

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083728.D
 Acq On : 13 Dec 2015 14:46
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:00:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150784	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	586186	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	271375	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	503057	20.00	ng	0.00
75) Chrysene-d12	14.07	240	355860	20.00	ng	0.00
86) Perylene-d12	15.49	264	283350	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	487099	50.31	ng	0.00
7) Phenol-d6	6.54	99	627590	51.62	ng	0.00
23) Nitrobenzene-d5	7.48	82	556997	62.79	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	150199	58.13	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	926228	49.85	ng	0.00
78) Terphenyl-d14	13.01	244	814956	51.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	111135	23.24	ng	98
3) Pyridine	3.29	79	287811	23.27	ng	96
4) n-Nitrosodimethylamine	3.23	42	109917	22.09	ng	96
6) Aniline	6.58	93	419741	25.30	ng	97
8) 2-Chlorophenol	6.70	128	282862	25.97	ng	96
9) Benzaldehyde	6.46	77	171837	25.71	ng	95
10) Phenol	6.56	94	367863	25.77	ng	91
11) bis(2-Chloroethyl)ether	6.65	93	251473	24.91	ng	97
12) 1,3-Dichlorobenzene	6.86	146	292087	24.46	ng	98
13) 1,4-Dichlorobenzene	6.93	146	294794	24.87	ng	99
14) 1,2-Dichlorobenzene	7.09	146	281677	25.37	ng	98
15) Benzyl Alcohol	7.06	79	216560	24.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	320278	22.72	ng	99
17) 2-Methylphenol	7.16	107	218132	24.94	ng	94
18) Hexachloroethane	7.44	117	109239	26.89	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	187369	26.84	ng	# 92
20) 3+4-Methylphenols	7.32	107	282267	26.76	ng	# 88
22) Acetophenone	7.32	105	343210	24.04	ng	# 83
24) Nitrobenzene	7.49	77	263147	26.95	ng	98
25) Isophorone	7.73	82	500894	25.41	ng	# 93
26) 2-Nitrophenol	7.81	139	133059	32.06	ng	95
27) 2,4-Dimethylphenol	7.85	122	248677	25.37	ng	92
28) bis(2-Chloroethoxy)methane	7.95	93	319166	28.90	ng	99
29) 2,4-Dichlorophenol	8.05	162	212911	26.60	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	226429	25.70	ng	99
31) Naphthalene	8.22	128	810935	27.90	ng	100
32) Benzoic acid	7.94	122	150108	27.14	ng	98
33) 4-Chloroaniline	8.27	127	341637	27.55	ng	96
34) Hexachlorobutadiene	8.35	225	122796	24.94	ng	100
35) Caprolactam	8.62	113	69974	26.76	ng	98
36) 4-Chloro-3-methylphenol	8.74	107	236790	26.04	ng	87
37) 2-Methylnaphthalene	8.91	142	478553	25.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	214862	25.92	ng	99
40) Hexachlorocyclopentadiene	9.07	237	102598	25.32	ng	95

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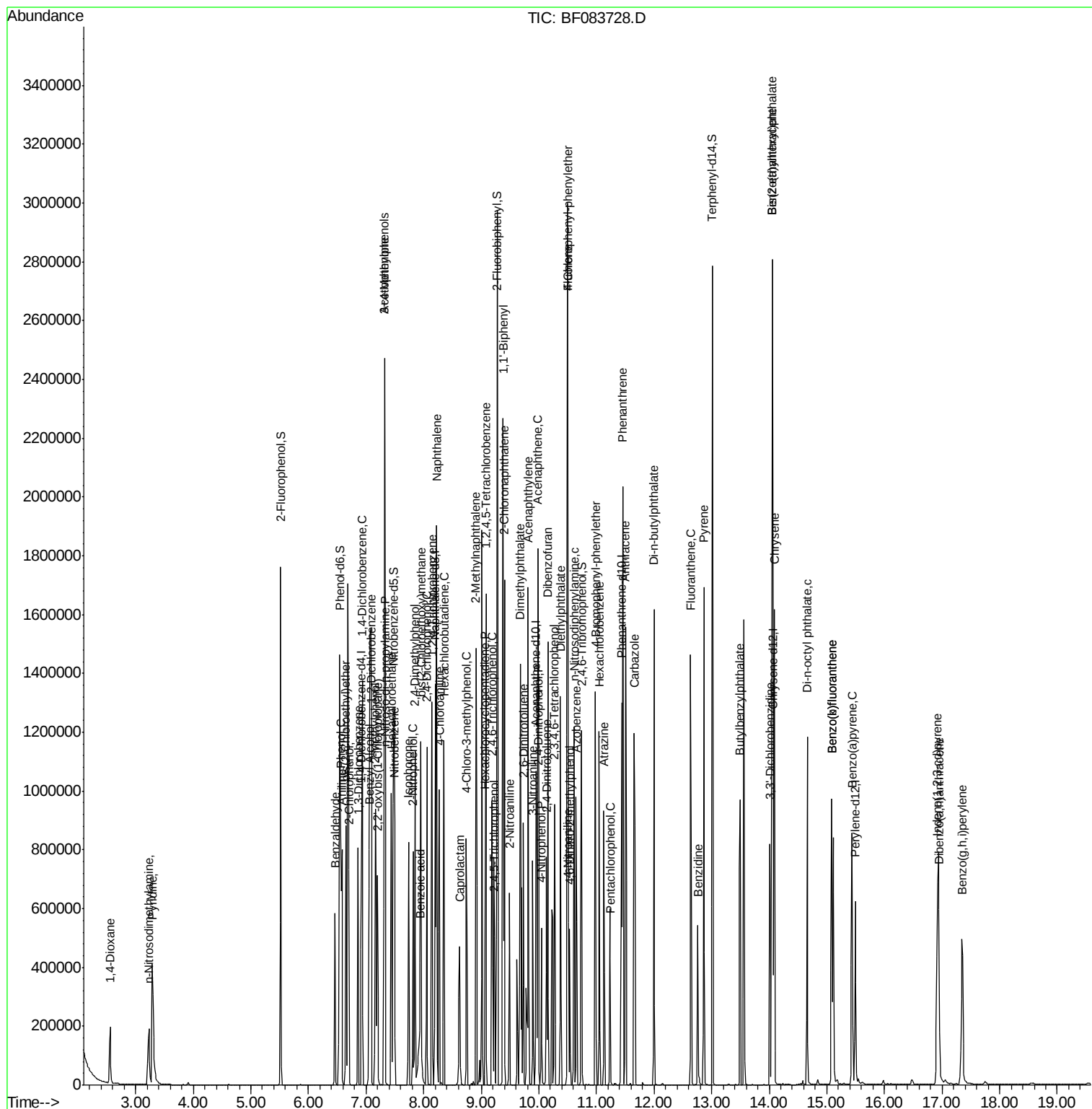
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	144192	25.04	nq	97
43) 2,4,5-Trichlorophenol	9.23	196	144625	25.35	nq	95
45) 1,1'-Biphenyl	9.38	154	667809	28.44	nq	98
46) 2-Chloronaphthalene	9.40	162	476406	26.99	nq	98
47) 2-Nitroaniline	9.49	65	134187	28.58	nq	# 77
48) Acenaphthylene	9.81	152	733498	24.85	nq	99
49) Dimethylphthalate	9.68	163	565188	27.34	nq	99
50) 2,6-Dinitrotoluene	9.73	165	126757	31.10	nq	# 83
51) Acenaphthene	9.98	154	446773	25.29	nq	94
52) 3-Nitroaniline	9.89	138	118980	24.73	nq	# 73
53) 2,4-Dinitrophenol	10.00	184	36550	32.95	nq	# 1
54) Dibenzofuran	10.16	168	589712	25.33	nq	97
55) 4-Nitrophenol	10.04	139	90536	22.62	nq	# 72
56) 2,4-Dinitrotoluene	10.13	165	169660	32.49	nq	# 79
57) Fluorene	10.50	166	477076	26.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	103407	25.08	nq	97
59) Diethylphthalate	10.37	149	535173	26.93	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	225392	25.42	nq	97
61) 4-Nitroaniline	10.51	138	115098	26.67	nq	82
62) Azobenzene	10.65	77	452073	23.69	nq	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	62799	33.73	nq	# 46
65) n-Nitrosodiphenylamine	10.61	169	452832	26.54	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	137126	25.24	nq	93
67) Hexachlorobenzene	11.05	284	147652	25.01	nq	# 65
68) Atrazine	11.13	200	124527	25.22	nq	94
69) Pentachlorophenol	11.24	266	84964	25.51	nq	98
70) Phenanthrene	11.46	178	719328	26.51	nq	100
71) Anthracene	11.50	178	681568	23.72	nq	99
72) Carbazole	11.65	167	661243	24.80	nq	97
73) Di-n-butylphthalate	12.00	149	793239	27.64	nq	100
74) Fluoranthene	12.64	202	696954	23.84	nq	91
76) Benzidine	12.76	184	300460	22.30	nq	99
77) Pyrene	12.87	202	676440	23.87	nq	100
79) Butylbenzylphthalate	13.49	149	311188	32.54	nq	98
80) Benzo(a)anthracene	14.05	228	523223	25.11	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	183687	26.98	nq	# 95
82) Chrysene	14.09	228	524884	26.29	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	365564	35.33	nq	99
84) Di-n-octyl phthalate	14.66	149	564181	35.36	nq	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	494685	26.18	nq	99
87) Benzo(b)fluoranthene	15.08	252	434647	24.32	nq	100
88) Benzo(k)fluoranthene	15.08	252	434647	25.41	nq	# 97
89) Benzo(a)pyrene	15.44	252	414564	25.73	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	408392	25.79	nq	98
91) Benzo(g,h,i)perylene	17.35	276	417353	25.01	nq	95

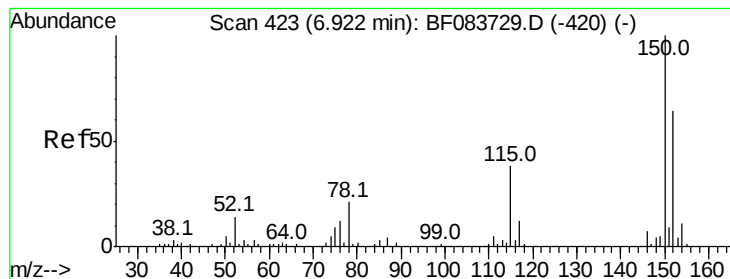
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

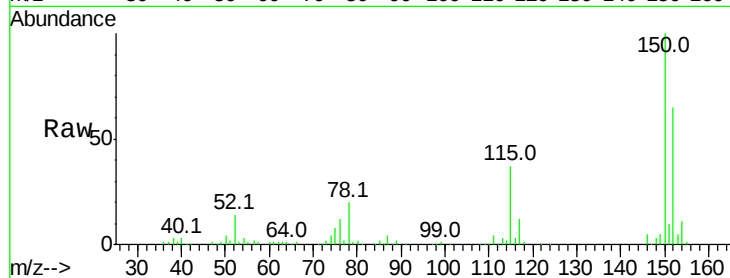
Tot Ion:152 Resp: 150784

Ion Ratio Lower Upper

152 100

150 154.9 124.1 186.1

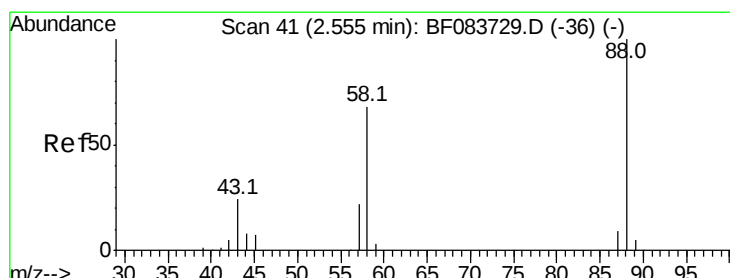
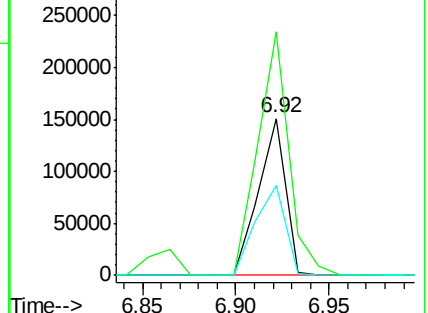
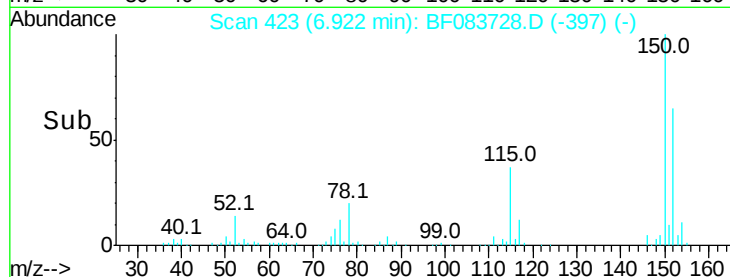
115 57.6 47.2 70.8



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: 23.24 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

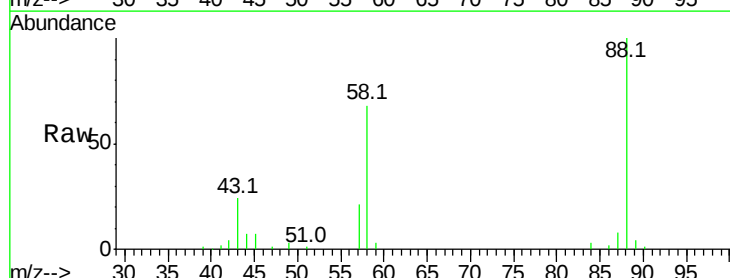
Tgt Ion: 88 Resp: 111135

Ion Ratio Lower Upper

88 100

58 69.1 53.5 80.3

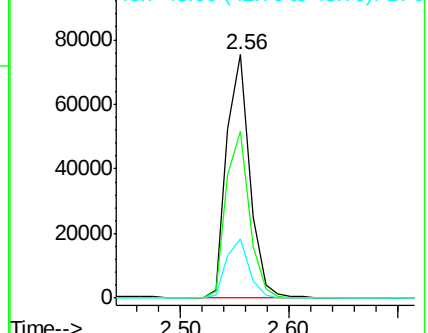
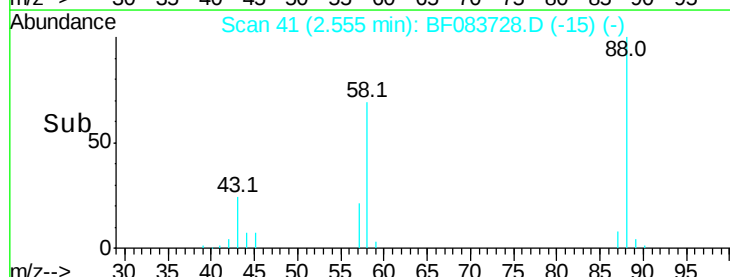
43 23.9 18.7 28.1

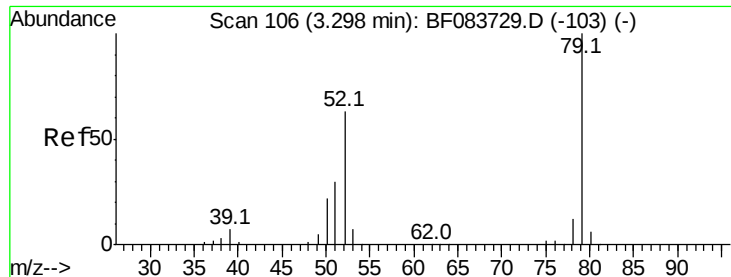


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.27 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampled :

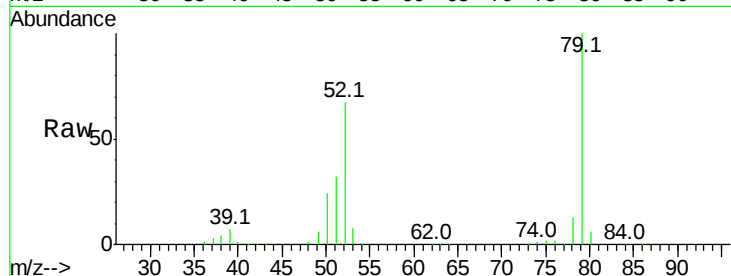
Tot Ion: 79 Resp: 287811

Ion Ratio Lower Upper

79 100

52 67.0 50.2 75.4

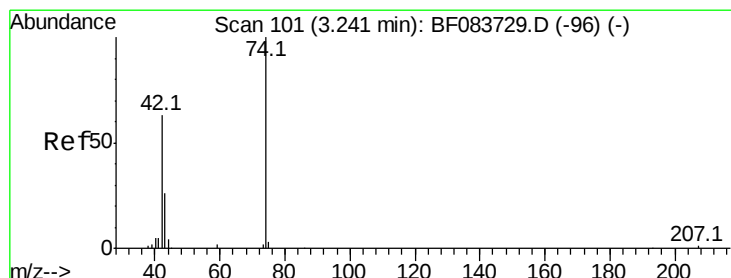
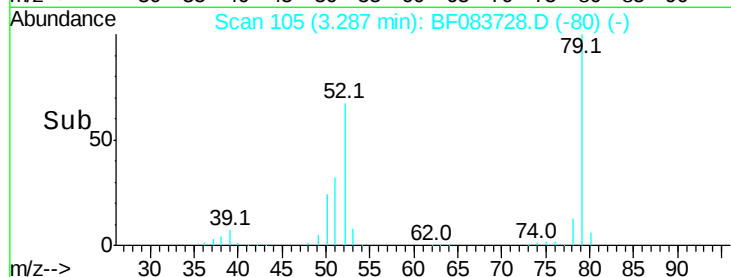
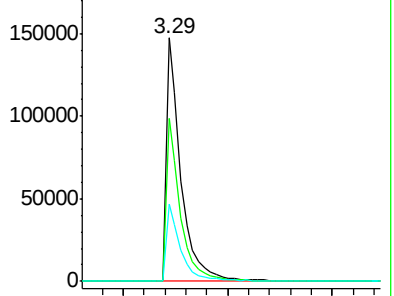
51 31.9 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 22.09 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

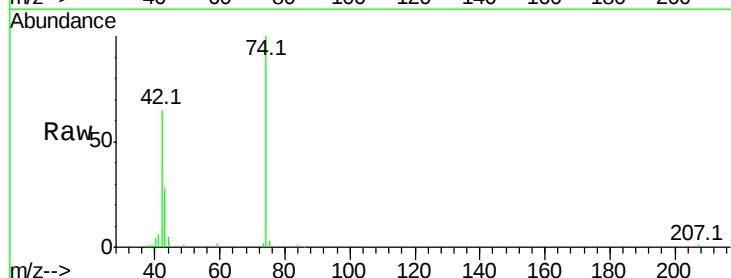
Tgt Ion: 42 Resp: 109917

Ion Ratio Lower Upper

42 100

74 154.3 128.0 192.0

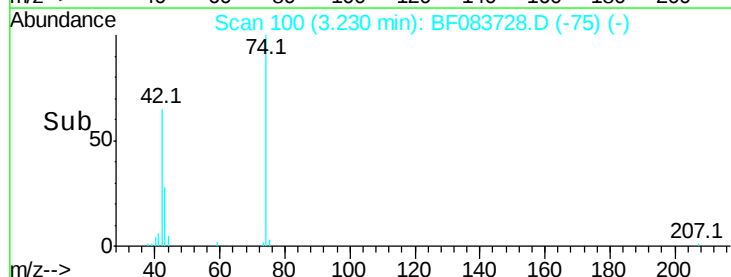
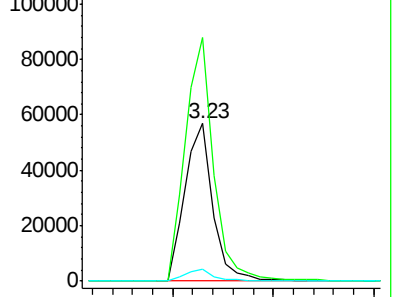
44 7.3 5.4 8.2

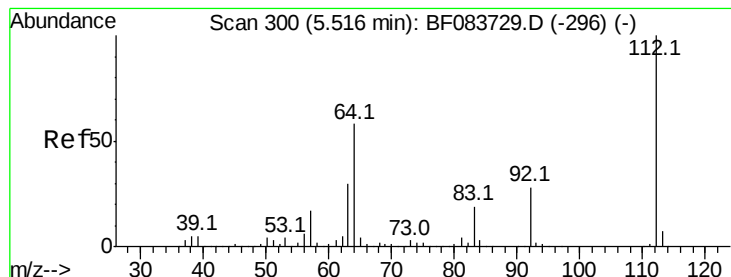


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 50.31 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

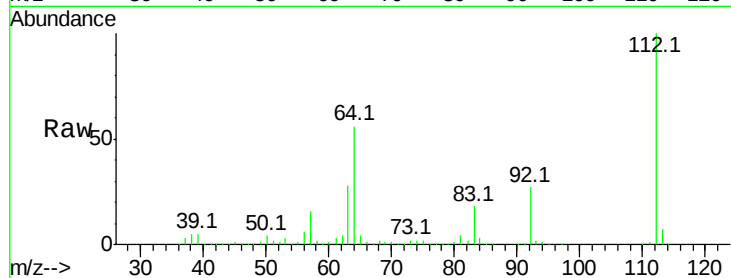
Tot Ion:112 Resp: 487099

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

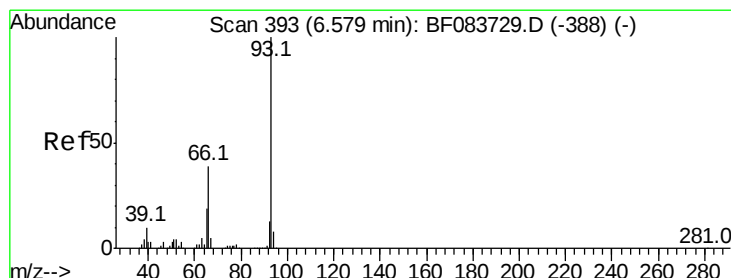
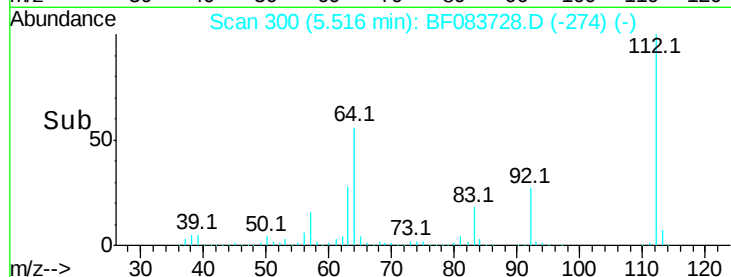
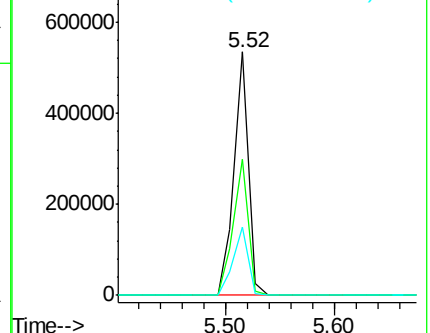
63 28.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.30 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

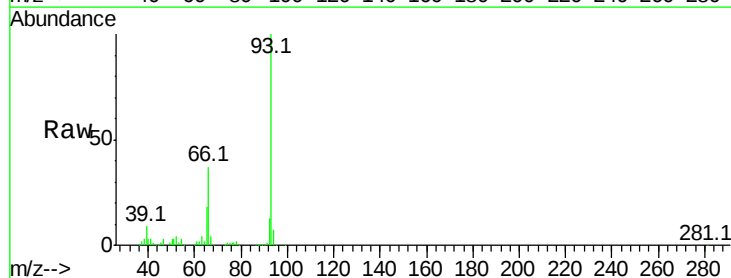
Tgt Ion: 93 Resp: 419741

Ion Ratio Lower Upper

93 100

66 36.7 31.2 46.8

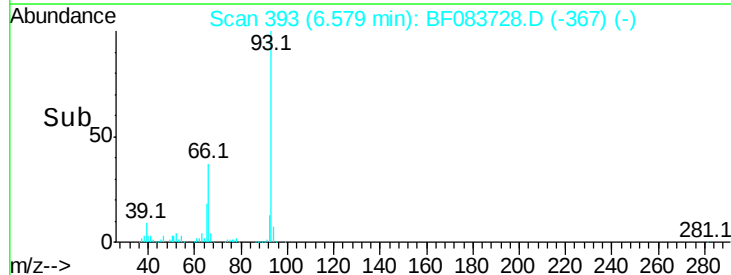
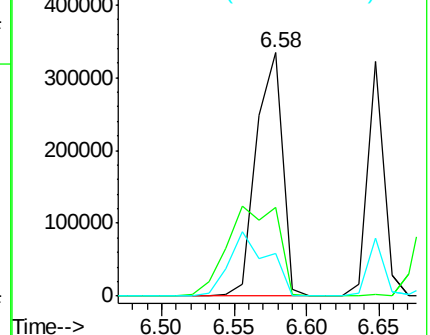
65 17.5 14.9 22.3

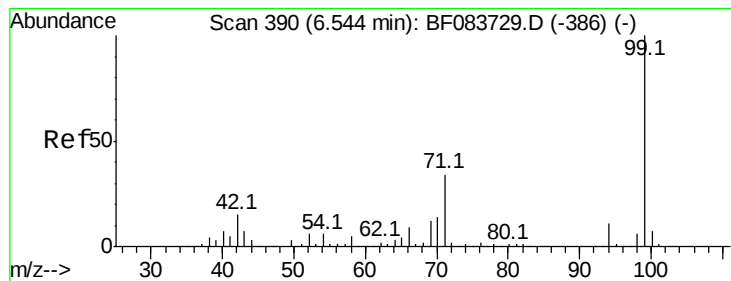


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 51.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF083728.D

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Instrument :

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ClientSampleId :

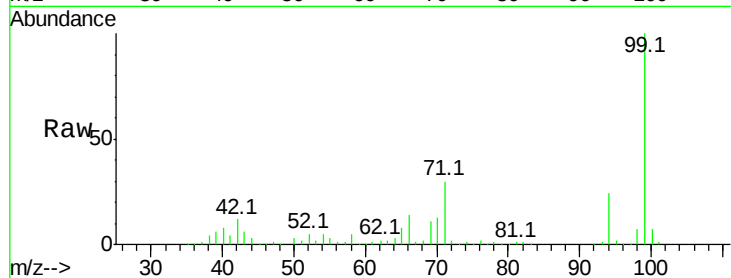
Tot Ion: 99 Resp: 627590

Ion Ratio Lower Upper

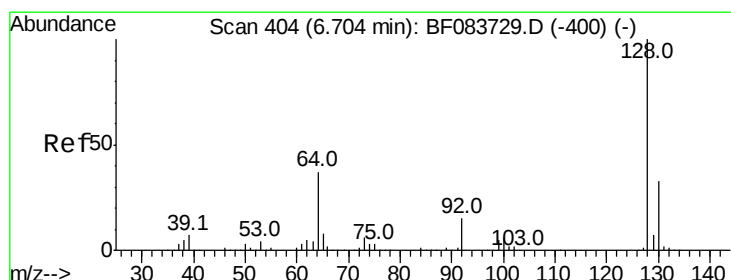
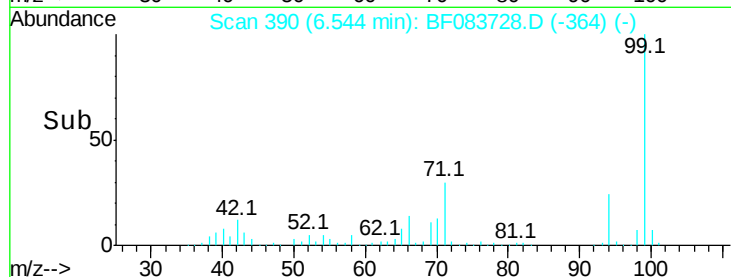
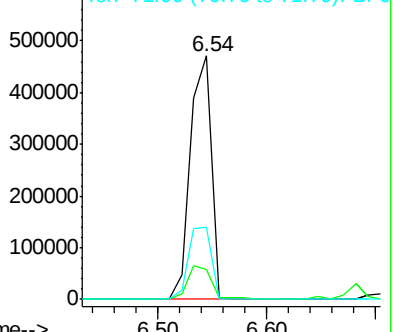
99 100

42 12.5 12.2 18.2

71 29.6 26.9 40.3



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



#8

2-Chlorophenol

Concen: 25.97 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

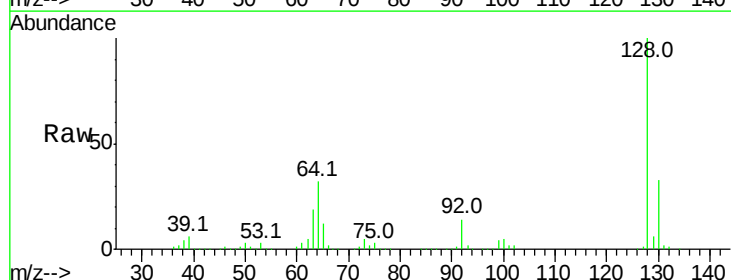
Tgt Ion: 128 Resp: 282862

Ion Ratio Lower Upper

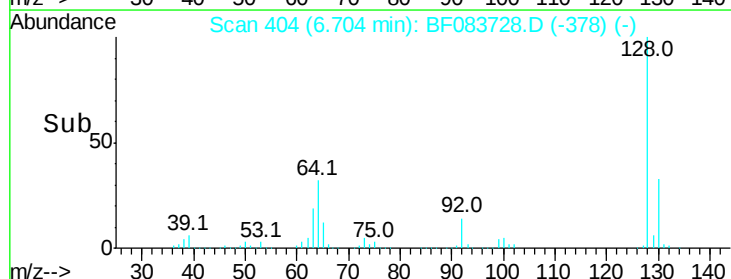
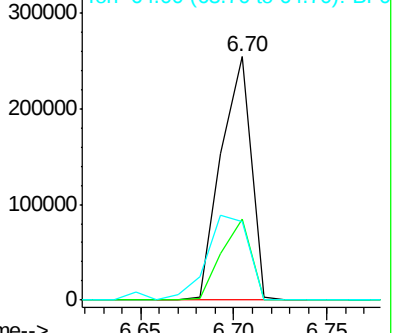
128 100

