

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083765.D
 Acq On : 14 Dec 2015 8:21
 Operator : UM/IZ
 Sample : G4648-12MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 10:00:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	109468	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	378461	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	168063	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	271048	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	227456	20.00	ng	-0.01
86) Perylene-d12	15.51	264	202025	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	702626	103.55	ng	0.00
7) Phenol-d6	6.56	99	954910	111.13	ng	0.01
23) Nitrobenzene-d5	7.48	82	564800	83.49	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	174511	101.90	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	950457	81.95	ng	-0.01
78) Terphenyl-d14	13.01	244	707097	66.87	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	102104	31.12	ng	# 83
3) Pyridine	3.34	79	267076	32.35	ng	# 84
4) n-Nitrosodimethylamine	3.29	42	115613	37.02	ng	# 66
6) Aniline	6.58	93	295412	25.31	ng	# 83
8) 2-Chlorophenol	6.70	128	290641	36.45	ng	88
9) Benzaldehyde	6.46	77	82343	17.84	ng	83
10) Phenol	6.57	94	355376	35.93	ng	# 74
11) bis(2-Chloroethyl)ether	6.66	93	278721	38.91	ng	# 84
12) 1,3-Dichlorobenzene	6.86	146	315500	37.28	ng	96
13) 1,4-Dichlorobenzene	6.93	146	303285	35.47	ng	97
14) 1,2-Dichlorobenzene	7.09	146	298387	38.83	ng	100
15) Benzyl Alcohol	7.06	79	254682	40.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	331167	35.61	ng	72
17) 2-Methylphenol	7.17	107	238225	37.16	ng	# 85
18) Hexachloroethane	7.44	117	96418	31.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.33	70	184428	35.05	ng	89
20) 3+4-Methylphenols	7.32	107	269016	35.55	ng	# 74
22) Acetophenone	7.33	105	367783	39.61	ng	# 89
24) Nitrobenzene	7.50	77	280725	39.87	ng	# 70
25) Isophorone	7.74	82	523611	39.45	ng	# 91
26) 2-Nitrophenol	7.81	139	130126	38.47	ng	91
27) 2,4-Dimethylphenol	7.86	122	265688	39.98	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	311177	41.09	ng	97
29) 2,4-Dichlorophenol	8.05	162	212183	38.89	ng	93
30) 1,2,4-Trichlorobenzene	8.14	180	220888	39.04	ng	97
31) Naphthalene	8.22	128	754519	38.25	ng	99
32) Benzoic acid	7.86	122	265688	64.15	ng	# 8
33) 4-Chloroaniline	8.27	127	197238	24.48	ng	# 86
34) Hexachlorobutadiene	8.35	225	125442	40.40	ng	98
35) Caprolactam	8.61	113	66443	37.92	ng	# 76
36) 4-Chloro-3-methylphenol	8.75	107	241951	37.91	ng	93
37) 2-Methylnaphthalene	8.92	142	523133	42.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	192022	38.73	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	62361	24.82	ng	97

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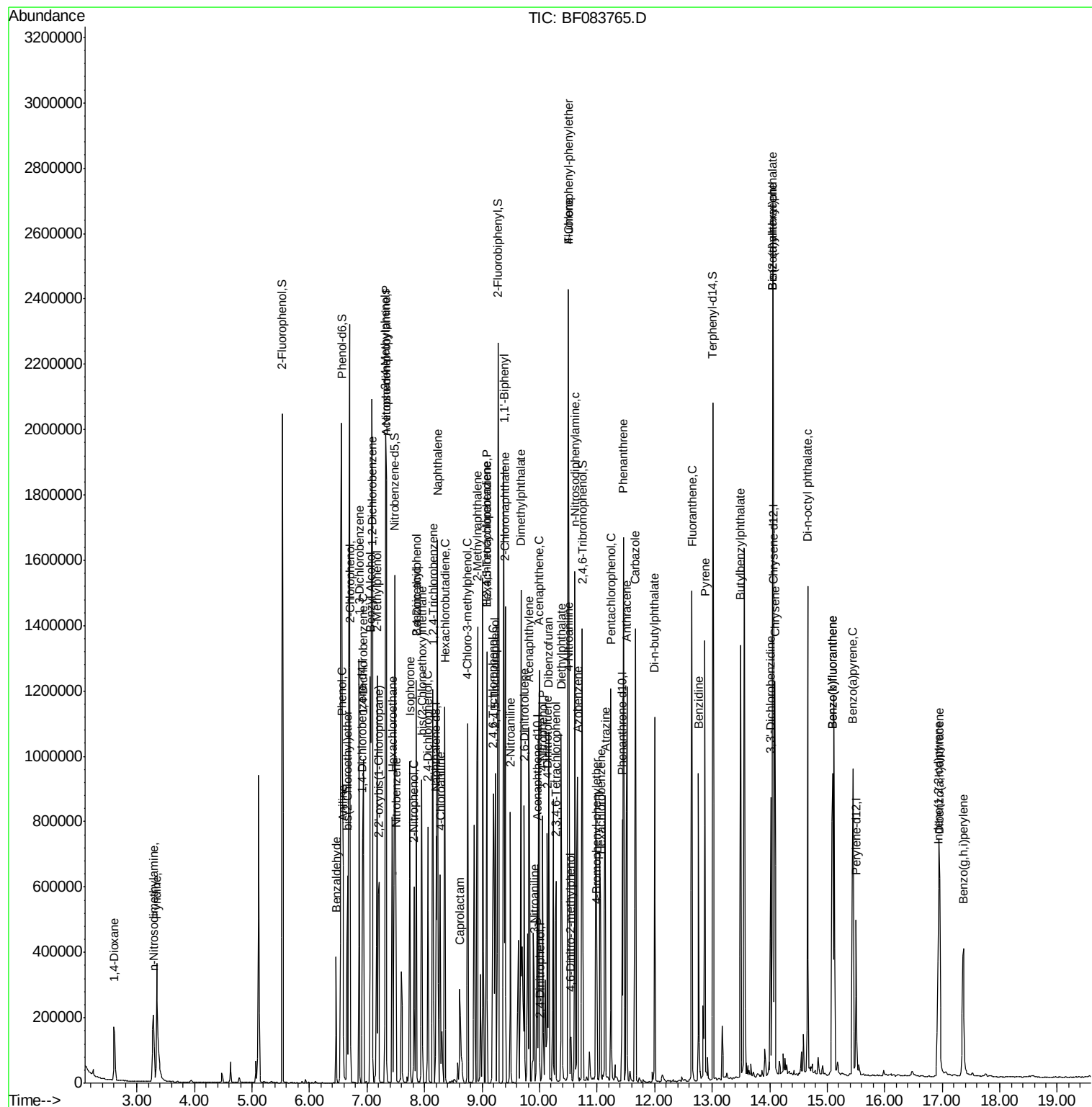
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	138964	38.29	nq	96
43) 2,4,5-Trichlorophenol	9.23	196	138729	40.30	nq	94
45) 1,1'-Biphenyl	9.38	154	570314	38.29	nq	98
46) 2-Chloronaphthalene	9.40	162	418432	38.06	nq	# 91
47) 2-Nitroaniline	9.49	65	135794	43.55	nq	# 72
48) Acenaphthylene	9.81	152	687996	37.19	nq	100
49) Dimethylphthalate	9.68	163	646437	49.34	nq	100
50) 2,6-Dinitrotoluene	9.73	165	101355	36.45	nq	93
51) Acenaphthene	10.00	154	416987	37.29	nq	97
52) 3-Nitroaniline	9.90	138	96645	30.14	nq	# 57
53) 2,4-Dinitrophenol	10.01	184	12579	15.63	nq	# 62
54) Dibenzofuran	10.16	168	598350	40.38	nq	# 90
55) 4-Nitrophenol	10.05	139	150717	63.49	nq	90
56) 2,4-Dinitrotoluene	10.13	165	127814	35.18	nq	# 86
57) Fluorene	10.50	166	405865	34.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	102404	39.66	nq	# 100
59) Diethylphthalate	10.37	149	497244	37.48	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	210987	39.66	nq	97
61) 4-Nitroaniline	10.51	138	106869	37.82	nq	97
62) Azobenzene	10.66	77	502853	41.59	nq	87
64) 4,6-Dinitro-2-methylphenol	10.54	198	27133	17.59	nq	# 53
65) n-Nitrosodiphenylamine	10.61	169	418821	45.18	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	121378	40.05	nq	# 86
67) Hexachlorobenzene	11.06	284	129359	39.45	nq	# 77
68) Atrazine	11.14	200	128124	48.58	nq	98
69) Pentachlorophenol	11.24	266	118466	64.05	nq	99
70) Phenanthrene	11.46	178	578306	40.16	nq	99
71) Anthracene	11.52	178	612372	40.95	nq	99
72) Carbazole	11.66	167	604490	43.38	nq	98
73) Di-n-butylphthalate	12.00	149	694142	41.02	nq	99
74) Fluoranthene	12.65	202	635674	42.73	nq	99
76) Benzidine	12.76	184	339436	48.97	nq	97
77) Pyrene	12.88	202	644370	35.84	nq	99
79) Butylbenzylphthalate	13.49	149	307022	39.79	nq	90
80) Benzo(a)anthracene	14.05	228	528999	40.90	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	205596	44.06	nq	# 96
82) Chrysene	14.09	228	496336	39.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	385542	43.90	nq	# 97
84) Di-n-octyl phthalate	14.66	149	723364	51.84	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	444946	35.91	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	558482	43.33	nq	98
88) Benzo(k)fluoranthene	15.09	252	558482	47.82	nq	# 93
89) Benzo(a)pyrene	15.45	252	473571	41.18	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	376313	32.91	nq	99
91) Benzo(g,h,i)perylene	17.37	276	350073	29.78	nq	98

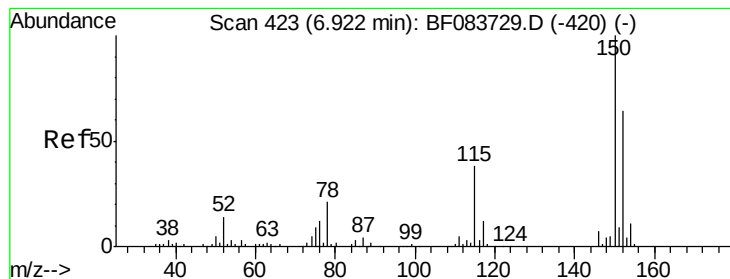
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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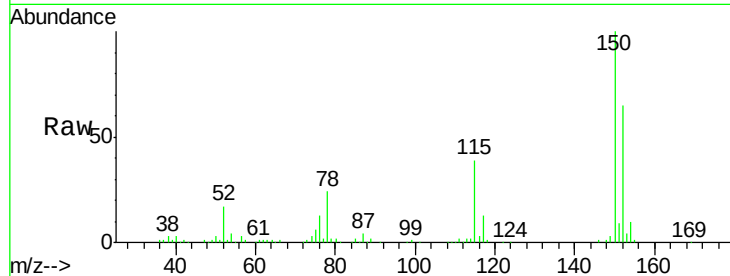


#1

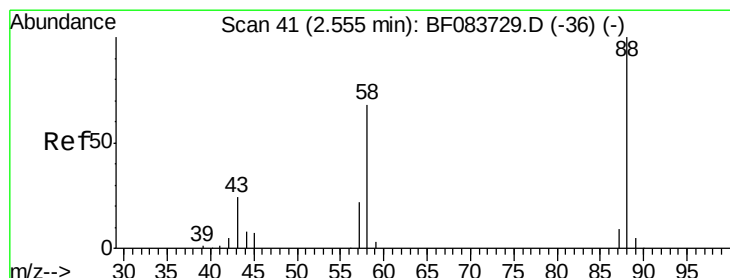
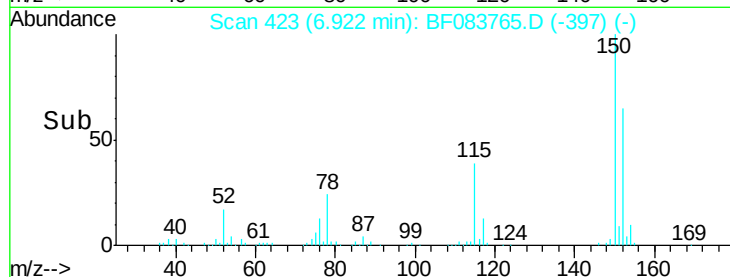
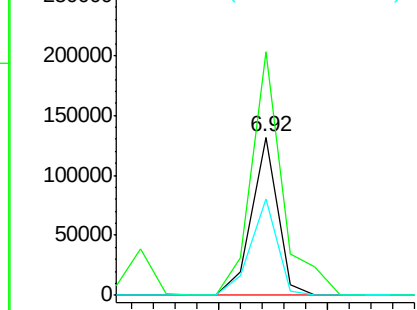
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.5	189.7
115	60.7	52.3	78.5



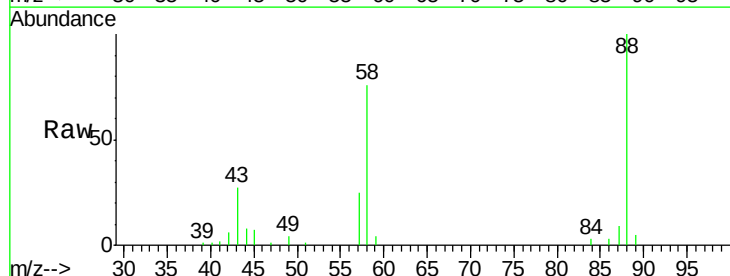
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



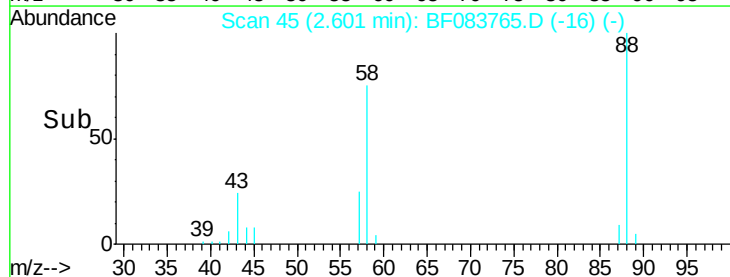
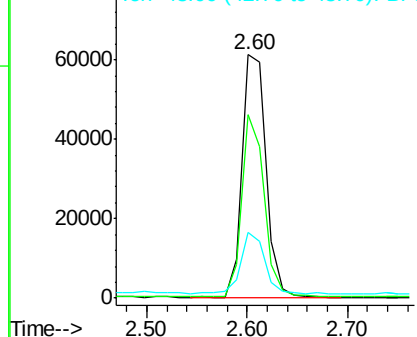
#2

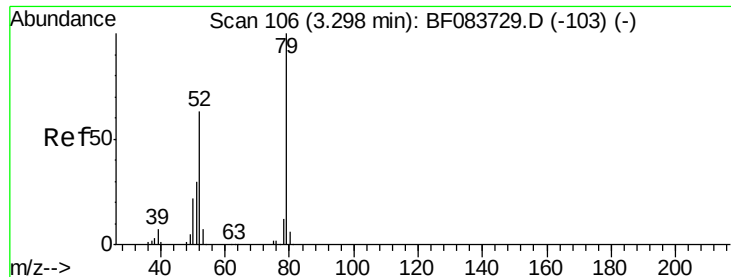
1,4-Dioxane
Concen: 31.12 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.03 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	68.0	102.0
43	25.5	27.9	41.9#



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

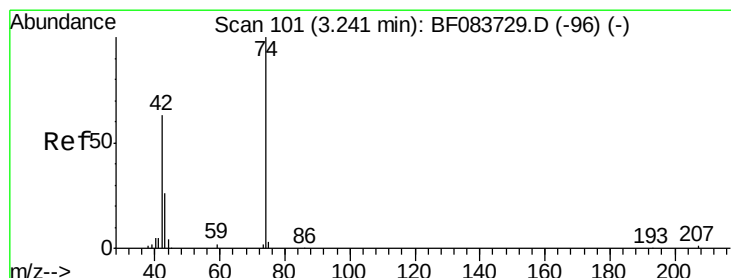
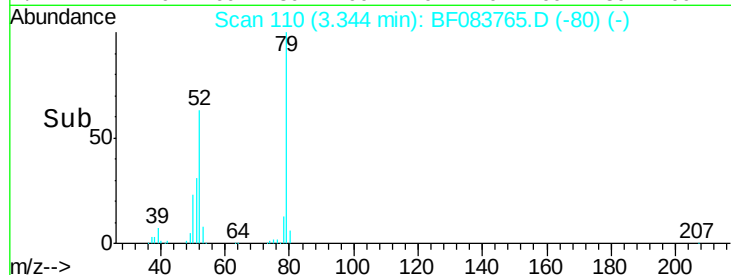
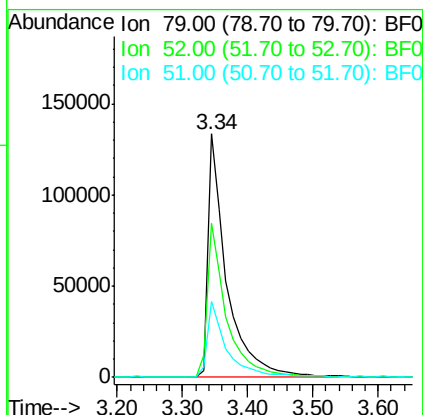
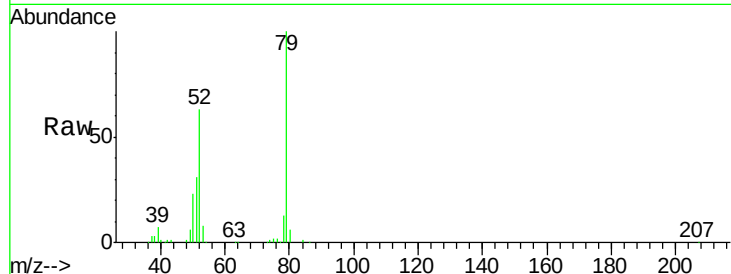




#3
Pvrindine
Concen: 32.35 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.05 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

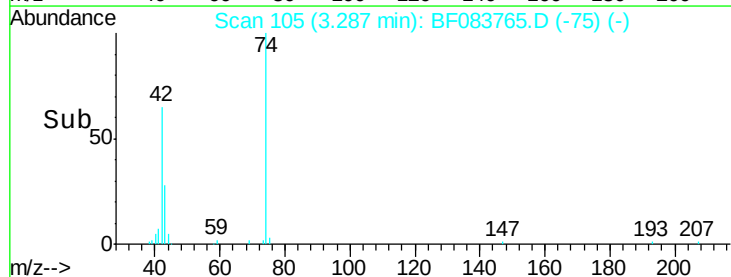
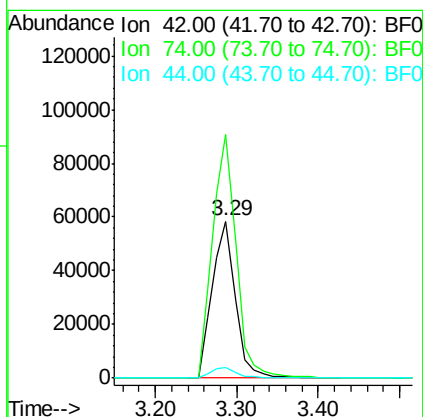
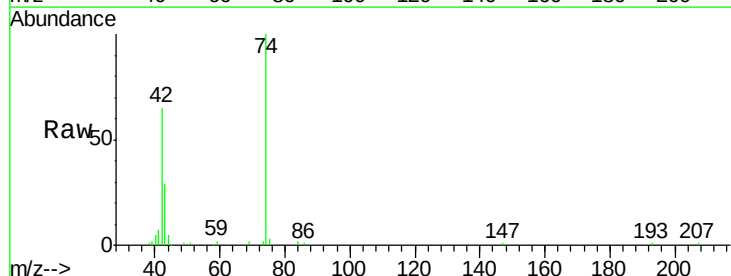
Instrument :
BNA_F
ClientSampleId :

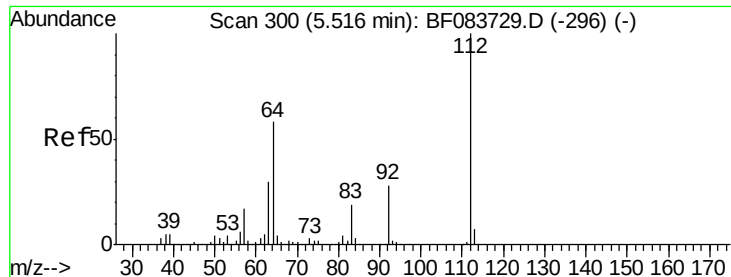
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	63.7	95.5#
51	31.3	30.6	45.8



#4
n-Nitrosodimethylamine
Concen: 37.02 ng
RT: 3.29 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.0	92.9	139.3#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 103.55 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083765.D

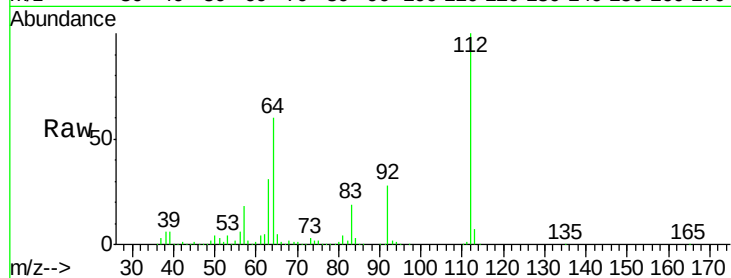
Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

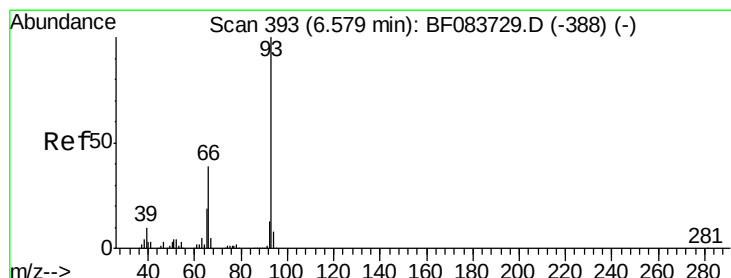
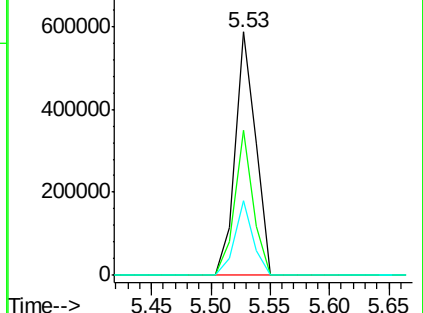
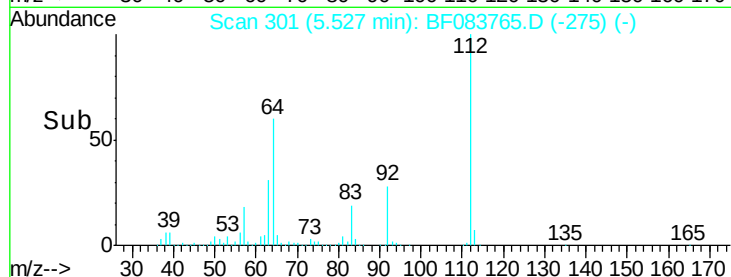
Tot Ion:	112	Resp:	702626
Ion	Ratio	Lower	Upper
112	100		
64	59.8	50.5	75.7
63	30.8	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.31 ng

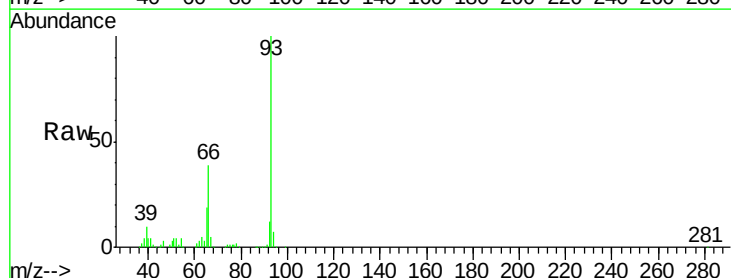
RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

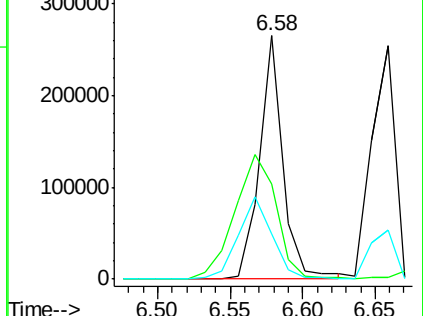
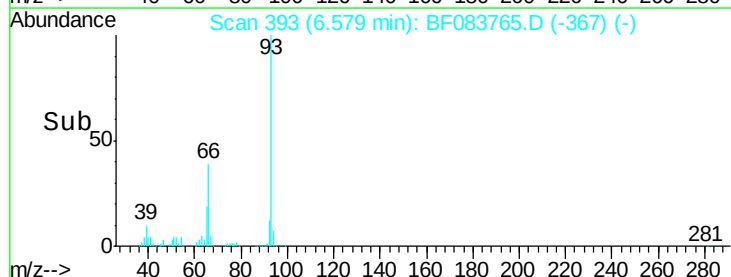
Tgt Ion:	93	Resp:	295412
Ion	Ratio	Lower	Upper
93	100		
66	38.9	41.3	61.9#
65	18.6	20.8	31.2#

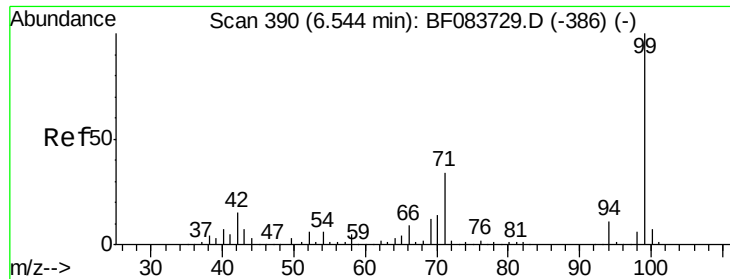


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.13 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampled :

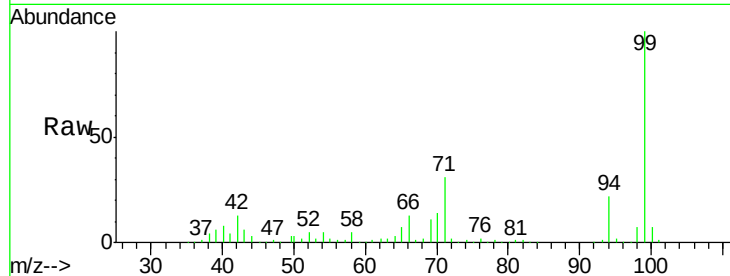
Tot Ion: 99 Resp: 954910

Ion Ratio Lower Upper

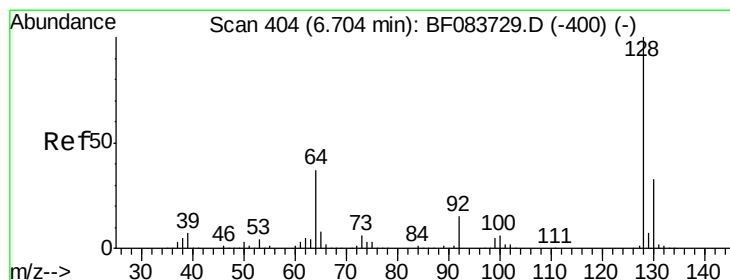
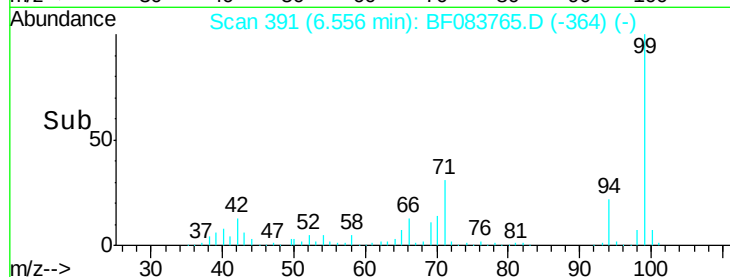
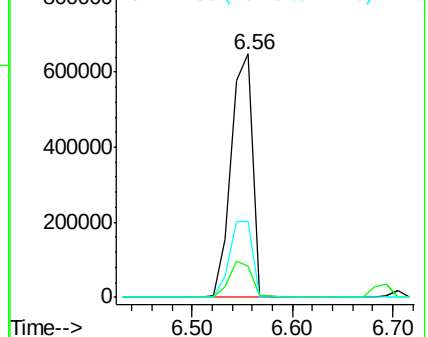
99 100

42 12.7 17.3 25.9#

71 31.2 26.6 40.0



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



#8

2-Chlorophenol

Concen: 36.45 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

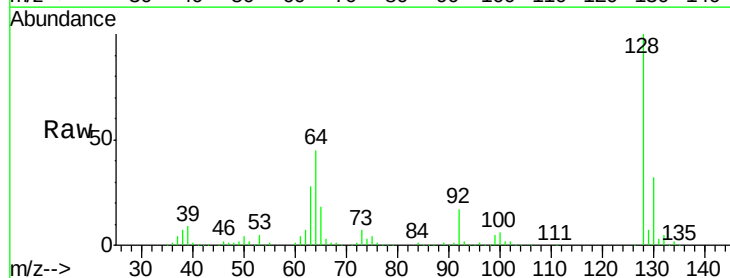
Tgt Ion: 128 Resp: 290641

Ion Ratio Lower Upper

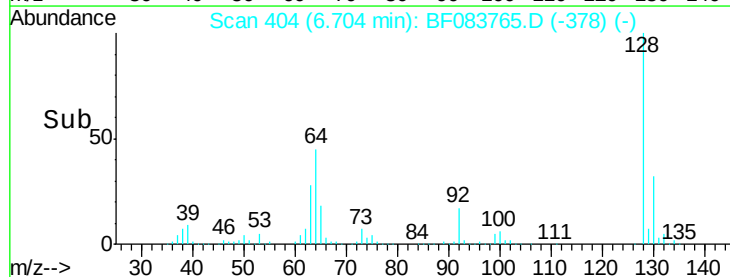
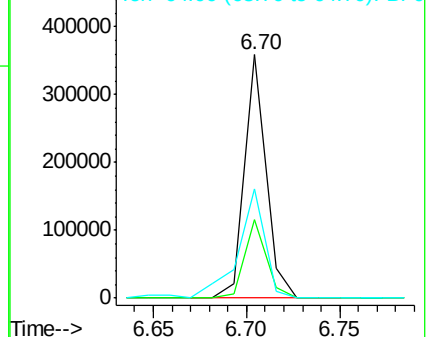
128 100

