt Ion: 88 Resp: 193722

Ion Ratio Lower Upper

88 100

58 86.3 66.6 100.0

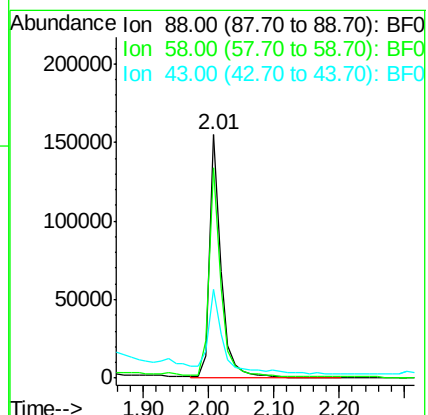
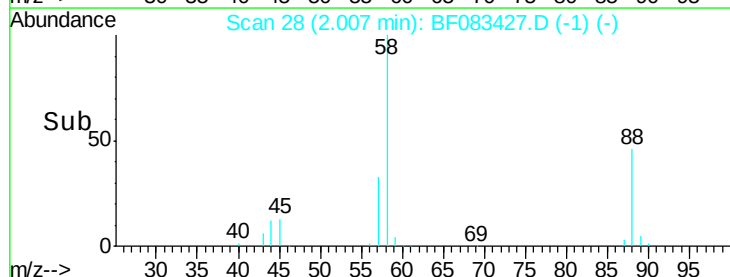
43 46.2 27.1 40.7#

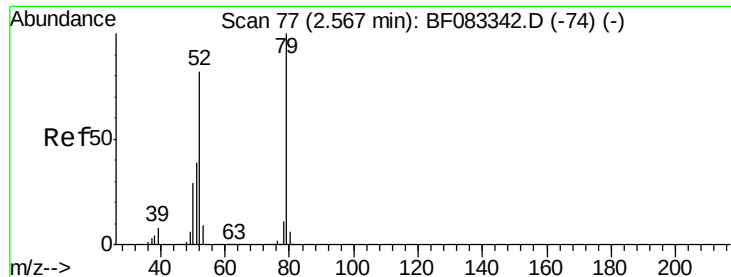


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

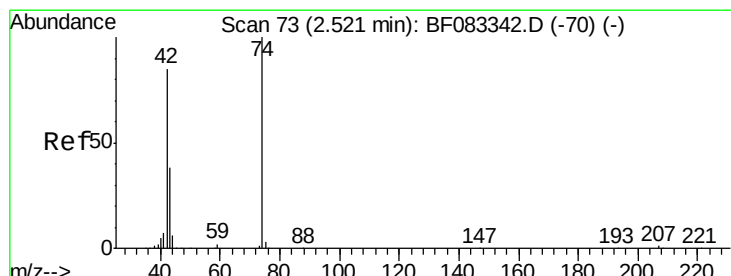
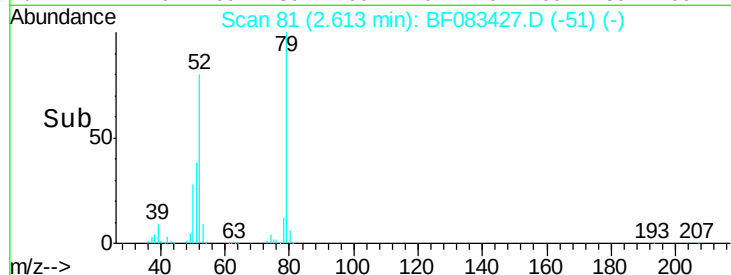
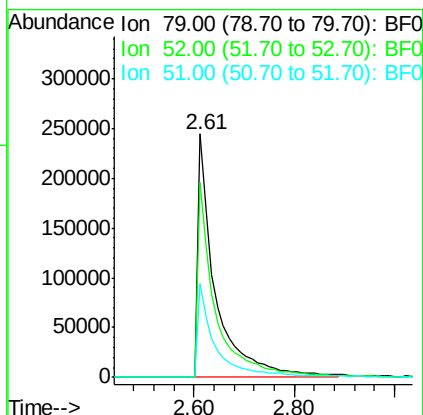
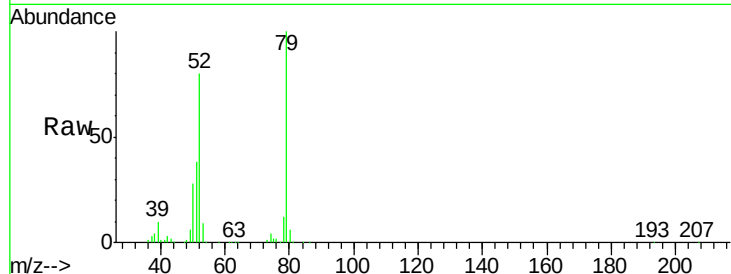




#3
 Pyridine
 Concen: 10.31 ng
 RT: 2.61 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

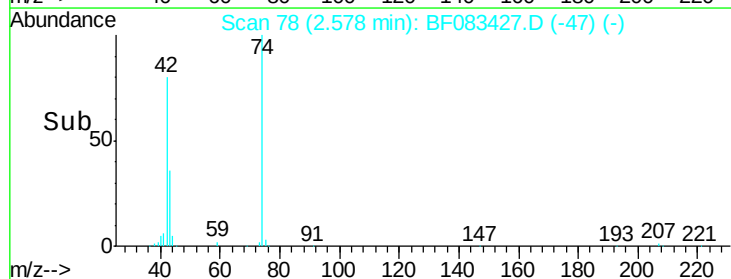
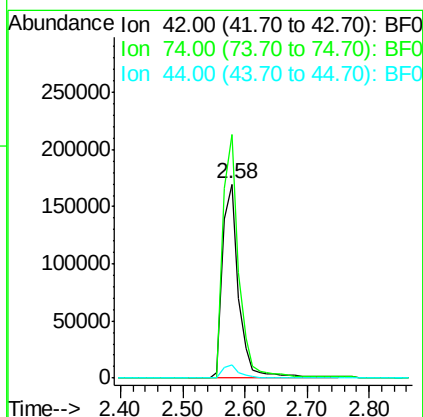
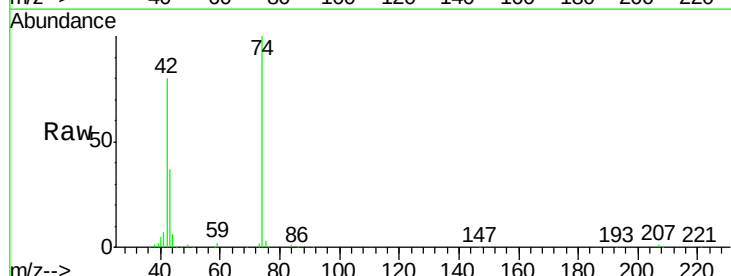
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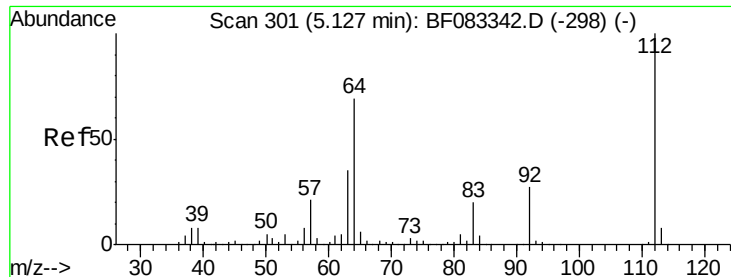
Tgt Ion: 79 Resp: 595963
 Ion Ratio Lower Upper
 79 100
 52 80.2 65.9 98.9
 51 38.4 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 10.71 ng
 RT: 2.58 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion: 42 Resp: 304817
 Ion Ratio Lower Upper
 42 100
 74 125.6 93.7 140.5
 44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 35.53 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

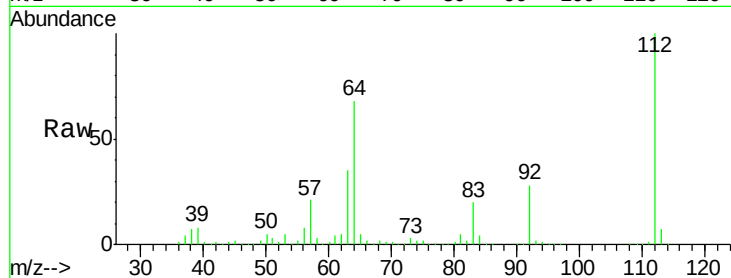
Tgt Ion: 112 Resp: 1516932

Ion Ratio Lower Upper

112 100

64 67.7 55.6 83.4

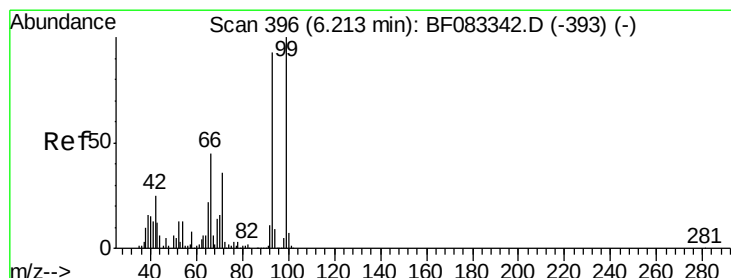
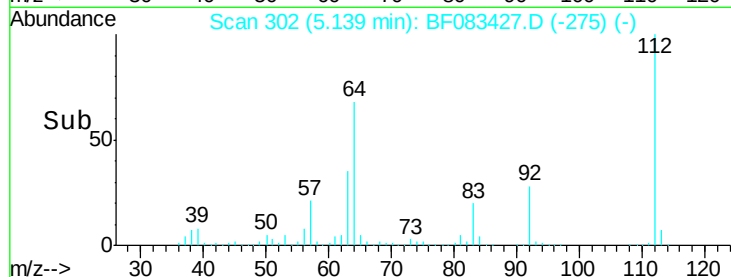
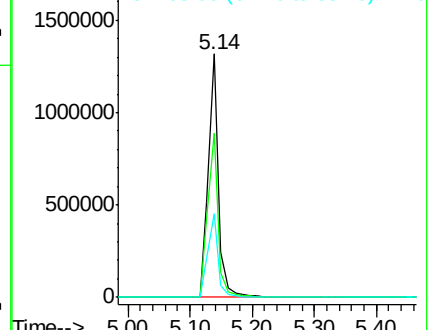
63 34.5 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.85 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

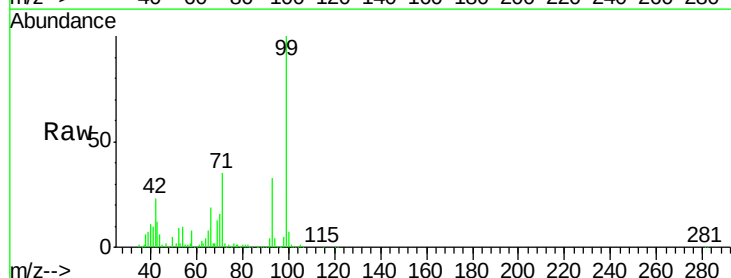
Tgt Ion: 93 Resp: 547308

Ion Ratio Lower Upper

93 100

66 56.3 38.7 58.1

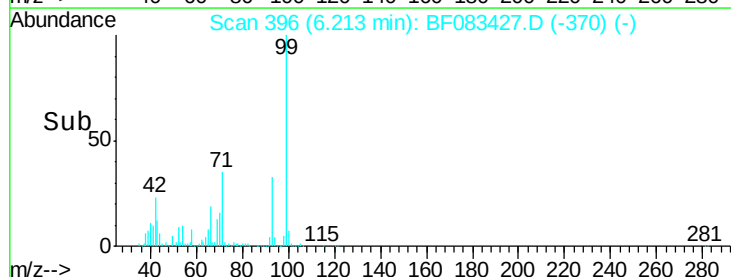
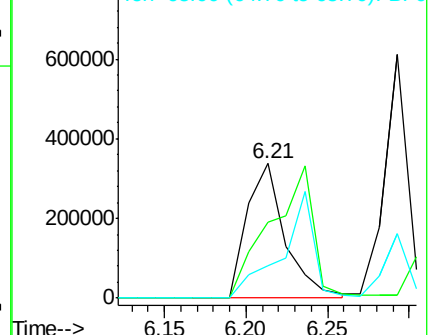
65 24.5 19.0 28.6

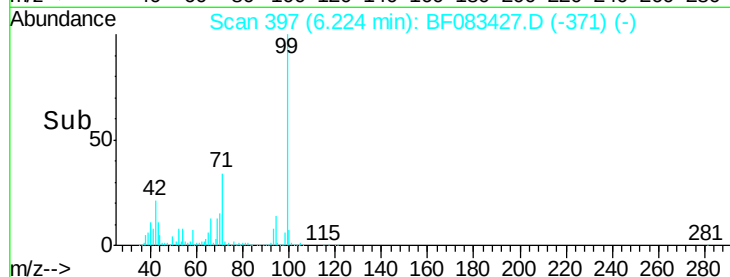
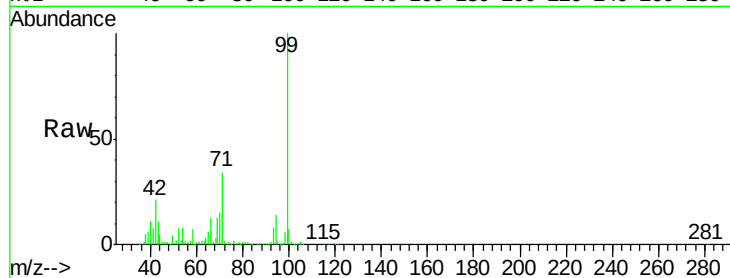
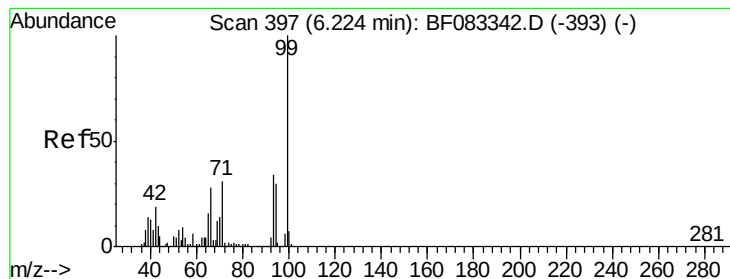


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.91 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

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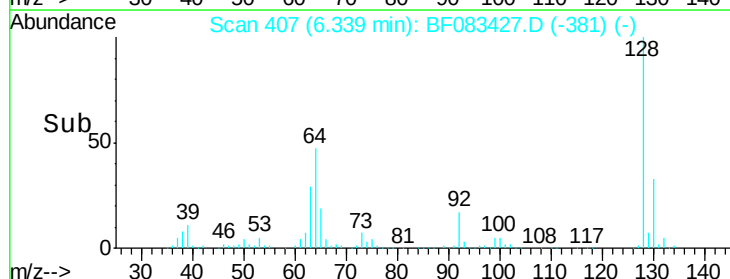
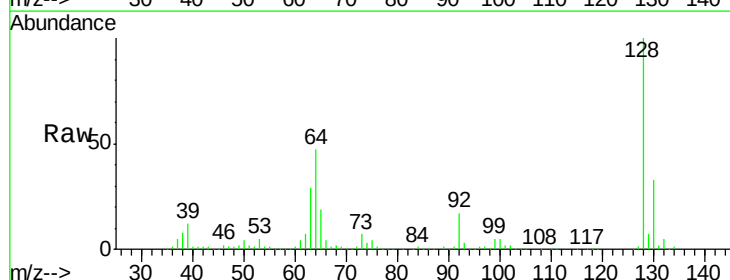
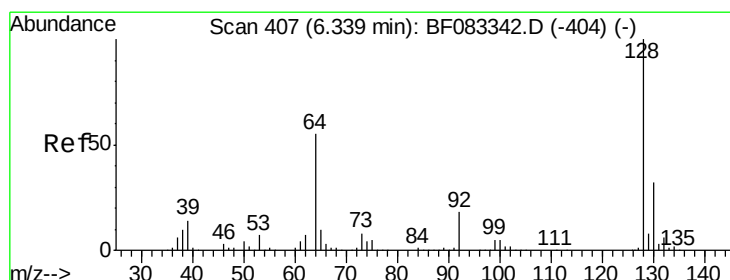
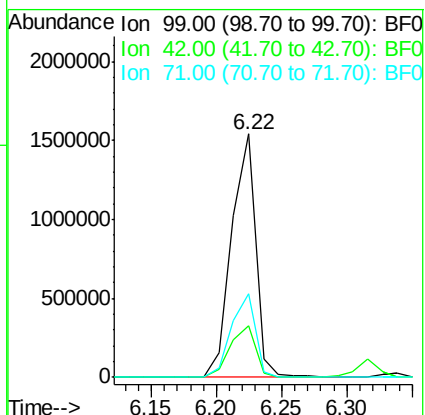
Tgt Ion: 99 Resp: 1981369

Ion Ratio Lower Upper

99 100

42 21.1 14.9 22.3

71 34.1 24.7 37.1



#8

2-Chlorophenol

Concen: 11.38 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

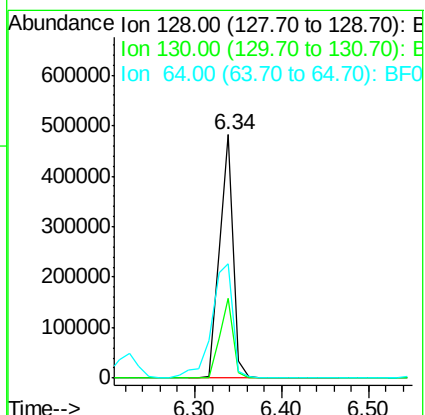
Tgt Ion: 128 Resp: 535979

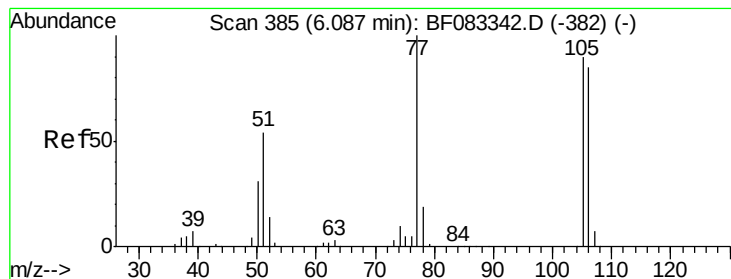
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 46.7 36.4 76.4





#9

Benzaldehyde

Concen: 6.32 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083427.D

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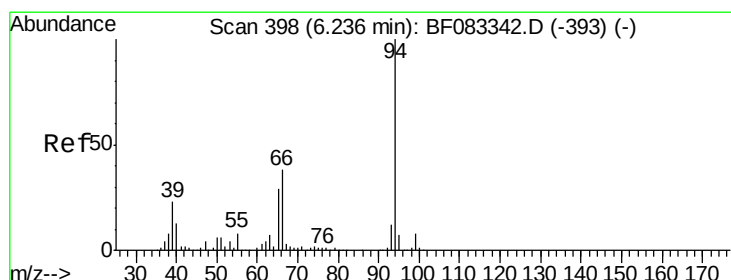
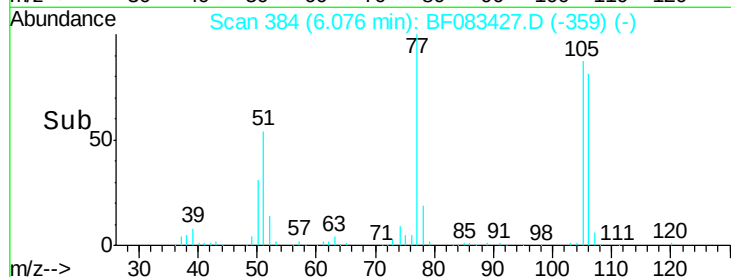
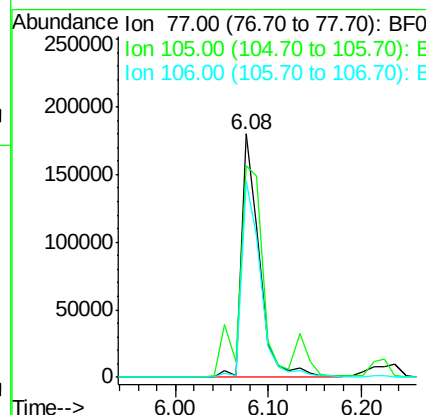
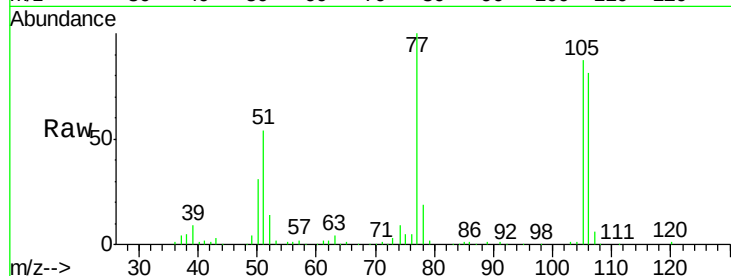
Tgt Ion: 77 Resp: 240979

Ion Ratio Lower Upper

77 100

105 86.9 70.0 110.0

106 80.6 65.0 105.0



#10

Phenol

Concen: 12.29 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

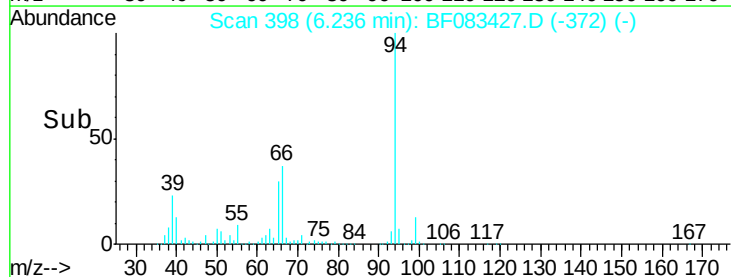
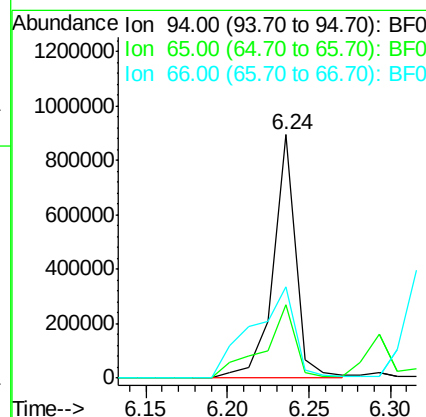
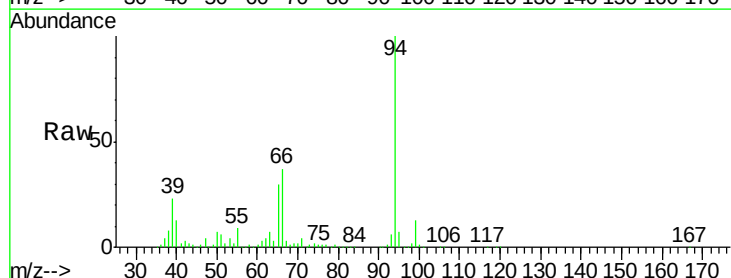
Tgt Ion: 94 Resp: 864220

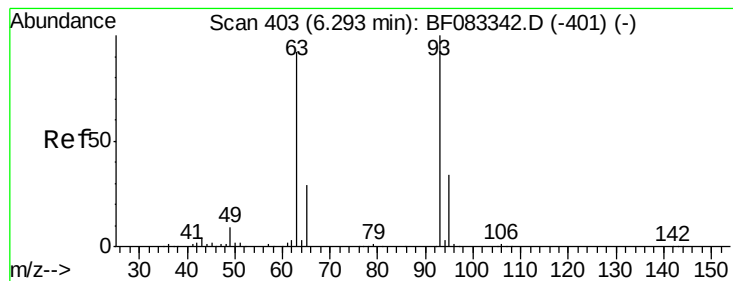
Ion Ratio Lower Upper

94 100

65 29.9 9.5 49.5

66 37.2 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 12.63 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

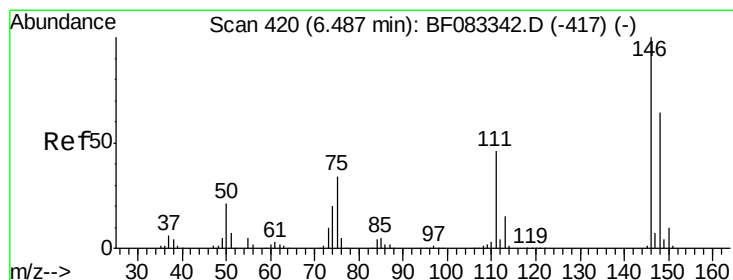
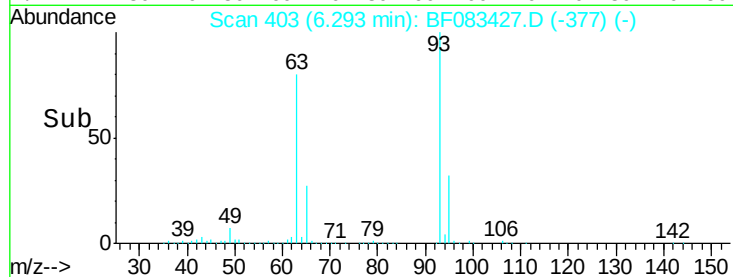
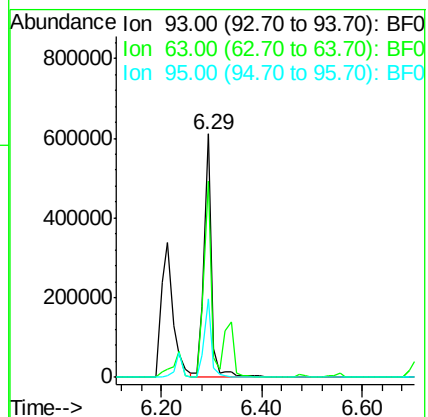
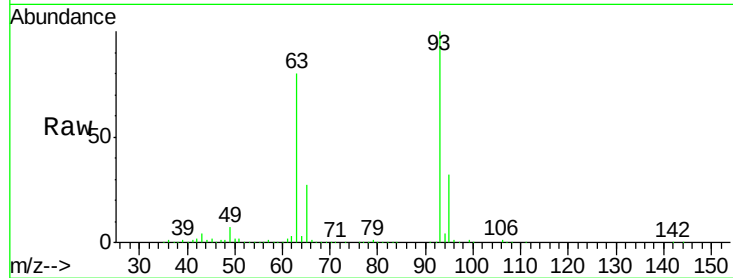
Tgt Ion: 93 Resp: 646113

Ion Ratio Lower Upper

93 100

63 80.5 71.4 111.4

95 32.4 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 10.43 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.23 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

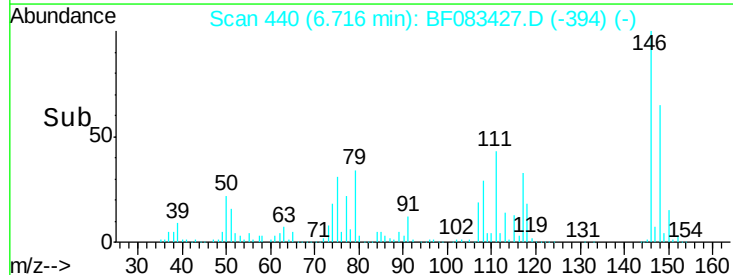
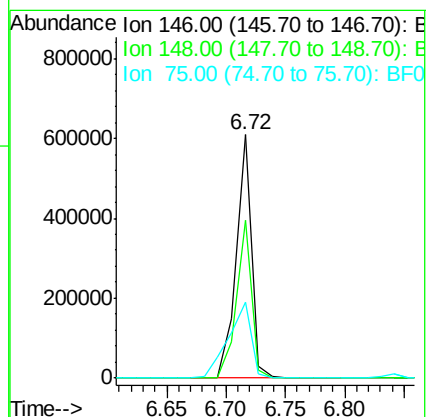
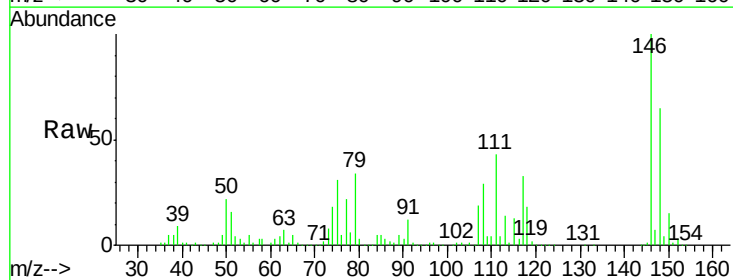
Tgt Ion: 146 Resp: 546055

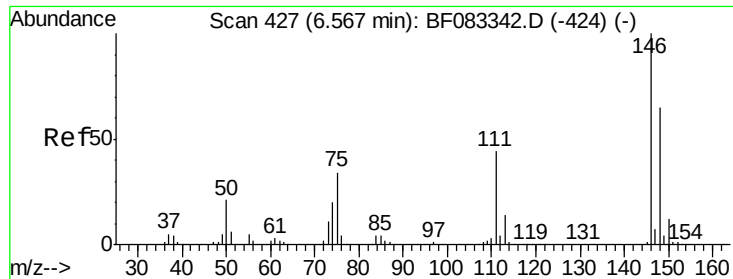
Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