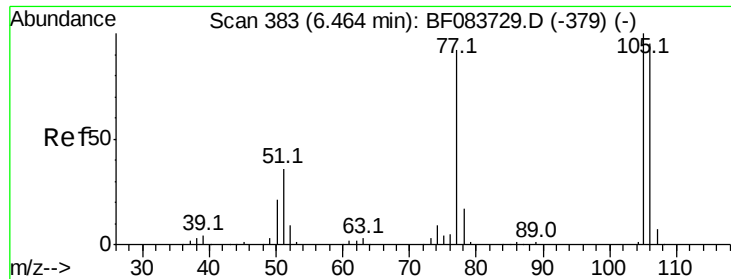
130 33.4 13.4 53.4

64 32.2 17.1 57.1



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

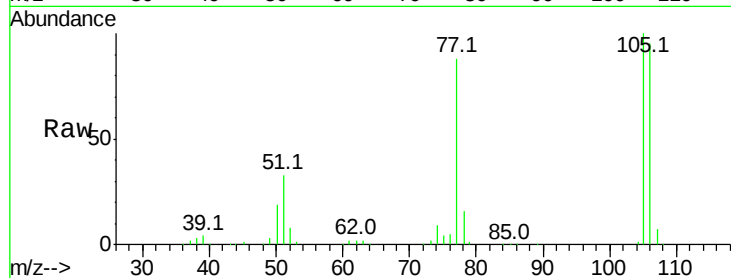




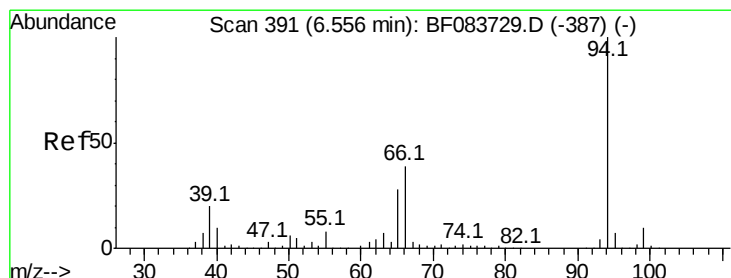
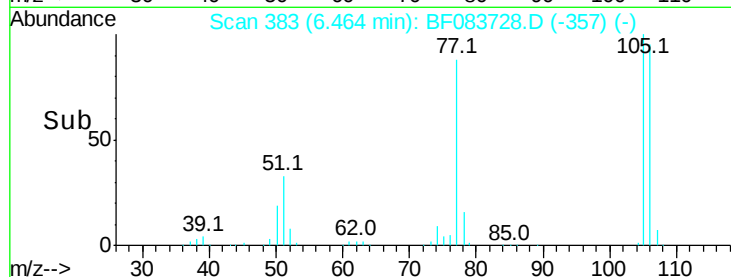
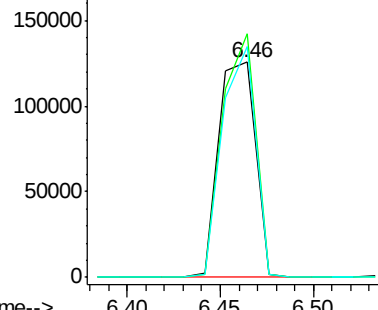
#9
Benzaldehyde
Concen: 25.71 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 171837
Ion Ratio Lower Upper
77 100
105 113.3 88.5 128.5
106 107.4 82.8 122.8

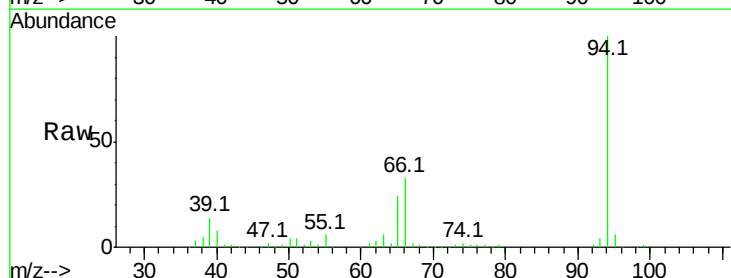


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

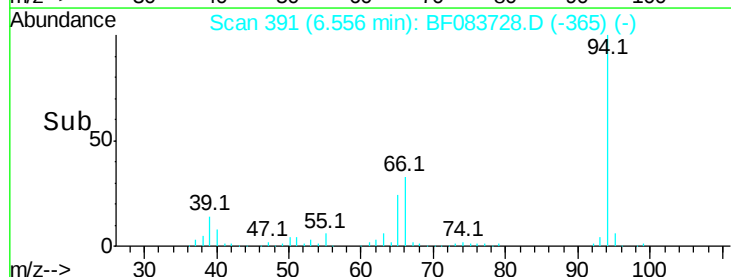
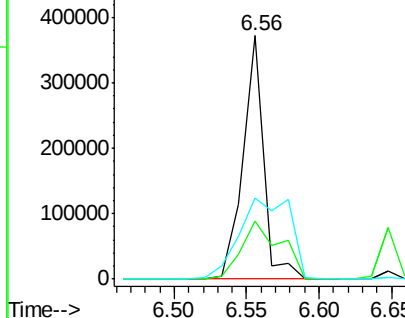


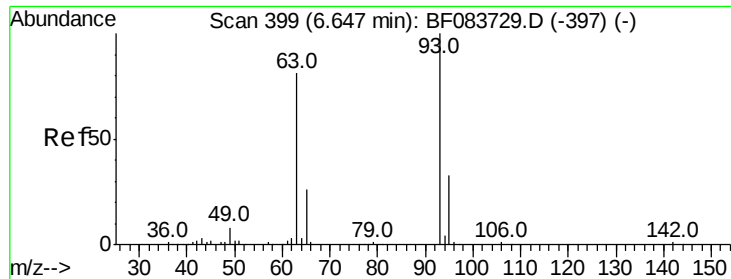
#10
Phenol
Concen: 25.77 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion: 94 Resp: 367863
Ion Ratio Lower Upper
94 100
65 23.9 8.0 48.0
66 33.3 19.1 59.1



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

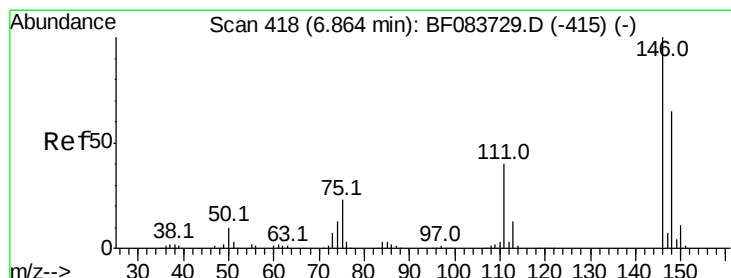
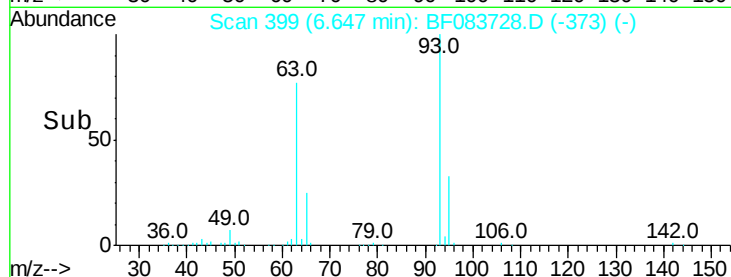
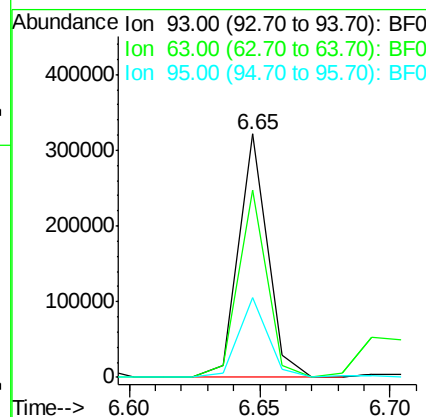
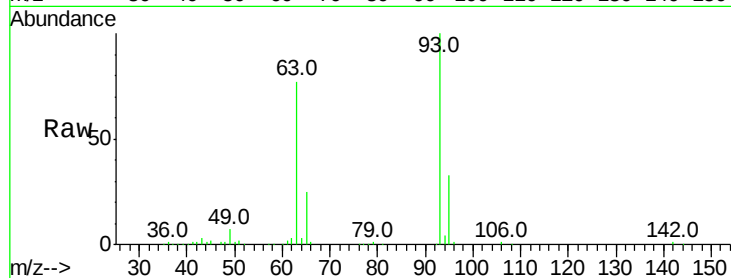




#11
bis(2-Chloroethyl)ether
Concen: 24.91 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

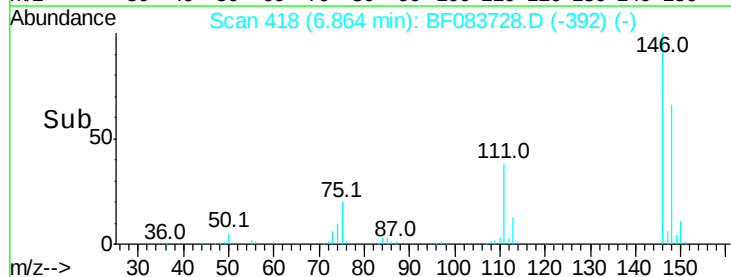
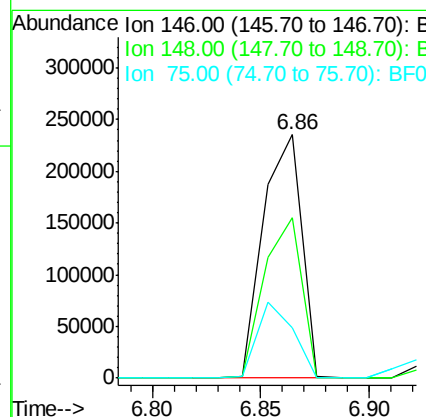
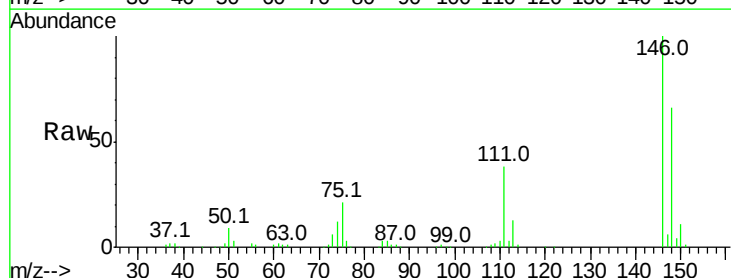
Instrument :
BNA_F
ClientSampleId :

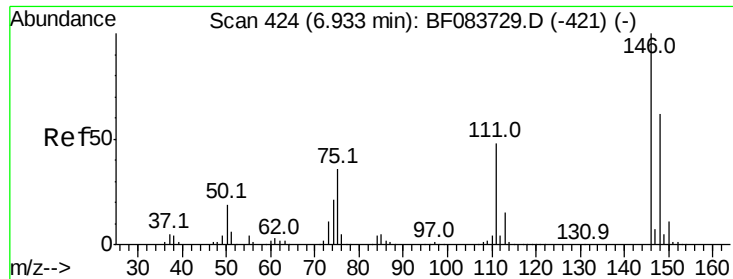
Tot Ion: 93 Resp: 251473
Ion Ratio Lower Upper
93 100
63 77.0 60.7 100.7
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 24.46 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion: 146 Resp: 292087
Ion Ratio Lower Upper
146 100
148 65.7 51.9 77.9
75 20.5 18.8 28.2

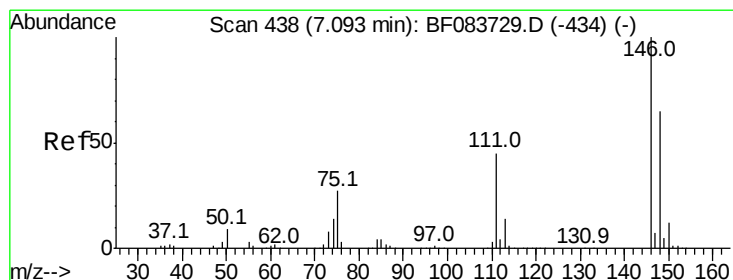
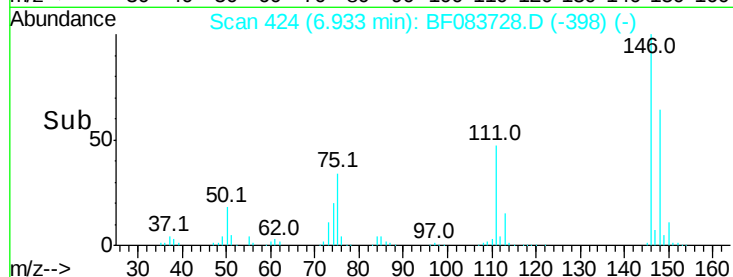
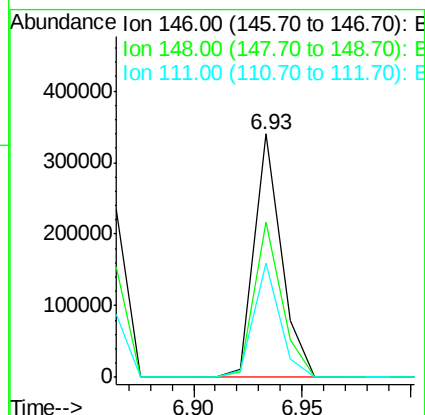
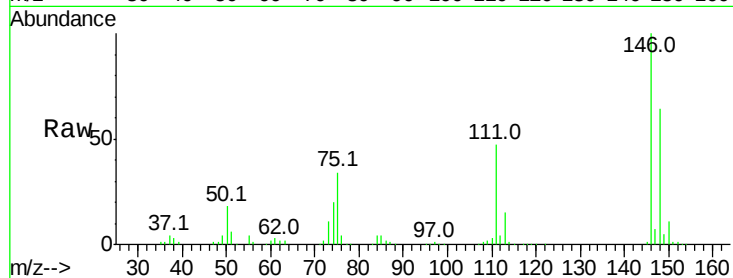




#13
 1,4-Dichlorobenzene
 Concen: 24.87 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

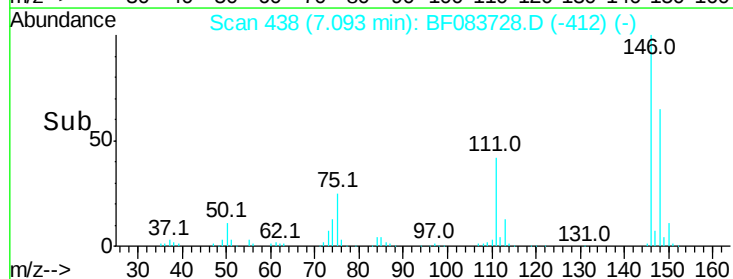
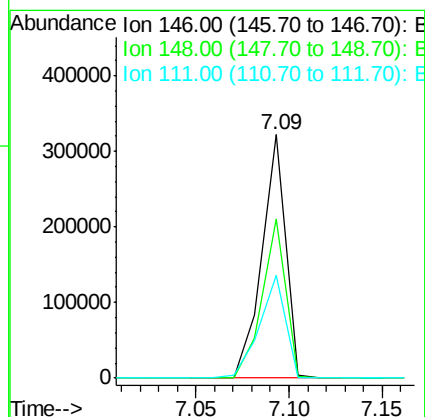
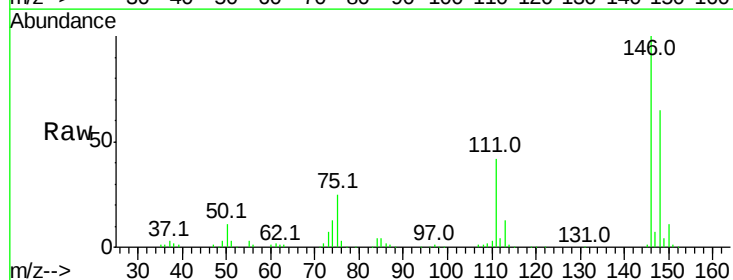
Instrument :
 BNA_F
 ClientSampleId :

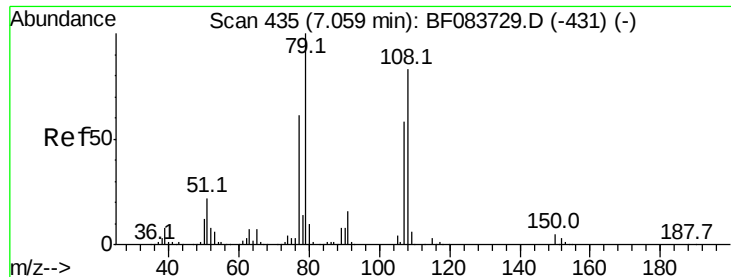
Tot Ion:146 Resp: 294794
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.0 75.0
 111 47.1 38.1 57.1



#14
 1,2-Dichlorobenzene
 Concen: 25.37 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:146 Resp: 281677
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.4
 111 42.0 35.8 53.6





#15

Benzyl Alcohol

Concen: 24.76 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

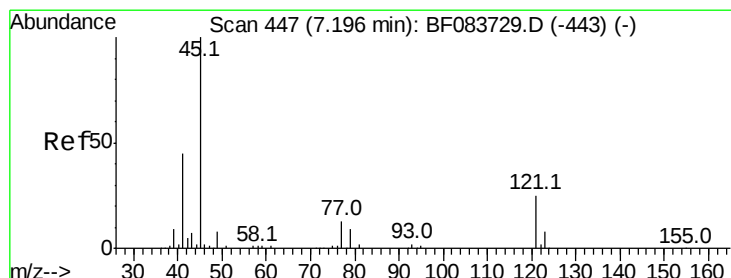
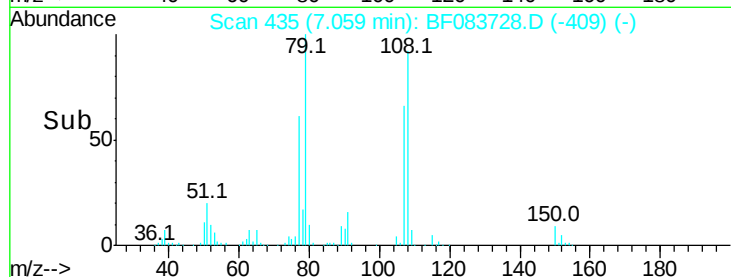
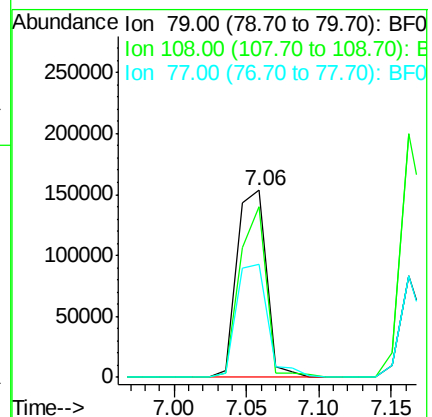
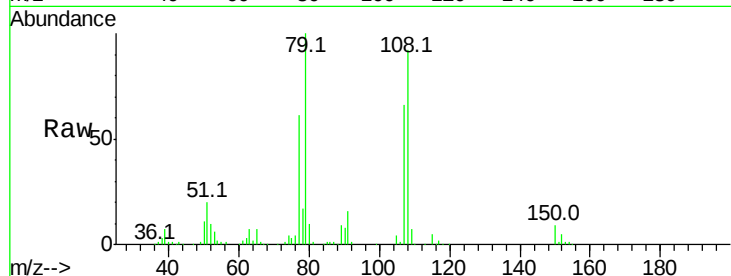
Tot Ion: 79 Resp: 216560

Ion Ratio Lower Upper

79 100

108 91.6 66.3 99.5

77 60.8 48.5 72.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 22.72 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

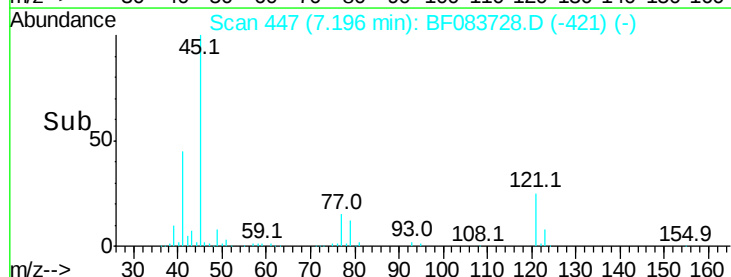
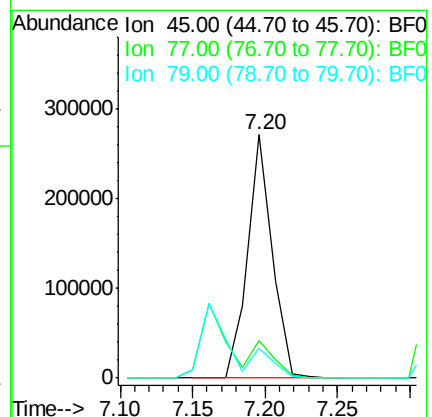
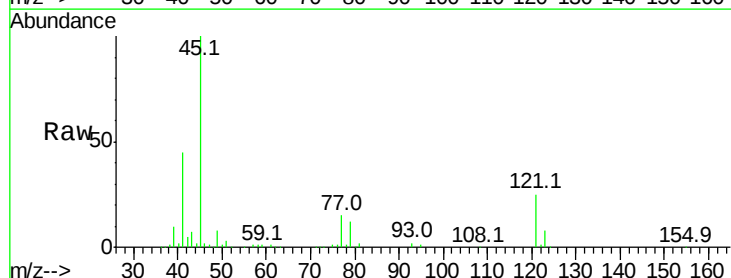
Tgt Ion: 45 Resp: 320278

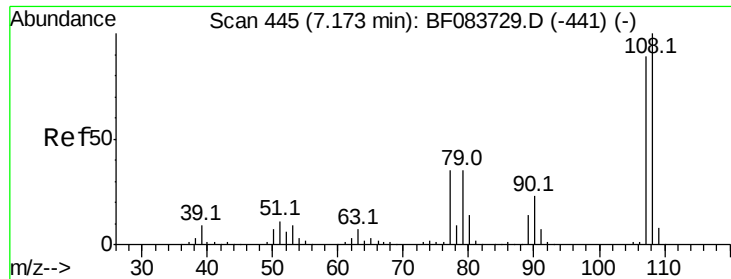
Ion Ratio Lower Upper

45 100

77 15.5 0.0 36.3

79 12.2 0.0 32.0

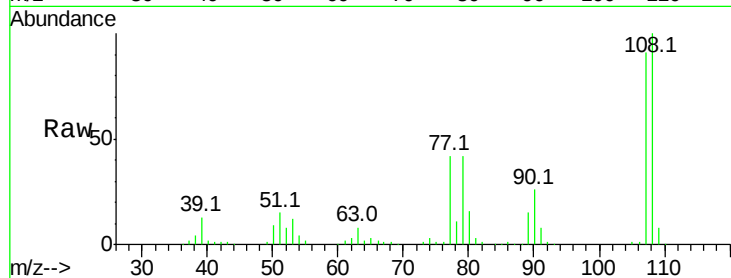




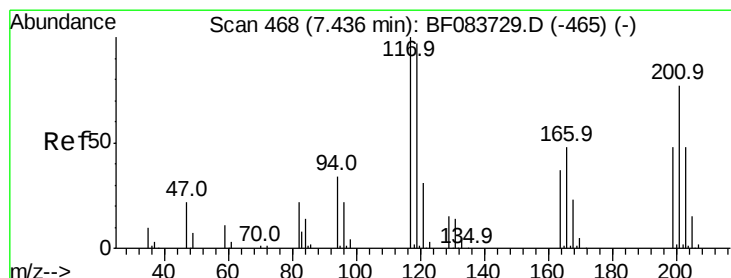
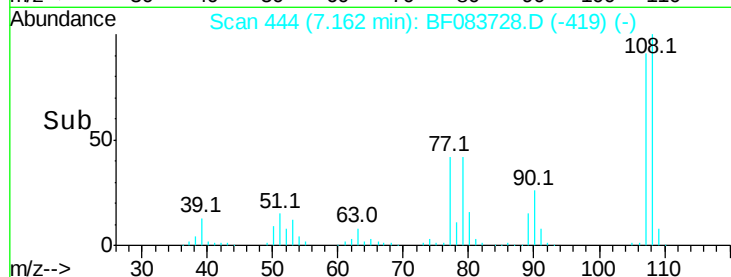
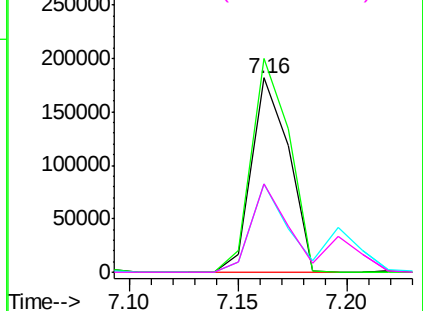
#17
2-Methylphenol
Concen: 24.94 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 218132
Ion Ratio Lower Upper
107 100
108 110.0 89.5 134.3
77 45.7 31.0 46.4
79 45.7 31.4 47.2

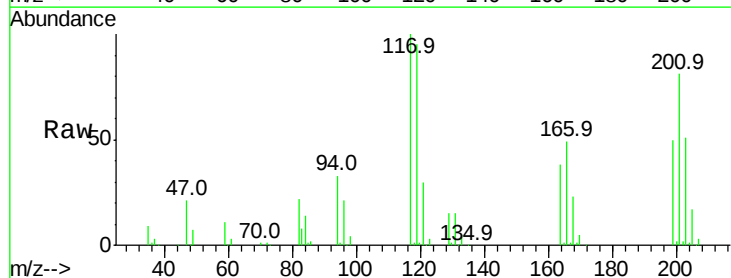


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

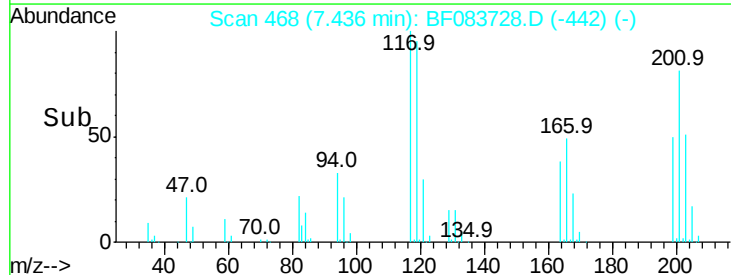
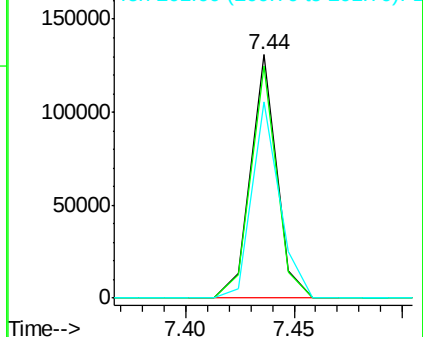


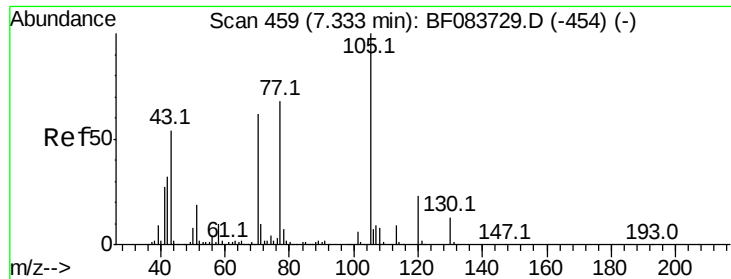
#18
Hexachloroethane
Concen: 26.89 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:117 Resp: 109239
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 80.6 61.3 91.9



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

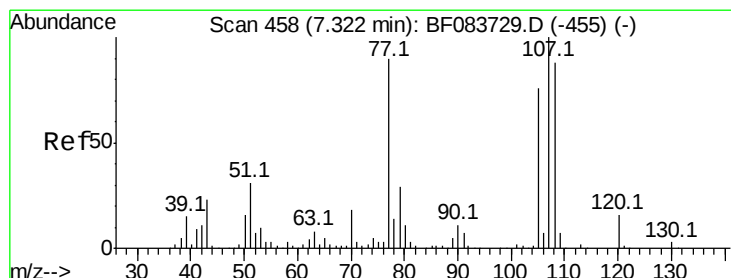
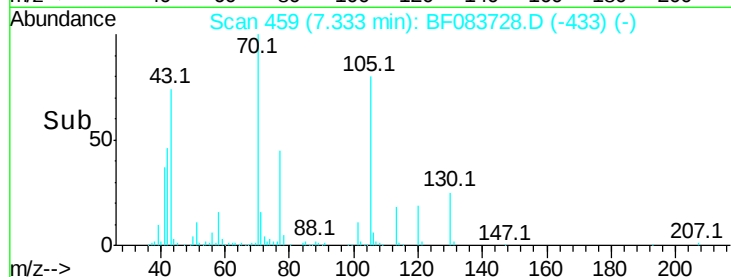
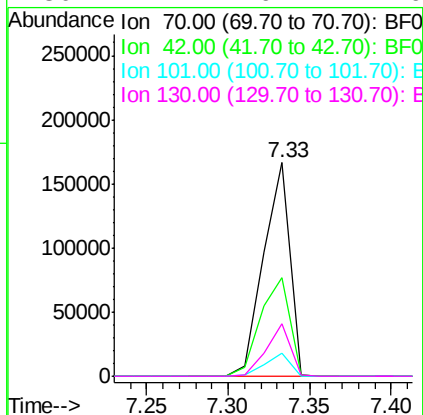
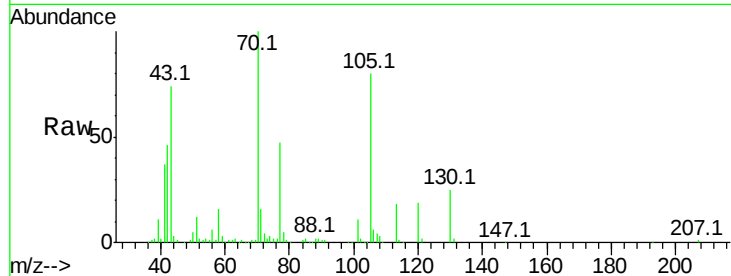




#19
n-Nitroso-di-n-propylamine
Concen: 26.84 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

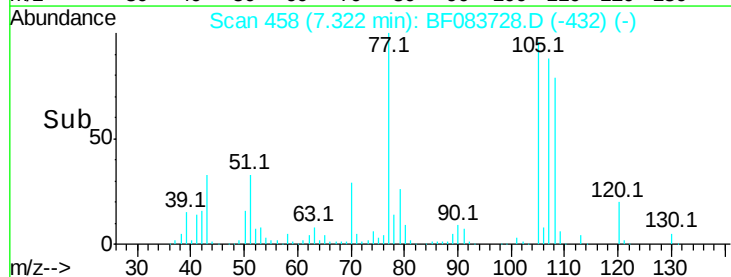
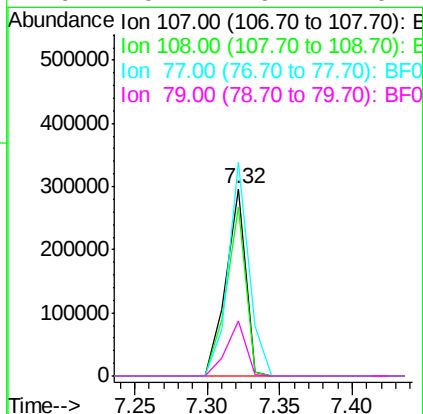
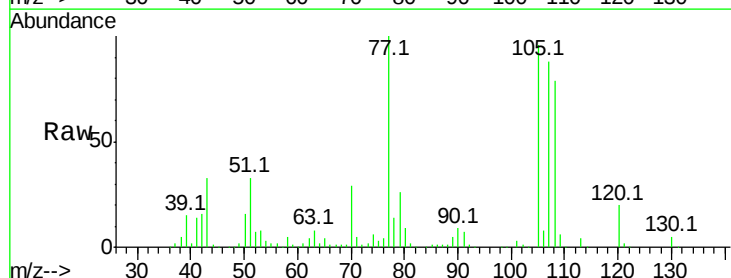
Instrument :
BNA_F
ClientSampleId :