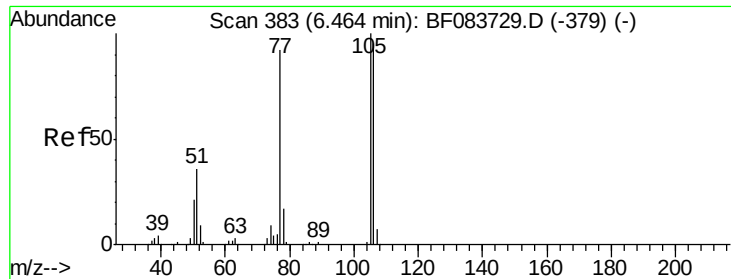
130 32.4 12.6 52.6

64 44.6 38.6 78.6



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





#9

Benzaldehyde

Concen: 17.84 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

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BNA_F

ClientSampleId :

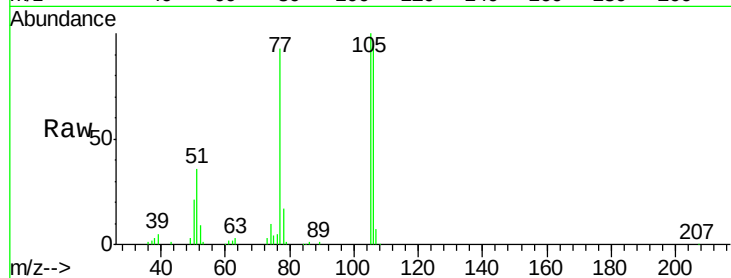
Tot Ion: 77 Resp: 82343

Ion Ratio Lower Upper

77 100

105 107.5 71.8 111.8

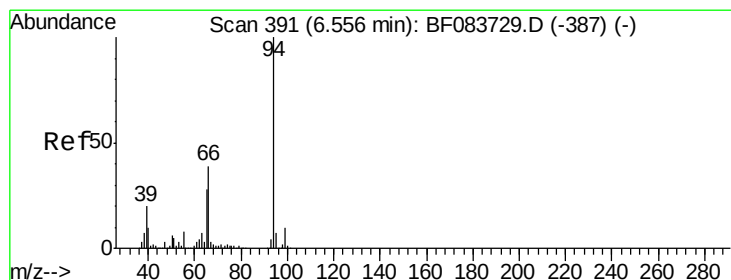
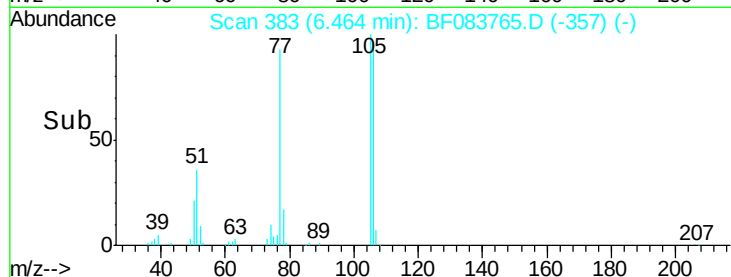
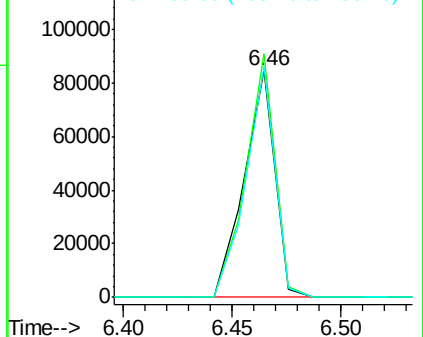
106 102.0 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.93 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

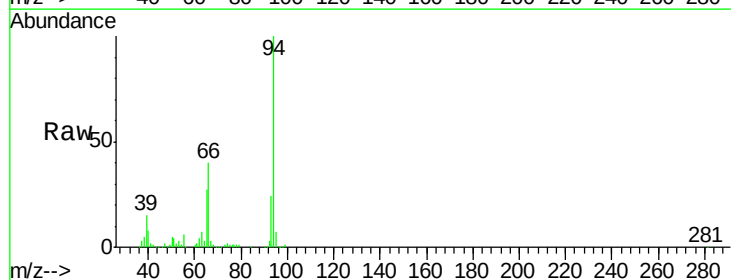
Tgt Ion: 94 Resp: 355376

Ion Ratio Lower Upper

94 100

65 26.8 20.9 60.9

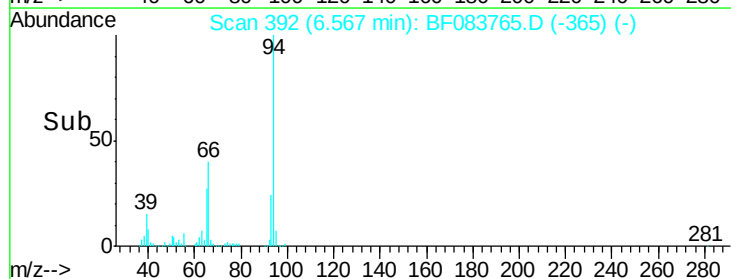
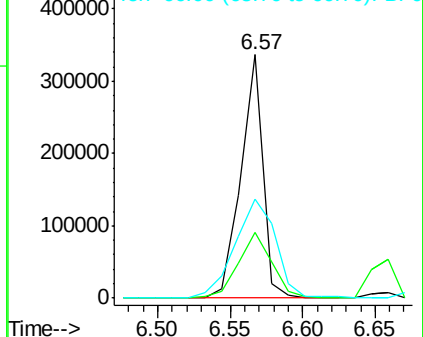
66 40.4 41.6 81.6#

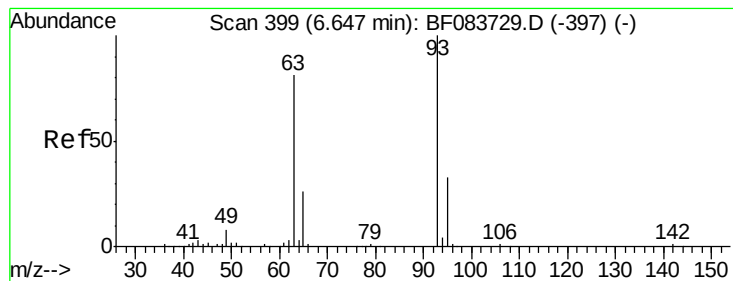


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

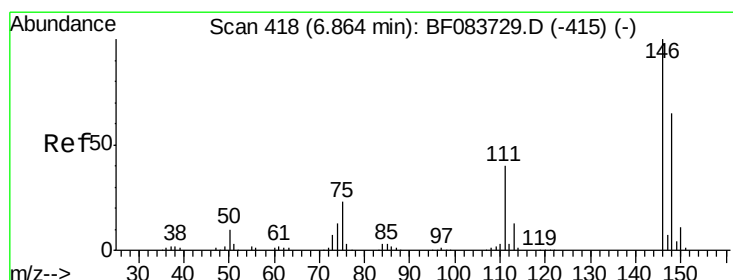
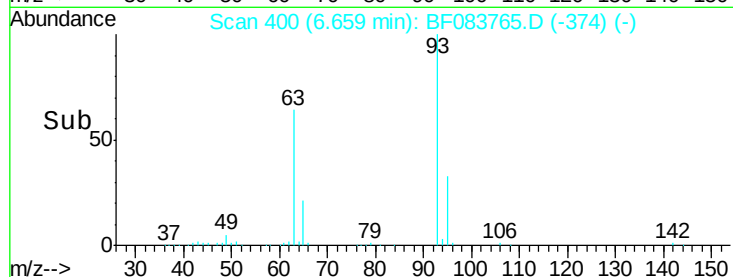
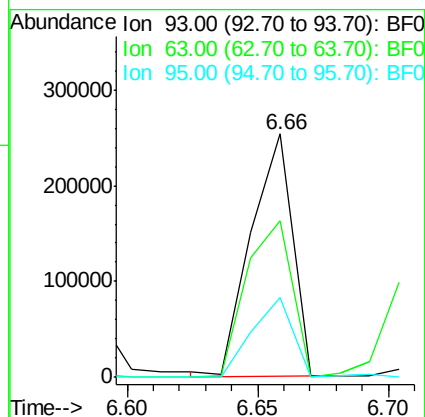
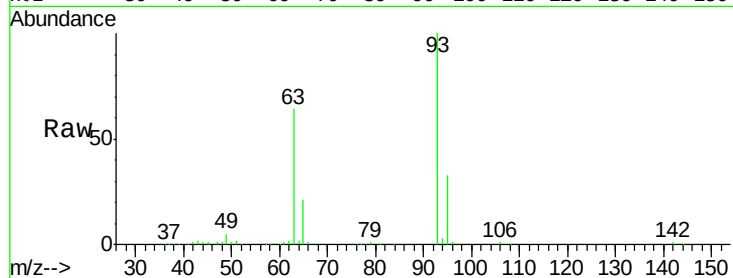




#11
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

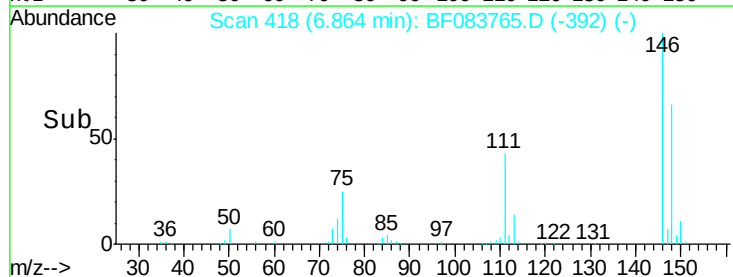
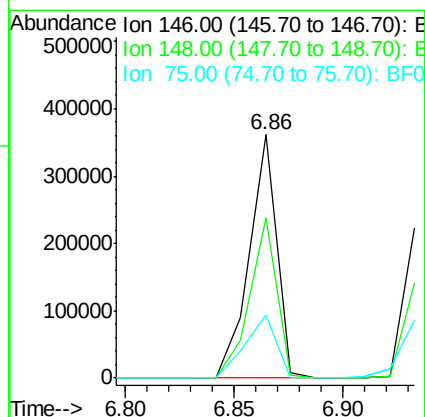
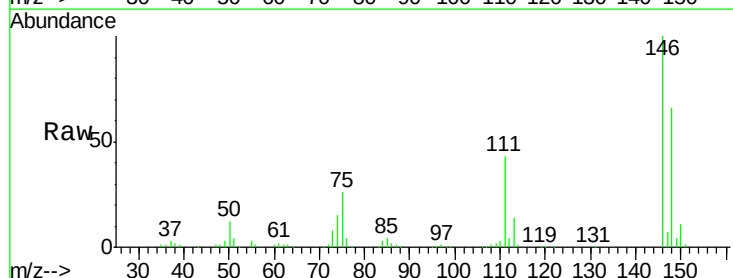
Instrument :
BNA_F
ClientSampleId :

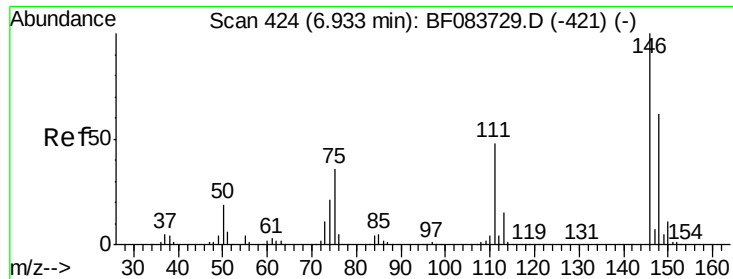
Tot Ion: 93 Resp: 278721
Ion Ratio Lower Upper
93 100
63 64.2 64.7 104.7#
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.28 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion: 146 Resp: 315500
Ion Ratio Lower Upper
146 100
148 66.1 51.3 76.9
75 25.8 24.1 36.1

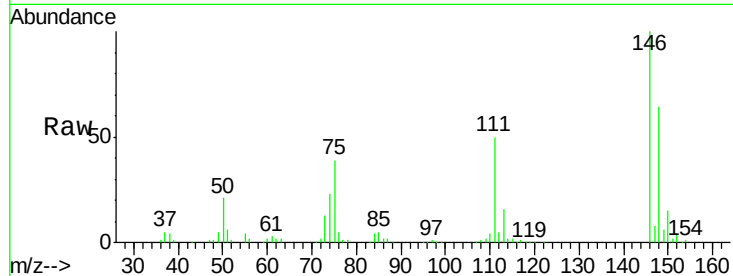




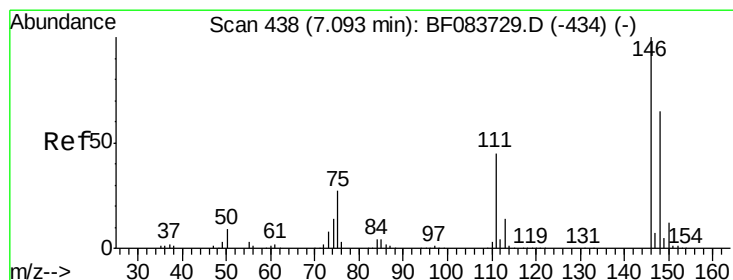
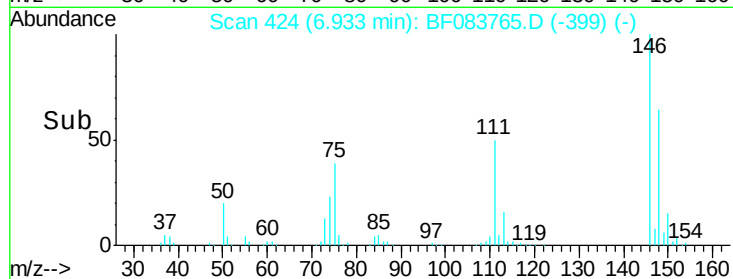
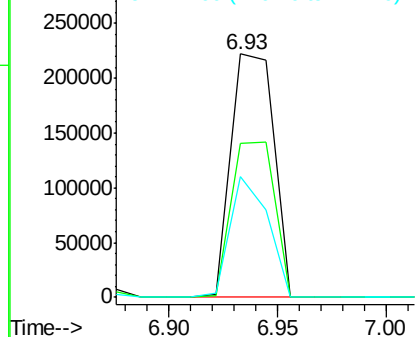
#13
 1,4-Dichlorobenzene
 Concen: 35.47 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 303285
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 49.7 36.1 54.1

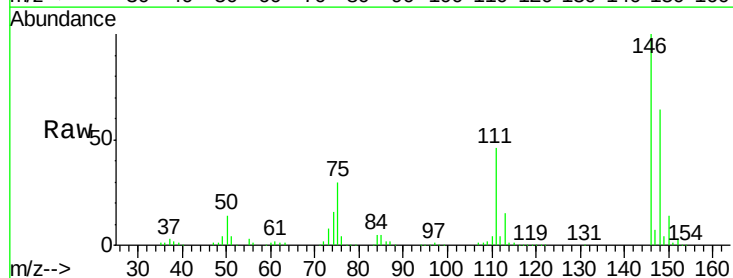


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

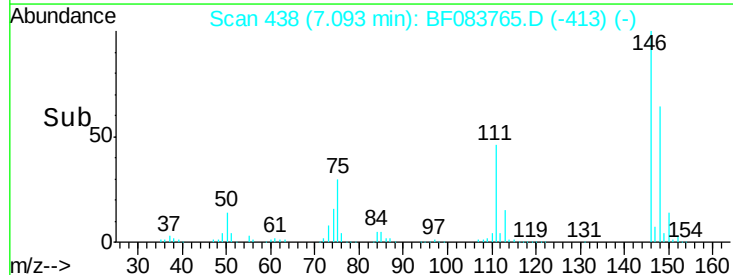
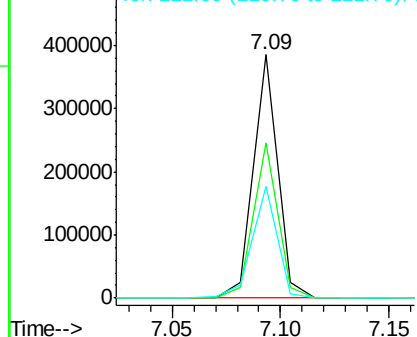


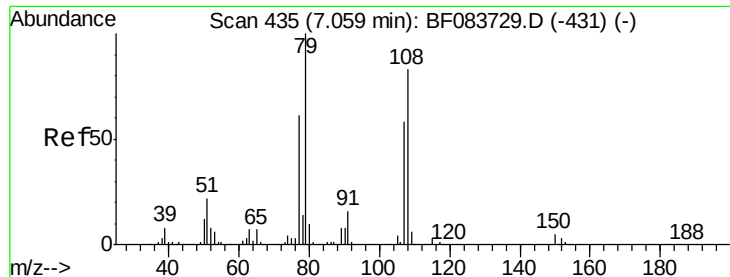
#14
 1,2-Dichlorobenzene
 Concen: 38.83 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:146 Resp: 298387
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 46.0 36.7 55.1



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





#15

Benzyl Alcohol

Concen: 40.34 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

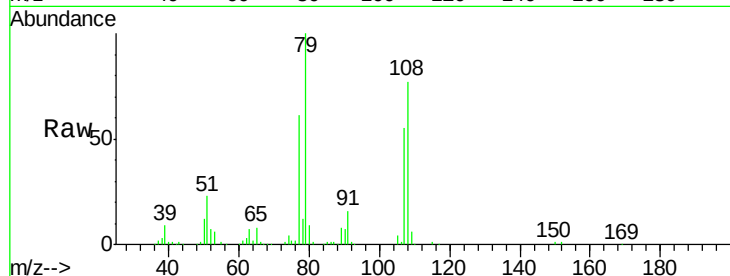
Tot Ion: 79 Resp: 254682

Ion Ratio Lower Upper

79 100

108 77.1 59.6 89.4

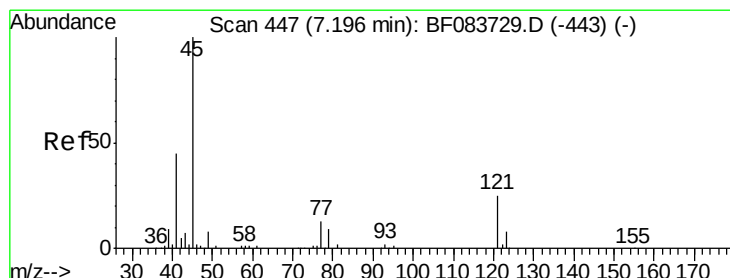
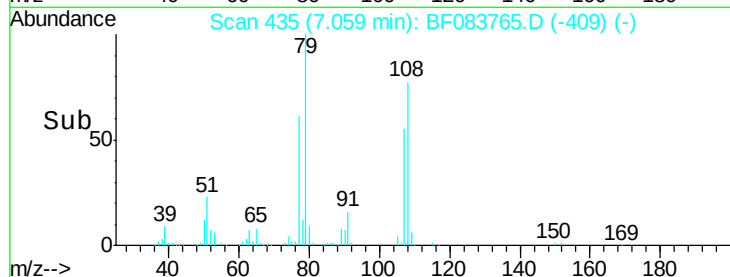
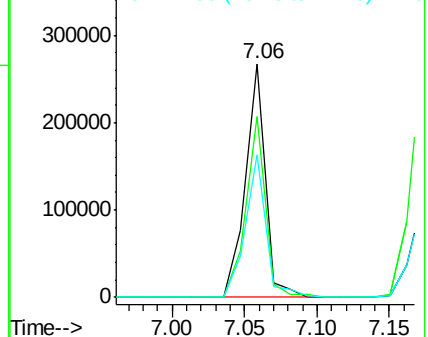
77 61.1 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.61 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

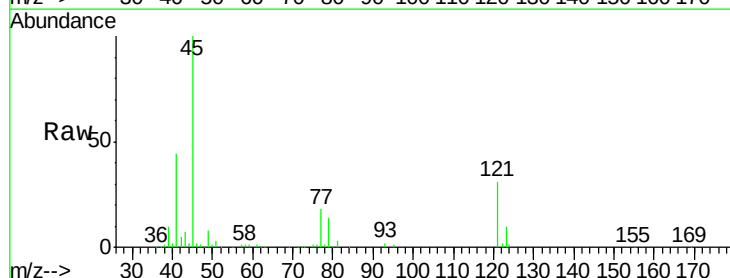
Tgt Ion: 45 Resp: 331167

Ion Ratio Lower Upper

45 100

77 17.7 12.8 52.8

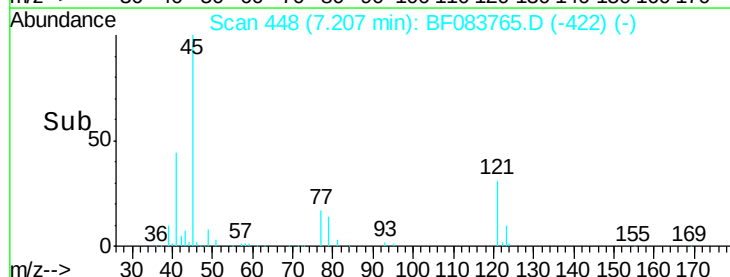
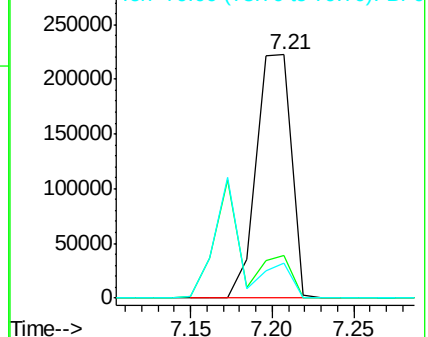
79 14.1 10.7 50.7

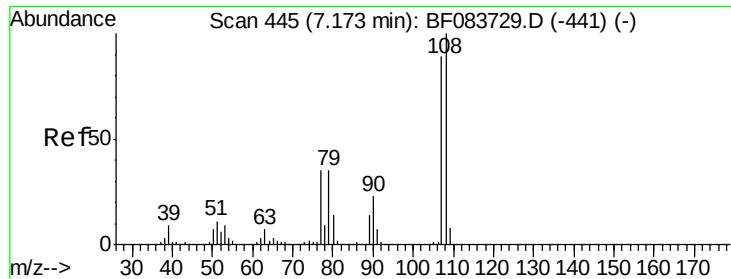


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.16 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 238225

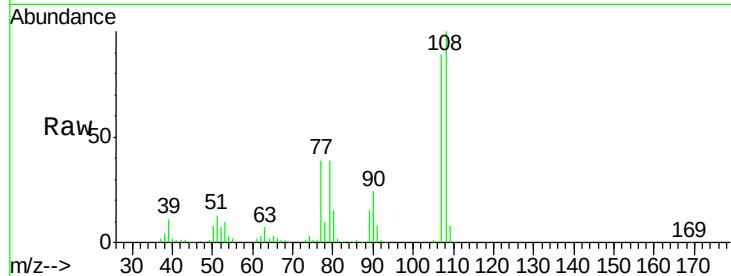
Ion Ratio Lower Upper

107 100

108 112.0 91.6 137.4

77 43.2 53.7 80.5#

79 44.2 50.2 75.4#

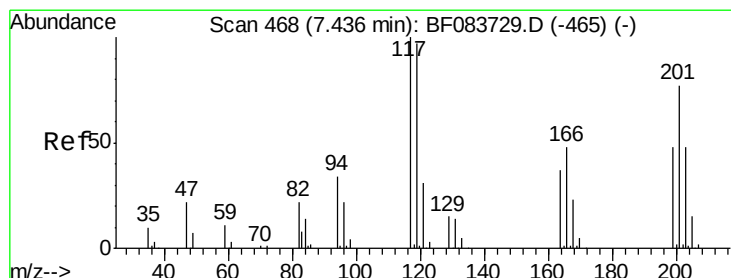
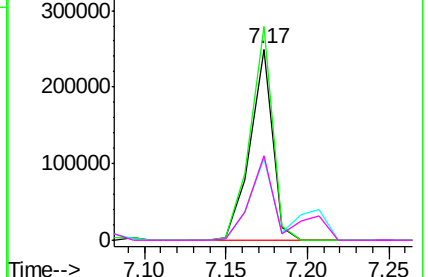
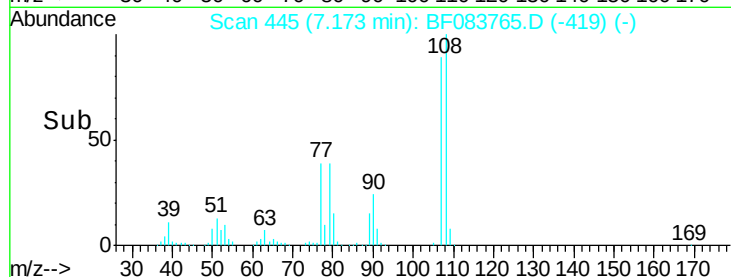


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.75 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

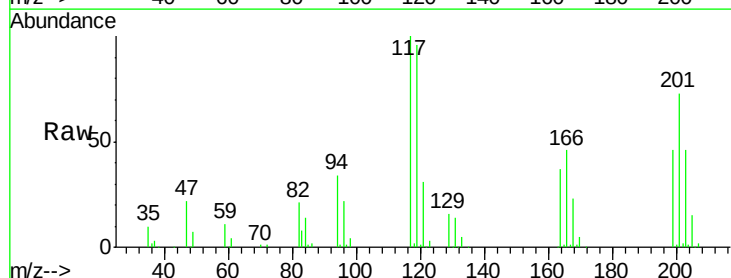
Tgt Ion:117 Resp: 96418

Ion Ratio Lower Upper

117 100

119 95.7 77.2 115.8

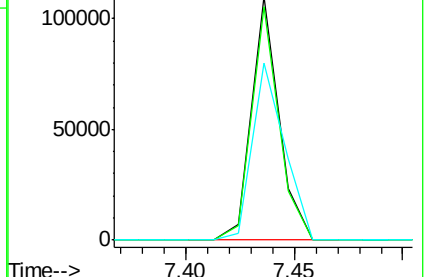
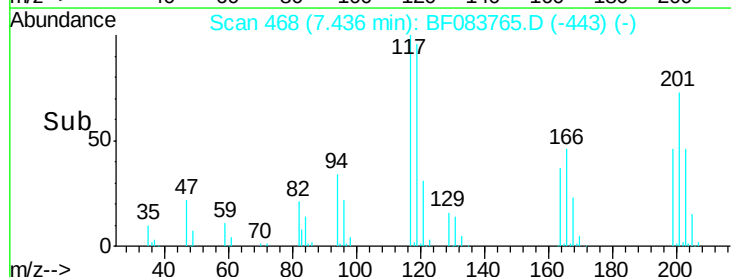
201 72.9 86.8 130.2#

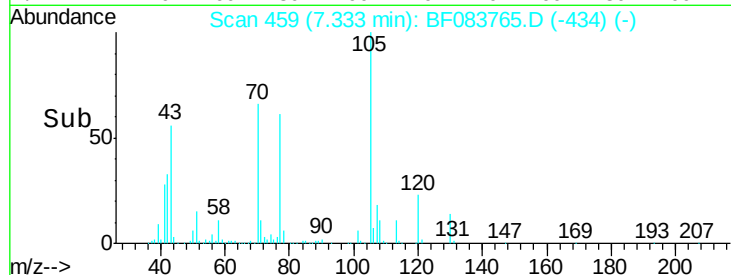
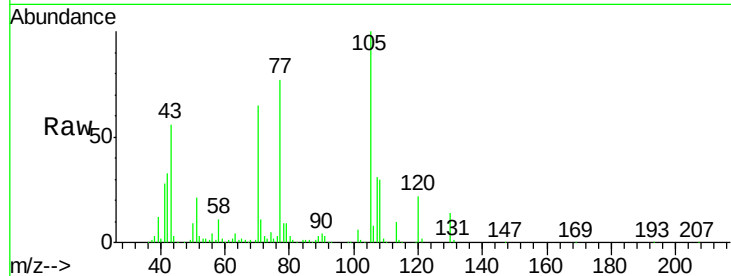
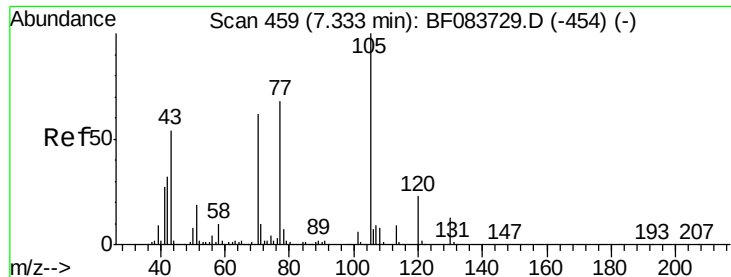


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

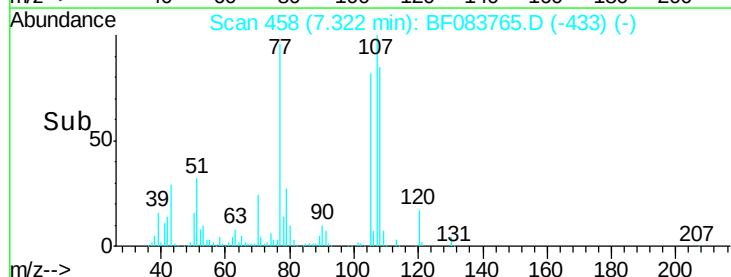
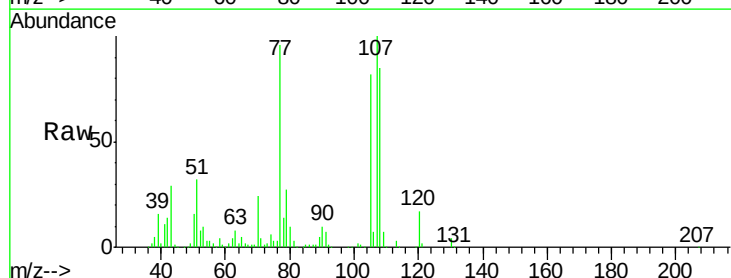
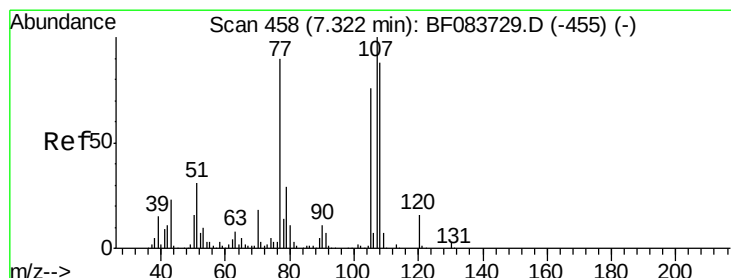
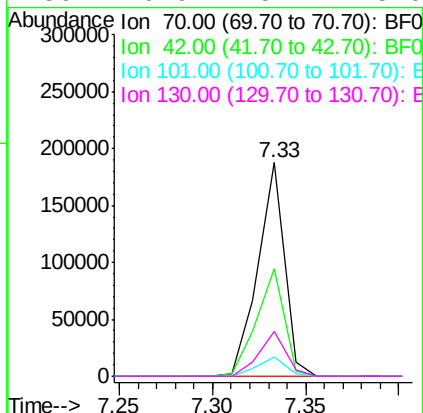




#19
n-Nitroso-di-n-propylamine
Concen: 35.05 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