75 31.0 27.5 41.3

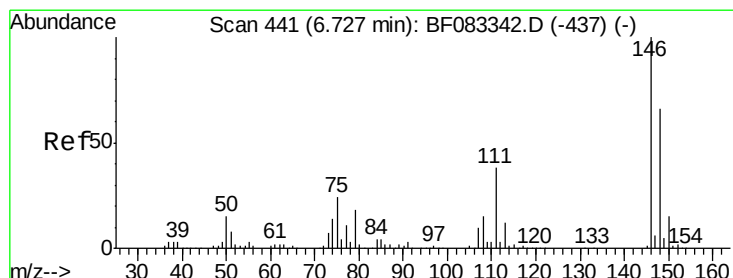
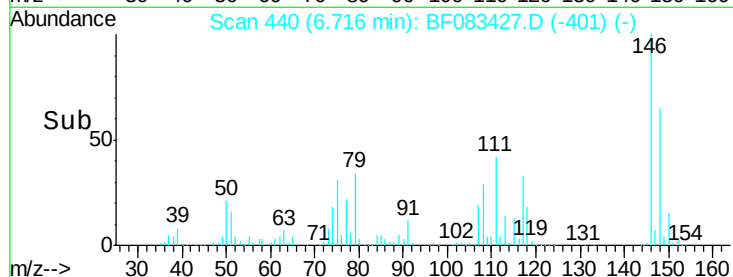
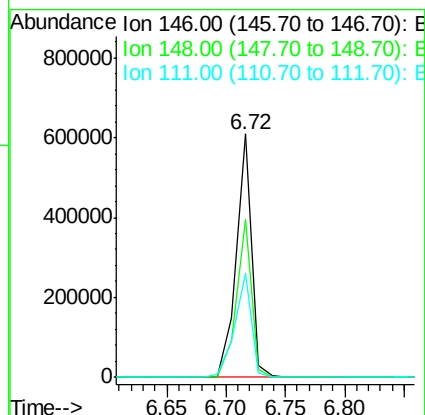
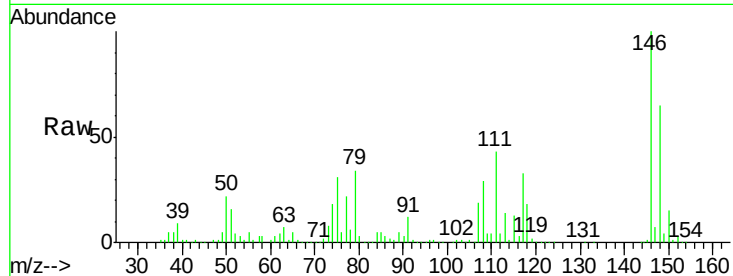




#13
 1,4-Dichlorobenzene
 Concen: 10.09 ng
 RT: 6.72 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

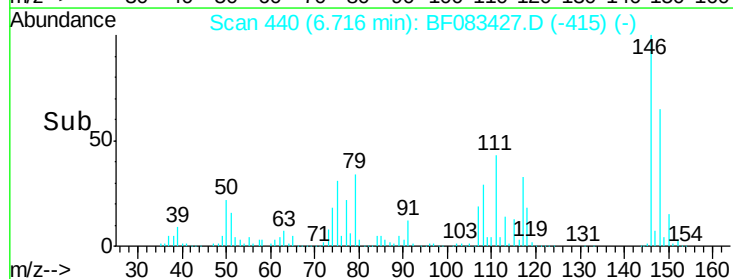
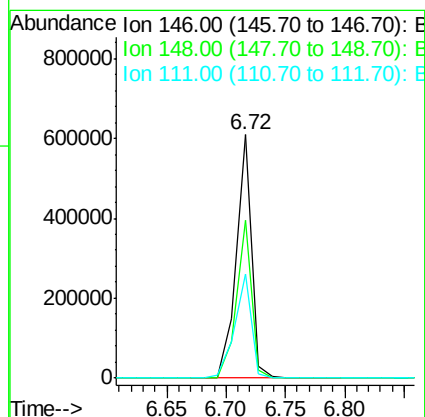
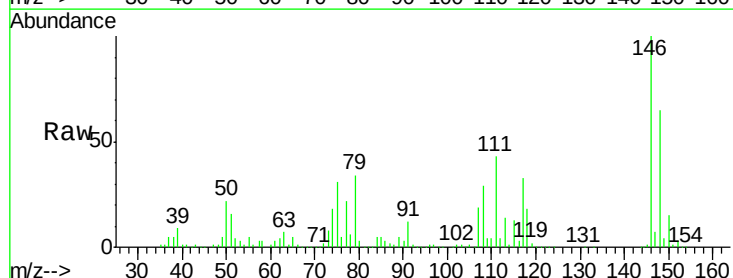
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

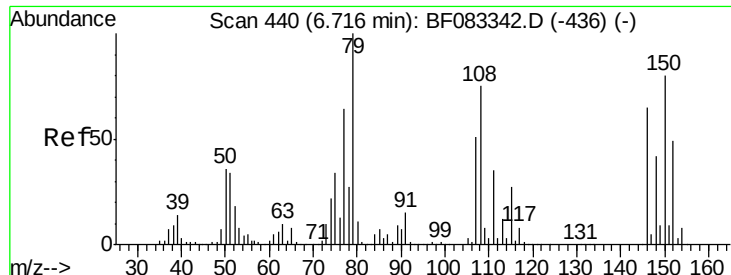
Tgt Ion:146 Resp: 546055
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 42.6 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 11.00 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:146 Resp: 546055
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.5 78.7
 111 42.6 30.6 46.0

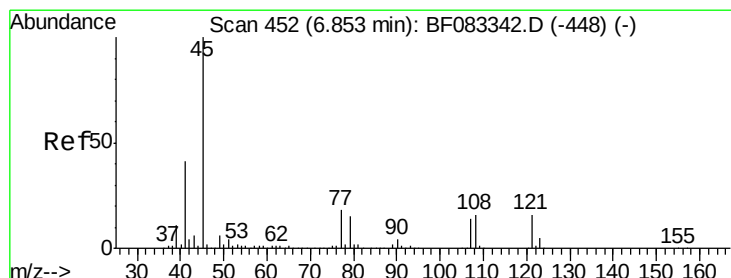
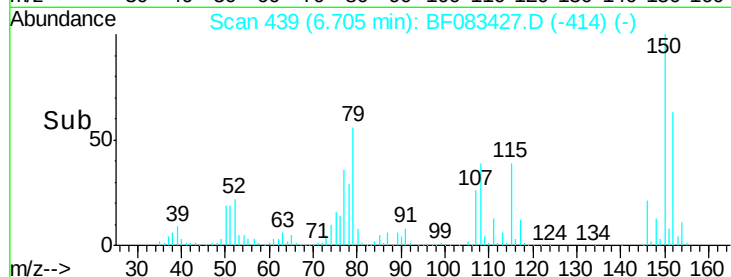
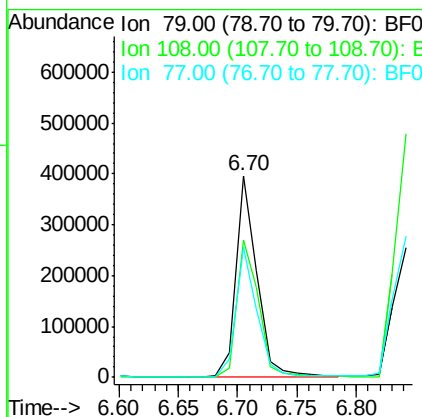
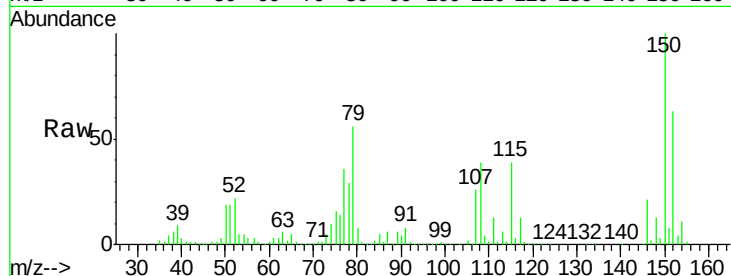




#15
Benzyl Alcohol
Concen: 10.89 ng
RT: 6.70 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

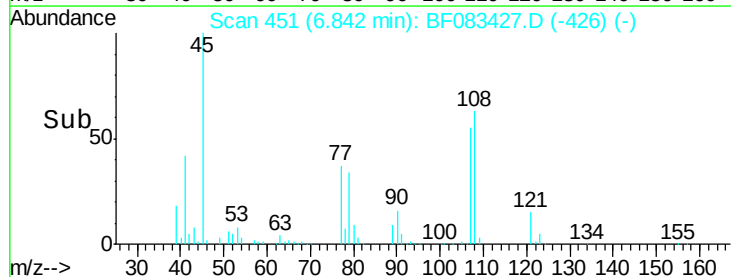
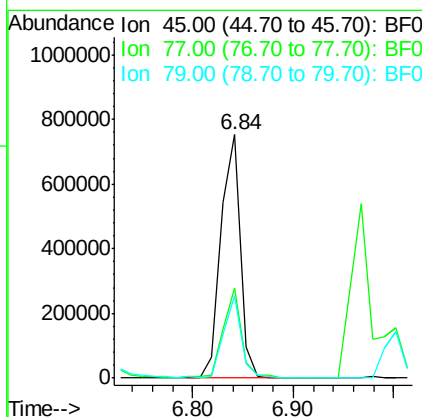
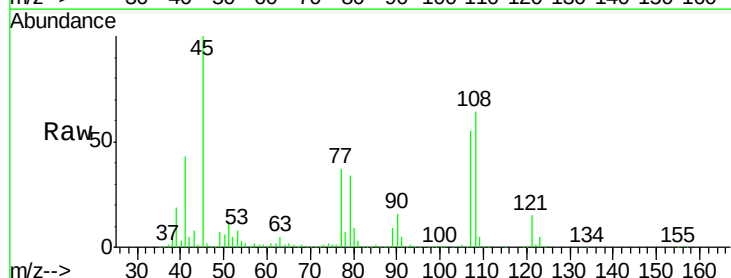
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

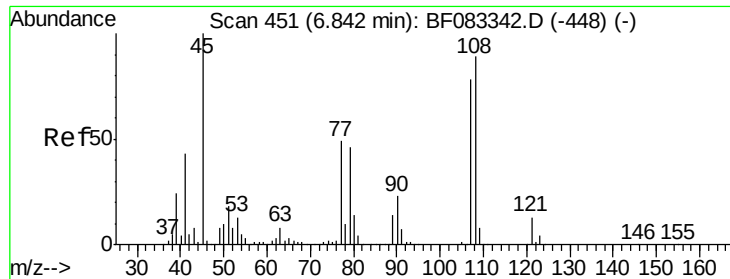
Tgt Ion: 79 Resp: 491762
Ion Ratio Lower Upper
79 100
108 68.4 59.9 89.9
77 64.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.21 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion: 45 Resp: 1006206
Ion Ratio Lower Upper
45 100
77 37.0 0.0 38.3
79 33.9 0.0 35.4

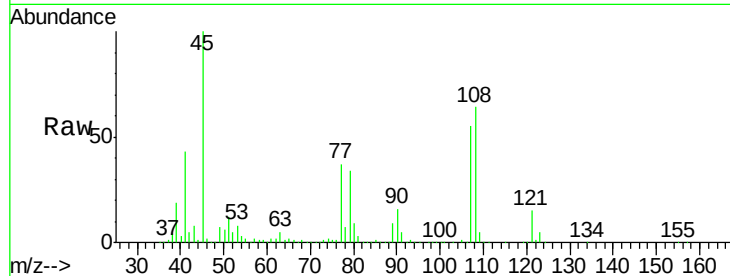




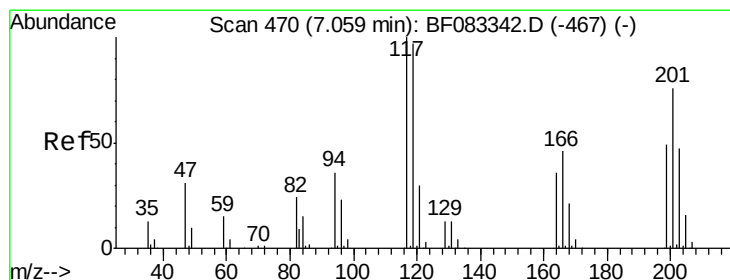
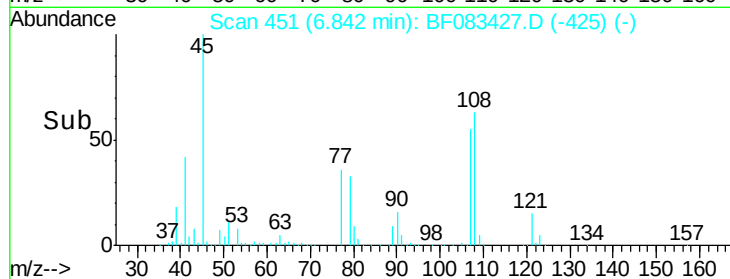
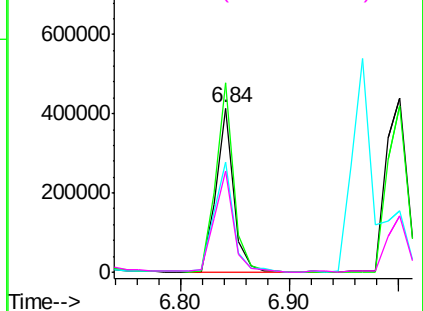
#17
2-Methylphenol
Concen: 11.93 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:107 Resp: 468398
Ion Ratio Lower Upper
107 100
108 115.5 91.6 137.4
77 67.2 49.9 74.9
79 61.5 47.3 70.9

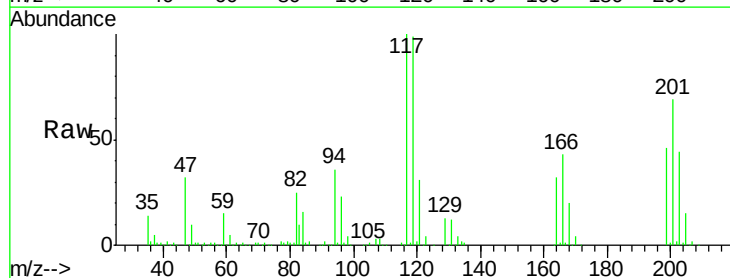


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

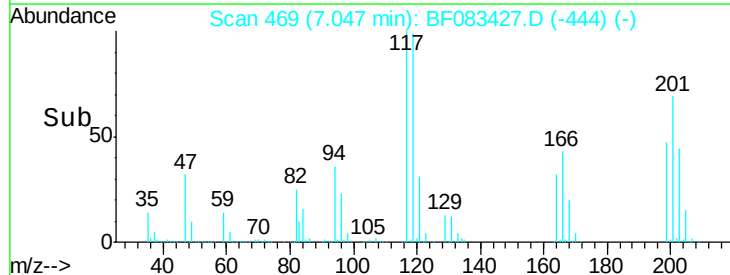
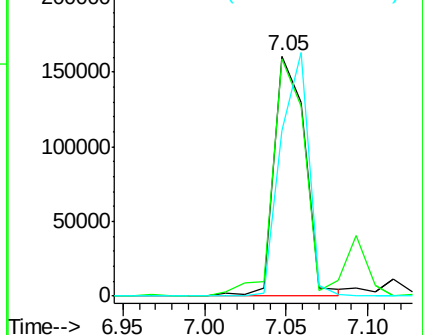


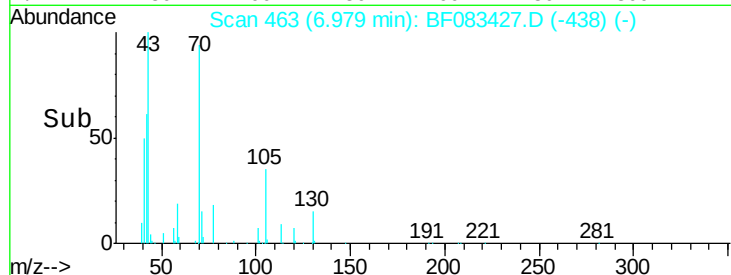
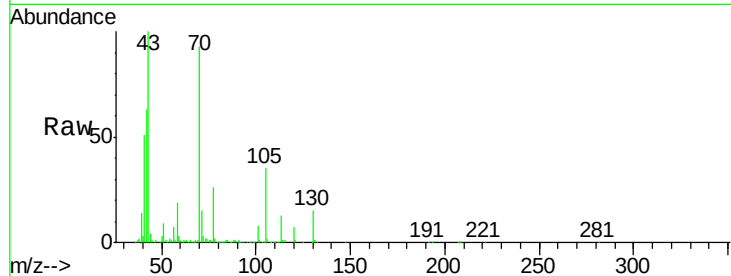
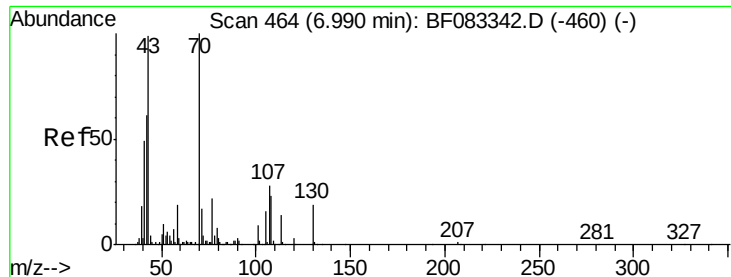
#18
Hexachloroethane
Concen: 11.29 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:117 Resp: 212102
Ion Ratio Lower Upper
117 100
119 99.0 77.3 115.9
201 69.1 60.6 90.8



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

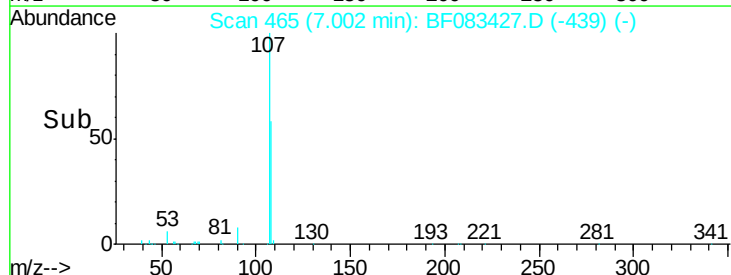
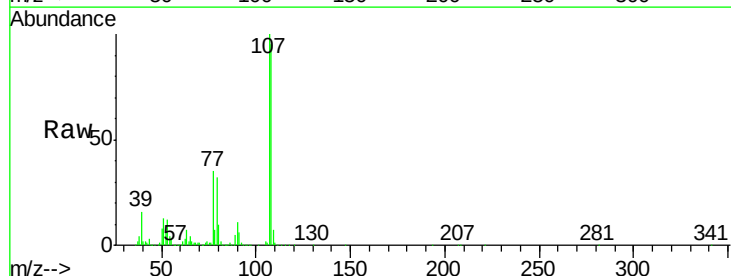
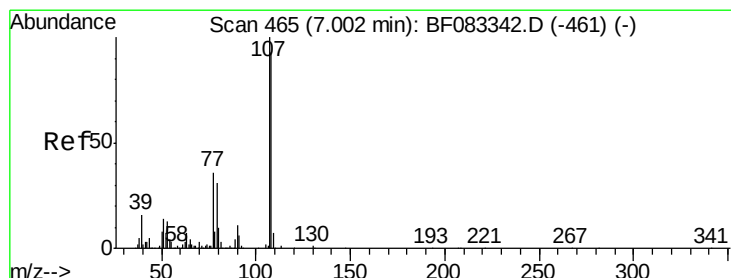
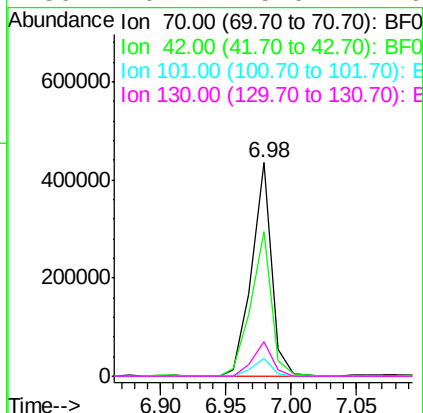




#19
n-Nitroso-di-n-propylamine
Concen: 11.06 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

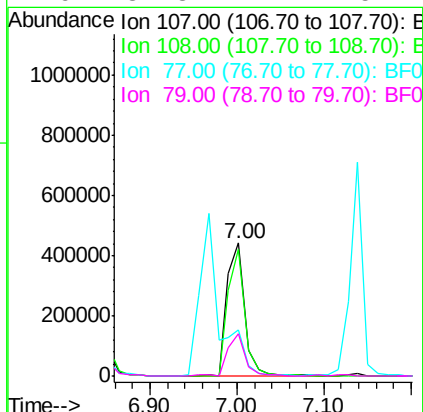
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

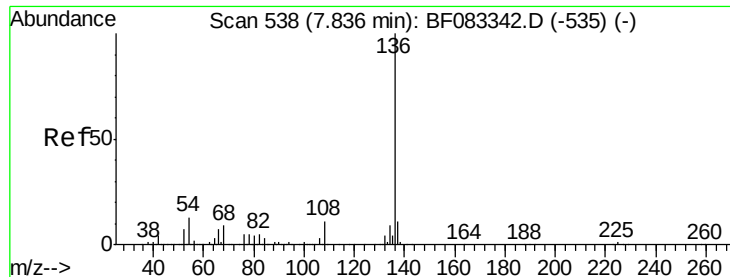
Tgt Ion: 70 Resp: 461987
Ion Ratio Lower Upper
70 100
42 67.9 48.8 73.2
101 8.5 7.1 10.7
130 16.2 15.0 22.6



#20
3+4-Methylphenols
Concen: 11.78 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion: 107 Resp: 626458
Ion Ratio Lower Upper
107 100
108 95.1 73.0 113.0
77 35.0 16.8 56.8
79 32.3 11.4 51.4

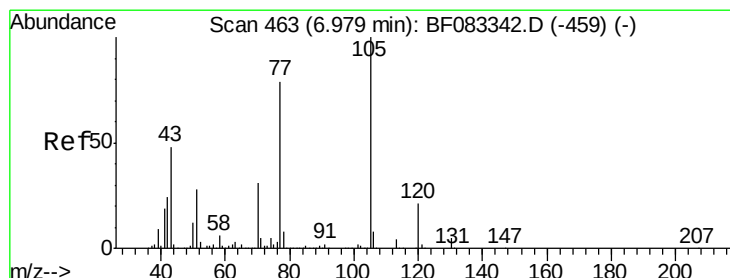
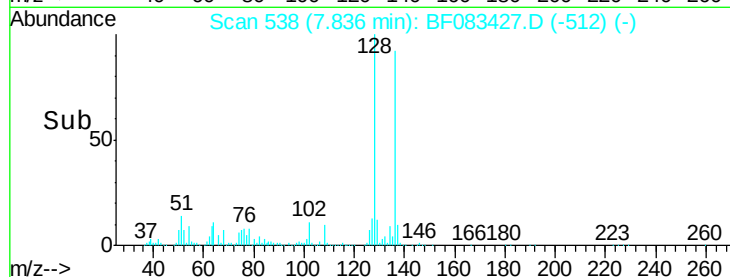
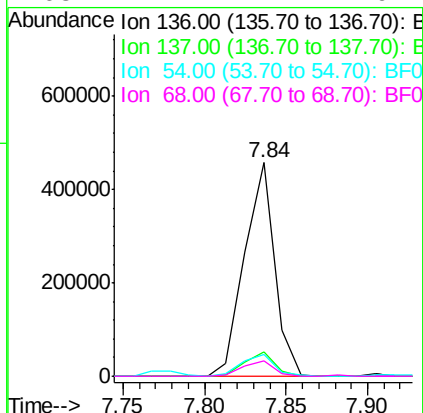
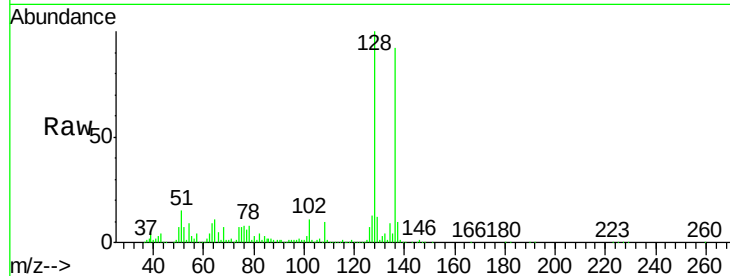




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

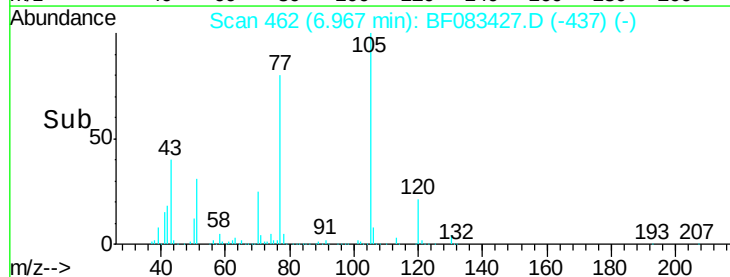
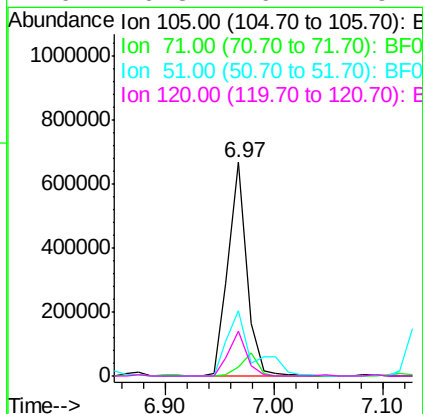
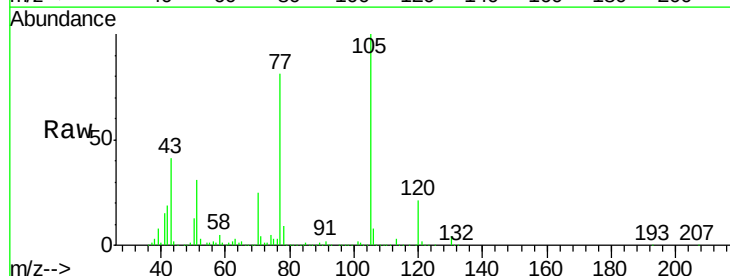
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

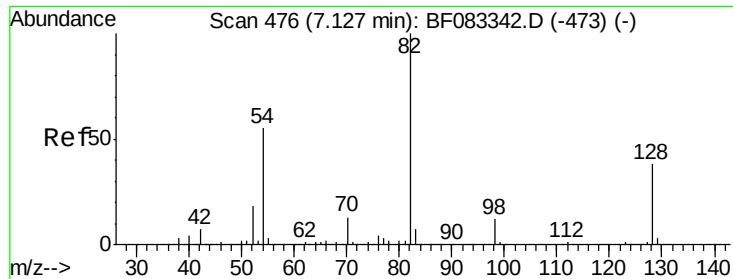
Tgt Ion:	136	Resp:	584231
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.1	10.1	15.1
68	7.2	7.1	10.7



#22
Acetophenone
Concen: 45.59 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:	105	Resp:	796920
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.3	6.5#
51	30.7	22.9	34.3
120	20.8	16.7	25.1

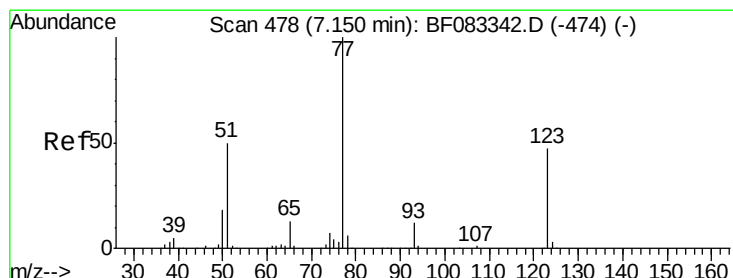
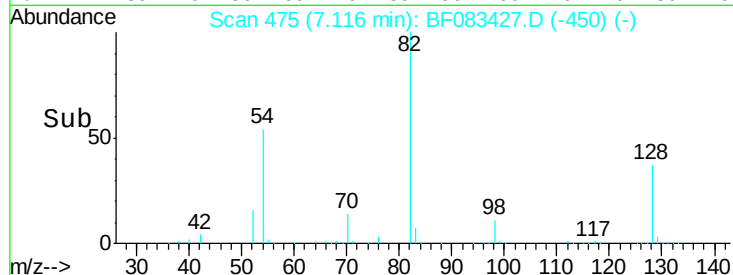
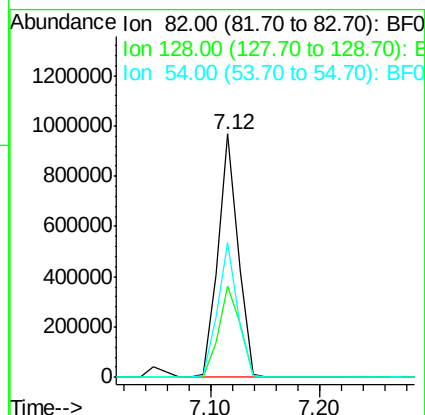
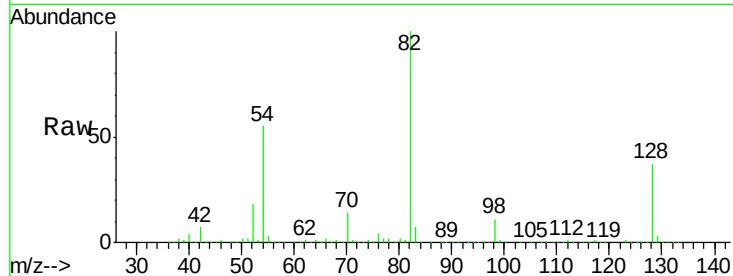




#23
 Nitrobenzene-d5
 Concen: 94.40 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