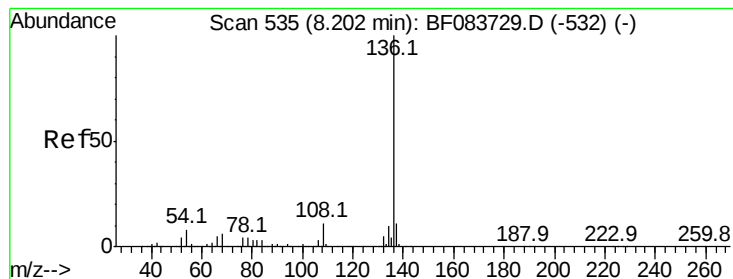
Tot Ion: 70 Resp: 187369
Ion Ratio Lower Upper
70 100
42 45.9 41.4 62.2
101 10.8 7.7 11.5
130 24.7 16.4 24.6#



#20
3+4-Methylphenols
Concen: 26.76 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:107 Resp: 282267
Ion Ratio Lower Upper
107 100
108 90.3 68.3 108.3
77 114.1 69.9 109.9#
79 29.4 9.1 49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 586186

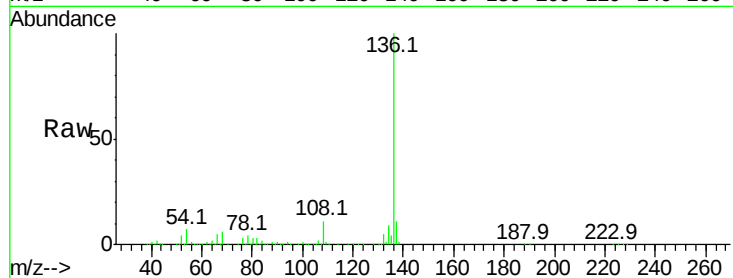
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.4 6.5 9.7

68 6.2 4.9 7.3

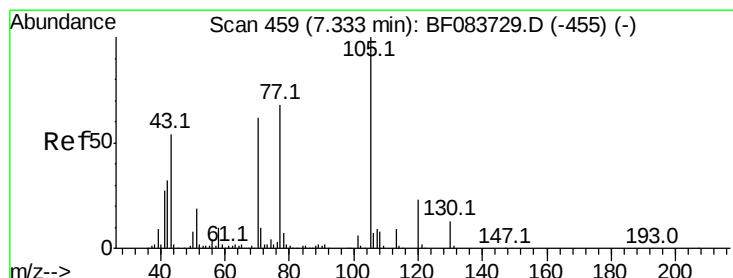
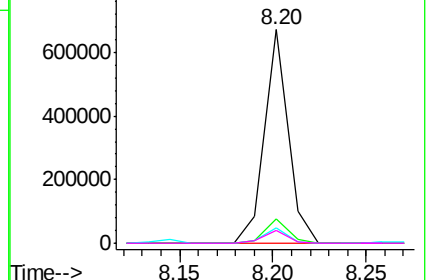
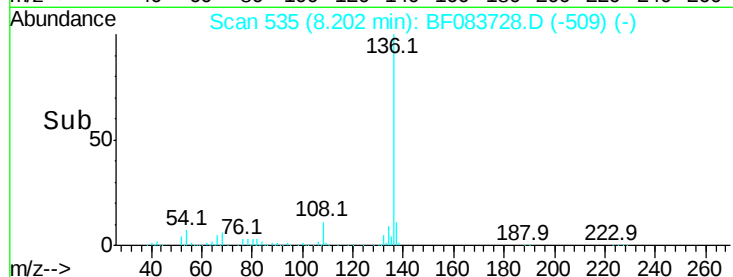


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.04 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Tgt Ion:105 Resp: 343210

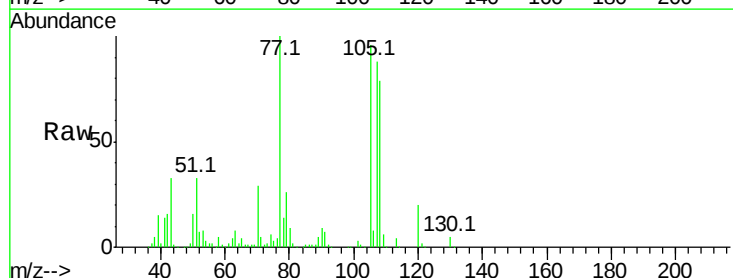
Ion Ratio Lower Upper

105 100

71 5.1 8.2 12.4#

51 34.6 15.0 22.6#

120 20.7 18.3 27.5

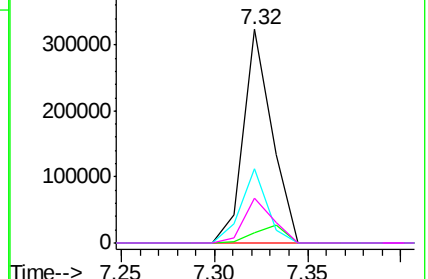
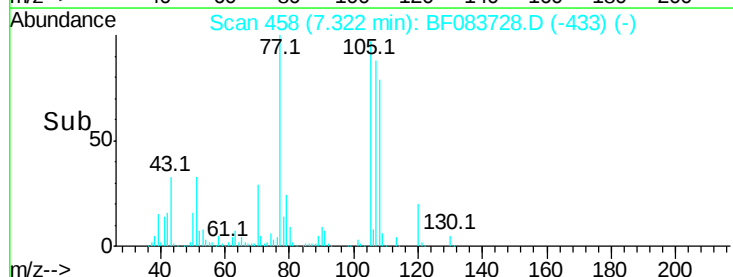


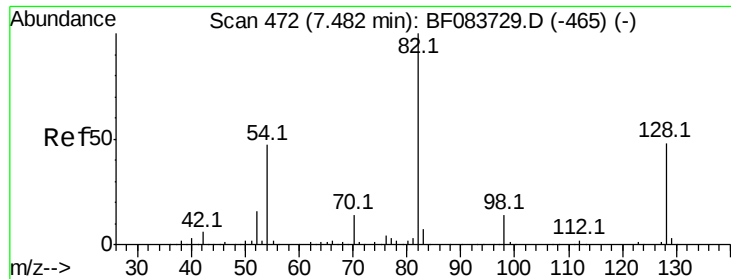
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

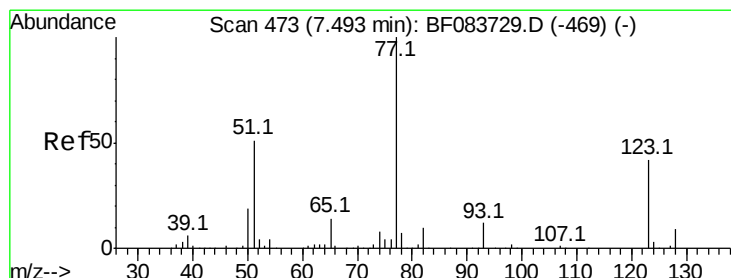
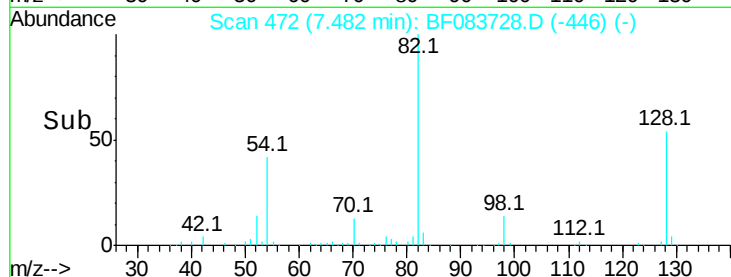
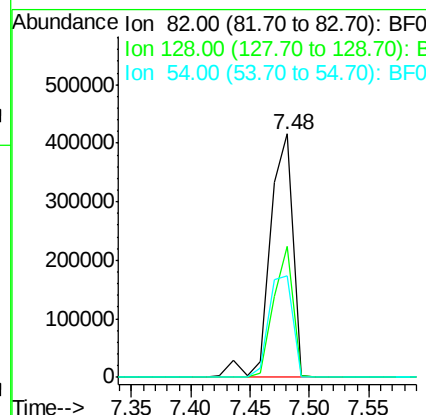
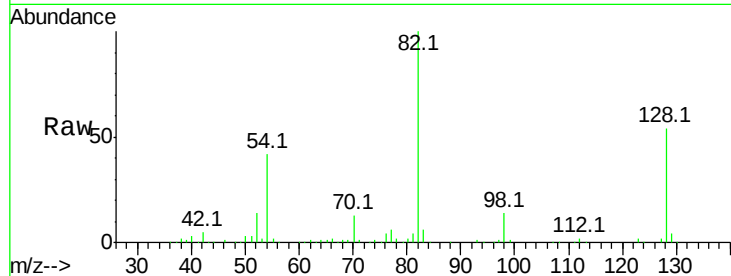




#23
Nitrobenzene-d5
Concen: 62.79 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

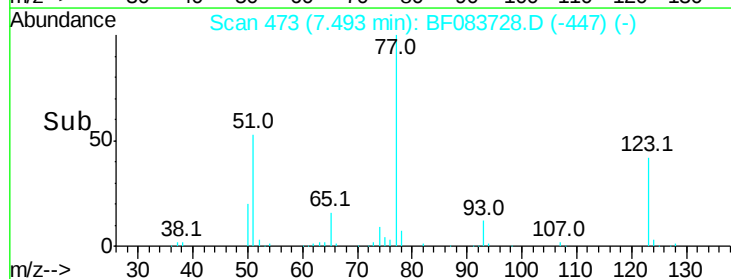
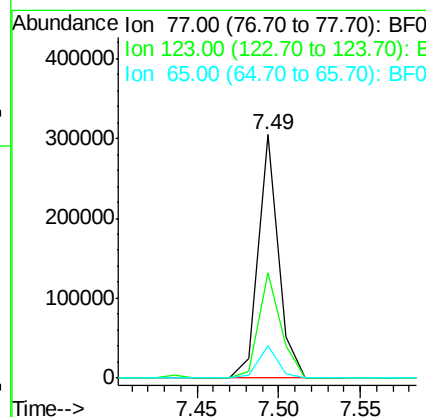
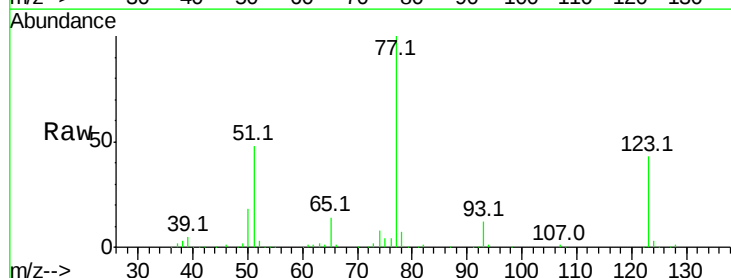
Instrument :
BNA_F
ClientSampleId :

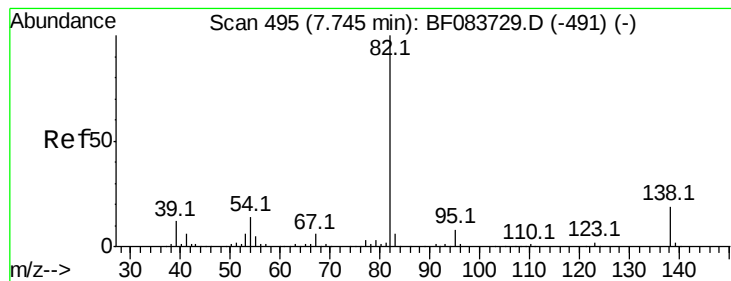
Tot Ion	82	Resp	556997
Ion	Ratio	Lower	Upper
82	100		
128	53.6	38.2	57.4
54	41.9	37.6	56.4



#24
Nitrobenzene
Concen: 26.95 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion	77	Resp	263147
Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.7	50.5
65	13.5	10.8	16.2





#25

Isophorone

Concen: 25.41 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

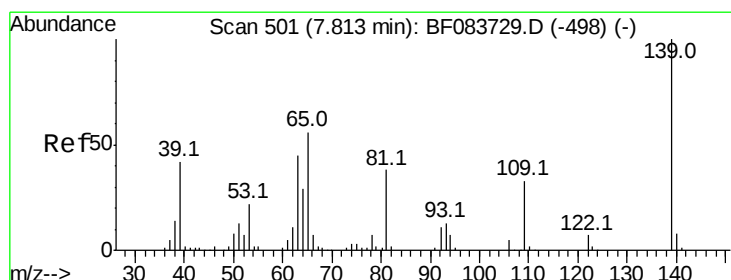
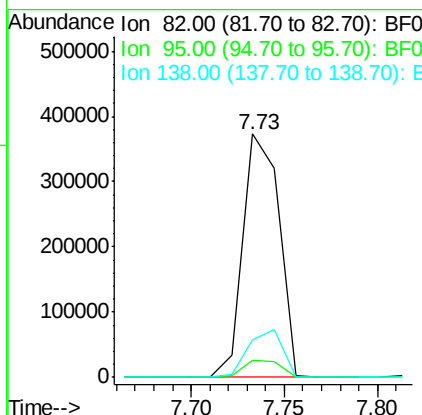
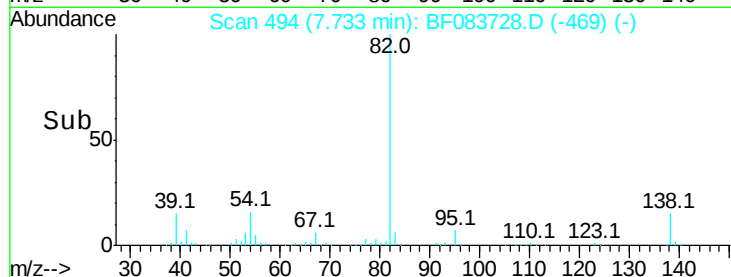
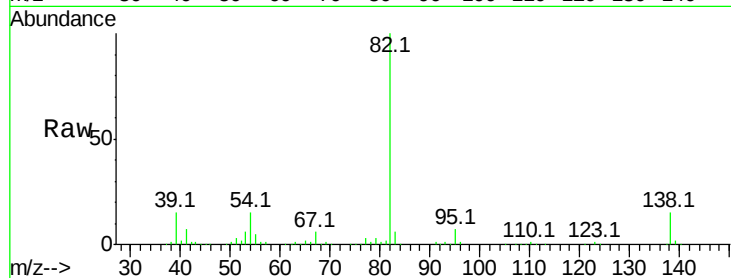
Tot Ion: 82 Resp: 500894

Ion Ratio Lower Upper

82 100

95 6.9 6.0 9.0

138 15.2 15.5 23.3#



#26

2-Nitrophenol

Concen: 32.06 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

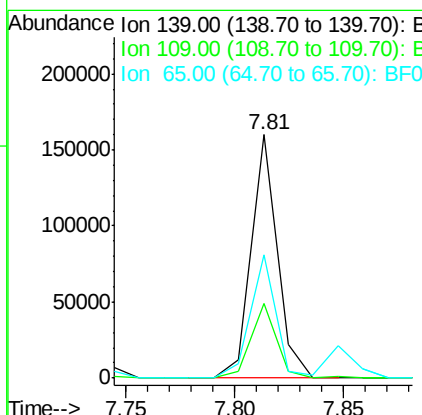
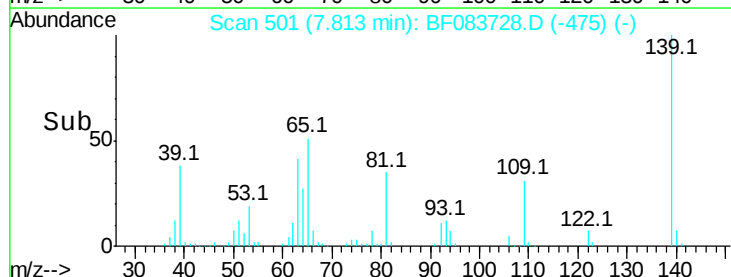
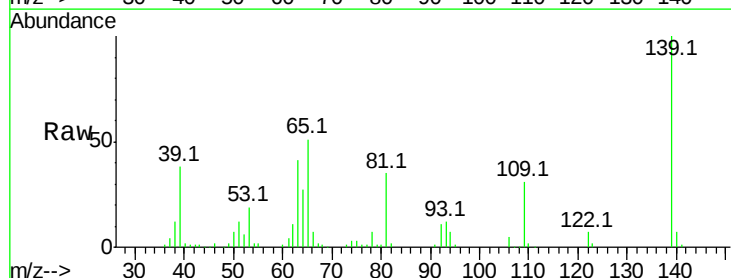
Tgt Ion: 139 Resp: 133059

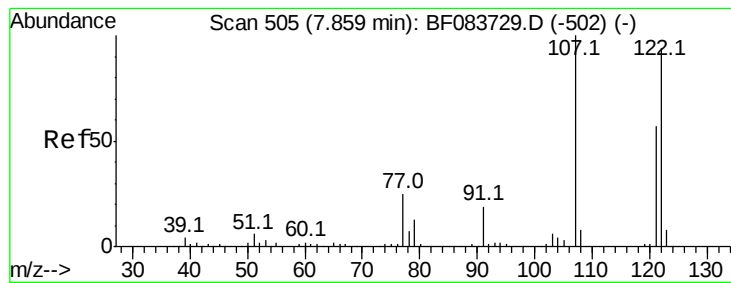
Ion Ratio Lower Upper

139 100

109 30.8 26.0 39.0

65 50.7 44.6 66.8

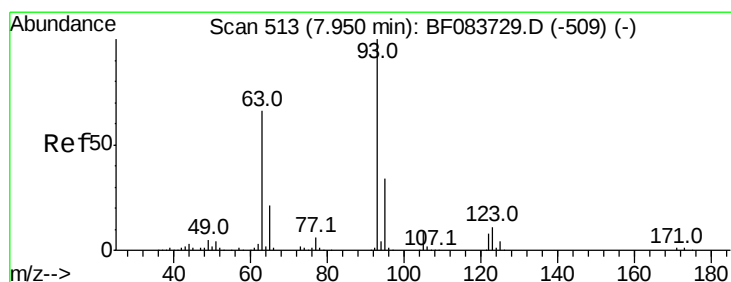
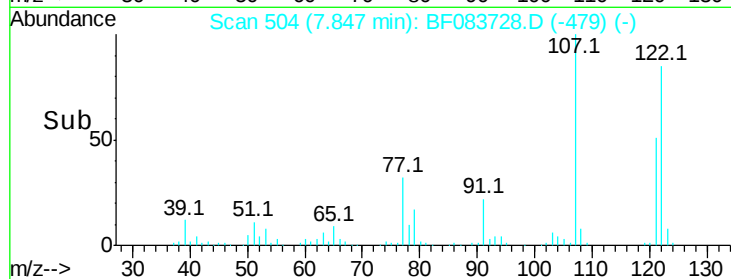
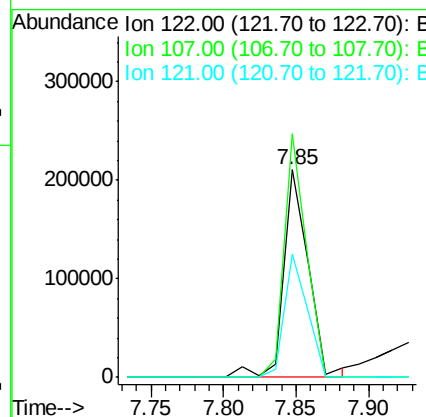
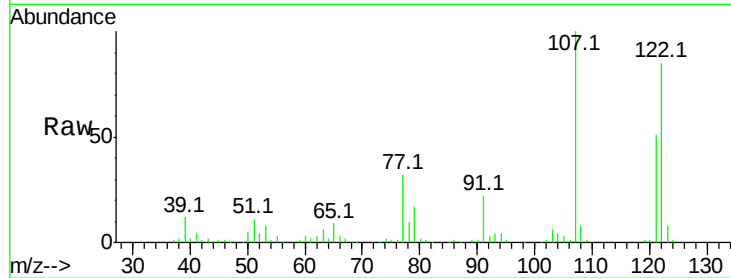




#27
 2,4-Dimethylphenol
 Concen: 25.37 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

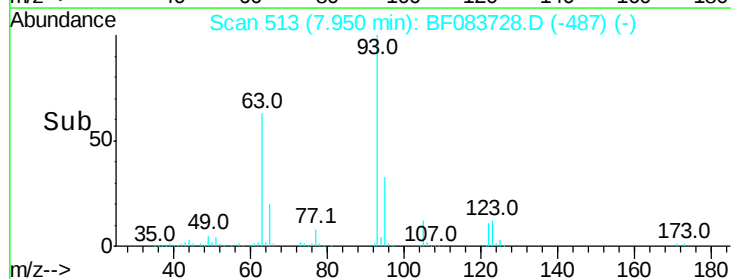
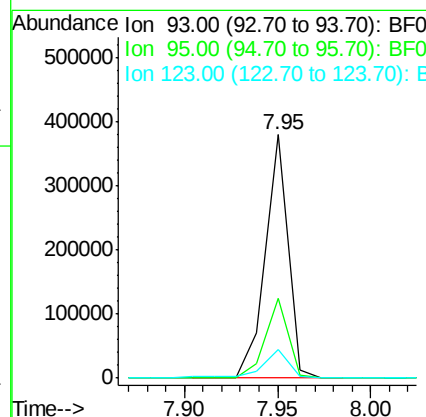
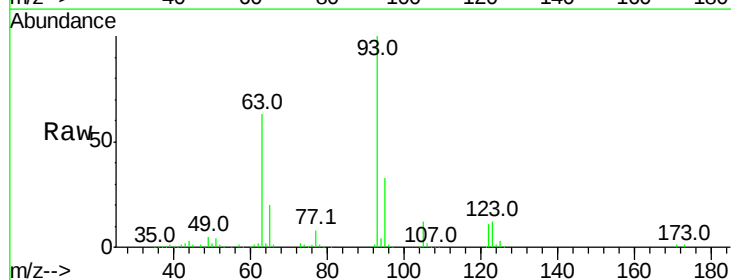
Instrument :
 BNA_F
 ClientSampleId :

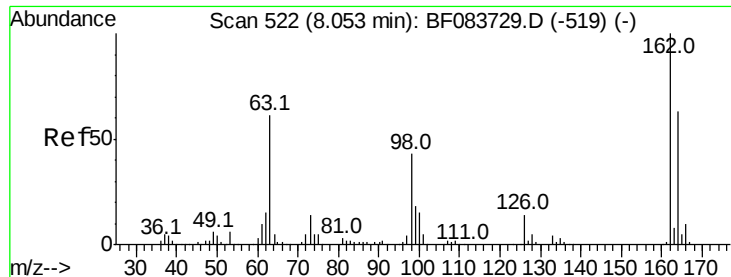
Tot Ion:122 Resp: 248677
 Ion Ratio Lower Upper
 122 100
 107 117.5 83.9 125.9
 121 59.7 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.90 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion: 93 Resp: 319166
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.9 40.3
 123 11.8 9.3 13.9

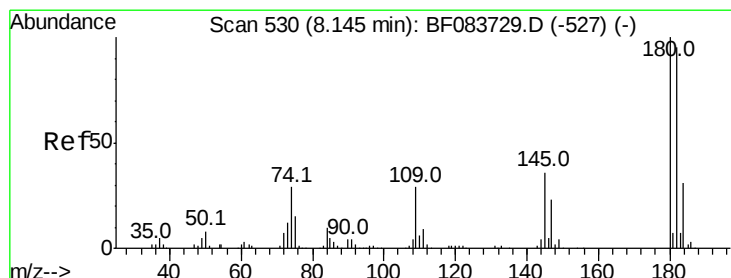
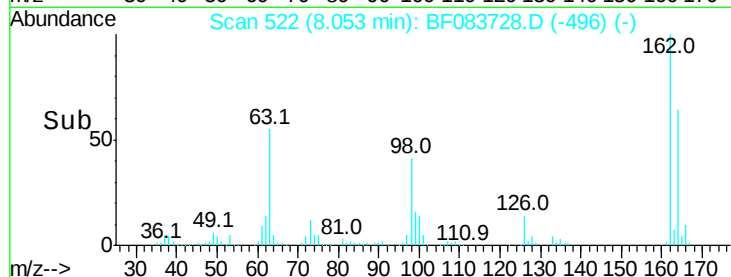
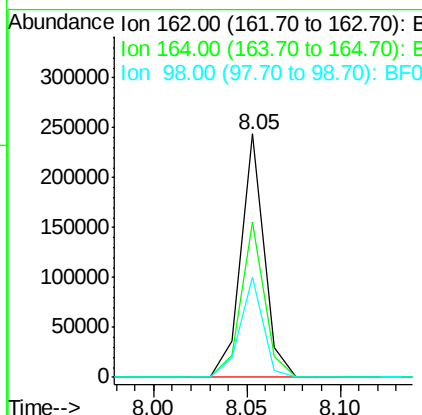
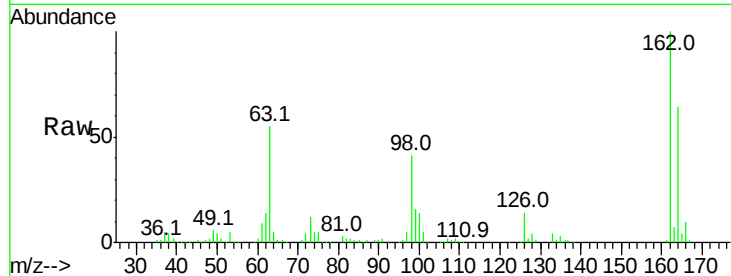




#29
 2,4-Dichlorophenol
 Concen: 26.60 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

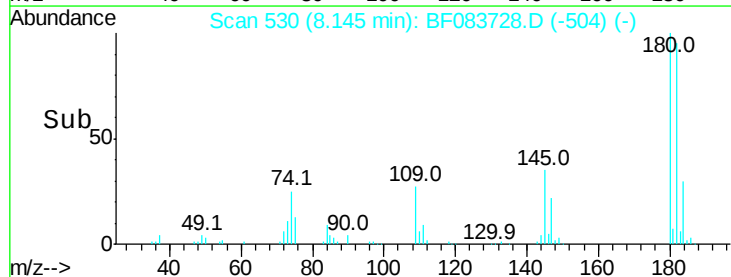
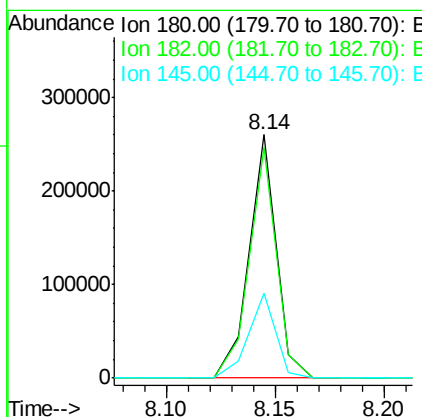
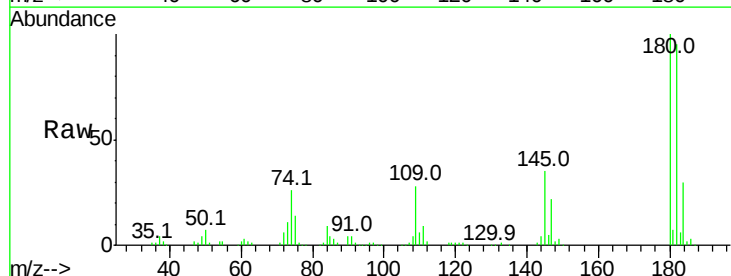
Instrument :
 BNA_F
 ClientSampled :

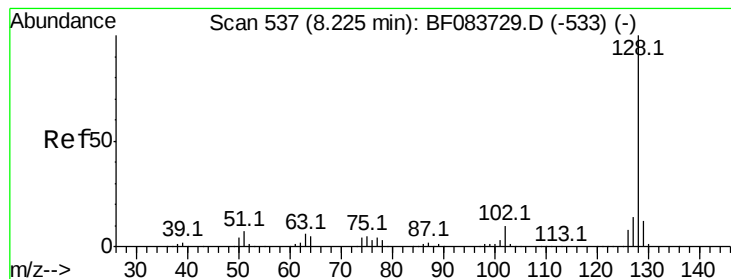
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.8	82.8
98	41.2	23.1	63.1



#30
 1,2,4-Trichlorobenzene
 Concen: 25.70 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	35.0	29.0	43.6





#31

Naphthalene

Concen: 27.90 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

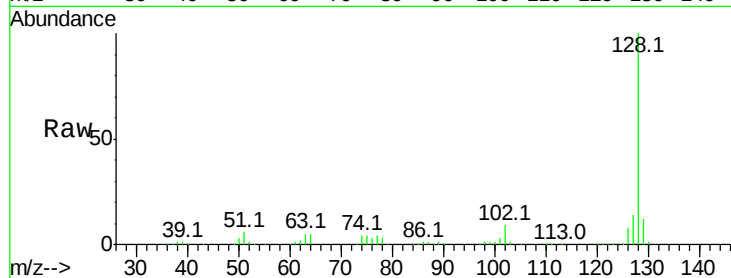
Tot Ion:128 Resp: 810935

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

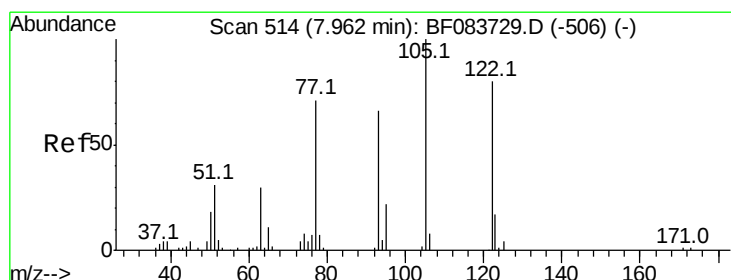
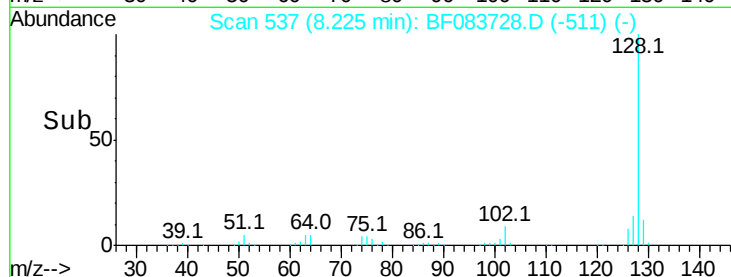
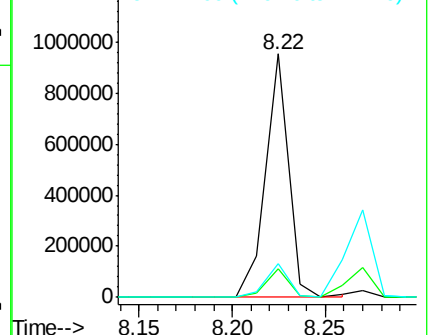
127 13.8 11.0 16.6