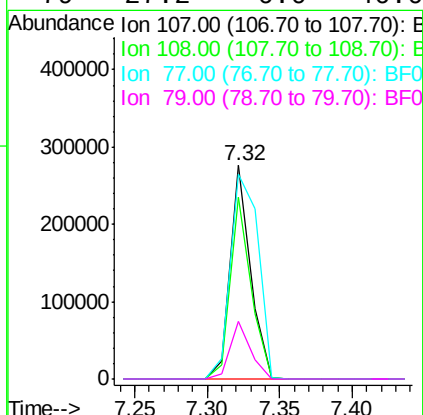
Instrument :
BNA_F
ClientSampleId :

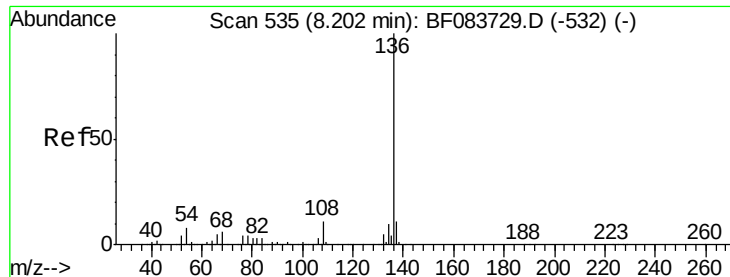
Tot Ion: 70 Resp: 184428
Ion Ratio Lower Upper
70 100
42 50.2 49.2 73.8
101 9.2 7.1 10.7
130 20.9 15.4 23.0



#20
3+4-Methylphenols
Concen: 35.55 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:107 Resp: 269016
Ion Ratio Lower Upper
107 100
108 85.1 65.2 105.2
77 96.0 15.2 55.2#
79 27.2 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378461

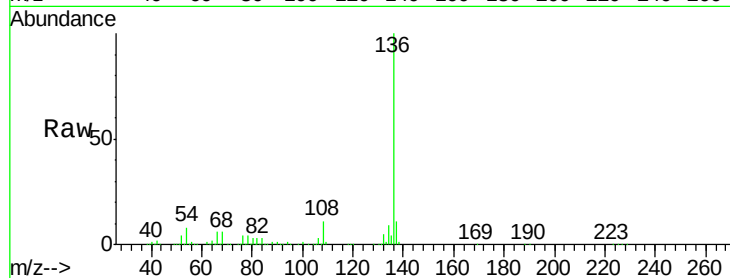
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.2 7.8 11.6

68 6.3 5.7 8.5

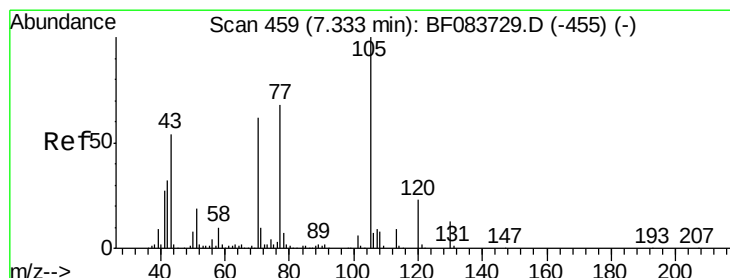
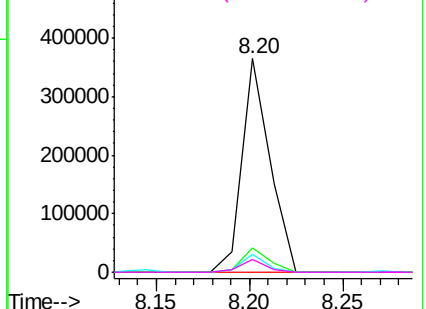
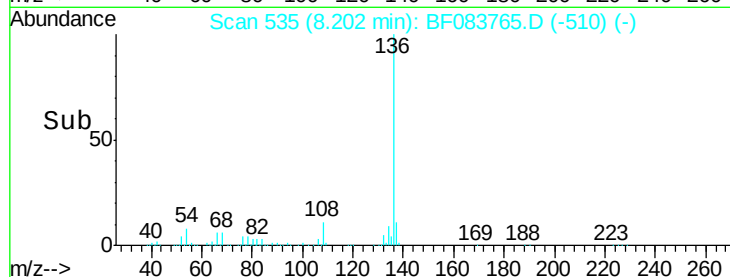


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.61 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:105 Resp: 367783

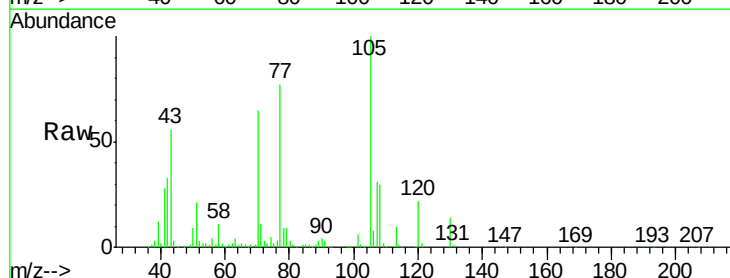
Ion Ratio Lower Upper

105 100

71 10.7 1.3 1.9#

51 21.4 23.8 35.8#

120 22.4 16.7 25.1

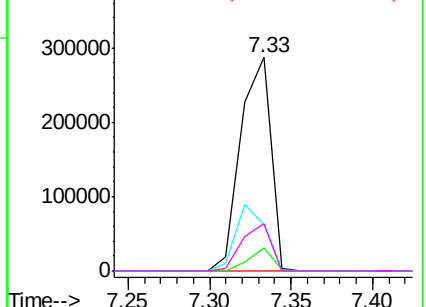
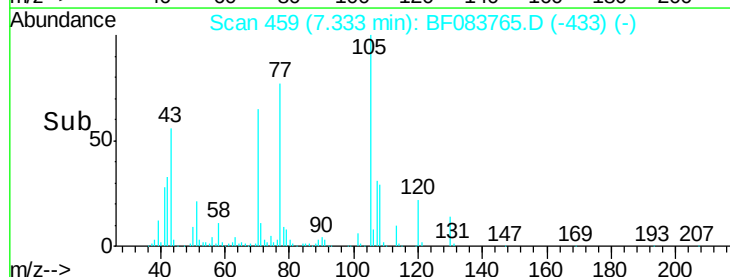


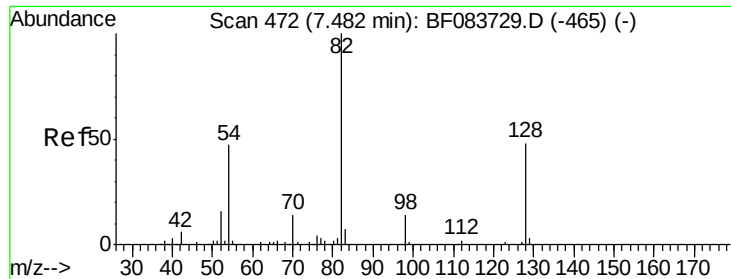
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

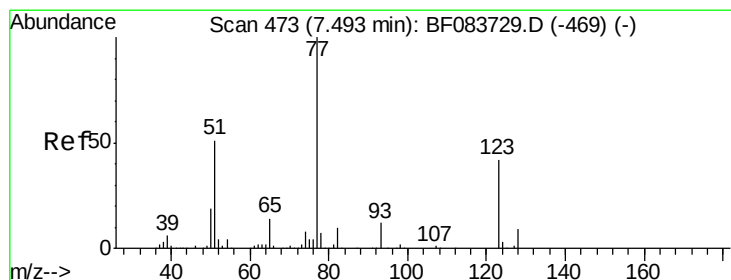
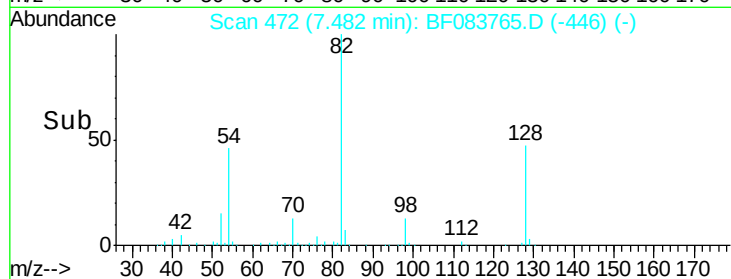
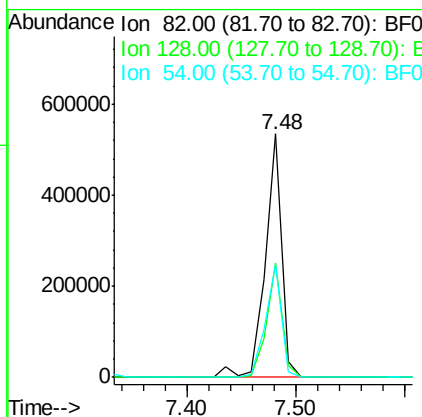
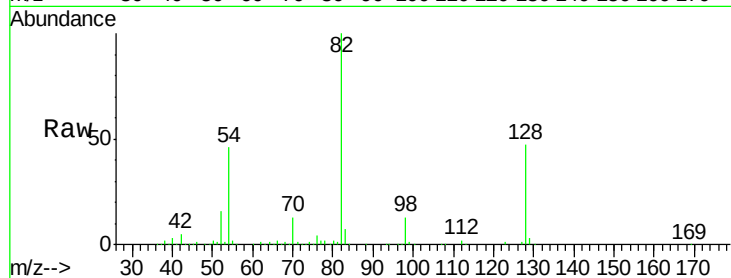




#23
 Nitrobenzene-d5
 Concen: 83.49 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

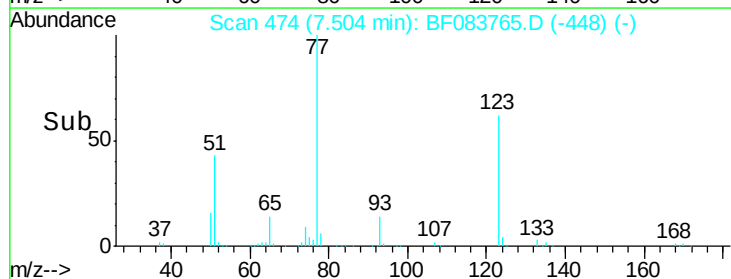
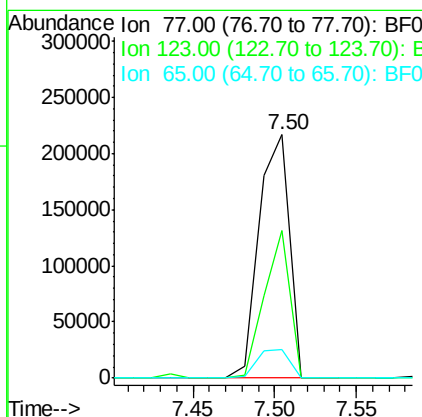
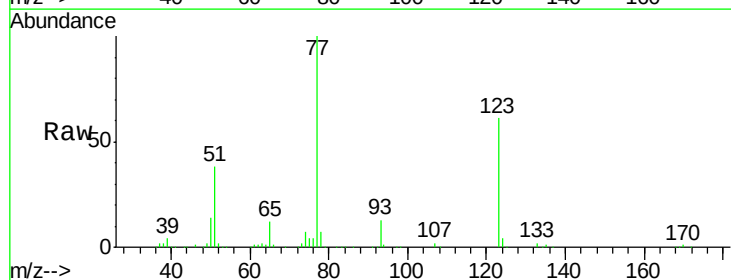
Instrument :
 BNA_F
 ClientSampleId :

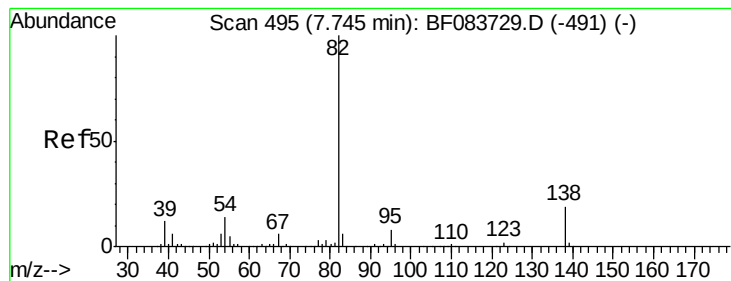
Tot Ion	82	Resp	564800
Ion	Ratio	Lower	Upper
82	100		
128	47.0	30.7	46.1#
54	46.3	42.5	63.7



#24
 Nitrobenzene
 Concen: 39.87 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	77	Resp	280725
Ion	Ratio	Lower	Upper
77	100		
123	60.9	29.8	44.6#
65	11.6	11.1	16.7





#25

Isophorone

Concen: 39.45 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

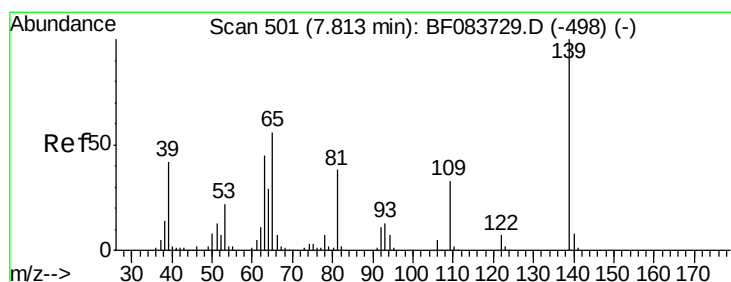
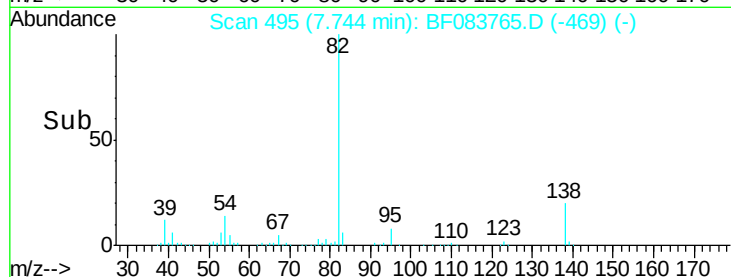
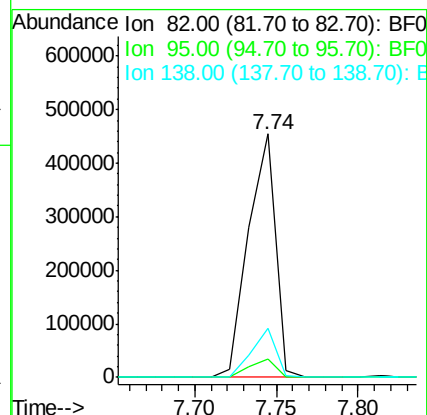
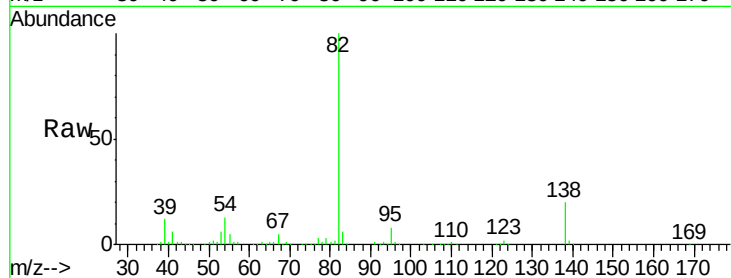
Tot Ion: 82 Resp: 523611

Ion Ratio Lower Upper

82 100

95 7.5 5.0 7.4#

138 20.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 38.47 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

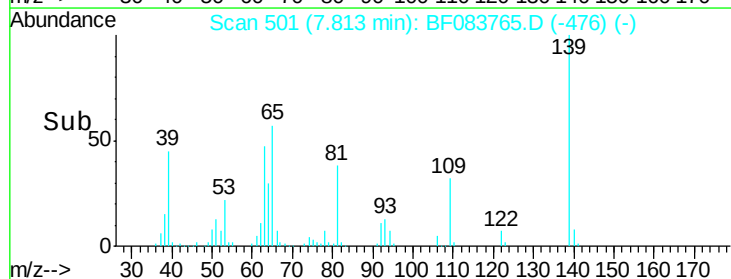
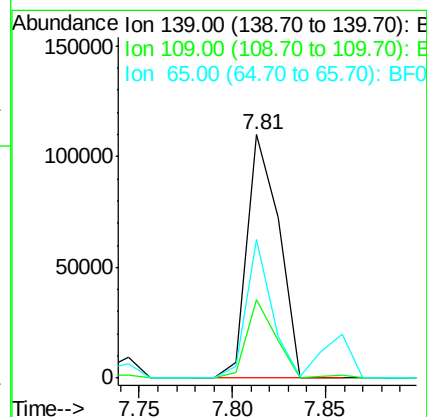
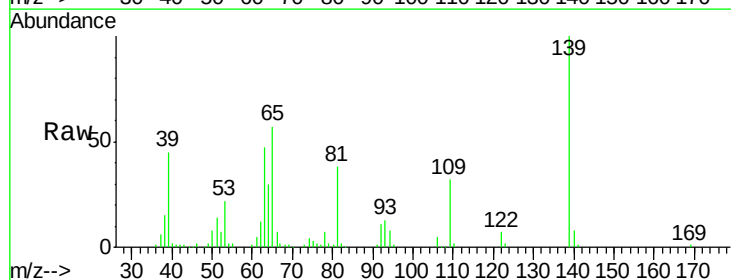
Tgt Ion: 139 Resp: 130126

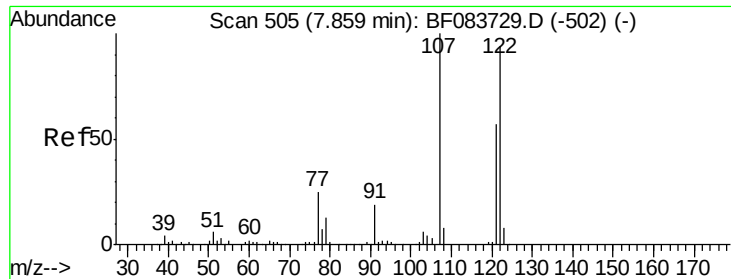
Ion Ratio Lower Upper

139 100

109 32.2 22.7 34.1

65 57.2 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 39.98 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

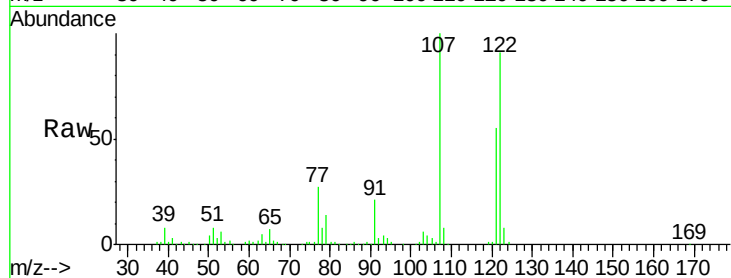
Tot Ion:122 Resp: 265688

Ion Ratio Lower Upper

122 100

107 110.4 92.4 138.6

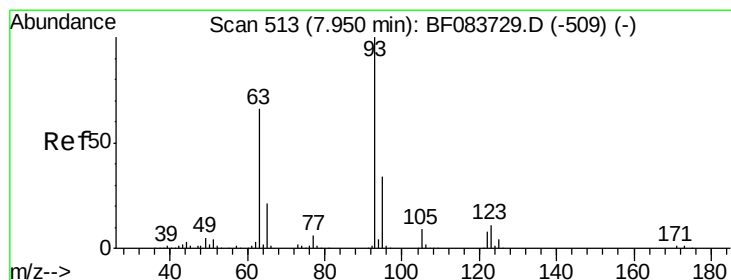
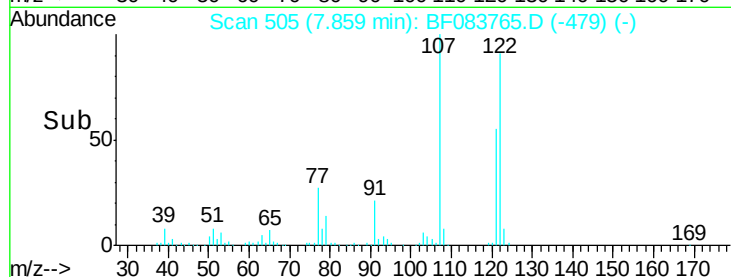
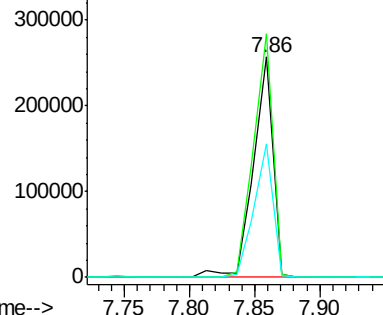
121 60.4 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

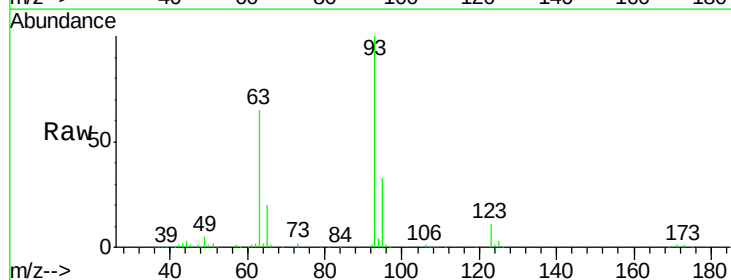
Tgt Ion: 93 Resp: 311177

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

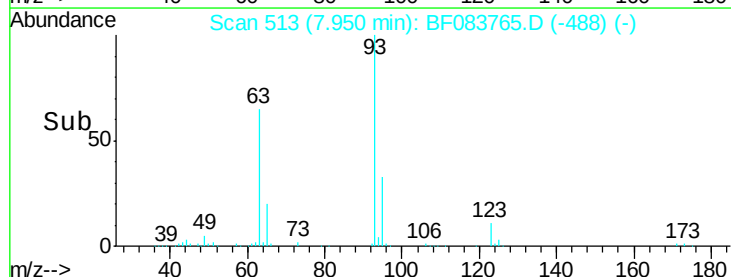
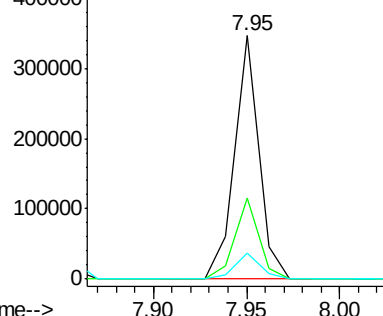
123 10.6 7.3 10.9

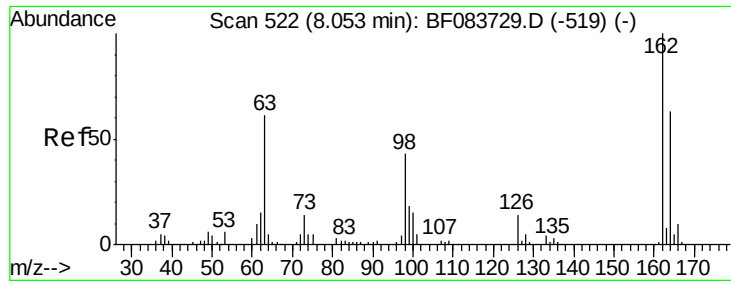


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

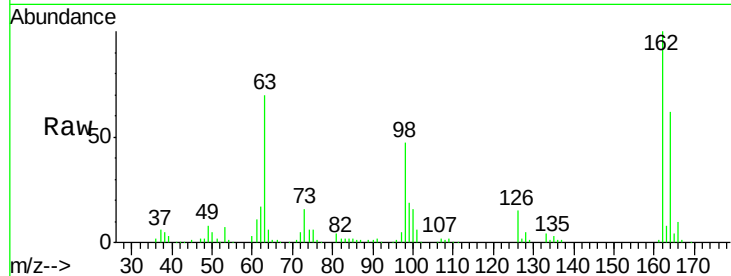




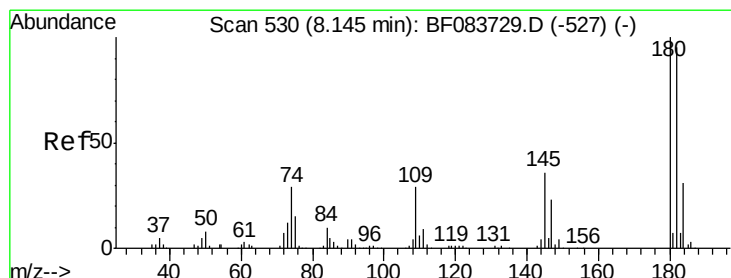
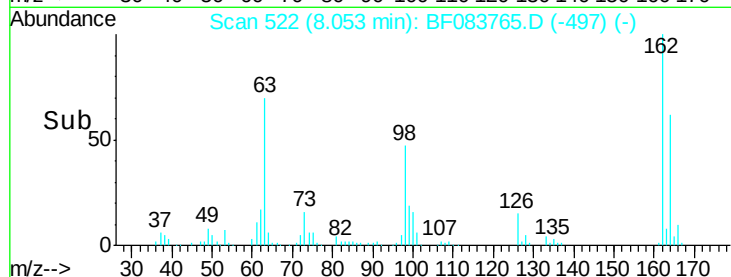
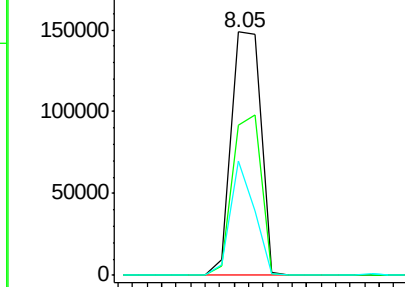
#29
 2,4-Dichlorophenol
 Concen: 38.89 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.4	83.4
98	47.2	17.5	57.5

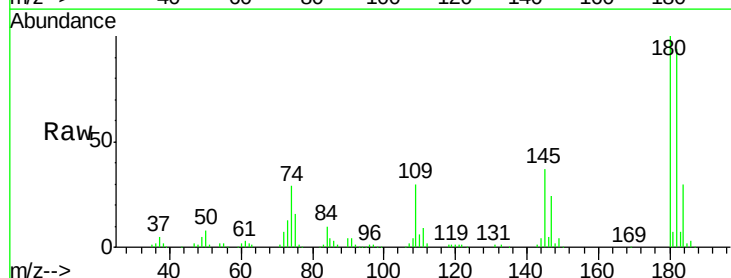


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

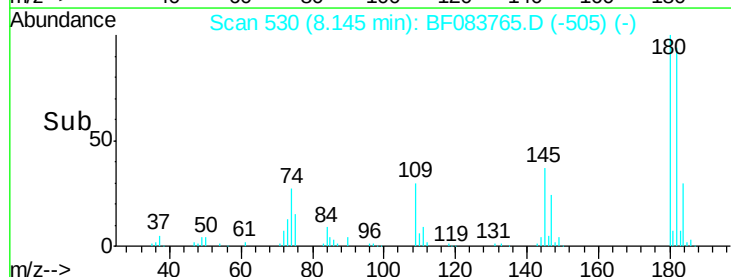
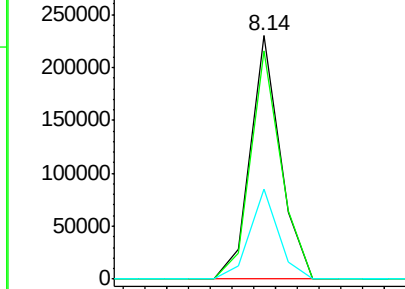


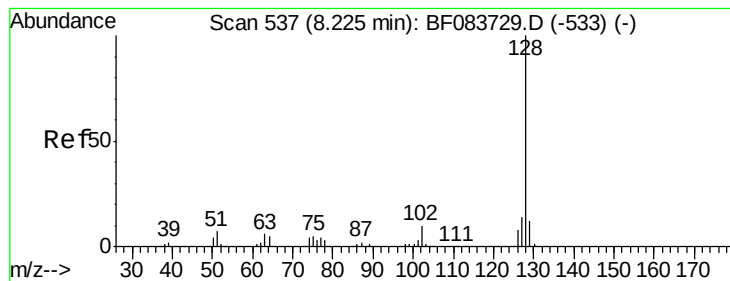
#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.9	112.3
145	37.0	24.7	37.1



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





#31

Naphthalene

Concen: 38.25 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

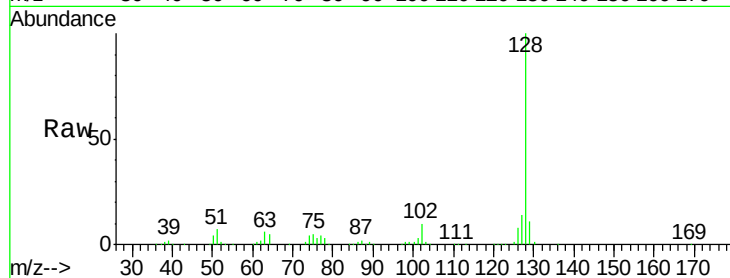
Tot Ion:128 Resp: 754519

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

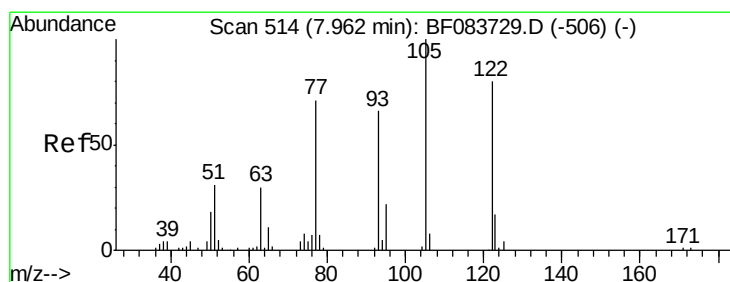
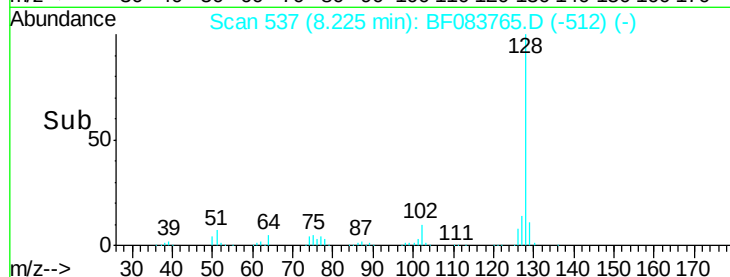
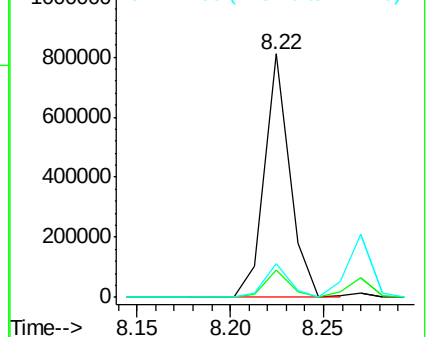
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.15 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.10 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