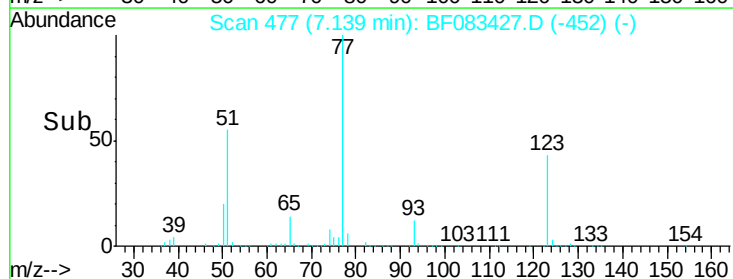
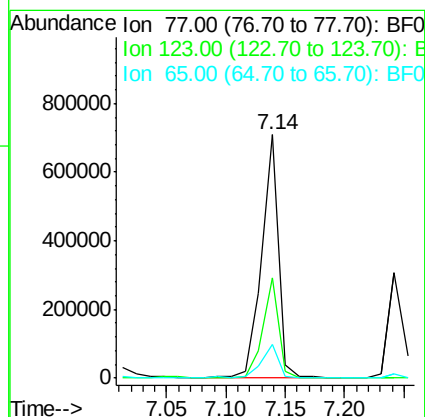
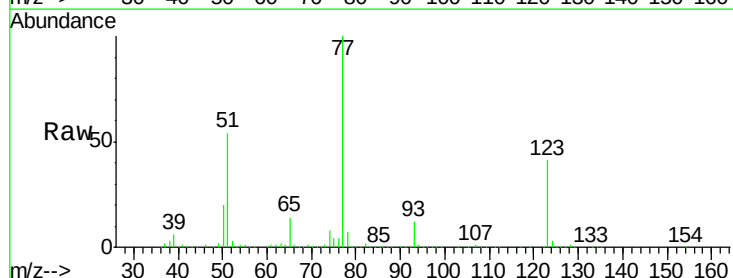
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

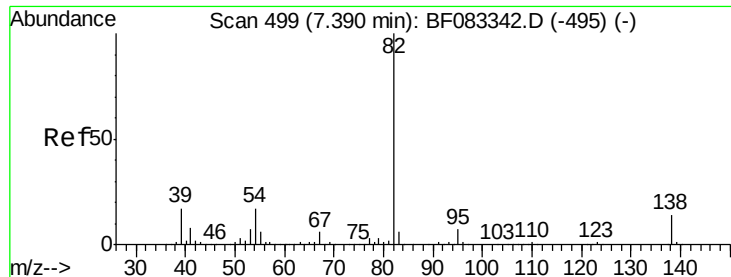
Tgt Ion: 82 Resp: 1254578
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.6 46.0
 54 55.1 43.8 65.6



#24
 Nitrobenzene
 Concen: 49.32 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion: 77 Resp: 700007
 Ion Ratio Lower Upper
 77 100
 123 41.3 37.4 56.0
 65 13.7 10.6 15.8

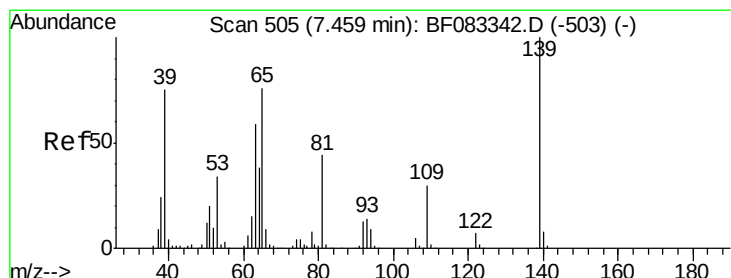
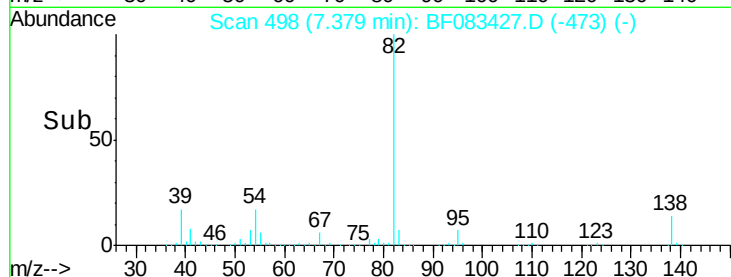
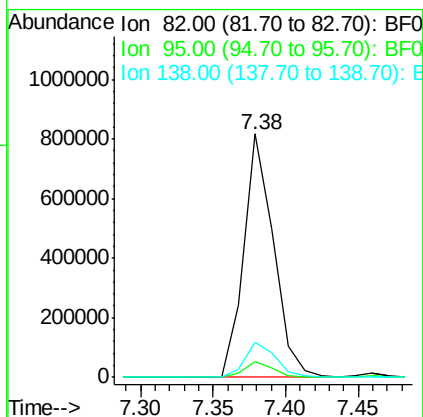
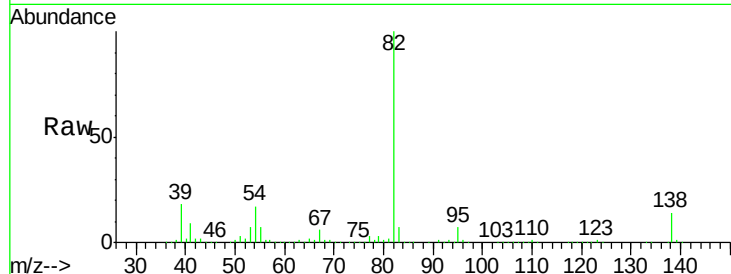




#25
Isophorone
Concen: 45.08 ng
RT: 7.38 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

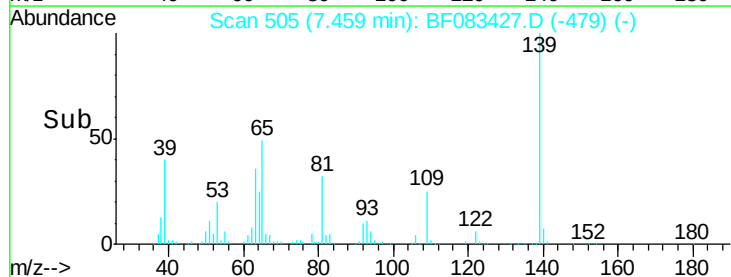
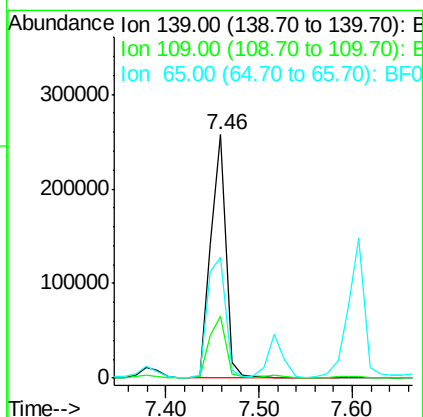
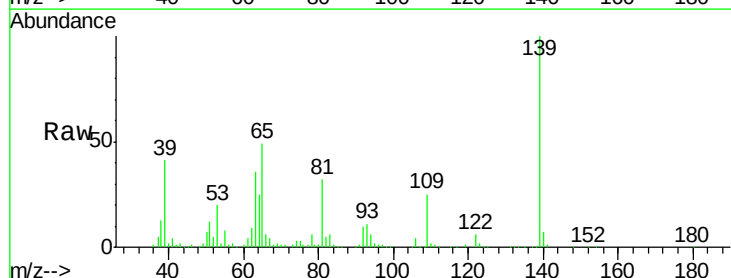
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

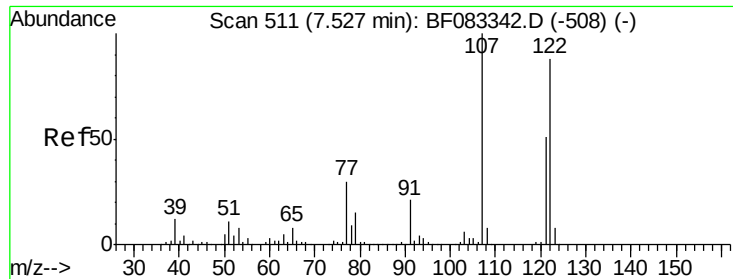
Tgt Ion: 82 Resp: 1160555
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 14.1 11.6 17.4



#26
2-Nitrophenol
Concen: 50.62 ng
RT: 7.46 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion: 139 Resp: 293252
Ion Ratio Lower Upper
139 100
109 25.4 24.2 36.4
65 49.5 61.0 91.6#

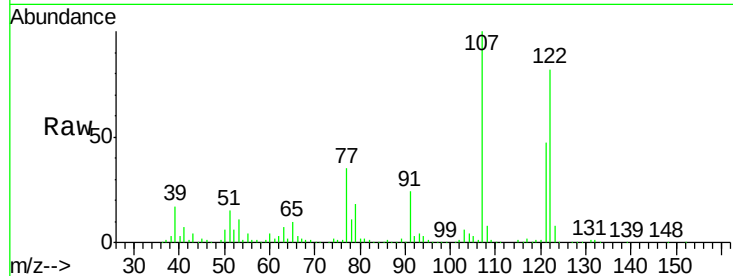




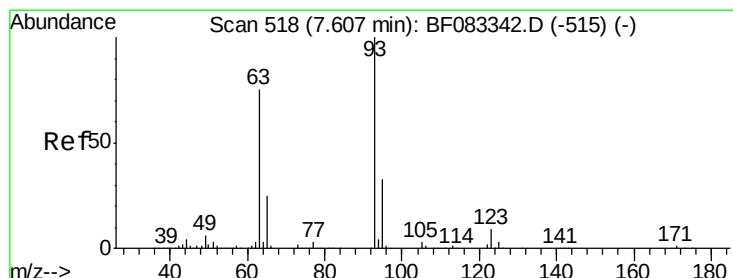
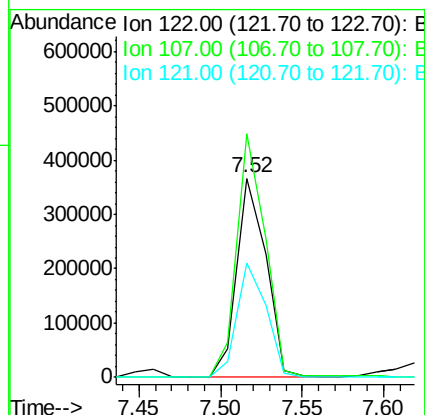
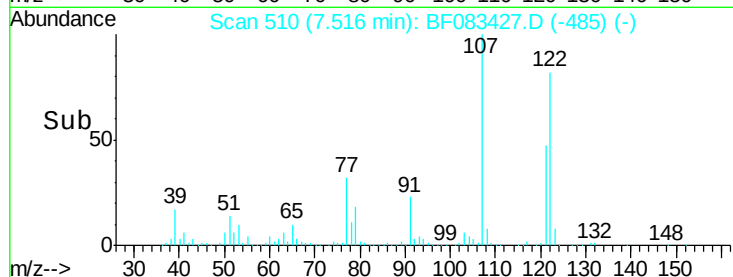
#27
2,4-Dimethylphenol
Concen: 47.01 ng
RT: 7.52 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:122 Resp: 456586
Ion Ratio Lower Upper
122 100
107 122.4 91.2 136.8
121 57.5 46.4 69.6

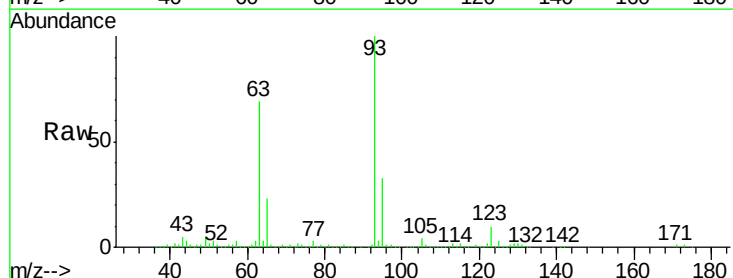


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

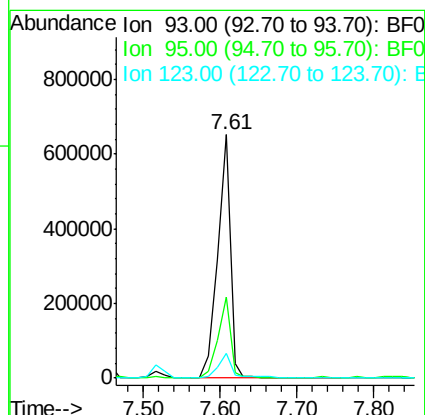
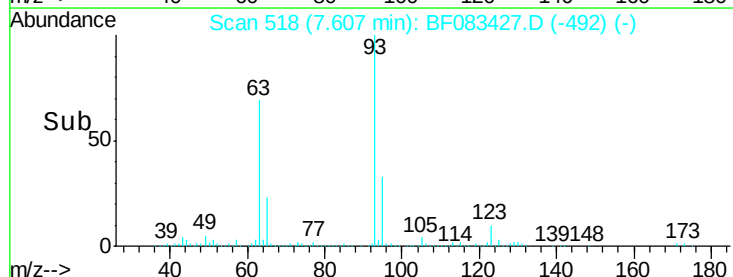


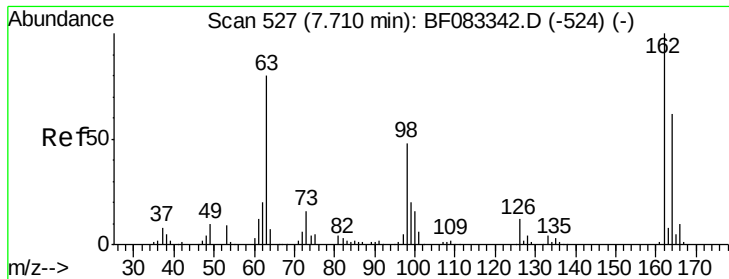
#28
bis(2-Chloroethoxy)methane
Concen: 50.46 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion: 93 Resp: 739729
Ion Ratio Lower Upper
93 100
95 33.4 26.1 39.1
123 10.1 7.4 11.0



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

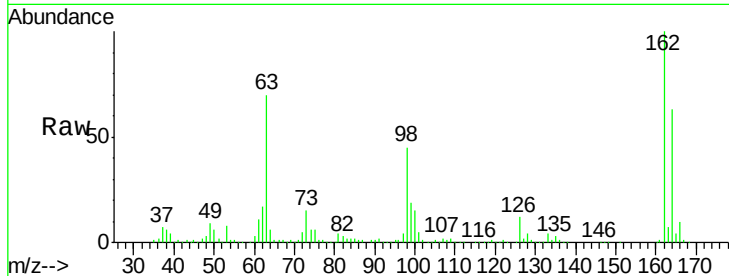




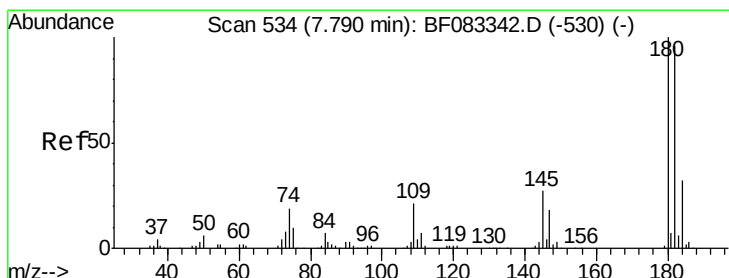
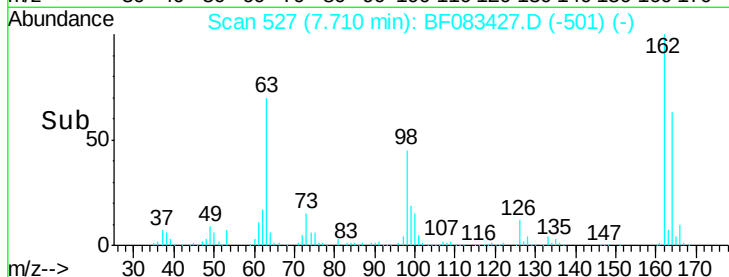
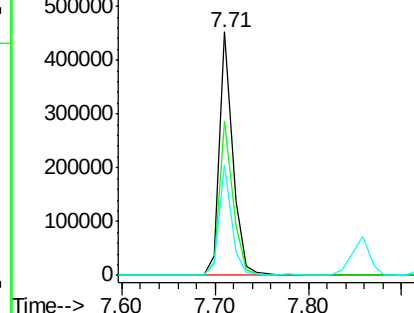
#29
 2,4-Dichlorophenol
 Concen: 48.56 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	41.9	81.9
98	45.2	28.1	68.1

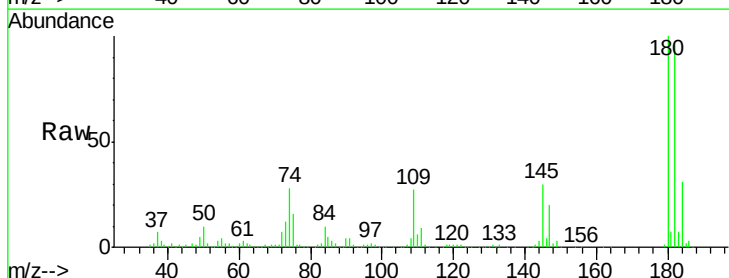


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

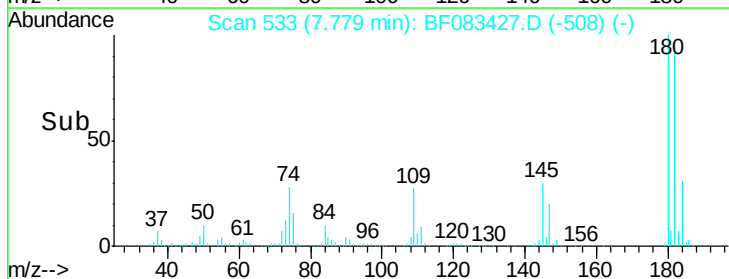
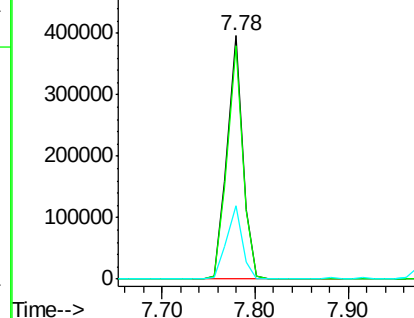


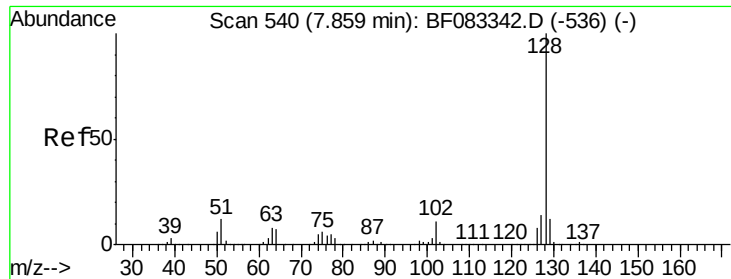
#30
 1,2,4-Trichlorobenzene
 Concen: 45.94 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.2	115.8
145	30.4	21.4	32.2



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

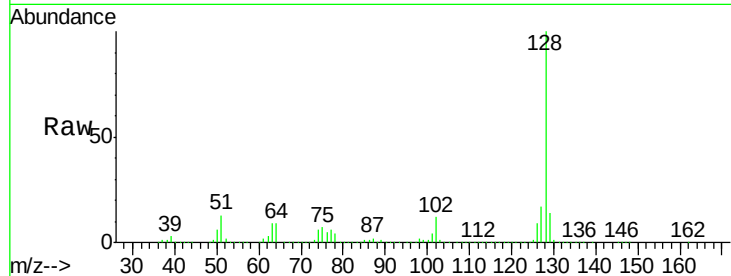




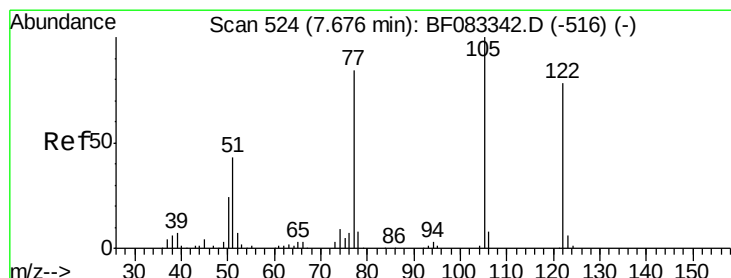
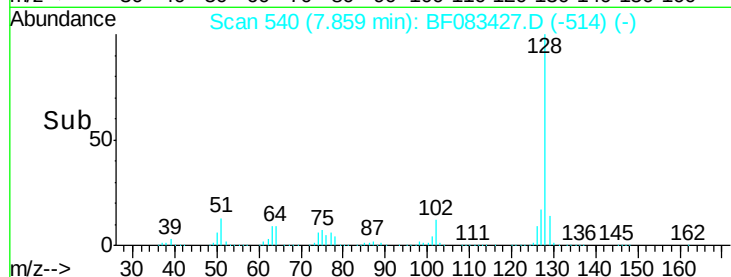
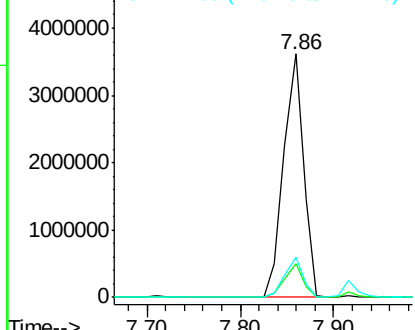
#31
Naphthalene
Concen: 170.35 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:128 Resp: 5399873
Ion Ratio Lower Upper
128 100
129 14.0 9.7 14.5
127 16.5 11.0 16.4#

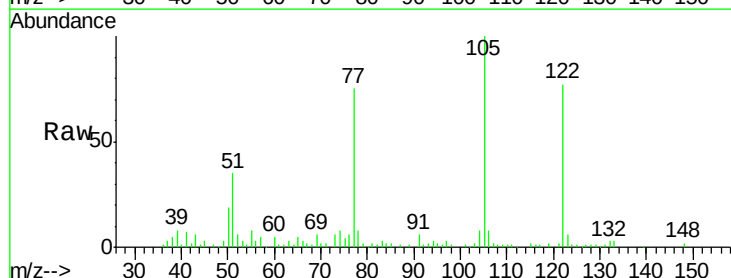


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

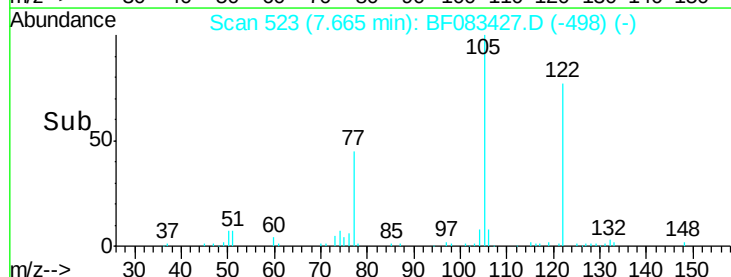
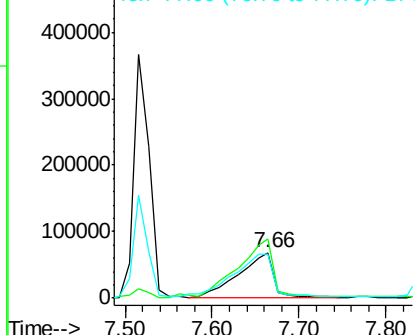


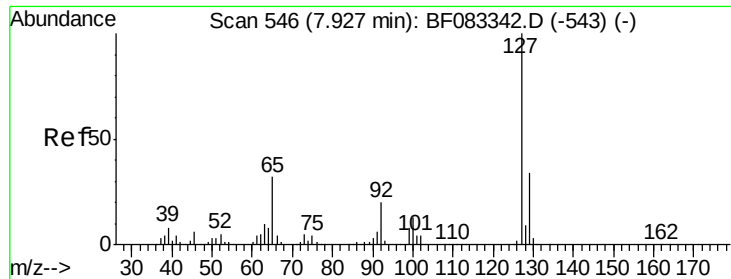
#32
Benzoic acid
Concen: 27.79 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:122 Resp: 186171
Ion Ratio Lower Upper
122 100
105 130.6 106.0 146.0
77 97.4 86.3 126.3



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

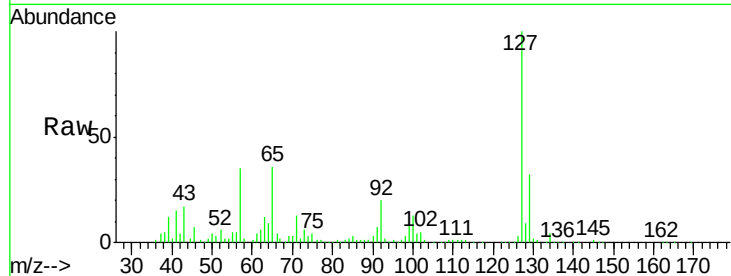




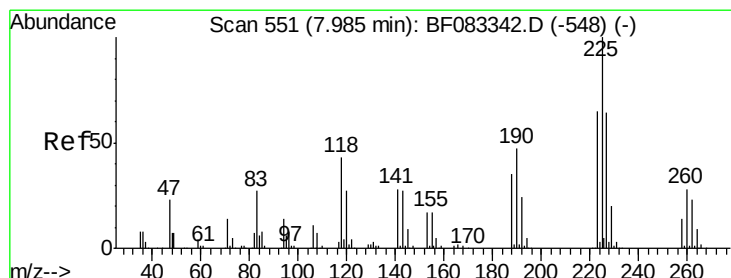
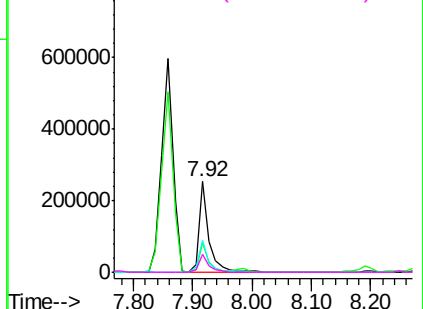
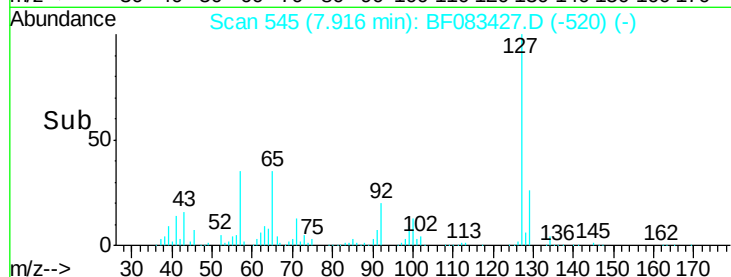
#33
4-Chloroaniline
Concen: 21.60 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:	127	Resp:	295229
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	35.7	25.9	38.9
92	20.1	15.8	23.8

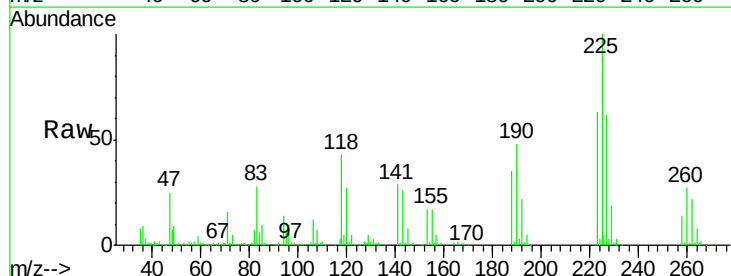


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

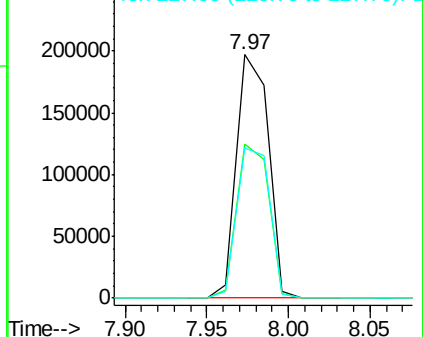
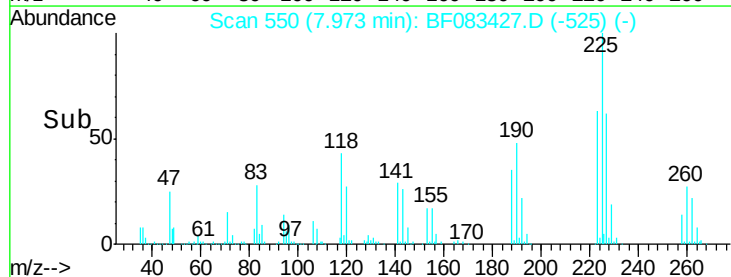


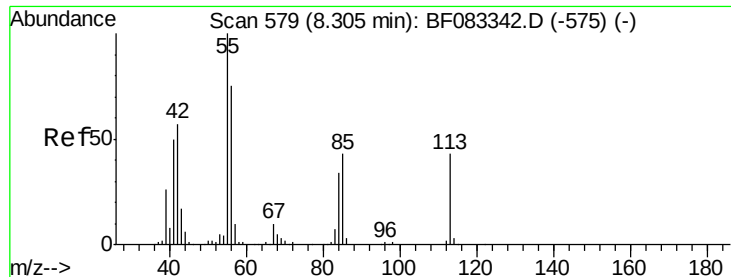
#34
Hexachlorobutadiene
Concen: 45.89 ng
RT: 7.97 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:	225	Resp:	264907
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.0	78.0
227	61.6	51.1	76.7