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: 27.14 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

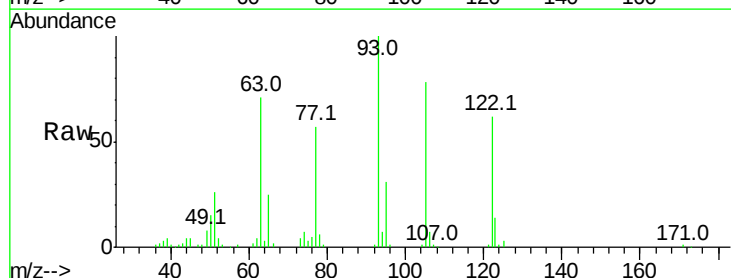
Tgt Ion:122 Resp: 150108

Ion Ratio Lower Upper

122 100

105 124.2 102.6 142.6

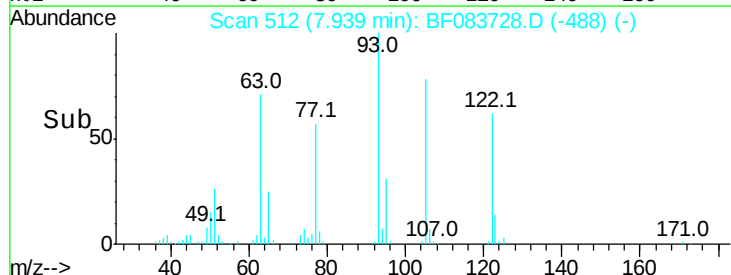
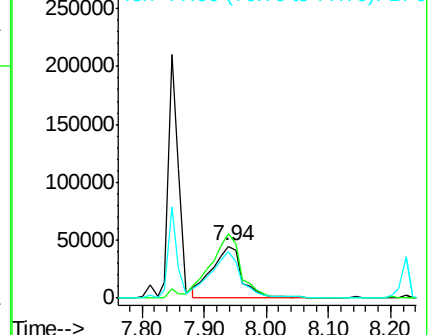
77 90.7 69.1 109.1

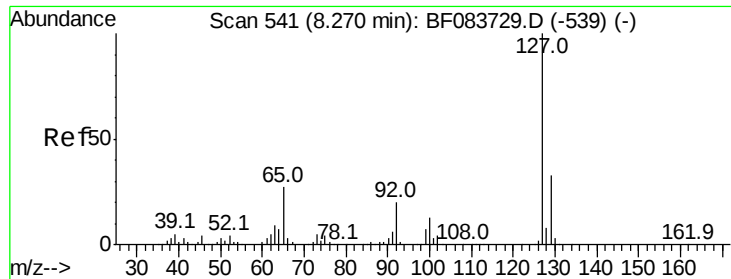


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

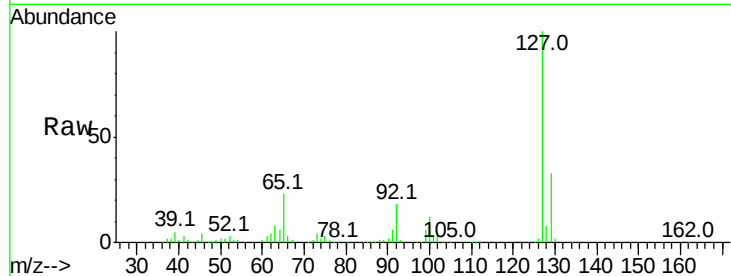




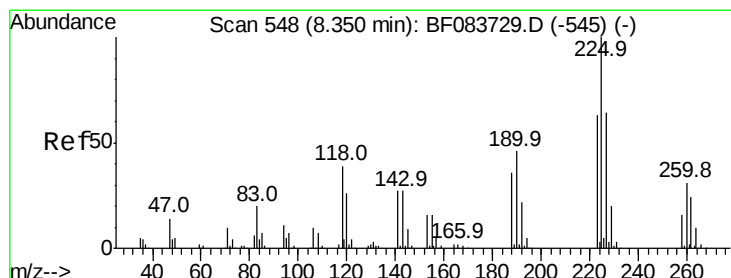
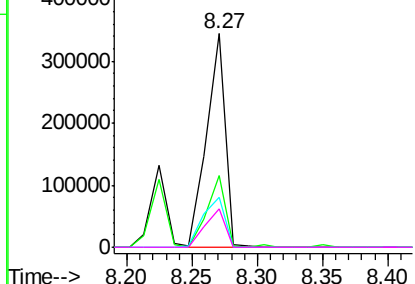
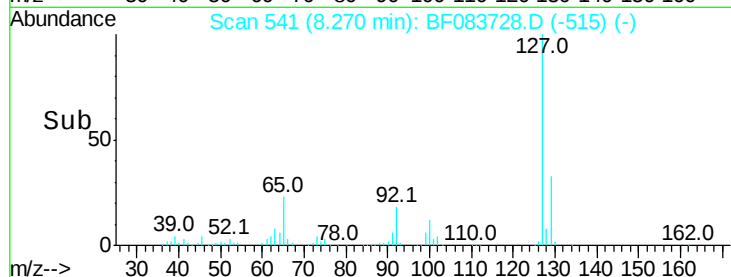
#33
4-Chloroaniline
Concen: 27.55 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	341637
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	23.3	21.7	32.5
92	17.9	15.8	23.6

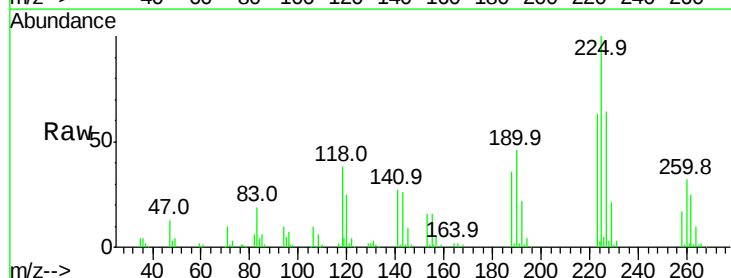


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

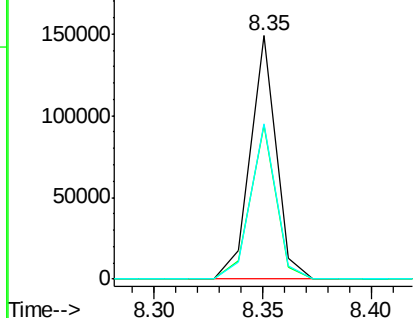
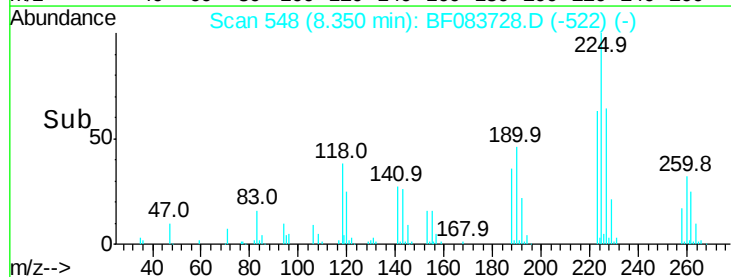


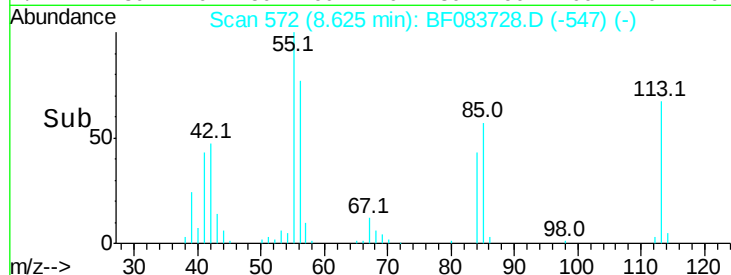
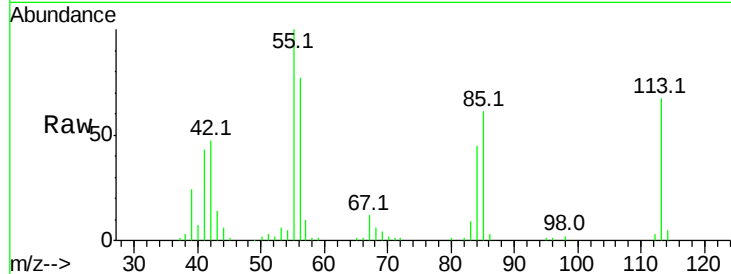
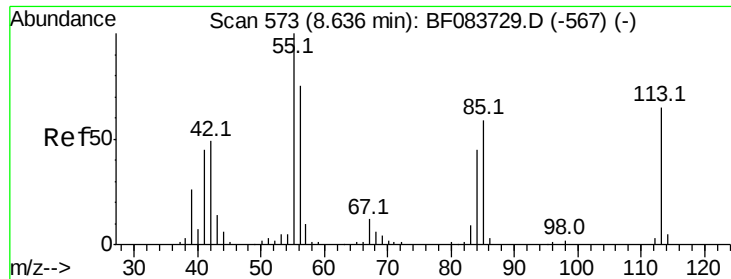
#34
Hexachlorobutadiene
Concen: 24.94 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:	225	Resp:	122796
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	63.8	50.8	76.2



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: 26.76 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:113 Resp: 69974

Ion Ratio Lower Upper

113 100

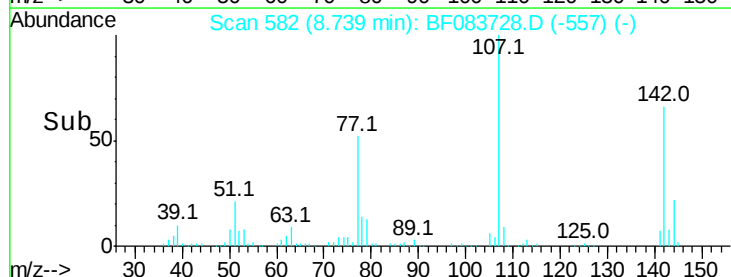
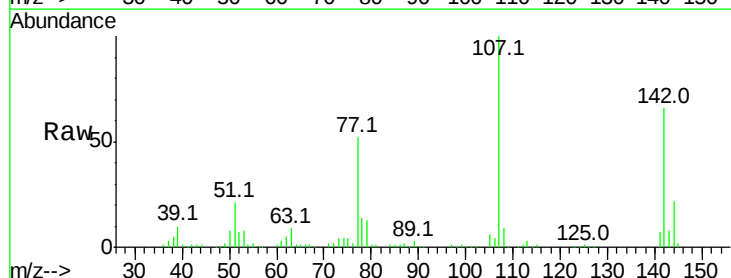
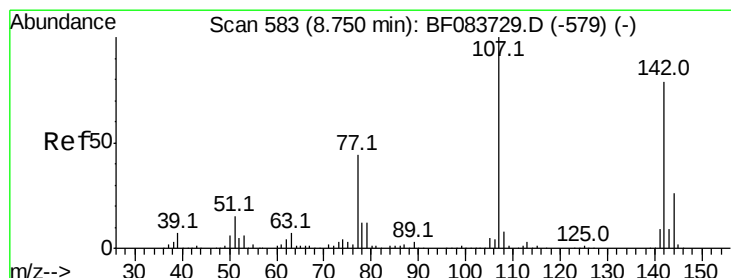
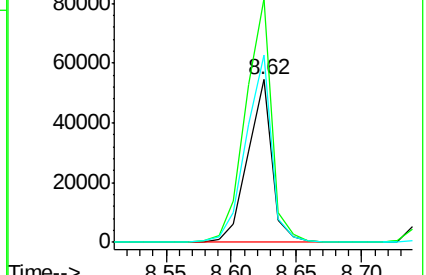
55 149.9 133.7 173.7

56 115.5 95.4 135.4

Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.04 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Tgt Ion:107 Resp: 236790

Ion Ratio Lower Upper

107 100

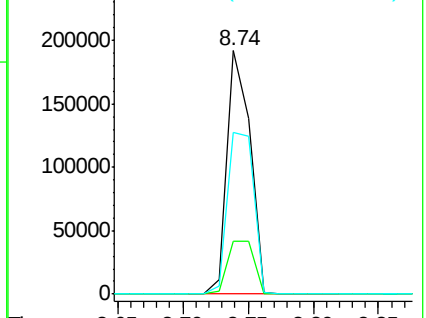
144 21.8 20.5 30.7

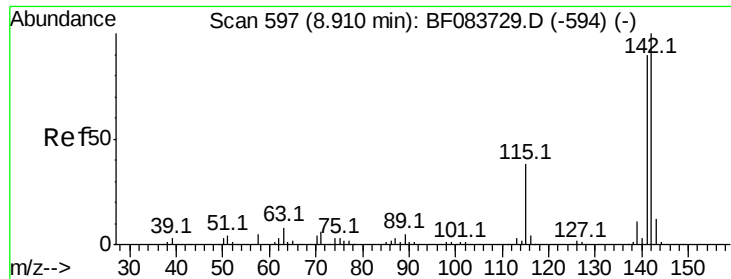
142 66.3 63.4 95.2

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

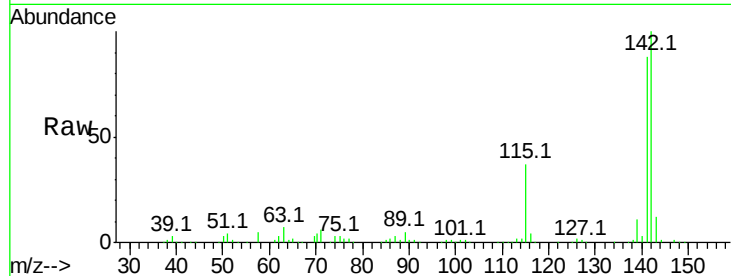




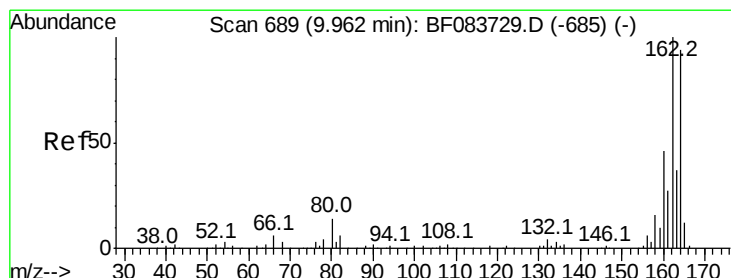
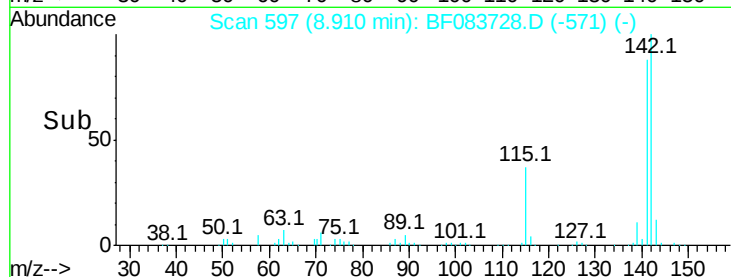
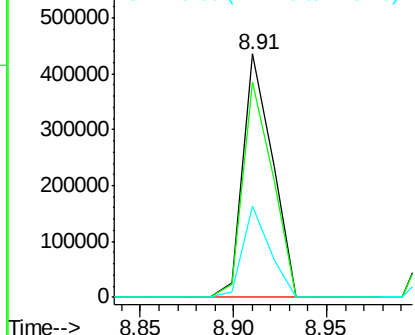
#37
 2-Methylnaphthalene
 Concen: 25.82 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 478553
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.0 108.0
 115 37.4 30.8 46.2

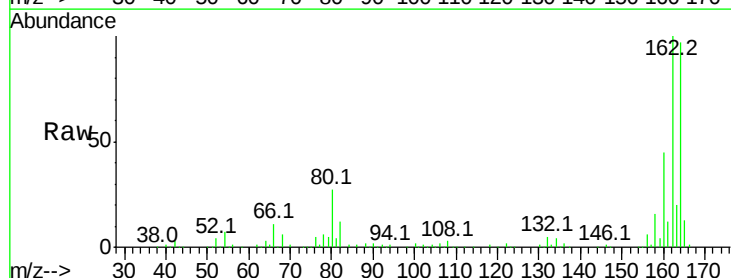


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

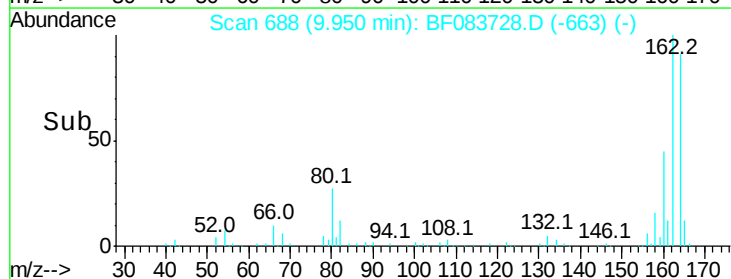
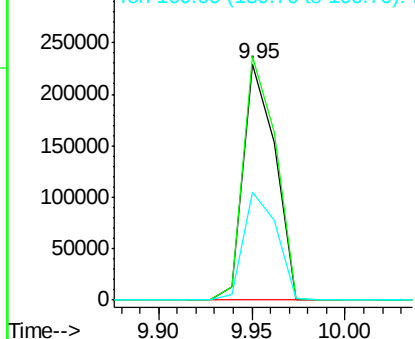


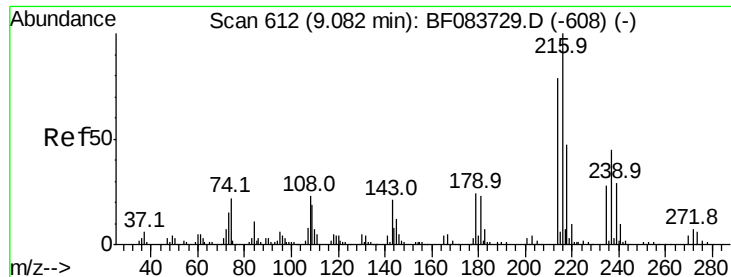
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:164 Resp: 271375
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.0 127.4
 160 45.9 38.7 58.1



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: 25.92 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 214862

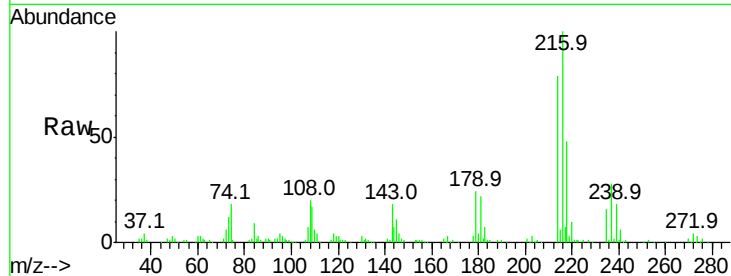
Ion Ratio Lower Upper

216 100

214 78.5 62.6 93.8

179 23.3 18.2 27.4

108 22.4 18.6 28.0

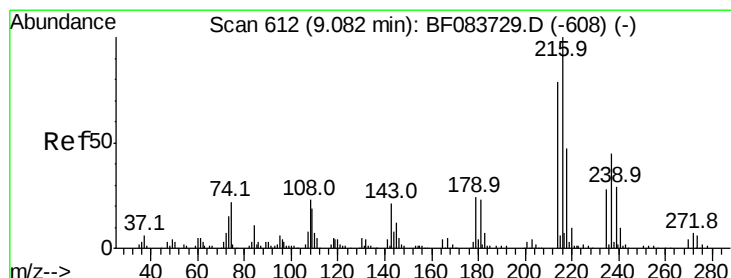
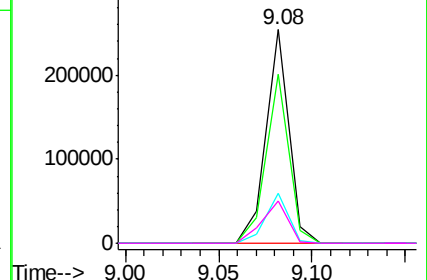
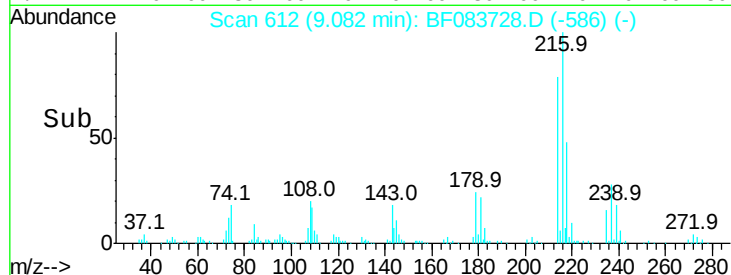


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 25.32 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

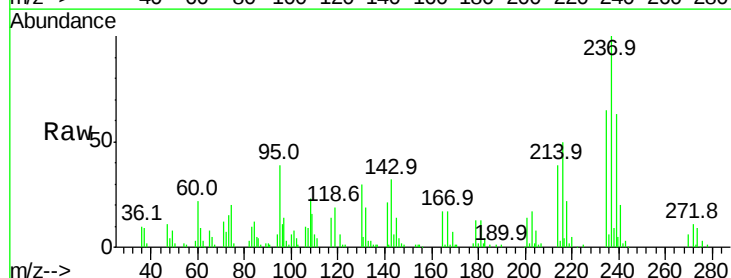
Tgt Ion:237 Resp: 102598

Ion Ratio Lower Upper

237 100

235 64.7 41.8 81.8

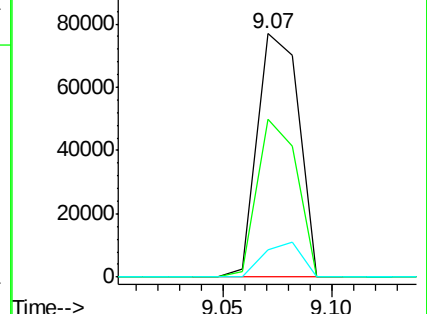
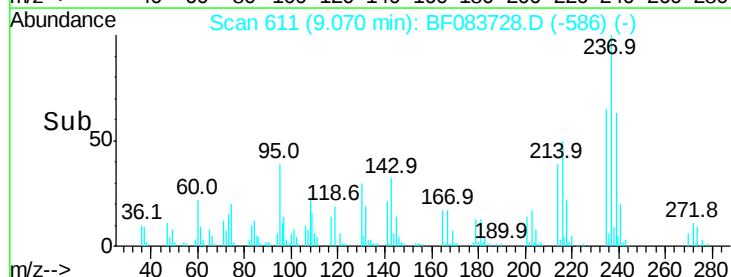
272 11.1 0.0 34.9

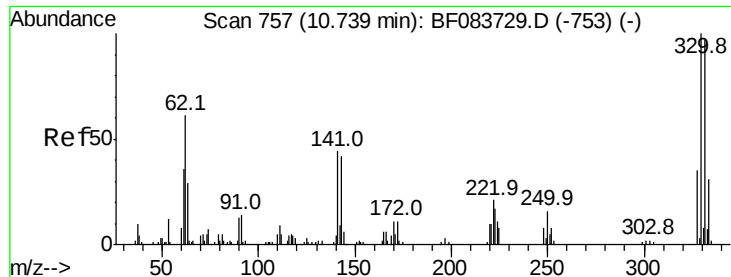


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

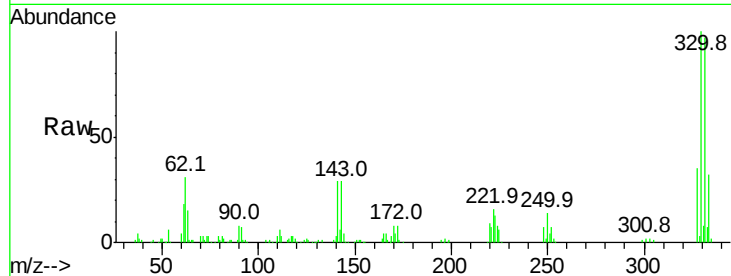




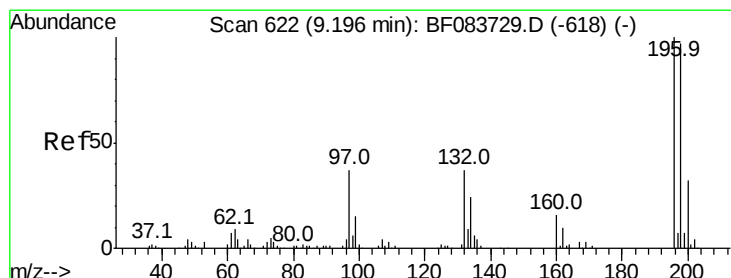
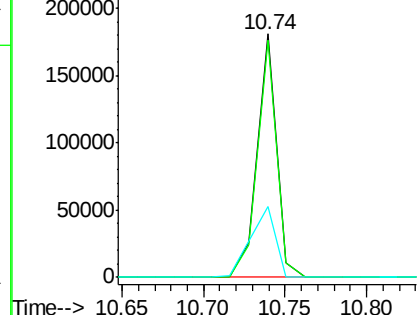
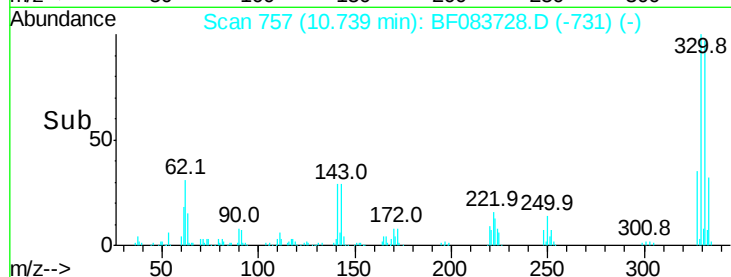
#41
 2,4,6-Tribromophenol
 Concen: 58.13 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	37.0	31.9	47.9

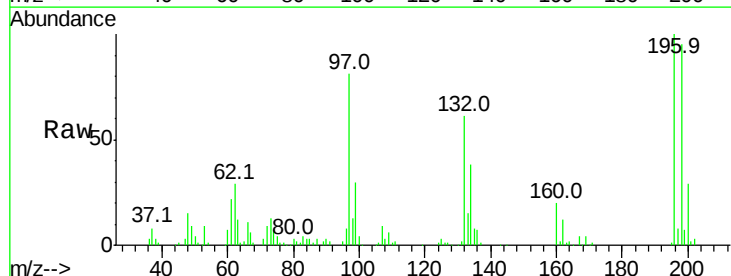


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

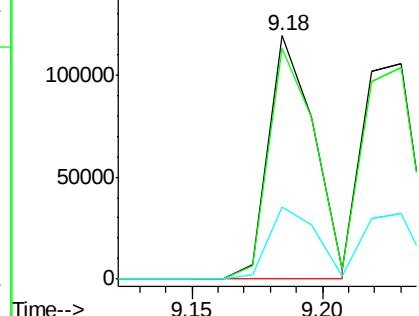
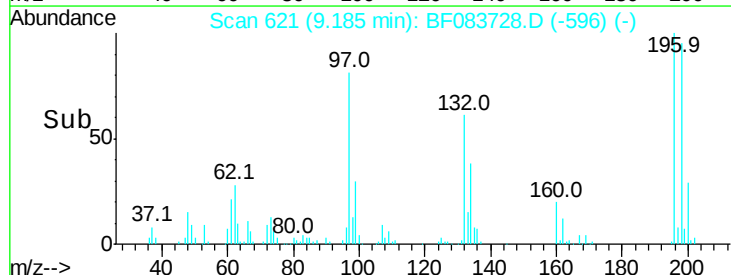


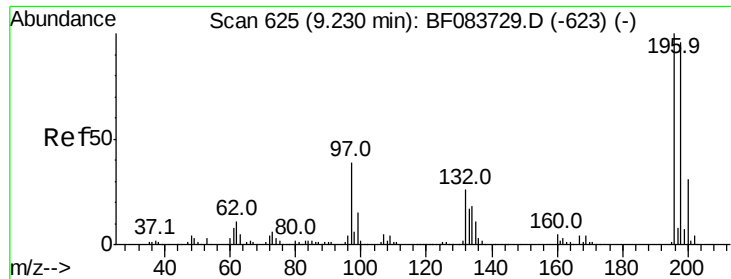
#42
 2,4,6-Trichlorophenol
 Concen: 25.04 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.8	116.6
200	29.5	25.6	38.4



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

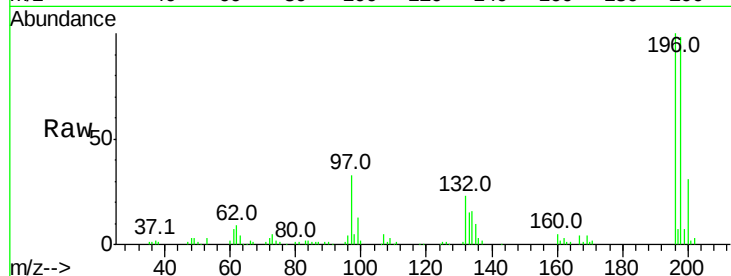




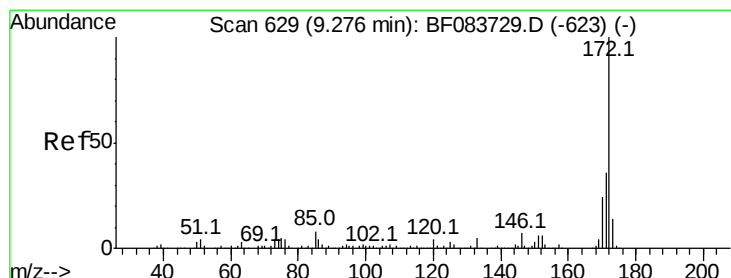
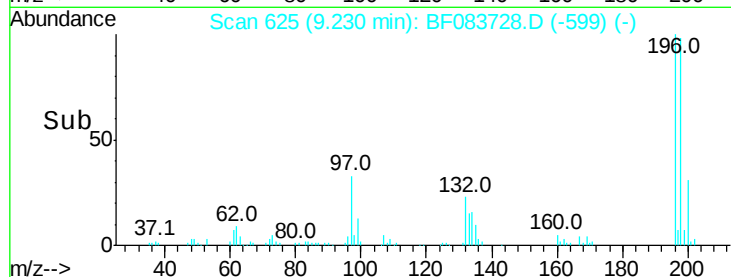
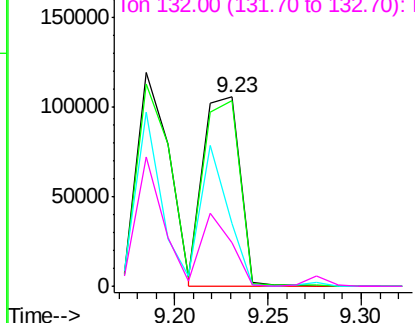
#43
 2,4,5-Trichlorophenol
 Concen: 25.35 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	144625
Ion	Ratio	Lower	Upper
196	100		
198	98.4	77.1	115.7
97	33.1	32.8	49.2
132	23.0	21.3	31.9