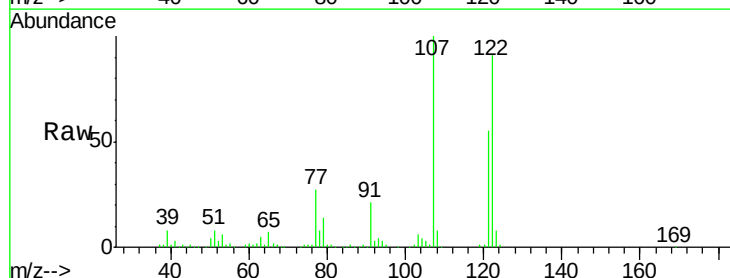
Tgt Ion:122 Resp: 265688

Ion Ratio Lower Upper

122 100

105 3.5 105.6 145.6#

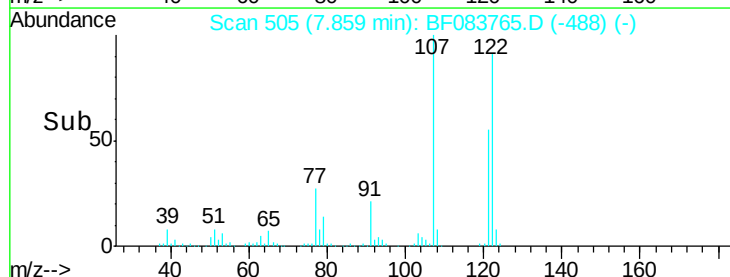
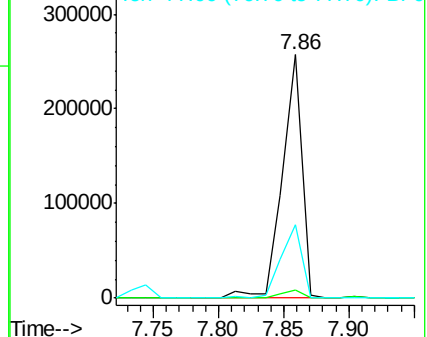
77 30.1 86.8 126.8#

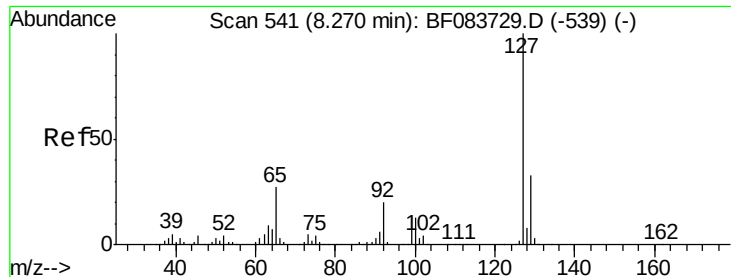


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

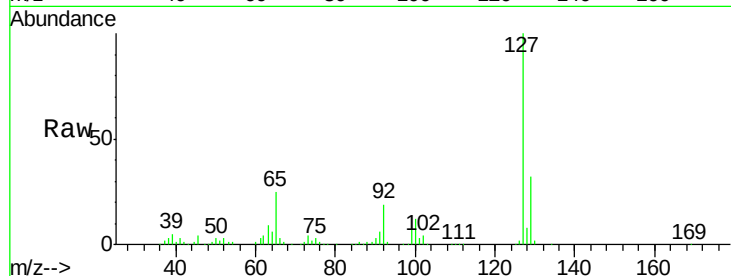




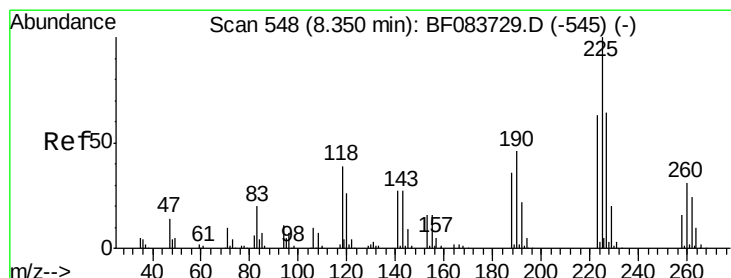
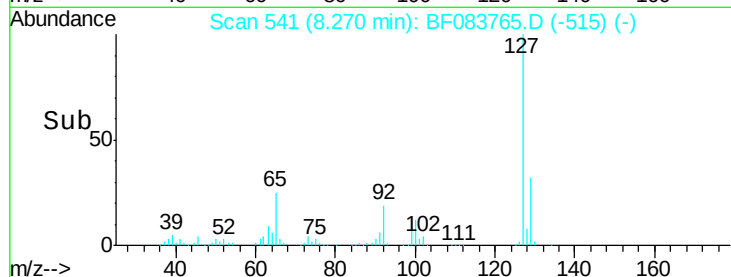
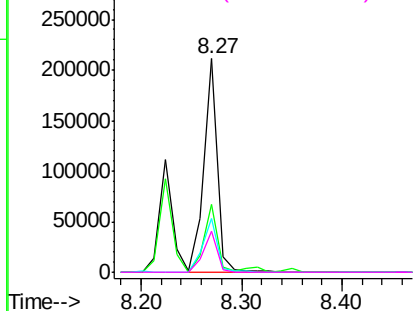
#33
 4-Chloroaniline
 Concen: 24.48 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	197238
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	25.4	33.5	50.3#
92	18.9	18.6	28.0

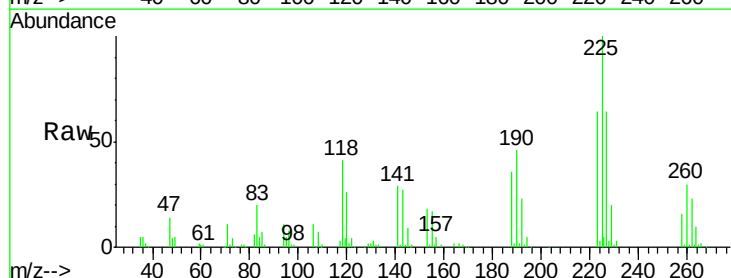


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

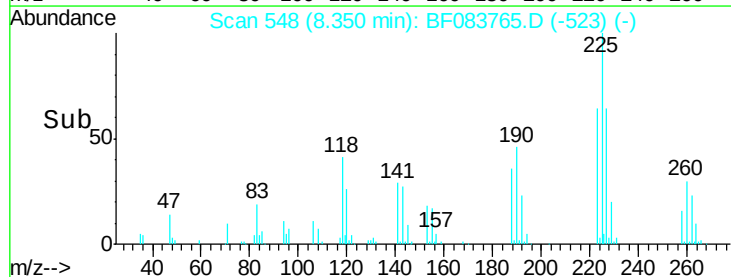
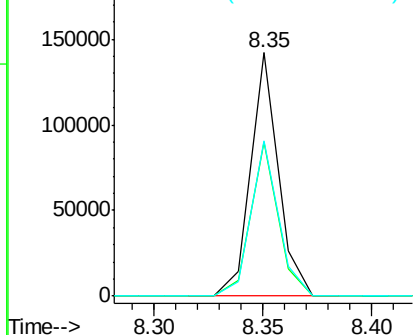


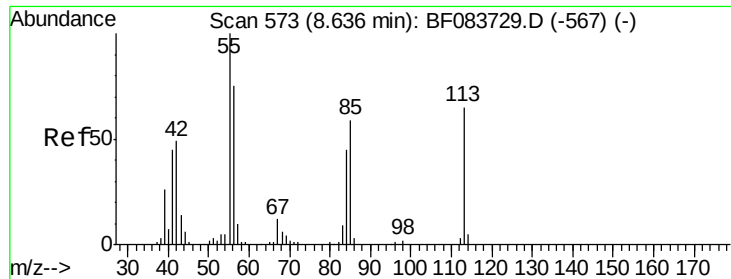
#34
 Hexachlorobutadiene
 Concen: 40.40 ng
 RT: 8.35 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:	225	Resp:	125442
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.3	78.5
227	63.7	50.4	75.6



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

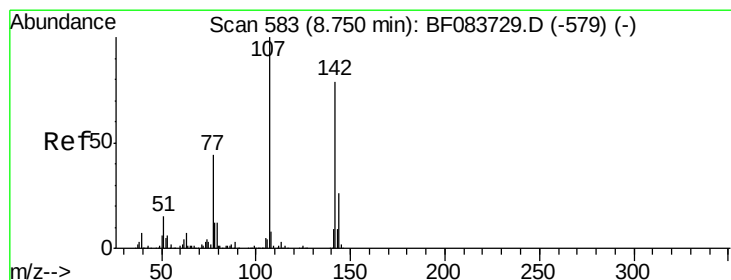
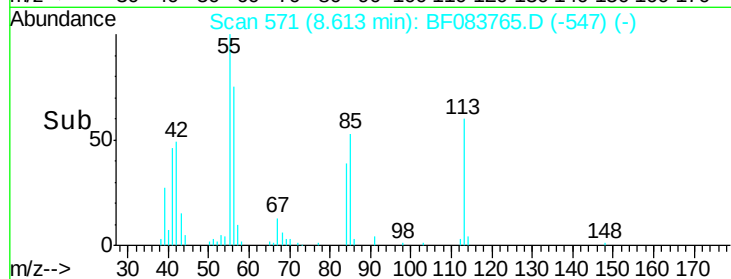
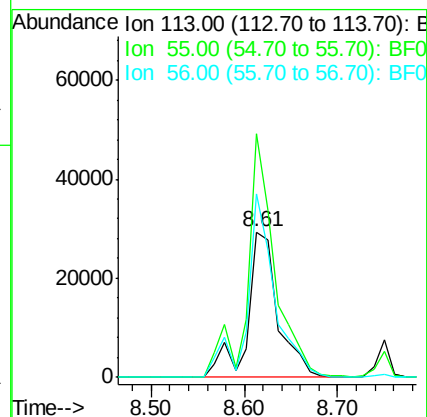
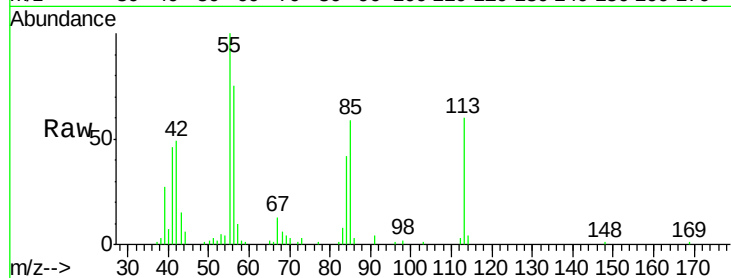




#35
 Caprolactam
 Concen: 37.92 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

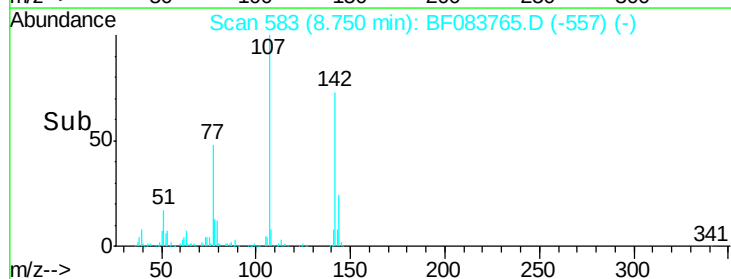
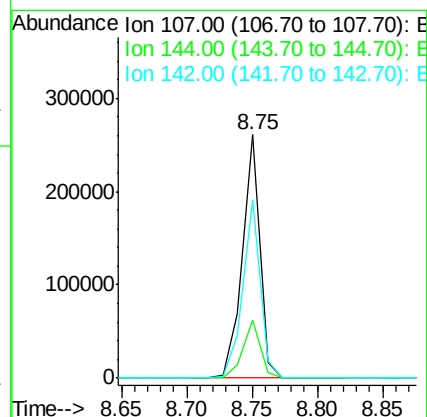
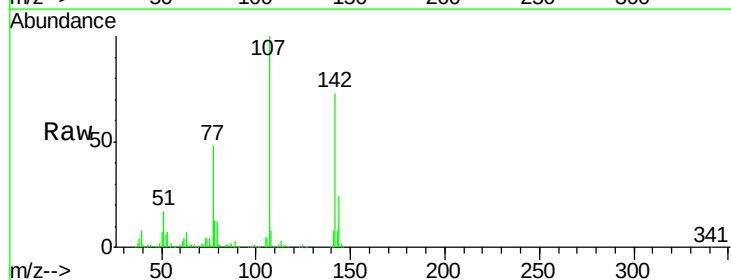
Instrument :
 BNA_F
 ClientSampleId :

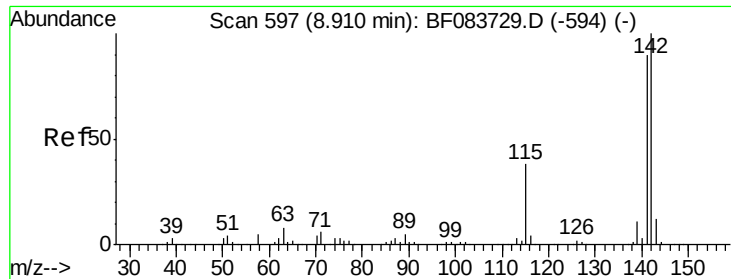
Tot Ion:113 Resp: 66443
 Ion Ratio Lower Upper
 113 100
 55 167.3 189.7 229.7#
 56 126.3 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.91 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:107 Resp: 241951
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.5 26.3
 142 73.3 53.6 80.4

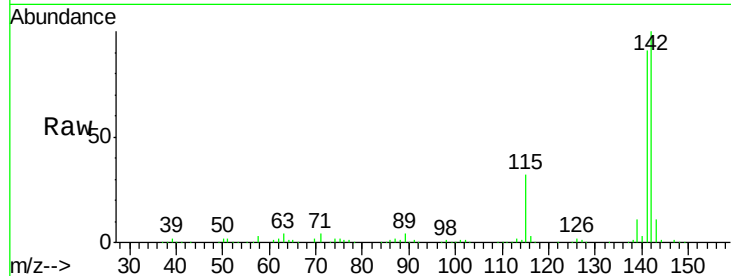




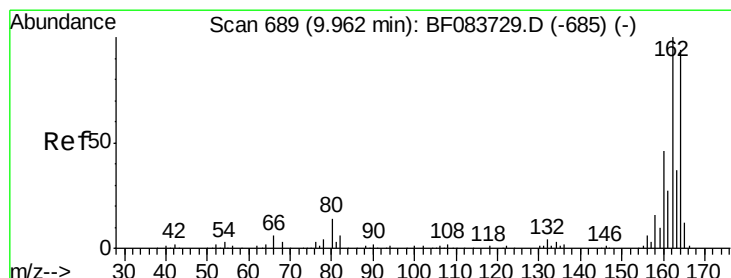
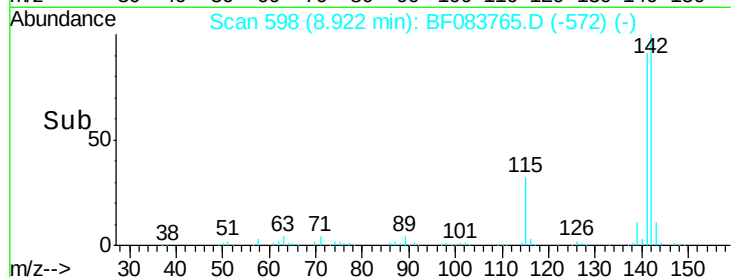
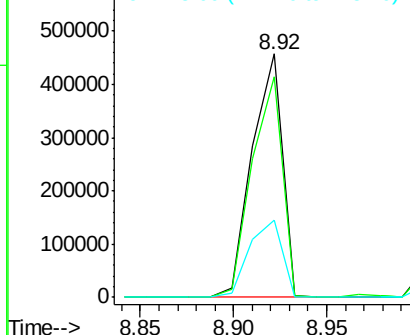
#37
2-Methylnaphthalene
Concen: 42.24 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	31.9	29.2	43.8

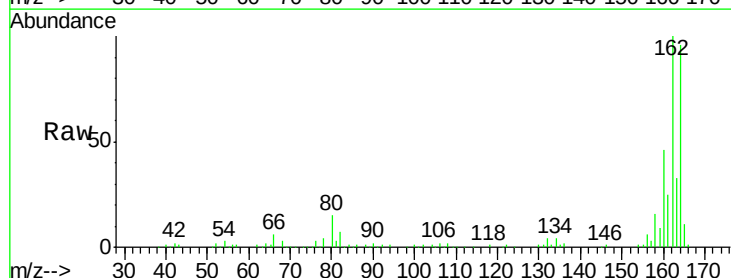


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

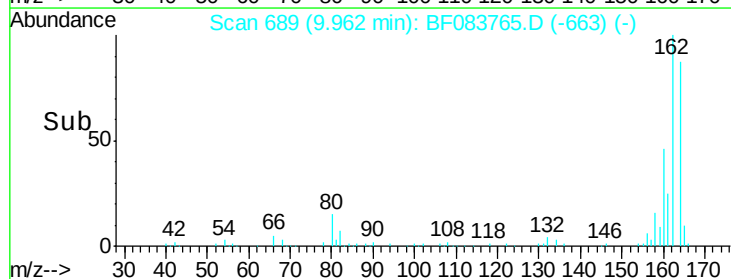
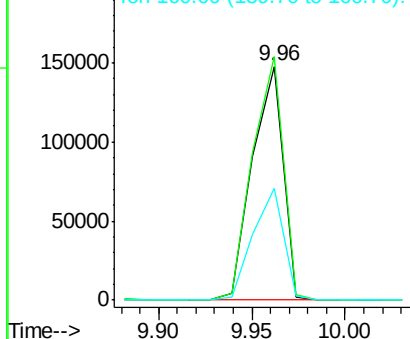


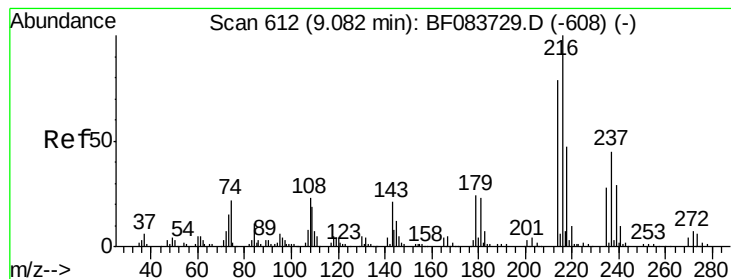
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	48.0	33.4	50.2



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: 38.73 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 192022

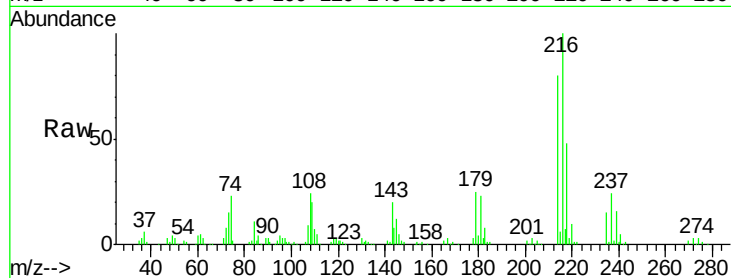
Ion Ratio Lower Upper

216 100

214 78.7 0.0 0.0#

179 23.1 0.0 0.0#

108 21.9 0.0 0.0#

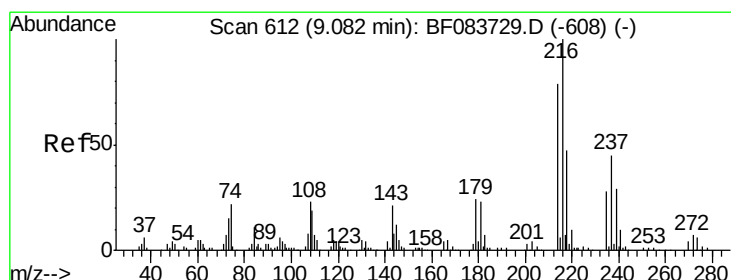
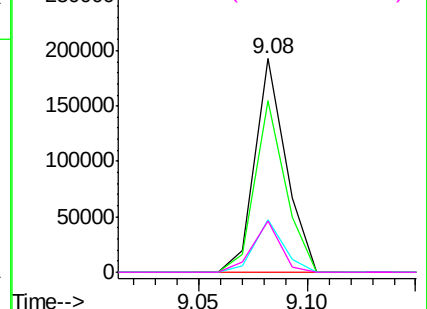
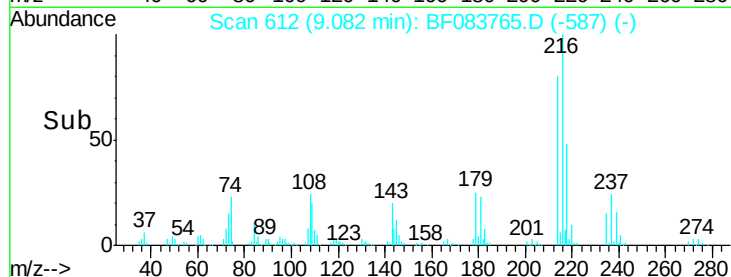


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 24.82 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

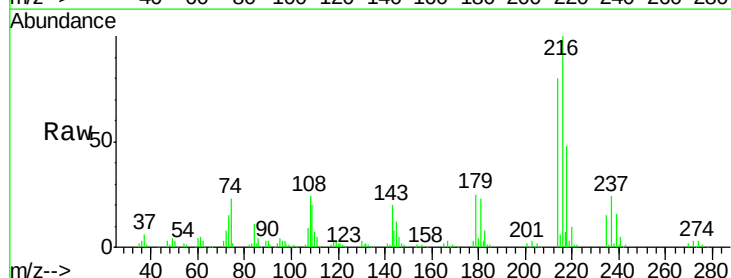
Tgt Ion:237 Resp: 62361

Ion Ratio Lower Upper

237 100

235 61.7 43.9 83.9

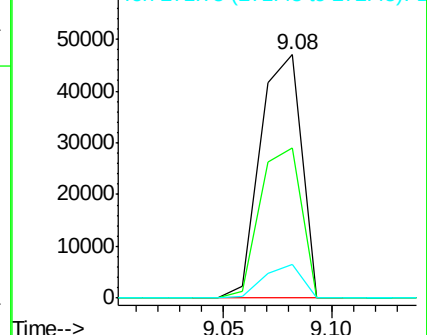
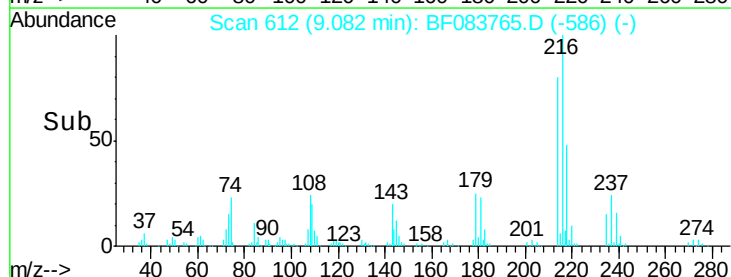
272 14.0 0.0 31.8

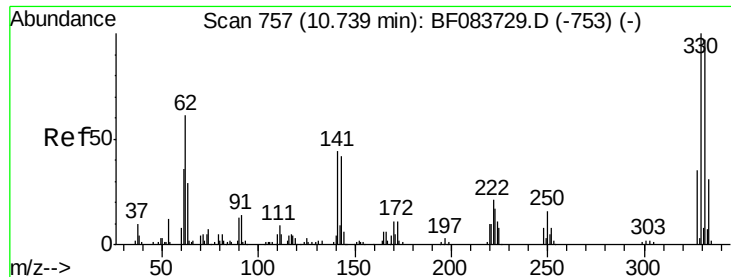


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

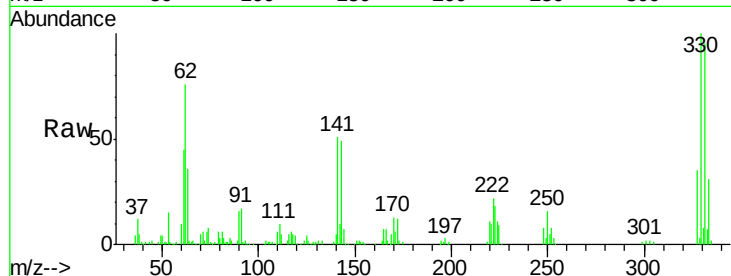




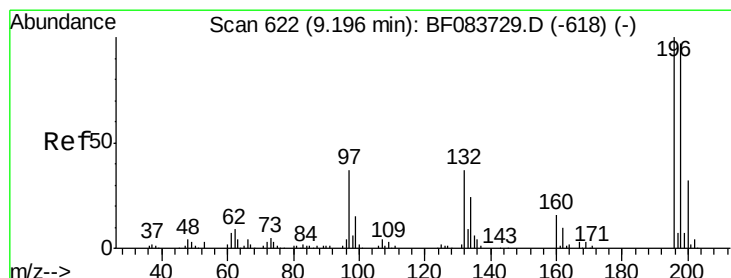
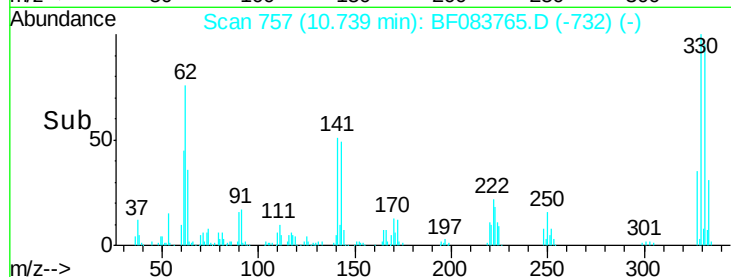
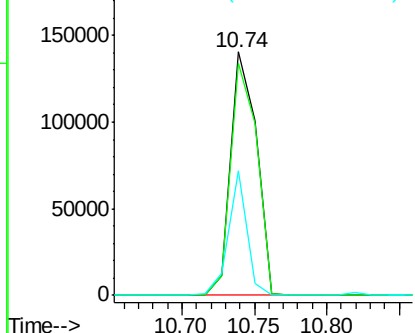
#41
 2,4,6-Tribromophenol
 Concen: 101.90 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	36.7	0.0	0.0#

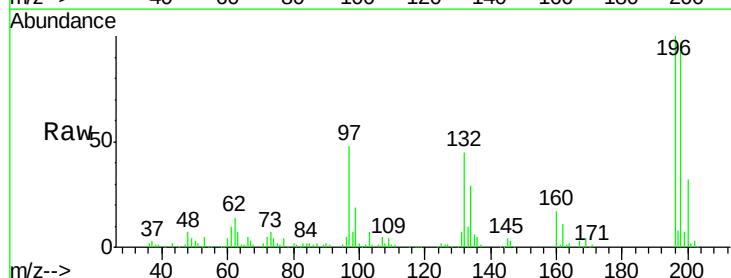


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

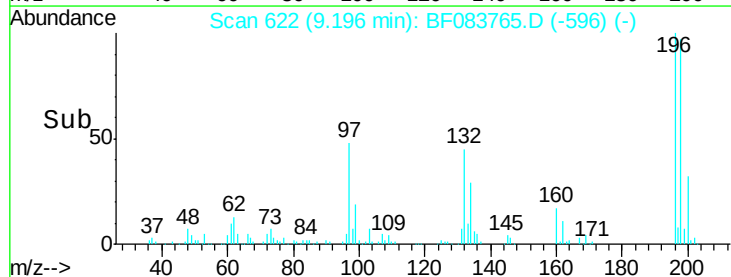
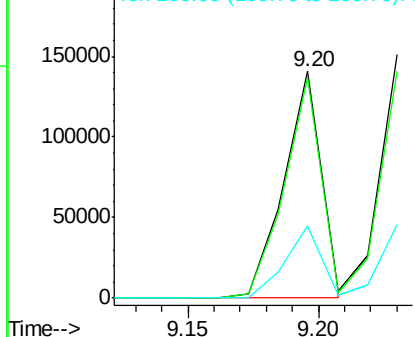


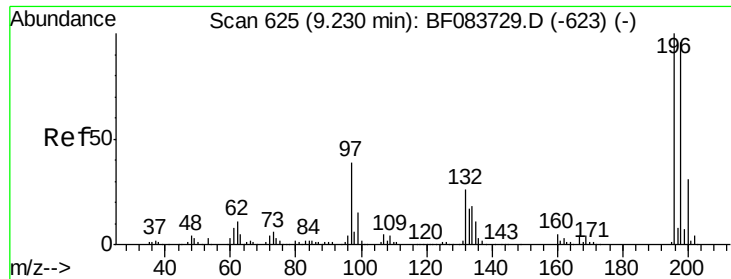
#42
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.2	112.8
200	31.7	23.0	34.6



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

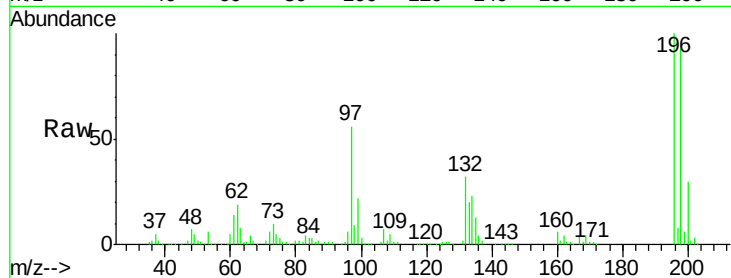




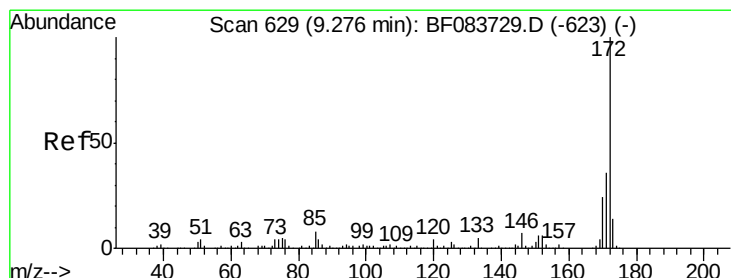
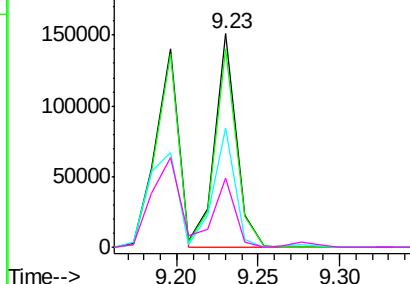
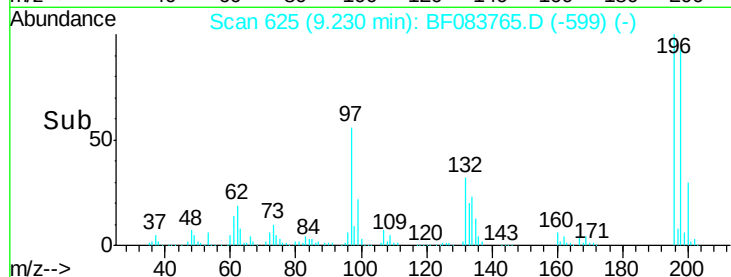
#43
 2,4,5-Trichlorophenol
 Concen: 40.30 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	138729
Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.7	116.5
97	56.0	41.2	61.8
132	32.3	21.8	32.8