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

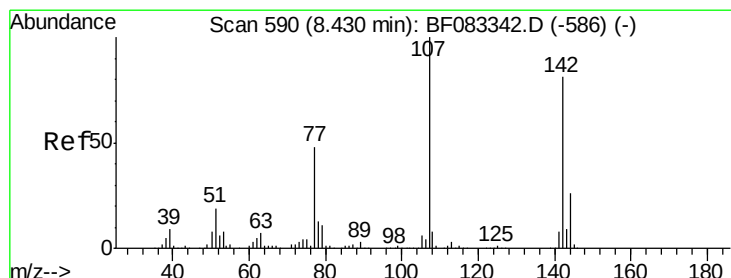
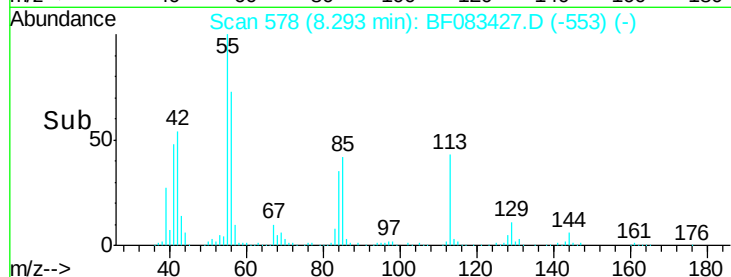
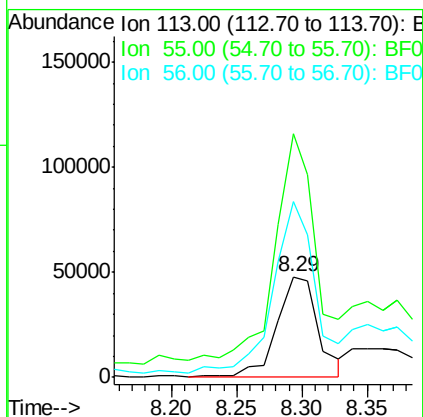
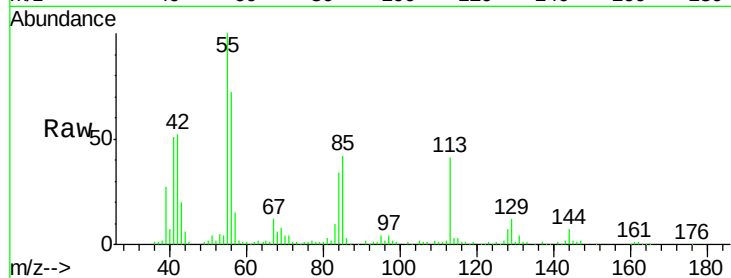




#35
 Caprolactam
 Concen: 36.05 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

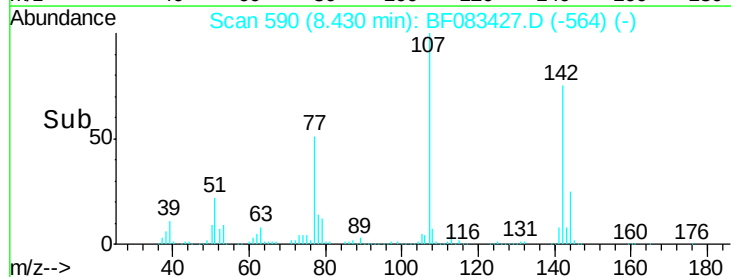
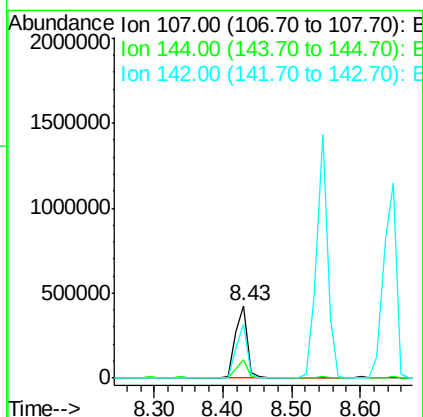
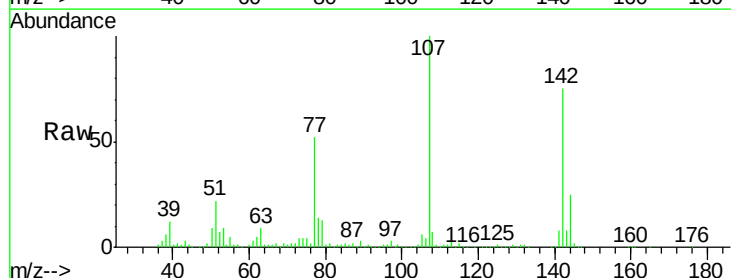
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

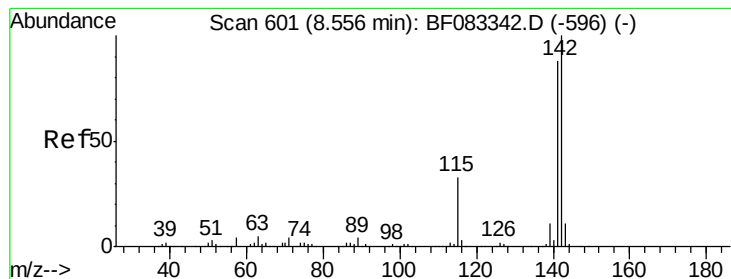
Tgt Ion:113 Resp: 106409
 Ion Ratio Lower Upper
 113 100
 55 241.8 211.6 251.6
 56 174.3 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.44 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:107 Resp: 517932
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.1 31.7
 142 74.7 65.1 97.7





#37

2-Methylnaphthalene

Concen: 73.80 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

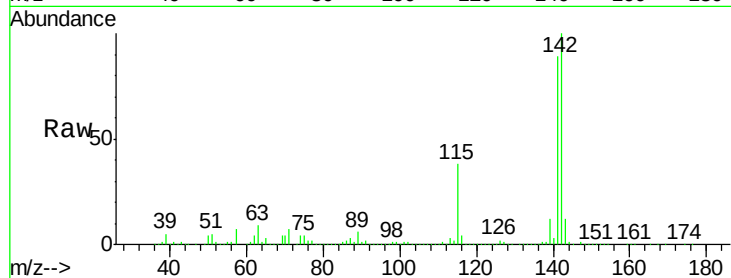
Tgt Ion:142 Resp: 1563574

Ion Ratio Lower Upper

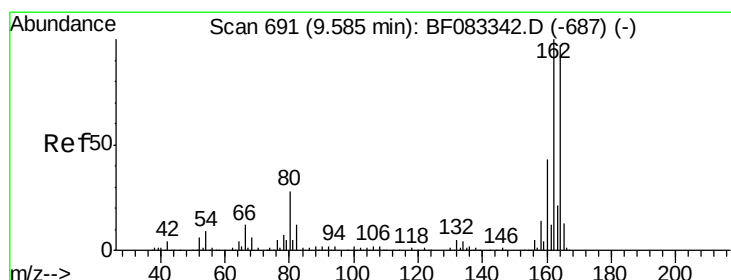
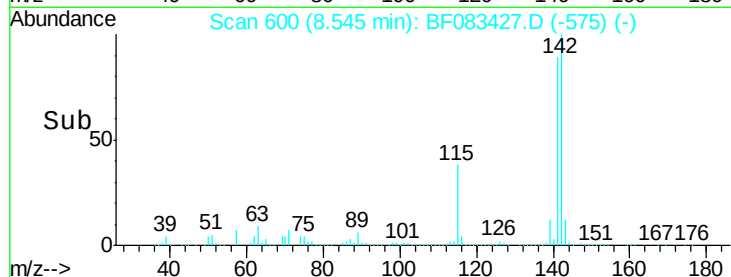
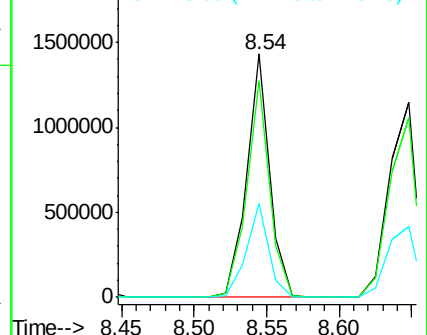
142 100

141 89.1 70.6 105.8

115 38.5 26.2 39.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

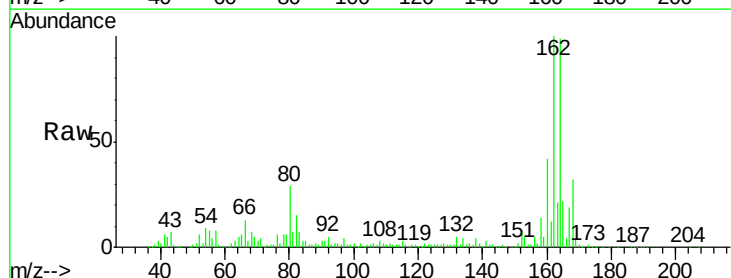
Tgt Ion:164 Resp: 291516

Ion Ratio Lower Upper

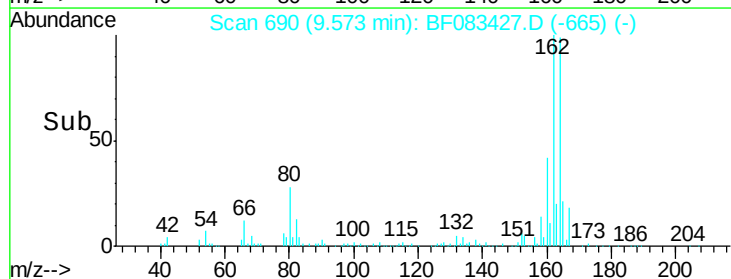
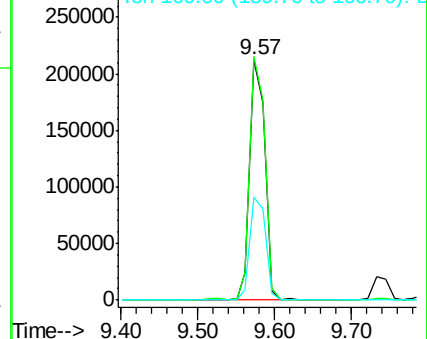
164 100

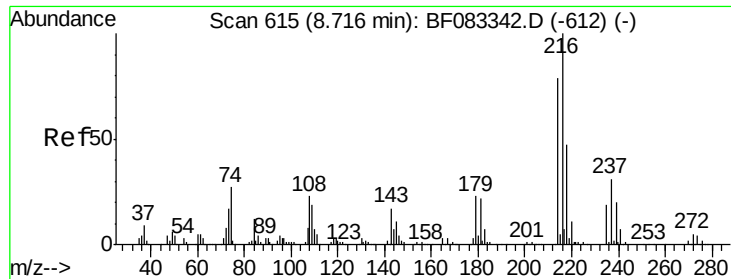
162 101.4 82.6 123.8

160 42.7 35.3 52.9



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

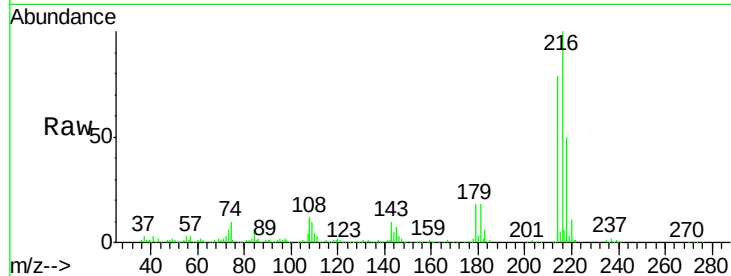




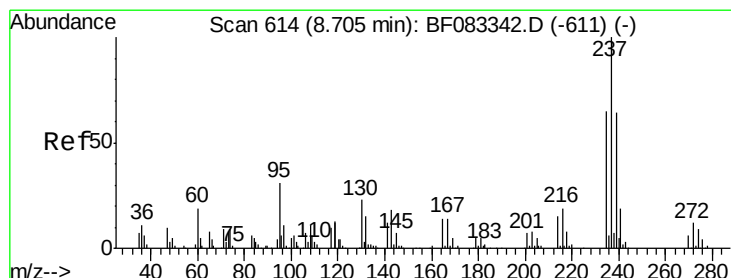
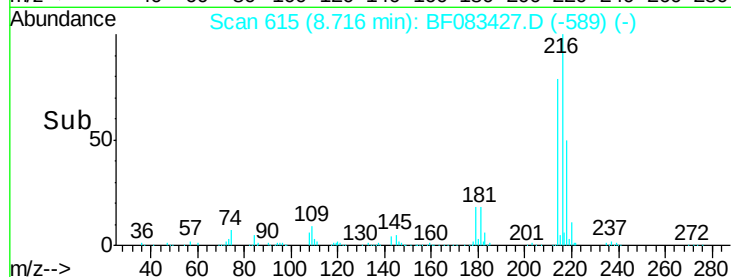
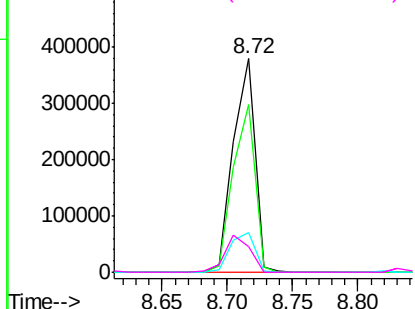
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.36 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion:	216	Resp:	437684
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.3	93.5
179	21.3	17.0	25.4
108	19.9	16.7	25.1

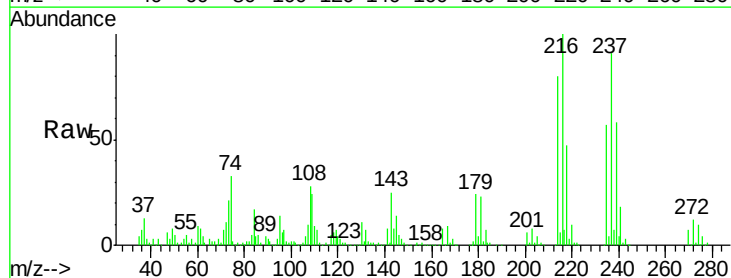


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

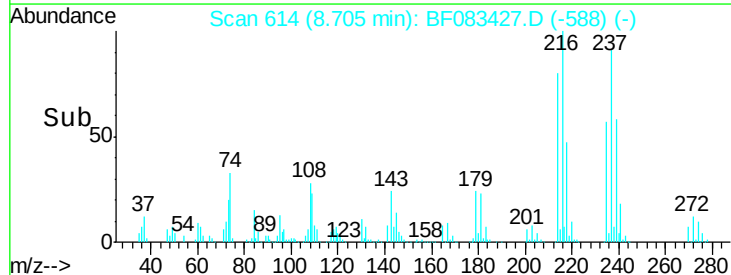
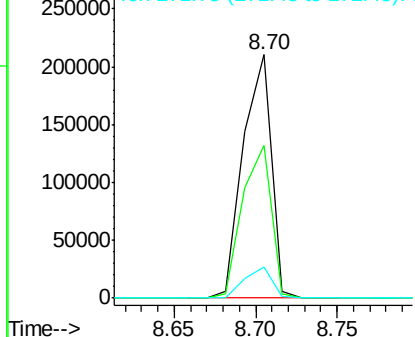


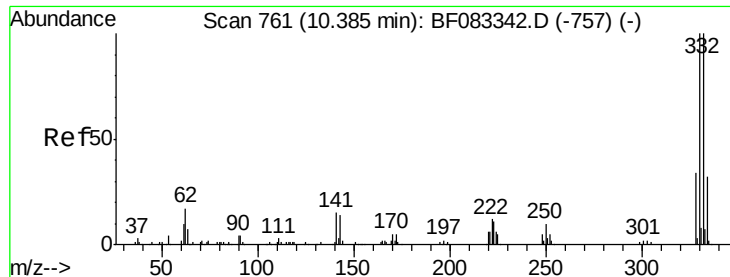
#40
 Hexachlorocyclopentadiene
 Concen: 57.39 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:	237	Resp:	251912
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.5	84.5
272	12.7	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

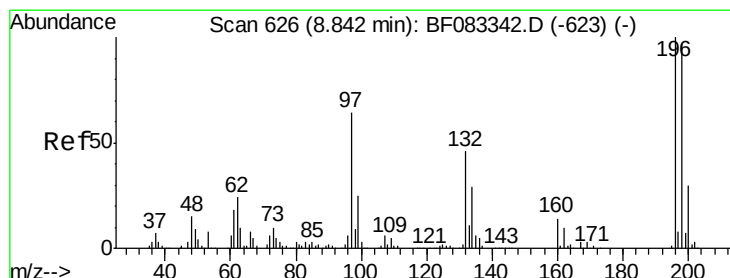
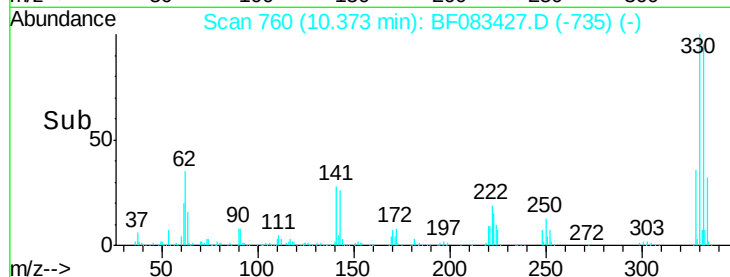
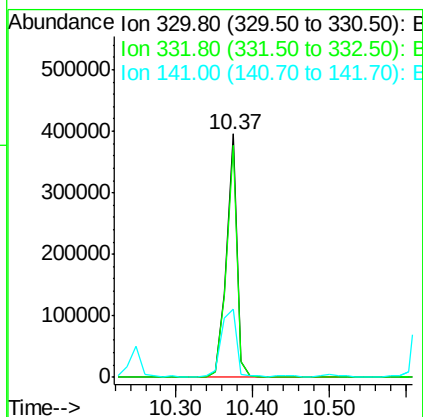
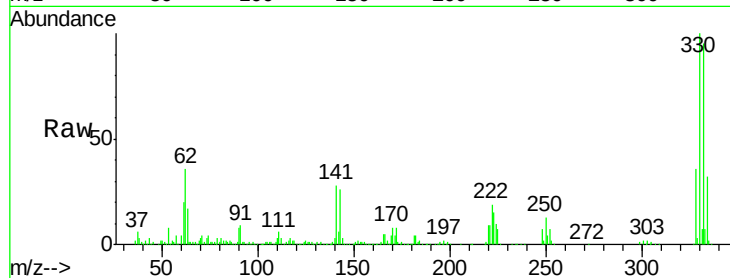




#41
 2,4,6-Tribromophenol
 Concen: 135.44 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

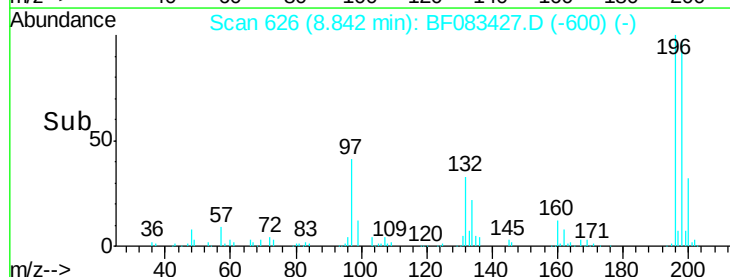
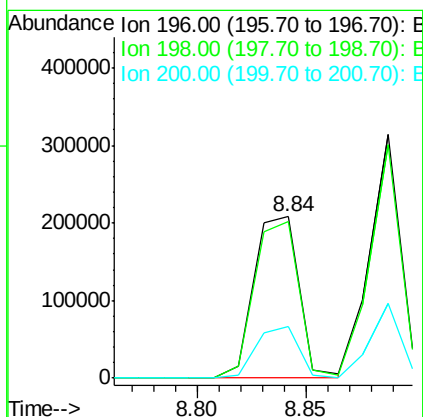
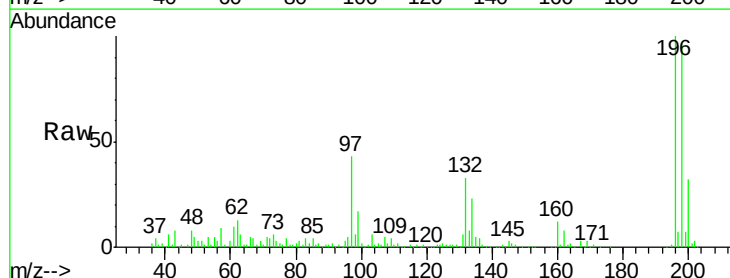
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

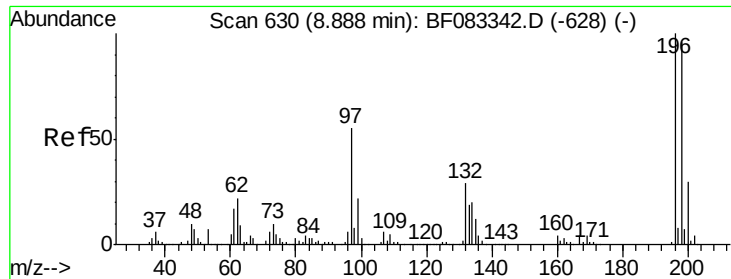
Tgt Ion:330 Resp: 396344
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 38.3 29.4 44.0



#42
 2,4,6-Trichlorophenol
 Concen: 46.45 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:196 Resp: 301116
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.2 115.8
 200 31.6 24.2 36.4

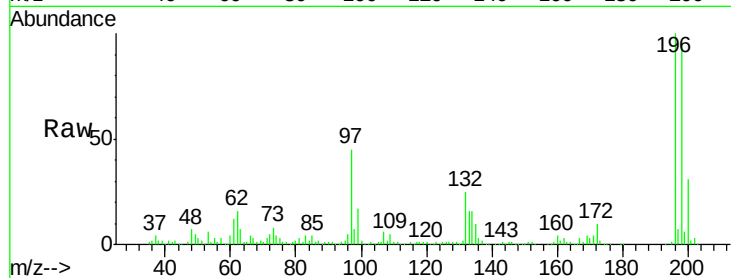




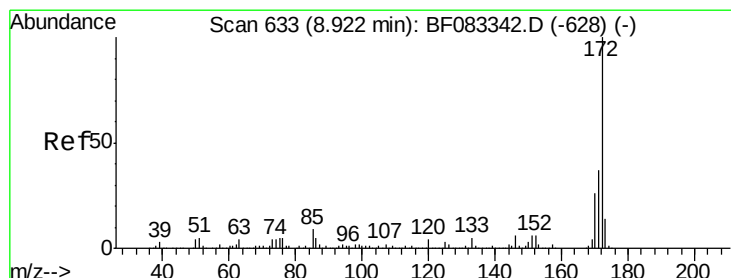
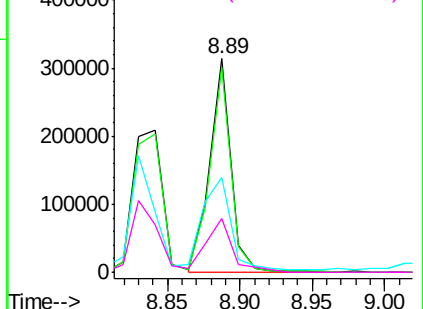
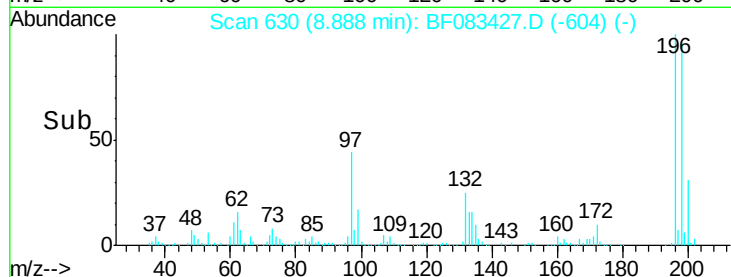
#43
 2,4,5-Trichlorophenol
 Concen: 47.18 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion:196 Resp: 316834
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.2 115.8
 97 44.6 44.4 66.6
 132 25.0 23.2 34.8

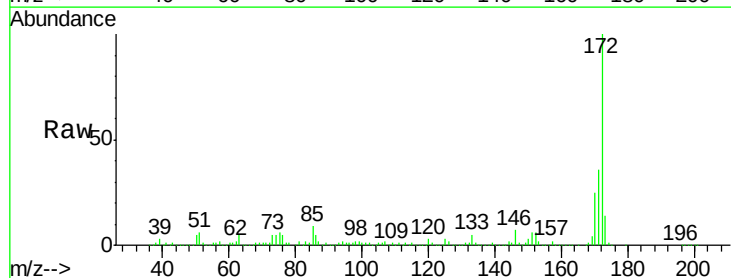


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

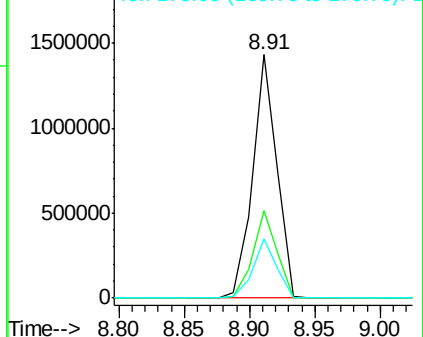
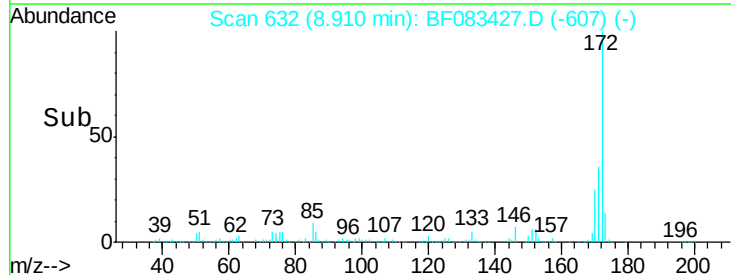


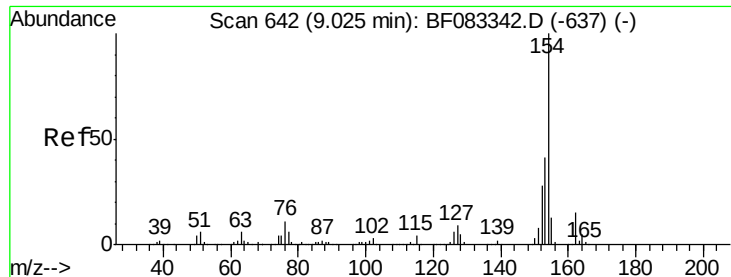
#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:172 Resp: 1838295
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.4 30.6



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: 58.53 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

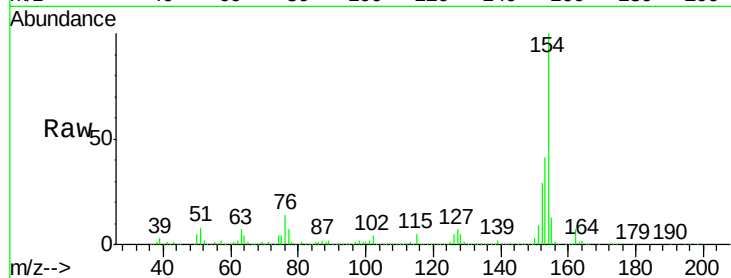
Tgt Ion:154 Resp: 1496361

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

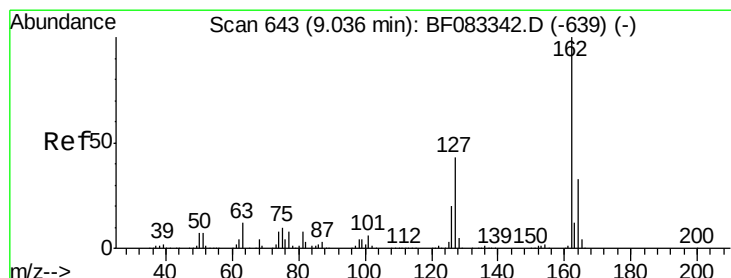
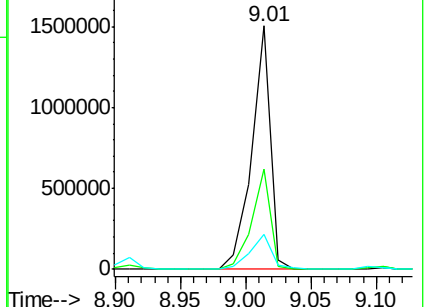
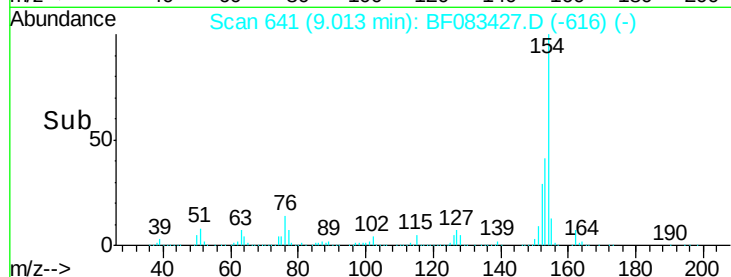
76 14.4 0.0 30.5



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: 46.45 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