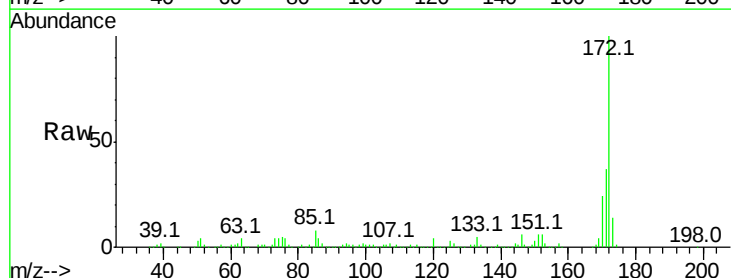


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

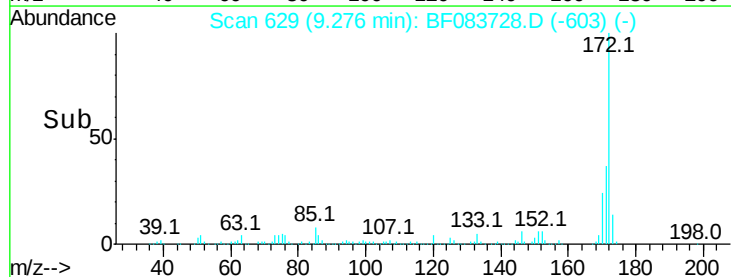
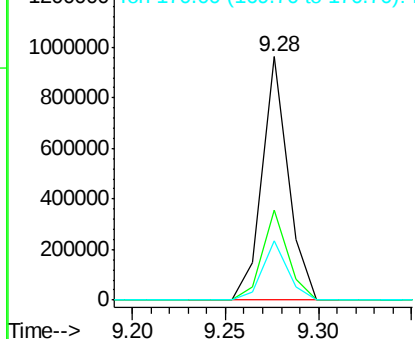


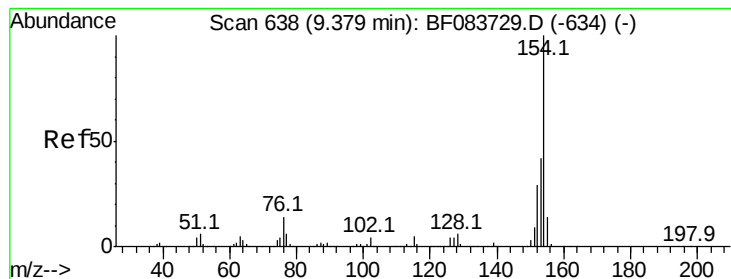
#44
 2-Fluorobiphenyl
 Concen: 49.85 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:	172	Resp:	926228
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	24.4	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 28.44 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

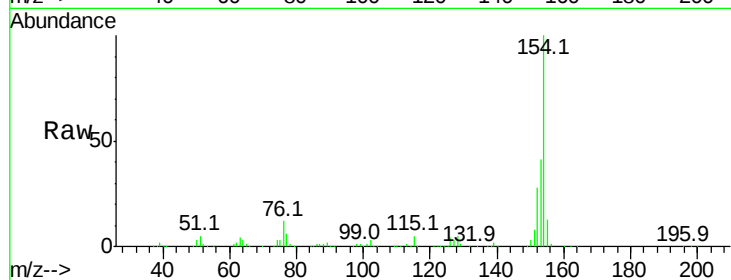
Tot Ion:154 Resp: 667809

Ion Ratio Lower Upper

154 100

153 41.1 21.9 61.9

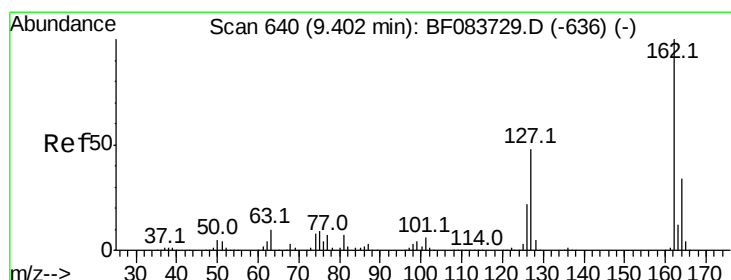
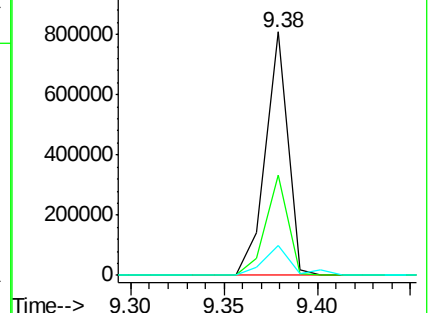
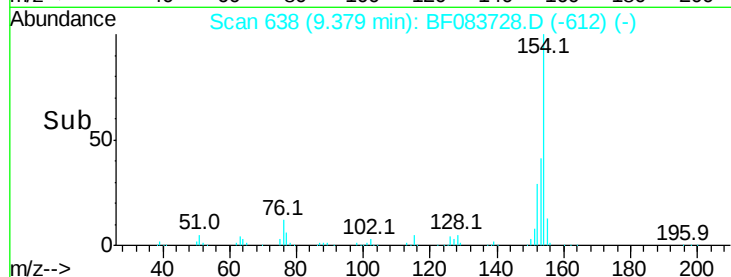
76 12.4 0.0 33.9



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: 26.99 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

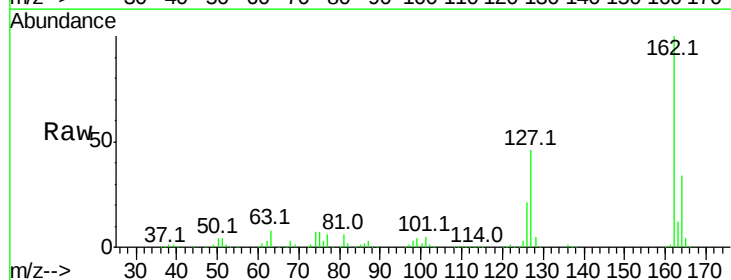
Tgt Ion:162 Resp: 476406

Ion Ratio Lower Upper

162 100

127 45.9 38.8 58.2

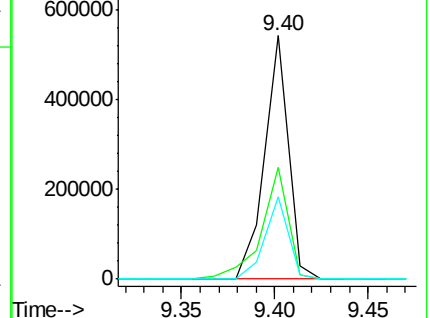
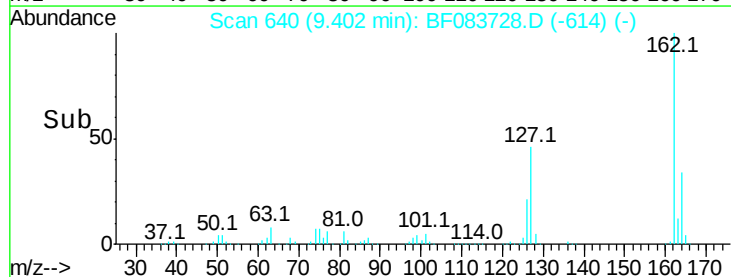
164 33.7 26.9 40.3

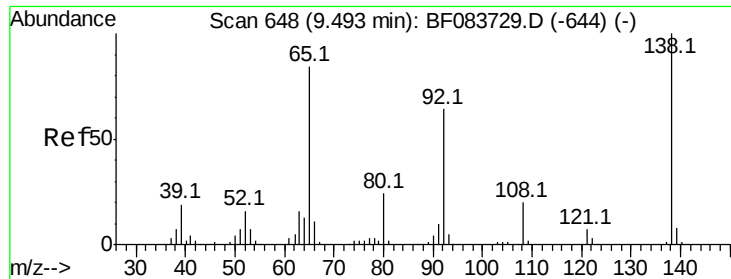


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

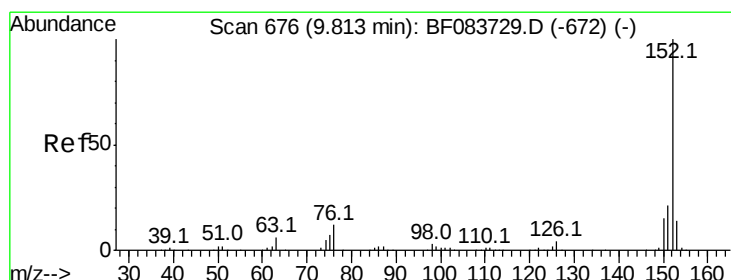
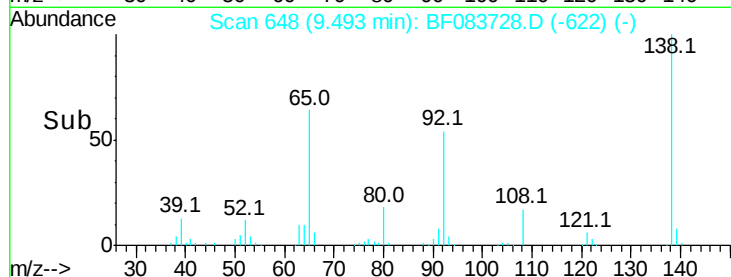
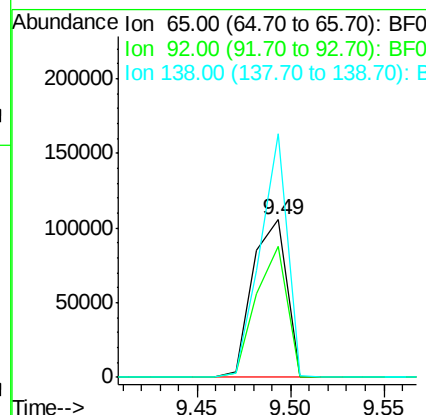
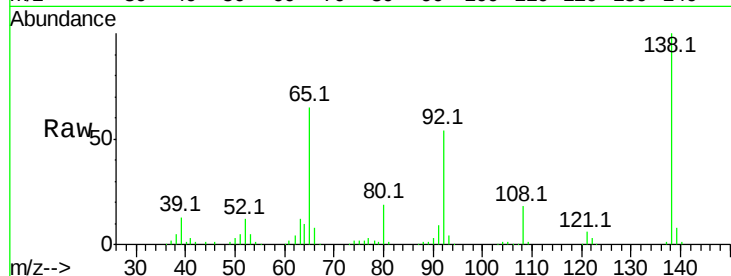




#47
 2-Nitroaniline
 Concen: 28.58 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

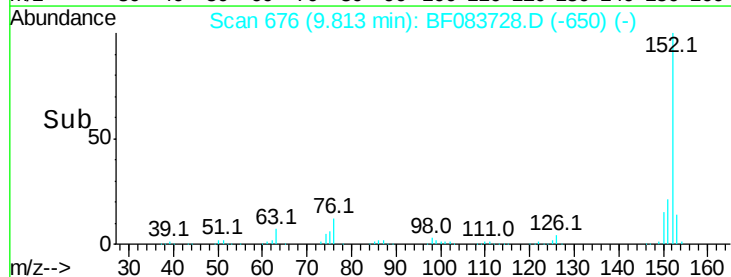
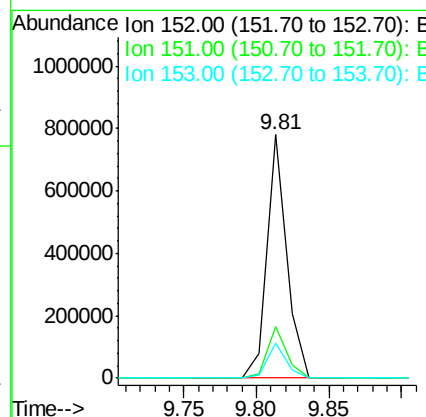
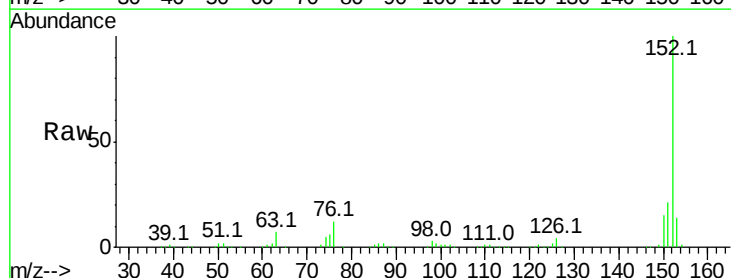
Instrument :
 BNA_F
 ClientSampleID :

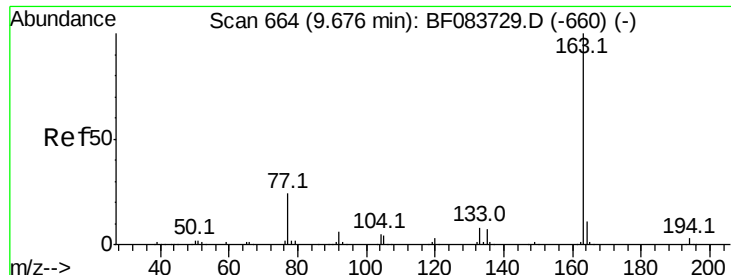
Tot Ion: 65 Resp: 134187
 Ion Ratio Lower Upper
 65 100
 92 83.0 61.1 91.7
 138 154.5 95.0 142.4#



#48
 Acenaphthylene
 Concen: 24.85 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:152 Resp: 733498
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.5 24.7
 153 14.1 11.1 16.7





#49

Dimethylphthalate

Concen: 27.34 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

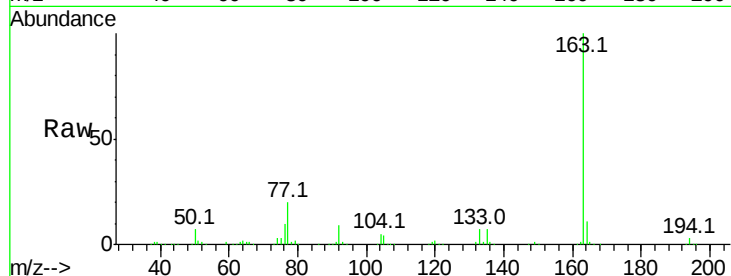
Tot Ion:163 Resp: 565188

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

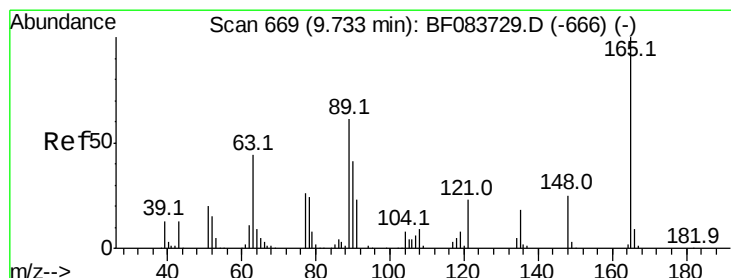
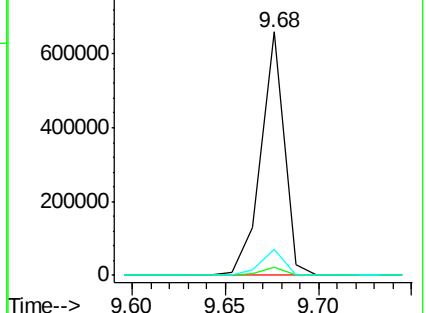
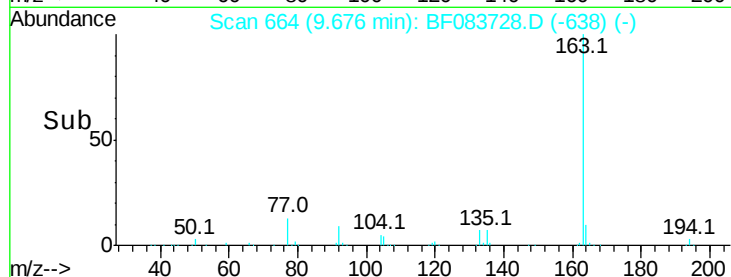
164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.10 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

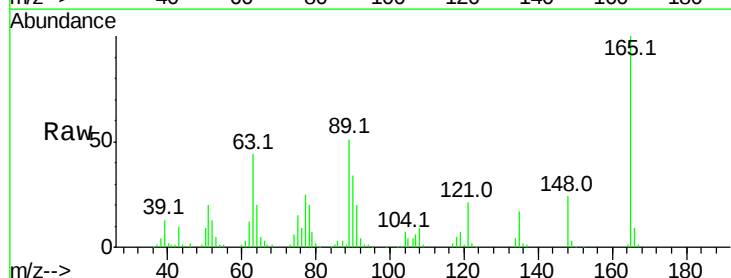
Tgt Ion:165 Resp: 126757

Ion Ratio Lower Upper

165 100

63 44.4 47.9 71.9#

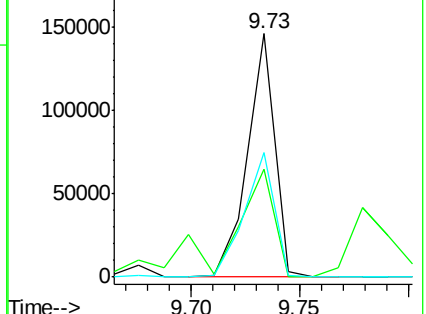
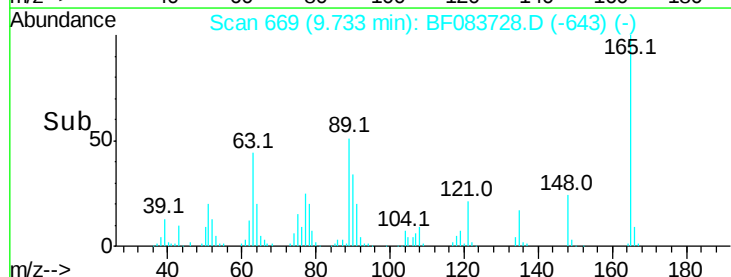
89 51.1 49.0 73.6

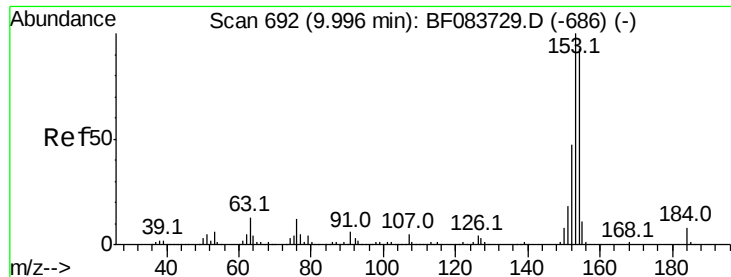


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.29 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

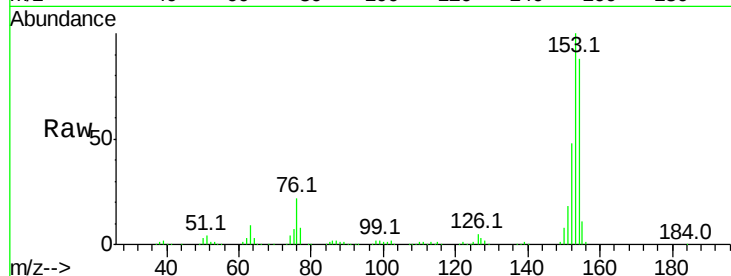
Tot Ion:154 Resp: 446773

Ion Ratio Lower Upper

154 100

153 113.7 85.8 128.8

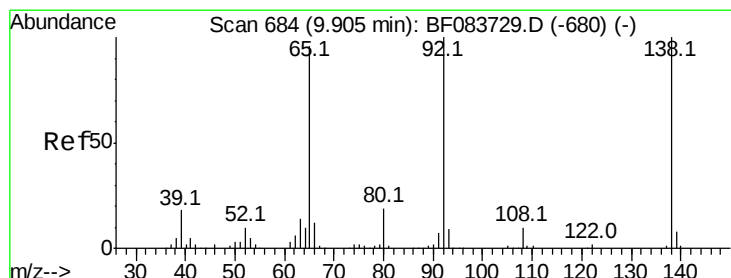
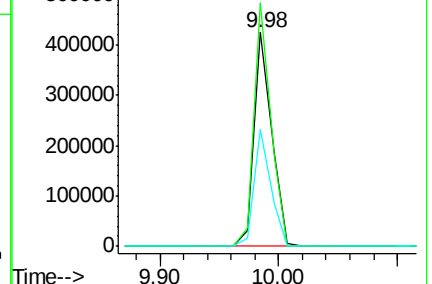
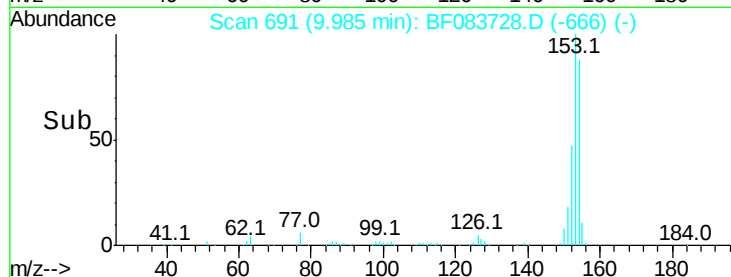
152 54.5 40.6 61.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.73 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

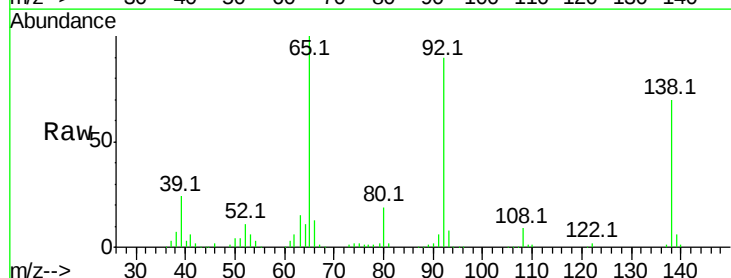
Tgt Ion:138 Resp: 118980

Ion Ratio Lower Upper

138 100

108 12.9 8.4 12.6#

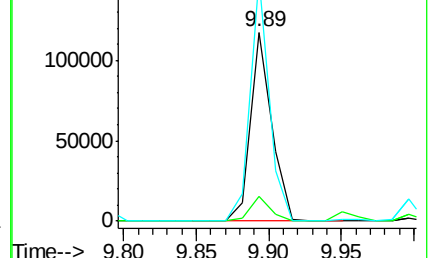
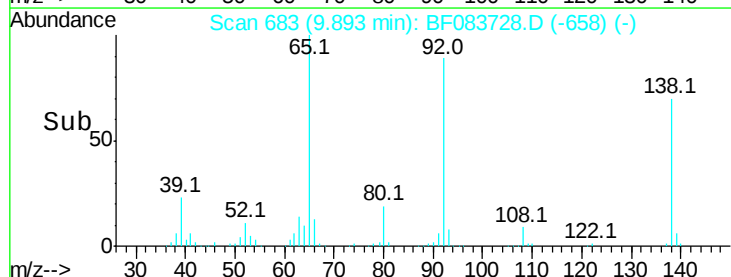
92 129.1 80.2 120.2#

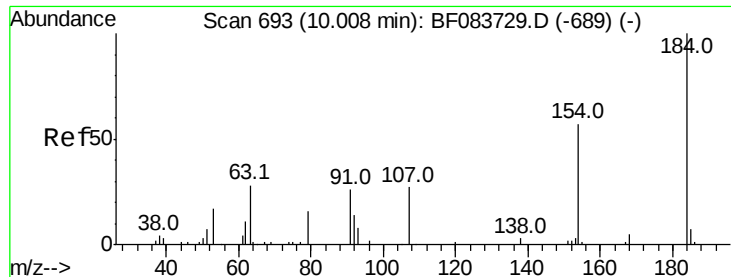


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

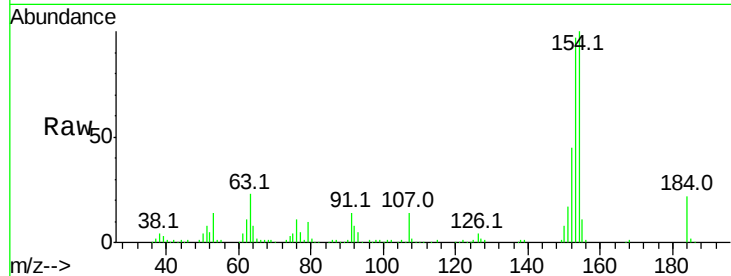




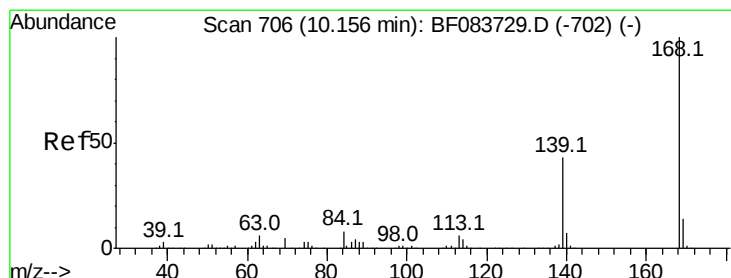
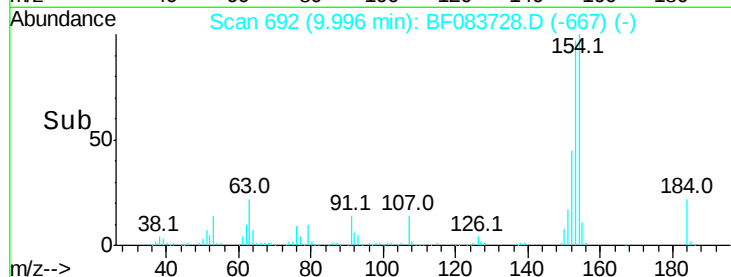
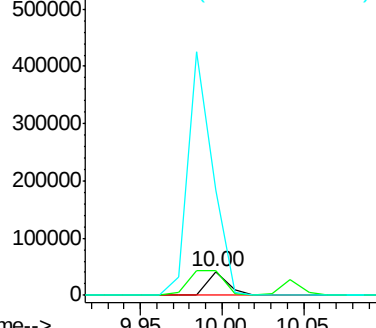
#53
 2,4-Dinitrophenol
 Concen: 32.95 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 36550
 Ion Ratio Lower Upper
 184 100
 63 103.8 23.4 35.0#
 154 449.3 46.7 70.1#

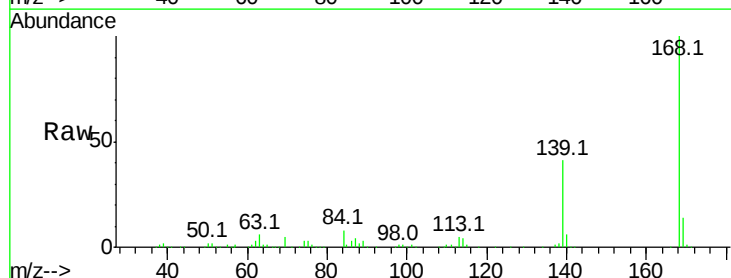


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

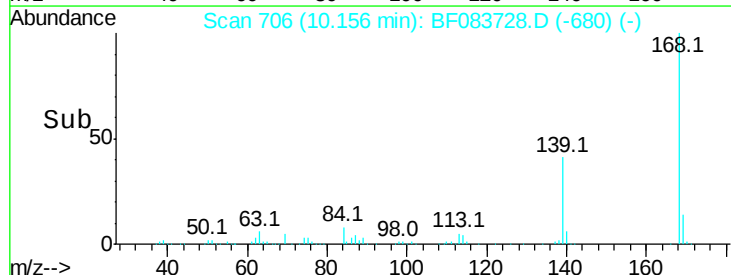
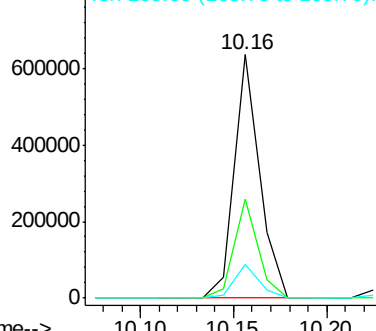


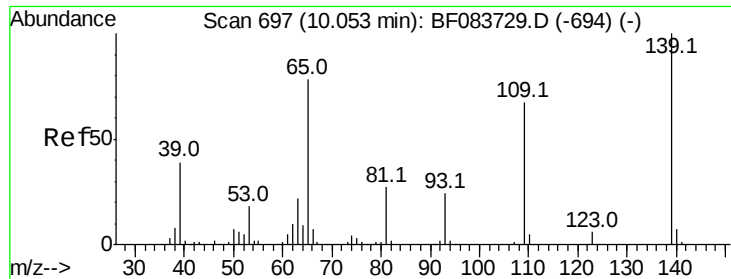
#54
 Dibenzofuran
 Concen: 25.33 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:168 Resp: 589712
 Ion Ratio Lower Upper
 168 100
 139 40.6 34.4 51.6
 169 14.1 11.3 16.9



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

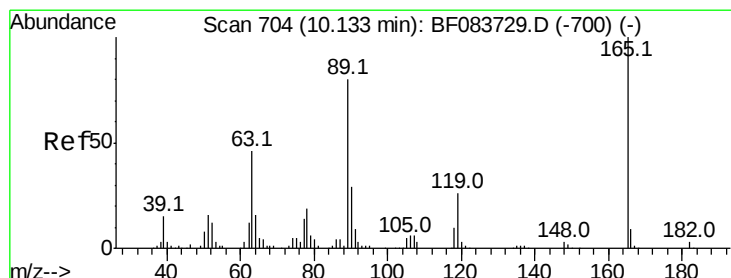
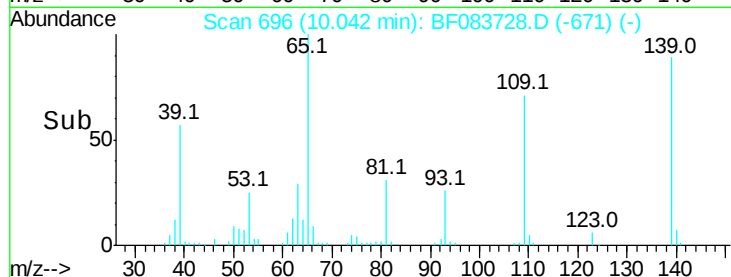
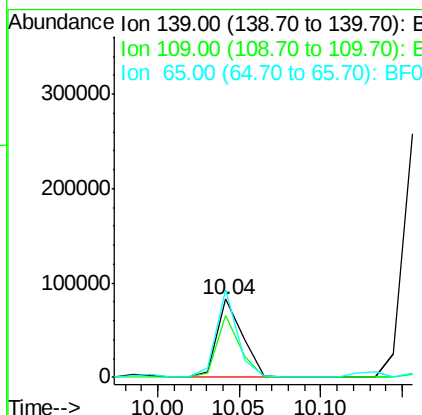
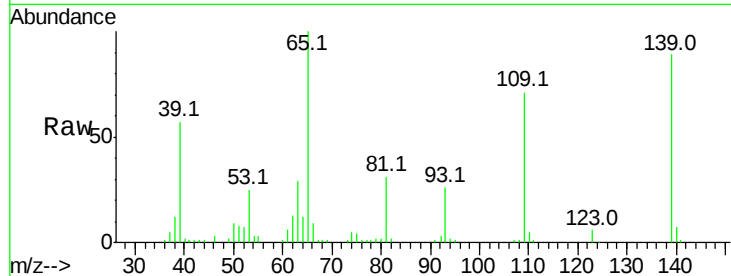