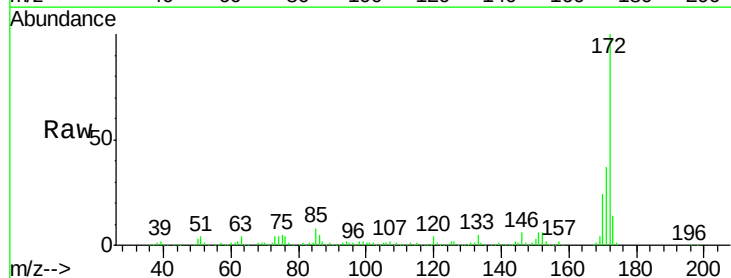


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

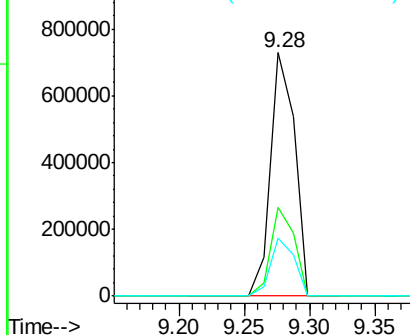
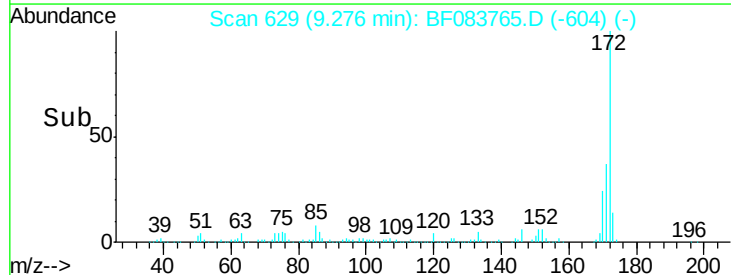


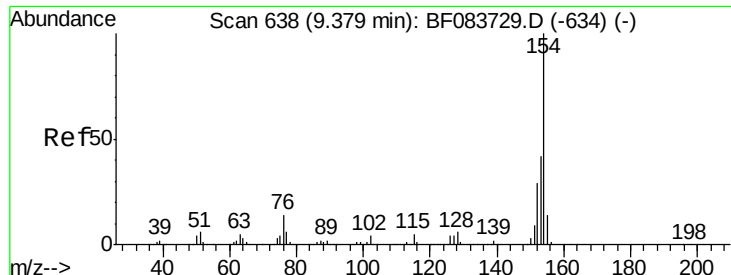
#44
 2-Fluorobiphenyl
 Concen: 81.95 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:	172	Resp:	950457
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	23.9	19.4	29.0



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

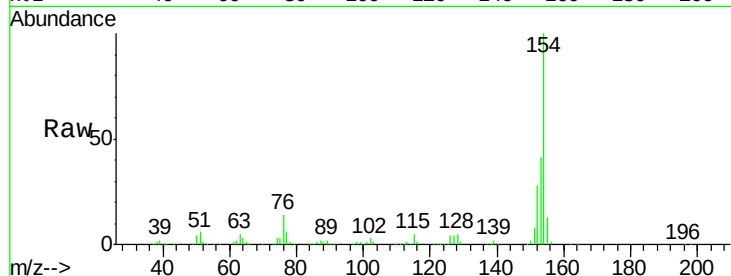




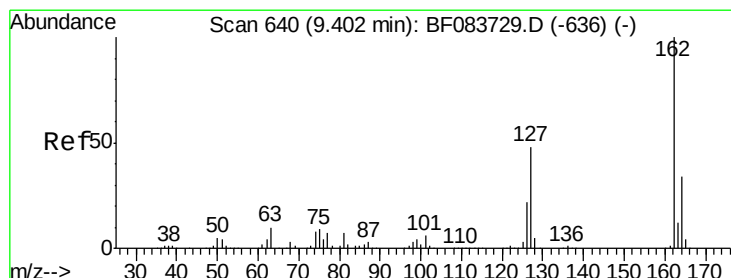
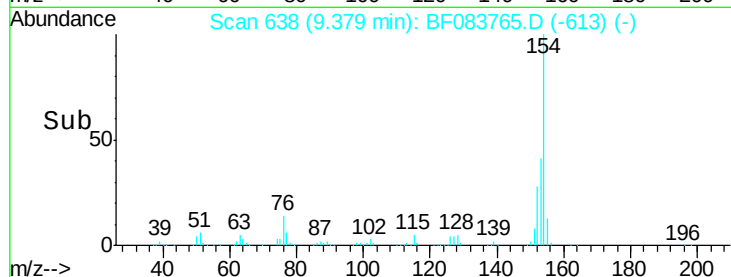
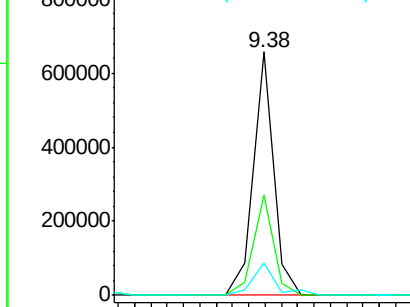
#45
1,1'-Biphenyl
Concen: 38.29 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 570314
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 13.5 0.0 34.8

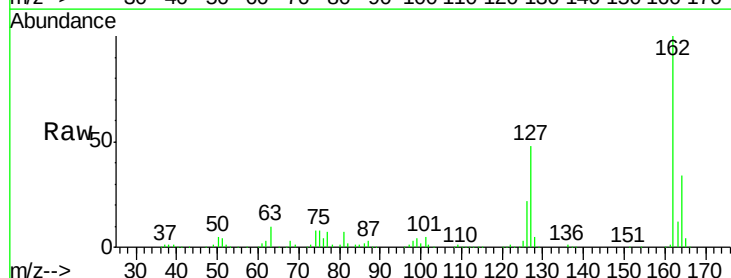


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

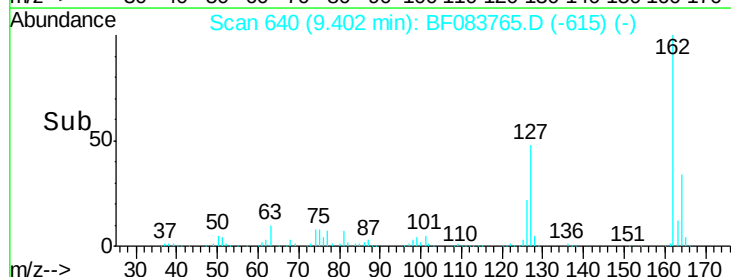
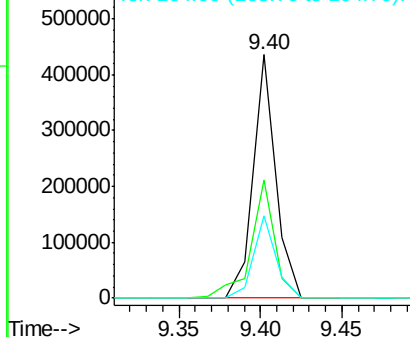


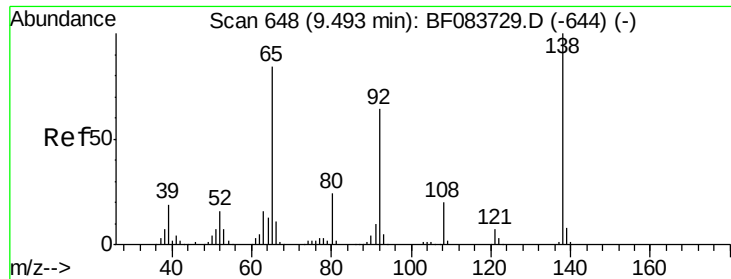
#46
2-Chloronaphthalene
Concen: 38.06 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:162 Resp: 418432
Ion Ratio Lower Upper
162 100
127 48.3 31.0 46.4#
164 33.7 27.4 41.0



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

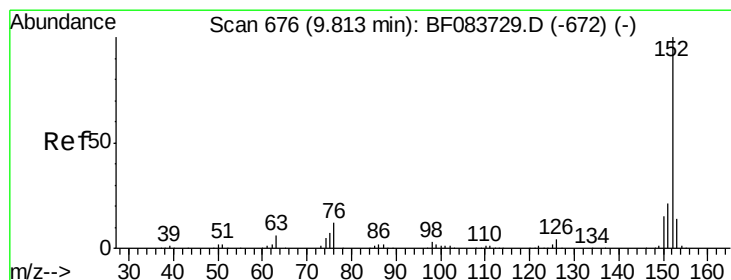
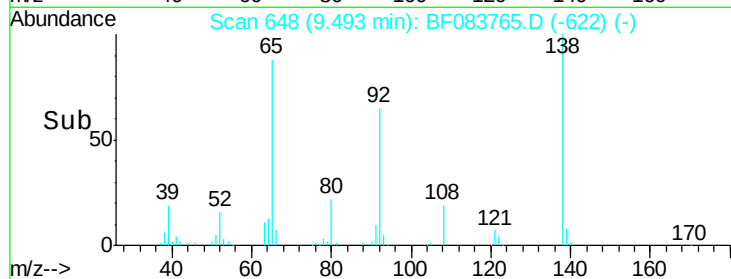
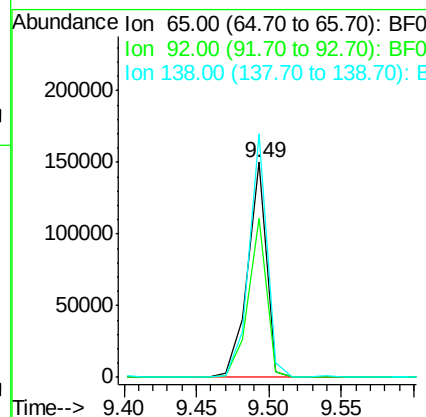
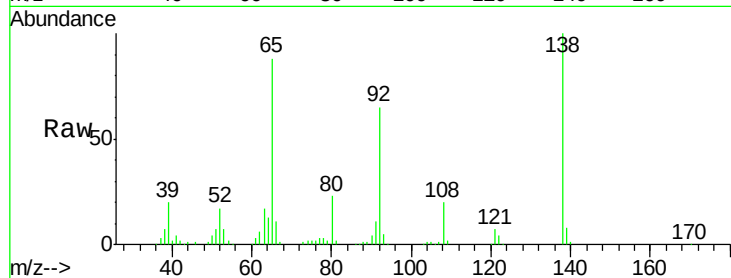




#47
 2-Nitroaniline
 Concen: 43.55 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

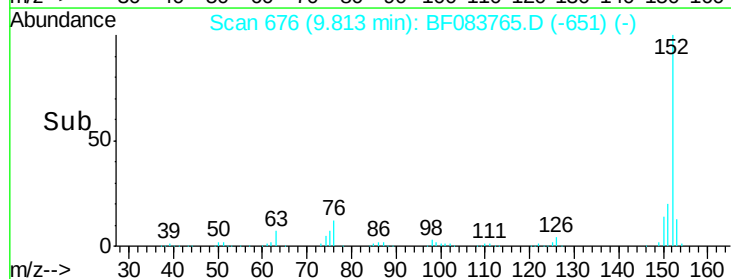
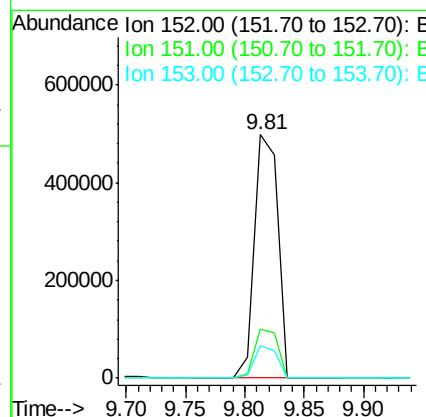
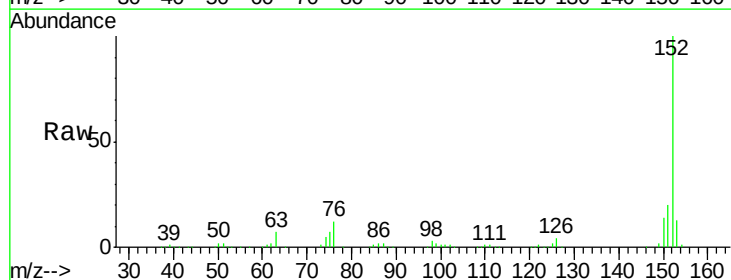
Instrument :
 BNA_F
 ClientSampleId :

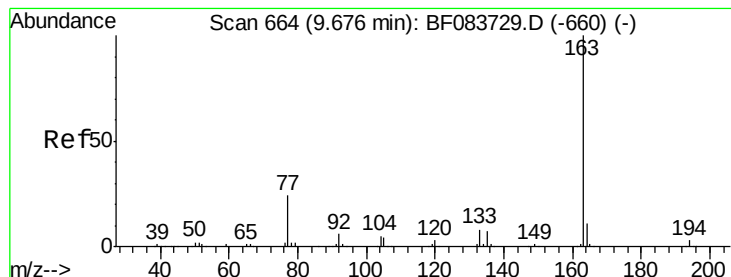
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.0	49.6	74.4
138	113.1	64.1	96.1#



#48
 Acenaphthylene
 Concen: 37.19 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 49.34 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

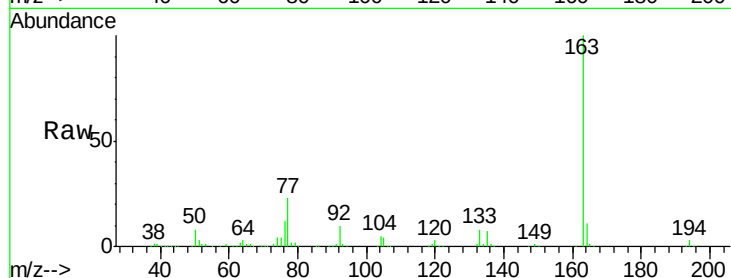
Tot Ion:163 Resp: 646437

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

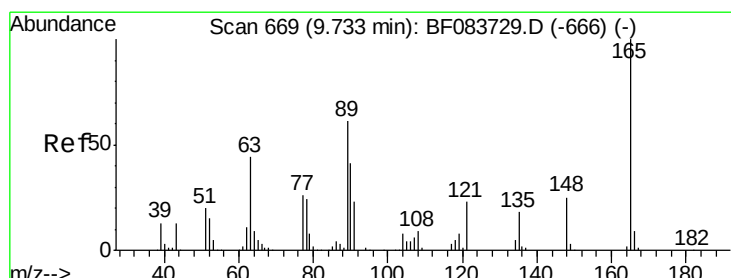
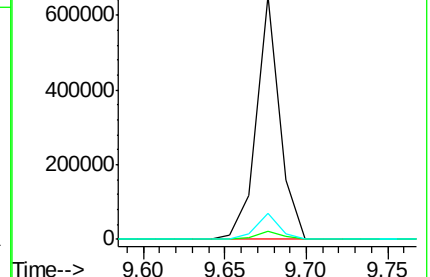
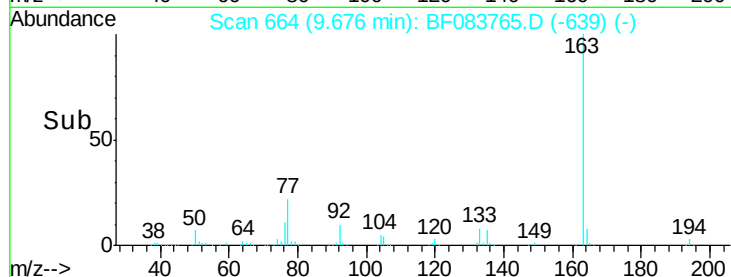
164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

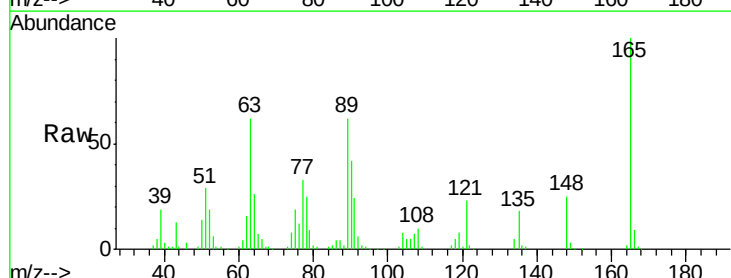
Tgt Ion:165 Resp: 101355

Ion Ratio Lower Upper

165 100

63 62.3 56.9 85.3

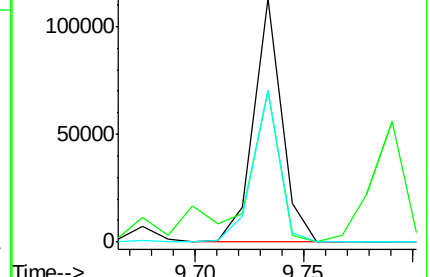
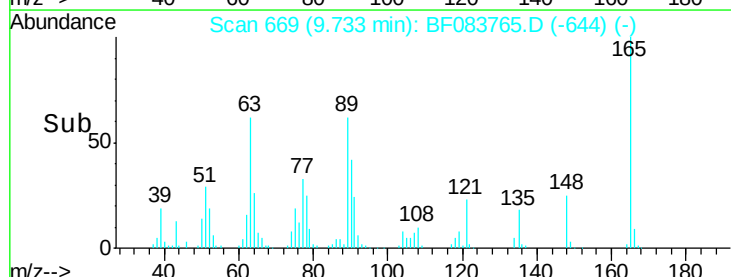
89 62.1 52.1 78.1

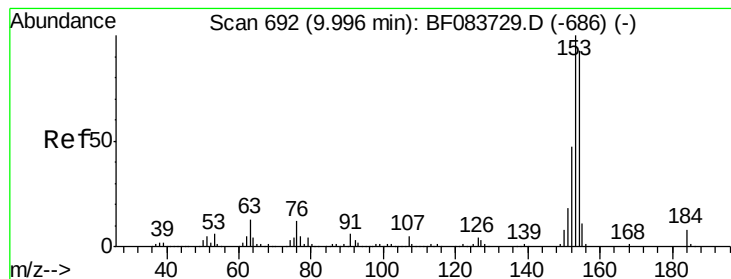


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.29 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

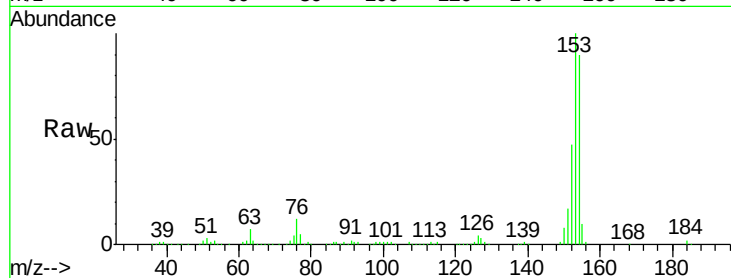
Tot Ion:154 Resp: 416987

Ion Ratio Lower Upper

154 100

153 111.0 91.4 137.0

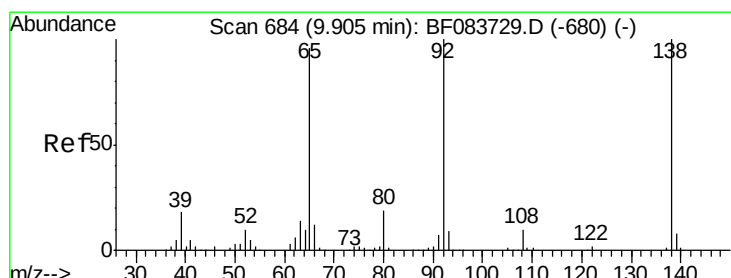
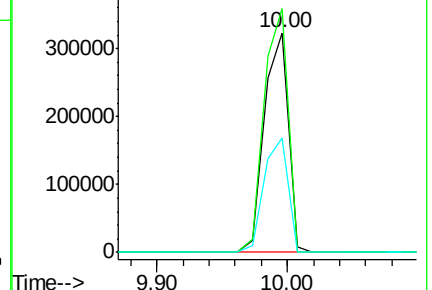
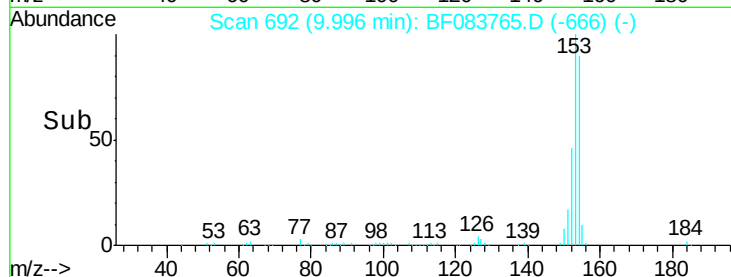
152 52.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.14 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

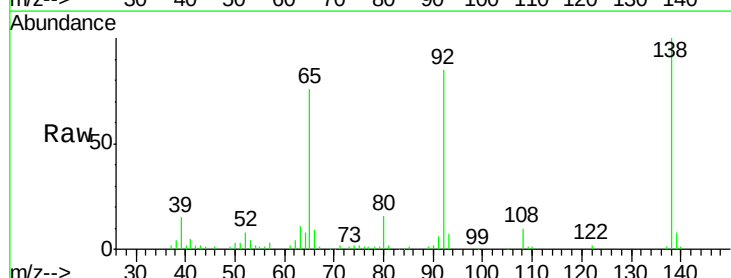
Tgt Ion:138 Resp: 96645

Ion Ratio Lower Upper

138 100

108 9.9 9.9 14.9#

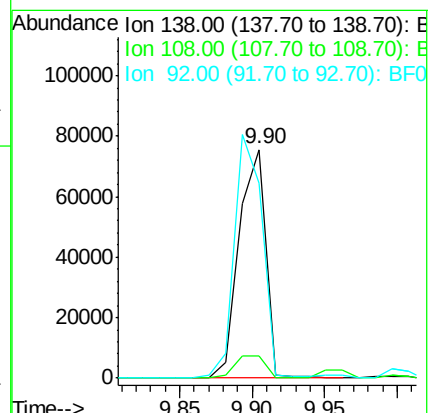
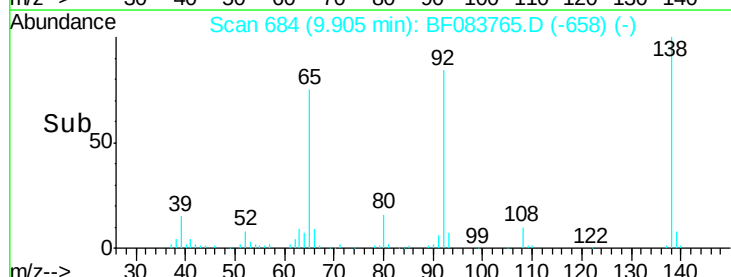
92 85.5 113.8 170.8#

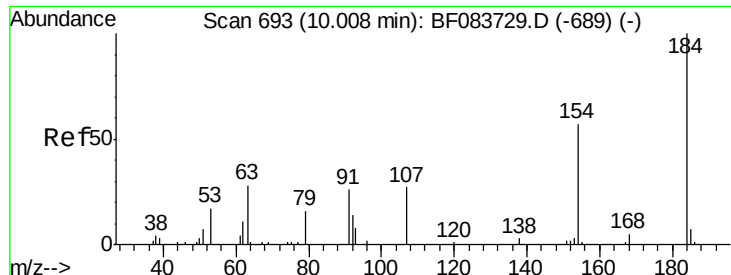


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

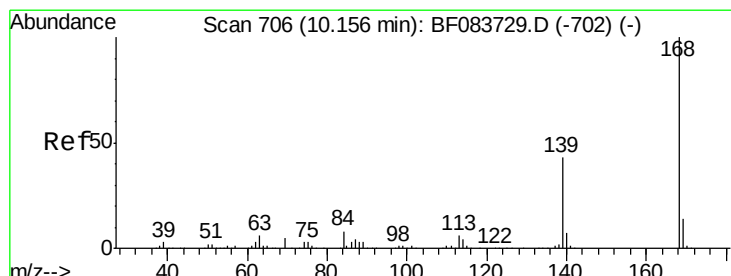
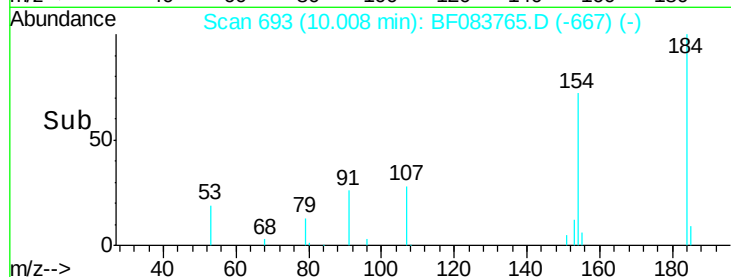
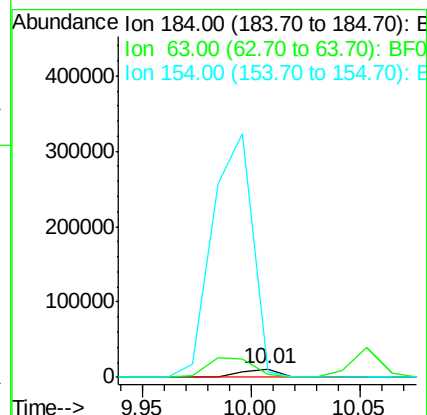
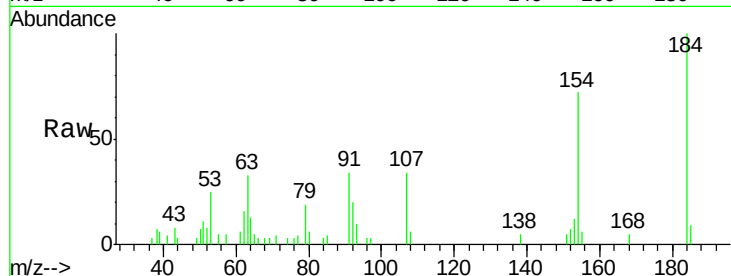




#53
 2,4-Dinitrophenol
 Concen: 15.63 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

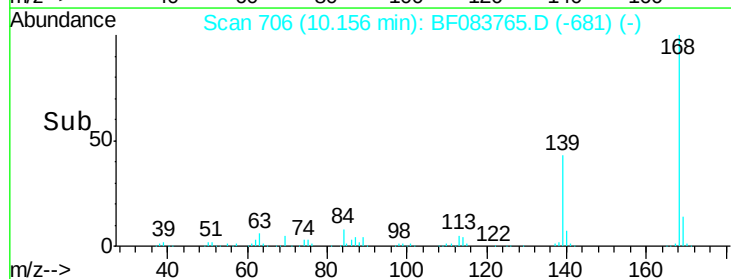
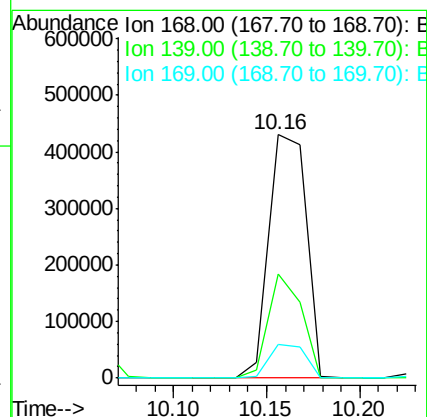
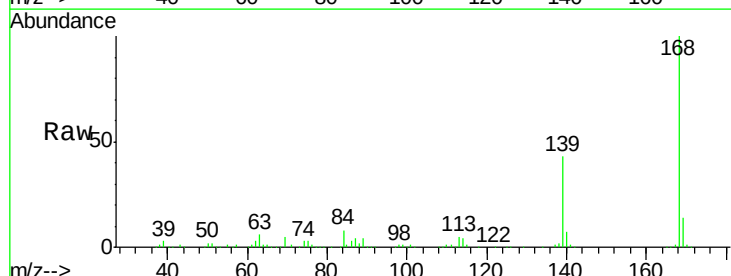
Instrument :
 BNA_F
 ClientSampled :

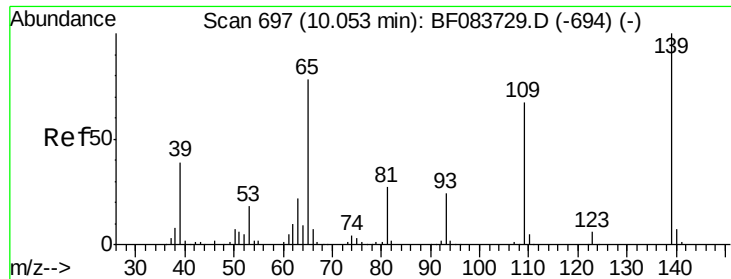
Tot Ion:184 Resp: 12579
 Ion Ratio Lower Upper
 184 100
 63 33.0 62.4 93.6#
 154 72.1 46.6 69.8#



#54
 Dibenzofuran
 Concen: 40.38 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:168 Resp: 598350
 Ion Ratio Lower Upper
 168 100
 139 42.5 28.0 42.0#
 169 13.9 10.8 16.2

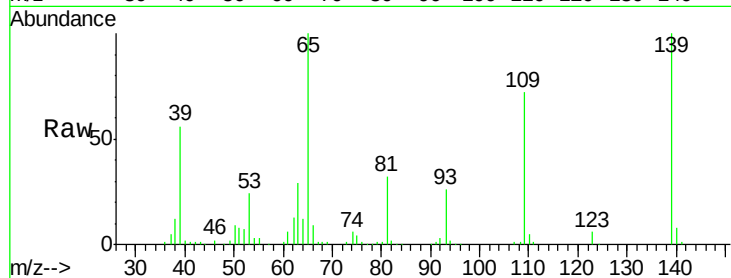




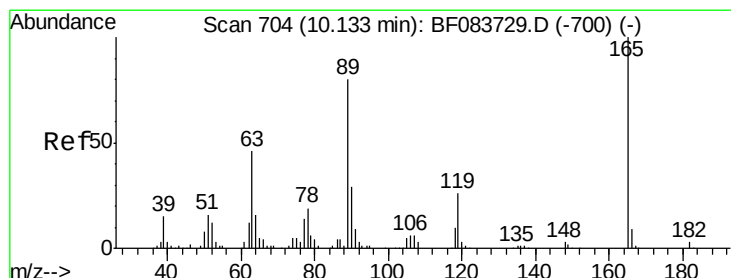
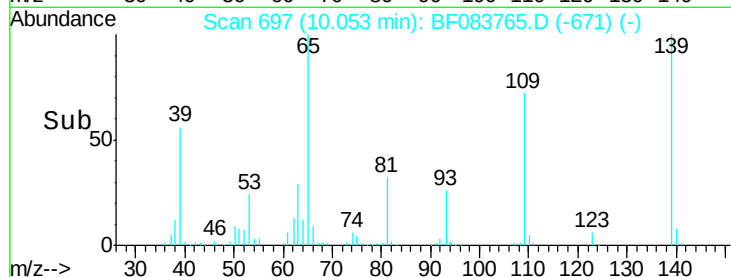
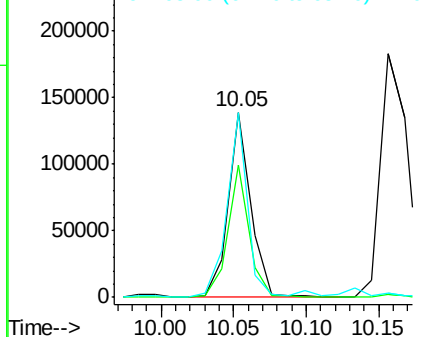
#55
4-Nitrophenol
Concen: 63.49 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 150717
Ion Ratio Lower Upper
139 100
109 71.6 42.0 82.0
65 99.8 89.2 129.2