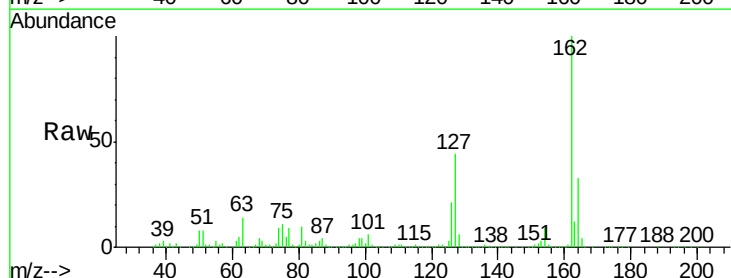
Tgt Ion:162 Resp: 904797

Ion Ratio Lower Upper

162 100

127 43.6 34.1 51.1

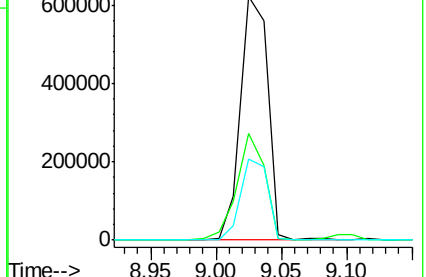
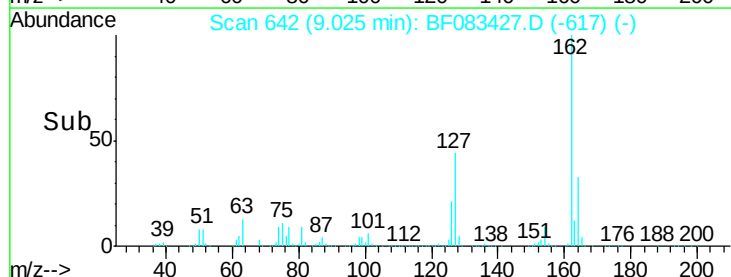
164 33.3 26.6 39.8

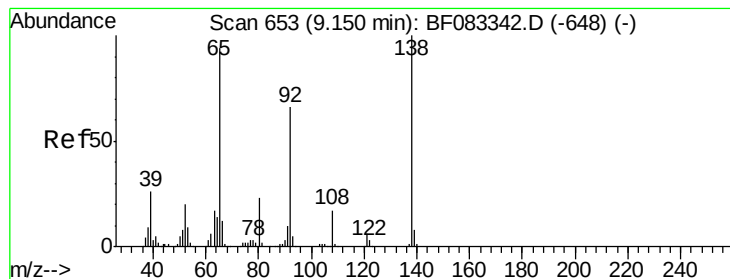


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.14 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

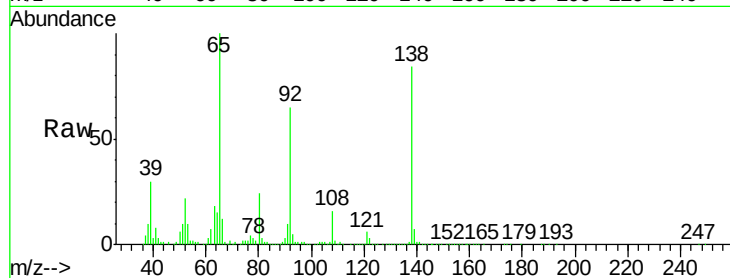
Tgt Ion: 65 Resp: 363680

Ion Ratio Lower Upper

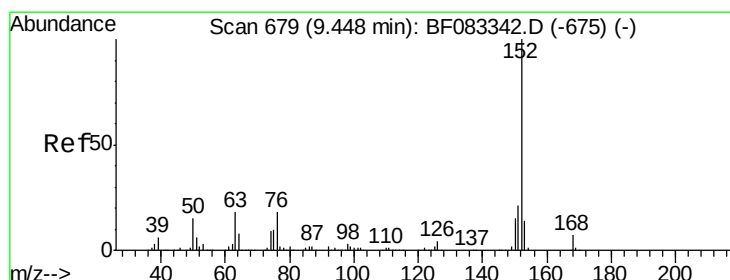
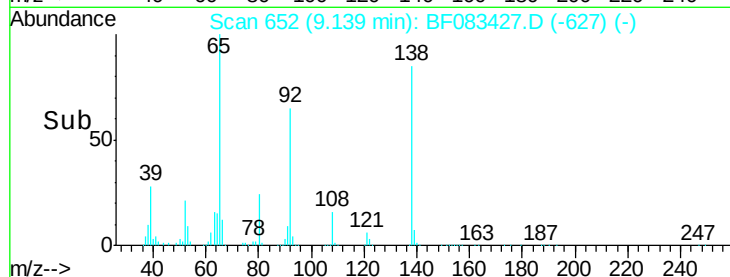
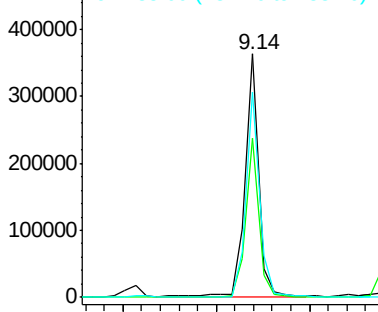
65 100

92 65.2 56.2 84.4

138 84.4 85.4 128.0#



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



#48

Acenaphthylene

Concen: 47.66 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

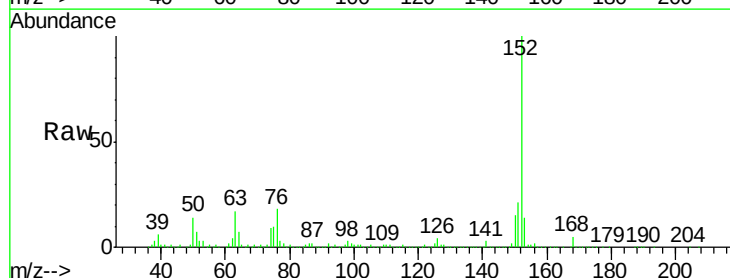
Tgt Ion: 152 Resp: 1480804

Ion Ratio Lower Upper

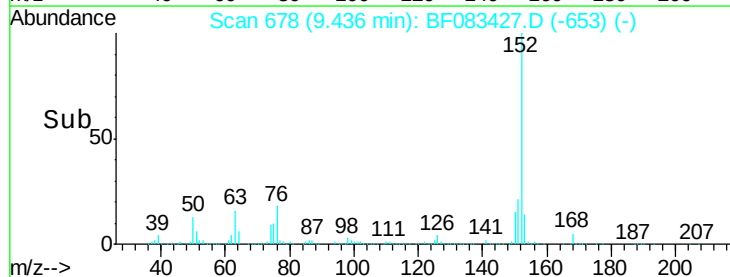
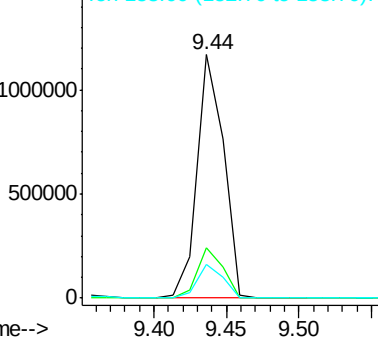
152 100

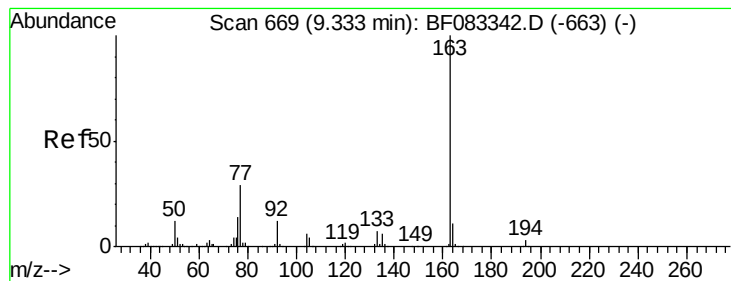
151 20.8 16.7 25.1

153 14.1 11.2 16.8



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: 57.01 ng

RT: 9.33 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

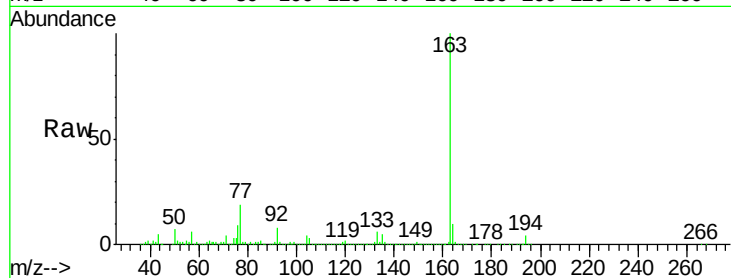
Tgt Ion:163 Resp: 1350507

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

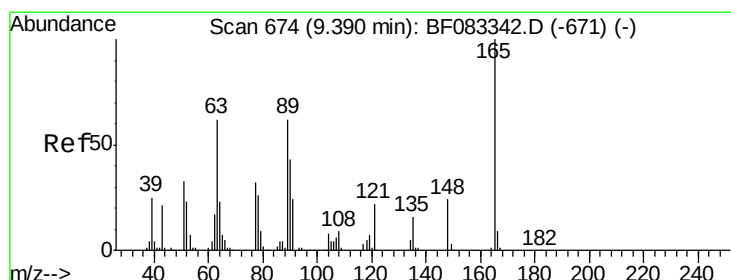
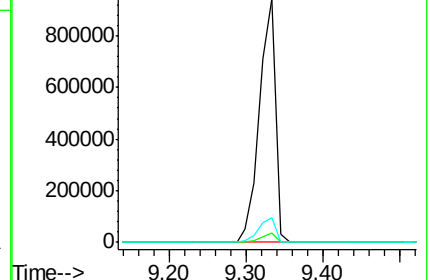
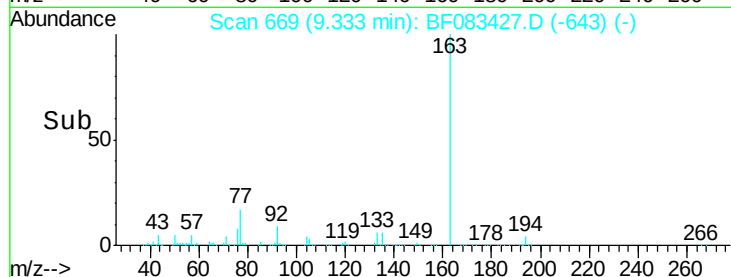
164 10.0 8.8 13.2



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: 46.00 ng

RT: 9.39 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

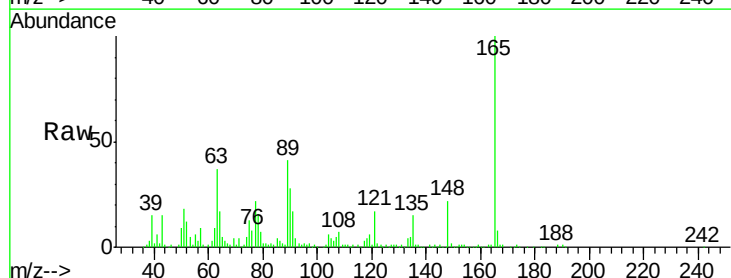
Tgt Ion:165 Resp: 232719

Ion Ratio Lower Upper

165 100

63 36.7 56.0 84.0#

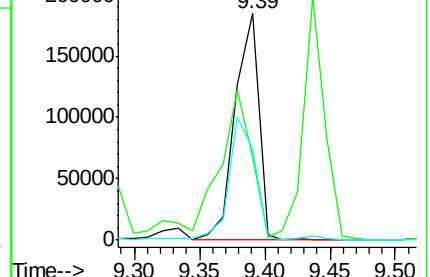
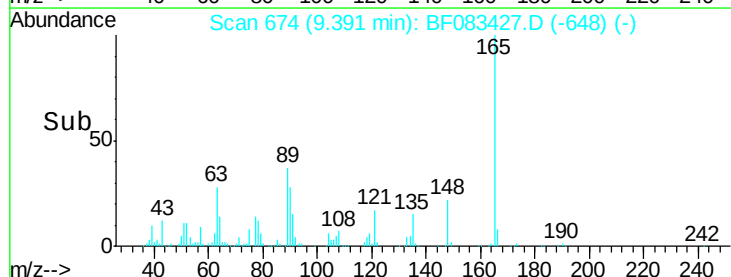
89 40.5 49.8 74.8#

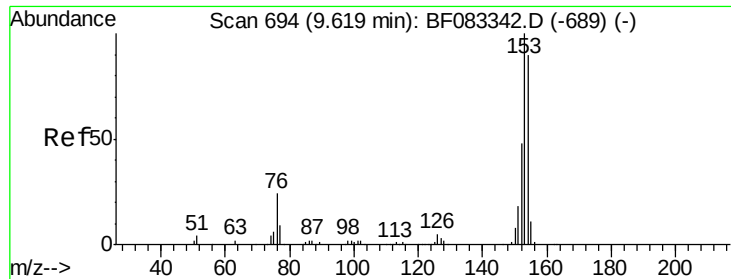


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

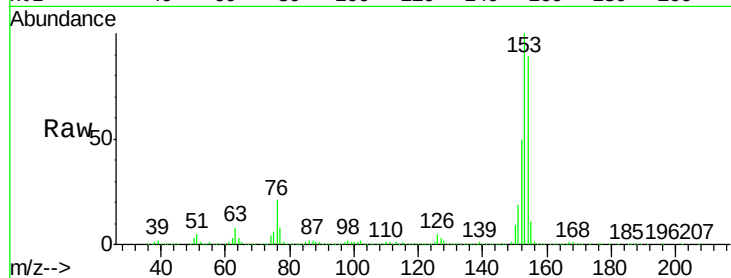




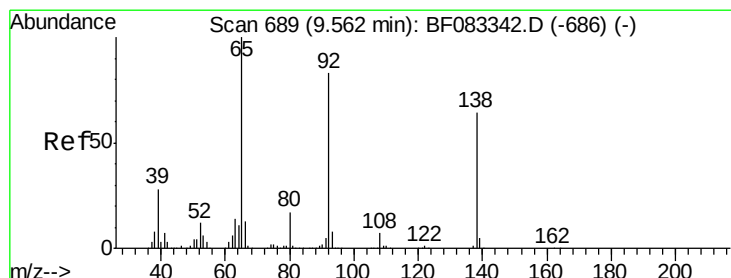
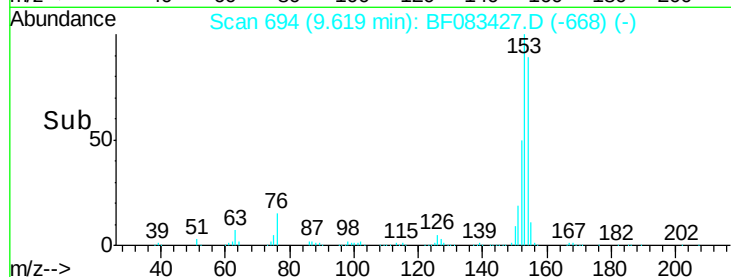
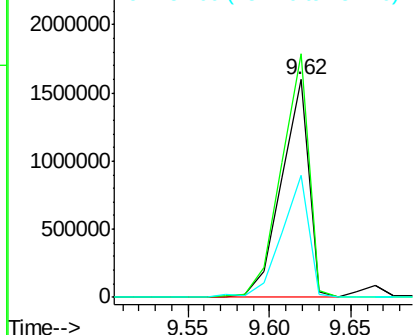
#51
Acenaphthene
Concen: 102.57 ng
RT: 9.62 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:154 Resp: 1874678
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 55.9 42.5 63.7

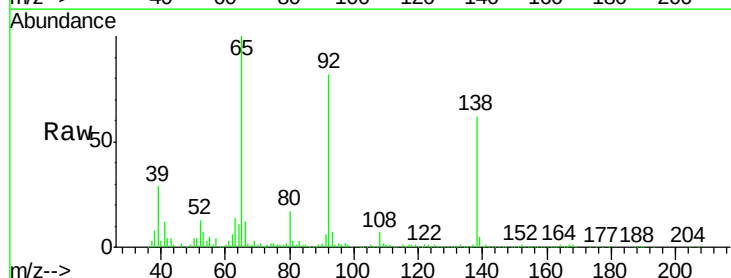


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

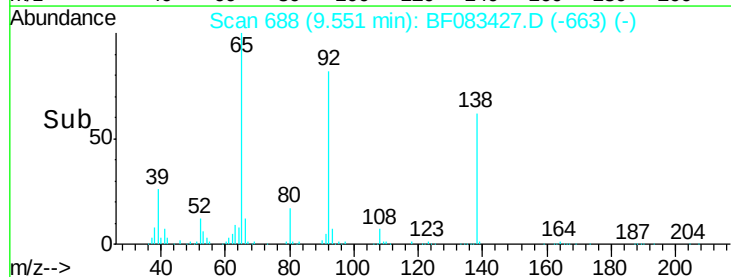
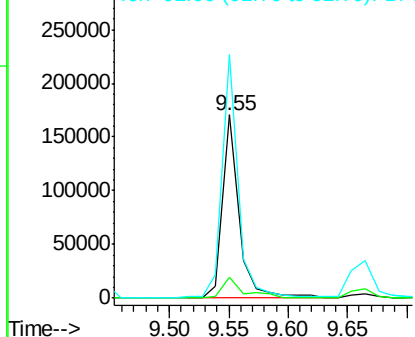


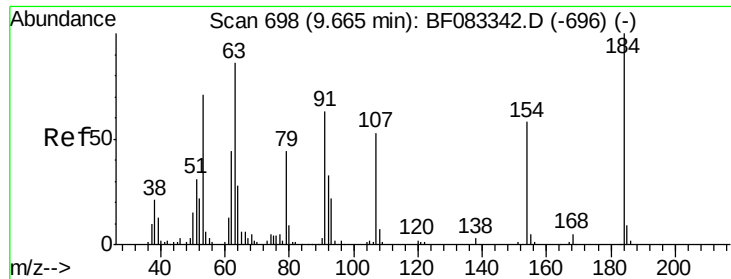
#52
3-Nitroaniline
Concen: 27.70 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:138 Resp: 164275
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 133.1 104.2 156.4



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

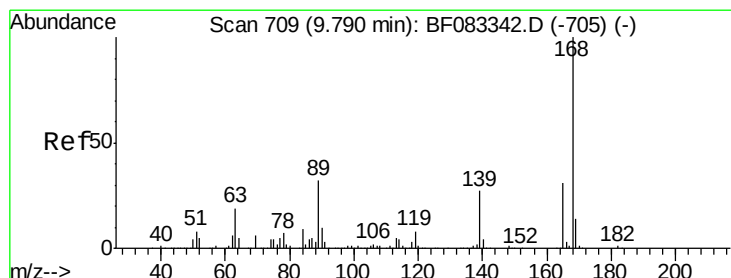
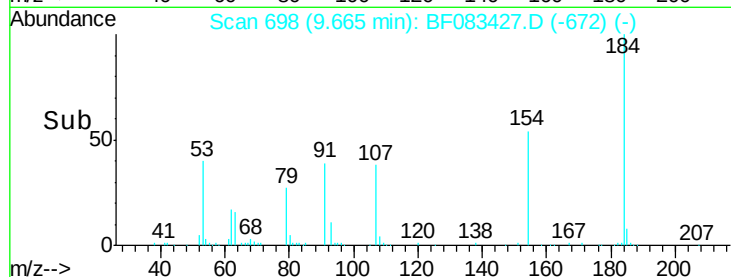
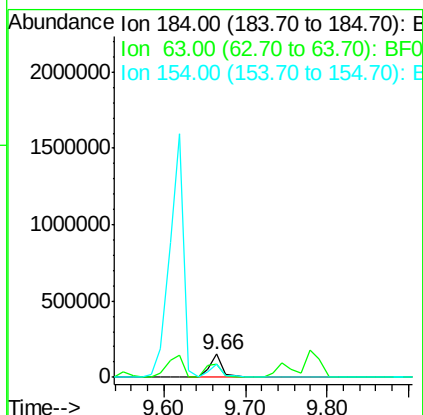
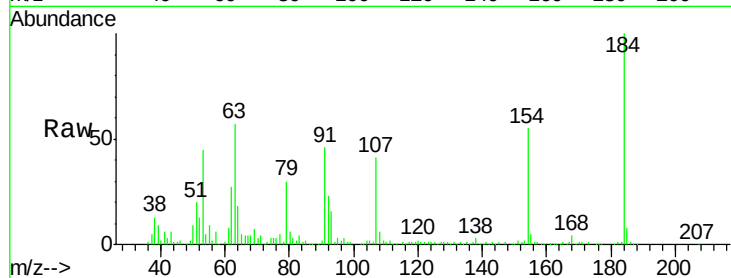




#53
2,4-Dinitrophenol
Concen: 58.62 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

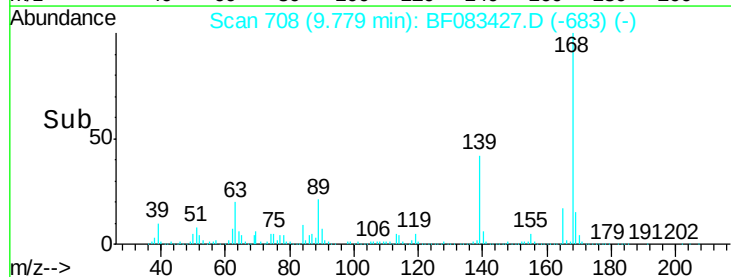
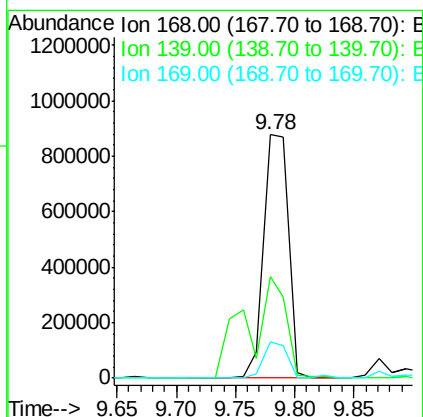
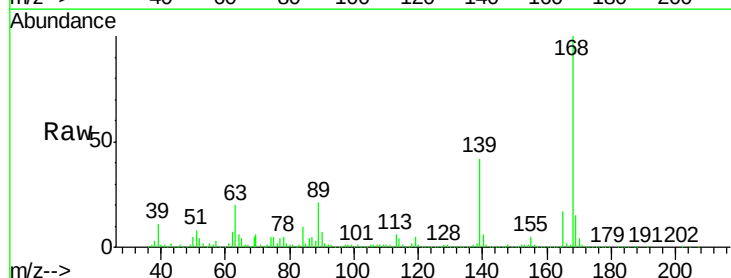
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

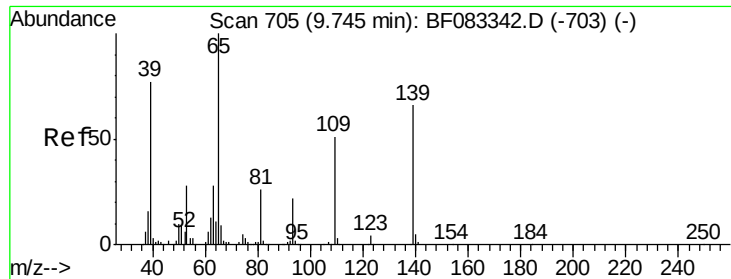
Tgt Ion:184 Resp: 173539
Ion Ratio Lower Upper
184 100
63 57.4 69.0 103.6#
154 55.3 50.0 75.0



#54
Dibenzofuran
Concen: 47.86 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:168 Resp: 1281999
Ion Ratio Lower Upper
168 100
139 41.6 32.7 49.1
169 14.7 11.1 16.7

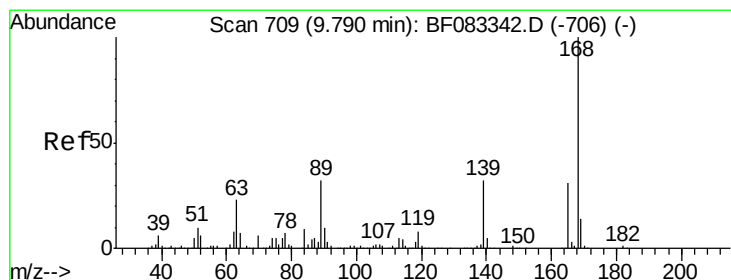
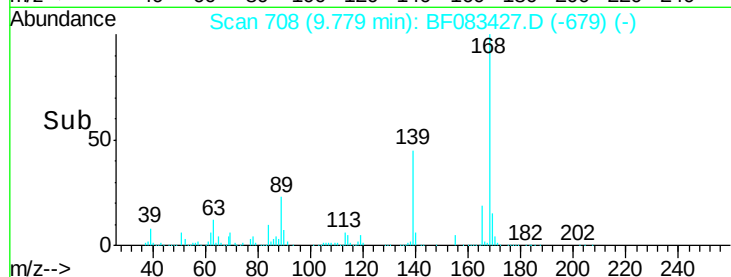
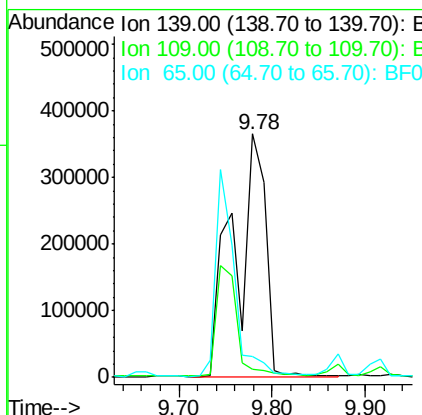
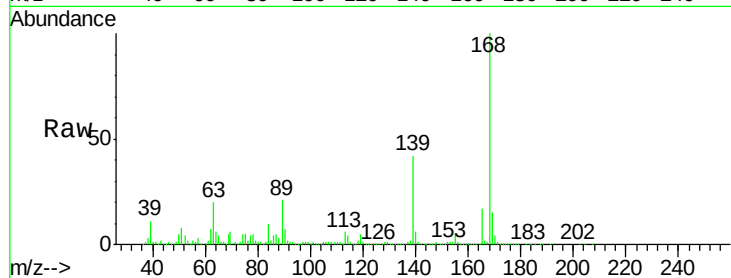




#55
4-Nitrophenol
Concen: 224.21 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.04 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

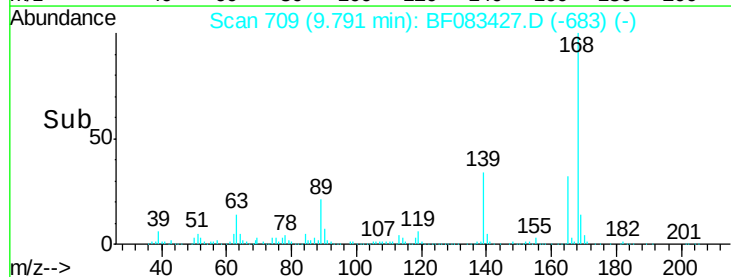
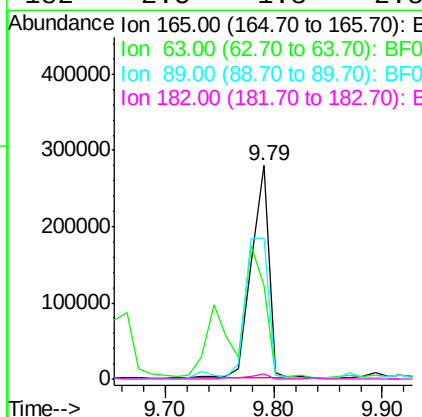
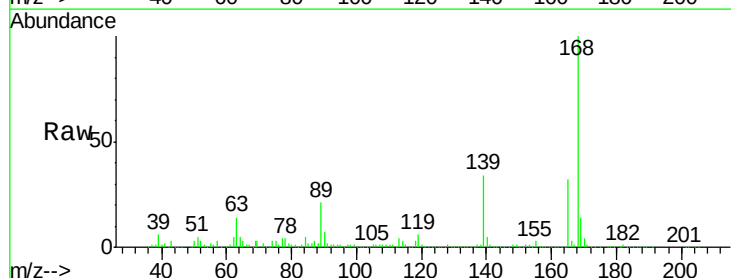
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

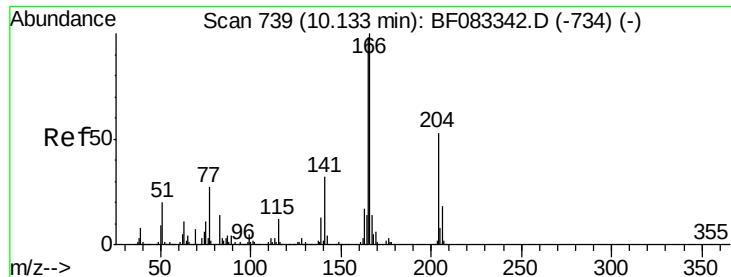
Tgt Ion:139 Resp: 831632
Ion Ratio Lower Upper
139 100
109 3.4 57.4 97.4#
65 8.8 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 49.50 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:165 Resp: 317793
Ion Ratio Lower Upper
165 100
63 43.5 65.4 98.0#
89 66.2 81.2 121.8#
182 2.5 1.8 2.8

