

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083732.D
 Acq On : 13 Dec 2015 16:37
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:02:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132323	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	508774	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	253681	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	431794	20.00	ng	0.00
75) Chrysene-d12	14.07	240	259385	20.00	ng	0.00
86) Perylene-d12	15.51	264	247523	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1233928	145.22	ng	0.01
7) Phenol-d6	6.56	99	1428680	133.91	ng	0.01
23) Nitrobenzene-d5	7.49	82	1345518	174.77	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	389569	161.28	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1981234	114.07	ng	0.01
78) Terphenyl-d14	13.02	244	1838400	158.91	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	300707	71.64	ng	98
3) Pyridine	3.30	79	790466	72.81	ng	99
4) n-Nitrosodimethylamine	3.26	42	301753	69.11	ng	100
6) Aniline	6.59	93	1016625	69.83	ng	98
8) 2-Chlorophenol	6.72	128	672443	70.34	ng	93
9) Benzaldehyde	6.46	77	314646	53.65	ng	92
10) Phenol	6.57	94	740059	59.08	ng	80
11) bis(2-Chloroethyl)ether	6.66	93	572580	64.64	ng	97
12) 1,3-Dichlorobenzene	6.94	146	768040	73.29	ng	99
13) 1,4-Dichlorobenzene	6.94	146	768040	73.84	ng	93
14) 1,2-Dichlorobenzene	7.09	146	594312	60.99	ng	94
15) Benzyl Alcohol	7.07	79	574025	74.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	800663	64.73	ng	96
17) 2-Methylphenol	7.17	107	582281	75.86	ng	95
18) Hexachloroethane	7.44	117	260227	73.00	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	465319	75.94	ng	# 90
20) 3+4-Methylphenols	7.33	107	544558	58.83	ng	93
22) Acetophenone	7.33	105	884840	71.39	ng	# 80
24) Nitrobenzene	7.50	77	662078	78.13	ng	97
25) Isophorone	7.76	82	1360874	79.55	ng	99
26) 2-Nitrophenol	7.82	139	399231	110.82	ng	# 87
27) 2,4-Dimethylphenol	7.86	122	617468	72.57	ng	93
28) bis(2-Chloroethoxy)methane	7.96	93	799283	83.39	ng	99
29) 2,4-Dichlorophenol	8.06	162	540241	77.75	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	560122	73.24	ng	98
31) Naphthalene	8.24	128	1869424	74.11	ng	99
32) Benzoic acid	8.01	122	474706	98.90	ng	99
33) 4-Chloroaniline	8.27	127	761402	70.73	ng	# 94
34) Hexachlorobutadiene	8.35	225	293021	68.56	ng	99
35) Caprolactam	8.67	113	185089	81.57	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	678100	85.92	ng	98
37) 2-Methylnaphthalene	8.92	142	1176785	73.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	531410	68.58	ng	97
40) Hexachlorocyclopentadiene	9.08	237	314066	82.92	ng	99

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

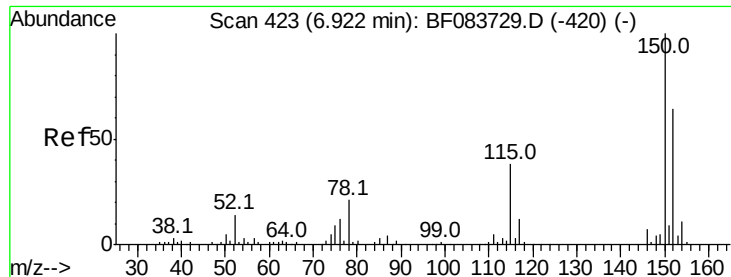
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:02:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.20	196	405797	75.39	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	336767	63.14	nq	# 86
45) 1,1'-Biphenyl	9.39	154	1549144	70.57	nq	97
46) 2-Chloronaphthalene	9.41	162	1154690	69.98	nq	95
47) 2-Nitroaniline	9.49	65	332231	75.70	nq	88
48) Acenaphthylene	9.82	152	1745654	63.28	nq	97
49) Dimethylphthalate	9.69	163	1238986	64.11	nq	100
50) 2,6-Dinitrotoluene	9.74	165	311481	81.74	nq	92
51) Acenaphthene	10.00	154	1037202	62.80	nq	94
52) 3-Nitroaniline	9.92	138	378901	84.25	nq	94
53) 2,4-Dinitrophenol	10.01	184	127584	123.06	nq	# 8
54) Dibenzofuran	10.17	168	1433181	65.85	nq	98
55) 4-Nitrophenol	10.06	139	282567	75.53	nq	90
56) 2,4-Dinitrotoluene	10.14	165	386828	79.25	nq	93
57) Fluorene	10.51	166	1118194	65.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	276516	71.75	nq	98
59) Diethylphthalate	10.38	149	1287132	69.30	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	475000	57.31	nq	# 88
61) 4-Nitroaniline	10.52	138	307958	76.34	nq	99
62) Azobenzene	10.66	77	1219574	68.36	nq	93
64) 4,6-Dinitro-2-methylphenol	10.56	198	229256	143.46	nq	93
65) n-Nitrosodiphenylamine	10.61	169	1055263	72.05	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	370564	79.47	nq	# 76
67) Hexachlorobenzene	11.06	284	390586	77.08	nq	# 79
68) Atrazine	11.14	200	226607	53.47	nq	96
69) Pentachlorophenol	11.24	266	220764	77.22	nq	98
70) Phenanthrene	11.47	178	1642583	70.53	nq	99
71) Anthracene	11.52	178	1480903	60.05	nq	97
72) Carbazole	11.66	167	1374585	60.06	nq	97
73) Di-n-butylphthalate	12.01	149	1983599	80.53	nq	# 99
74) Fluoranthene	12.65	202	1521626	60.65	nq	94
76) Benzidine	12.76	184	595455	60.62	nq	96
77) Pyrene	12.88	202	1562645	75.66	nq	99
79) Butylbenzylphthalate	13.49	149	716720	102.82	nq	90
80) Benzo(a)anthracene	14.05	228	1077196	70.91	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	430886	86.82	nq	# 97
82) Chrysene	14.10	228	1164311	80.00	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	713612	94.62	nq	100
84) Di-n-octyl phthalate	14.66	149	1305138	112.22	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1372863	99.70	nq	98
87) Benzo(b)fluoranthene	15.12	252	2147725	137.54	nq	99
88) Benzo(k)fluoranthene	15.12	252	2149609	143.84	nq	# 95
89) Benzo(a)pyrene	15.45	252	1065539	75.71	nq	# 97
90) Dibenzo(a,h)anthracene	16.96	278	1122224	81.14	nq	97
91) Benzo(g,h,i)perylene	17.38	276	1161472	79.68	nq	98

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

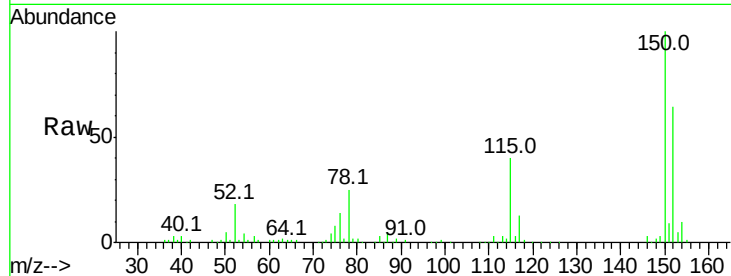


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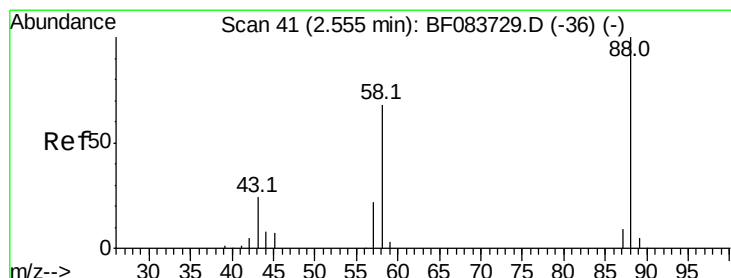
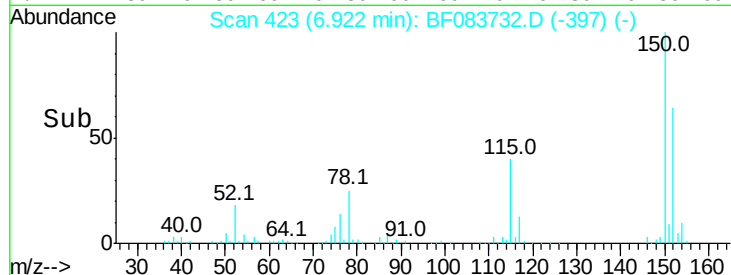
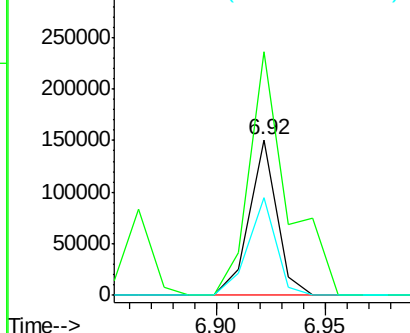
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132323
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 63.2 47.2 70.8



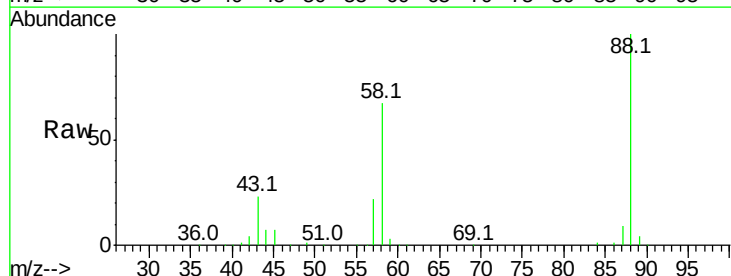
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



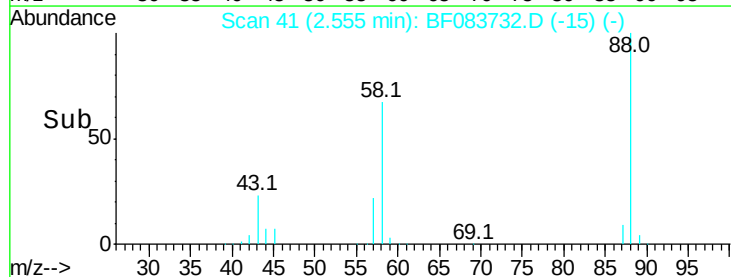
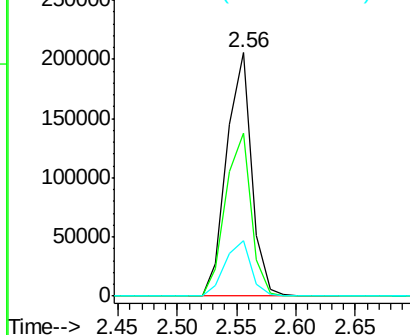
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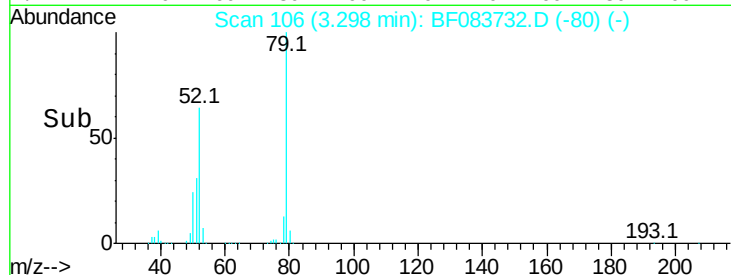
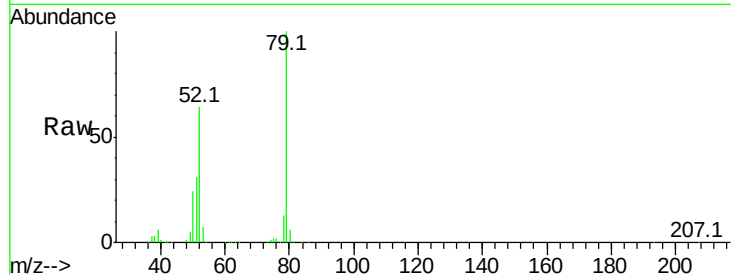
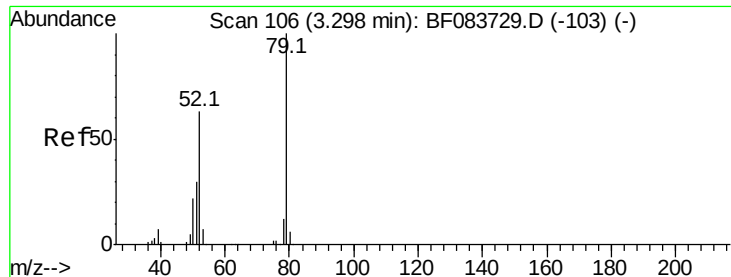
1,4-Dioxane
Concen: 71.64 ng
RT: 2.56 min Scan# 41
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion: 88 Resp: 300707
Ion Ratio Lower Upper
88 100
58 68.7 53.5 80.3
43 23.4 18.7 28.1



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

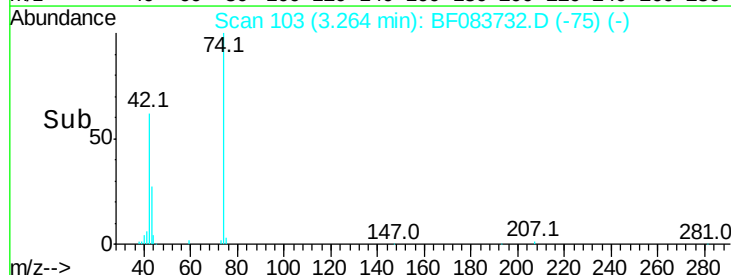
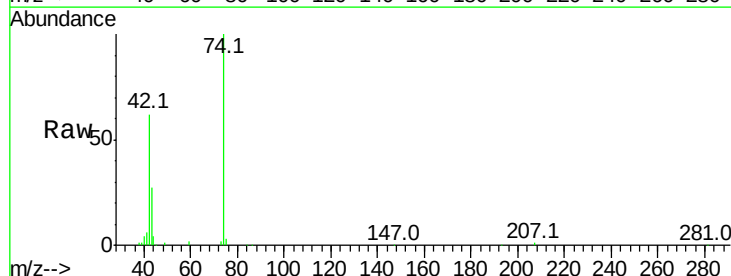
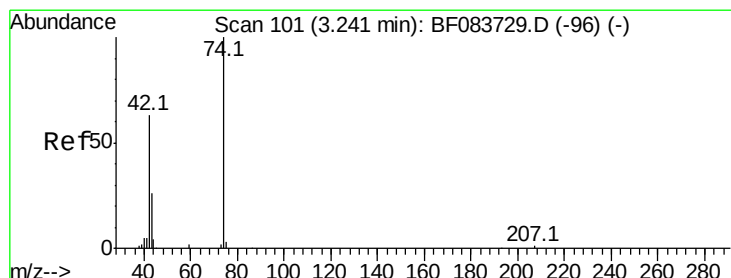
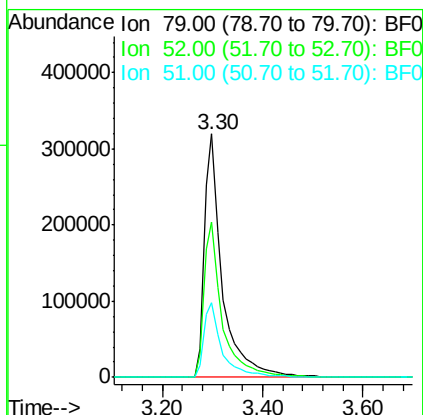




#3
 Pvridine
 Concen: 72.81 ng
 RT: 3.30 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

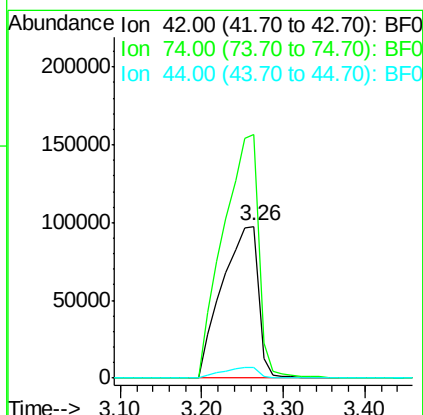
Instrument :
 BNA_F
 ClientSampleId :

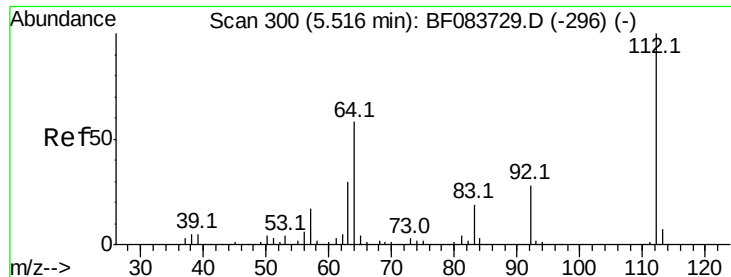
Tot Ion: 79 Resp: 790466
 Ion Ratio Lower Upper
 79 100
 52 63.9 50.2 75.4
 51 30.8 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 69.11 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.02 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion: 42 Resp: 301753
 Ion Ratio Lower Upper
 42 100
 74 160.3 128.0 192.0
 44 7.2 5.4 8.2

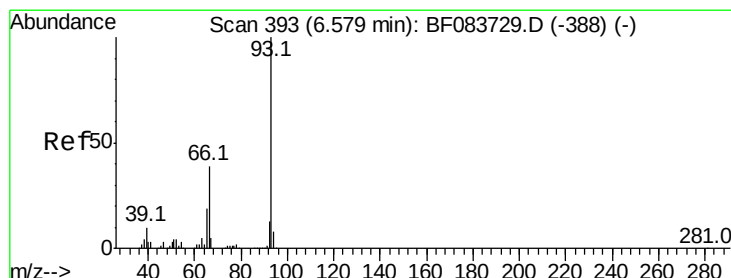
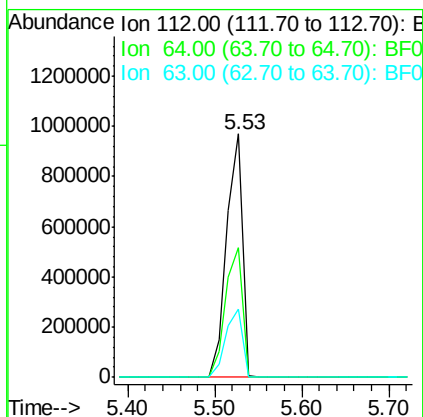
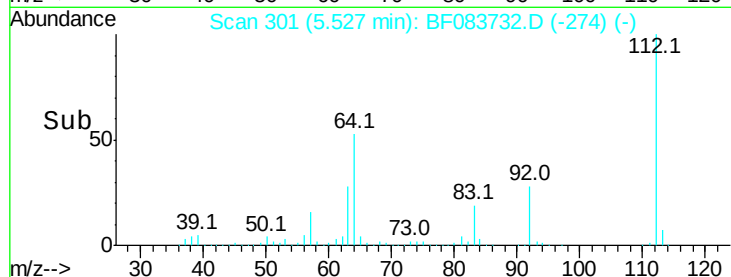
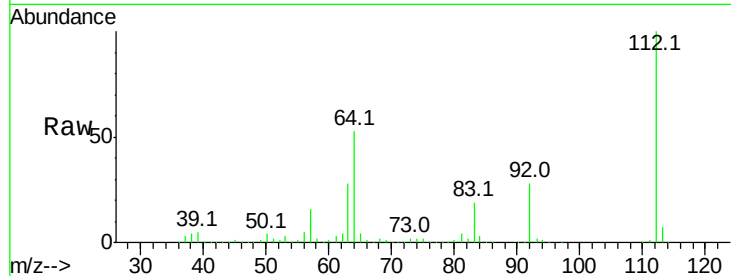




#5
 2-Fluorophenol
 Concen: 145.22 ng
 RT: 5.53 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