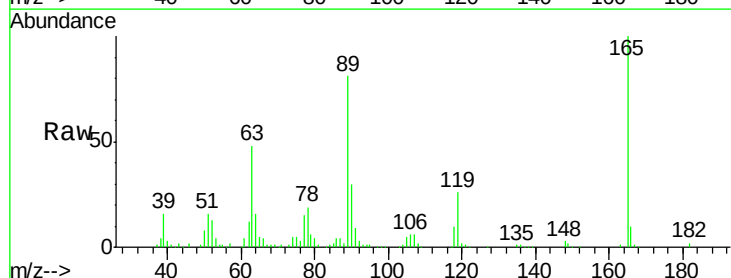


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

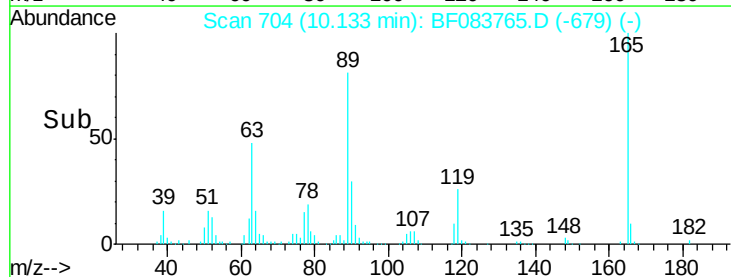
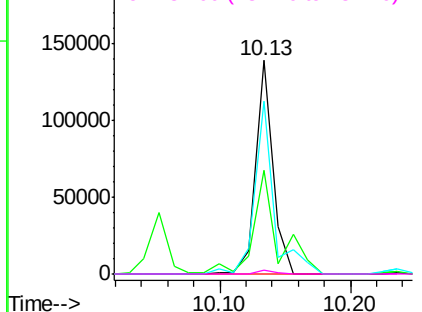


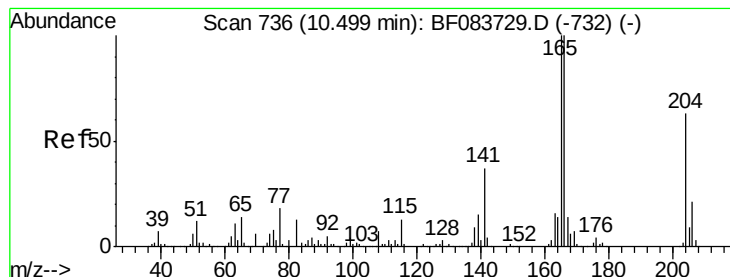
#56
2,4-Dinitrotoluene
Concen: 35.18 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:165 Resp: 127814
Ion Ratio Lower Upper
165 100
63 48.5 51.4 77.2#
89 81.0 72.6 108.8
182 2.0 1.4 2.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.78 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

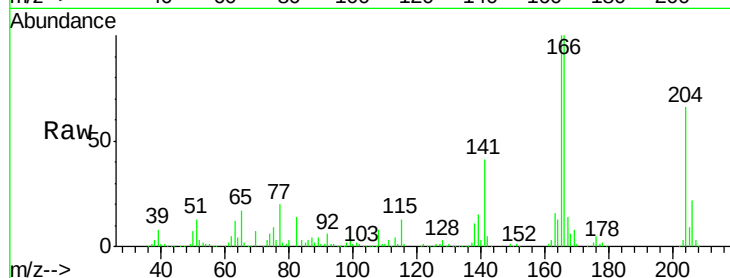
Tot Ion:166 Resp: 405865

Ion Ratio Lower Upper

166 100

165 100.2 80.0 120.0

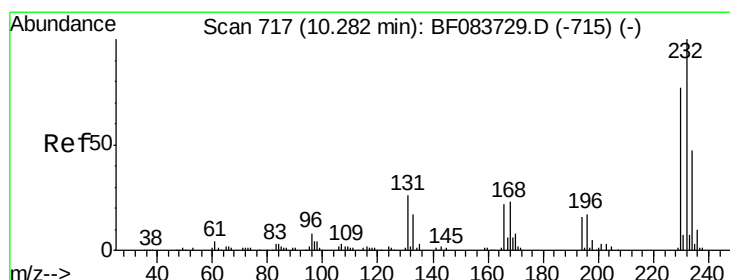
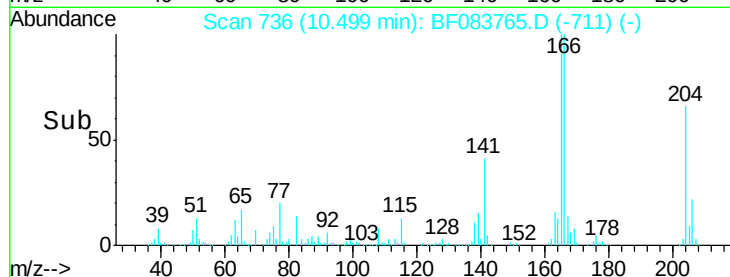
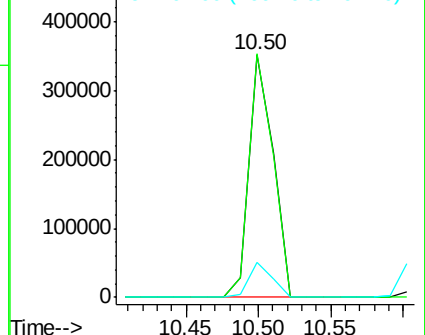
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.66 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:232 Resp: 102404

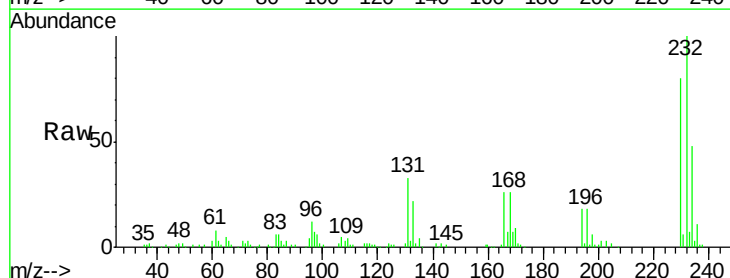
Ion Ratio Lower Upper

232 100

131 48.3 0.0 0.0#

130 2.7 0.0 0.0#

166 32.4 0.0 0.0#

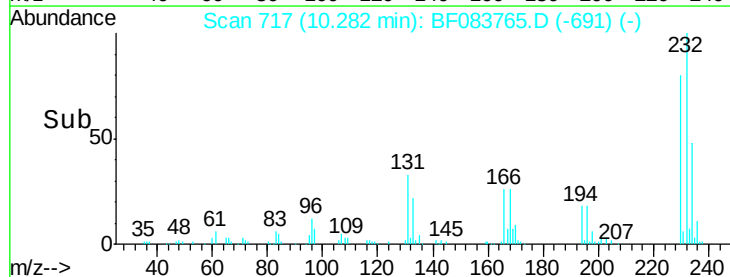
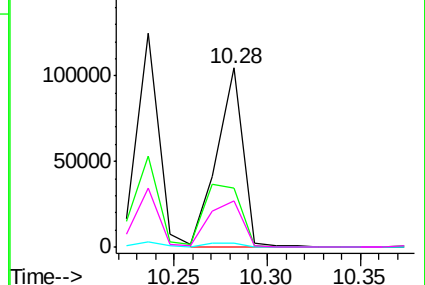


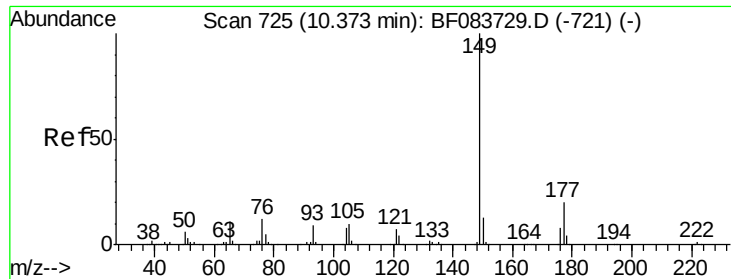
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

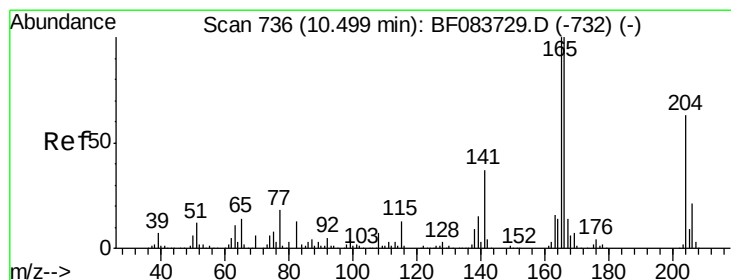
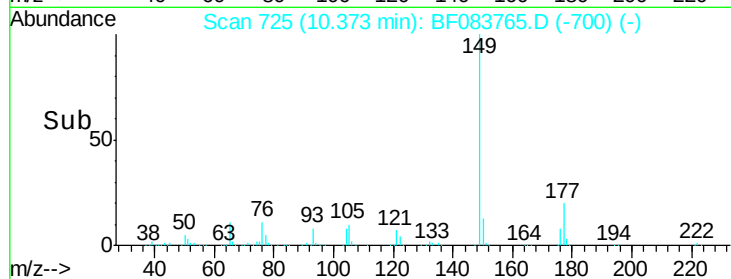
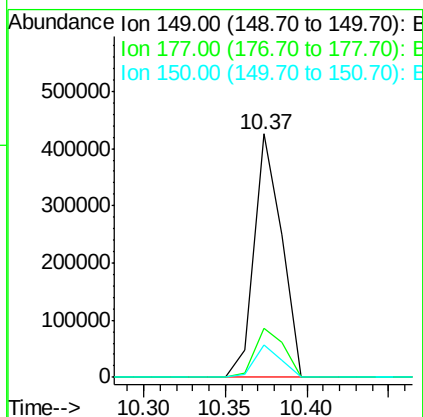
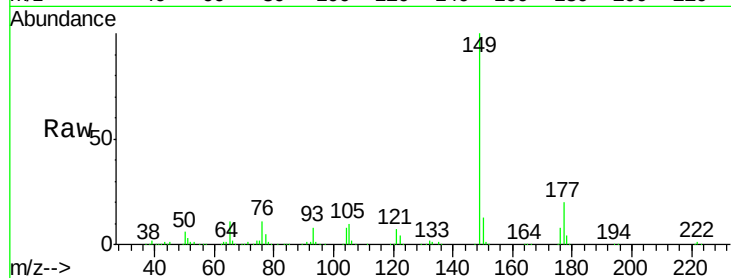




#59
Diethylphthalate
Concen: 37.48 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

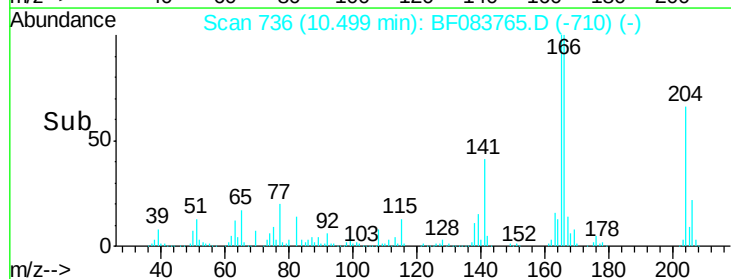
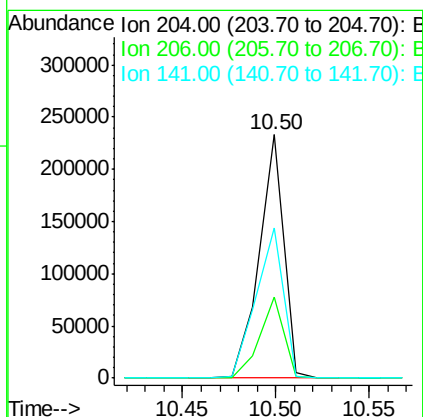
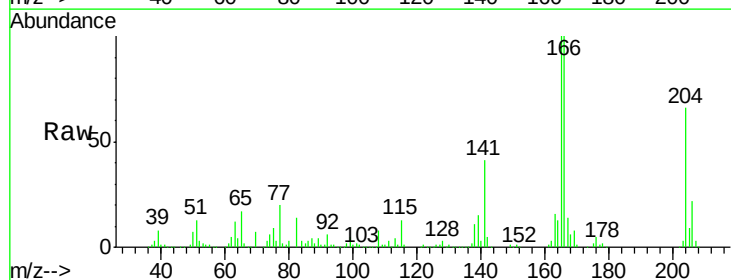
Instrument :
BNA_F
ClientSampleId :

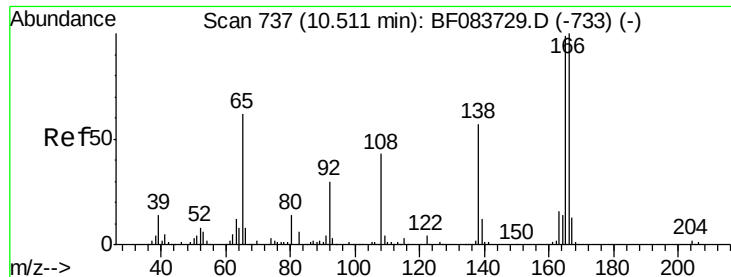
Tot Ion:149 Resp: 497244
Ion Ratio Lower Upper
149 100
177 20.1 16.9 25.3
150 13.3 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 39.66 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:204 Resp: 210987
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 61.8 51.9 77.9

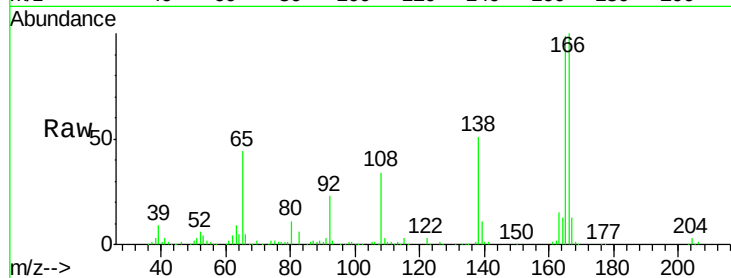




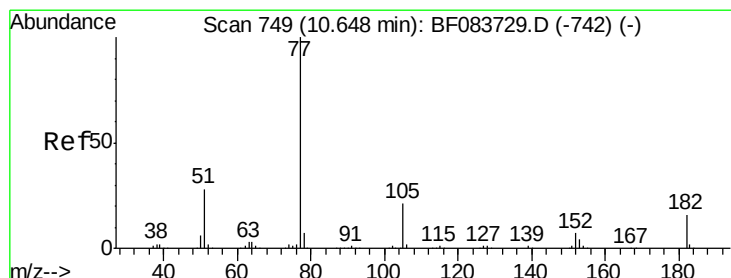
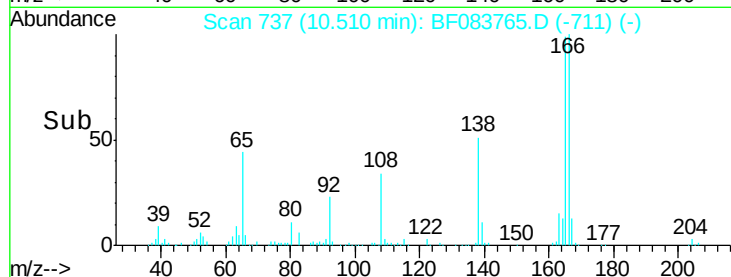
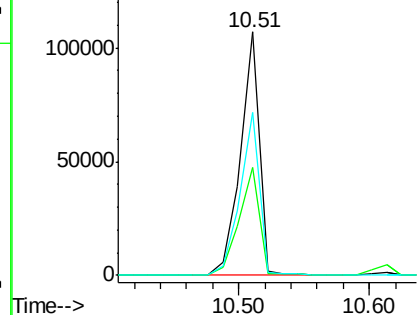
#61
4-Nitroaniline
Concen: 37.82 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106869
Ion Ratio Lower Upper
138 100
92 44.6 29.0 69.0
108 67.1 47.4 87.4

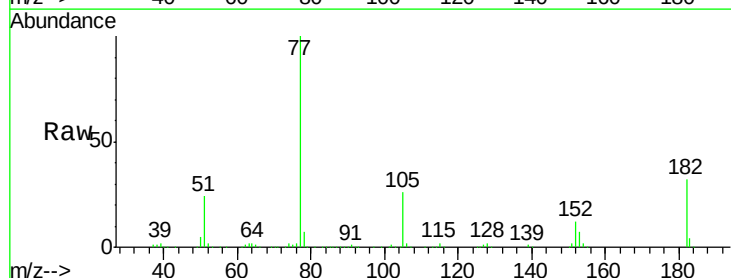


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

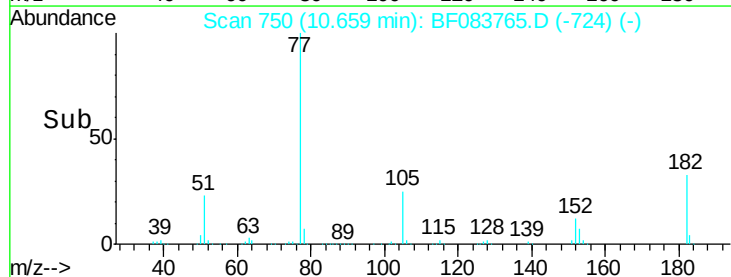
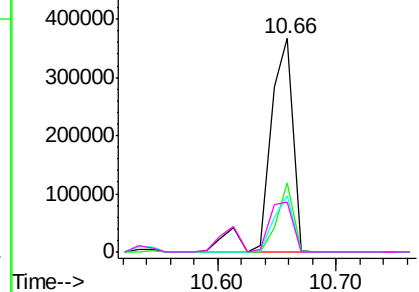


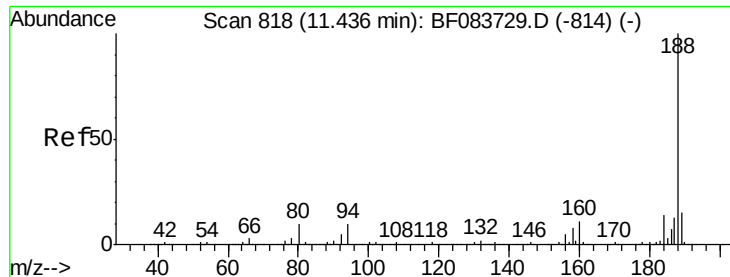
#62
Azobenzene
Concen: 41.59 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion: 77 Resp: 502853
Ion Ratio Lower Upper
77 100
182 32.5 2.5 42.5
105 26.5 2.1 42.1
51 23.5 9.3 49.3



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

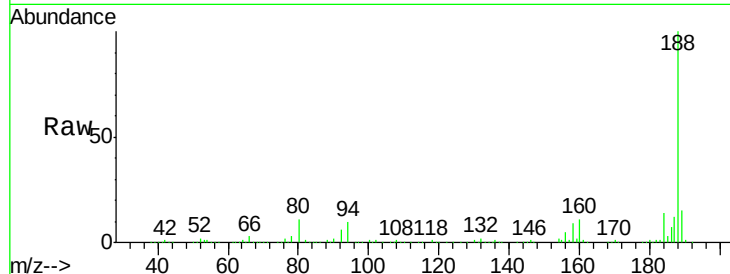




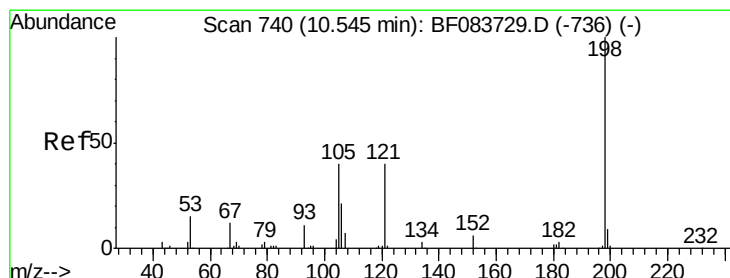
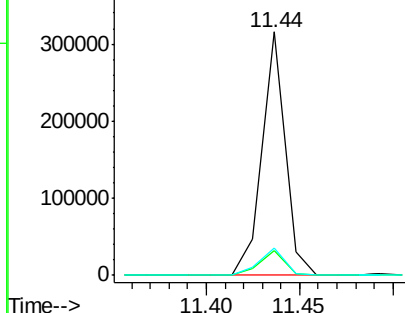
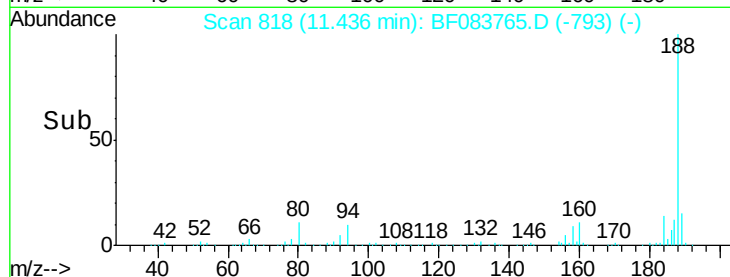
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 271048
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.4 10.6 16.0

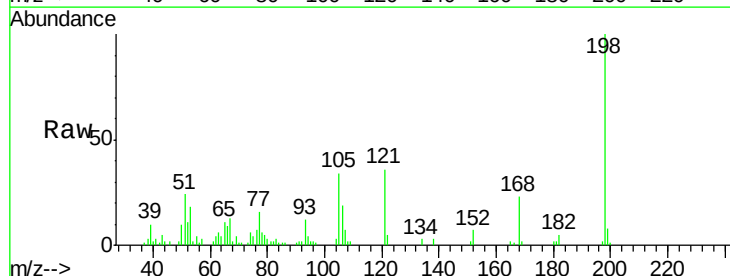


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

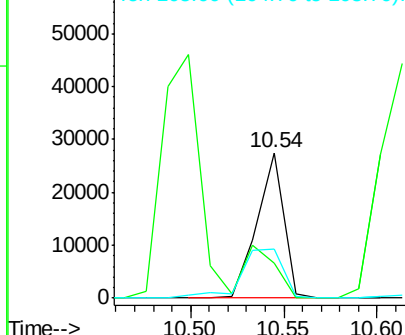
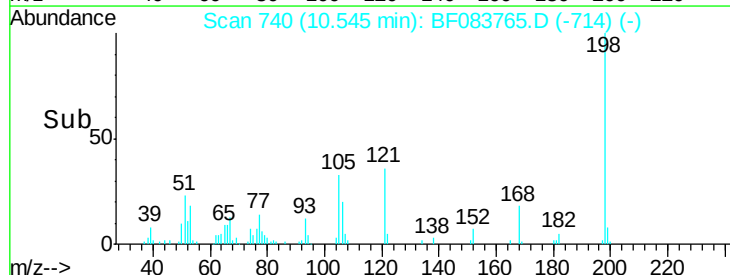


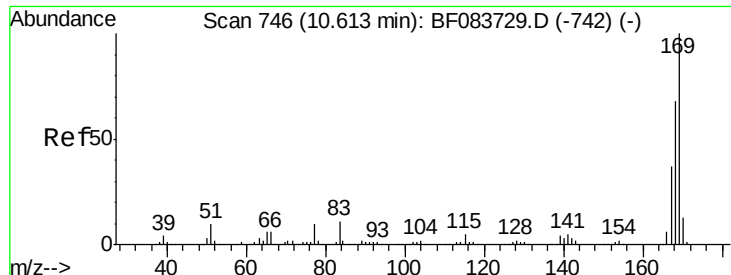
#64
4,6-Dinitro-2-methylphenol
Concen: 17.59 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:198 Resp: 27133
Ion Ratio Lower Upper
198 100
51 23.9 53.8 93.8#
105 34.2 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

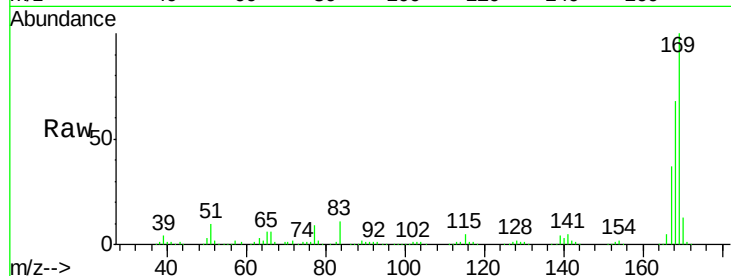




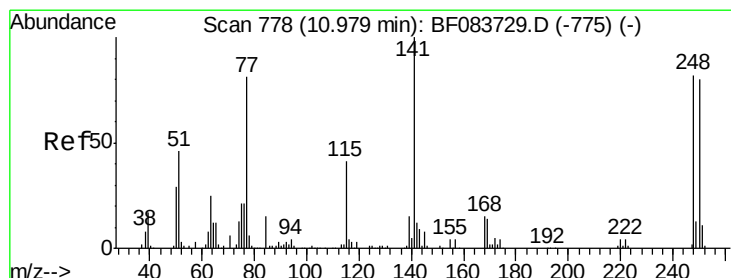
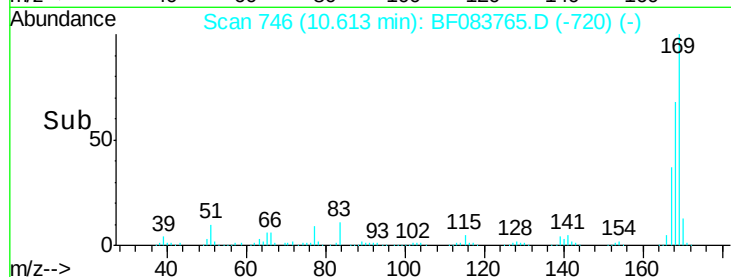
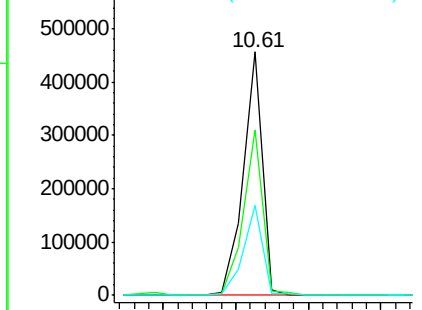
#65
 n-Nitrosodiphenylamine
 Concen: 45.18 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 418821
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.0 79.6
 167 37.1 29.3 43.9

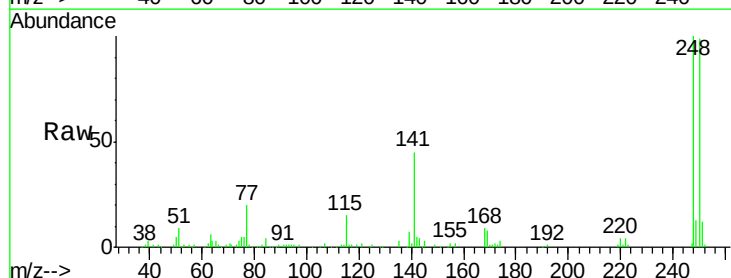


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

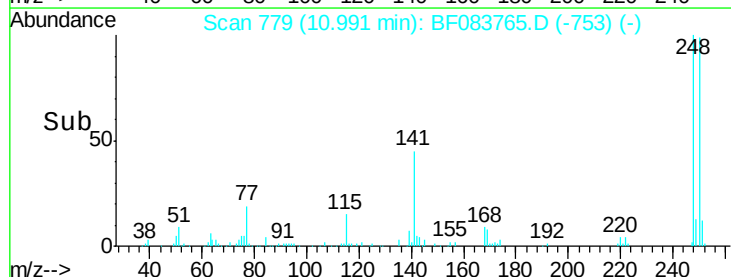
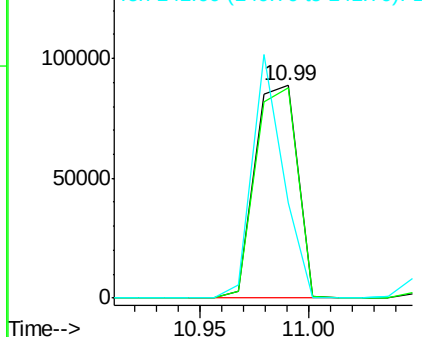


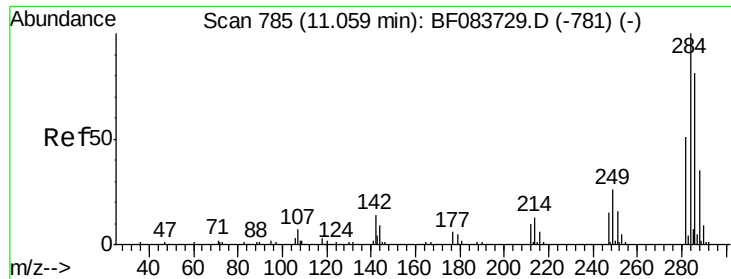
#66
 4-Bromophenyl-phenylether
 Concen: 40.05 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:248 Resp: 121378
 Ion Ratio Lower Upper
 248 100
 250 99.2 79.2 118.8
 141 44.7 58.2 87.4#



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: 39.45 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

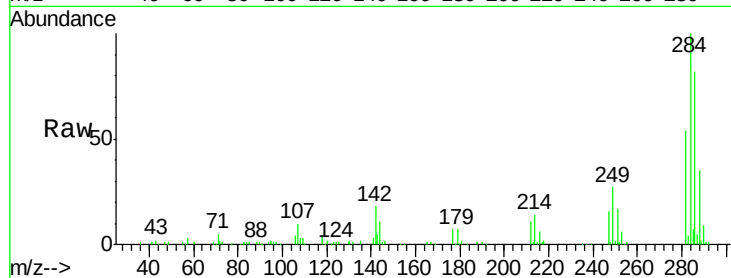
Tot Ion:284 Resp: 129359

Ion Ratio Lower Upper

284 100

142 18.0 31.0 46.4#

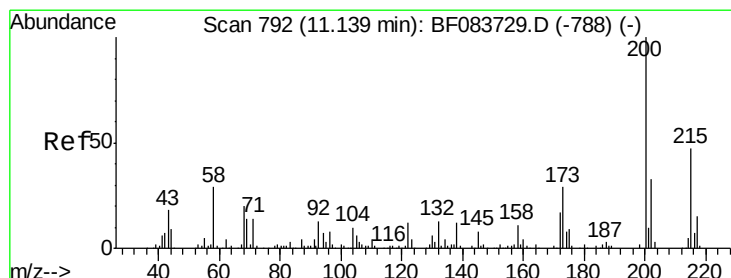
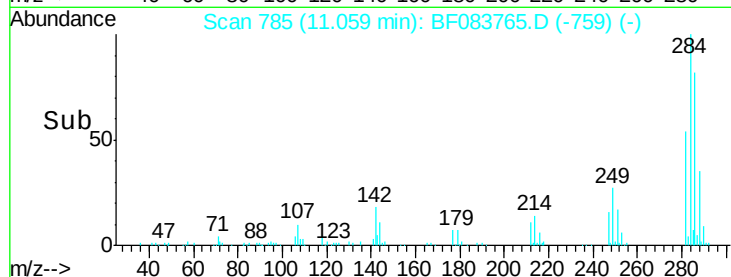
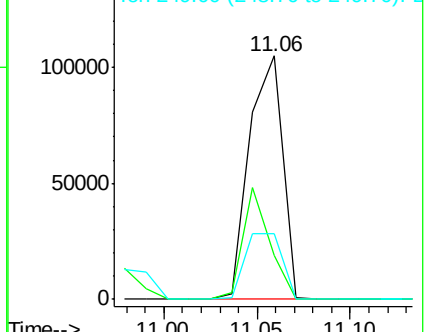
249 27.1 26.9 40.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.58 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