#55
4-Nitrophenol
Concen: 22.62 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

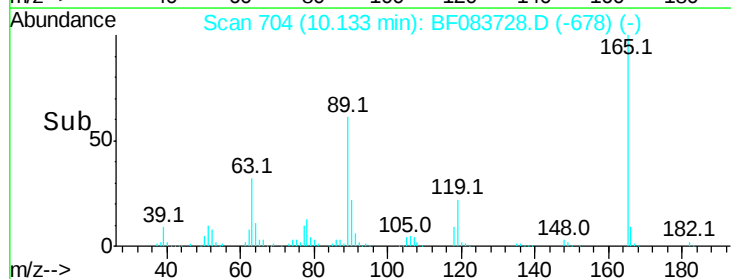
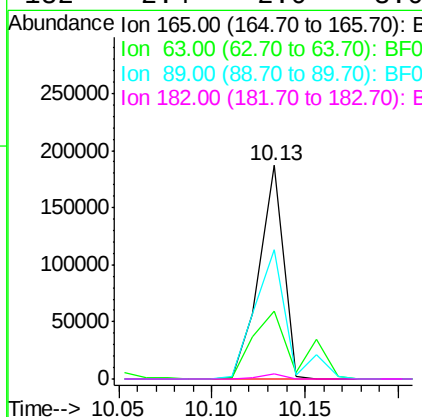
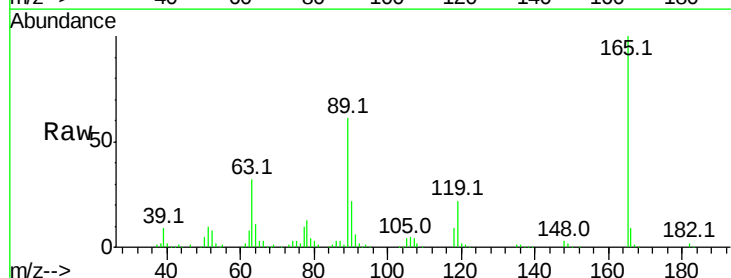
Instrument :
BNA_F
ClientSampleId :

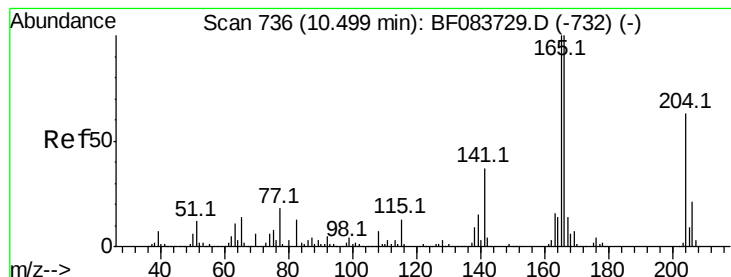
Tot Ion:139 Resp: 90536
Ion Ratio Lower Upper
139 100
109 79.0 47.4 87.4
65 112.0 58.0 98.0#



#56
2,4-Dinitrotoluene
Concen: 32.49 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:165 Resp: 169660
Ion Ratio Lower Upper
165 100
63 31.6 36.8 55.2#
89 60.6 63.8 95.8#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 26.13 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

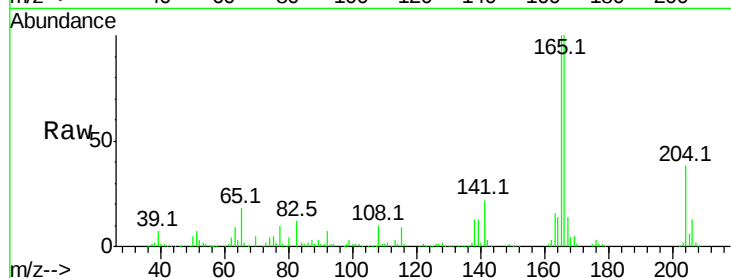
Tot Ion:166 Resp: 477076

Ion Ratio Lower Upper

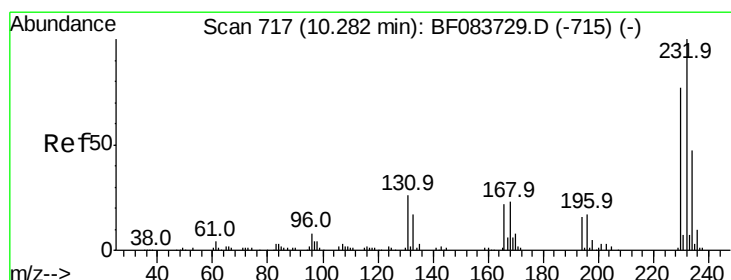
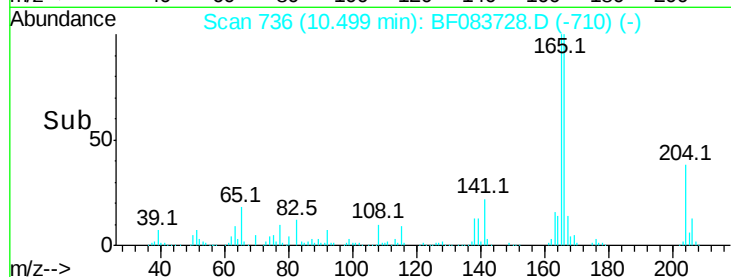
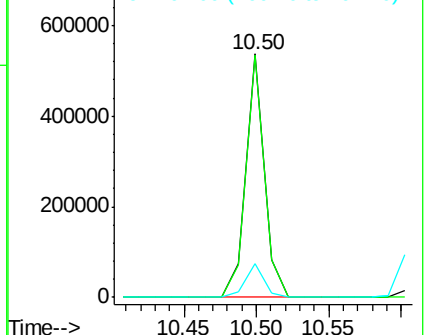
166 100

165 99.7 79.7 119.5

167 13.9 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.08 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Tgt Ion:232 Resp: 103407

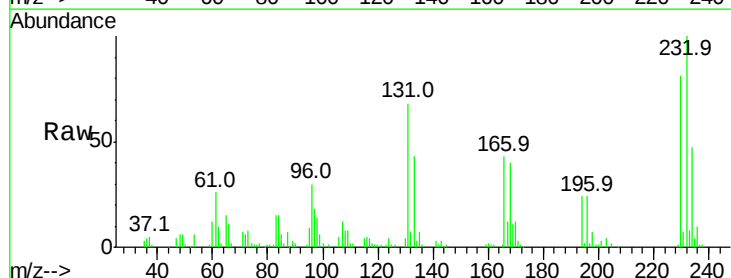
Ion Ratio Lower Upper

232 100

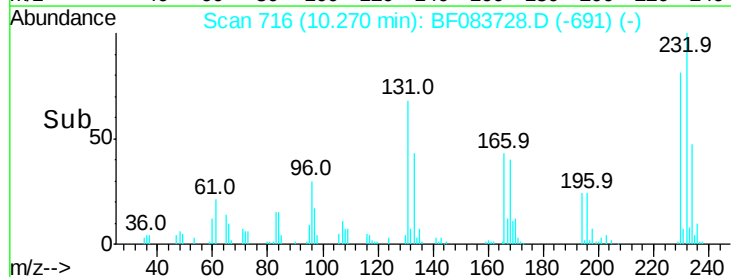
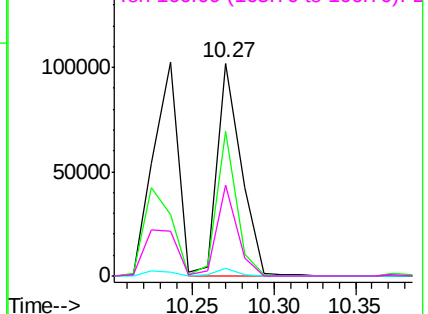
131 56.6 43.0 64.6

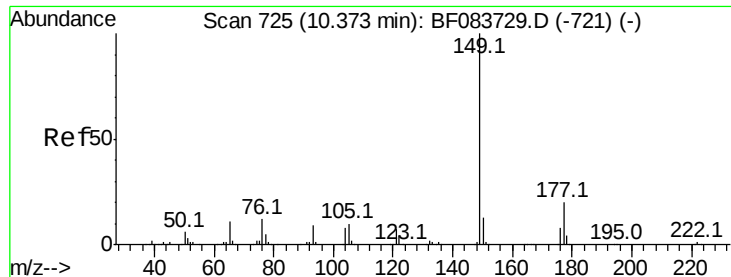
130 3.0 2.0 3.0

166 36.3 27.8 41.6



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

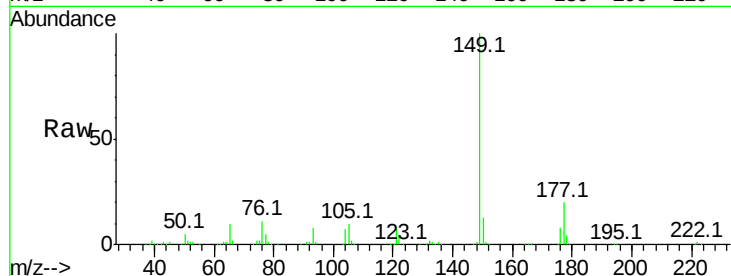




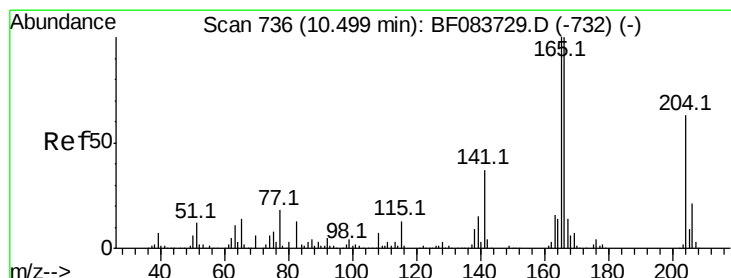
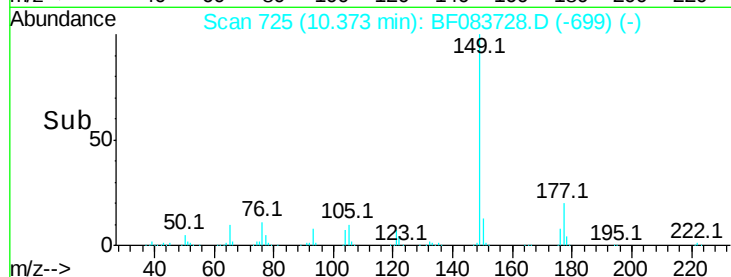
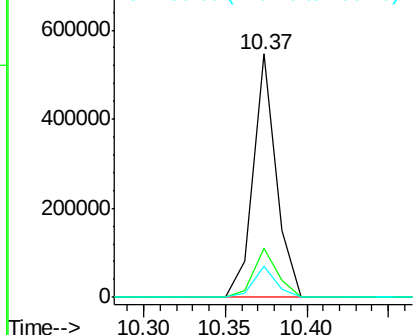
#59
Diethylphthalate
Concen: 26.93 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 535173
Ion Ratio Lower Upper
149 100
177 20.3 15.7 23.5
150 13.0 10.6 15.8

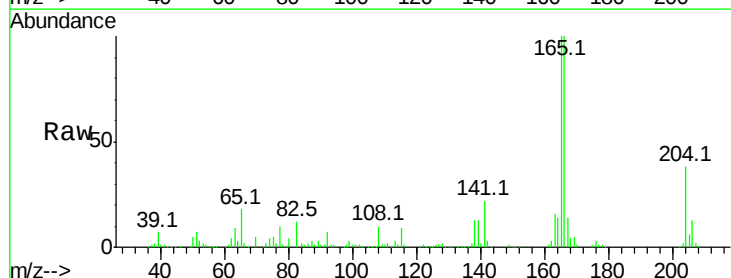


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

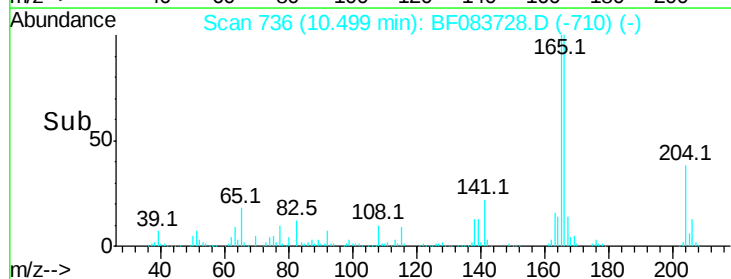
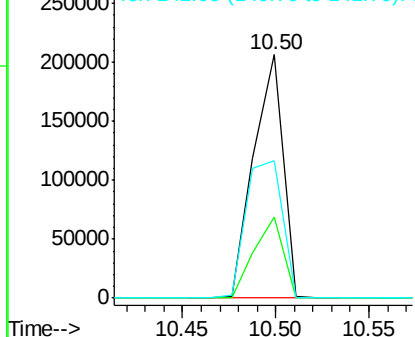


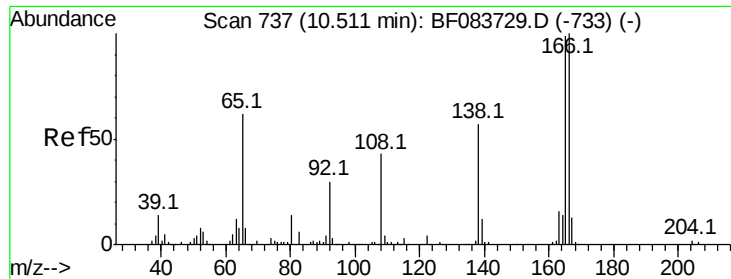
#60
4-Chlorophenyl-phenylether
Concen: 25.42 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:204 Resp: 225392
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 56.4 47.5 71.3



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

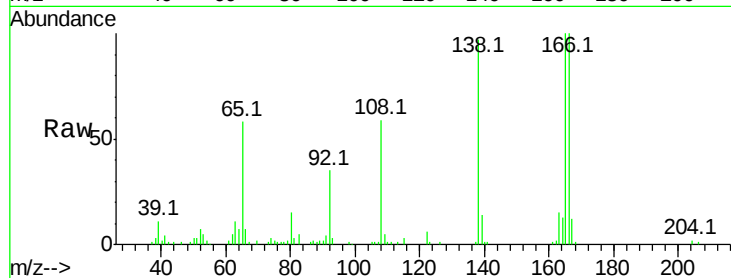




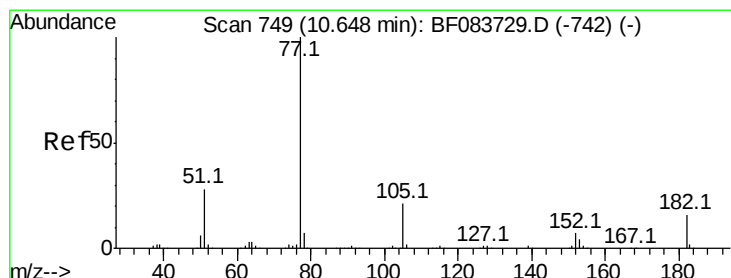
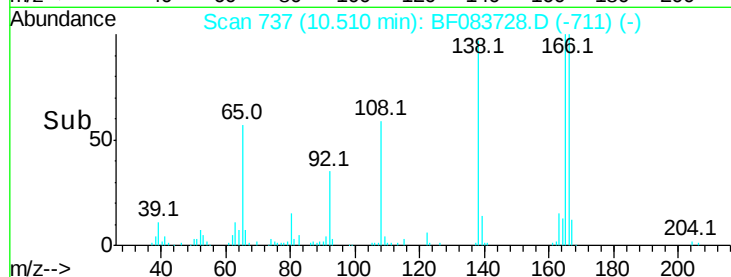
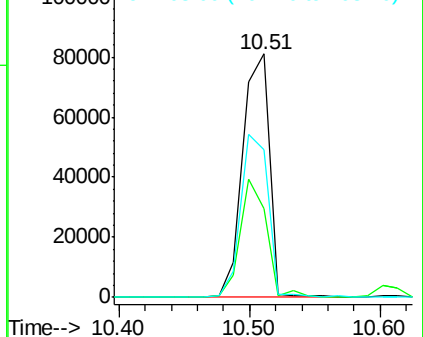
#61
4-Nitroaniline
Concen: 26.67 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 115098
Ion Ratio Lower Upper
138 100
92 36.3 32.0 72.0
108 60.9 54.3 94.3

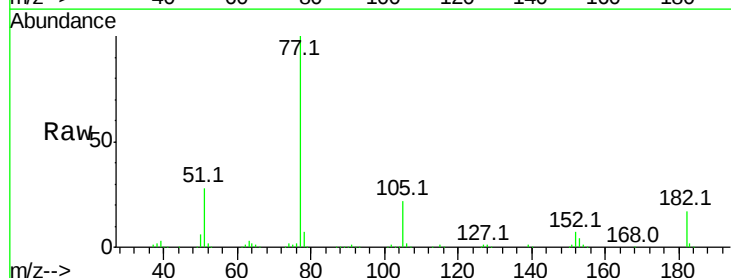


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

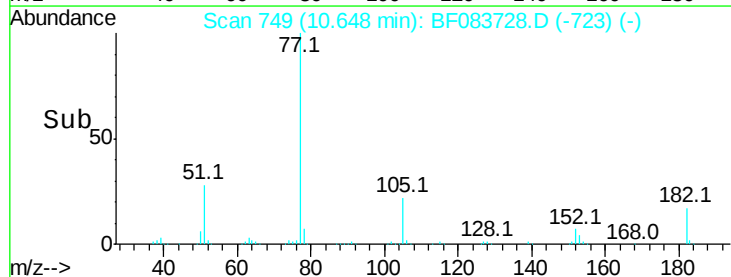
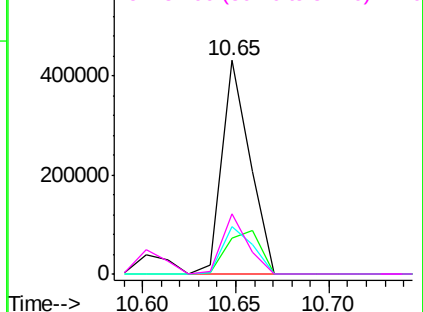


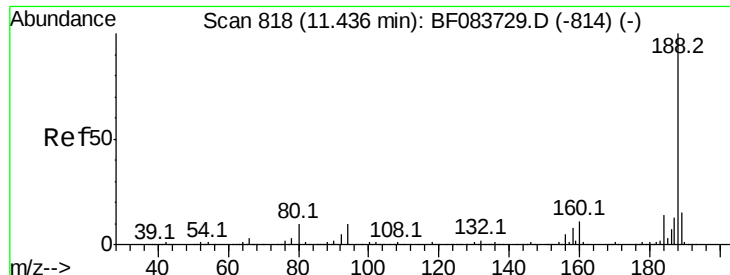
#62
Azobenzene
Concen: 23.69 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion: 77 Resp: 452073
Ion Ratio Lower Upper
77 100
182 16.8 0.0 35.6
105 22.0 1.4 41.4
51 28.5 8.2 48.2



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

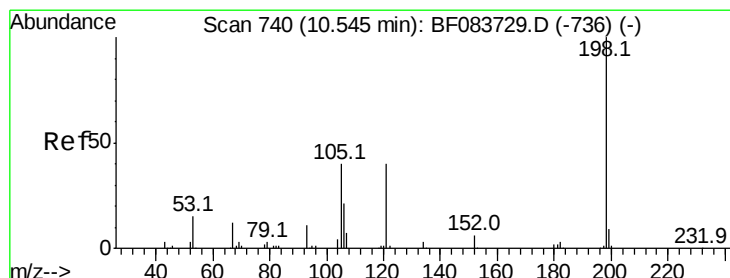
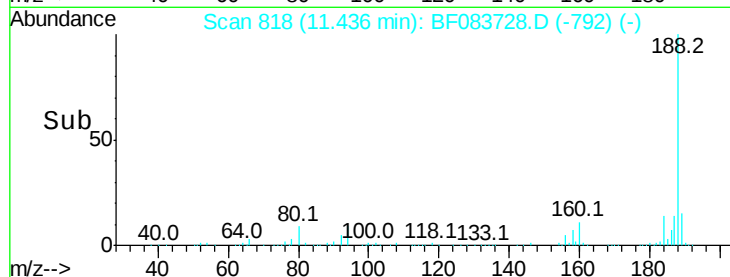
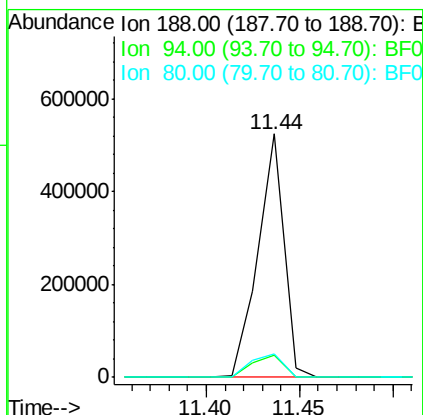
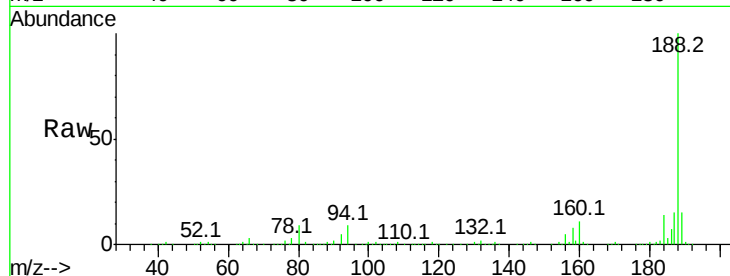




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

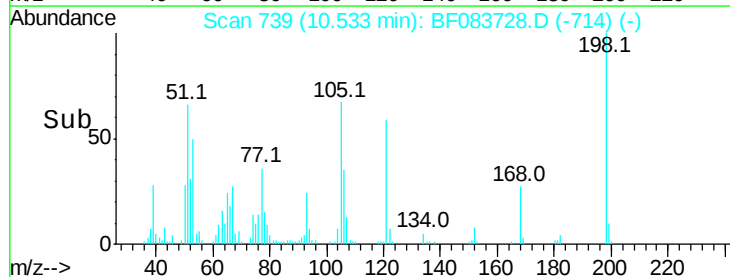
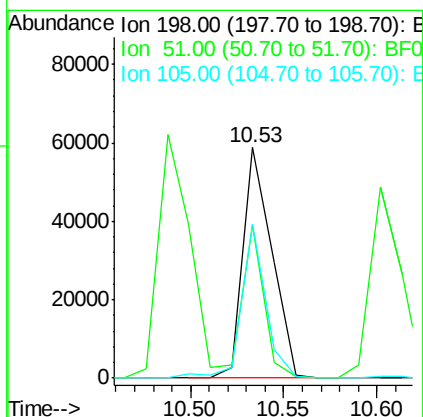
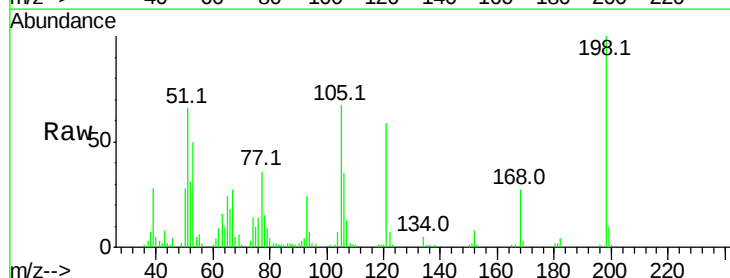
Instrument :
BNA_F
ClientSampleId :

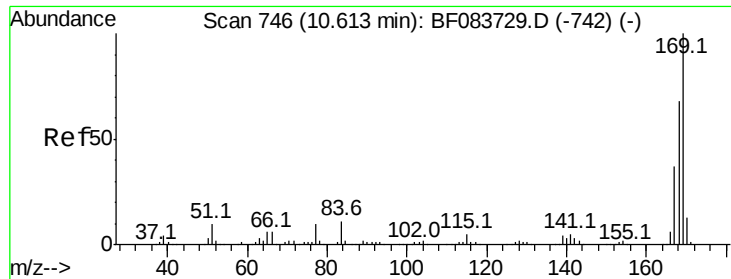
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.6	11.4
80	9.5	8.3	12.5



#64
4,6-Dinitro-2-methylphenol
Concen: 33.73 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.2	9.0	49.0#
105	66.9	20.7	60.7#

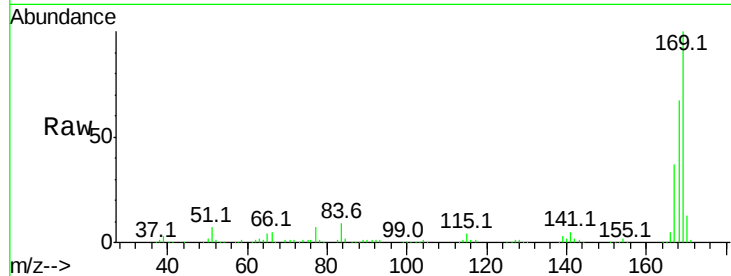




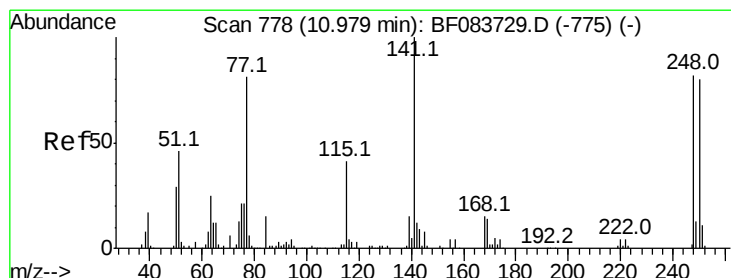
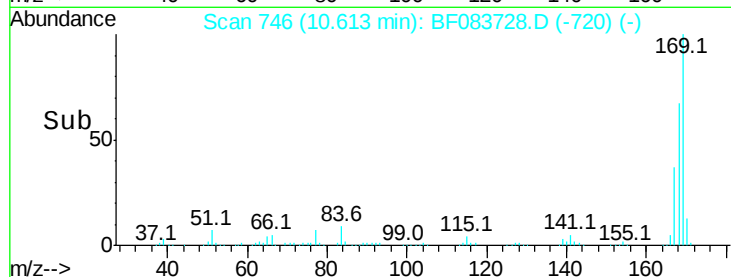
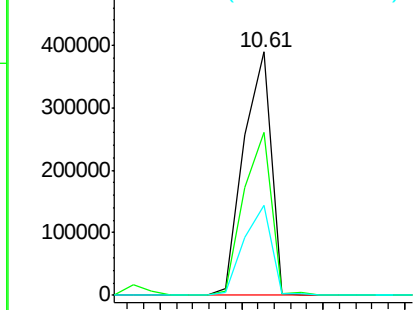
#65
 n-Nitrosodiphenylamine
 Concen: 26.54 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 452832
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.6 82.0
 167 36.7 30.0 45.0

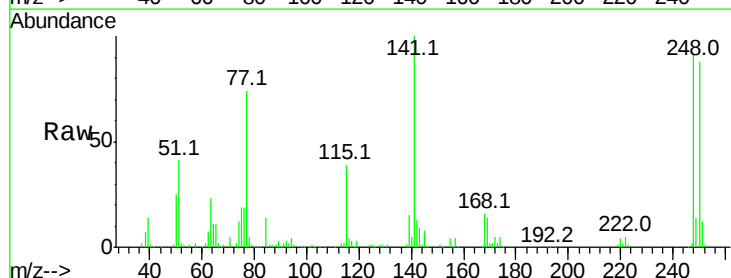


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

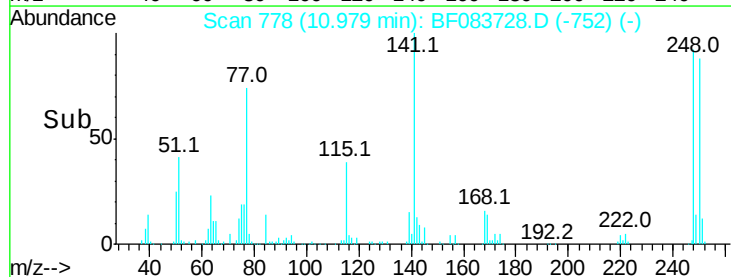
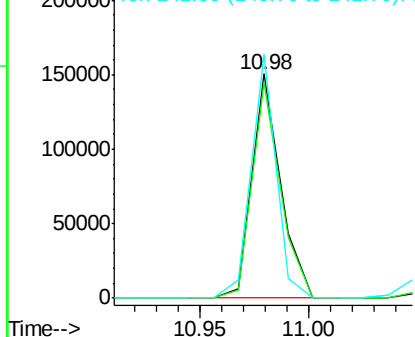


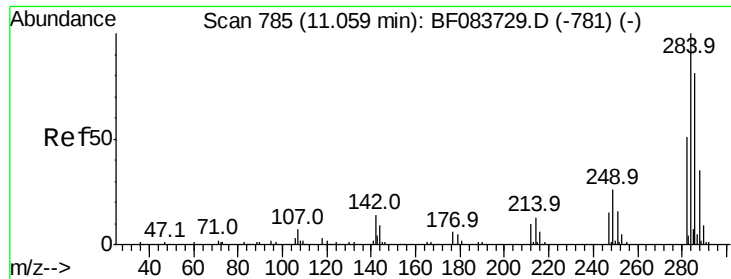
#66
 4-Bromophenyl-phenylether
 Concen: 25.24 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:248 Resp: 137126
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.4 116.2
 141 108.8 97.1 145.7



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

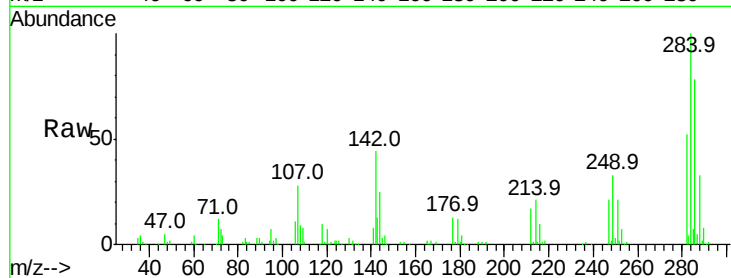




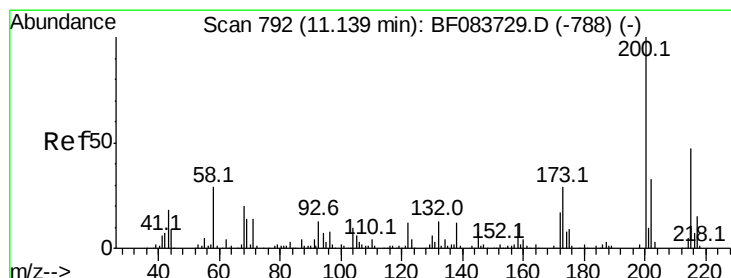
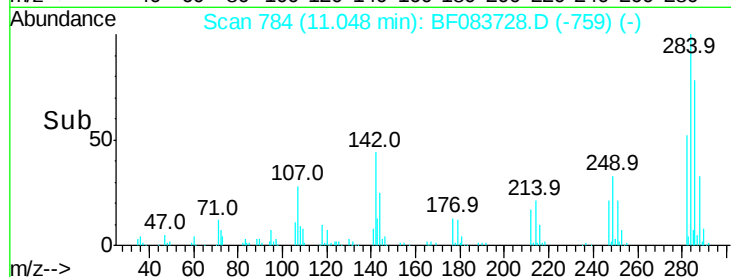
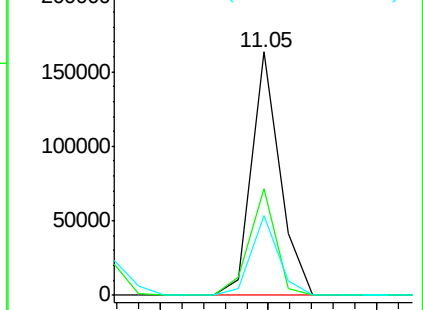
#67
Hexachlorobenzene
Concen: 25.01 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 147652
Ion Ratio Lower Upper
284 100
142 43.9 11.1 16.7#
249 32.6 20.6 30.8#