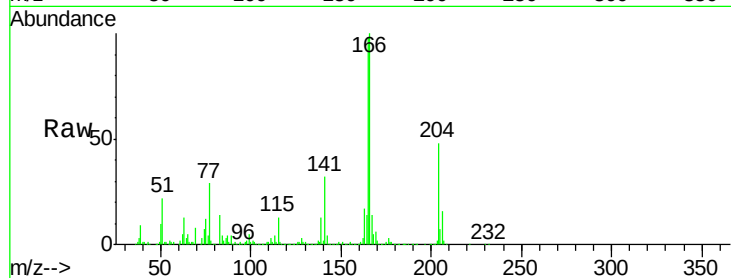




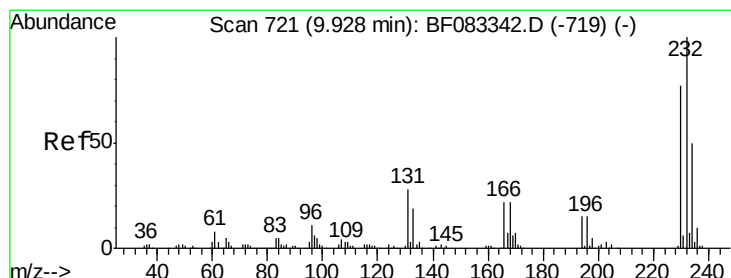
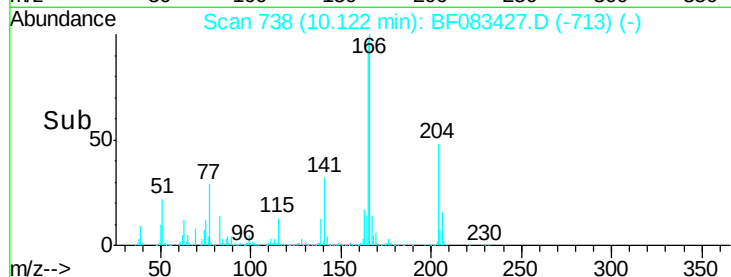
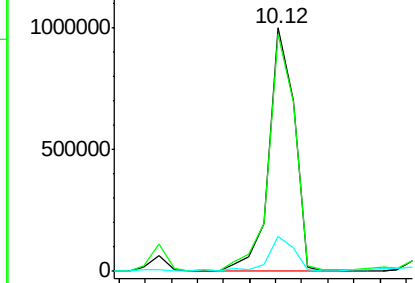
#57
 Fluorene
 Concen: 64.72 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion:166 Resp: 1368842
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.3 117.5
 167 14.4 11.1 16.7

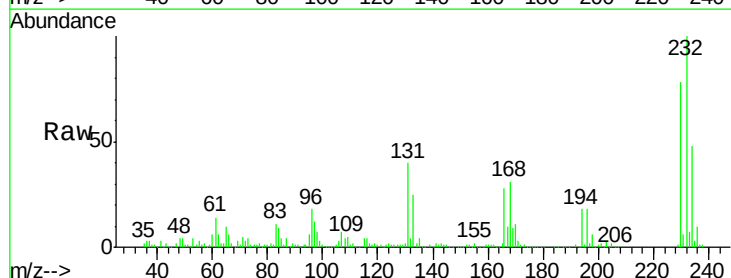


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

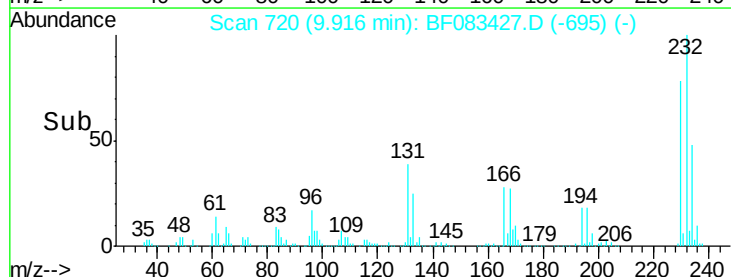
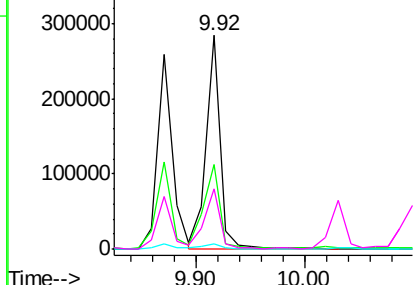


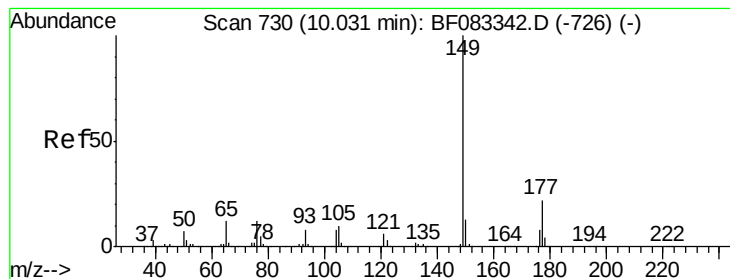
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.46 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:232 Resp: 257144
 Ion Ratio Lower Upper
 232 100
 131 44.1 35.4 53.2
 130 2.5 1.7 2.5
 166 30.0 23.3 34.9



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





#59

Diethylphthalate

Concen: 42.49 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

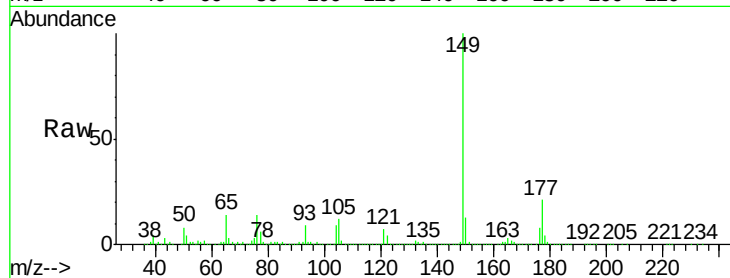
Tgt Ion:149 Resp: 959359

Ion Ratio Lower Upper

149 100

177 21.0 17.4 26.2

150 13.3 10.4 15.6



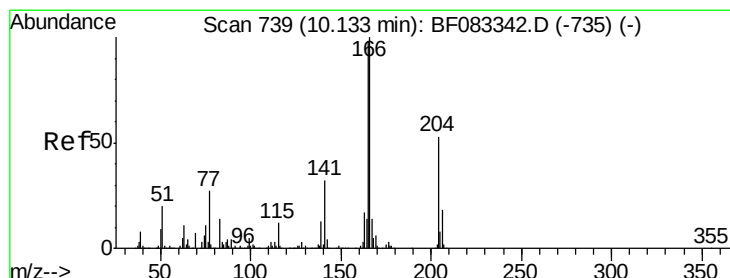
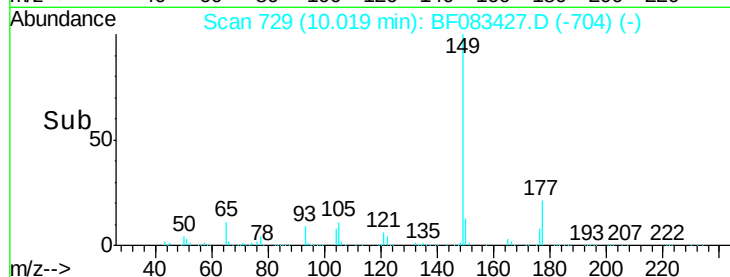
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.02

Time--> 9.90 10.00 10.10



#60

4-Chlorophenyl-phenylether

Concen: 42.49 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

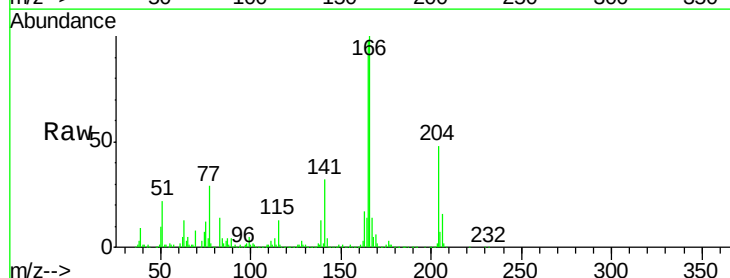
Tgt Ion:204 Resp: 412876

Ion Ratio Lower Upper

204 100

206 34.2 27.5 41.3

141 67.6 48.1 72.1



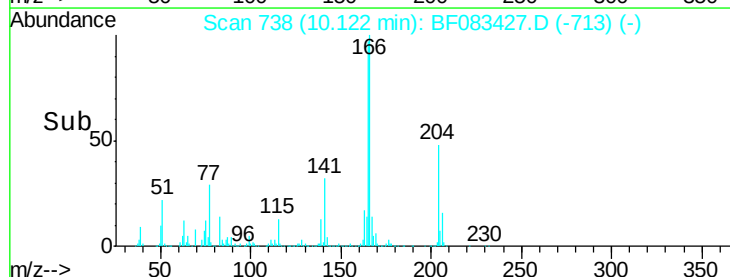
Abundance Ion 204.00 (203.70 to 204.70): E

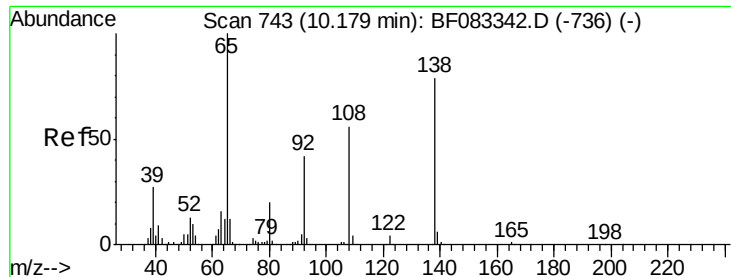
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.12

Time--> 10.00 10.10 10.20

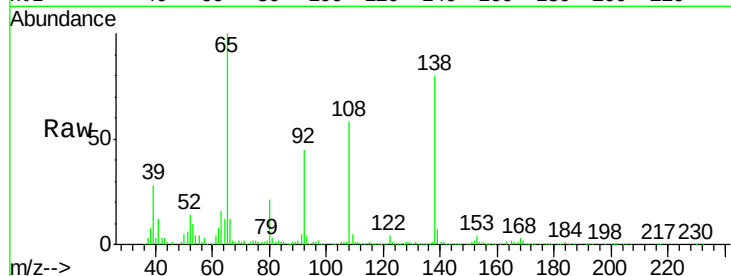




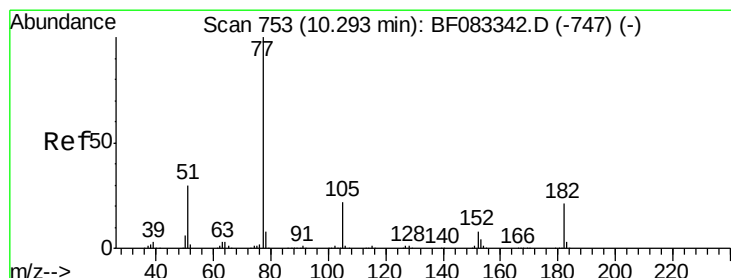
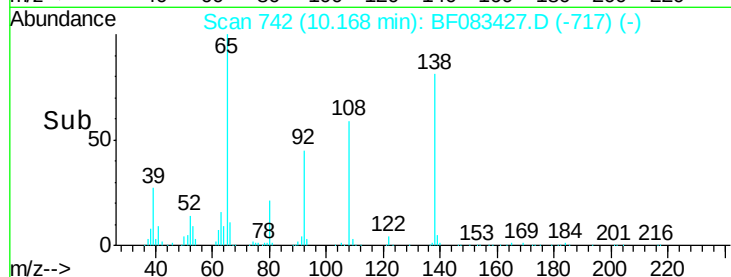
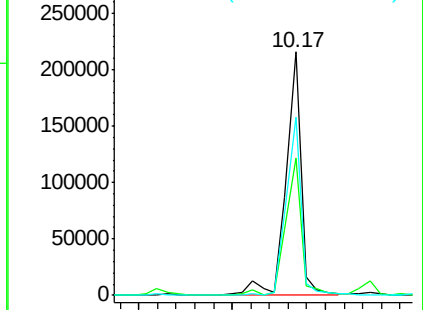
#61
4-Nitroaniline
Concen: 40.62 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion: 138 Resp: 241004
Ion Ratio Lower Upper
138 100
92 56.3 33.6 73.6
108 73.3 51.0 91.0

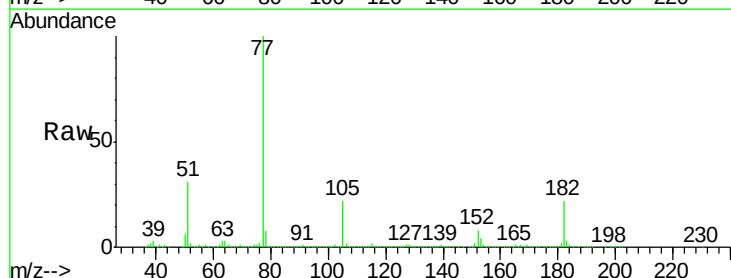


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

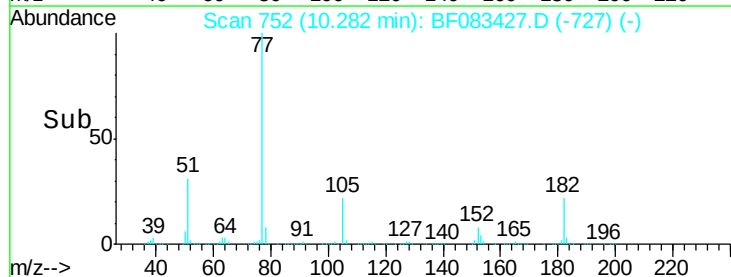
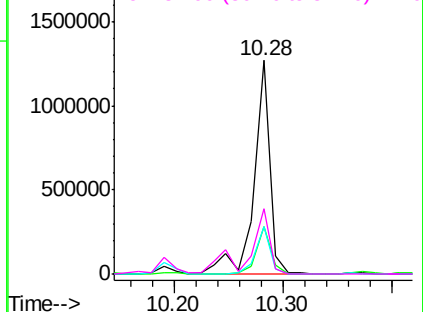


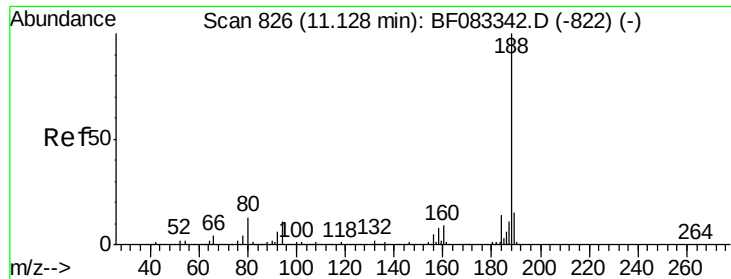
#62
Azobenzene
Concen: 47.42 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion: 77 Resp: 1293574
Ion Ratio Lower Upper
77 100
182 22.2 0.8 40.8
105 22.0 2.3 42.3
51 30.8 10.6 50.6



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

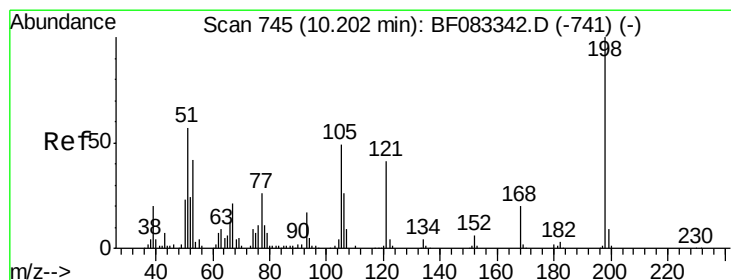
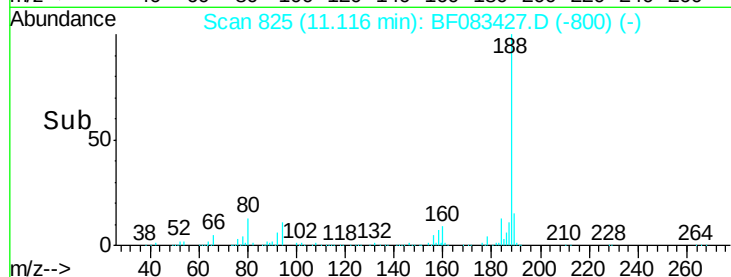
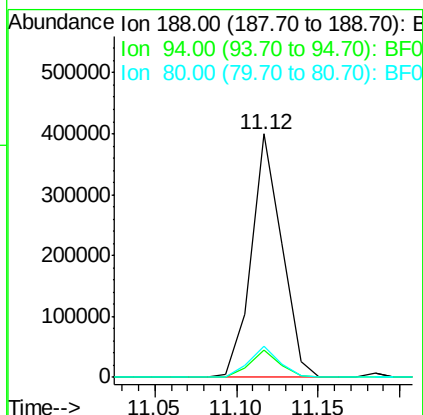
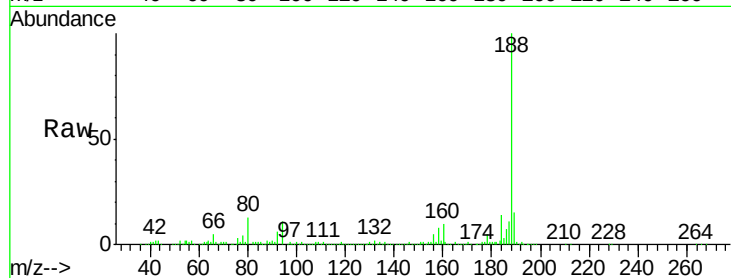




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

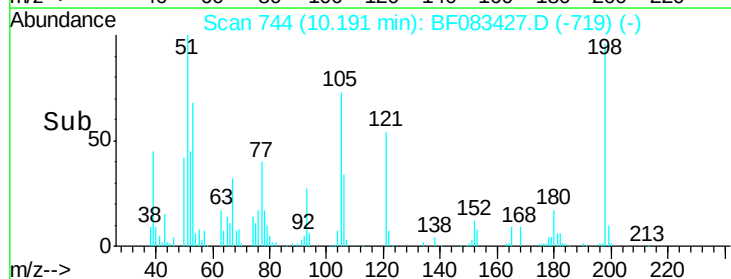
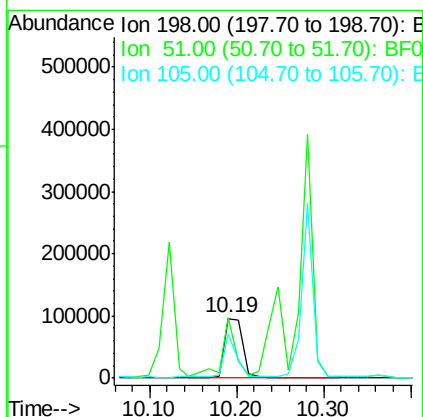
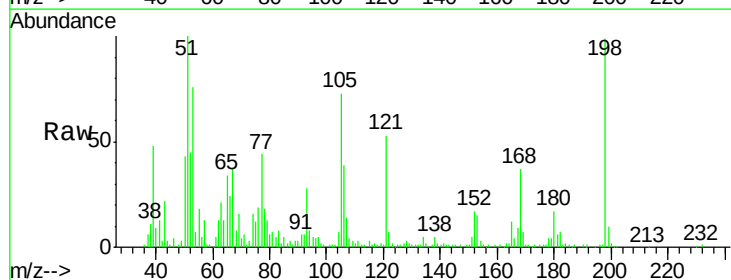
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

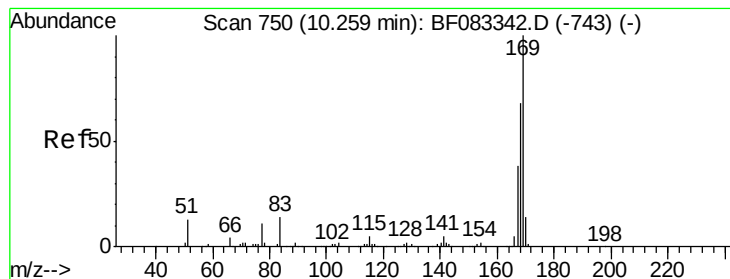
Tgt Ion:188 Resp: 518735
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.8 10.3 15.5



#64
4,6-Dinitro-2-methylphenol
Concen: 40.88 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:198 Resp: 142384
Ion Ratio Lower Upper
198 100
51 101.3 38.3 78.3#
105 74.4 29.2 69.2#





#65

n-Nitrosodiphenylamine

Concen: 49.31 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

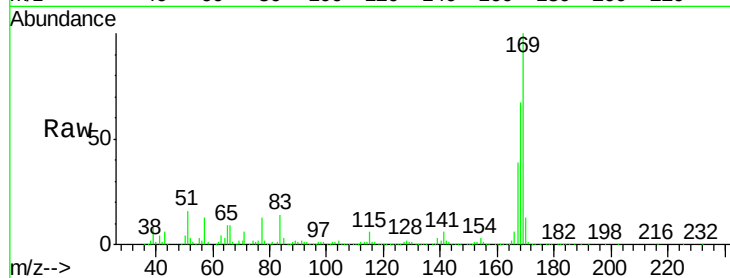
Tgt Ion:169 Resp: 898812

Ion Ratio Lower Upper

169 100

168 67.0 54.8 82.2

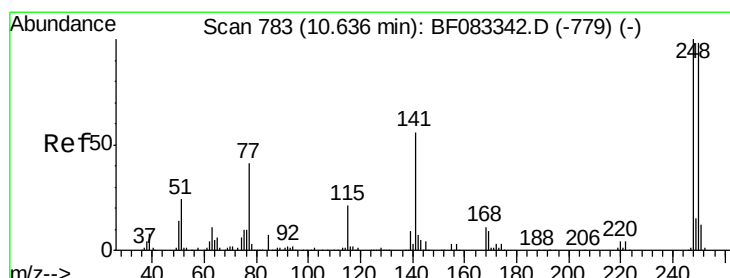
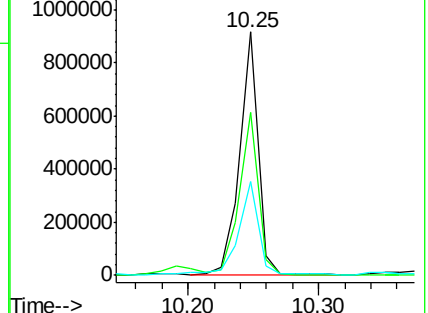
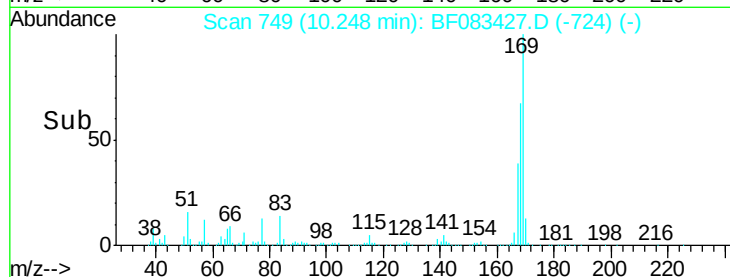
167 38.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.56 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

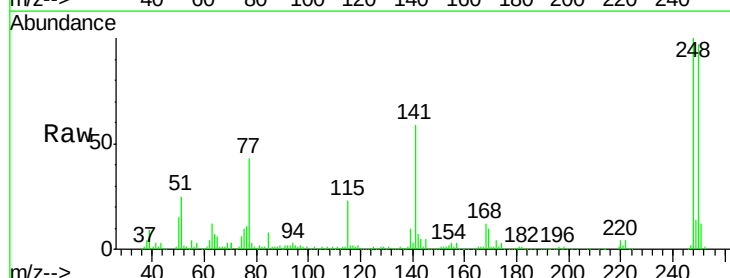
Tgt Ion:248 Resp: 281224

Ion Ratio Lower Upper

248 100

250 96.8 78.6 118.0

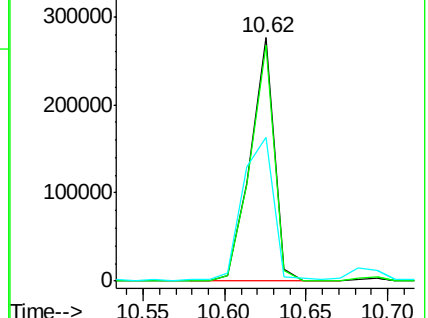
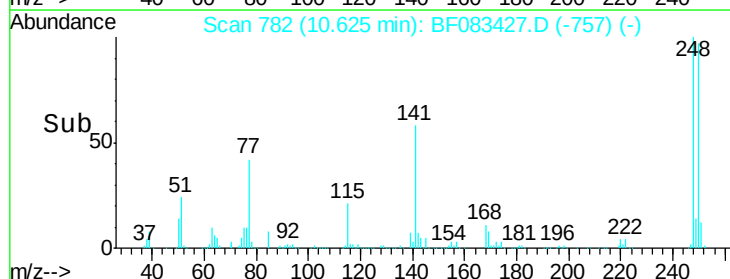
141 58.8 44.4 66.6

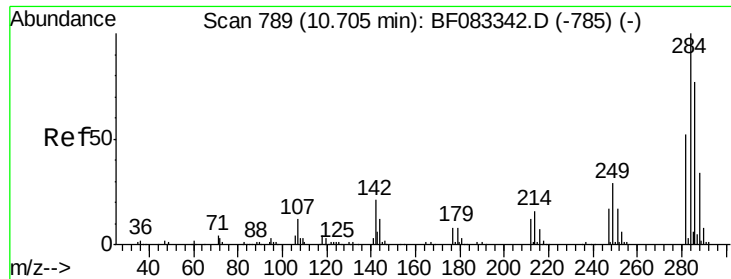


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

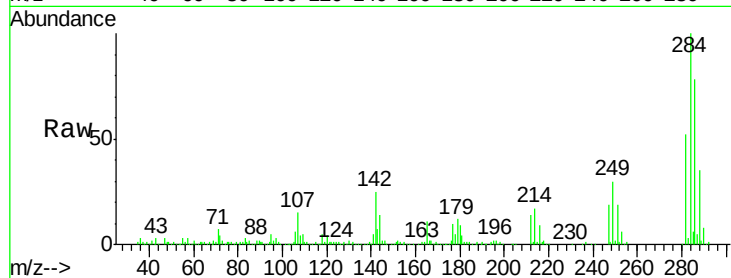




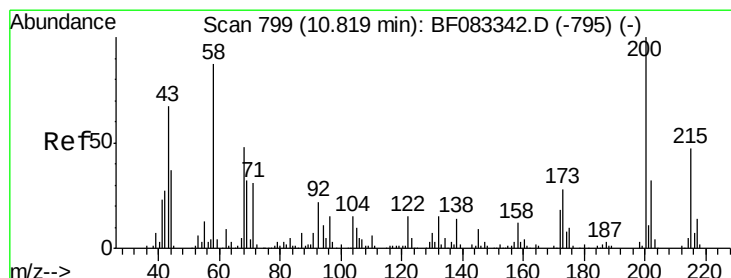
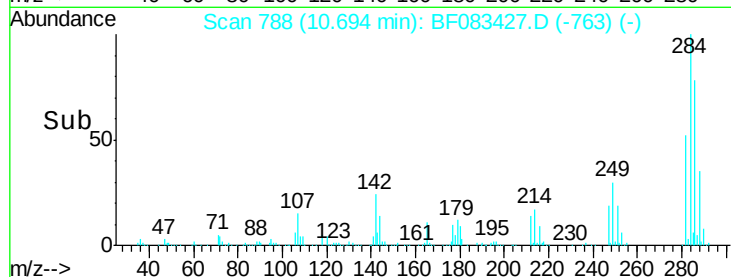
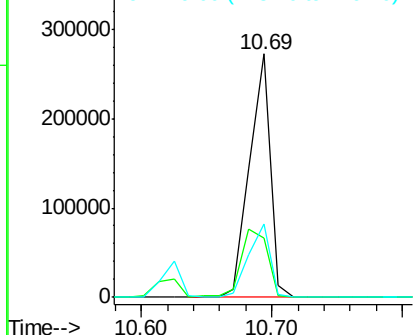
#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

Tgt Ion:284 Resp: 302470
Ion Ratio Lower Upper
284 100
142 24.6 16.6 24.8
249 30.0 23.0 34.4

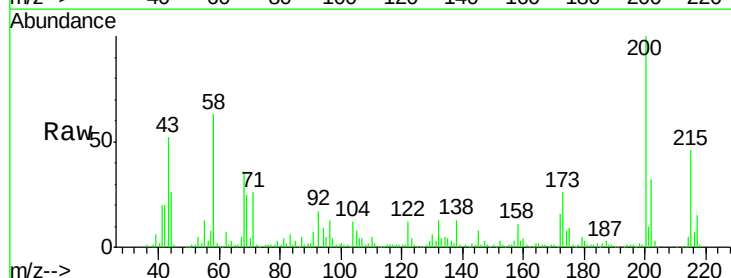


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

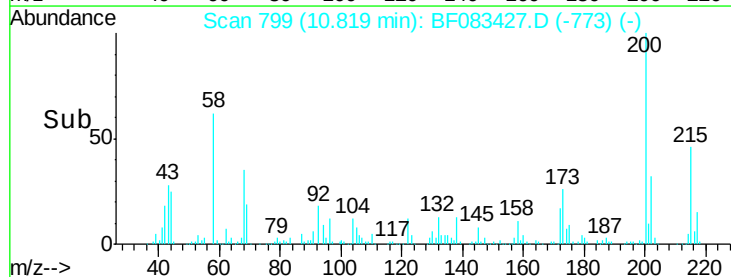
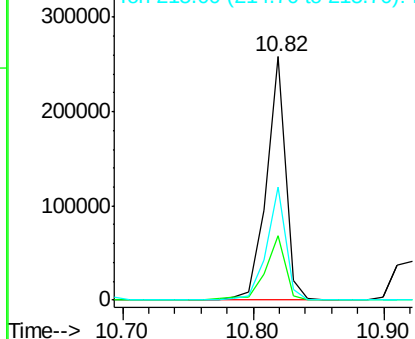