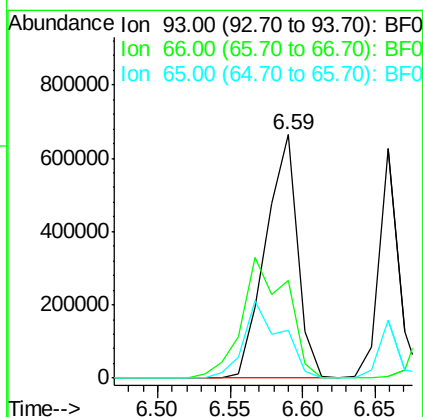
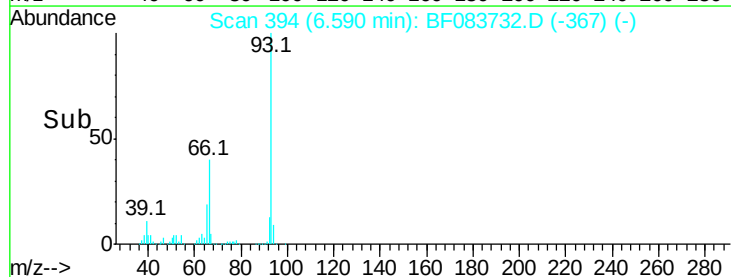
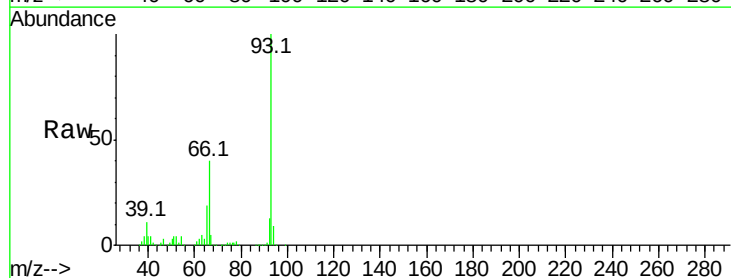
Instrument :
 BNA_F
 ClientSampleId :

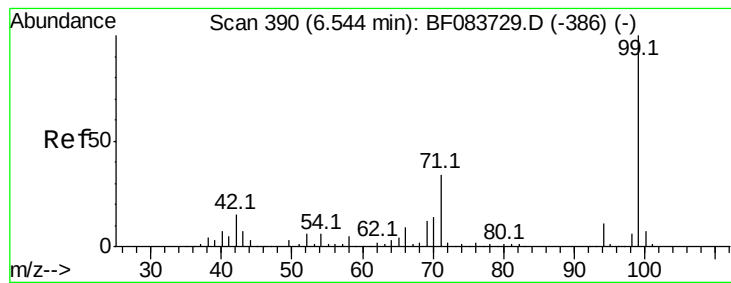
Tot Ion: 112 Resp: 1233928
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.1 69.1
 63 27.9 24.1 36.1



#6
 Aniline
 Concen: 69.83 ng
 RT: 6.59 min Scan# 394
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion: 93 Resp: 1016625
 Ion Ratio Lower Upper
 93 100
 66 39.9 31.2 46.8
 65 19.4 14.9 22.3





#7

Phenol-d6

Concen: 133.91 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

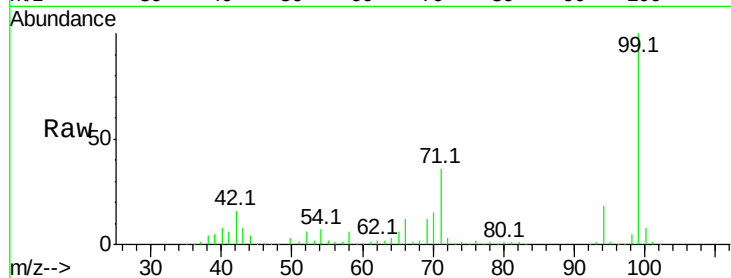
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1428680

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.2	18.2
71	36.0	26.9	40.3

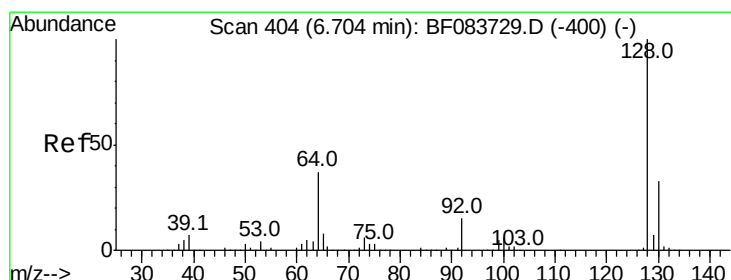
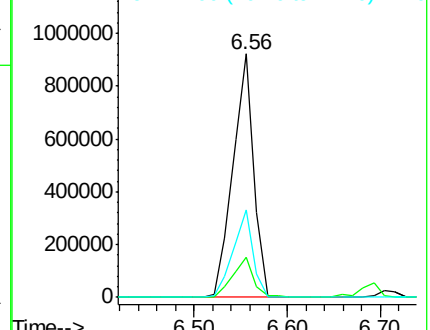
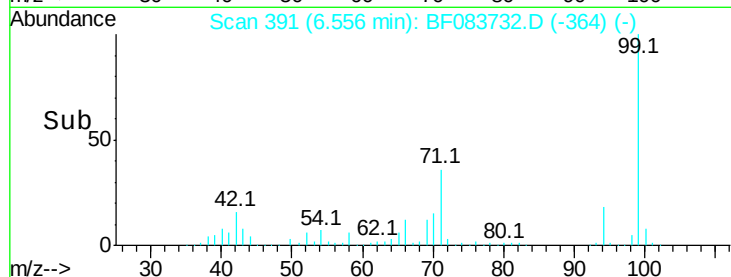


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 70.34 ng

RT: 6.72 min Scan# 405

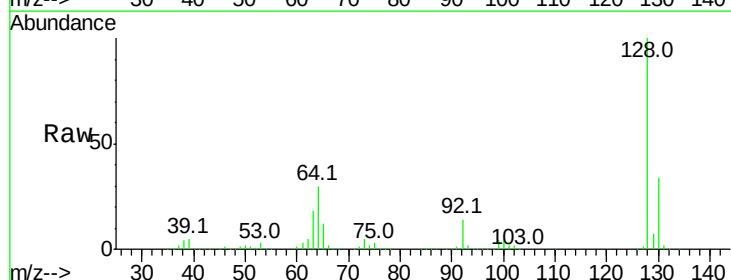
Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion: 128 Resp: 672443

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.4	53.4
64	29.7	17.1	57.1

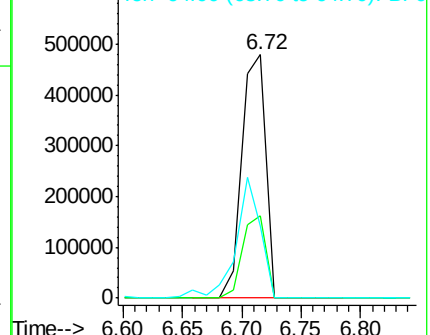
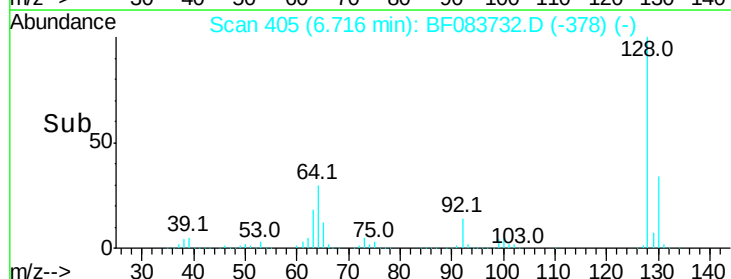


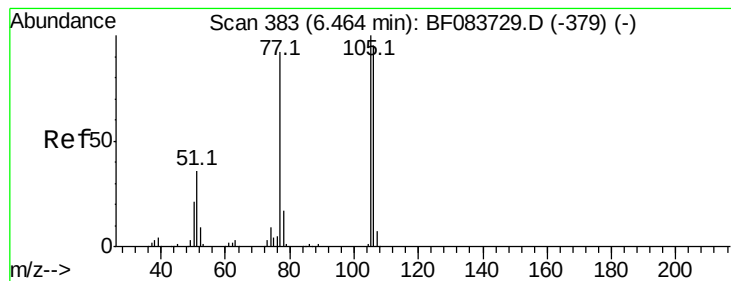
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 53.65 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

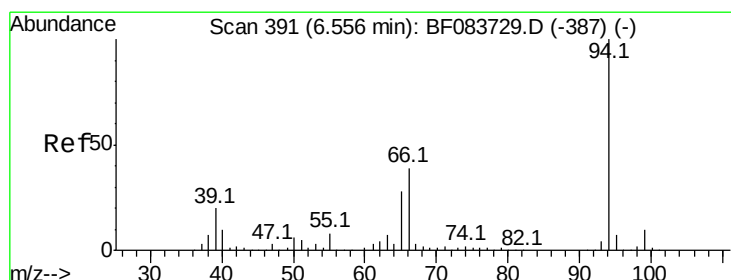
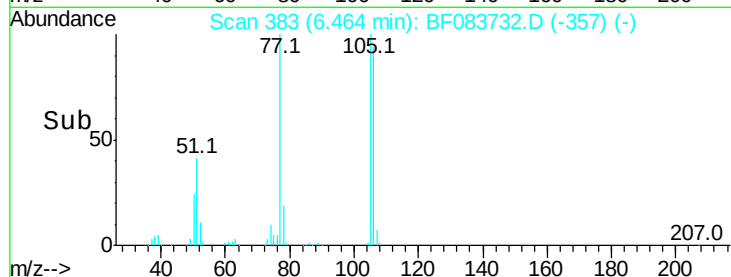
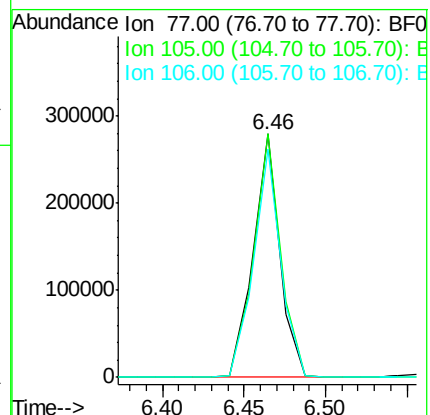
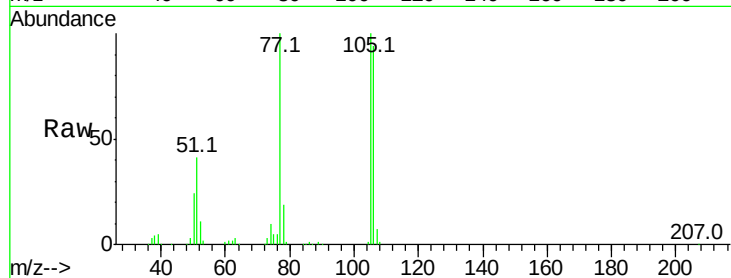
Tot Ion: 77 Resp: 314646

Ion Ratio Lower Upper

77 100

105 100.1 88.5 128.5

106 93.9 82.8 122.8



#10

Phenol

Concen: 59.08 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

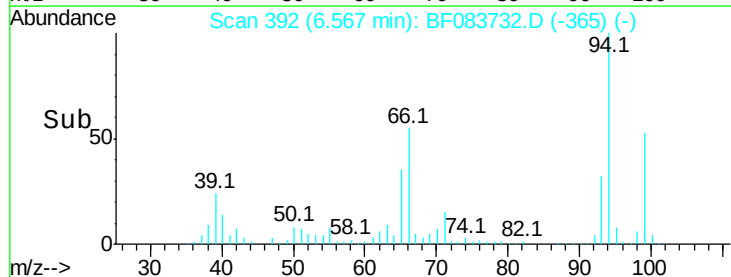
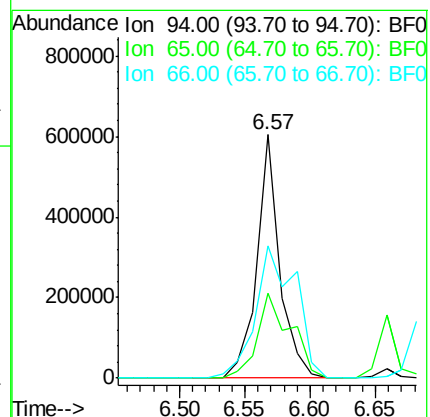
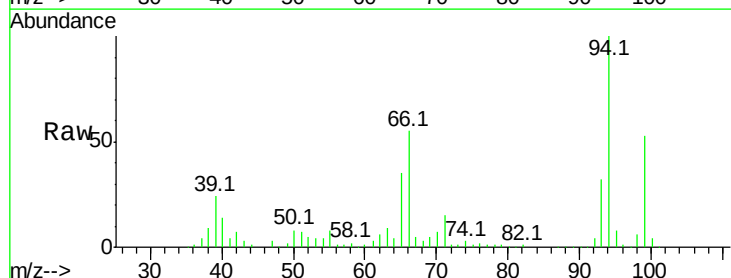
Tgt Ion: 94 Resp: 740059

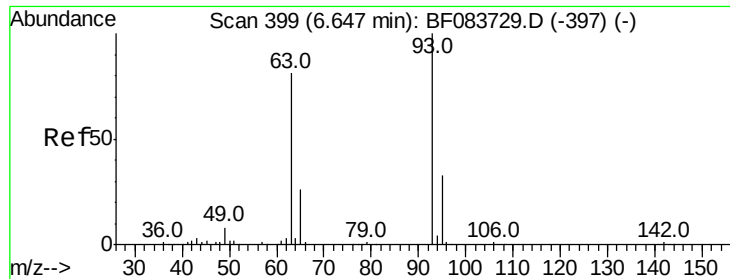
Ion Ratio Lower Upper

94 100

65 34.8 8.0 48.0

66 54.6 19.1 59.1

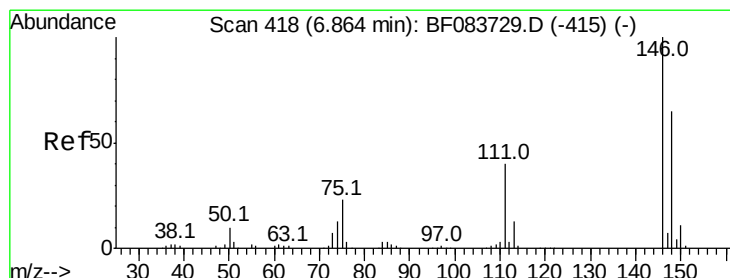
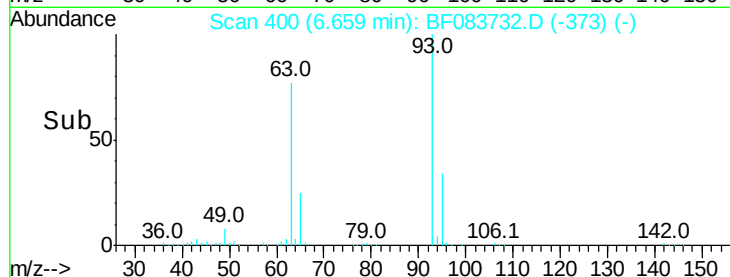
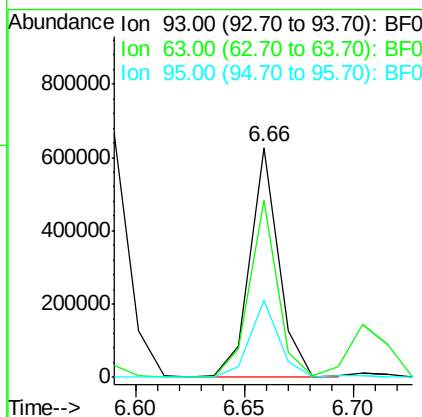
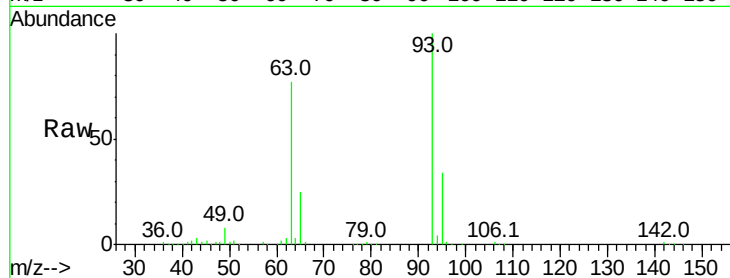




#11
bis(2-Chloroethyl)ether
Concen: 64.64 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

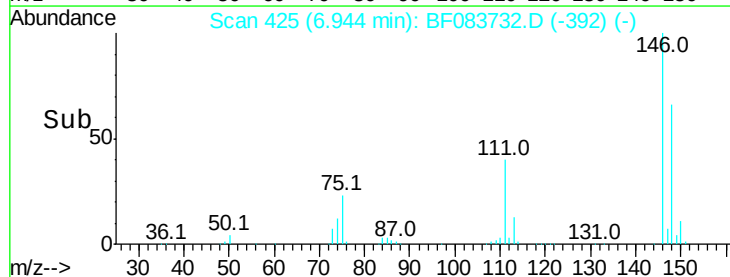
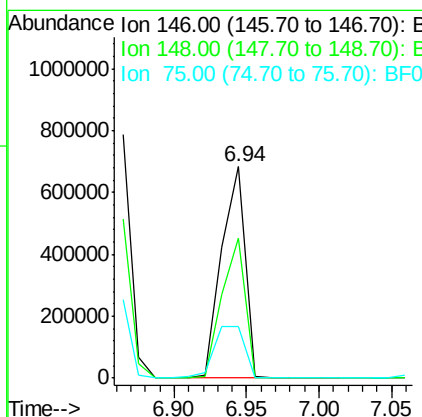
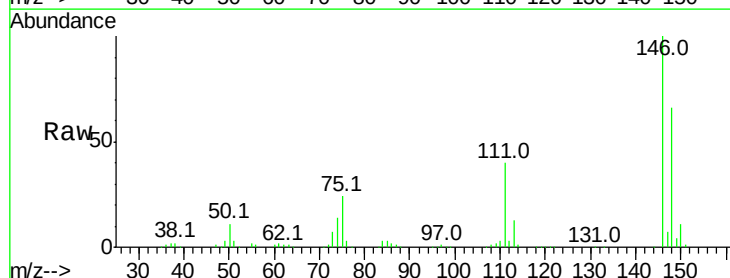
Instrument :
BNA_F
ClientSampled :

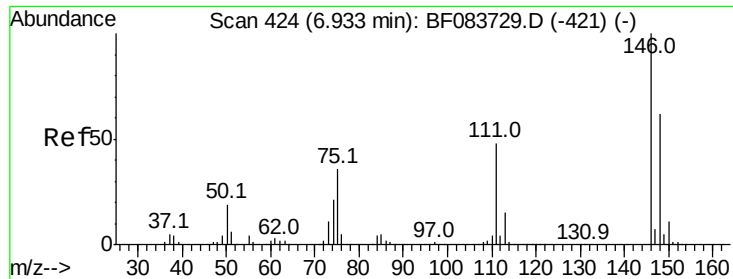
Tot Ion: 93 Resp: 572580
Ion Ratio Lower Upper
93 100
63 77.1 60.7 100.7
95 33.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 73.29 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.08 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion: 146 Resp: 768040
Ion Ratio Lower Upper
146 100
148 65.9 51.9 77.9
75 24.4 18.8 28.2





#13

1,4-Dichlorobenzene

Concen: 73.84 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.01 min

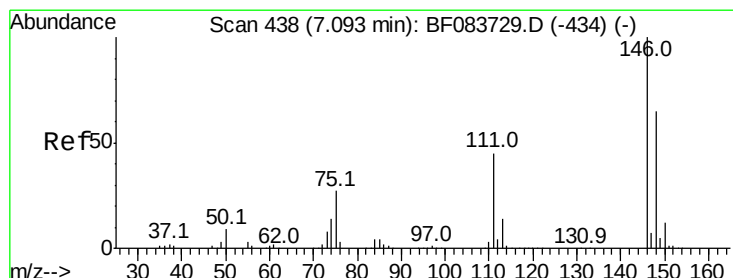
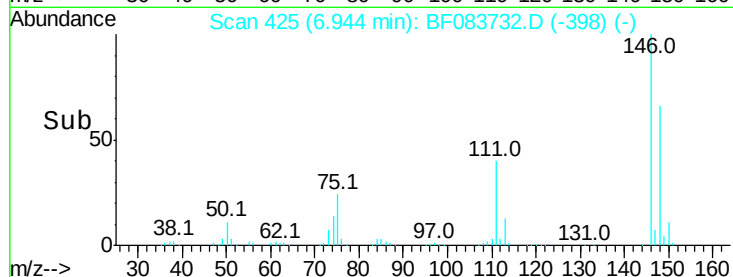
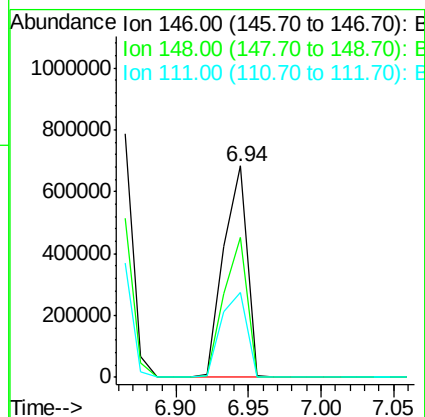
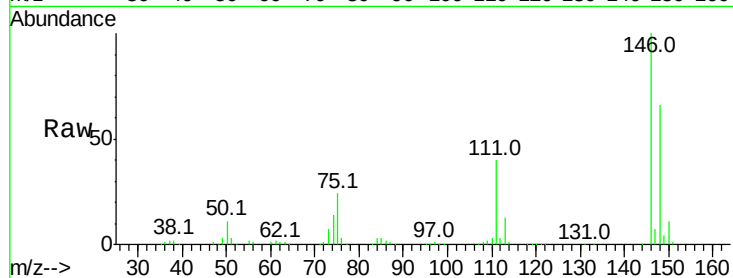
Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 768040

Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.0	75.0
111	40.1	38.1	57.1



#14

1,2-Dichlorobenzene

Concen: 60.99 ng

RT: 7.09 min Scan# 438

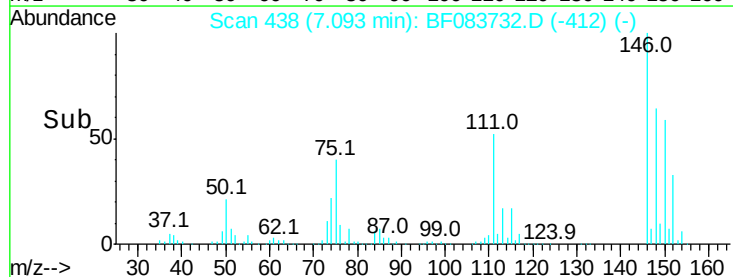
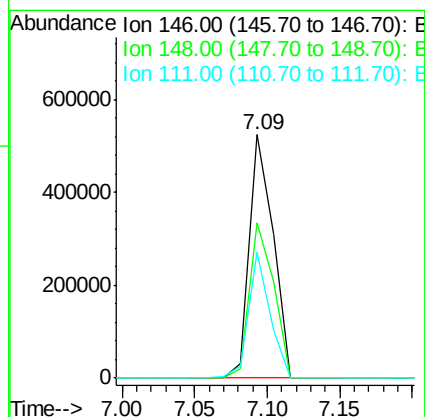
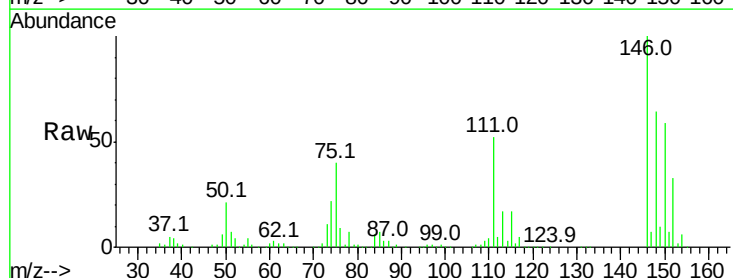
Delta R.T. -0.00 min

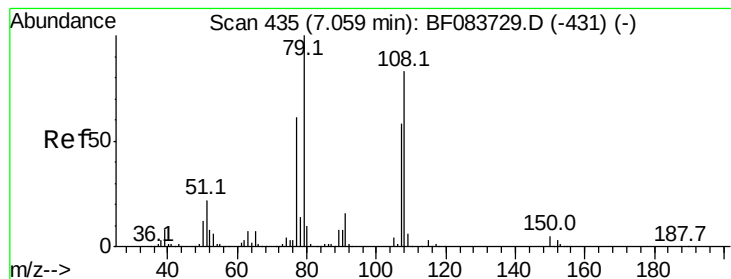
Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:146 Resp: 594312

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	51.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 74.79 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampled :

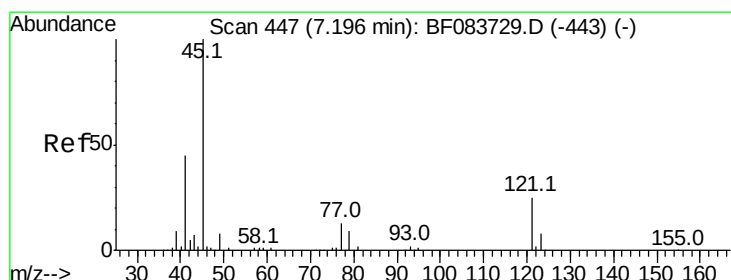
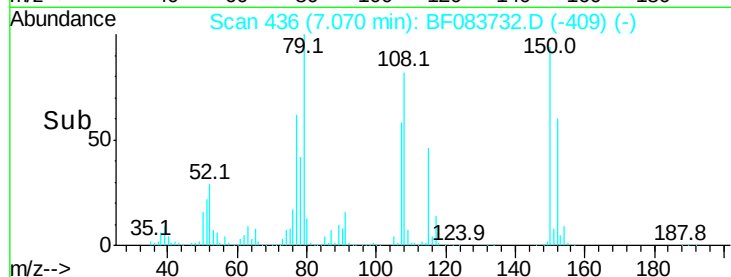
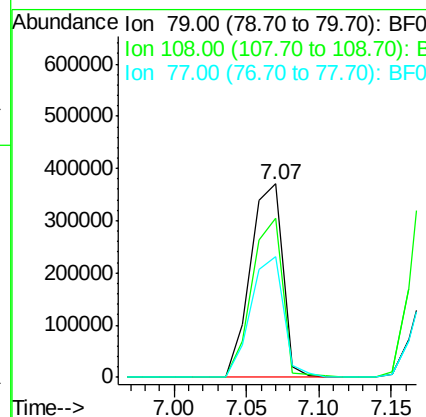
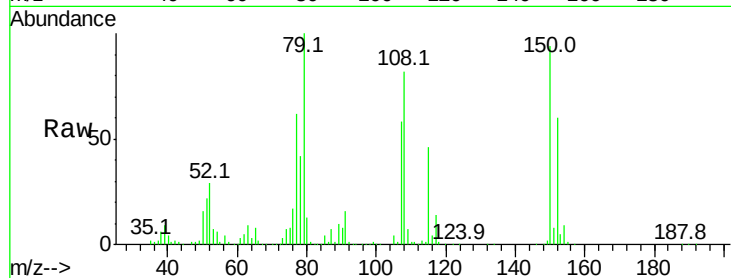
Tot Ion: 79 Resp: 574025

Ion Ratio Lower Upper

79 100

108 82.2 66.3 99.5

77 62.2 48.5 72.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 64.73 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

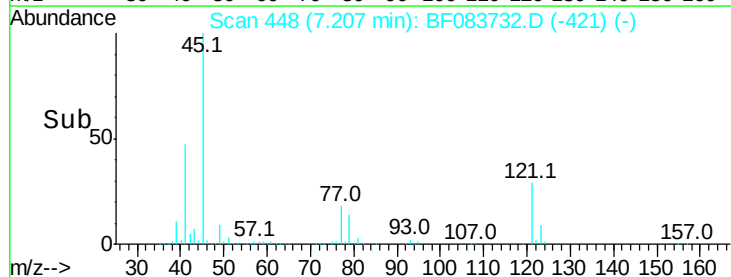
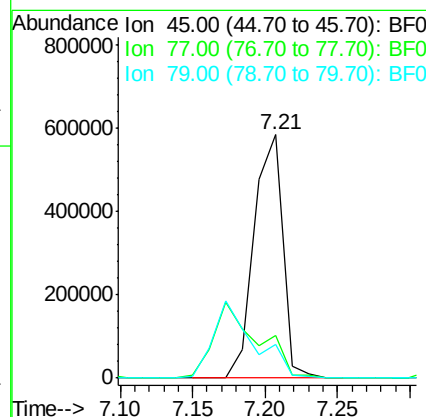
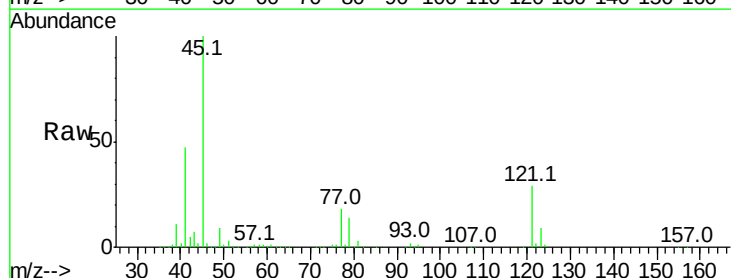
Tgt Ion: 45 Resp: 800663

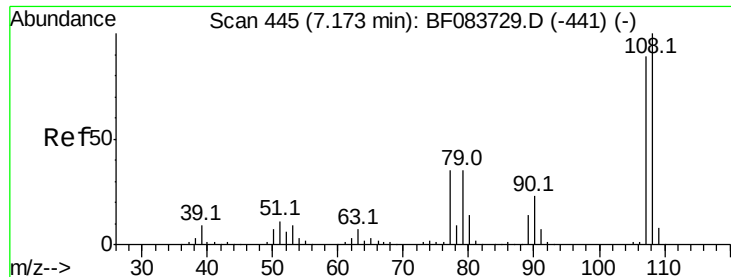
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.3

79 13.9 0.0 32.0

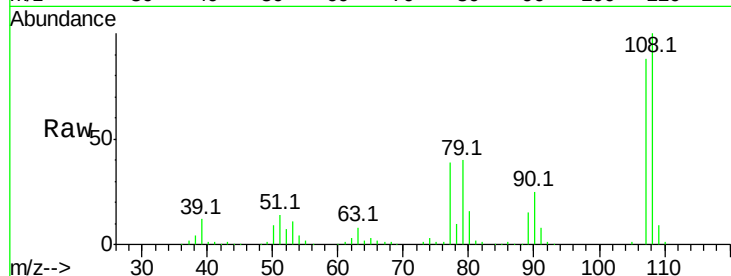




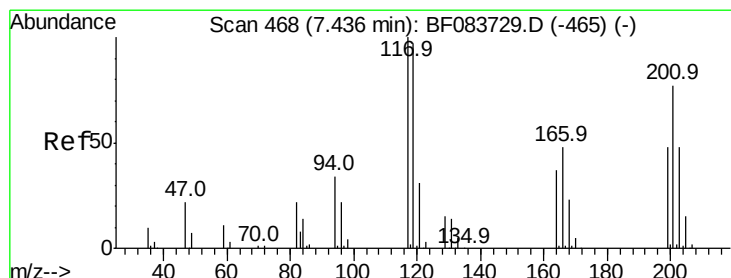
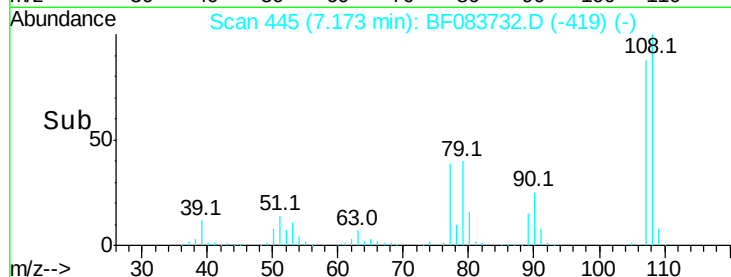
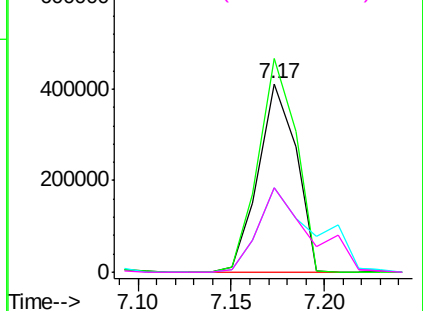
#17
2-Methylphenol
Concen: 75.86 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.5	134.3
77	44.6	31.0	46.4
79	44.8	31.4	47.2

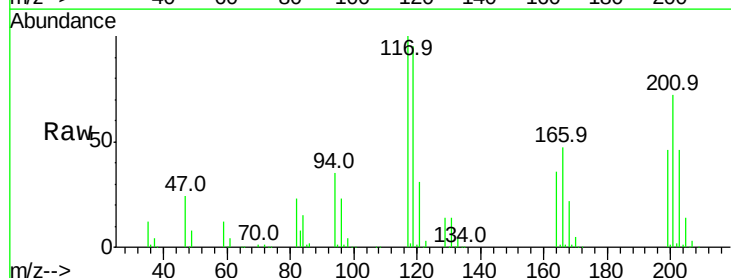


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

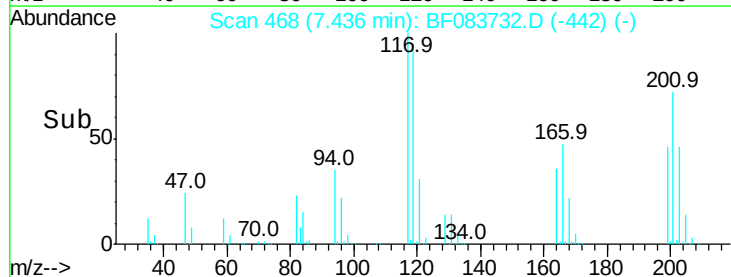
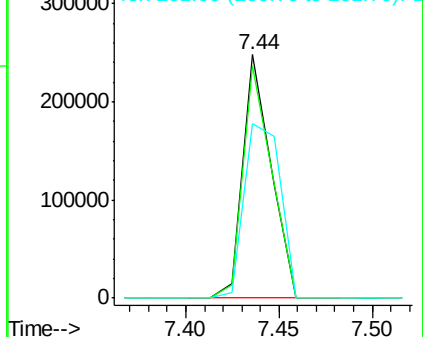


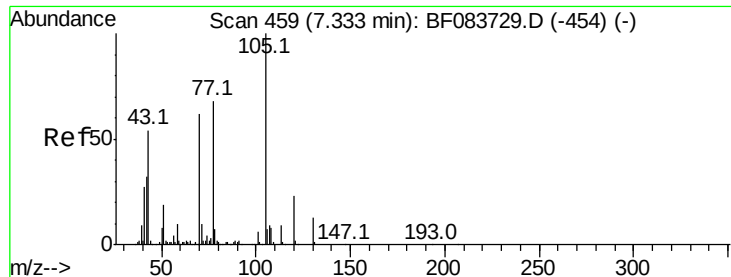
#18
Hexachloroethane
Concen: 73.00 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	71.6	61.3	91.9



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

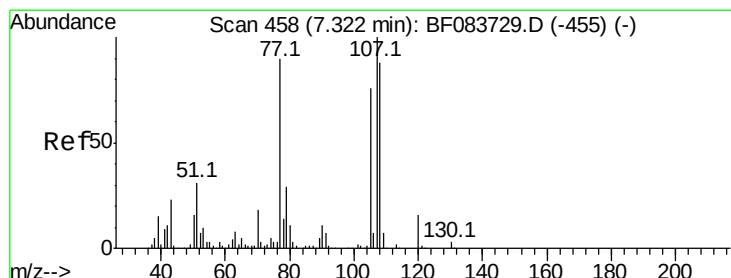
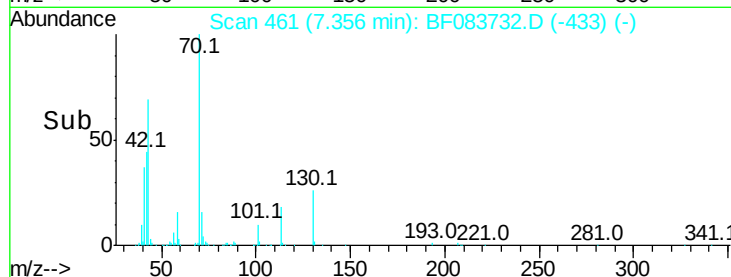
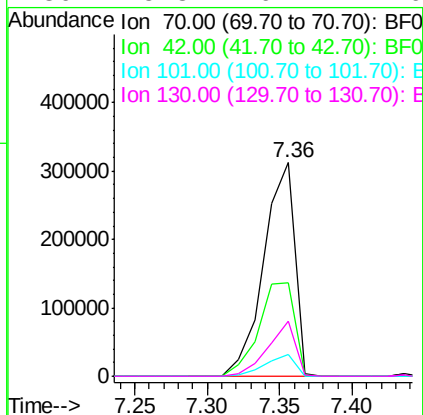
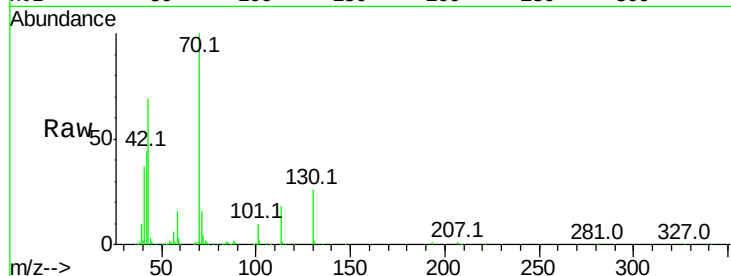




#19
n-Nitroso-di-n-propylamine
Concen: 75.94 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

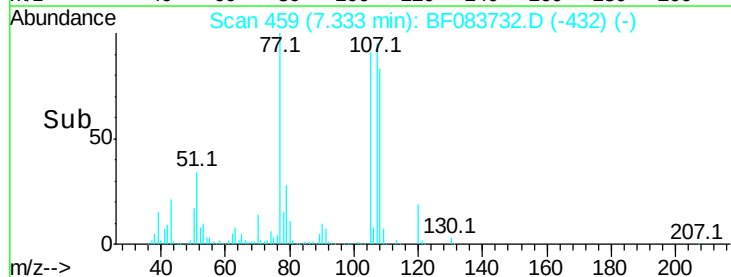
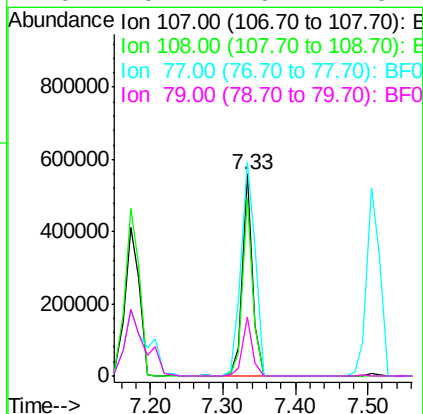
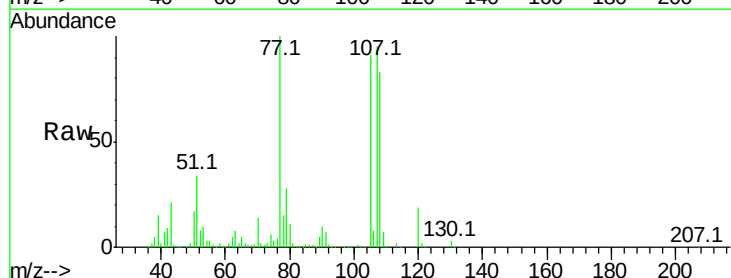
Instrument :
BNA_F
ClientSampleId :

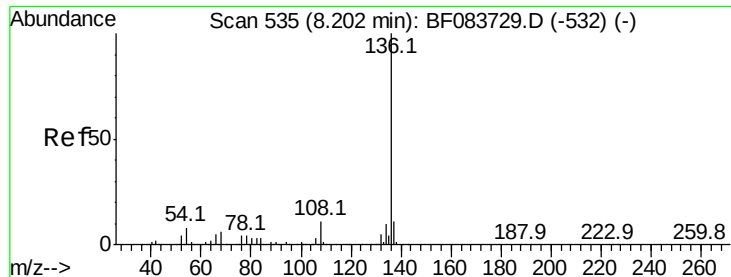
Tot Ion: 70 Resp: 465319
Ion Ratio Lower Upper
70 100
42 43.9 41.4 62.2
101 10.5 7.7 11.5
130 25.8 16.4 24.6#



#20
3+4-Methylphenols
Concen: 58.83 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:107 Resp: 544558
Ion Ratio Lower Upper
107 100
108 88.1 68.3 108.3
77 105.6 69.9 109.9
79 29.2 9.1 49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