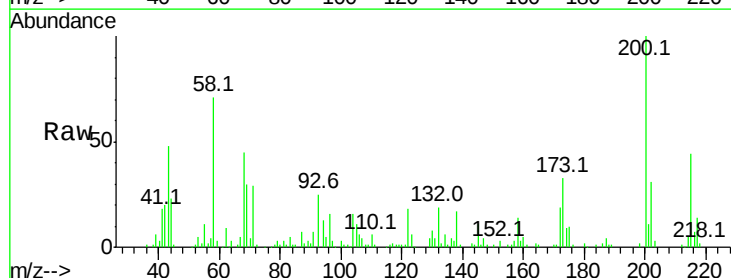


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

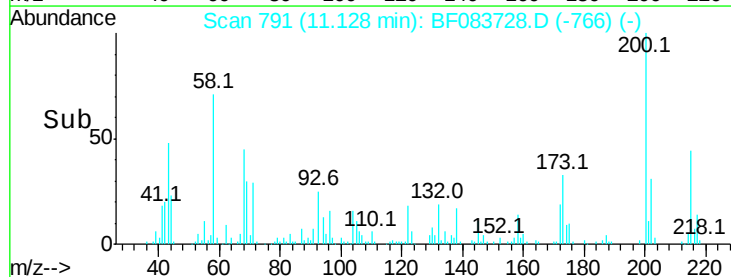
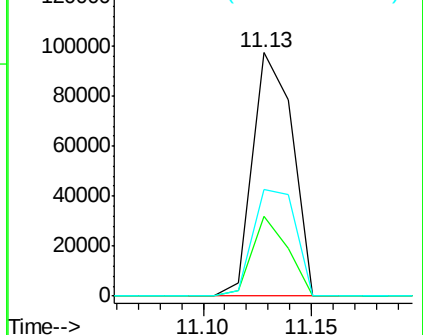


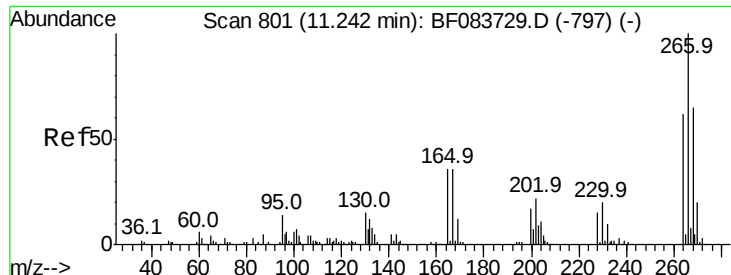
#68
Atrazine
Concen: 25.22 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:200 Resp: 124527
Ion Ratio Lower Upper
200 100
173 33.0 8.5 48.5
215 43.9 26.9 66.9



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

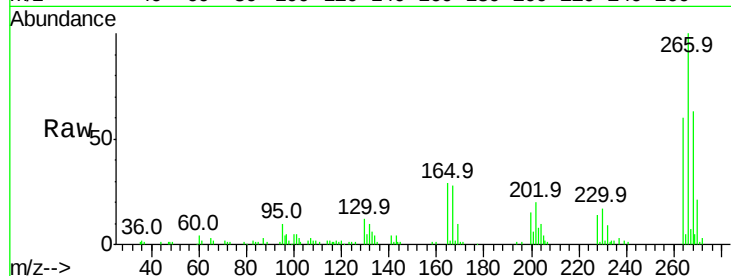




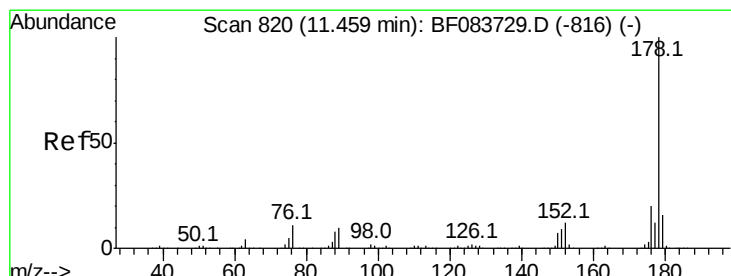
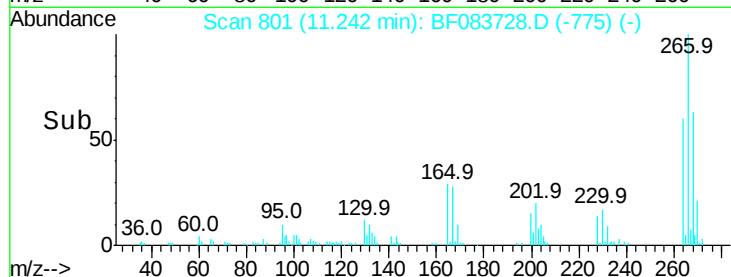
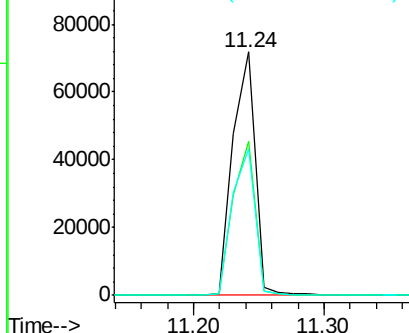
#69
 Pentachlorophenol
 Concen: 25.51 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.8	77.8
264	60.3	49.4	74.2

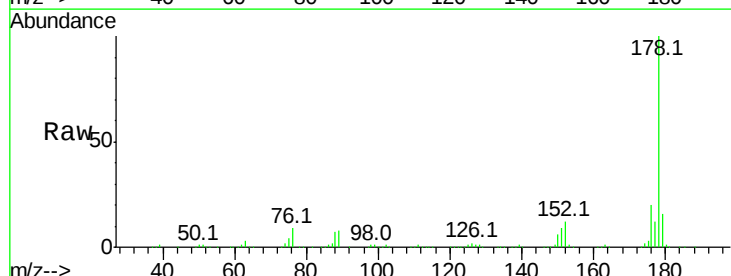


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

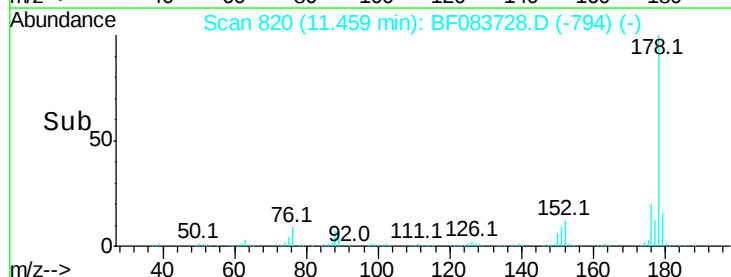
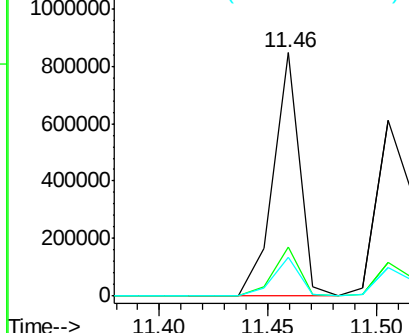


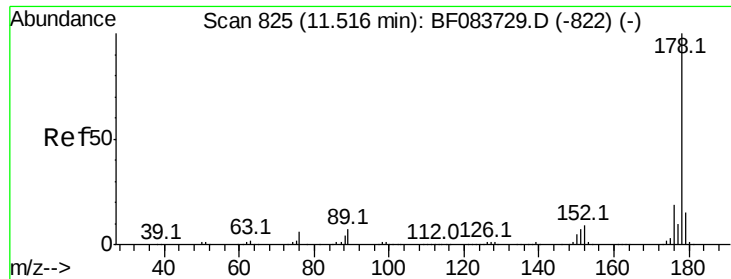
#70
 Phenanthrene
 Concen: 26.51 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.9	12.9	19.3



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

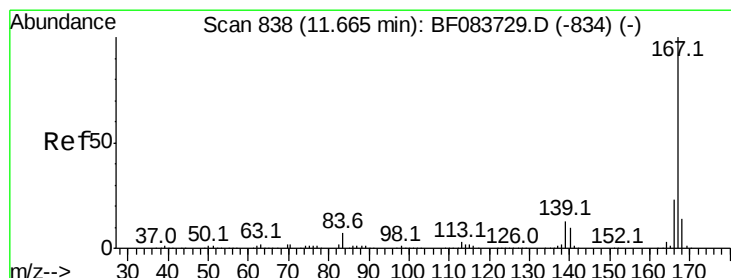
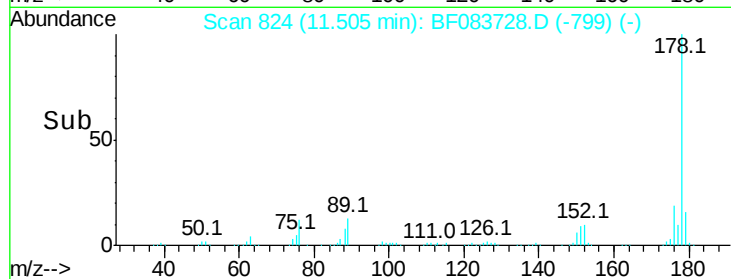
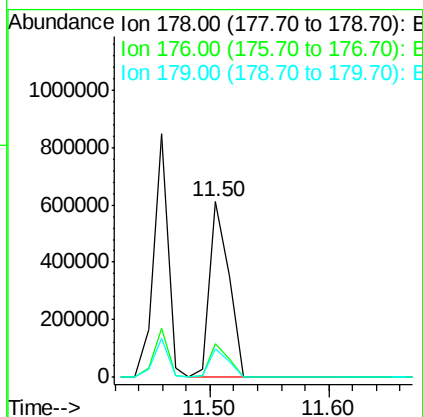
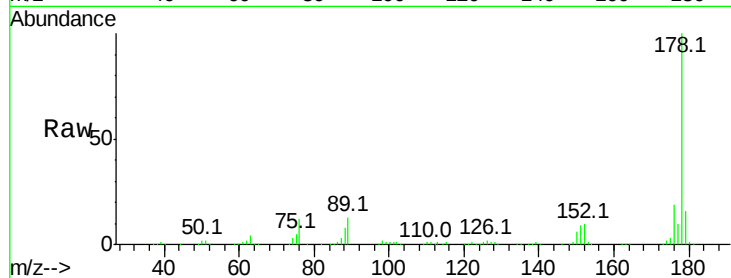




#71
 Anthracene
 Concen: 23.72 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

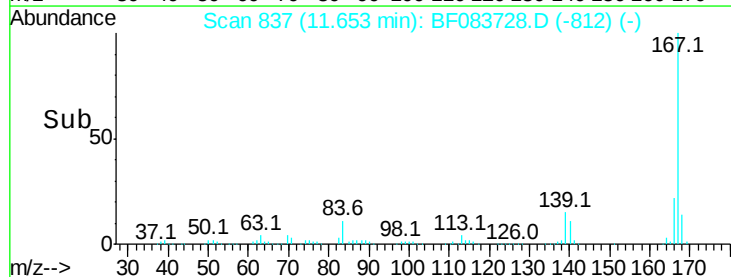
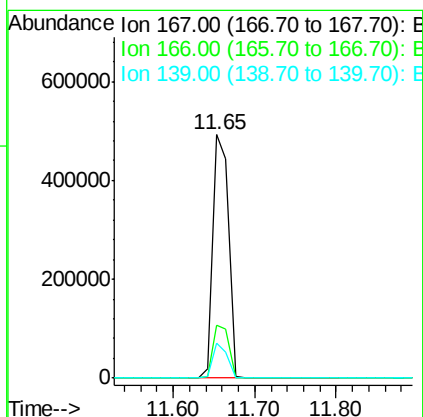
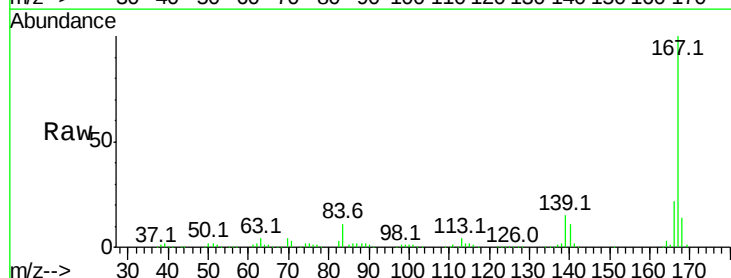
Instrument :
 BNA_F
 ClientSampleId :

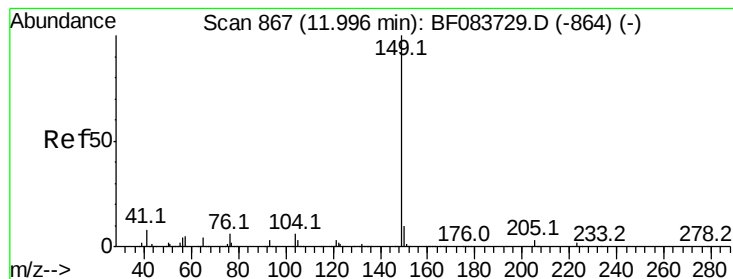
Tot Ion:178 Resp: 681568
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 16.1 12.3 18.5



#72
 Carbazole
 Concen: 24.80 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:167 Resp: 661243
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 14.5 10.2 15.4





#73

Di-n-butylphthalate

Concen: 27.64 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

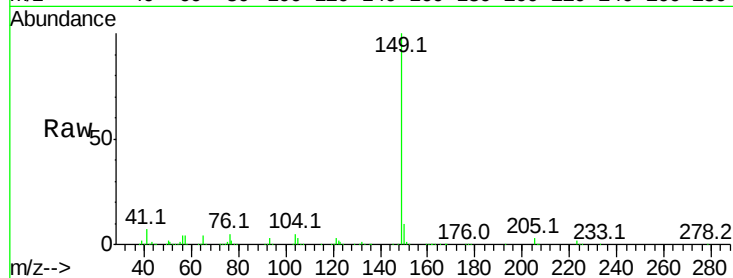
Tot Ion:149 Resp: 793239

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

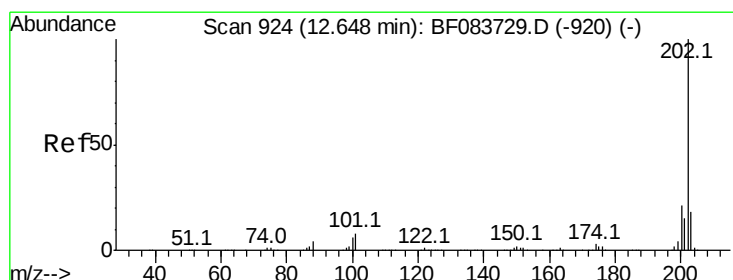
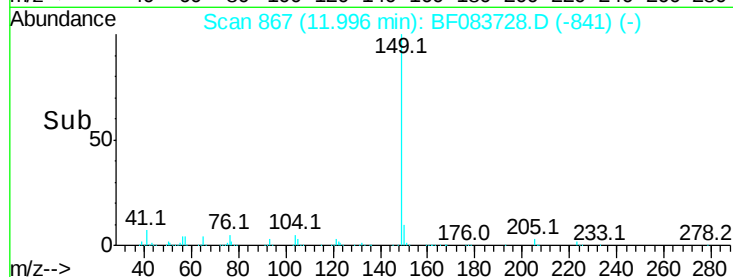
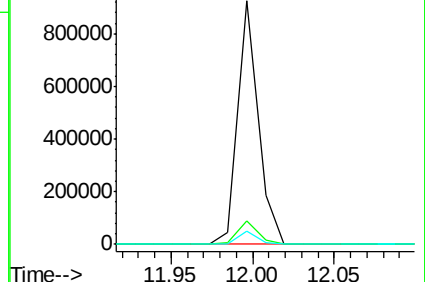
104 5.3 4.6 6.8



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: 23.84 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

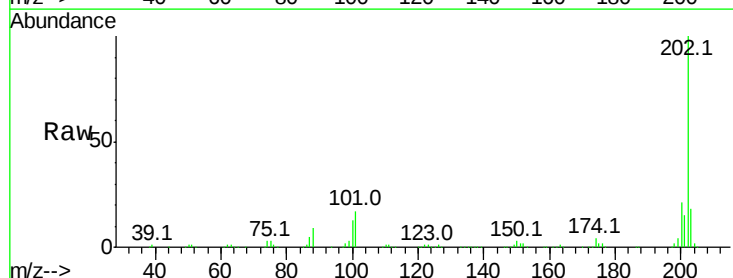
Tgt Ion:202 Resp: 696954

Ion Ratio Lower Upper

202 100

101 16.9 0.0 28.2

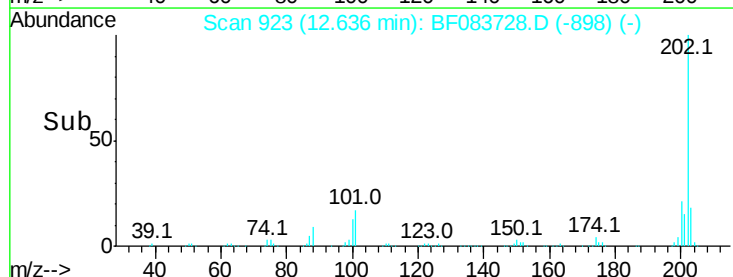
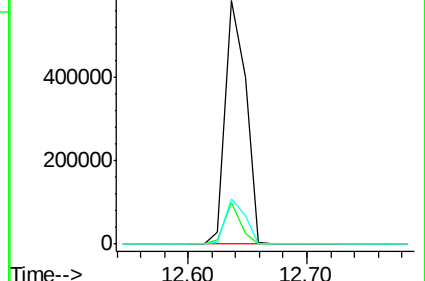
203 18.5 0.0 37.6

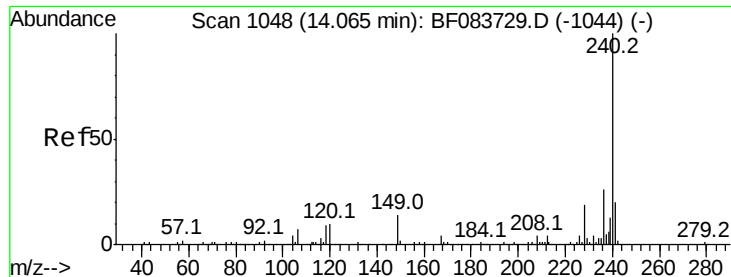


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampled :

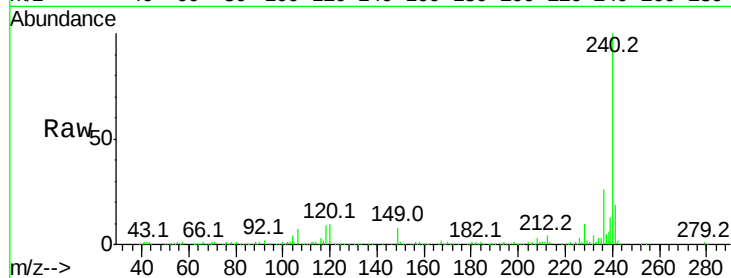
Tot Ion:240 Resp: 355860

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

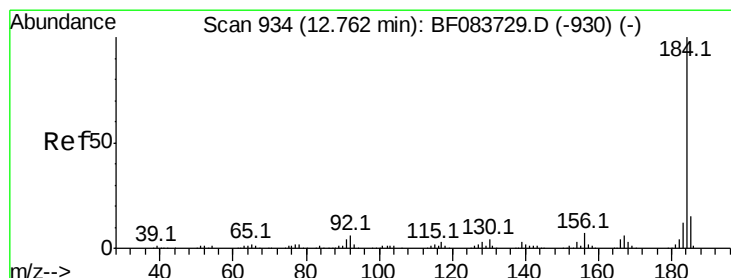
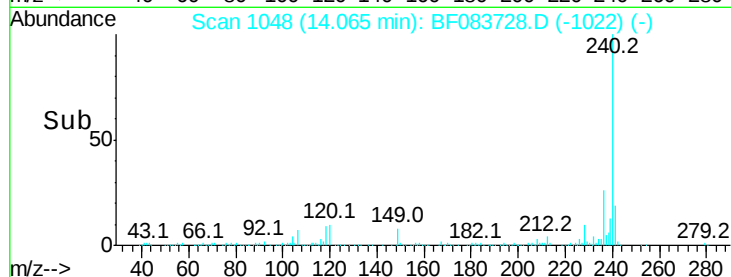
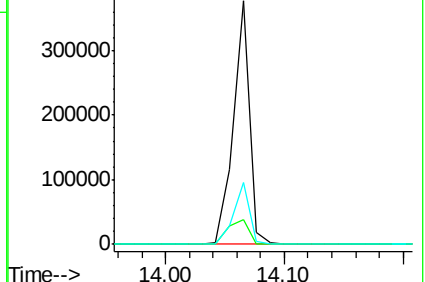
236 25.5 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.30 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

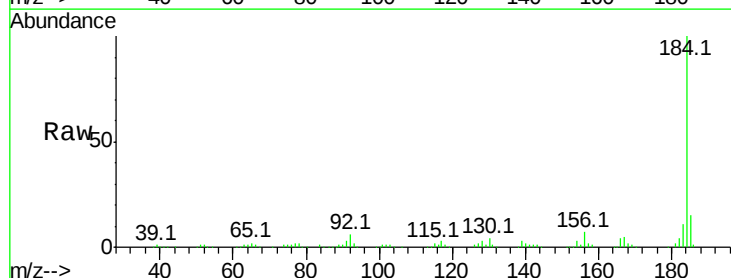
Tgt Ion:184 Resp: 300460

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

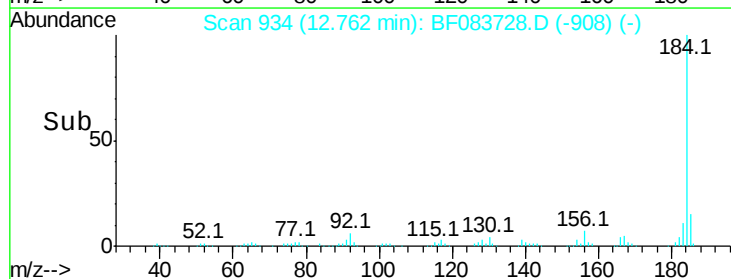
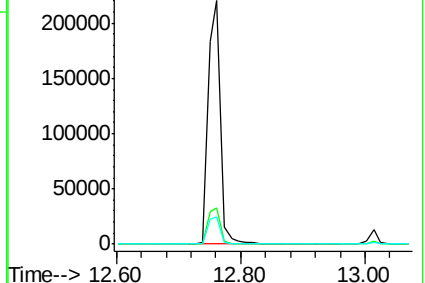
183 11.3 9.5 14.3

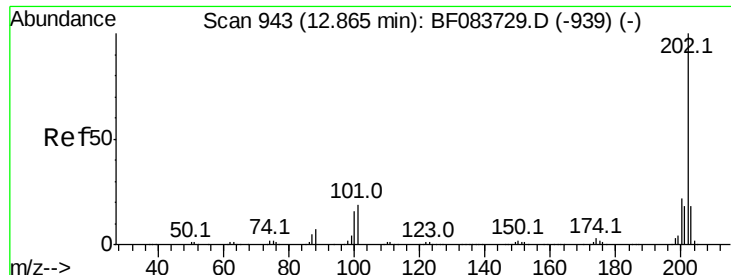


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

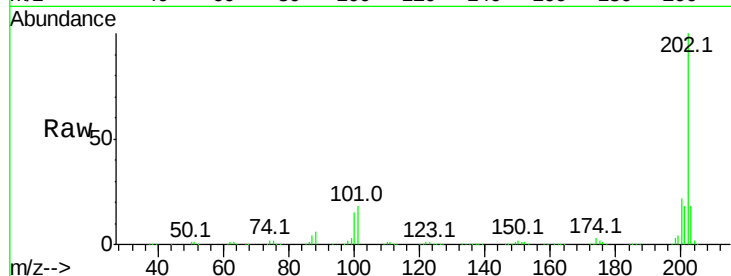




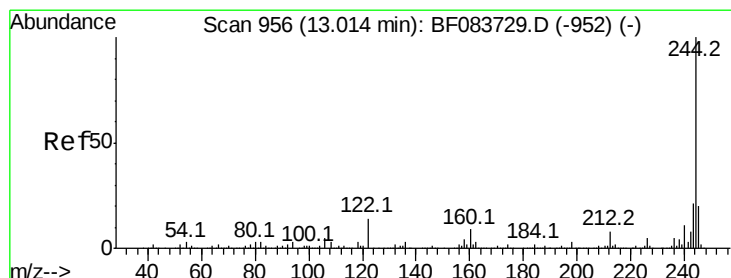
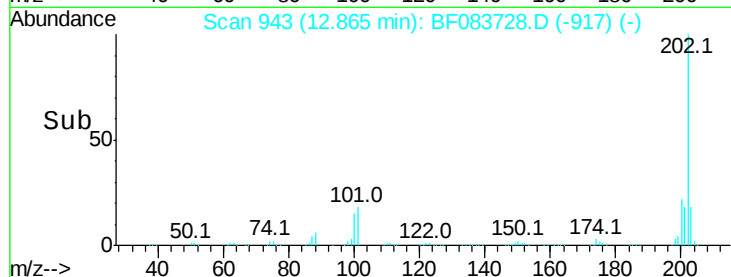
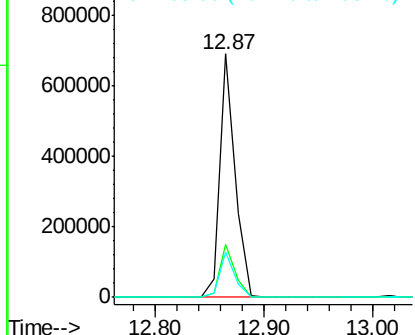
#77
Pvrene
Concen: 23.87 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 676440
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.3 14.7 22.1

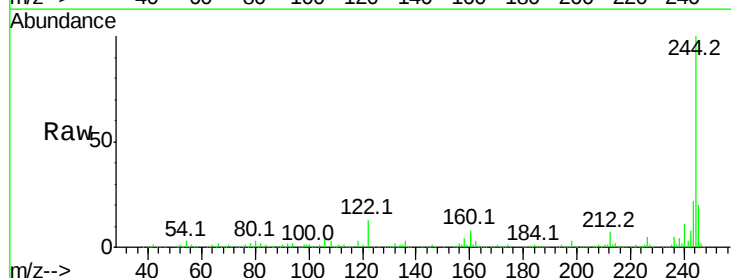


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

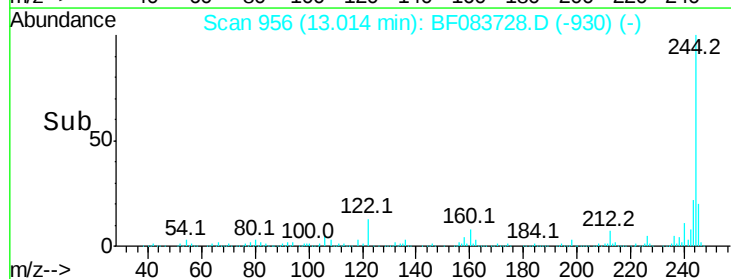
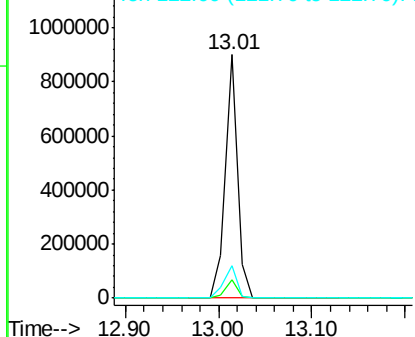


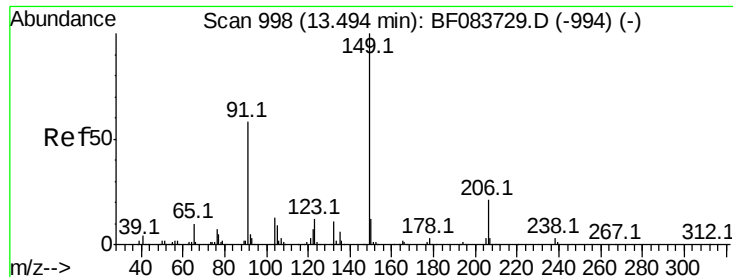
#78
Terphenyl-d14
Concen: 51.35 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF083728.D
Acq: 13 Dec 2015 14:46

Tgt Ion:244 Resp: 814956
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 13.4 11.6 17.4



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: 32.54 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

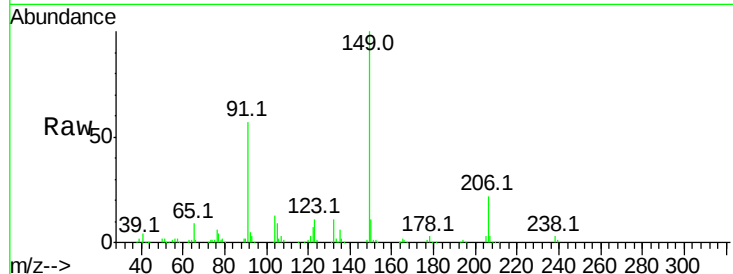
Tot Ion:149 Resp: 311188

Ion Ratio Lower Upper

149 100

91 57.2 46.6 70.0

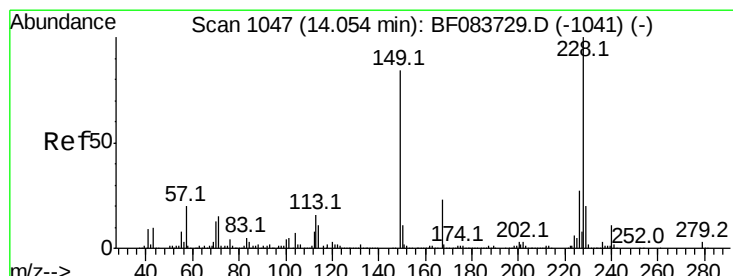
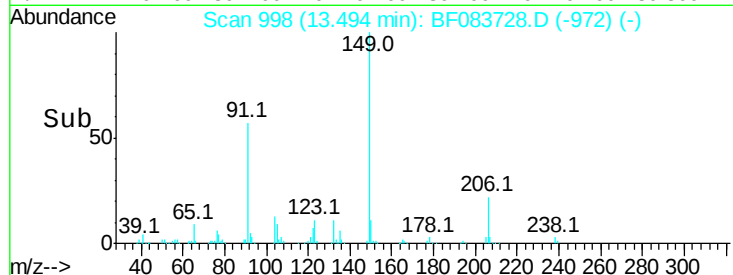
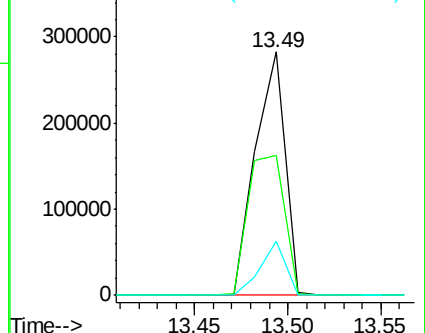
206 22.2 16.5 24.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.11 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