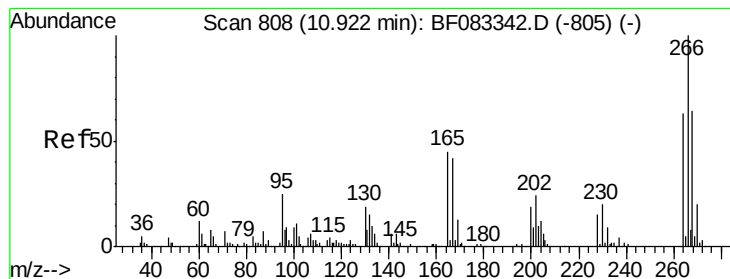
#68
Atrazine
Concen: 52.97 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:200 Resp: 267048
Ion Ratio Lower Upper
200 100
173 26.2 8.3 48.3
215 46.2 26.7 66.7



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: 98.12 ng

RT: 10.92 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

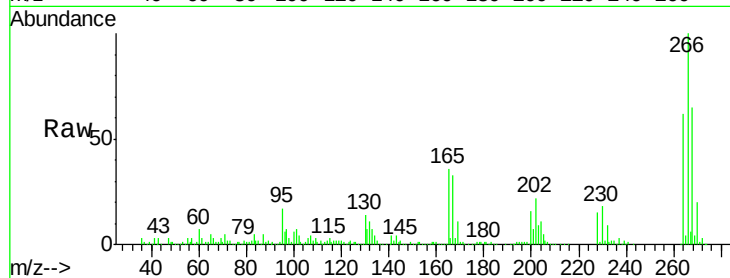
Tgt Ion:266 Resp: 322486

Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

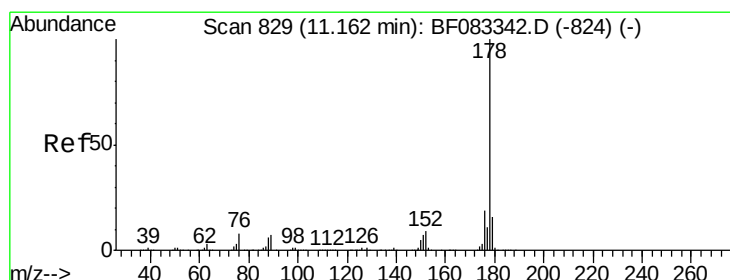
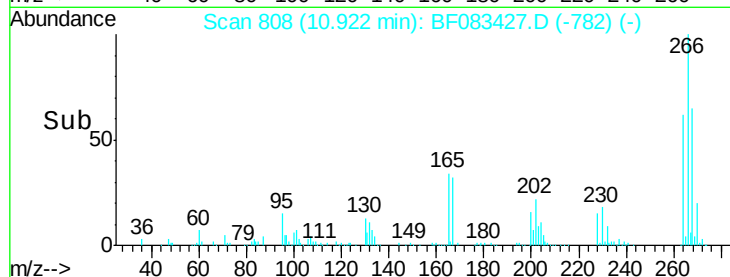
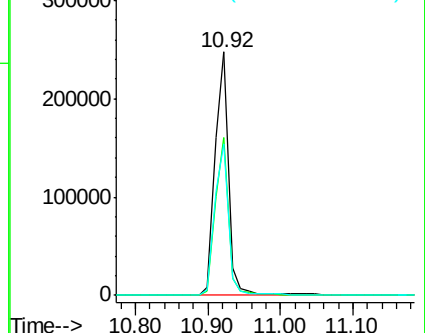
264 62.0 50.4 75.6



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: 128.10 ng

RT: 11.15 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

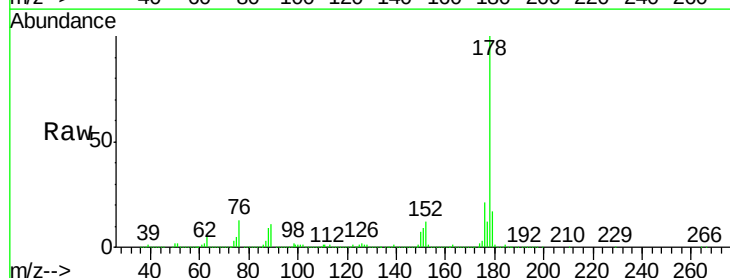
Tgt Ion:178 Resp: 3932453

Ion Ratio Lower Upper

178 100

176 21.2 15.3 22.9

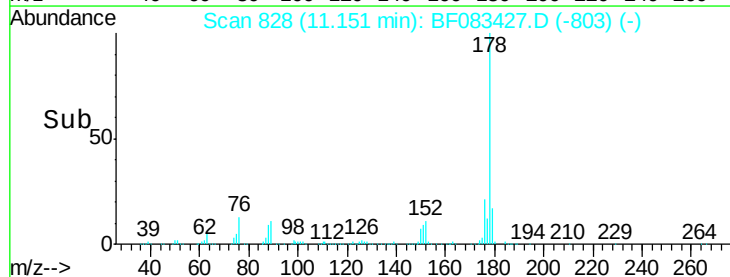
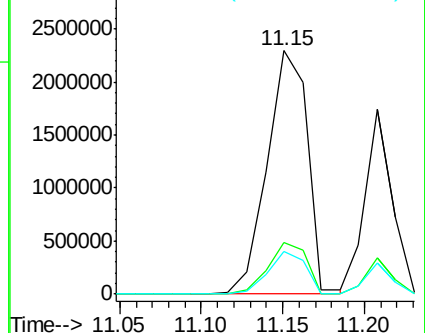
179 17.5 12.4 18.6

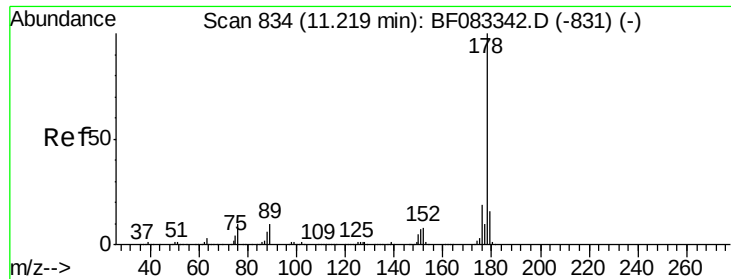


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 66.39 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

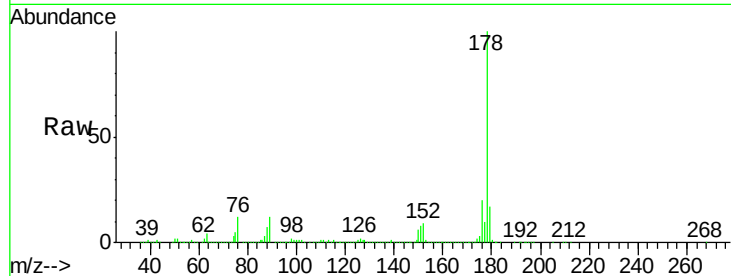
Tgt Ion:178 Resp: 2051703

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

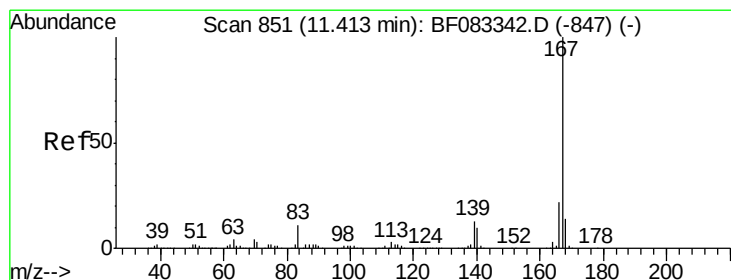
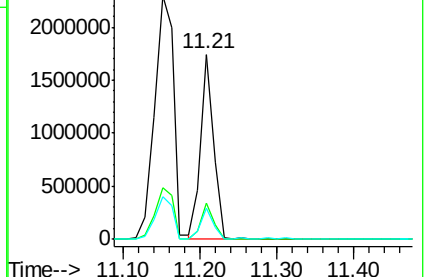
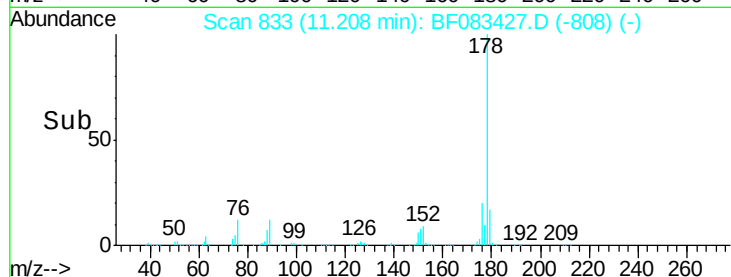
179 16.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.05 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

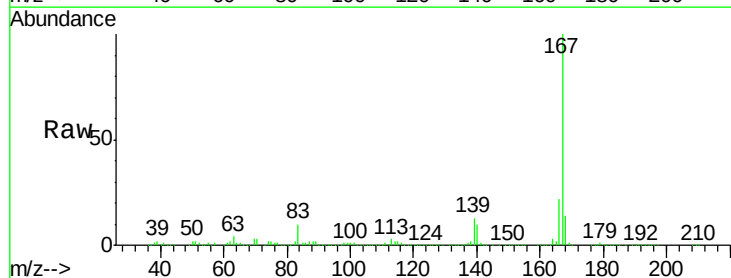
Tgt Ion:167 Resp: 1306360

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

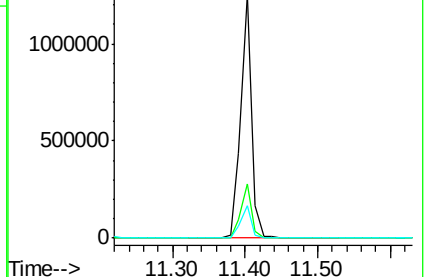
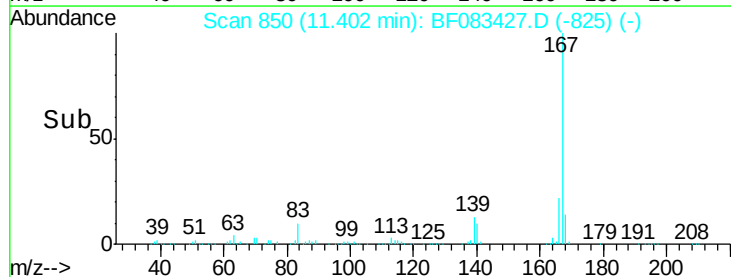
139 13.3 10.5 15.7

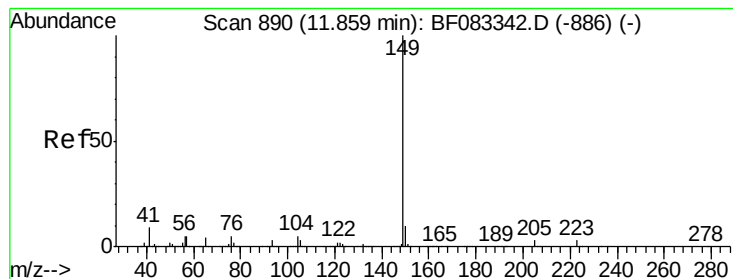


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.97 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

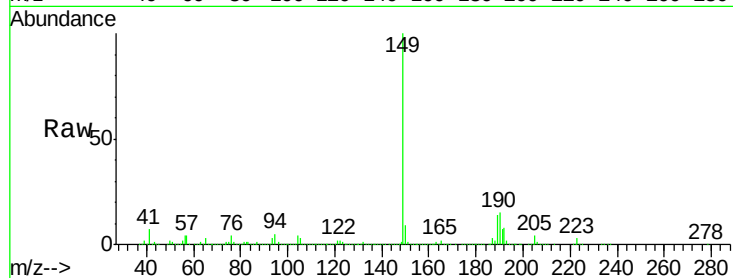
Tgt Ion:149 Resp: 1611504

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

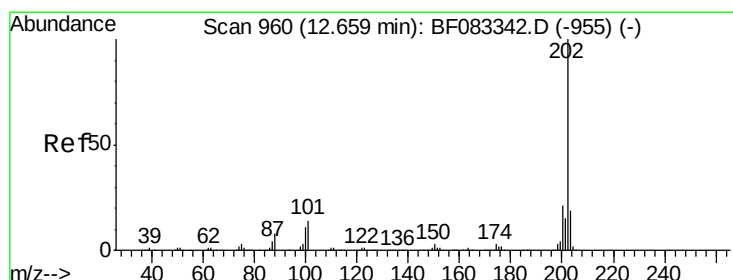
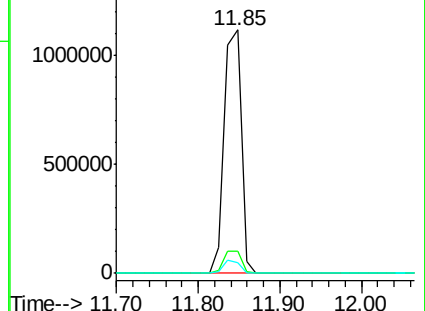
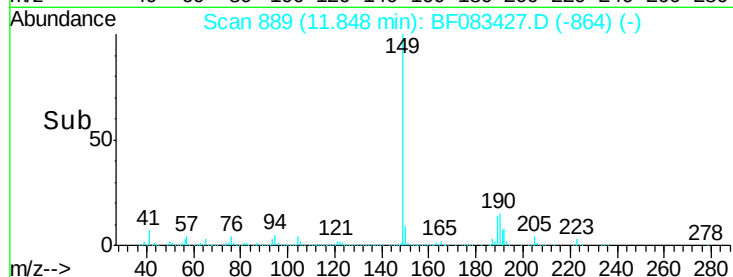
104 4.4 4.0 6.0



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: 82.08 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

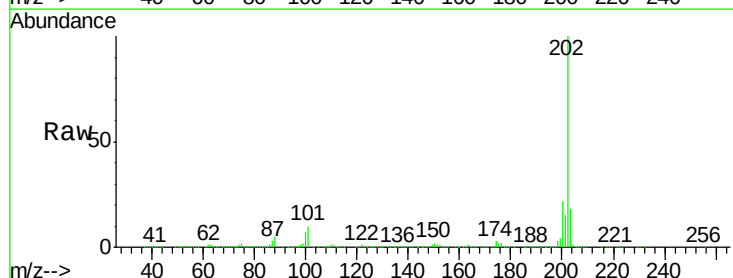
Tgt Ion:202 Resp: 2611766

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.5

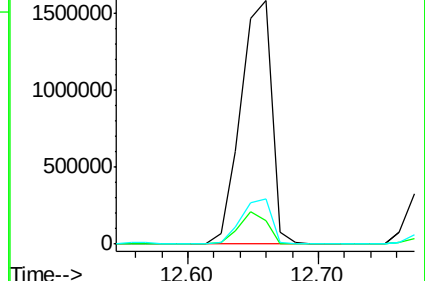
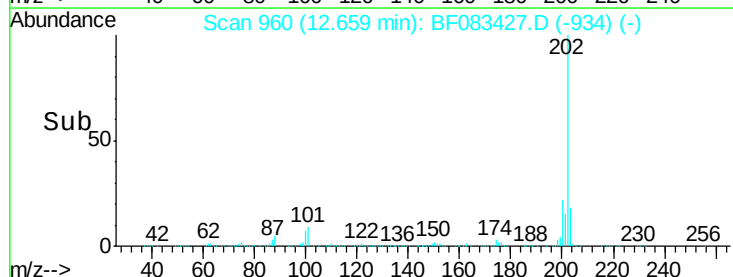
203 18.4 0.0 38.7

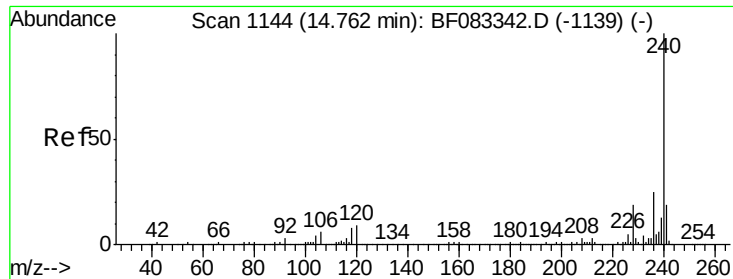


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

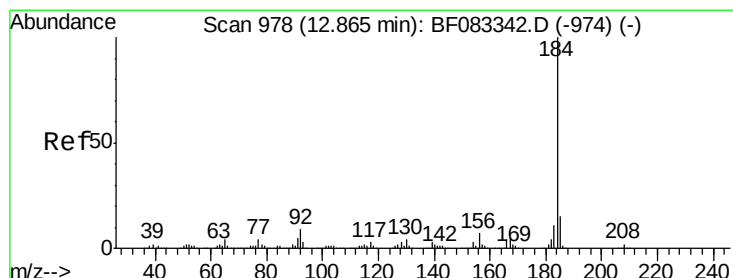
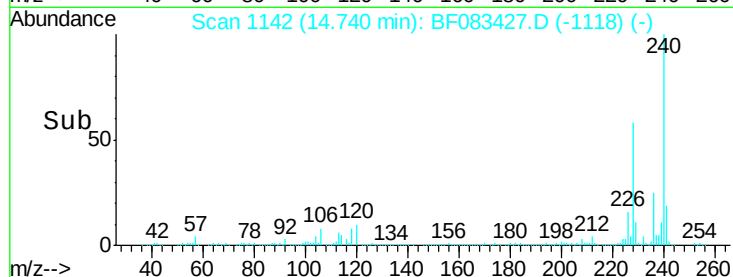
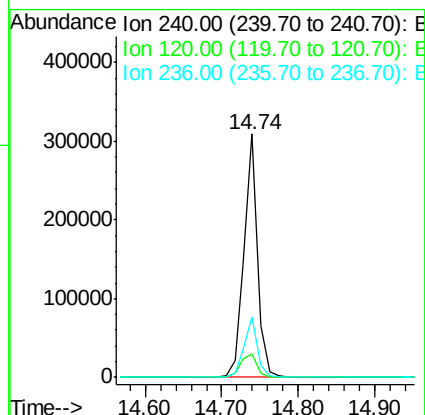
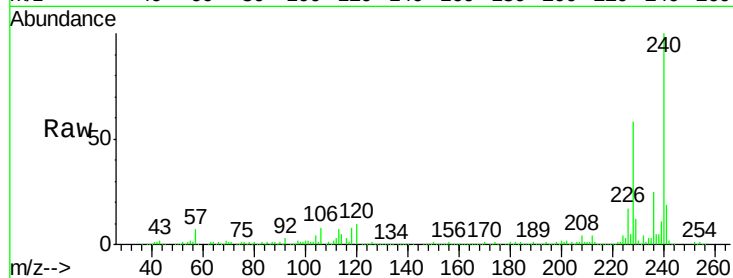




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

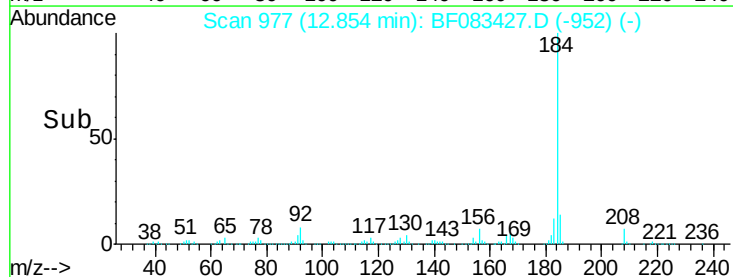
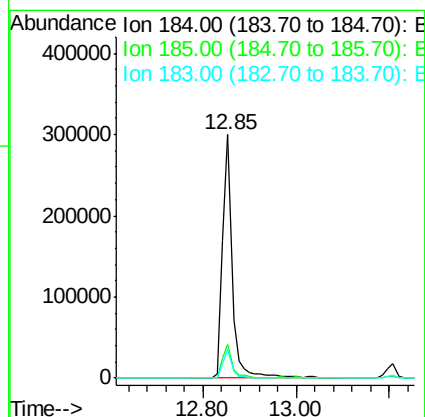
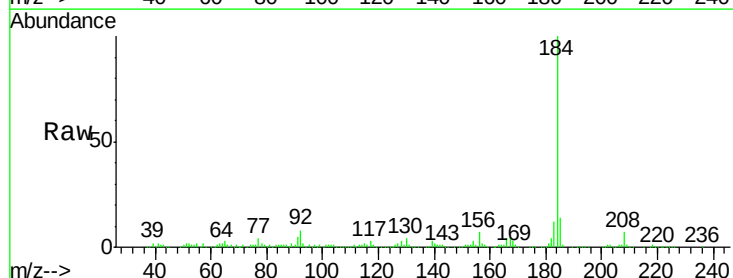
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

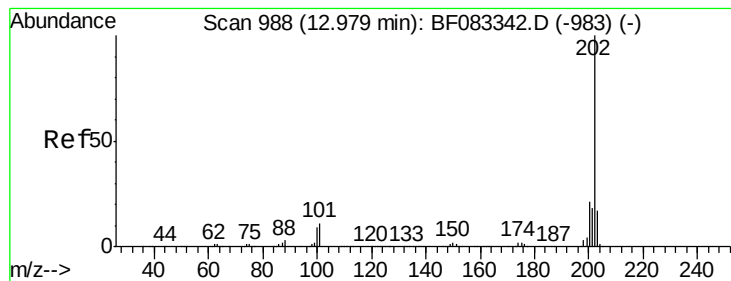
Tgt Ion:240 Resp: 379972
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 24.7 19.8 29.6



#76
Benzidine
Concen: 37.87 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:184 Resp: 428630
Ion Ratio Lower Upper
184 100
185 13.7 12.4 18.6
183 11.6 9.0 13.4





#77

Pyrene

Concen: 108.44 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

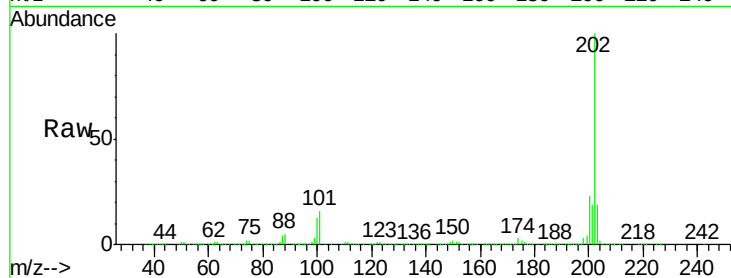
Tgt Ion:202 Resp: 2877712

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

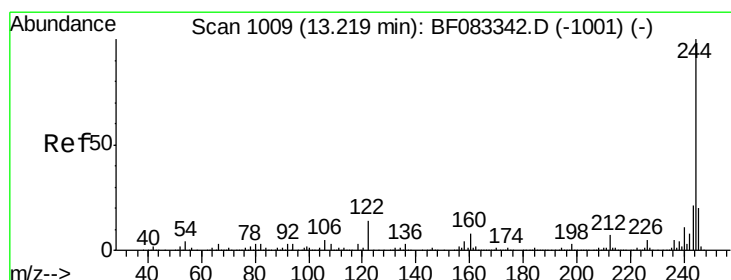
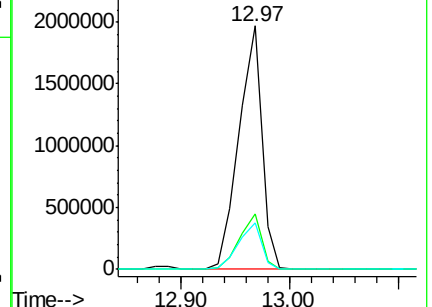
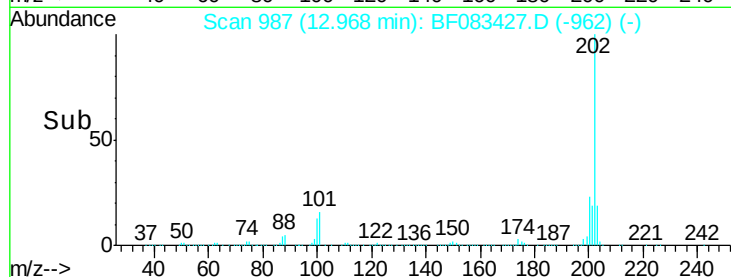
203 18.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 109.60 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

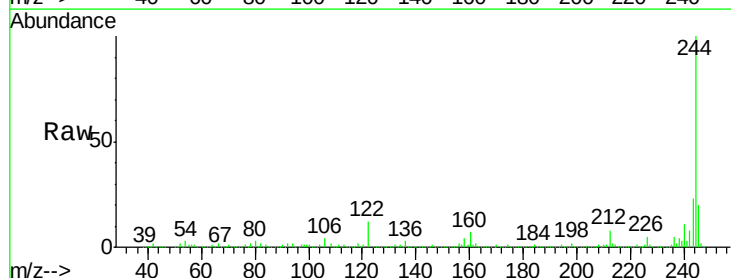
Tgt Ion:244 Resp: 1746283

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

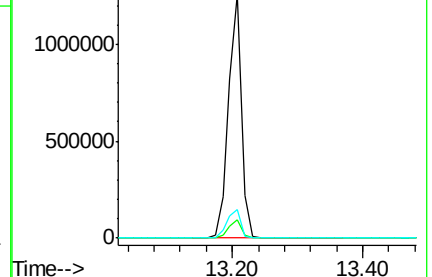
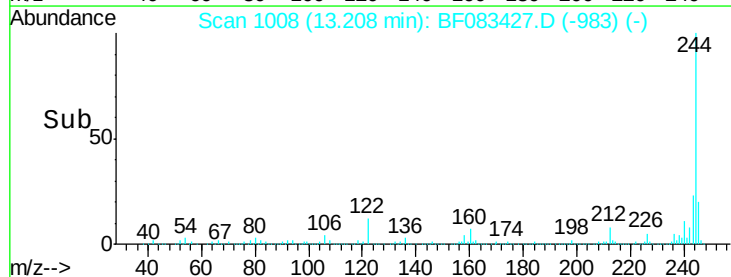
122 12.0 11.0 16.4

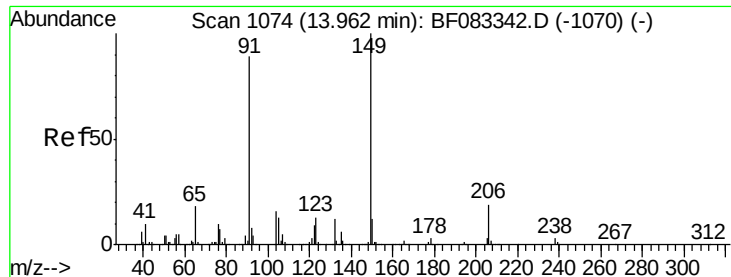


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

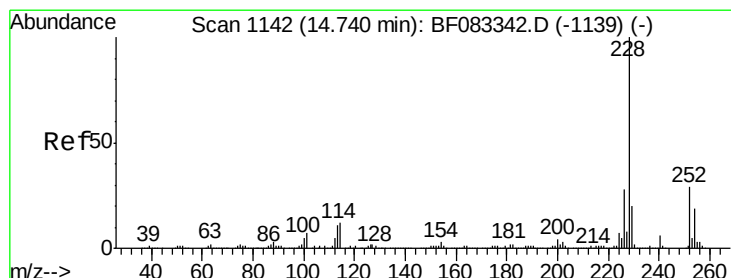
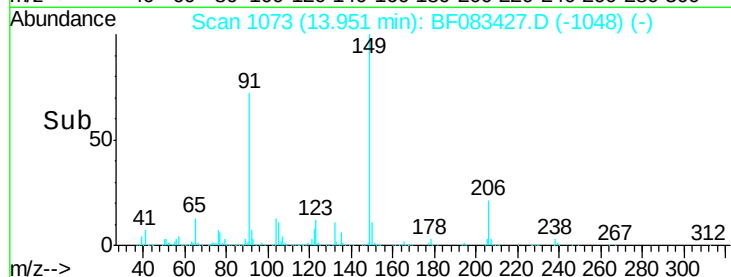
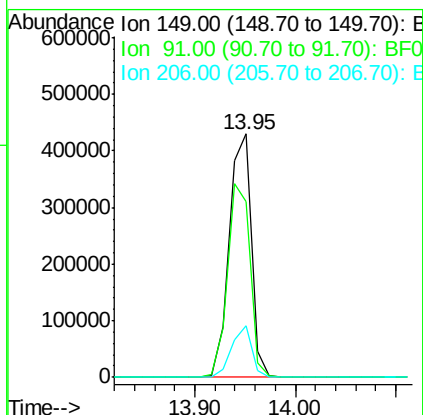
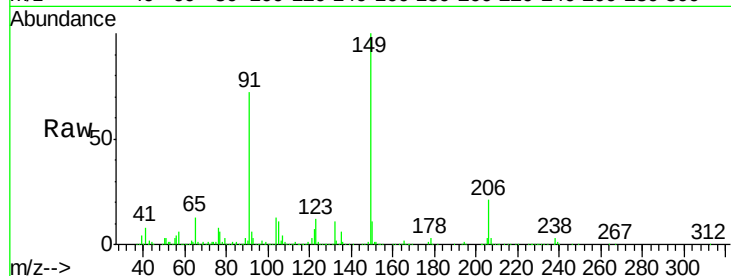




#79
Butylbenzylphthalate
Concen: 58.26 ng
RT: 13.95 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