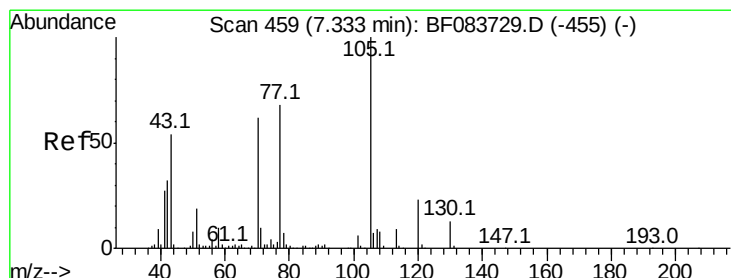
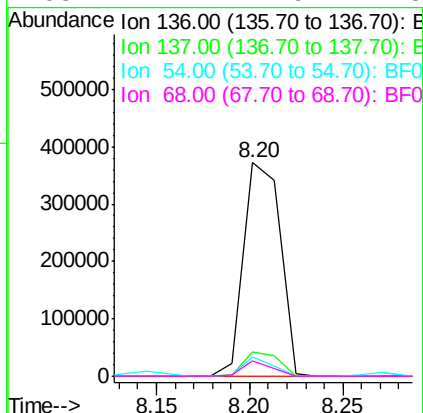
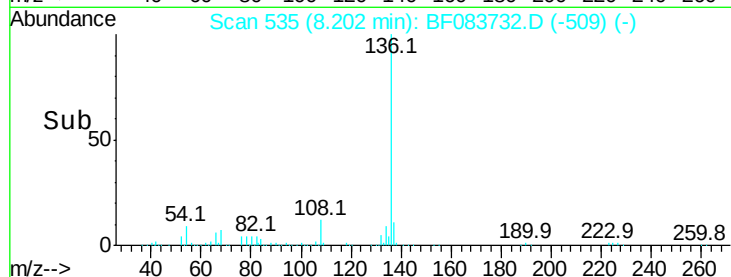
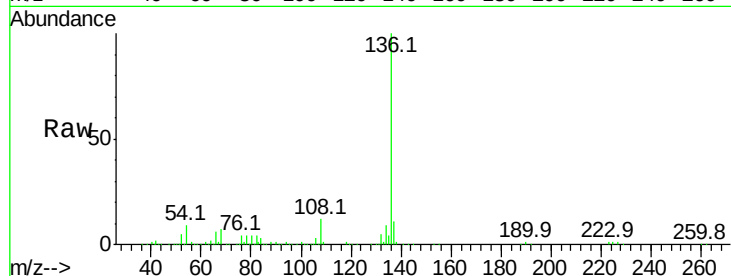
Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 508774
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 9.1	6.5 9.7
68 7.1	4.9 7.3



#22

Acetophenone

Concen: 71.39 ng

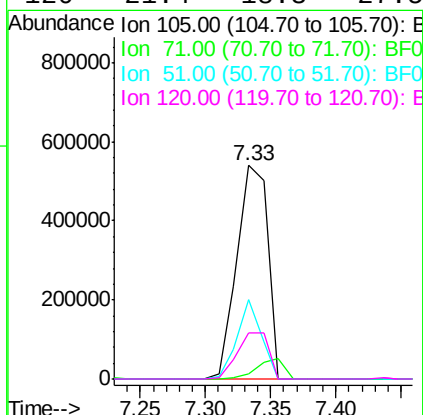
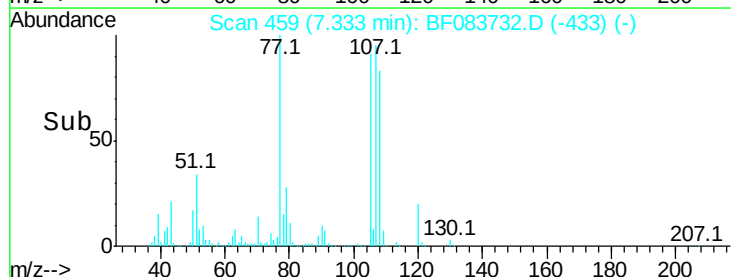
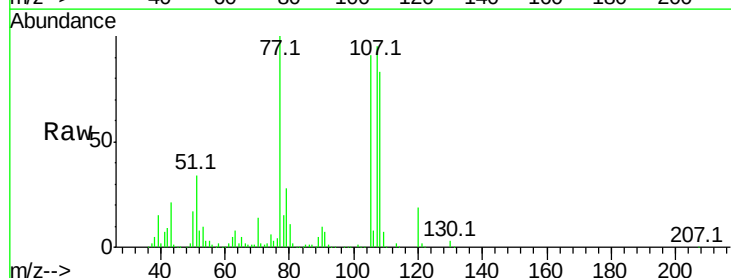
RT: 7.33 min Scan# 459

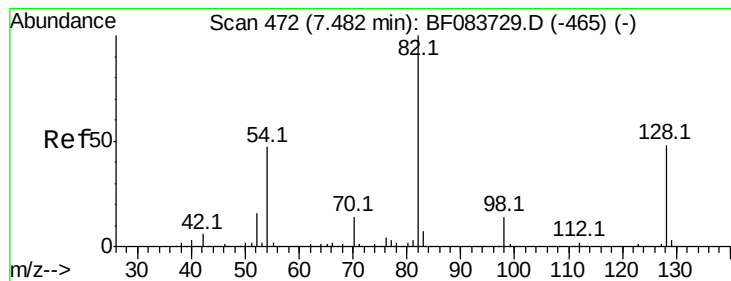
Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt	Ion:105	Resp:	884840
Ion	Ratio	Lower	Upper
105	100		
71	2.6	8.2	12.4#
51	37.3	15.0	22.6#
120	21.4	18.3	27.5





#23

Nitrobenzene-d5

Concen: 174.77 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

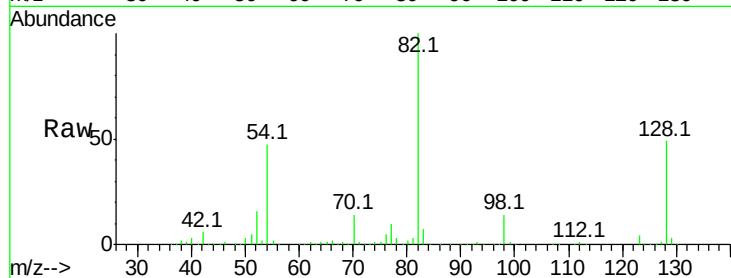
Tot Ion: 82 Resp: 1345518

Ion Ratio Lower Upper

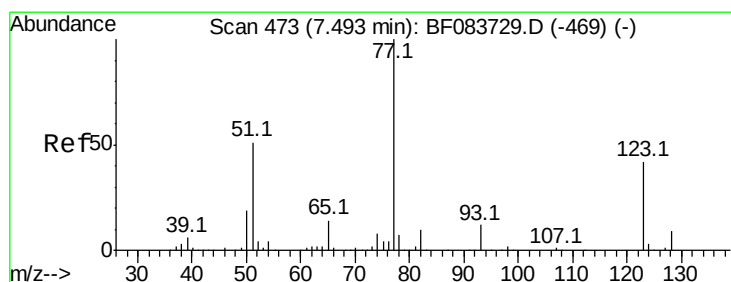
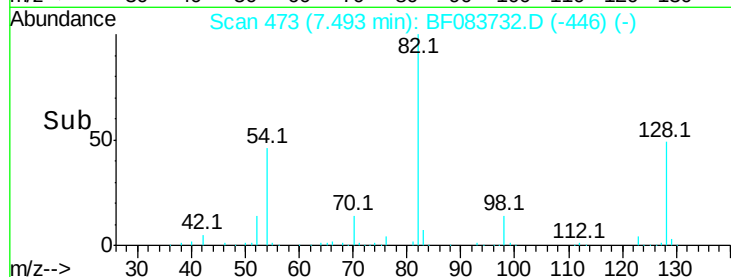
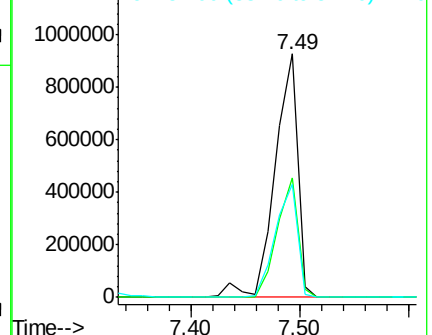
82 100

128 48.9 38.2 57.4

54 46.7 37.6 56.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 78.13 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

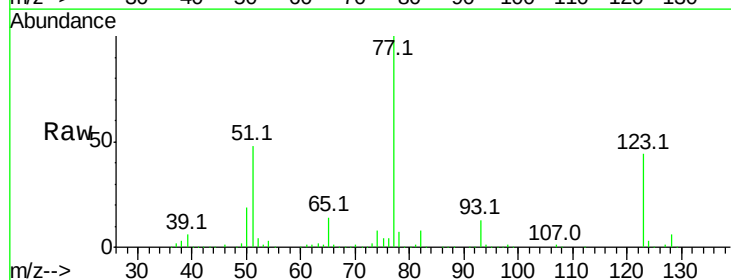
Tgt Ion: 77 Resp: 662078

Ion Ratio Lower Upper

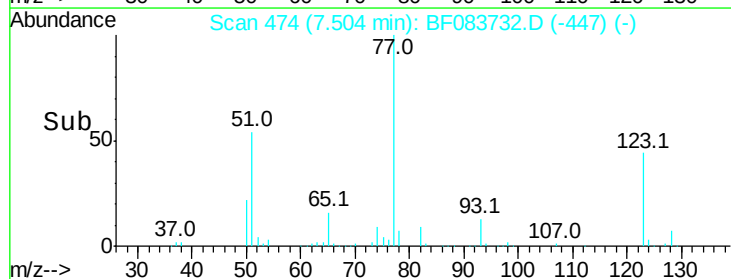
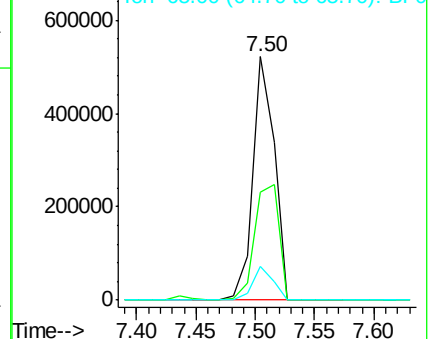
77 100

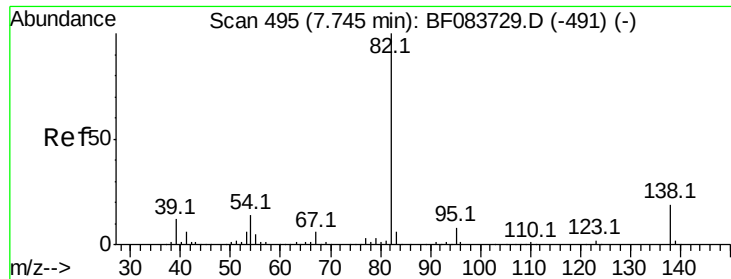
123 44.5 33.7 50.5

65 14.0 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 79.55 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

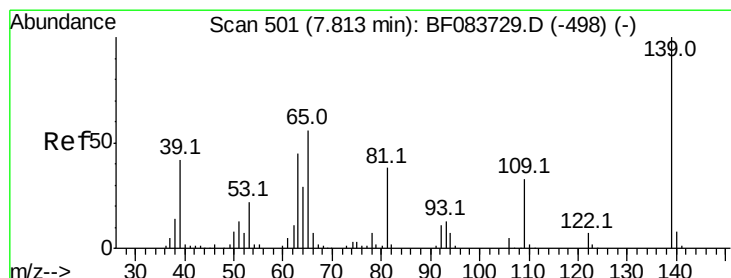
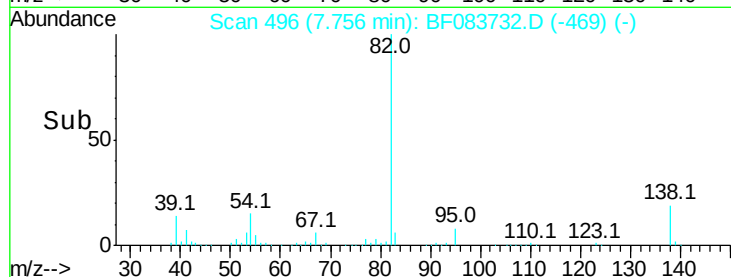
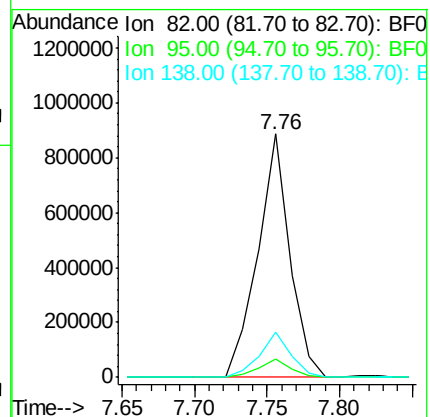
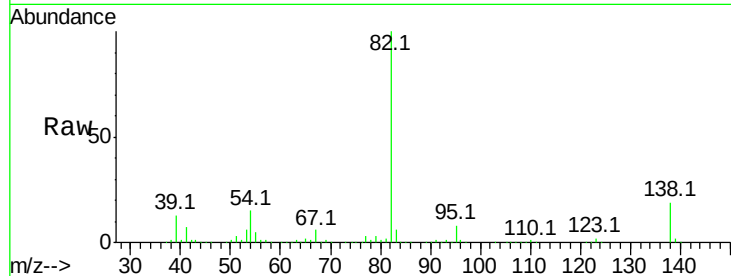
Tot Ion: 82 Resp: 1360874

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 18.7 15.5 23.3



#26

2-Nitrophenol

Concen: 110.82 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

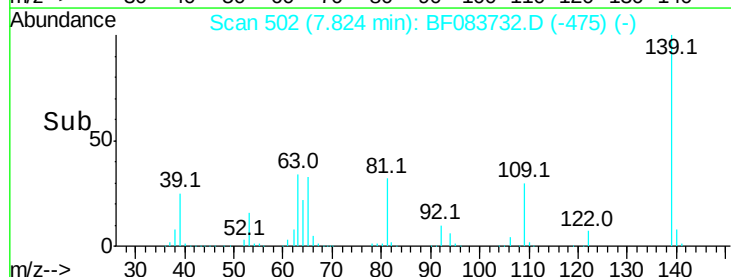
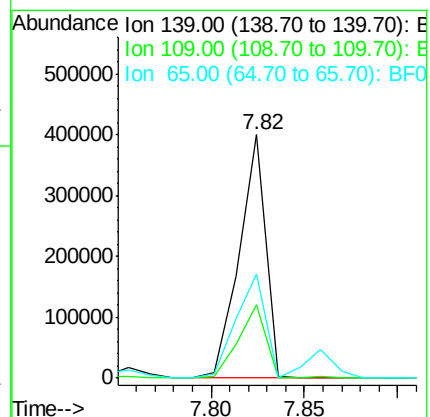
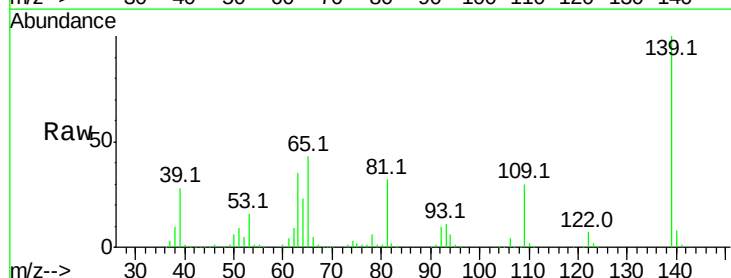
Tgt Ion: 139 Resp: 399231

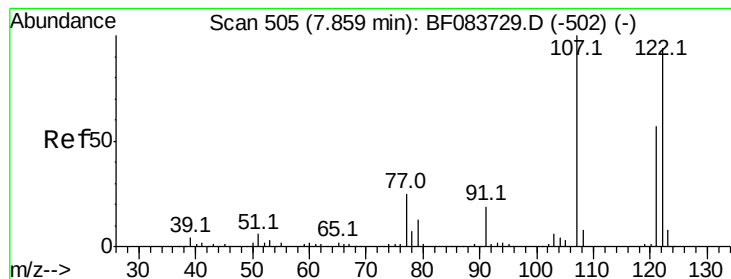
Ion Ratio Lower Upper

139 100

109 30.3 26.0 39.0

65 42.9 44.6 66.8#





#27

2,4-Dimethylphenol

Concen: 72.57 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

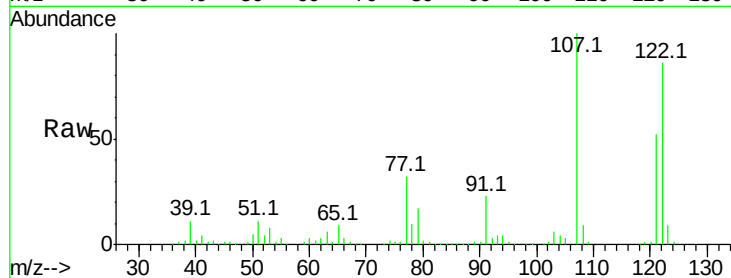
Tot Ion:122 Resp: 617468

Ion Ratio Lower Upper

122 100

107 116.1 83.9 125.9

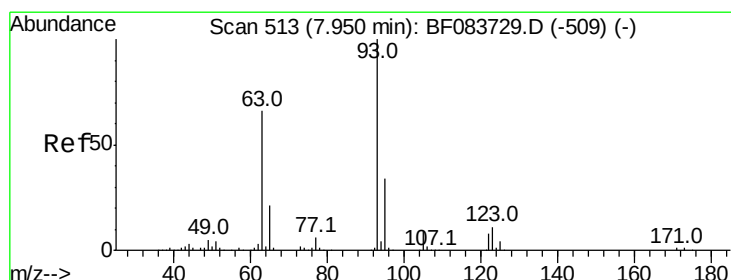
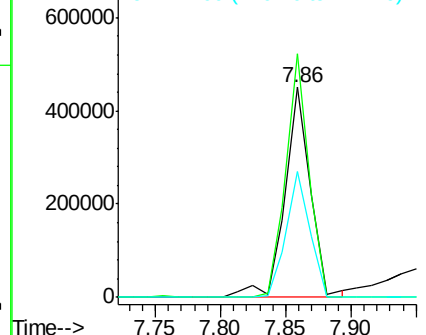
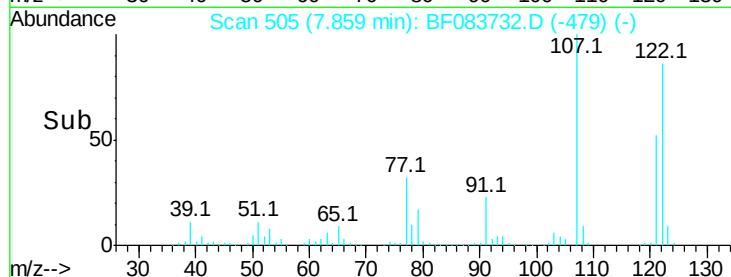
121 59.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 83.39 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

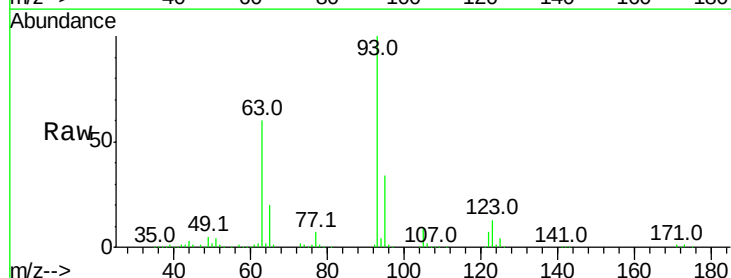
Tgt Ion: 93 Resp: 799283

Ion Ratio Lower Upper

93 100

95 33.9 26.9 40.3

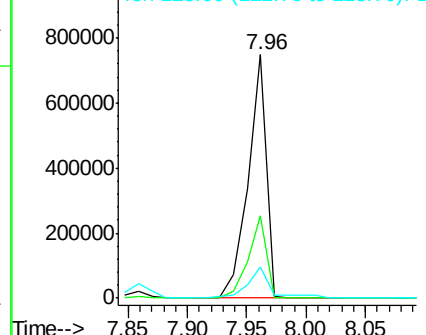
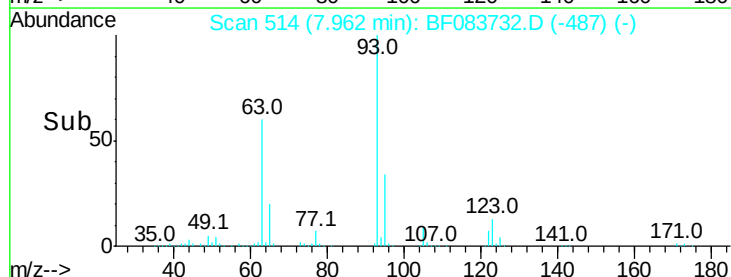
123 12.5 9.3 13.9

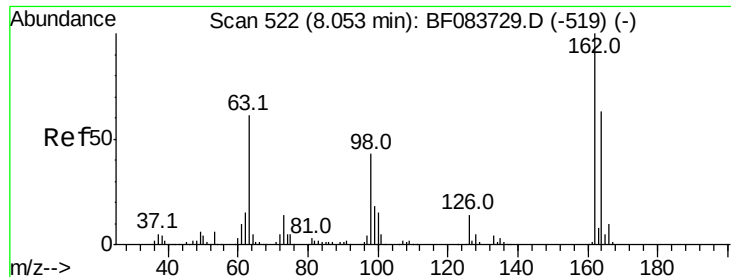


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 77.75 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