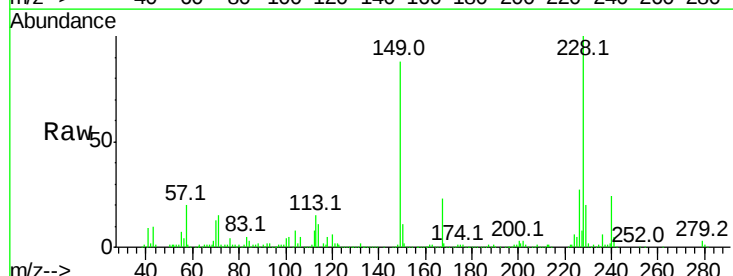
Tgt Ion:228 Resp: 523223

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

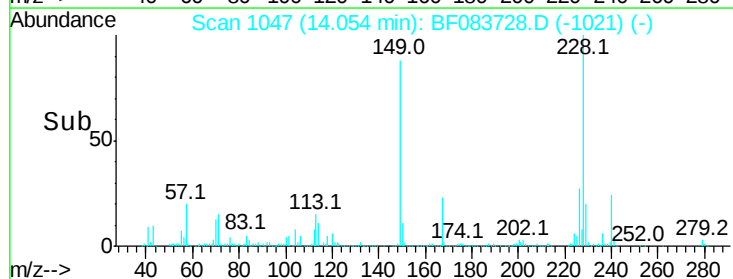
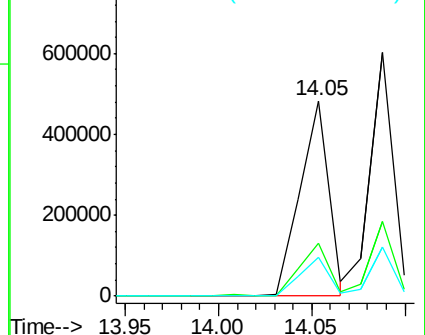
229 19.9 15.8 23.8

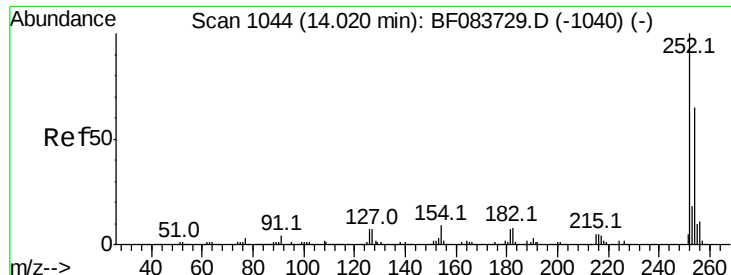


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

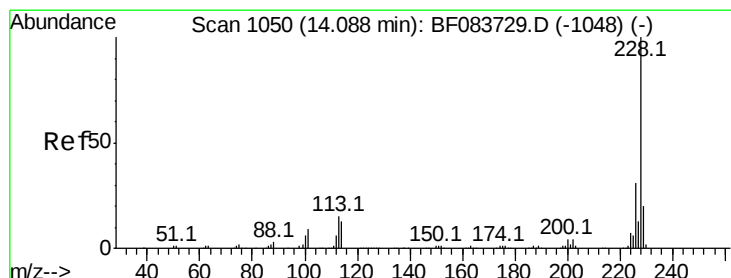
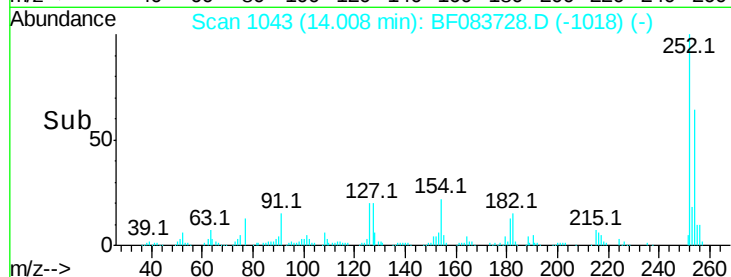
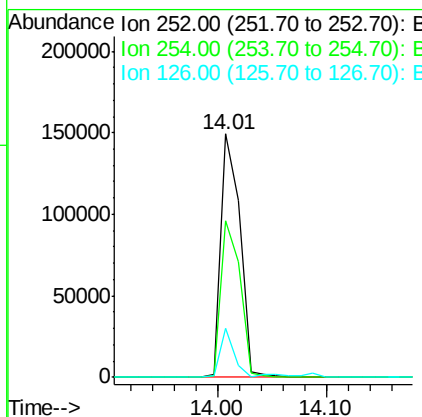
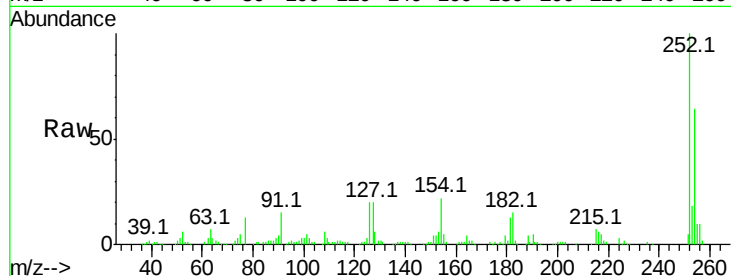




#81
 3,3'-Dichlorobenzidine
 Concen: 26.98 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

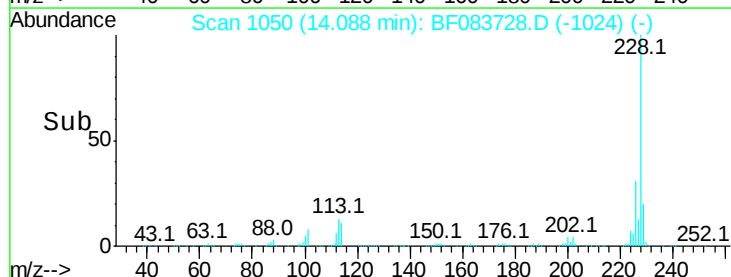
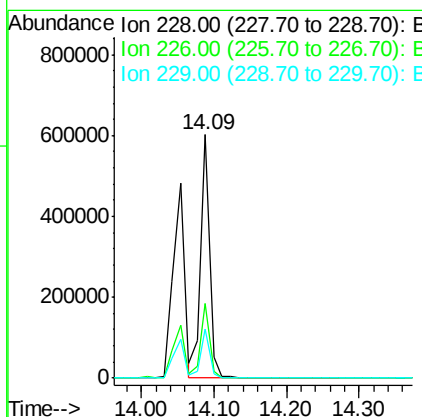
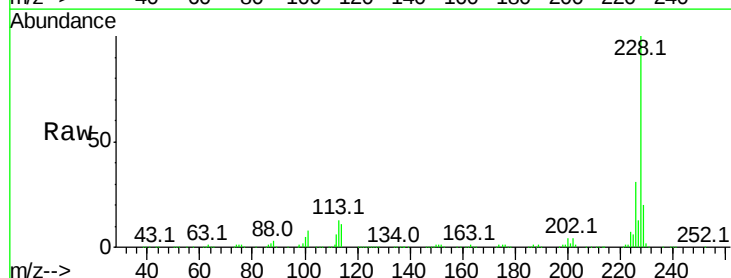
Instrument :
 BNA_F
 ClientSampleId :

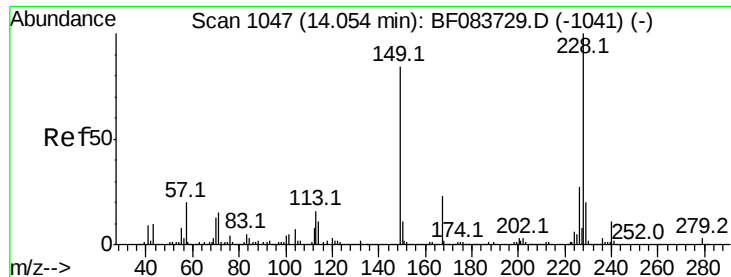
Tot Ion:252 Resp: 183687
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.2 78.2
 126 20.3 5.5 8.3#



#82
 Chrysene
 Concen: 26.29 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:228 Resp: 524884
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 36.8
 229 20.1 16.2 24.2

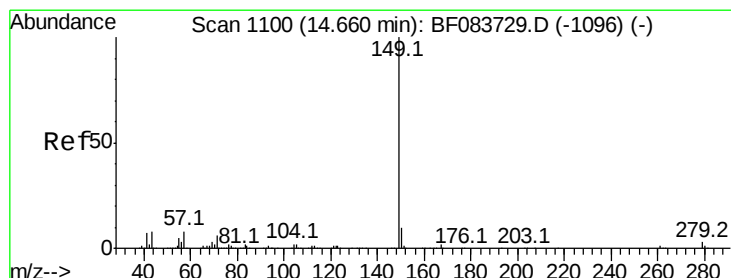
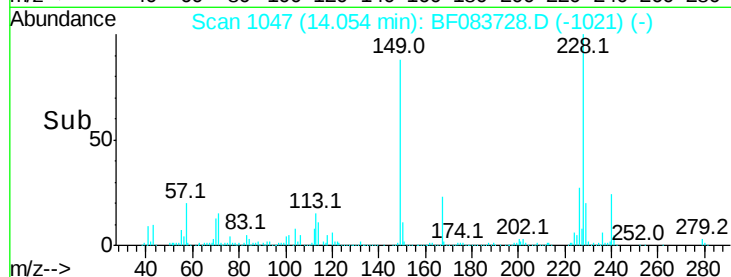
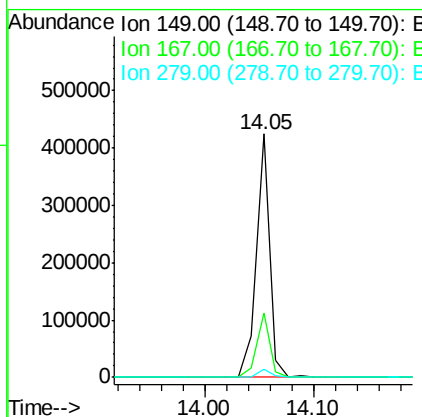
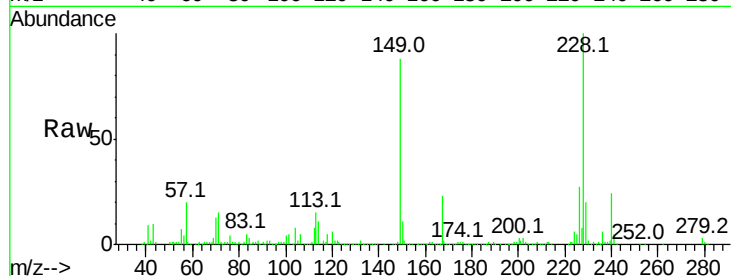




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.33 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

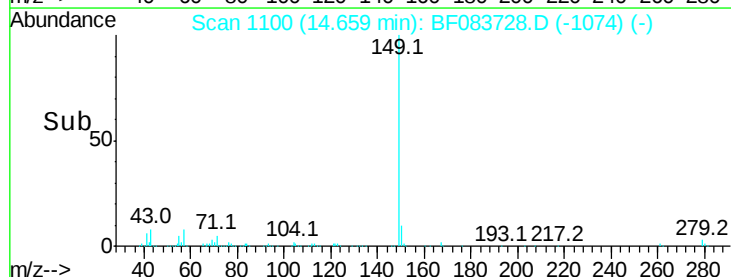
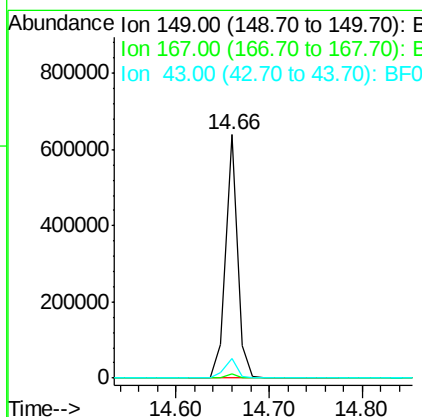
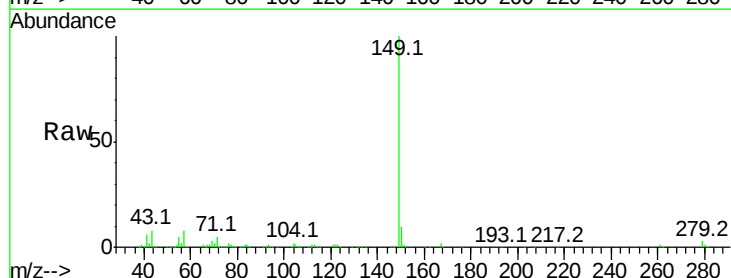
Instrument :
 BNA_F
 ClientSampled :

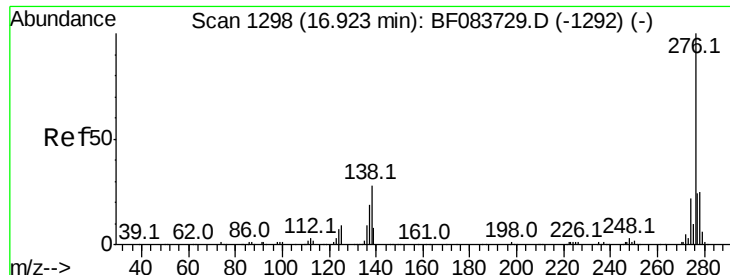
Tot Ion:149 Resp: 365564
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.0
 279 3.1 2.5 3.7



#84
 Di-n-octyl phthalate
 Concen: 35.36 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:149 Resp: 564181
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 7.4 11.0

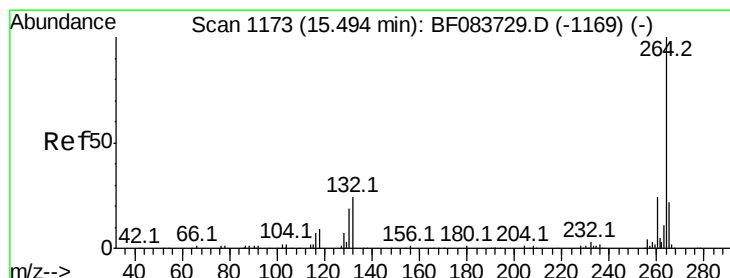
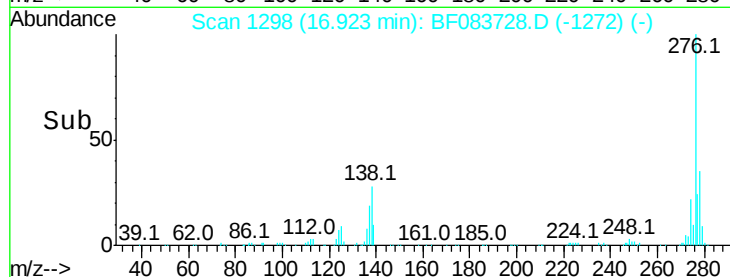
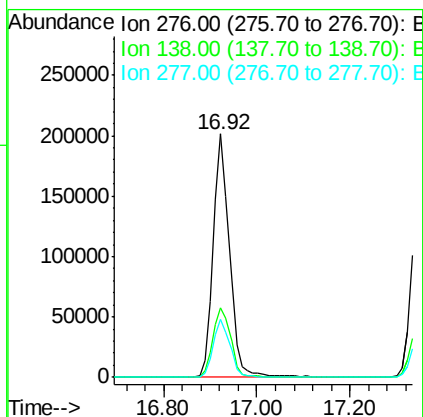
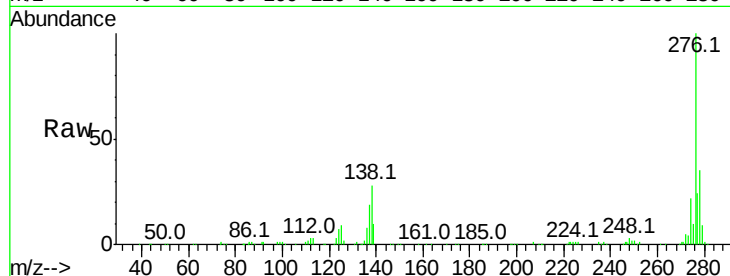




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.18 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

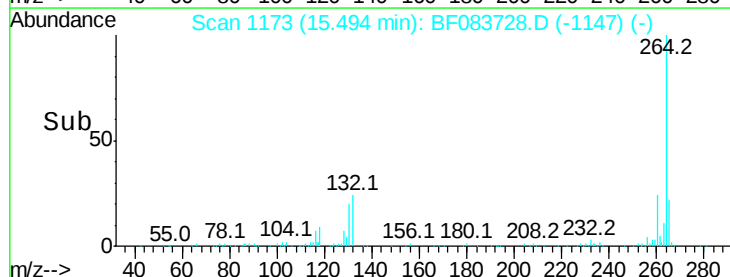
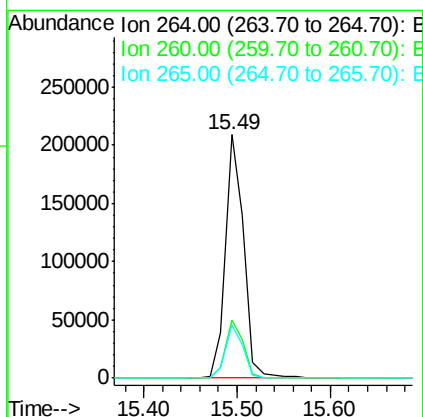
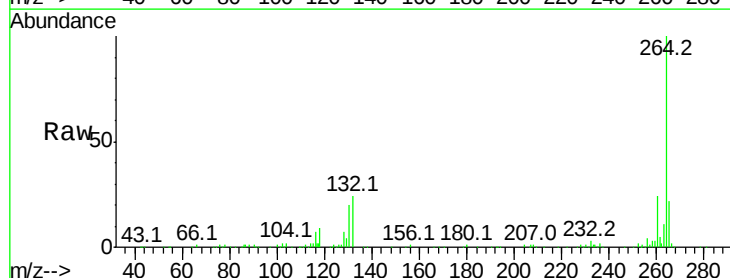
Instrument :
 BNA_F
 ClientSampleId :

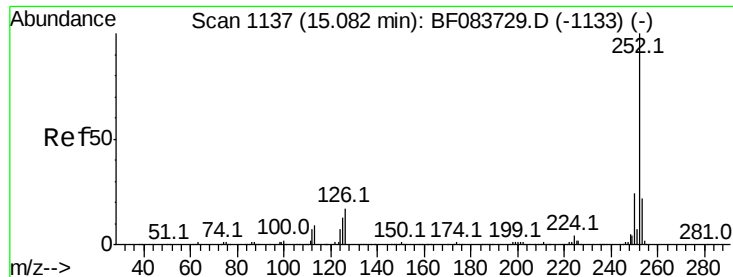
Tot Ion:276 Resp: 494685
 Ion Ratio Lower Upper
 276 100
 138 31.4 25.1 37.7
 277 24.7 20.3 30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF083728.D
 Acq: 13 Dec 2015 14:46

Tgt Ion:264 Resp: 283350
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 24.32 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampled :

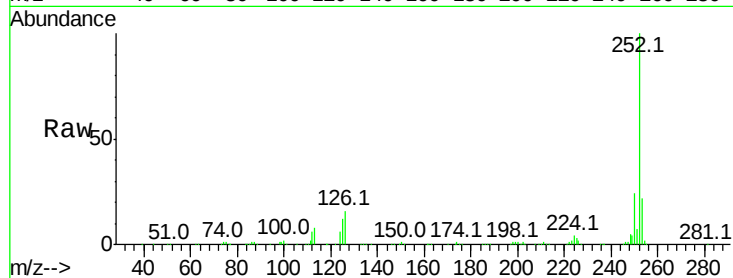
Tot Ion:252 Resp: 434647

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

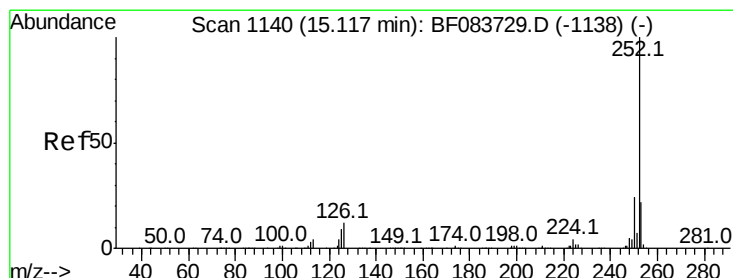
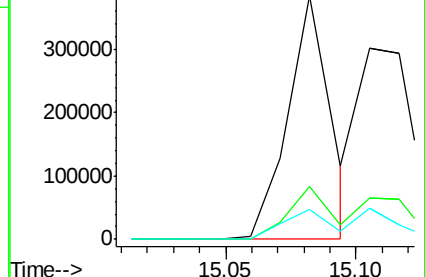
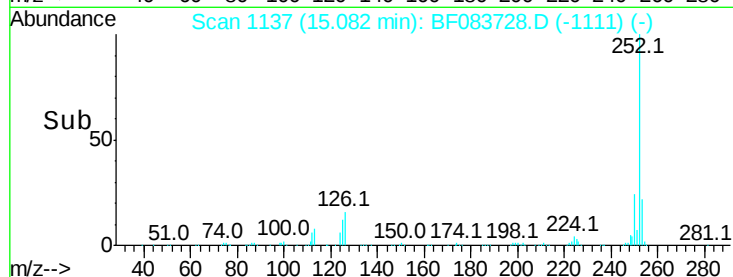
125 12.4 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 25.41 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

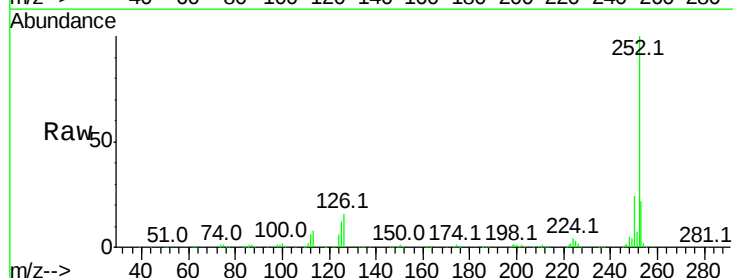
Tgt Ion:252 Resp: 434647

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

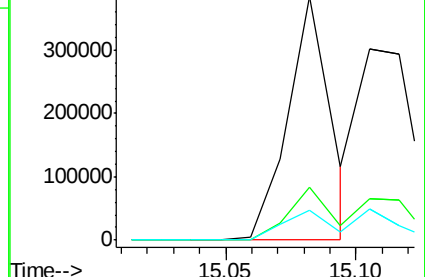
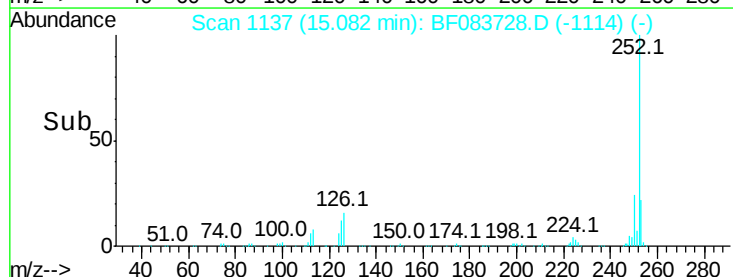
125 12.4 7.0 10.4#

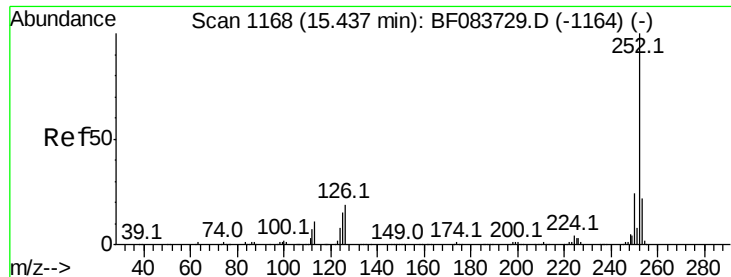


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.73 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

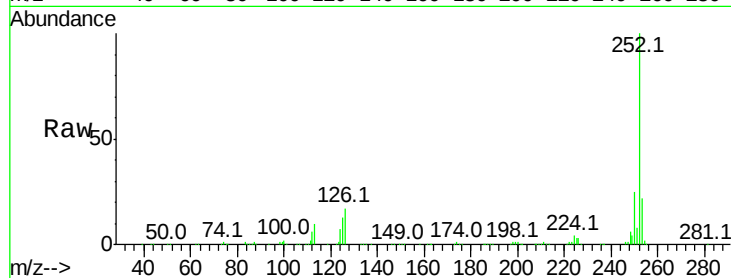
Tot Ion:252 Resp: 414564

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

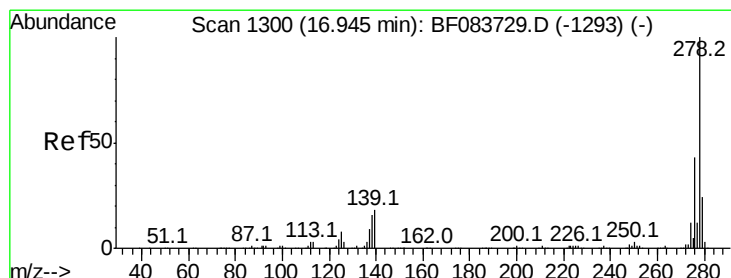
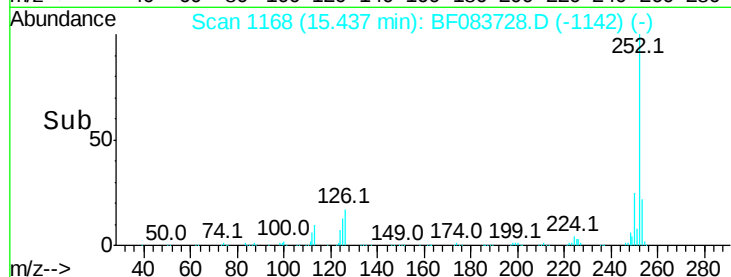
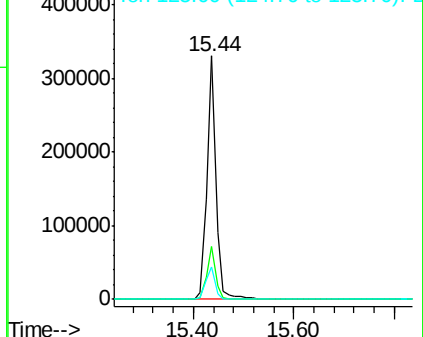
125 13.4 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 25.79 ng

RT: 16.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

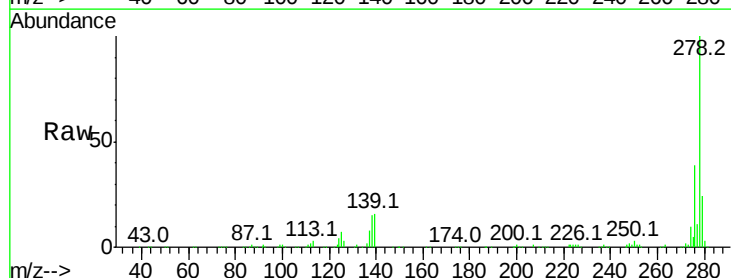
Tgt Ion:278 Resp: 408392

Ion Ratio Lower Upper

278 100

139 16.5 14.4 21.6

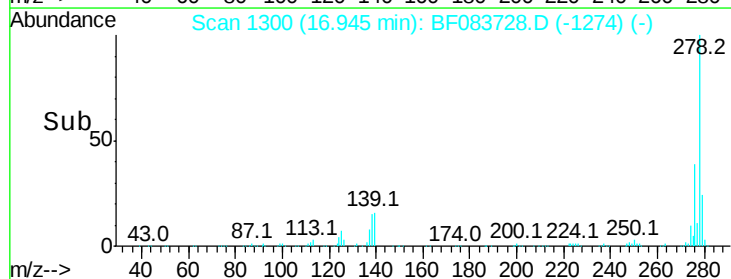
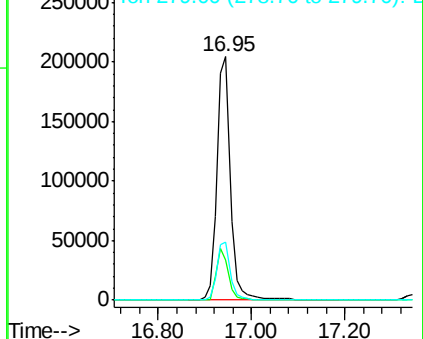
279 23.9 19.0 28.6

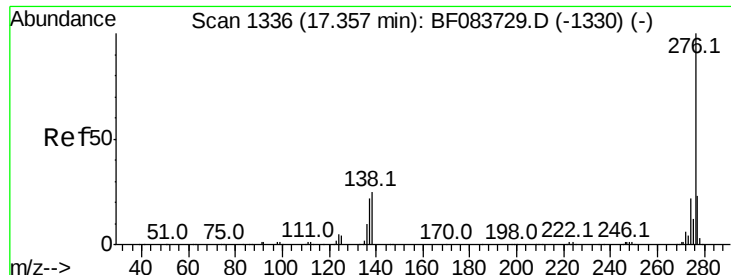


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 25.01 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF083728.D

Acq: 13 Dec 2015 14:46

Instrument :

BNA_F

ClientSampleId :

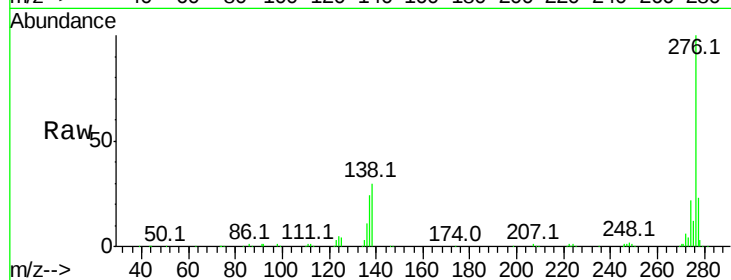
Tot Ion:276 Resp: 417353

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 29.7 20.2 30.4



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