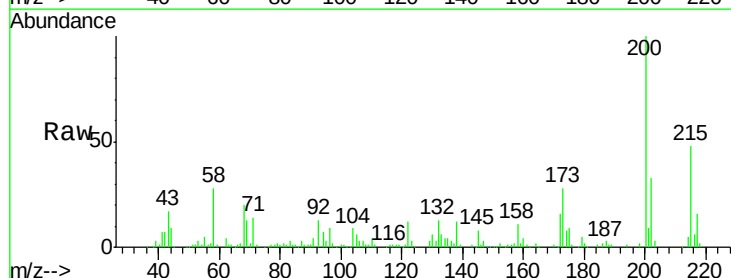
Tgt Ion:200 Resp: 128124

Ion Ratio Lower Upper

200 100

173 28.1 7.8 47.8

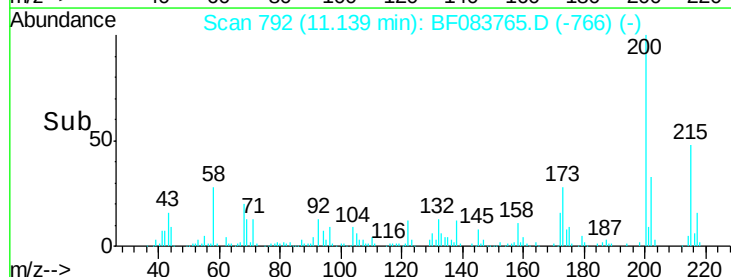
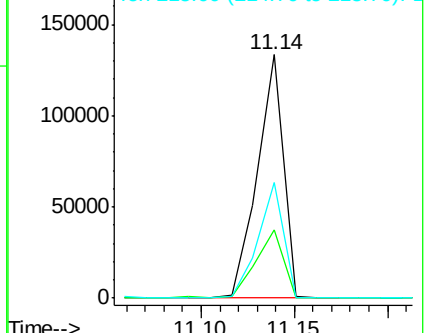
215 47.6 25.7 65.7

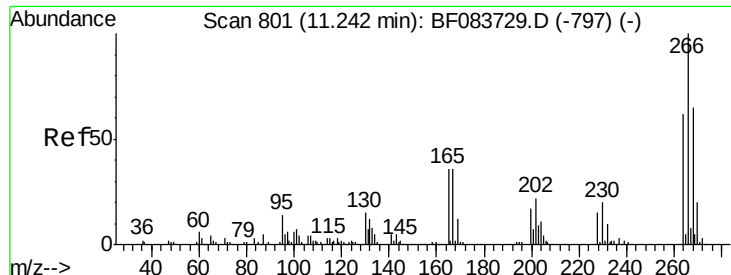


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

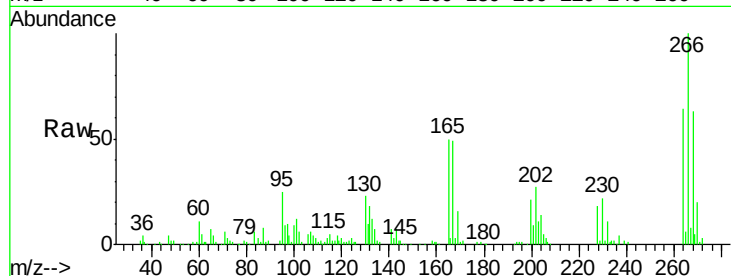




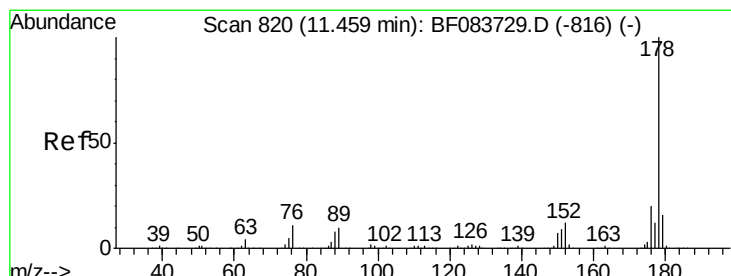
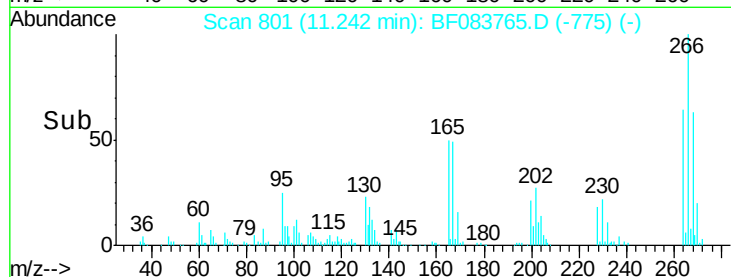
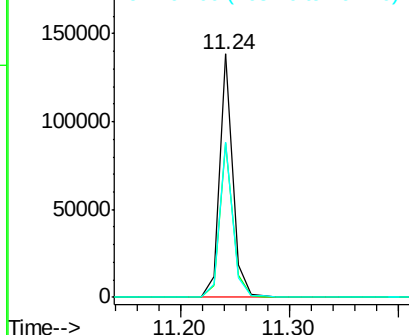
#69
 Pentachlorophenol
 Concen: 64.05 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 118466
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.2 75.2
 264 64.0 51.4 77.2

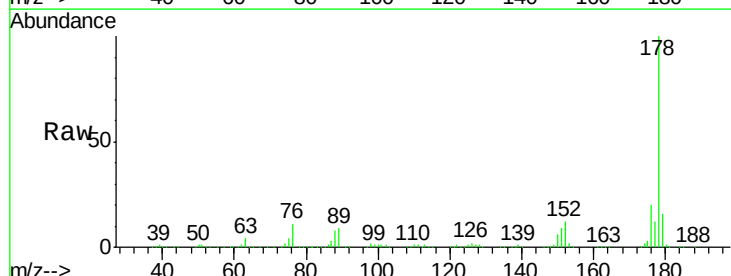


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

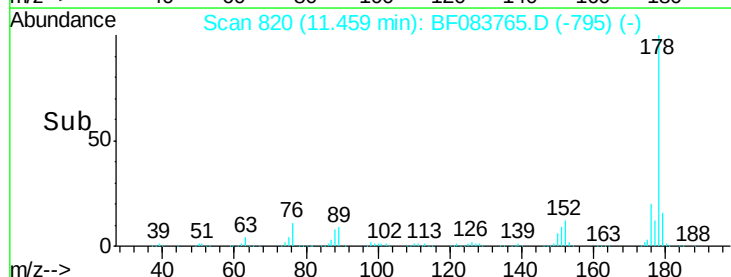
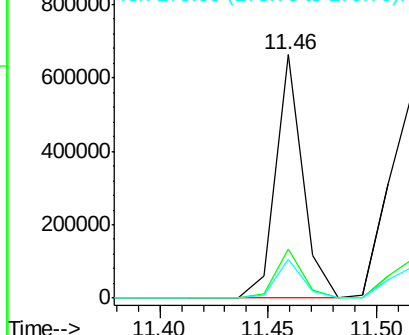


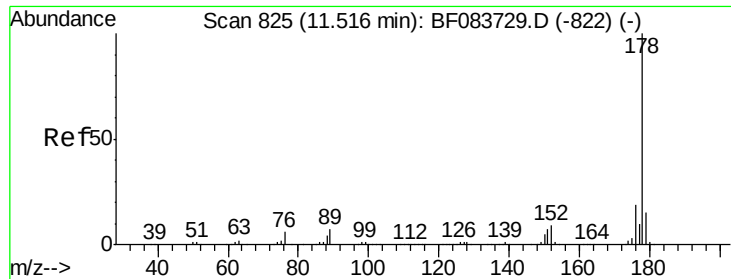
#70
 Phenanthrene
 Concen: 40.16 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:178 Resp: 578306
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.9 12.2 18.4



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

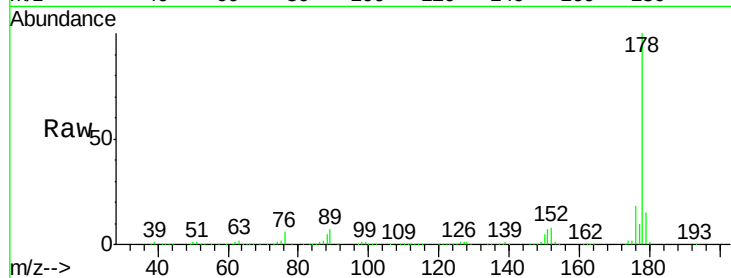




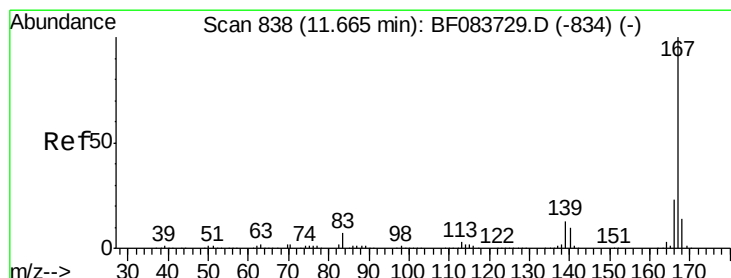
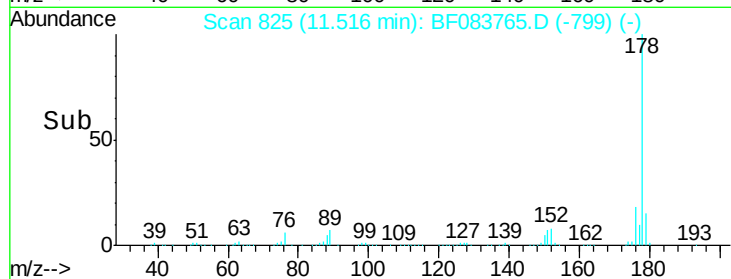
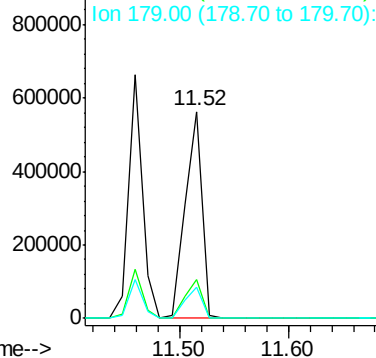
#71
 Anthracene
 Concen: 40.95 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 612372
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.2 22.8
 179 15.2 12.6 18.8

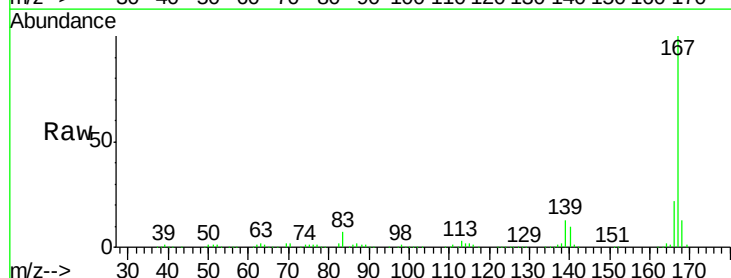


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

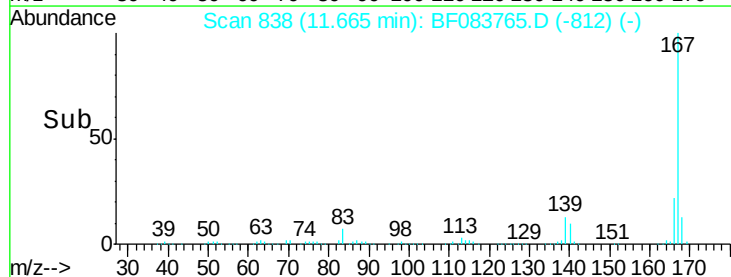
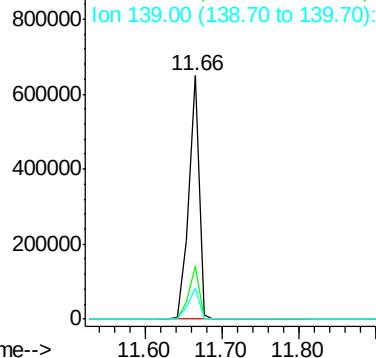


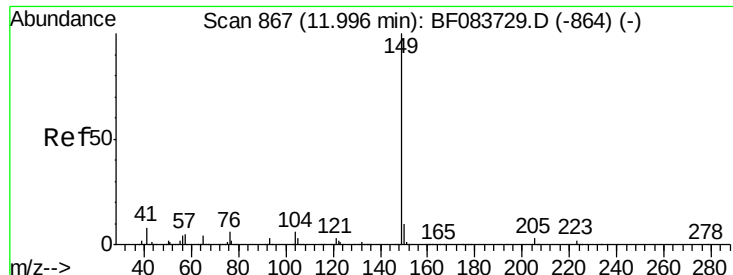
#72
 Carbazole
 Concen: 43.38 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:167 Resp: 604490
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.0 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.02 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

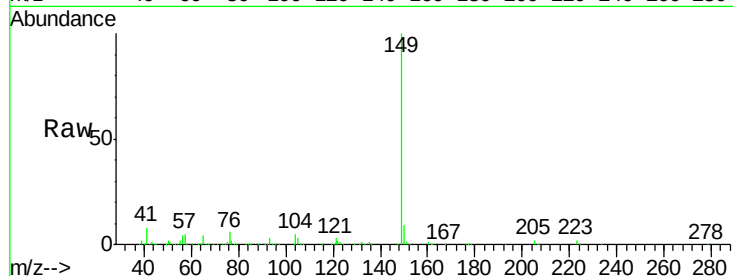
Tot Ion:149 Resp: 694142

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

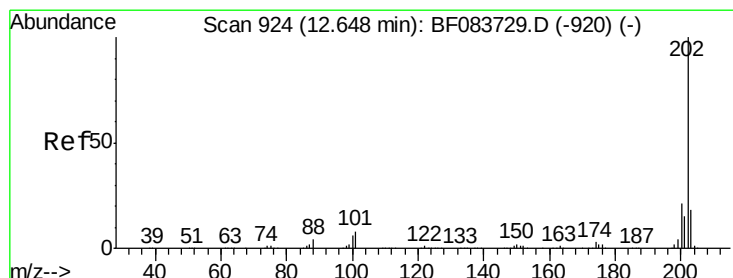
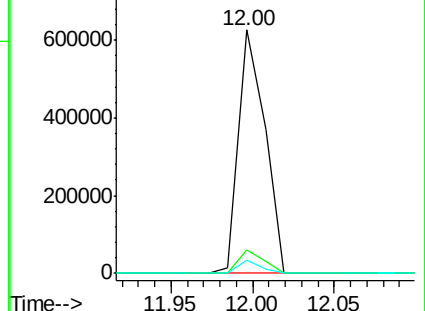
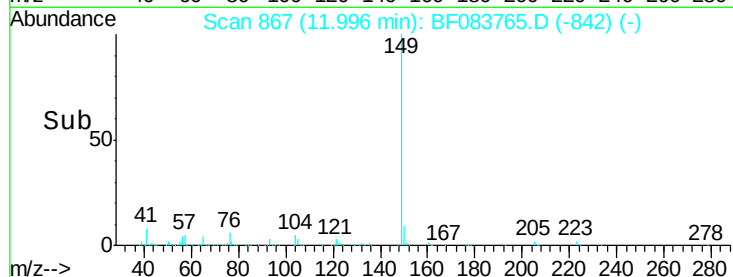
104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.73 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

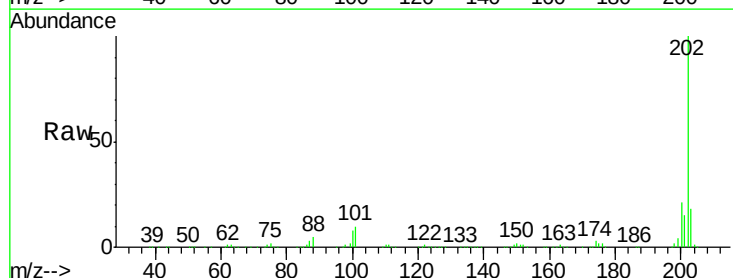
Tgt Ion:202 Resp: 635674

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.5

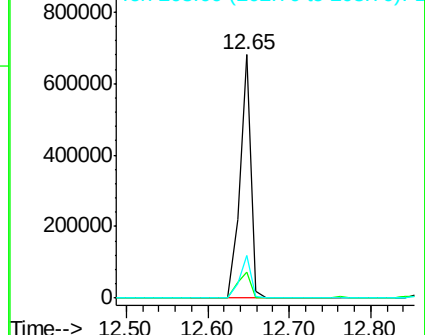
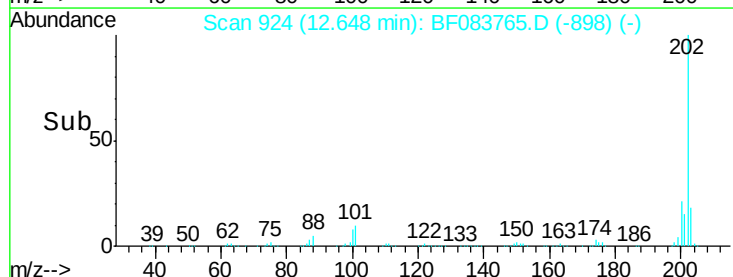
203 17.6 0.0 37.6

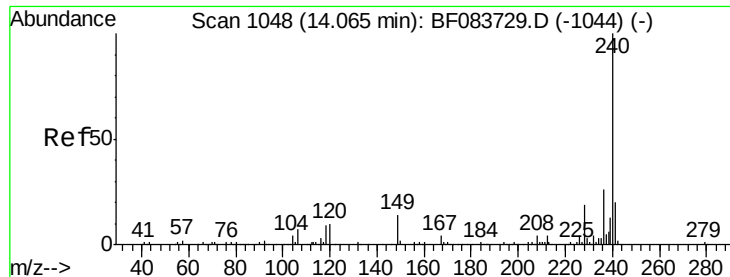


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

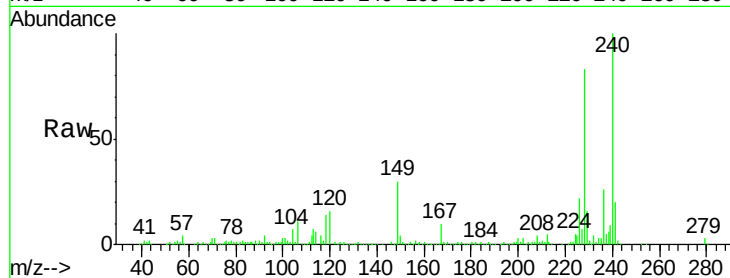
Tot Ion:240 Resp: 227456

Ion Ratio Lower Upper

240 100

120 15.8 8.1 12.1#

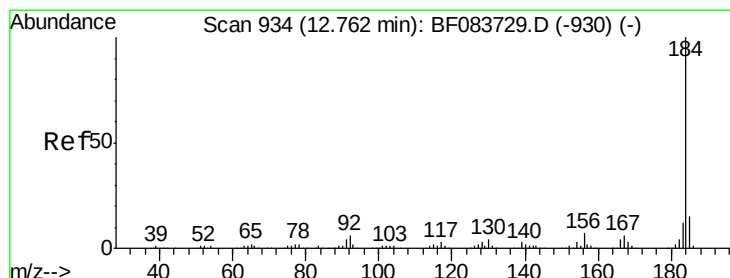
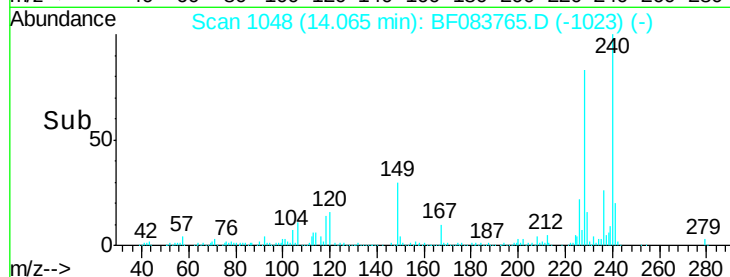
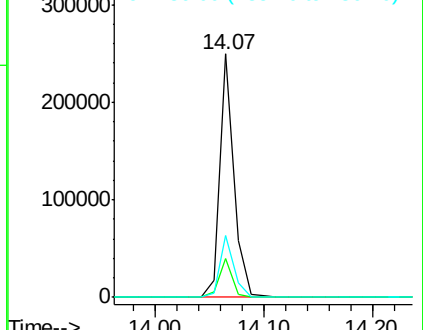
236 25.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.97 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

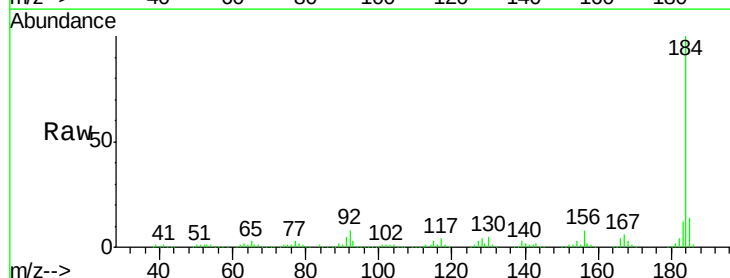
Tgt Ion:184 Resp: 339436

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

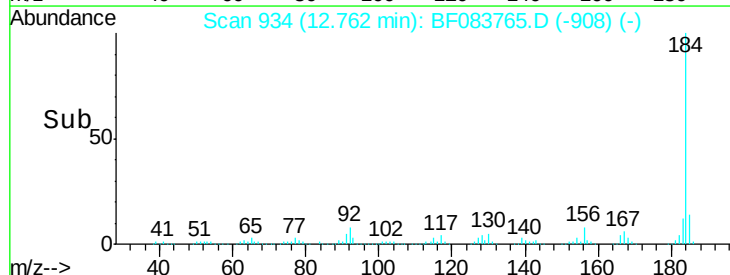
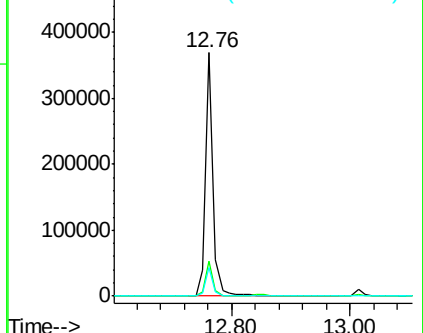
183 11.9 9.0 13.4

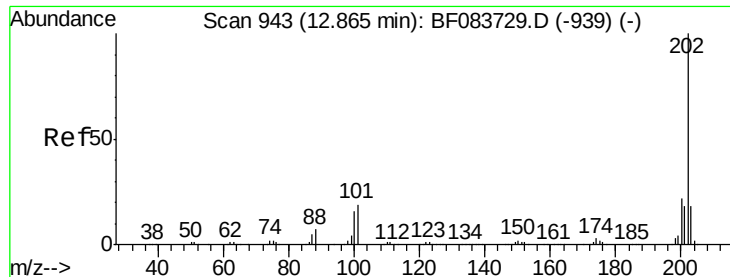


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

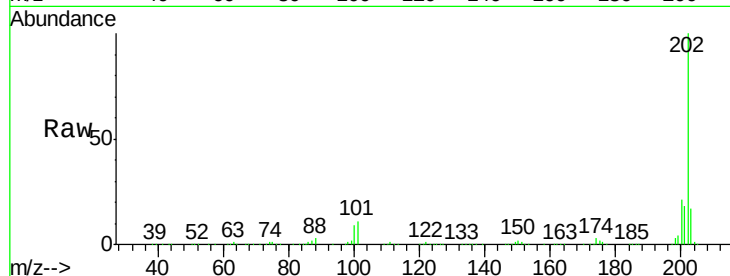




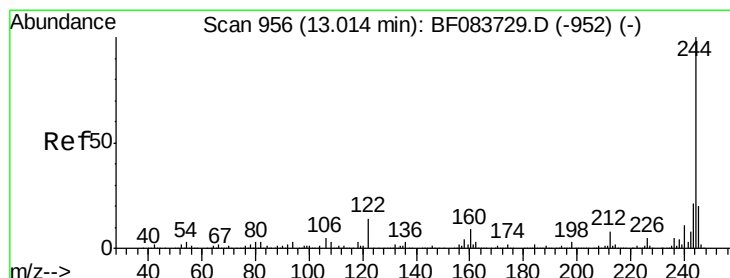
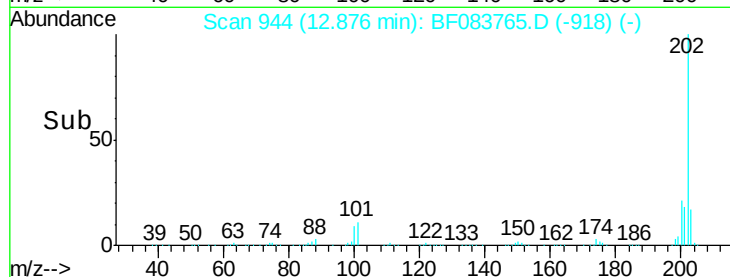
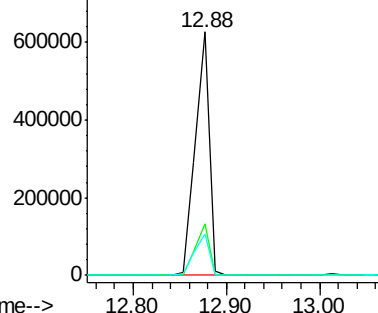
#77
Pvrene
Concen: 35.84 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 644370
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.2 14.3 21.5

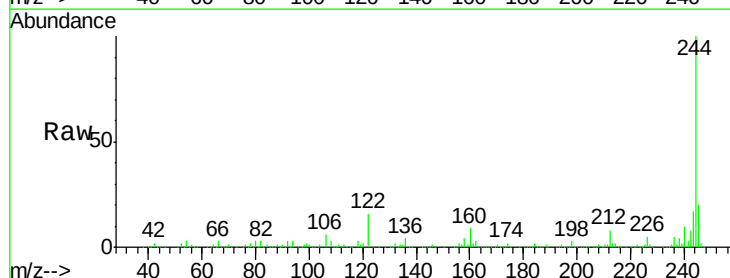


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

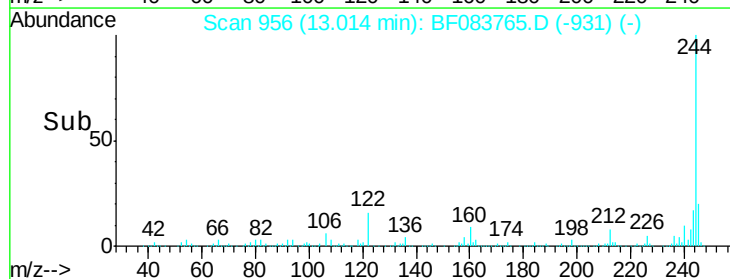
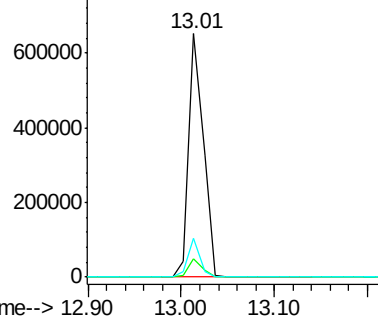


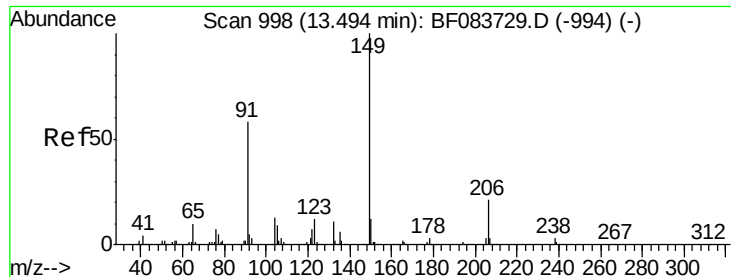
#78
Terphenyl-d14
Concen: 66.87 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion:244 Resp: 707097
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 15.7 11.0 16.6



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: 39.79 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

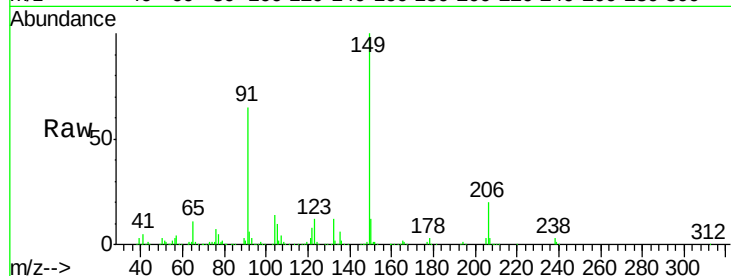
Tot Ion:149 Resp: 307022

Ion Ratio Lower Upper

149 100

91 65.1 60.0 90.0

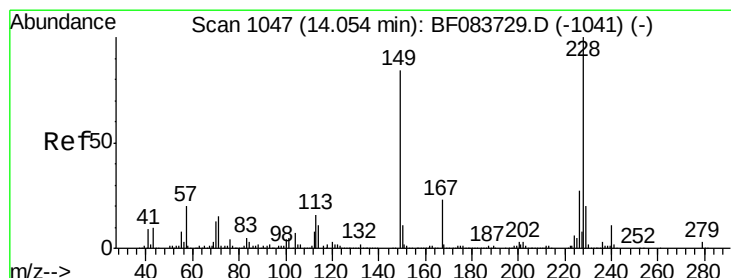
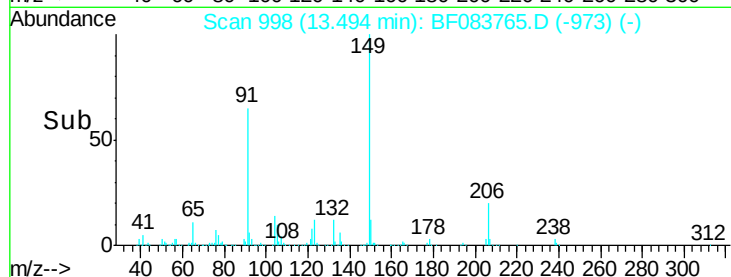
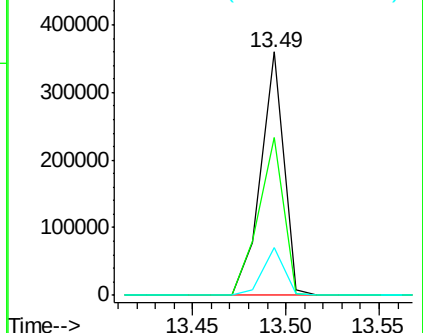
206 19.5 16.2 24.4