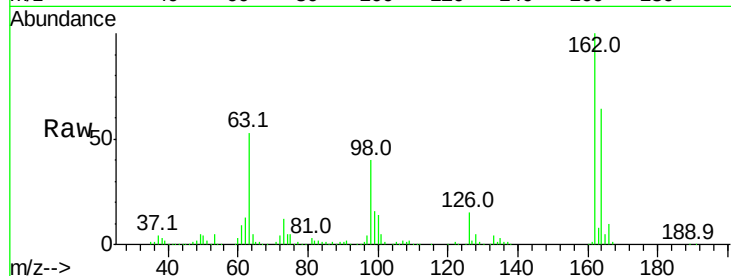
Tot Ion:162 Resp: 540241

Ion Ratio Lower Upper

162 100

164 64.1 42.8 82.8

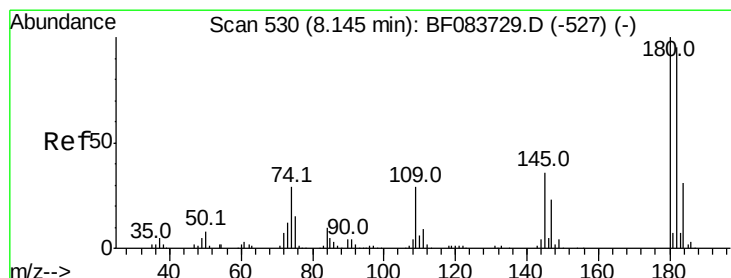
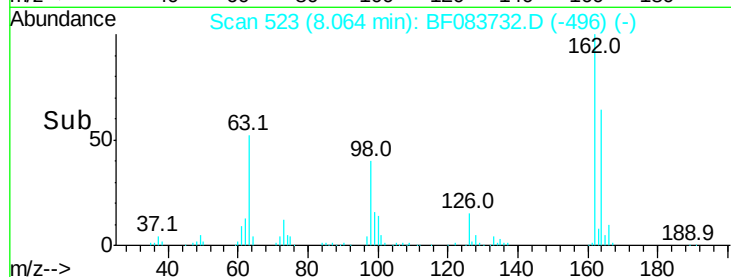
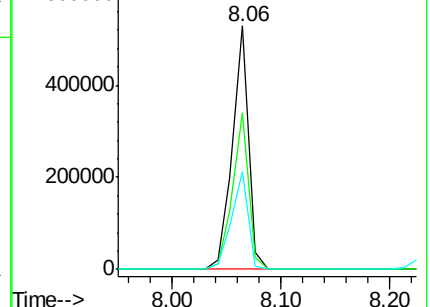
98 40.1 23.1 63.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 73.24 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

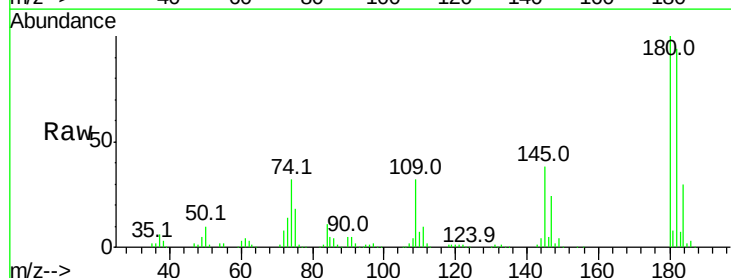
Tgt Ion:180 Resp: 560122

Ion Ratio Lower Upper

180 100

182 93.5 75.8 113.8

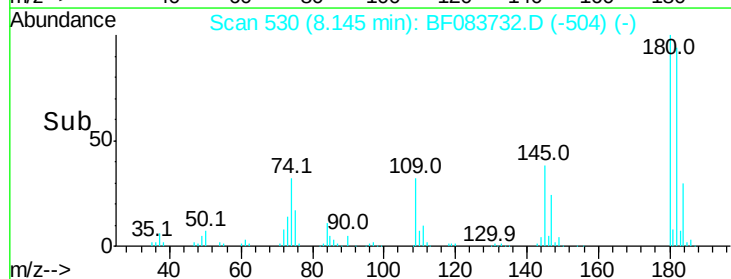
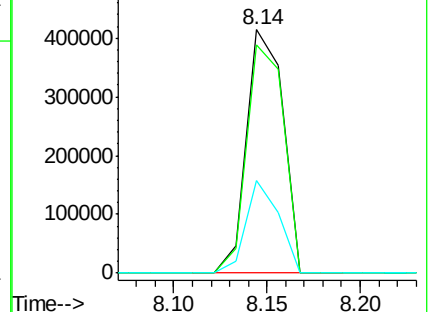
145 37.9 29.0 43.6

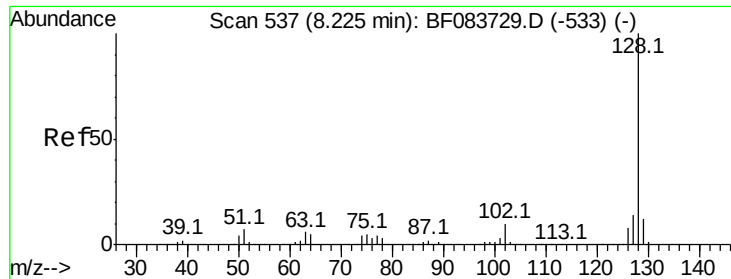


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

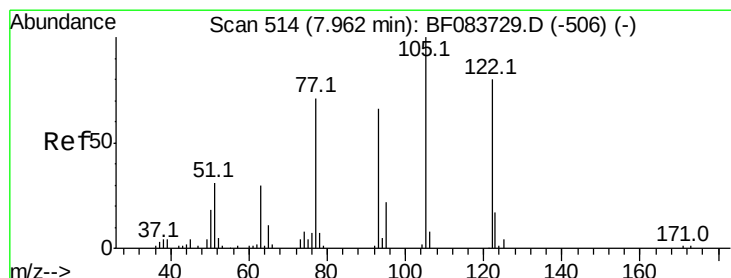
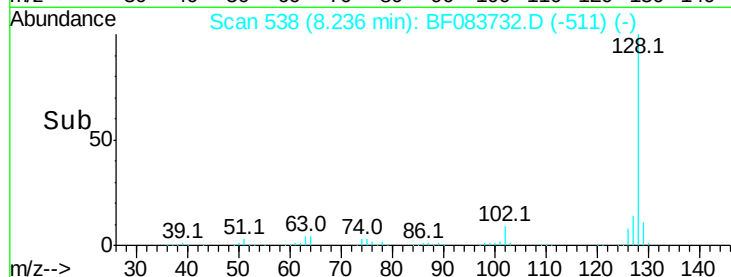
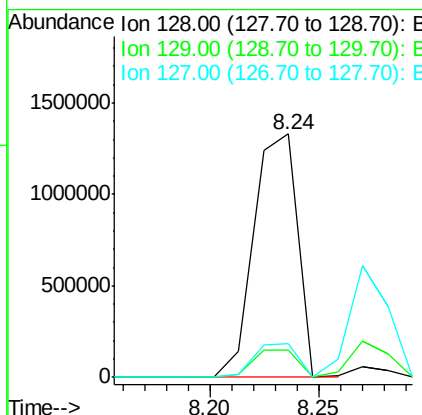
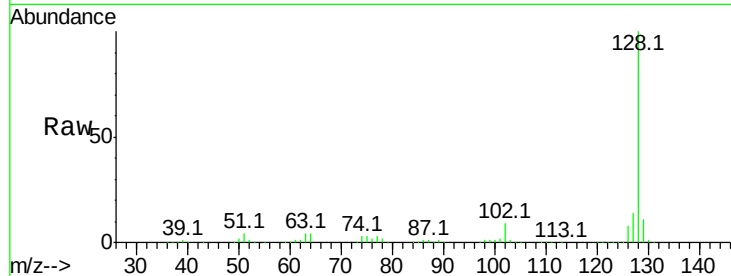




#31
Naphthalene
Concen: 74.11 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

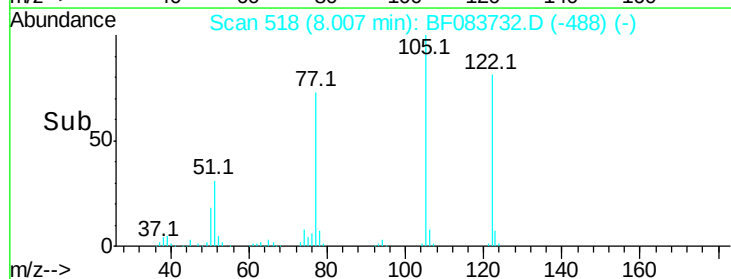
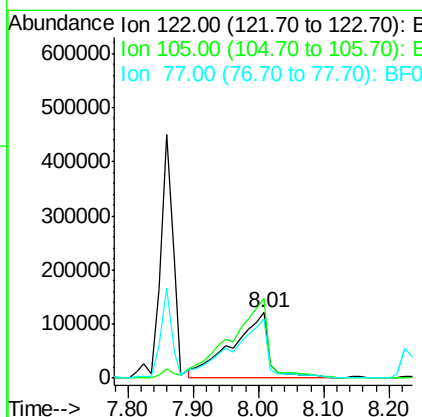
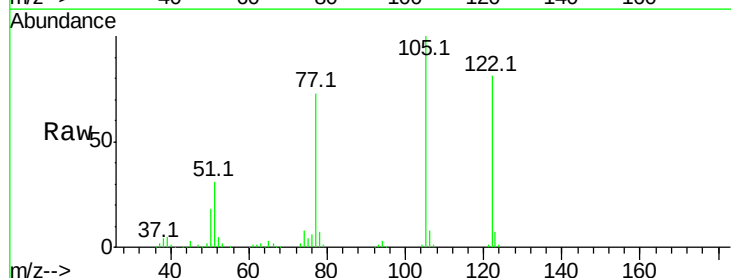
Instrument :
BNA_F
ClientSampleId :

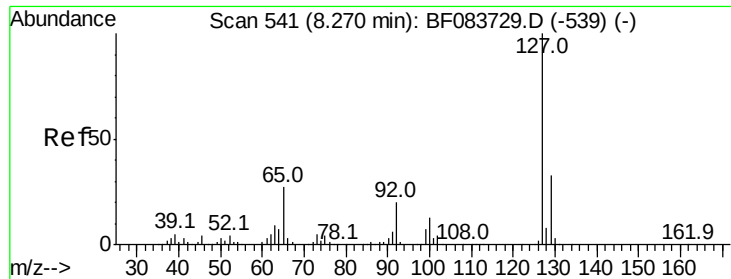
Tot Ion:128 Resp: 1869424
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 98.90 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.05 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:122 Resp: 474706
Ion Ratio Lower Upper
122 100
105 123.0 102.6 142.6
77 90.4 69.1 109.1

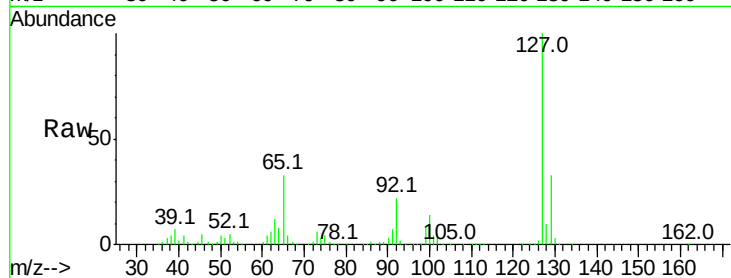




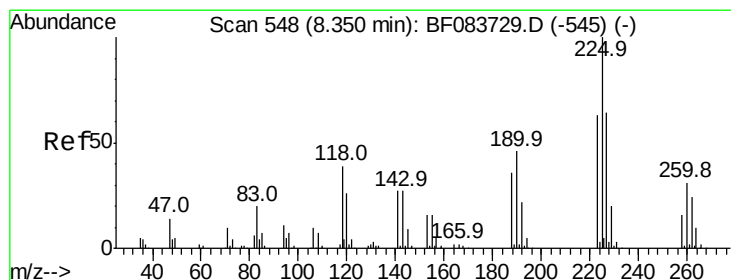
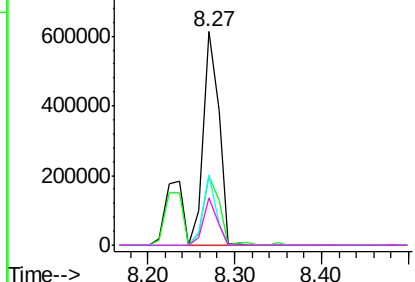
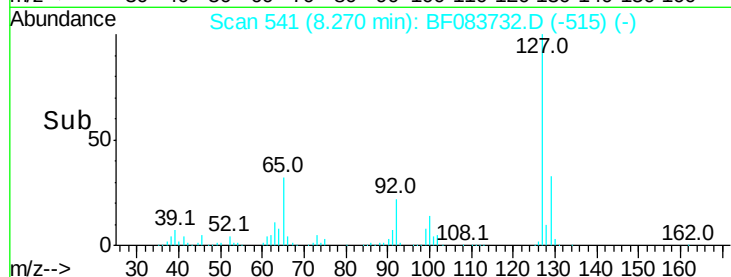
#33
4-Chloroaniline
Concen: 70.73 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	761402
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	33.0	21.7	32.5#
92	22.1	15.8	23.6

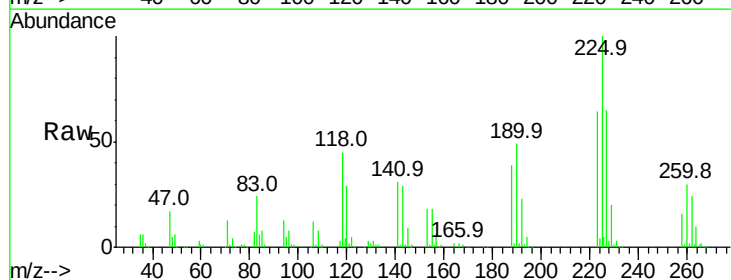


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

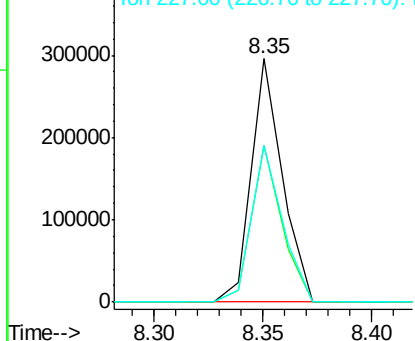
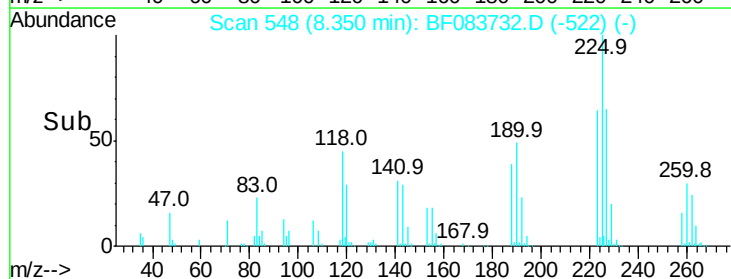


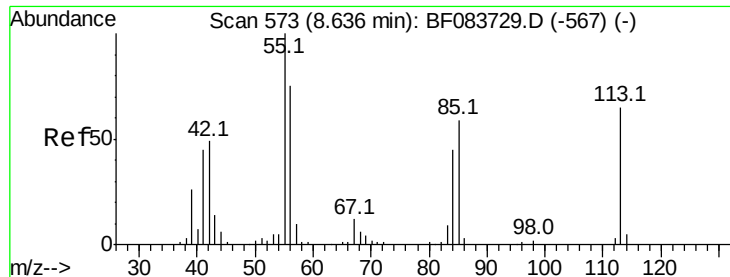
#34
Hexachlorobutadiene
Concen: 68.56 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:	225	Resp:	293021
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	75.8
227	64.5	50.8	76.2



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





#35

Caprolactam

Concen: 81.57 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.03 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampled :

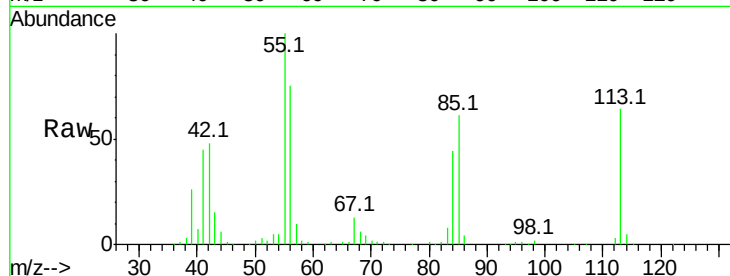
Tot Ion:113 Resp: 185089

Ion Ratio Lower Upper

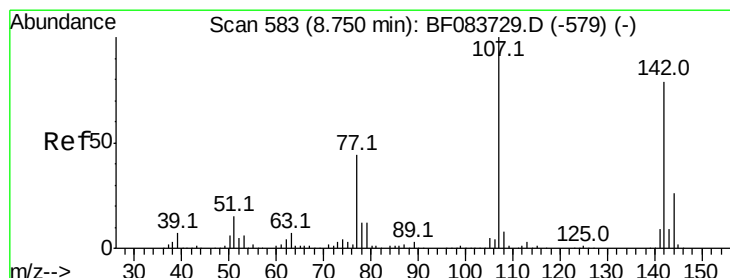
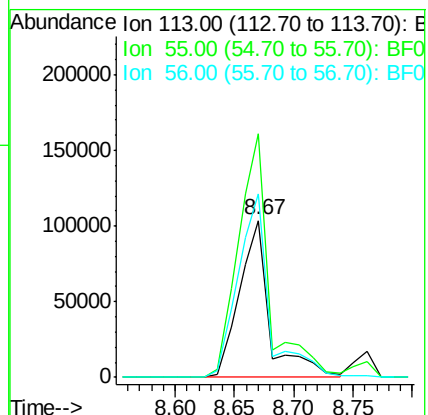
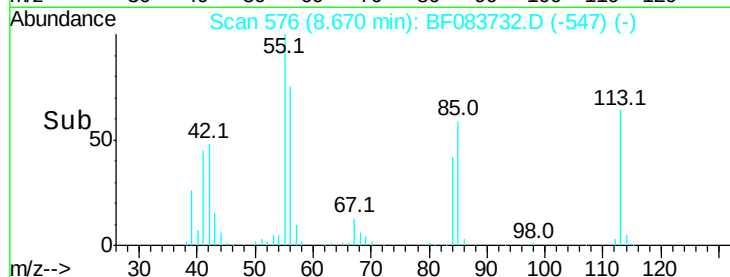
113 100

55 155.4 133.7 173.7

56 117.0 95.4 135.4



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



#36

4-Chloro-3-methylphenol

Concen: 85.92 ng

RT: 8.76 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

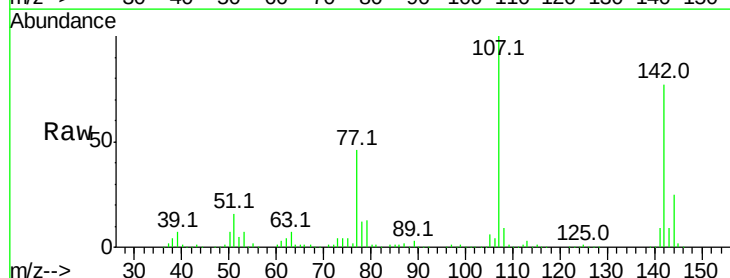
Tgt Ion:107 Resp: 678100

Ion Ratio Lower Upper

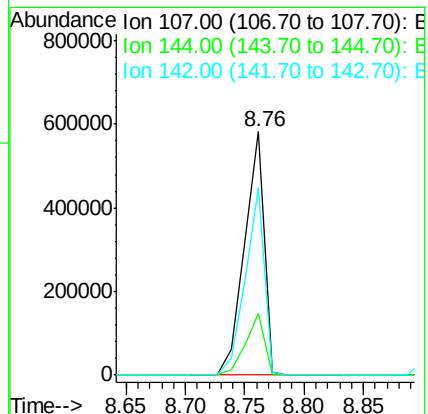
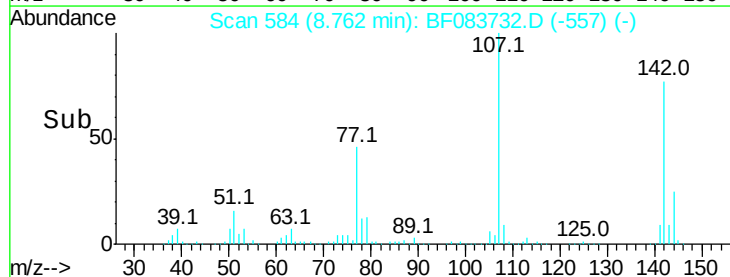
107 100