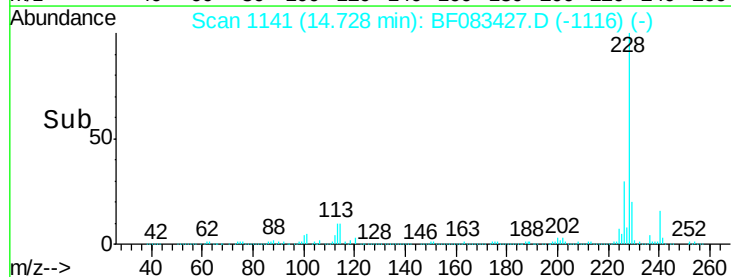
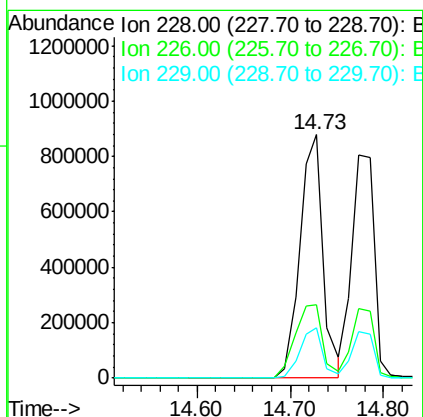
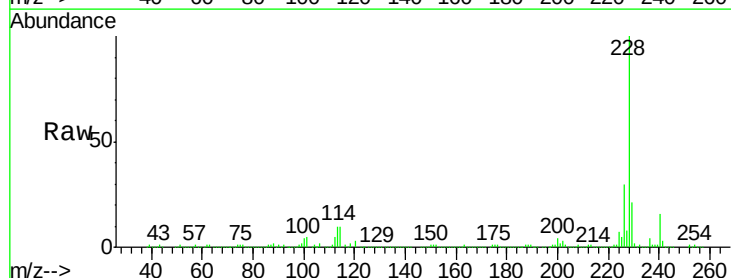
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)MSD

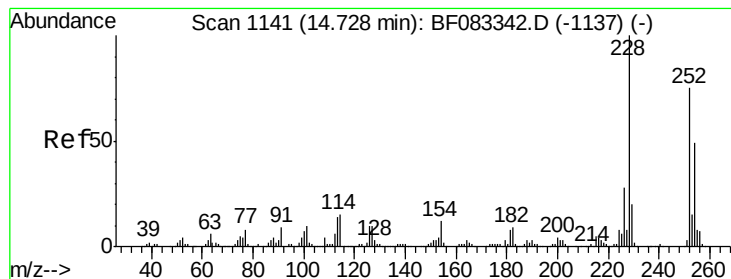
Tgt Ion:149 Resp: 655879
Ion Ratio Lower Upper
149 100
91 72.0 71.4 107.2
206 21.1 15.1 22.7



#80
Benzo(a)anthracene
Concen: 65.93 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF083427.D
Acq: 2 Dec 2015 19:47

Tgt Ion:228 Resp: 1534689
Ion Ratio Lower Upper
228 100
226 29.9 22.2 33.4
229 20.5 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 35.94 ng

RT: 14.71 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

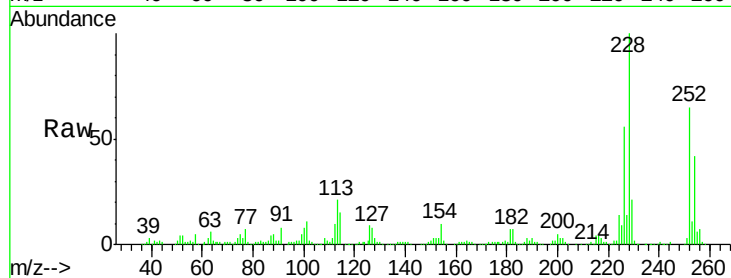
Tgt Ion:252 Resp: 261348

Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

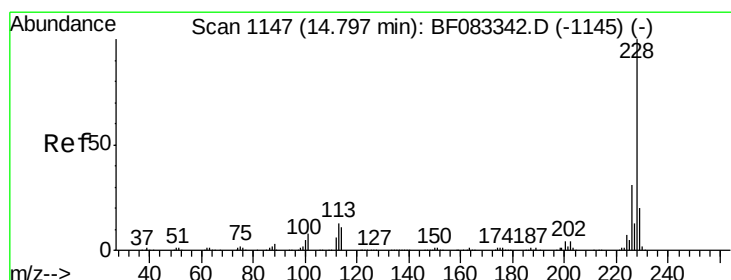
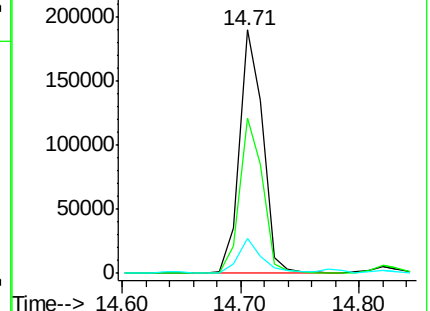
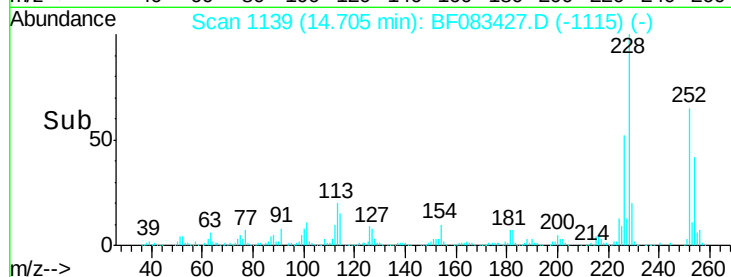
126 14.1 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 60.02 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

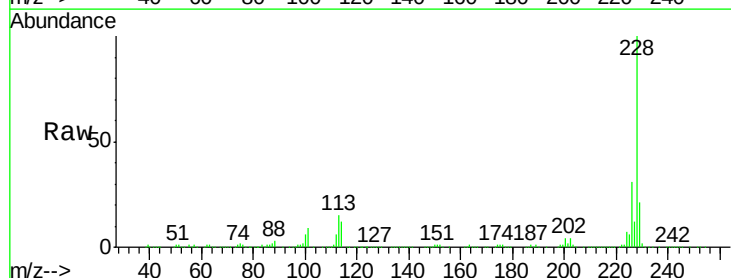
Tgt Ion:228 Resp: 1349889

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

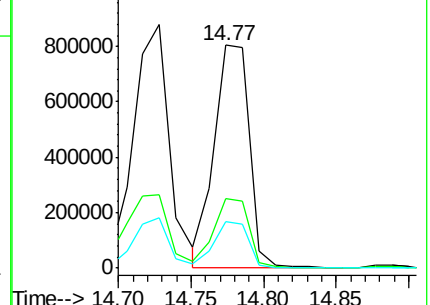
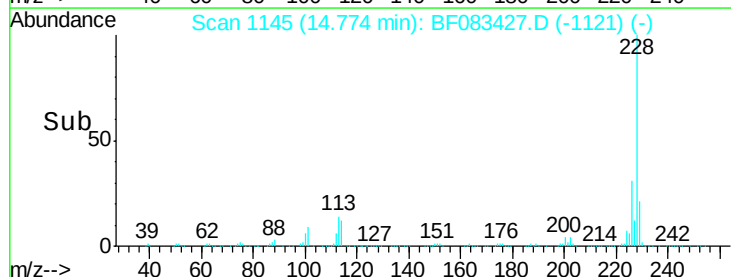
229 20.9 16.2 24.2

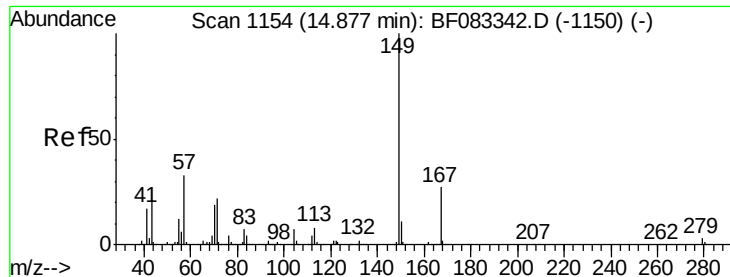


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

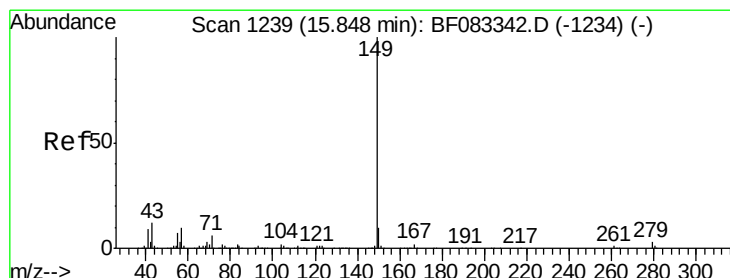
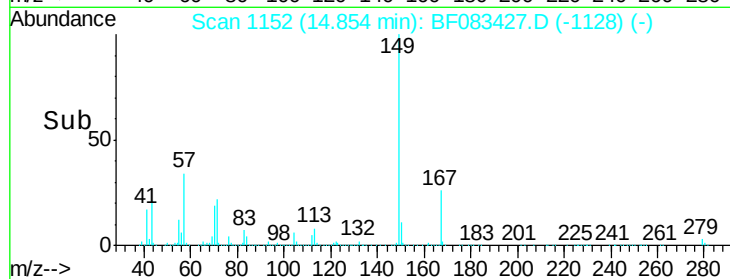
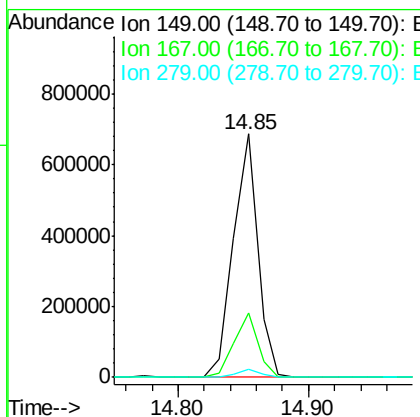
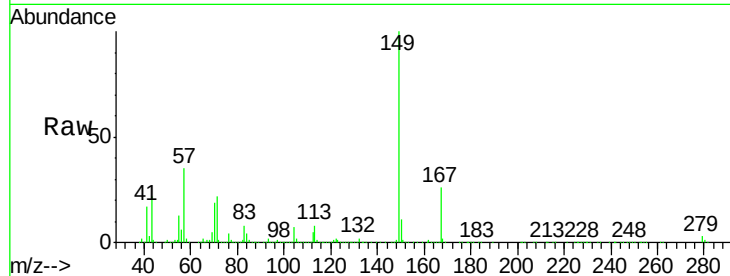




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.45 ng
 RT: 14.85 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

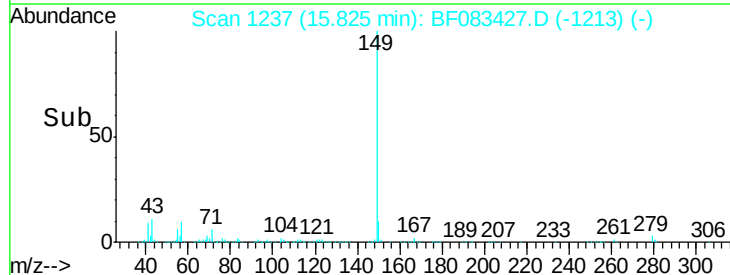
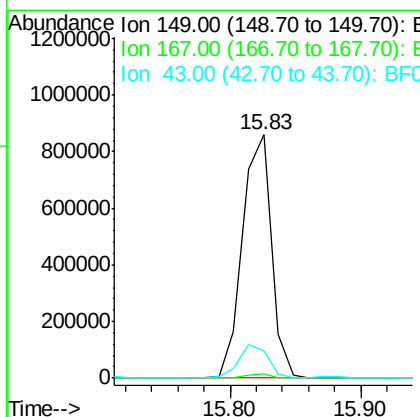
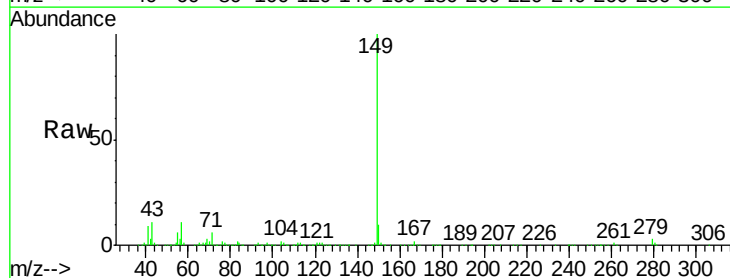
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

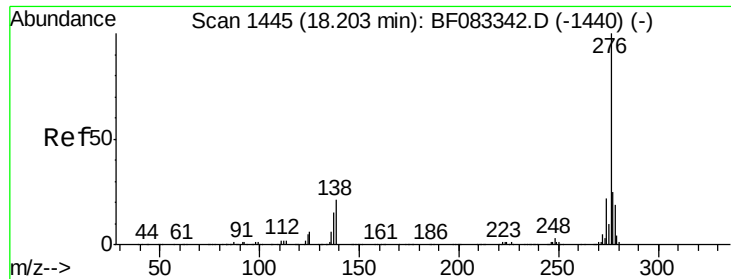
Tgt Ion:149 Resp: 897755
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.5 32.3
 279 3.1 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 59.14 ng
 RT: 15.83 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:149 Resp: 1329753
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.6 11.0 16.6

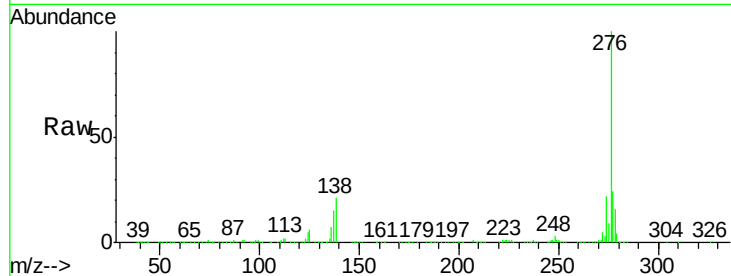




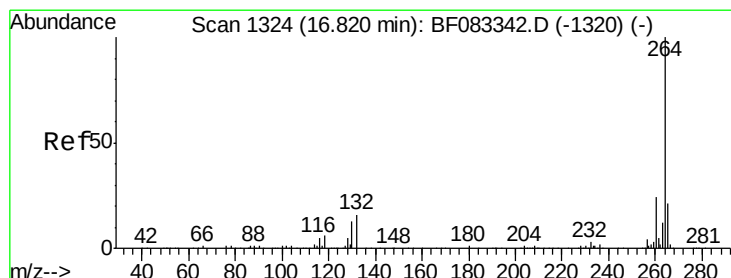
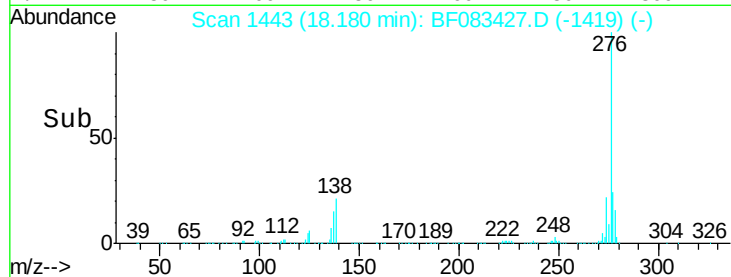
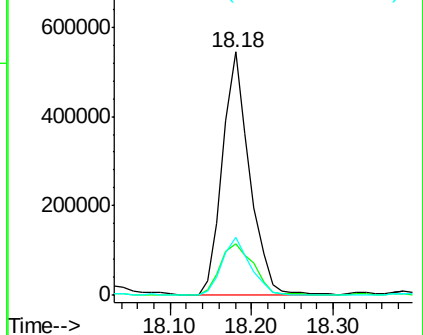
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 76.23 ng
 RT: 18.18 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion:276 Resp: 1248695
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.2 31.8
 277 24.5 20.0 30.0

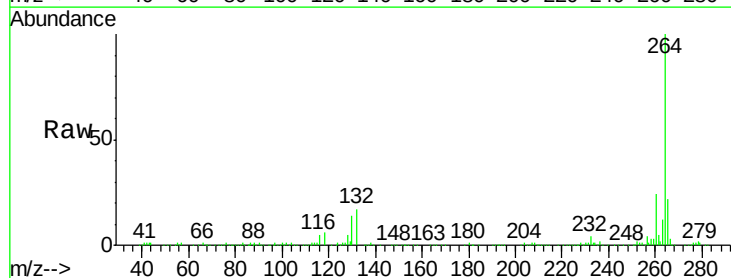


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

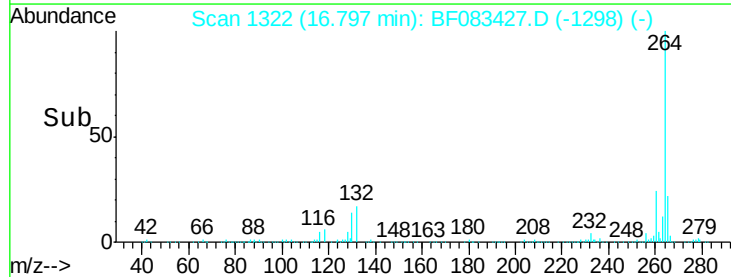
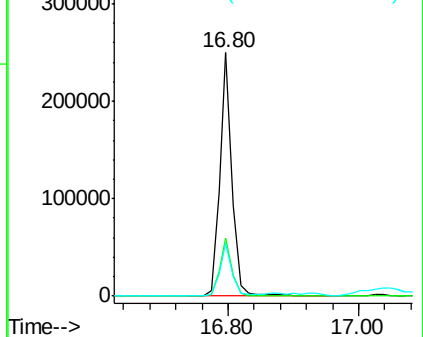


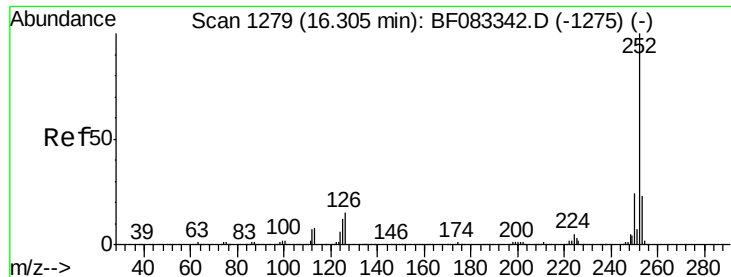
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Tgt Ion:264 Resp: 330077
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.8 16.8 25.2



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





#87

Benzo(b)fluoranthene

Concen: 57.38 ng

RT: 16.29 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

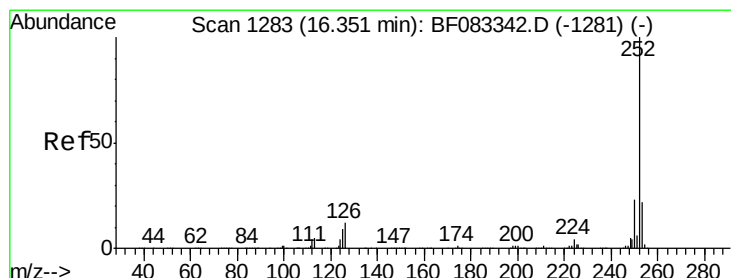
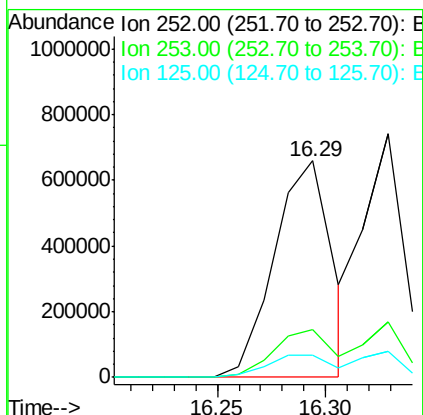
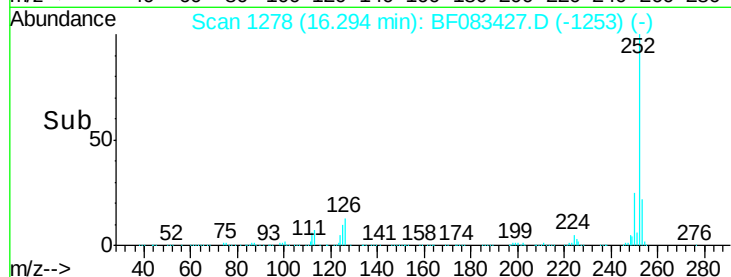
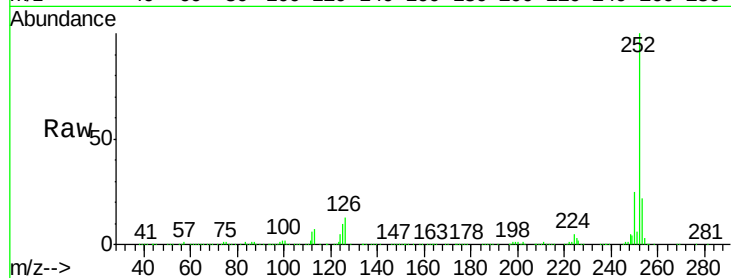
Tgt Ion:252 Resp: 1215318

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 10.3 9.6 14.4



#88

Benzo(k)fluoranthene

Concen: 60.77 ng

RT: 16.29 min Scan# 1278

Delta R.T. -0.06 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

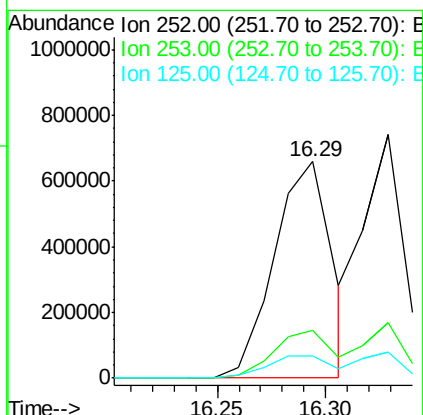
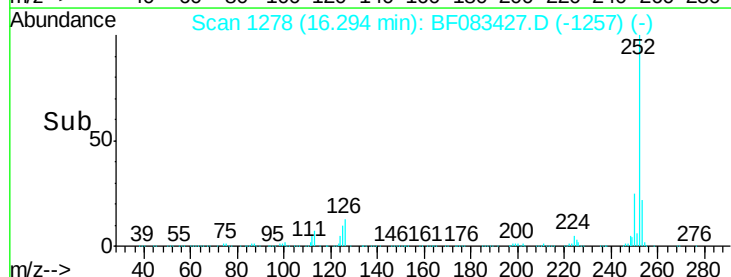
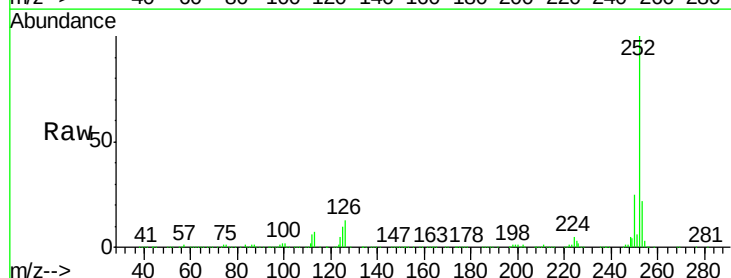
Tgt Ion:252 Resp: 1215318

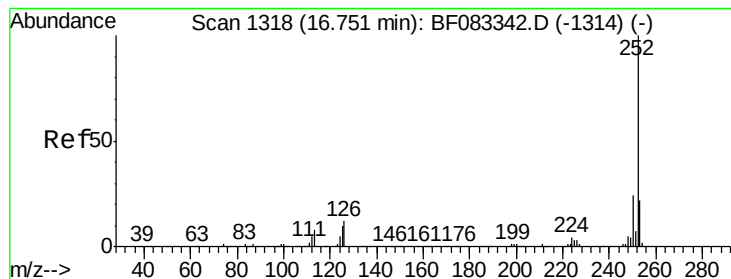
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.3 7.5 11.3





#89

Benzo(a)pyrene

Concen: 67.87 ng

RT: 16.73 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-10(6-11)MSD

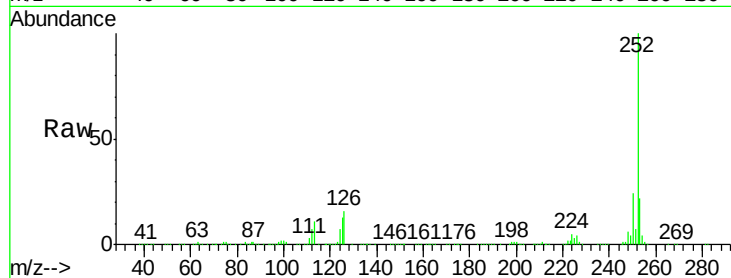
Tgt Ion:252 Resp: 1234631

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

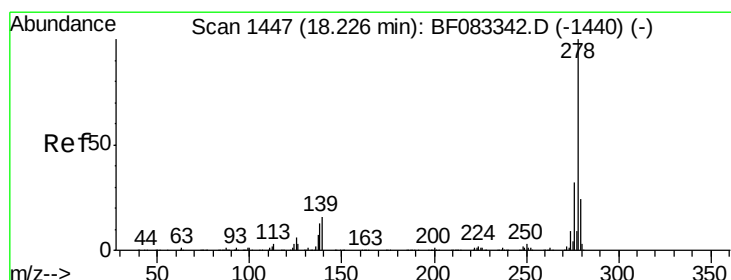
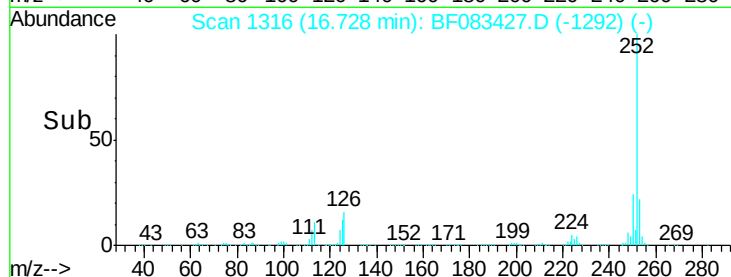
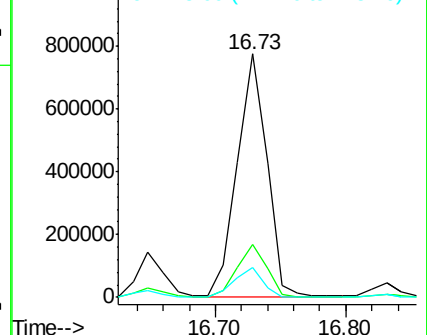
125 12.5 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 59.12 ng

RT: 18.20 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF083427.D

Acq: 2 Dec 2015 19:47

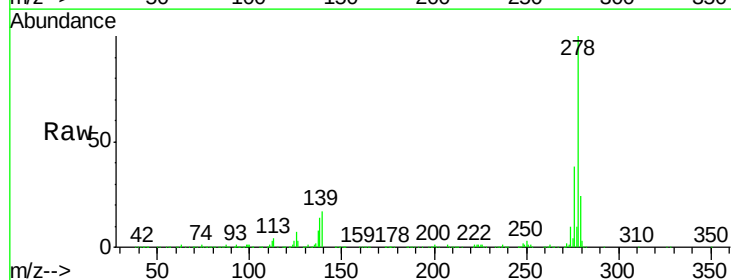
Tgt Ion:278 Resp: 937070

Ion Ratio Lower Upper

278 100

139 16.7 13.1 19.7

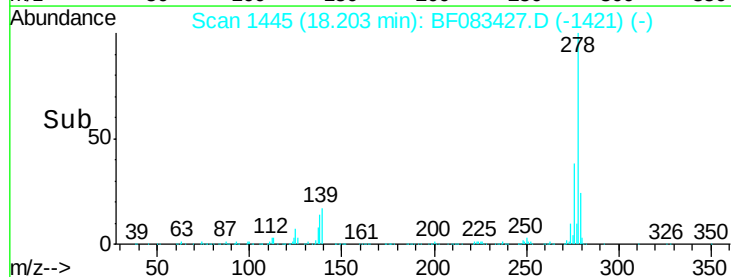
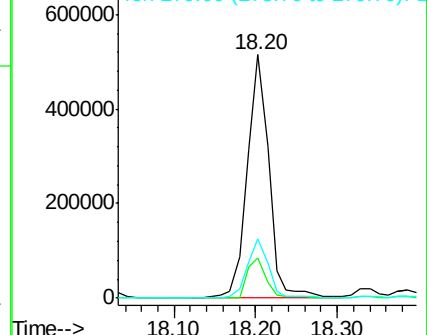
279 24.3 19.2 28.8

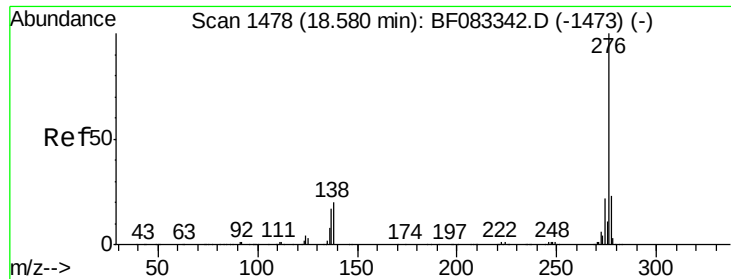


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

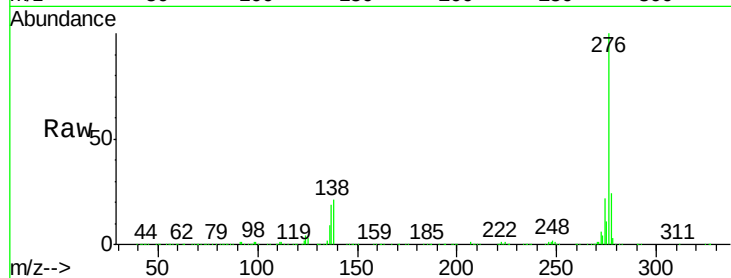




#91
 Benzo(g,h,i)perylene
 Concen: 70.51 ng
 RT: 18.56 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF083427.D
 Acq: 2 Dec 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)MSD

Tgt Ion: 276 Resp: 1096944
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 28.0
 138 21.4 16.1 24.1



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