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: 40.90 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

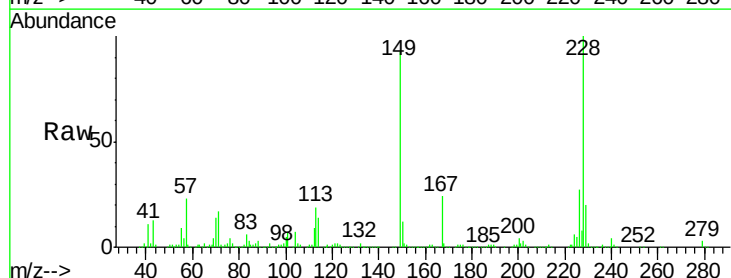
Tgt Ion:228 Resp: 528999

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

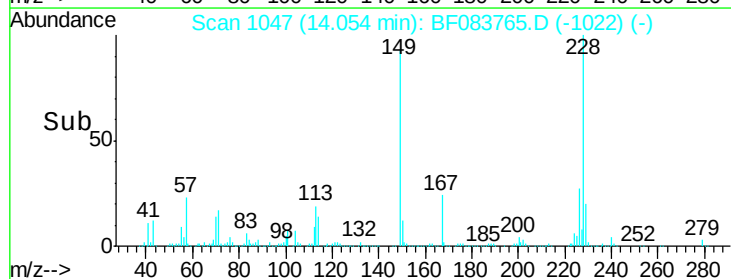
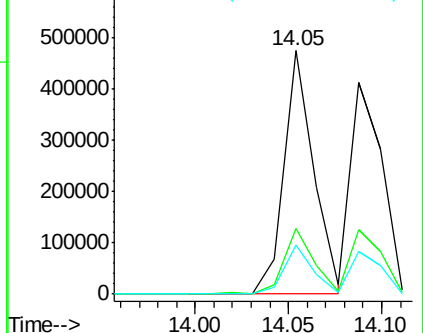
229 19.9 15.7 23.5

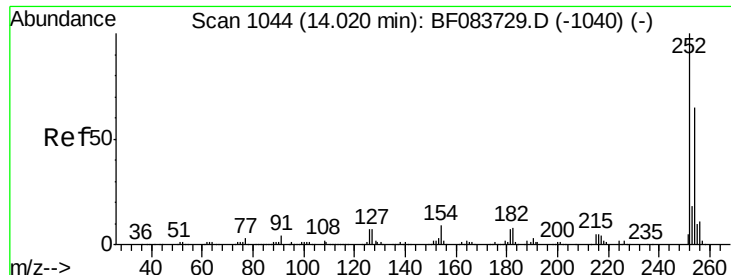


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

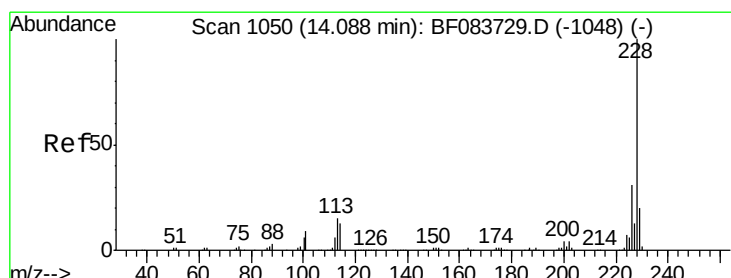
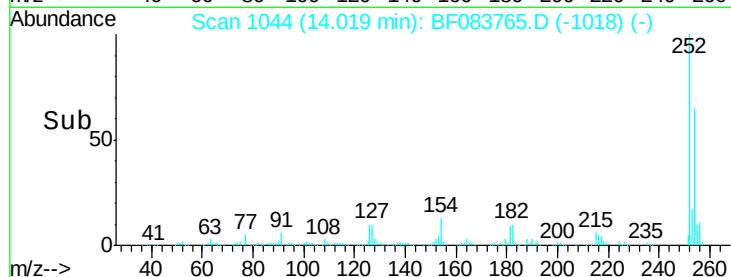
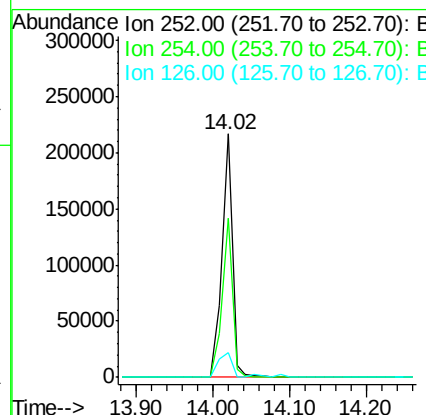
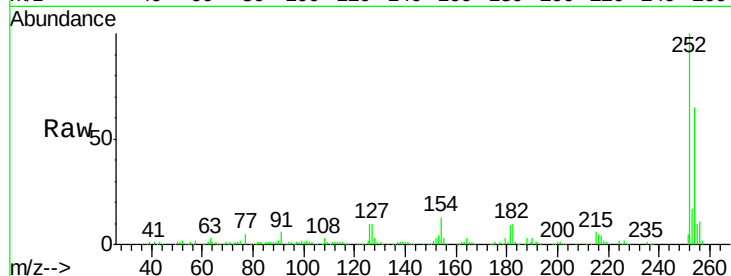




#81
 3,3'-Dichlorobenzidine
 Concen: 44.06 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

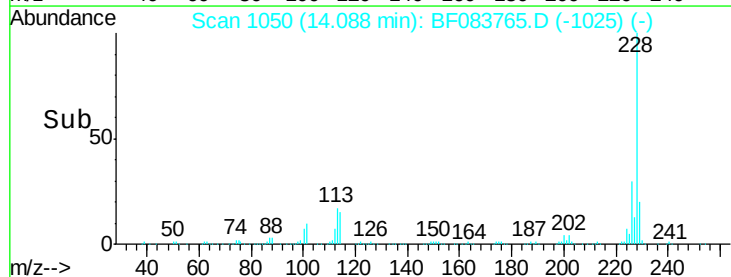
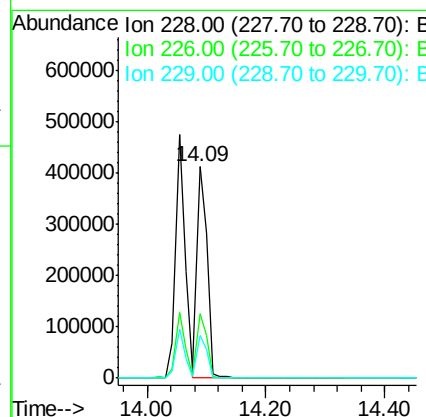
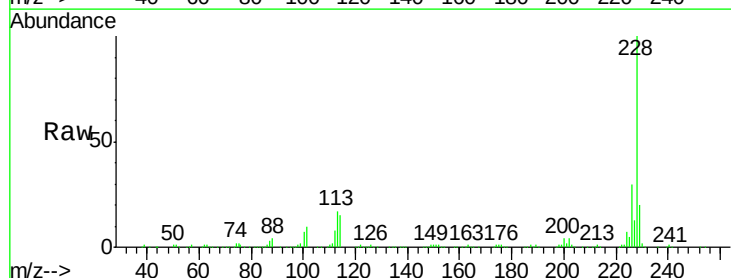
Instrument :
 BNA_F
 ClientSampled :

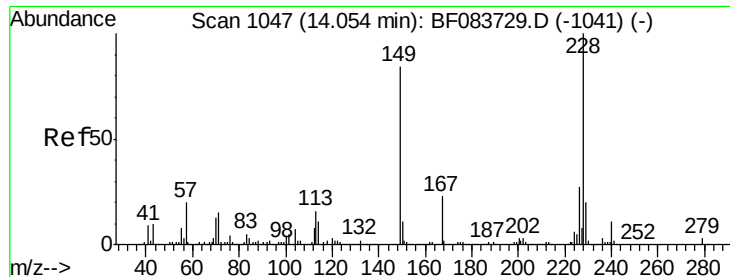
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.6	76.0
126	10.0	11.0	16.4#



#82
 Chrysene
 Concen: 39.34 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	20.4	16.3	24.5

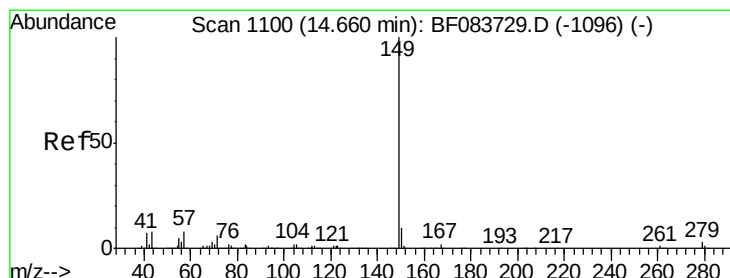
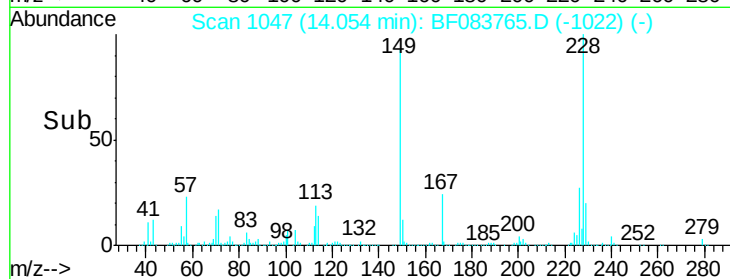
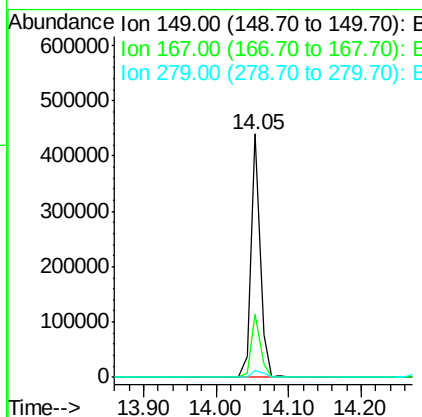
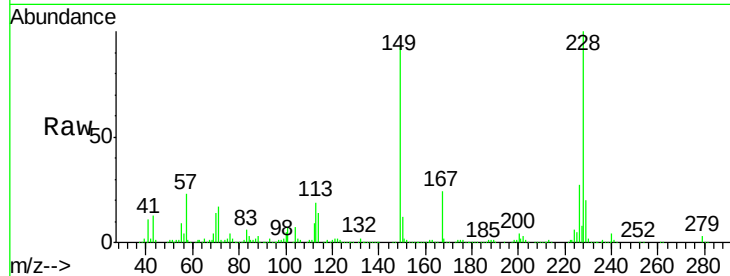




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.90 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

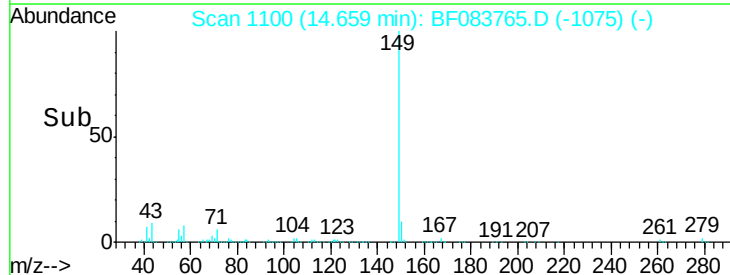
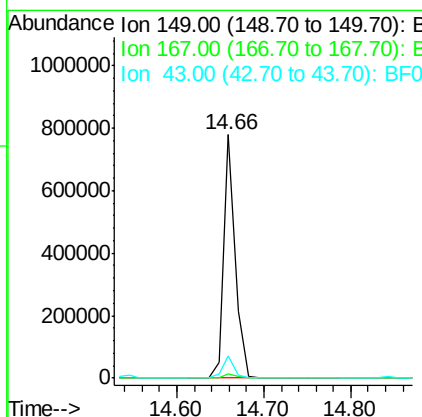
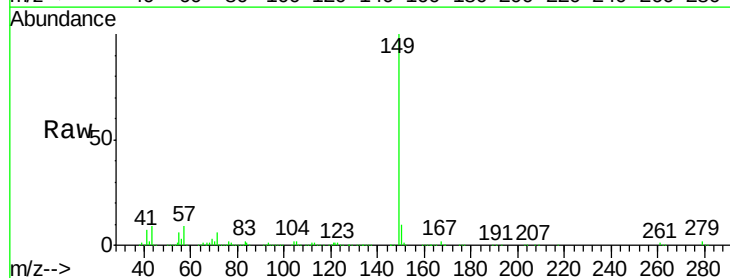
Instrument :
 BNA_F
 ClientSampleId :

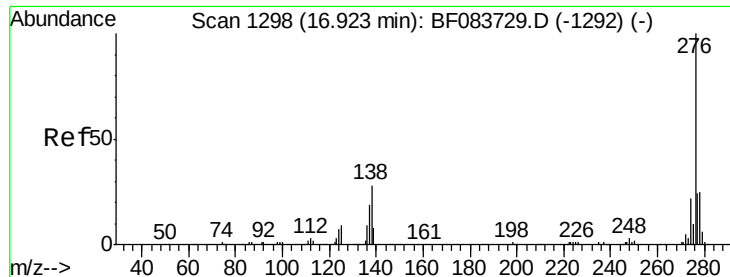
Tot Ion	149	Resp	385542
Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.8
279	2.8	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 51.84 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	149	Resp	723364
Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	8.5	0.0	0.0#

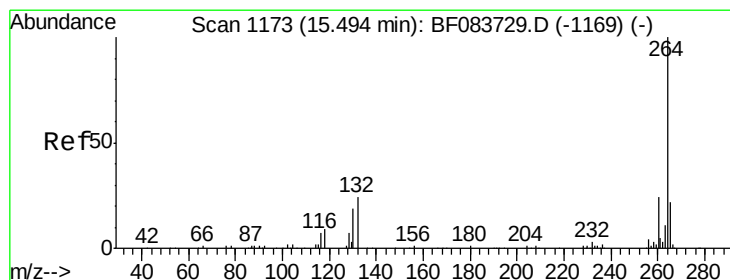
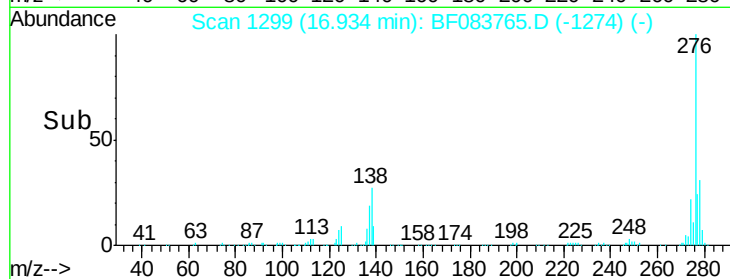
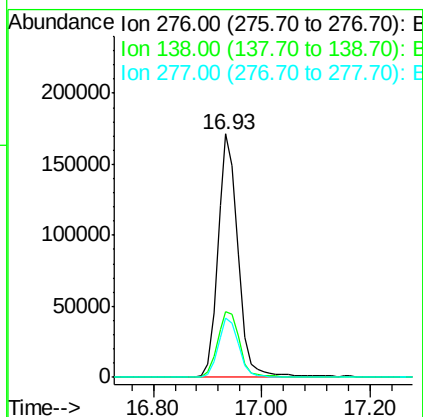
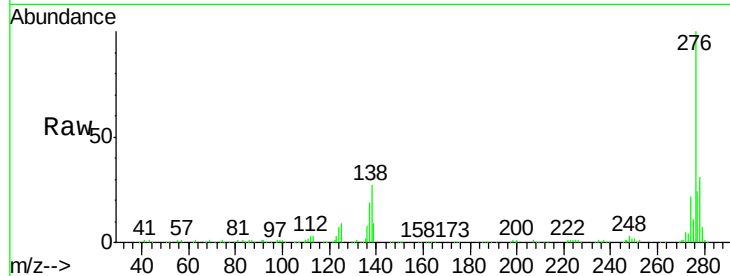




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.91 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

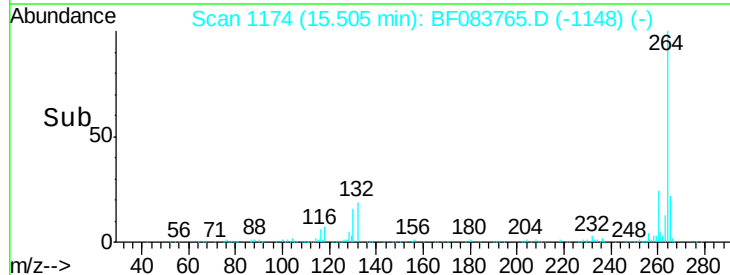
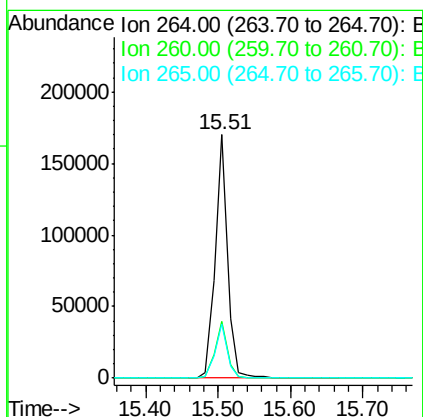
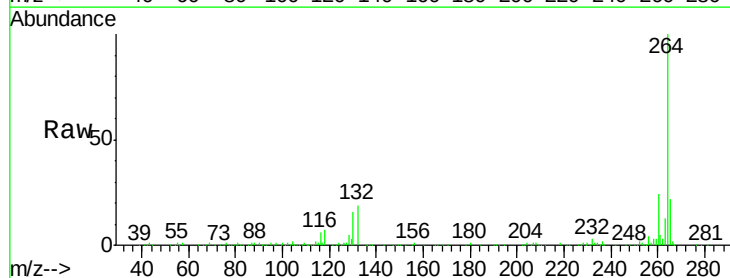
Instrument :
 BNA_F
 ClientSampleId :

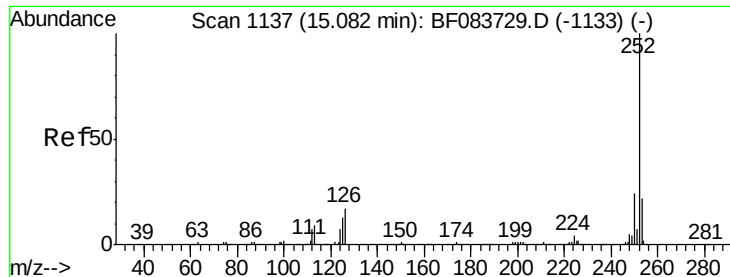
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 43.33 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampled :

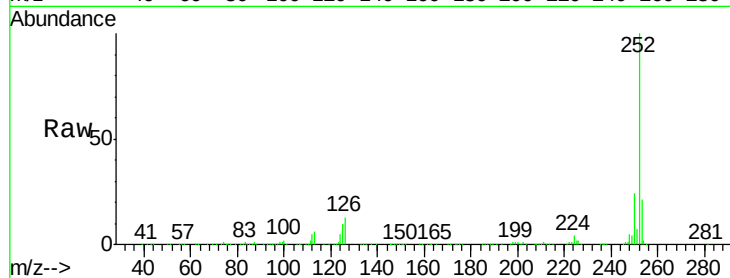
Tot Ion:252 Resp: 558482

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

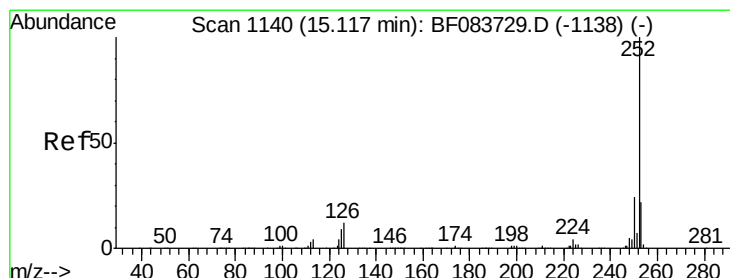
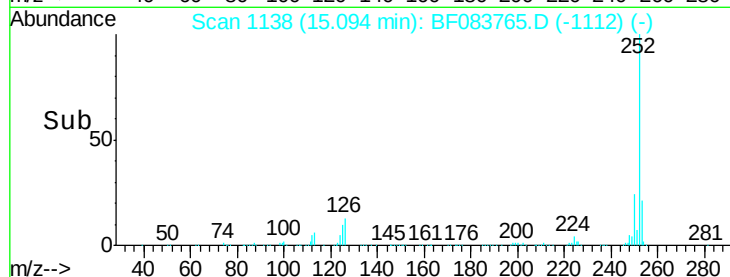
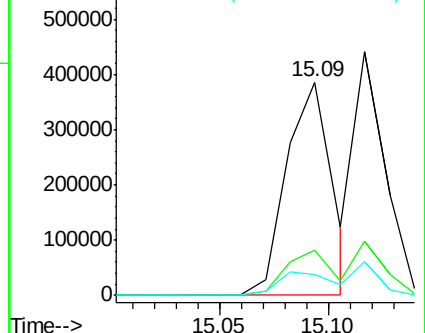
125 9.7 8.2 12.4



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



#88

Benzo(k)fluoranthene

Concen: 47.82 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

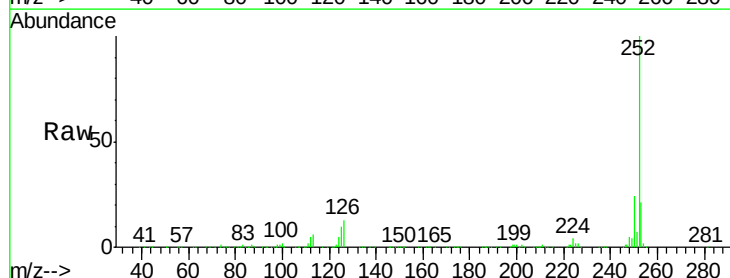
Tgt Ion:252 Resp: 558482

Ion Ratio Lower Upper

252 100

253 21.5 18.6 27.8

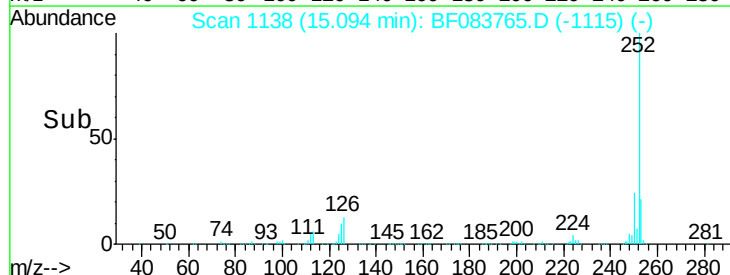
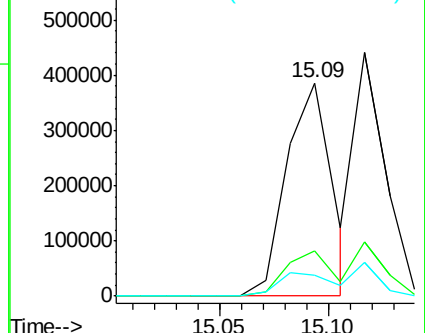
125 9.7 11.5 17.3#

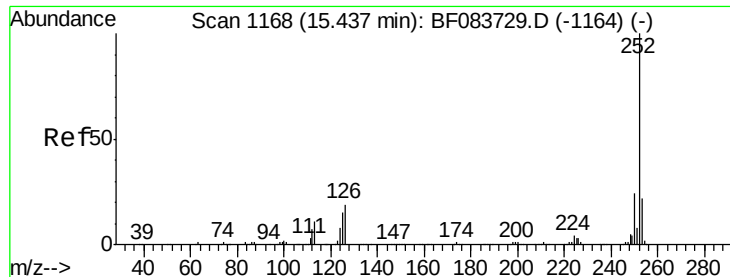


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.18 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampled :

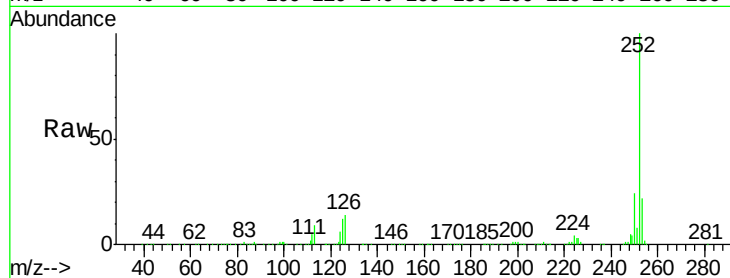
Tot Ion:252 Resp: 473571

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

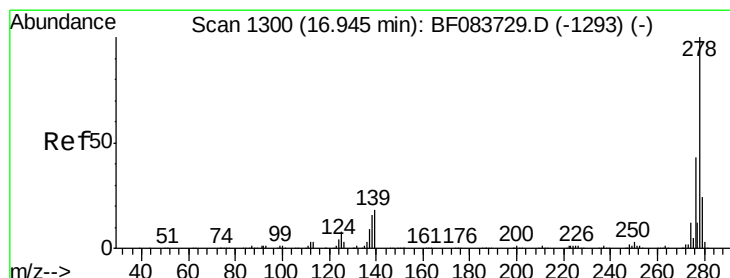
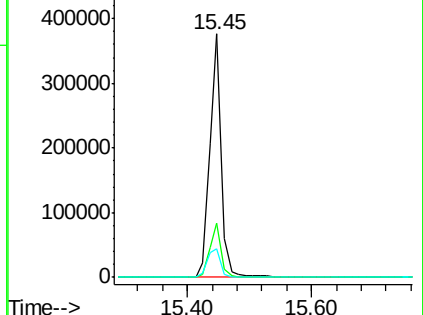
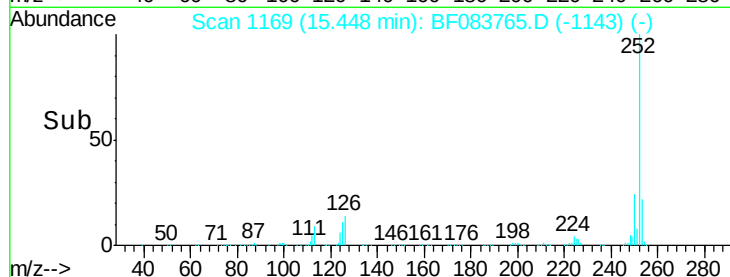
125 11.5 11.0 16.6



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: 32.91 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

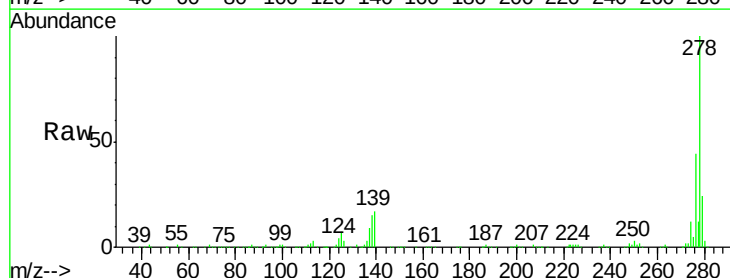
Tgt Ion:278 Resp: 376313

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

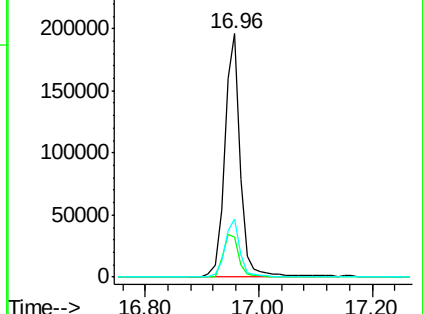
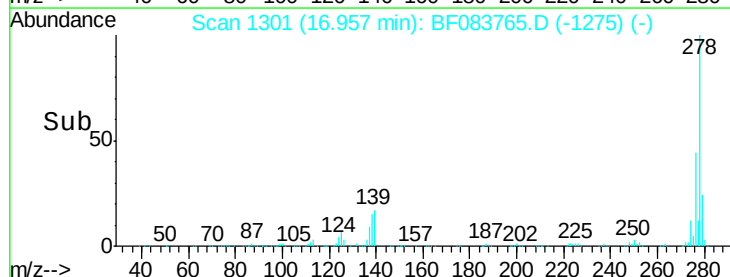
279 24.1 18.6 28.0

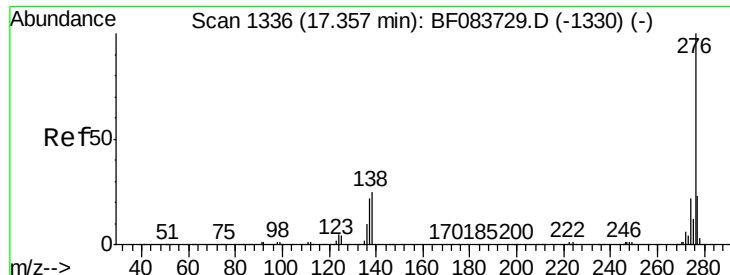


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 29.78 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.01 min

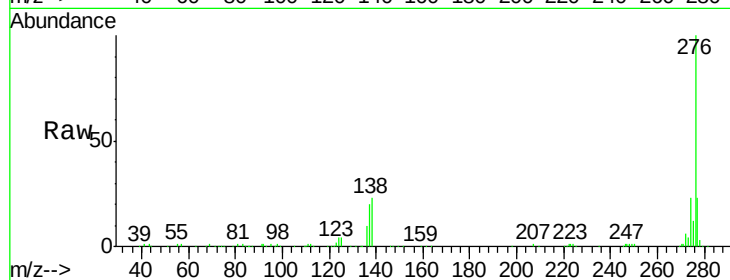
Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :



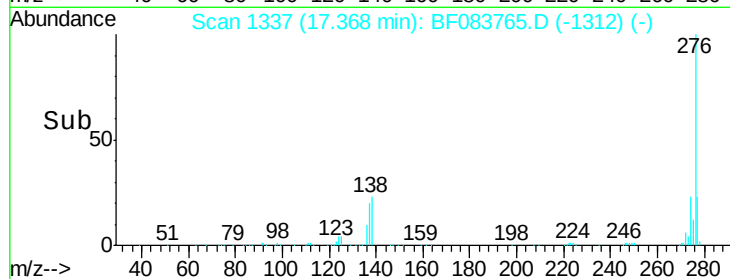
Tot Ion: 276 Resp: 350073

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 23.2 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