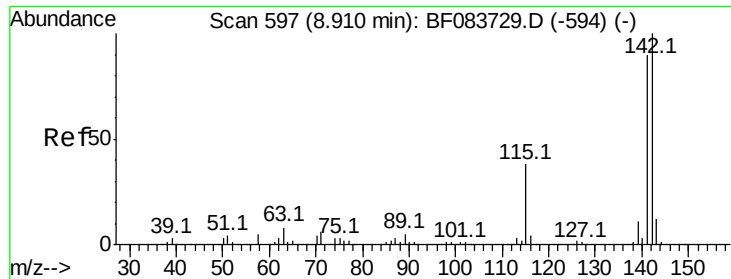
144 25.5 20.5 30.7

142 76.7 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

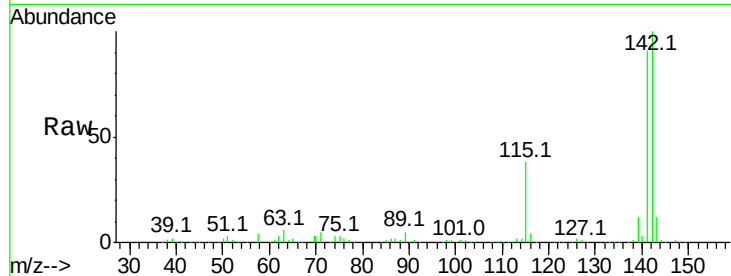




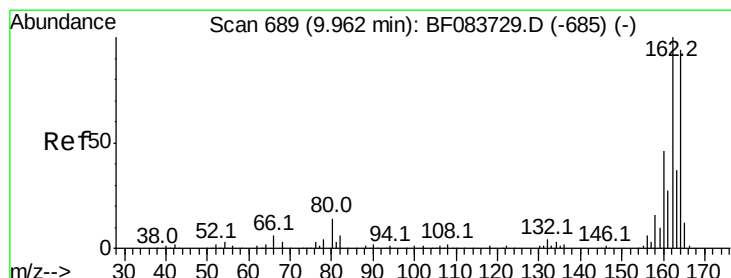
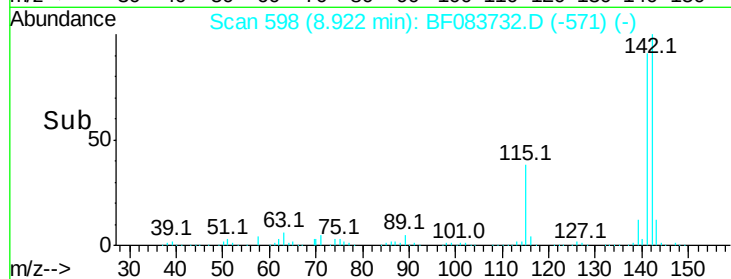
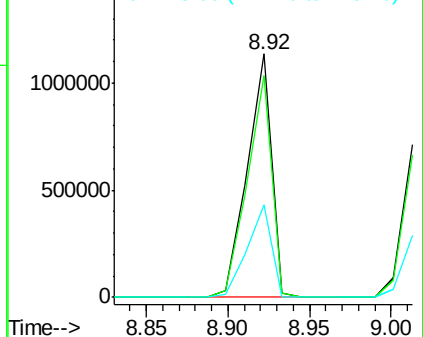
#37
2-Methylnaphthalene
Concen: 73.16 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1176785
Ion Ratio Lower Upper
142 100
141 91.3 72.0 108.0
115 38.1 30.8 46.2

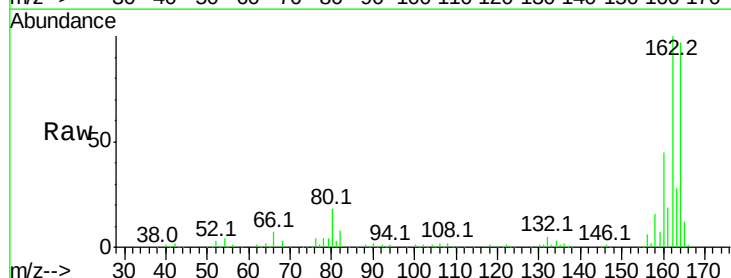


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

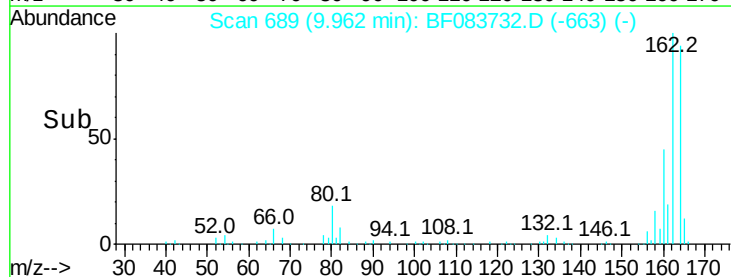
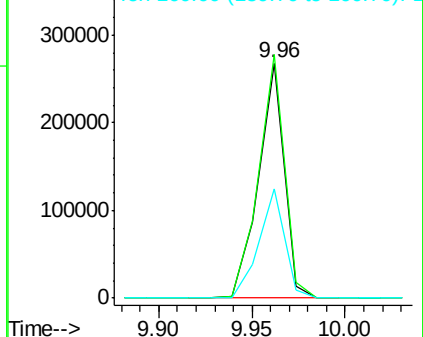


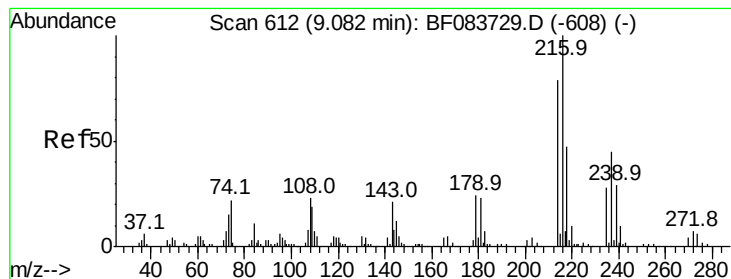
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:164 Resp: 253681
Ion Ratio Lower Upper
164 100
162 103.6 85.0 127.4
160 46.7 38.7 58.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 68.58 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 531410

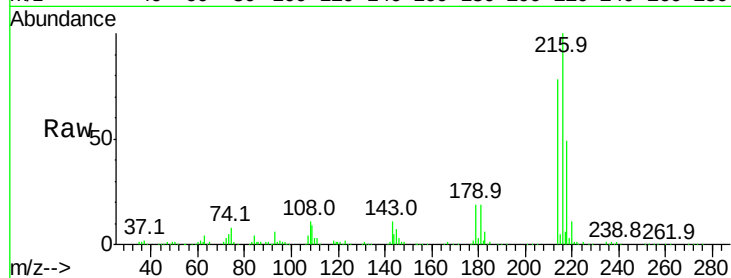
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 21.4 18.2 27.4

108 18.8 18.6 28.0

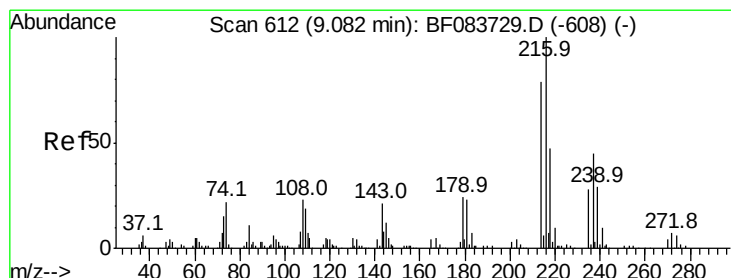
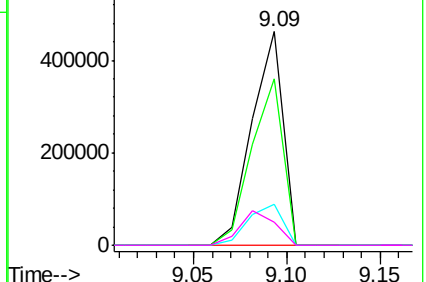
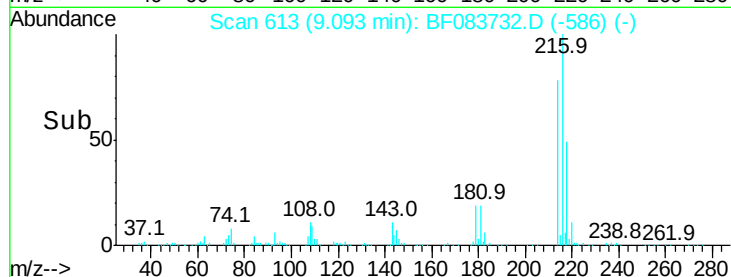


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.92 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

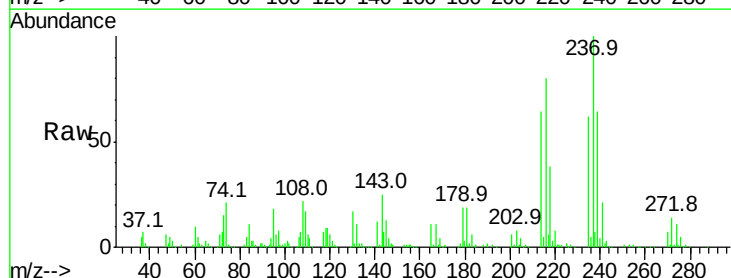
Tgt Ion:237 Resp: 314066

Ion Ratio Lower Upper

237 100

235 62.3 41.8 81.8

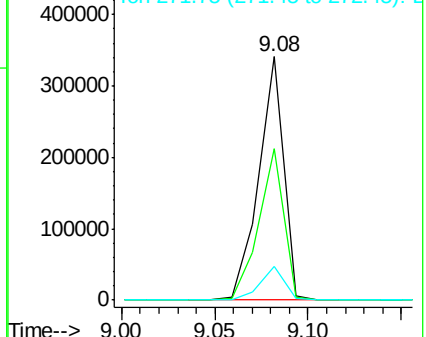
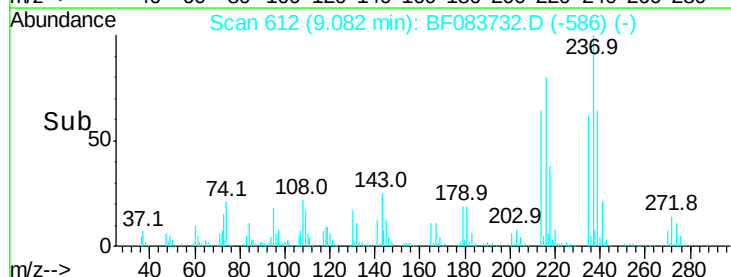
272 13.7 0.0 34.9

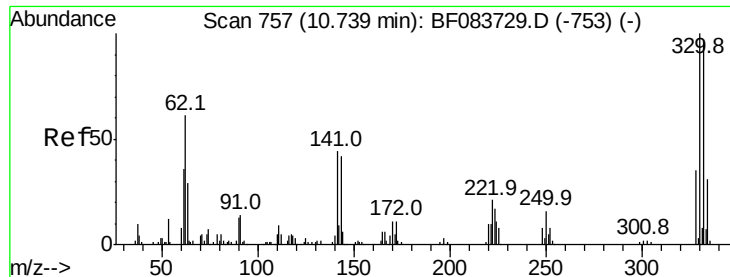


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

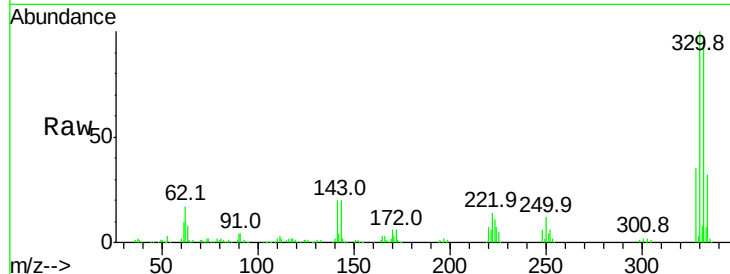




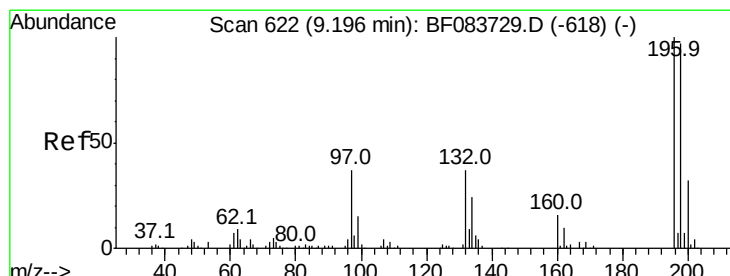
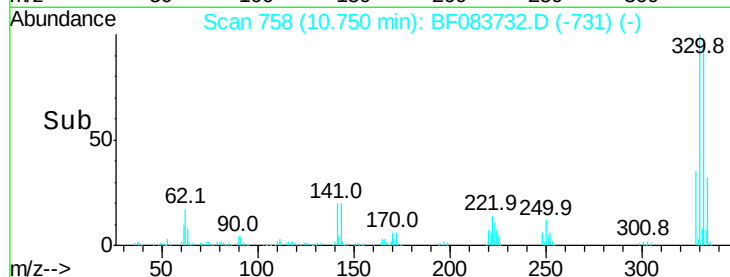
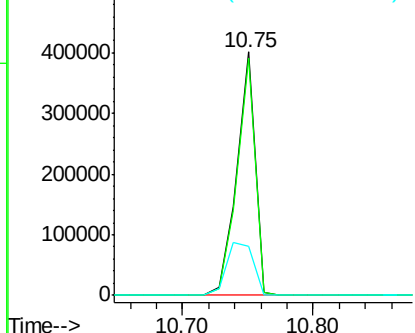
#41
 2,4,6-Tribromophenol
 Concen: 161.28 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	32.2	31.9	47.9

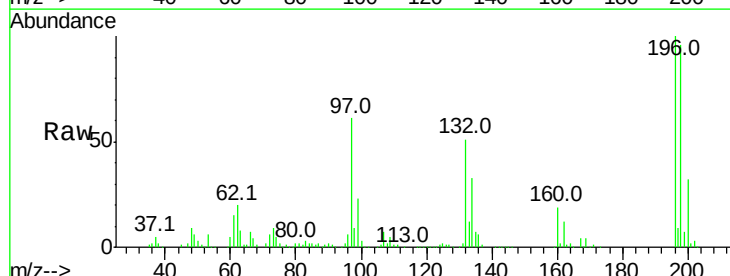


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

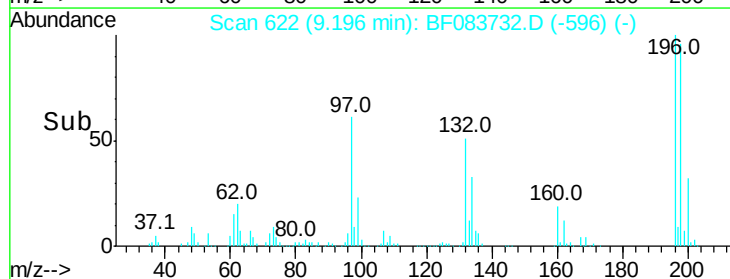
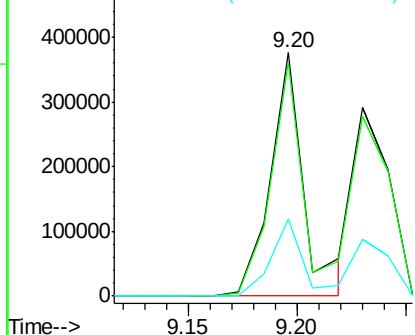


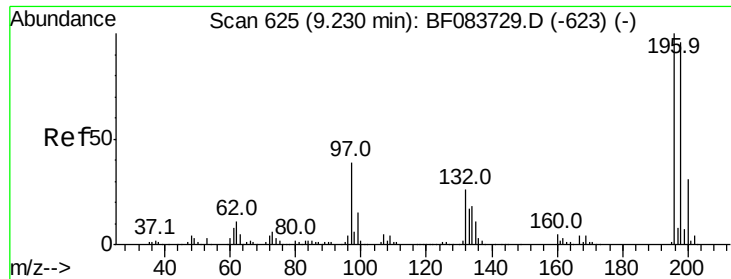
#42
 2,4,6-Trichlorophenol
 Concen: 75.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.8	116.6
200	31.7	25.6	38.4



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

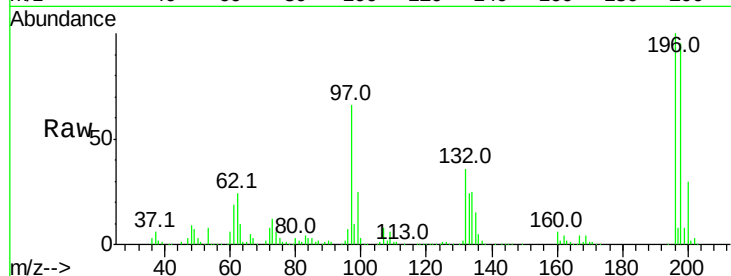




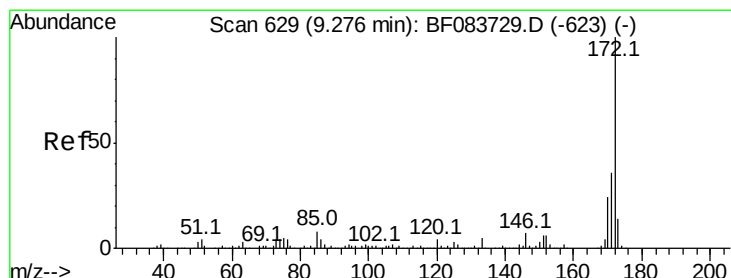
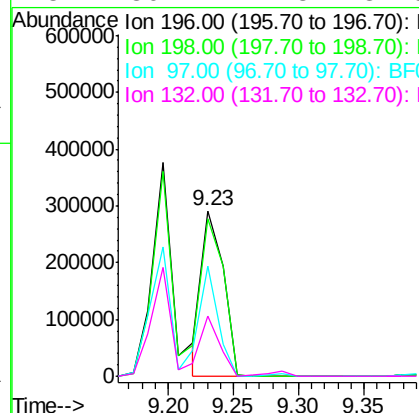
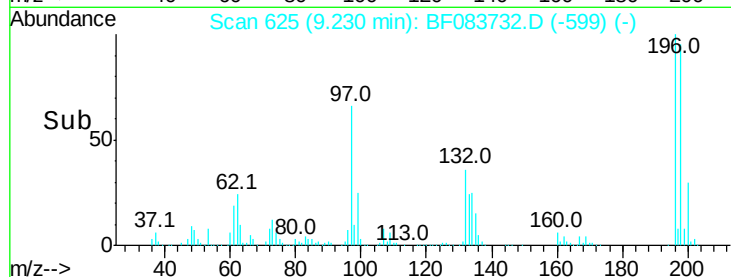
#43
 2,4,5-Trichlorophenol
 Concen: 63.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 336767
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 97 66.1 32.8 49.2#
 132 36.4 21.3 31.9#

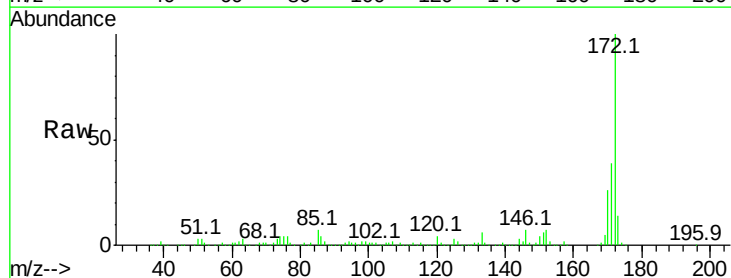


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

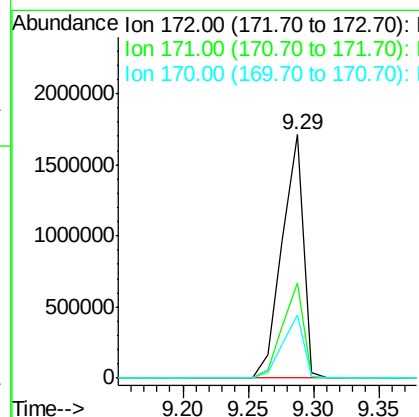
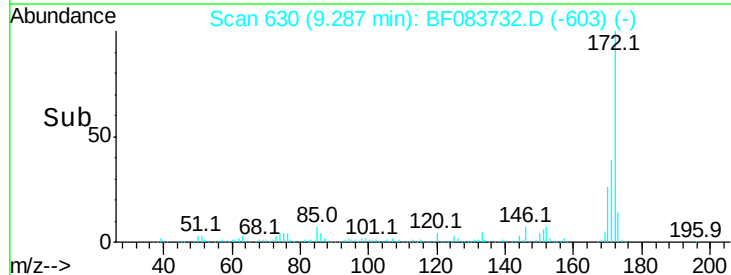


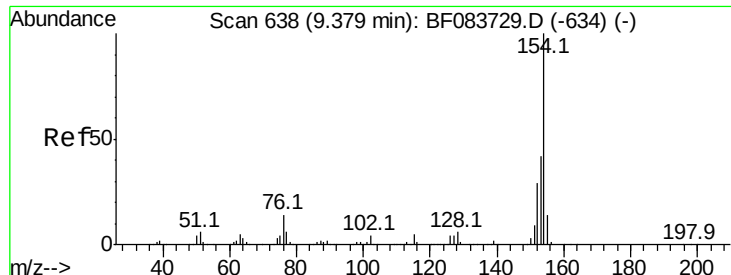
#44
 2-Fluorobiphenyl
 Concen: 114.07 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:172 Resp: 1981234
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.0 43.6
 170 25.8 19.4 29.2



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

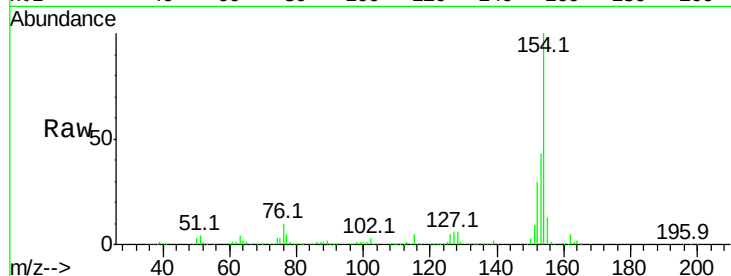




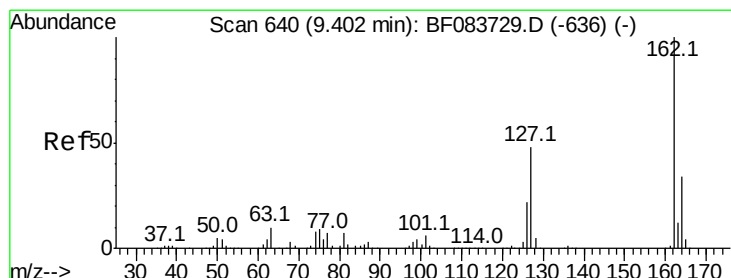
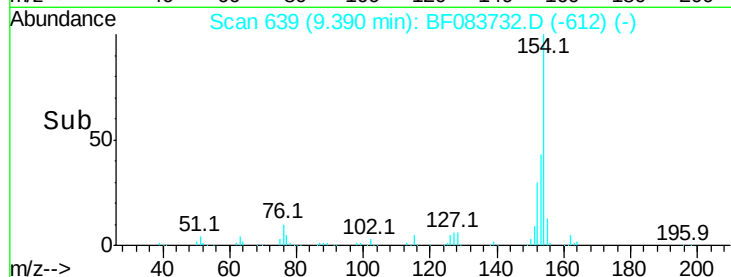
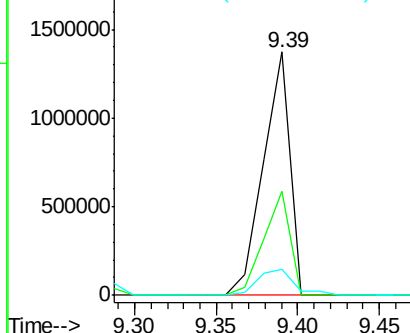
#45
 1,1'-Biphenyl
 Concen: 70.57 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1549144
 Ion Ratio Lower Upper
 154 100
 153 43.0 21.9 61.9
 76 10.4 0.0 33.9

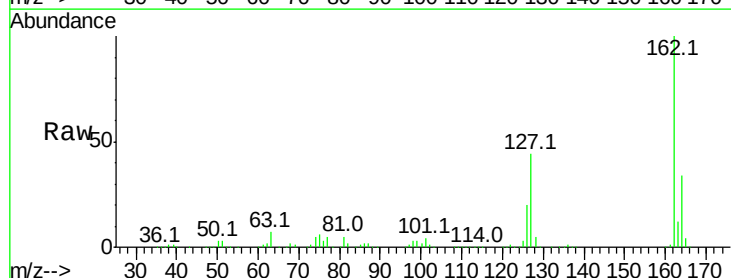


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

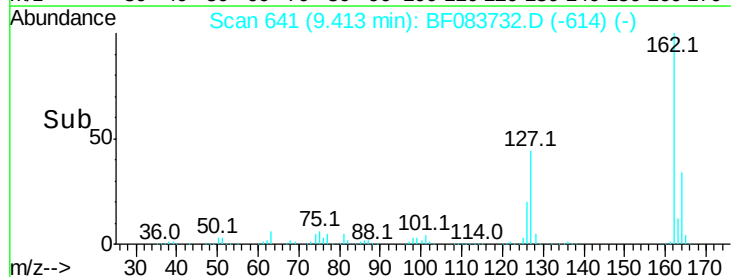
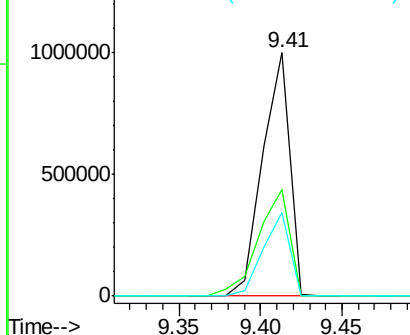


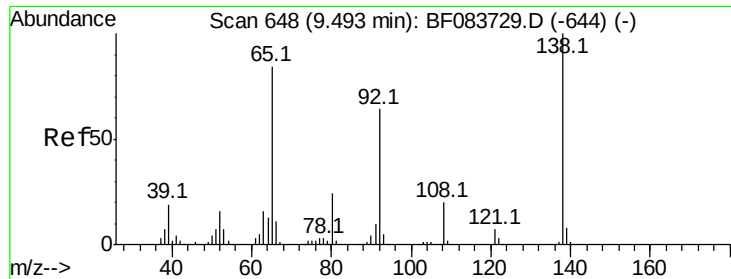
#46
 2-Chloronaphthalene
 Concen: 69.98 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:162 Resp: 1154690
 Ion Ratio Lower Upper
 162 100
 127 43.8 38.8 58.2
 164 34.4 26.9 40.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

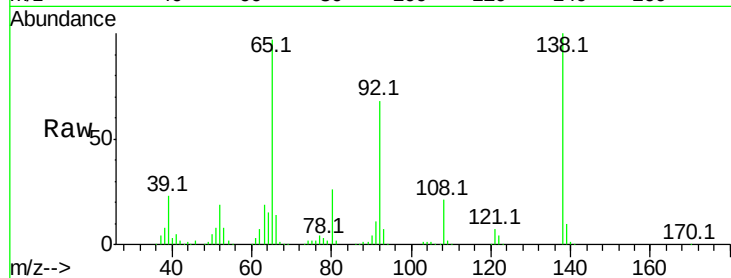




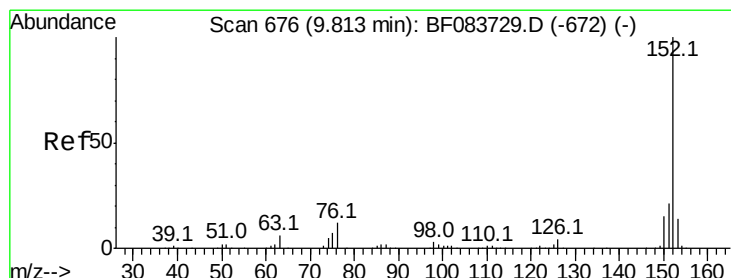
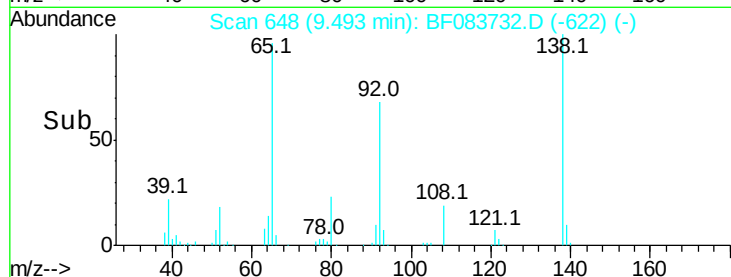
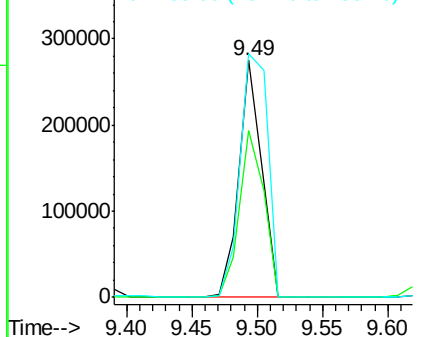
#47
2-Nitroaniline
Concen: 75.70 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 332231
Ion Ratio Lower Upper
65 100
92 70.2 61.1 91.7
138 102.8 95.0 142.4

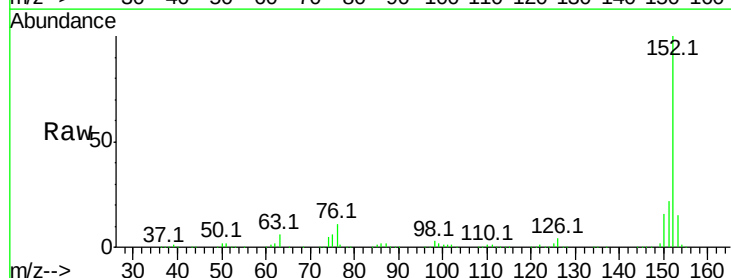


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

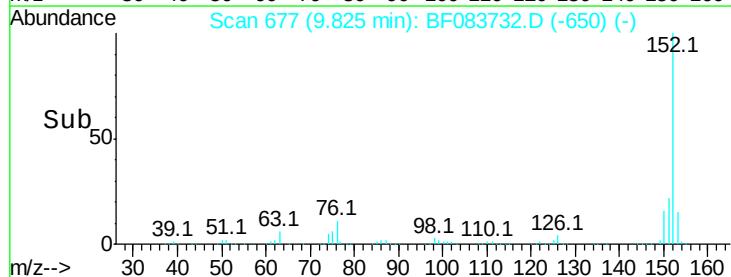
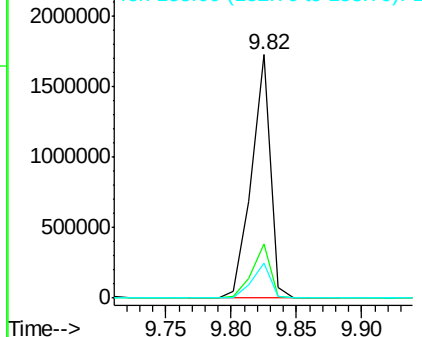


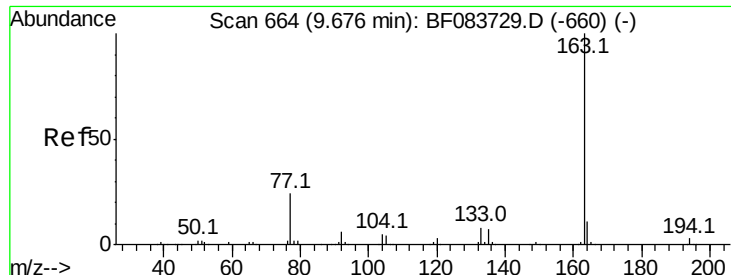
#48
Acenaphthylene
Concen: 63.28 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion: 152 Resp: 1745654
Ion Ratio Lower Upper
152 100
151 22.1 16.5 24.7
153 14.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 64.11 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampled :

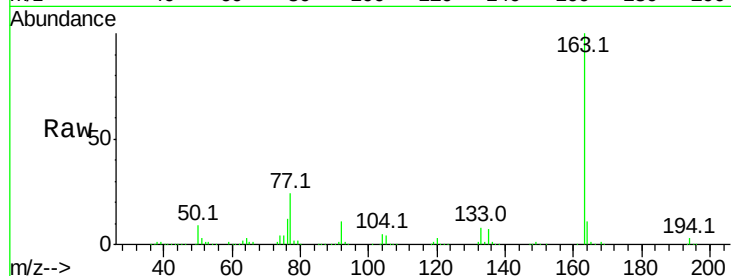
Tot Ion:163 Resp: 1238986

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

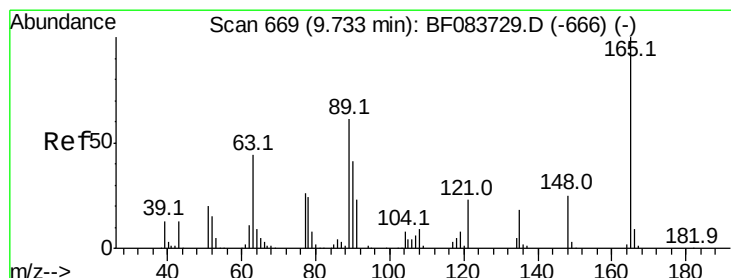
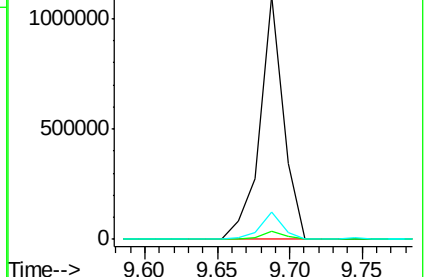
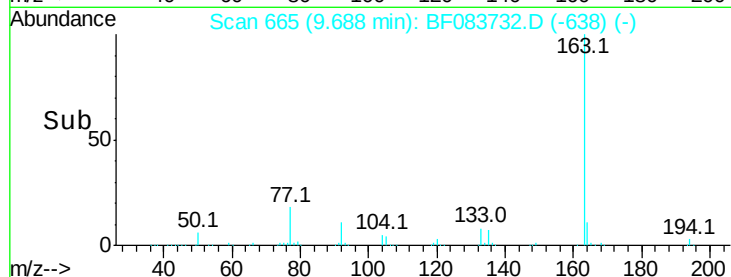
164 11.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 81.74 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

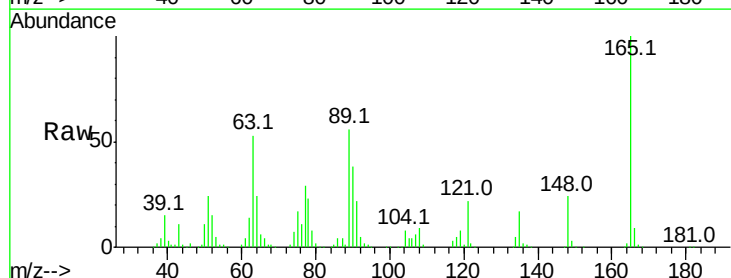
Tgt Ion:165 Resp: 311481

Ion Ratio Lower Upper

165 100

63 52.7 47.9 71.9

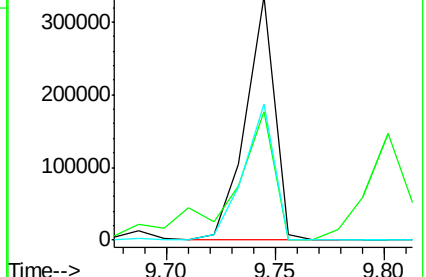
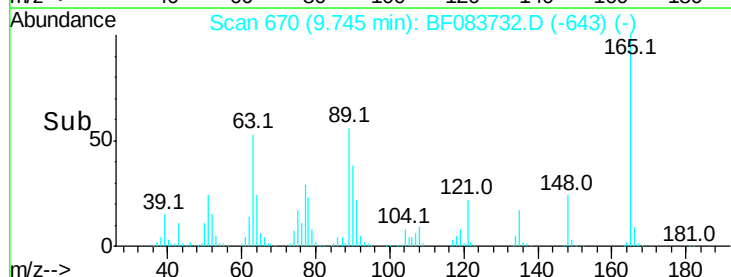
89 56.1 49.0 73.6

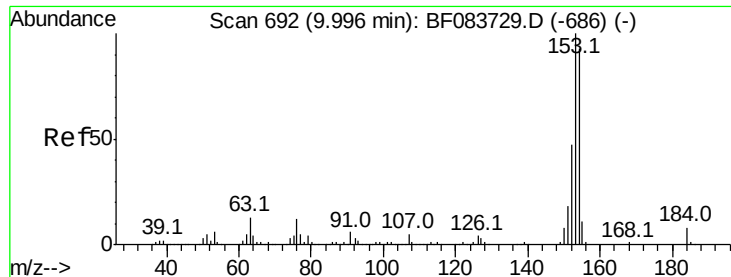


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 62.80 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampled :

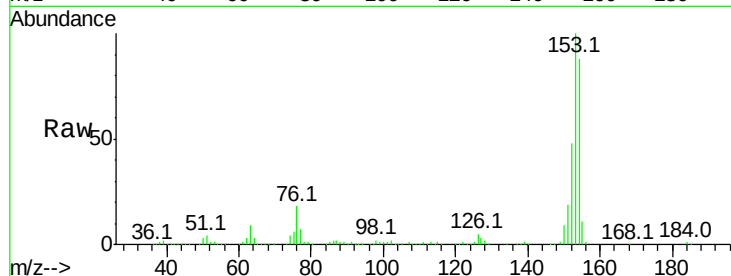
Tot Ion:154 Resp: 1037202

Ion Ratio Lower Upper

154 100

153 113.7 85.8 128.8

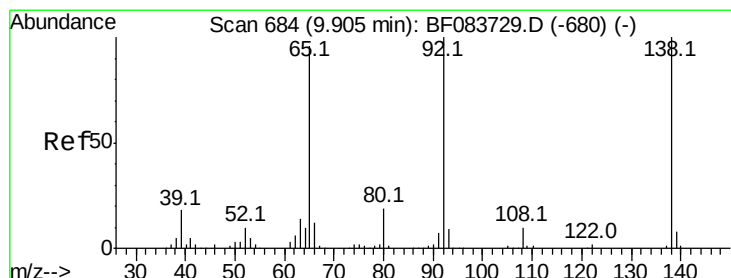
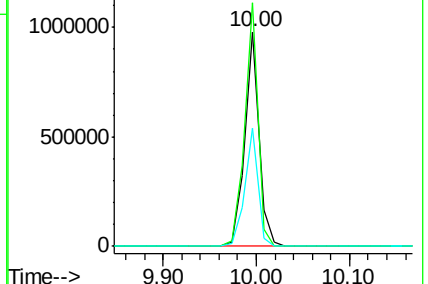
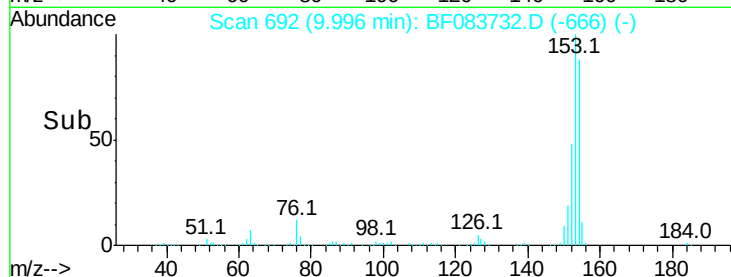
152 55.1 40.6 61.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 84.25 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

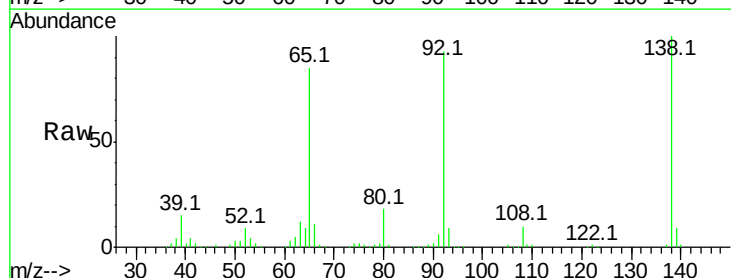
Tgt Ion:138 Resp: 378901

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

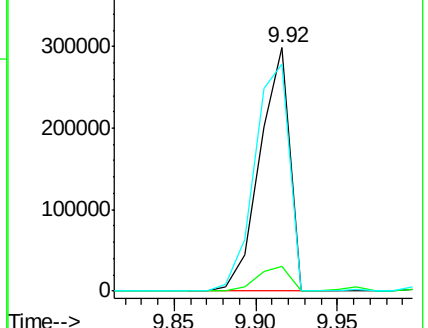
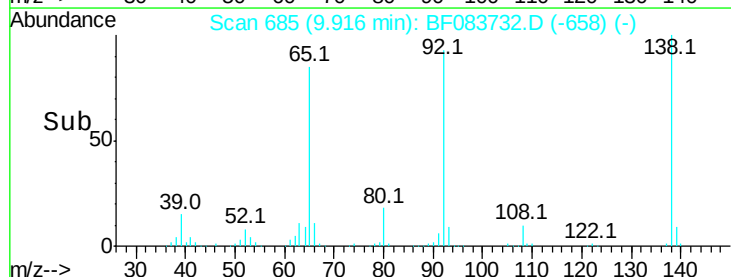
92 93.5 80.2 120.2

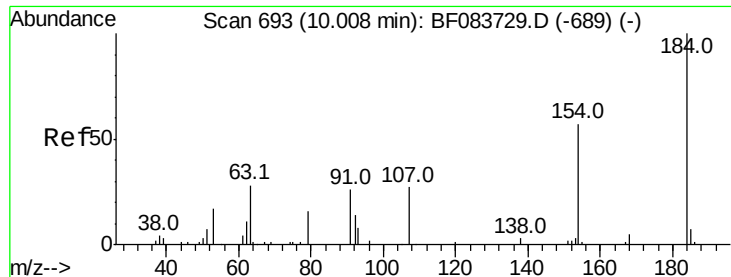


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

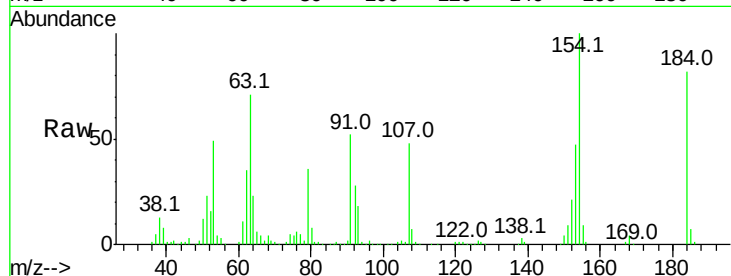




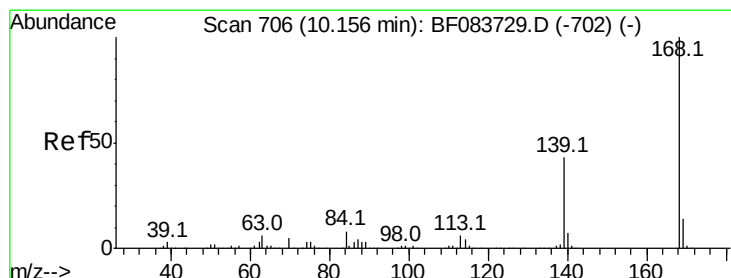
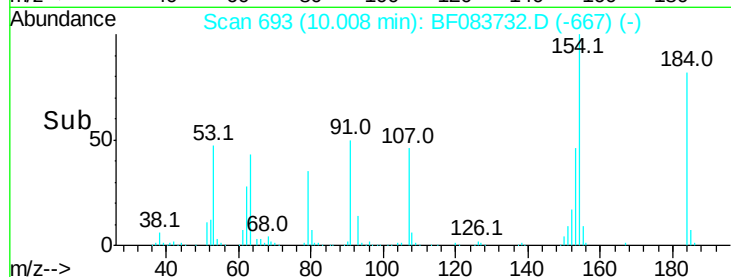
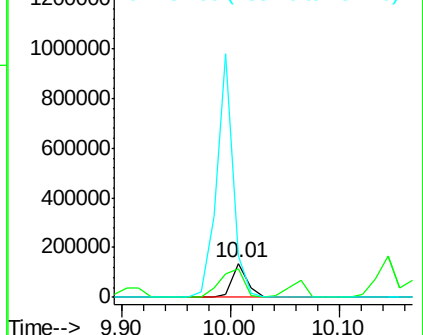
#53
 2,4-Dinitrophenol
 Concen: 123.06 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 127584
 Ion Ratio Lower Upper
 184 100
 63 86.2 23.4 35.0#
 154 121.6 46.7 70.1#

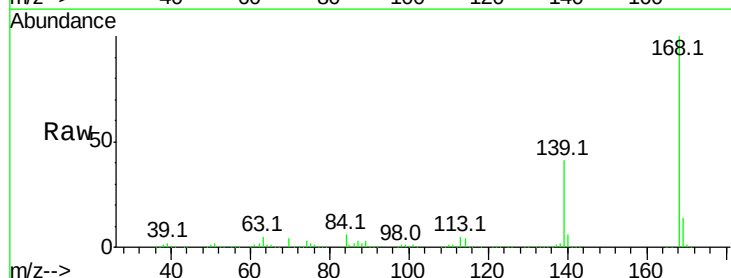


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

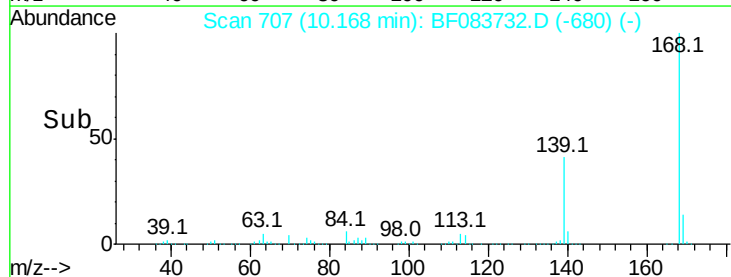
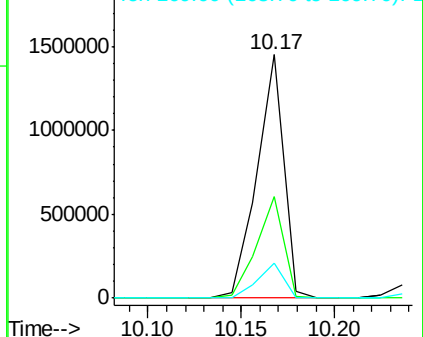


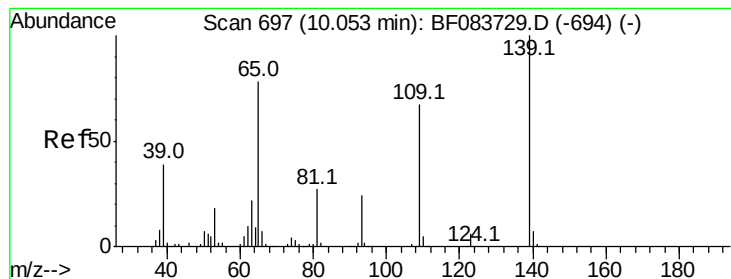
#54
 Dibenzofuran
 Concen: 65.85 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:168 Resp: 1433181
 Ion Ratio Lower Upper
 168 100
 139 41.5 34.4 51.6
 169 14.3 11.3 16.9



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





#55

4-Nitrophenol

Concen: 75.53 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampled :

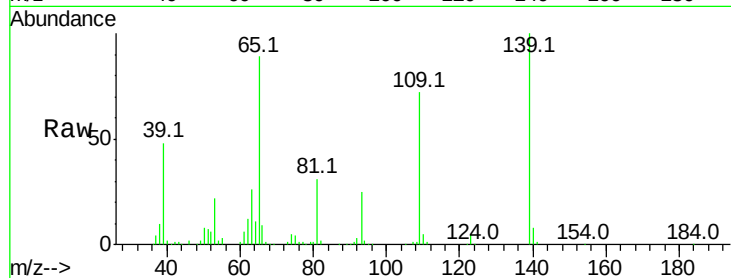
Tot Ion:139 Resp: 282567

Ion Ratio Lower Upper

139 100

109 72.2 47.4 87.4

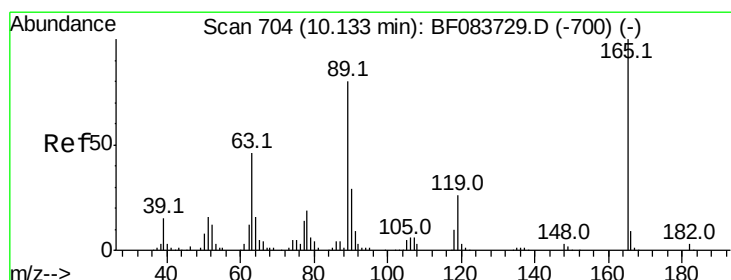
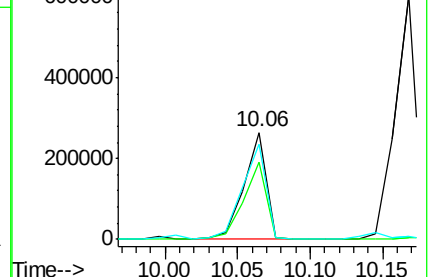
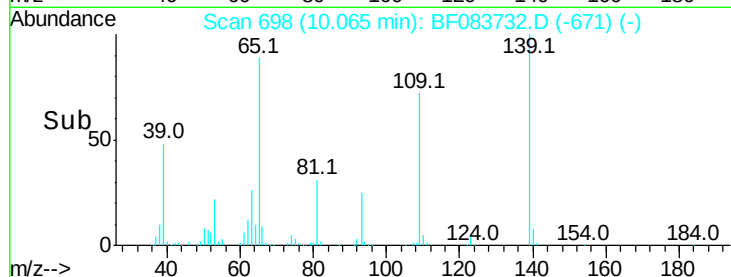
65 89.2 58.0 98.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 79.25 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:165 Resp: 386828

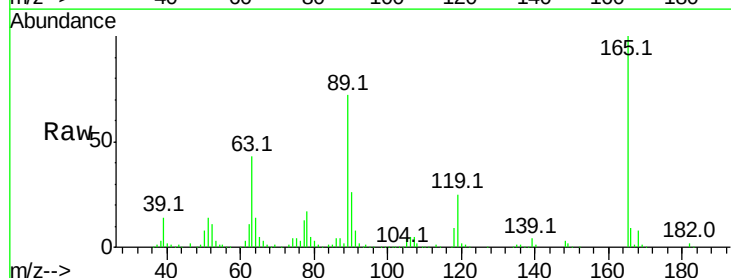
Ion Ratio Lower Upper

165 100

63 42.6 36.8 55.2

89 72.1 63.8 95.8

182 2.4 2.0 3.0

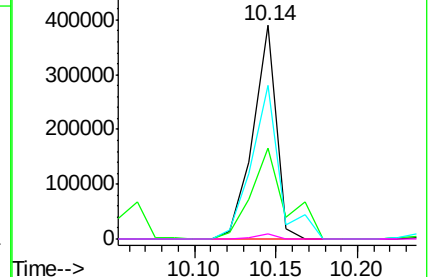
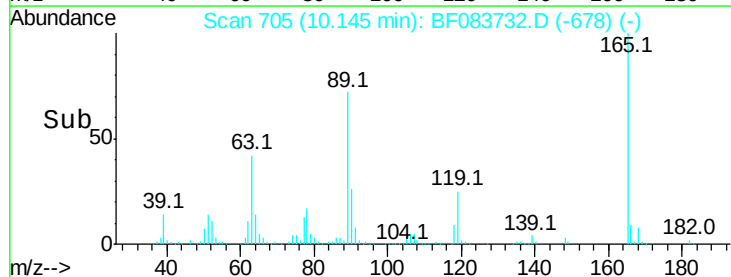


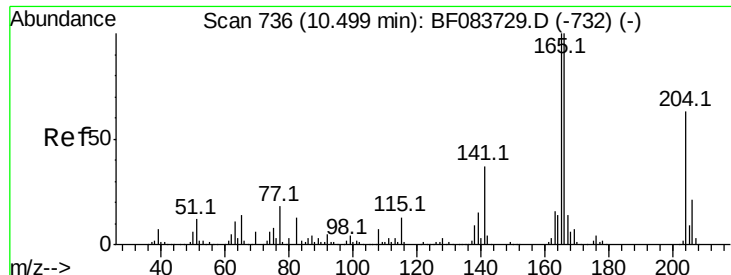
Abundance Ion 165.00 (164.70 to 165.70): E

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



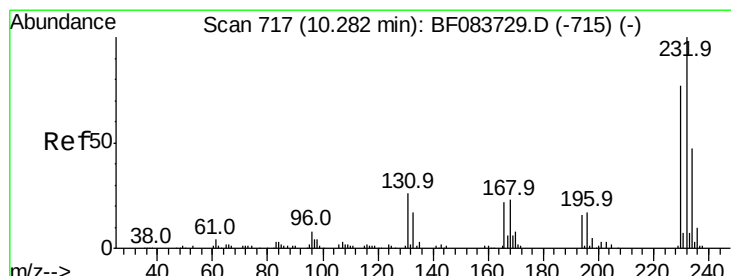
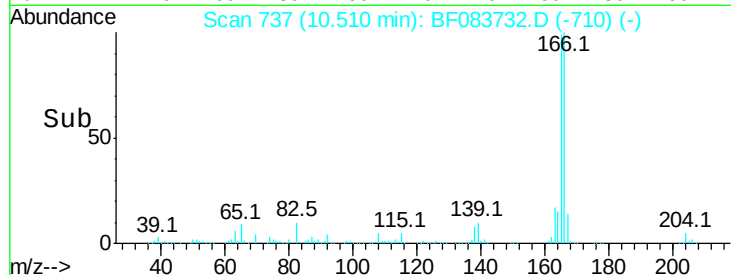
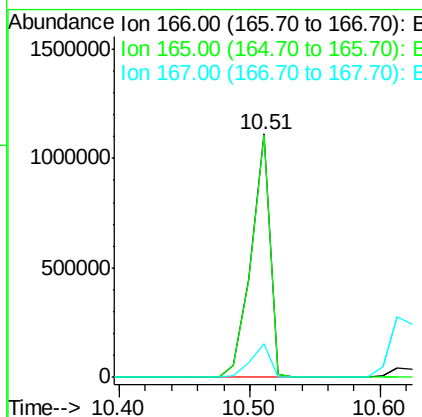
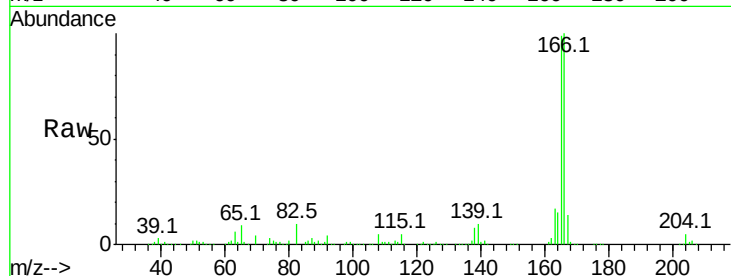


#57
Fluorene
 Concen: 65.52 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1118194

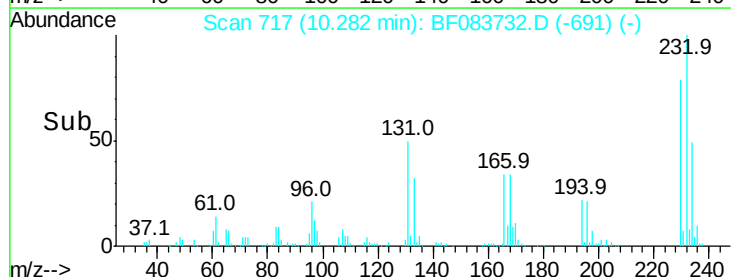
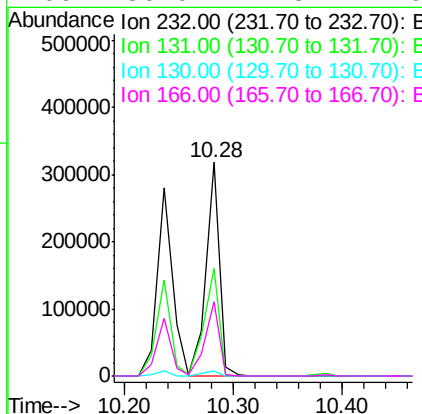
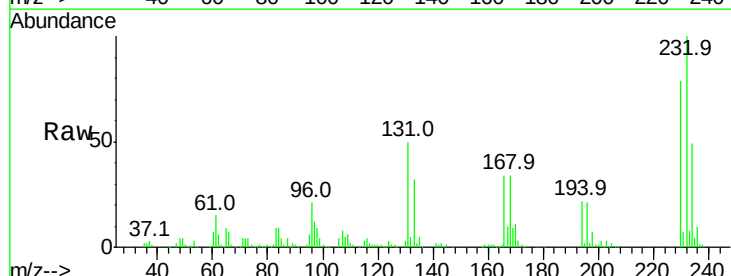
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.7	11.2	16.8

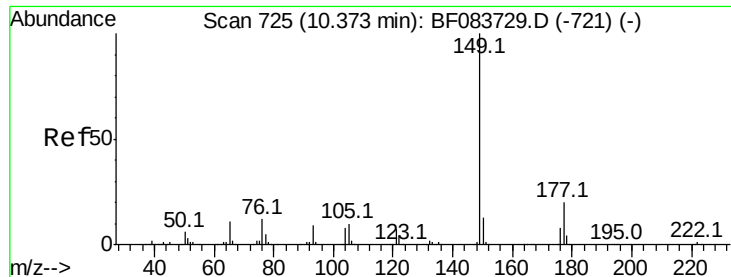


#58
2,3,4,6-Tetrachlorophenol
 Concen: 71.75 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:232 Resp: 276516

Ion	Ratio	Lower	Upper
232	100		
131	55.1	43.0	64.6
130	2.8	2.0	3.0
166	36.0	27.8	41.6

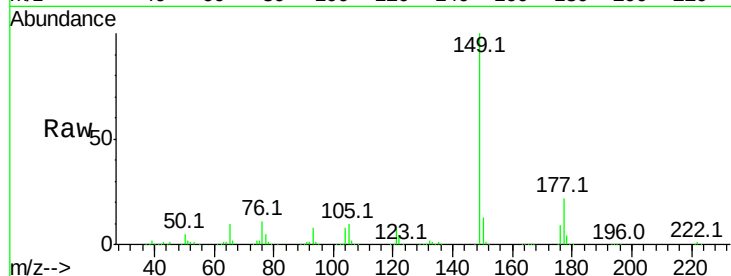




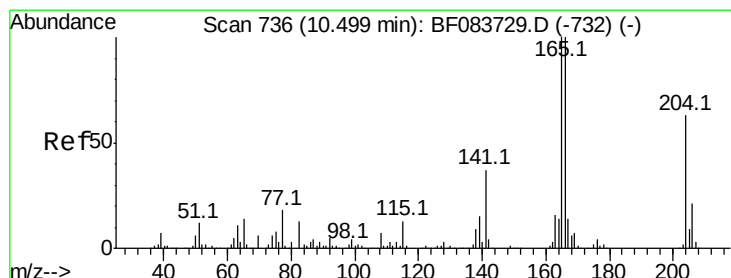
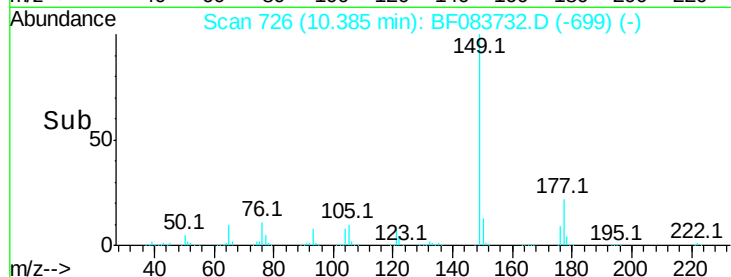
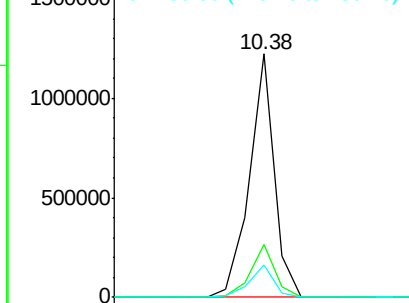
#59
Diethylphthalate
Concen: 69.30 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1287132
Ion Ratio Lower Upper
149 100
177 21.5 15.7 23.5
150 13.3 10.6 15.8

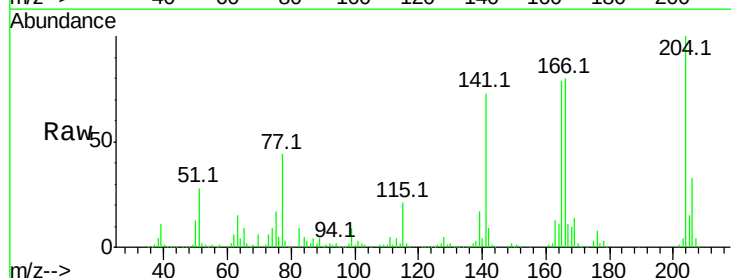


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

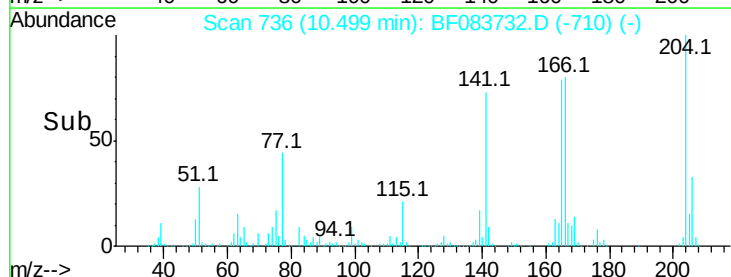
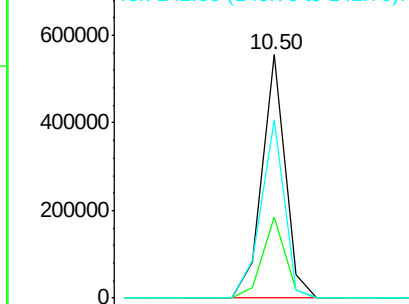


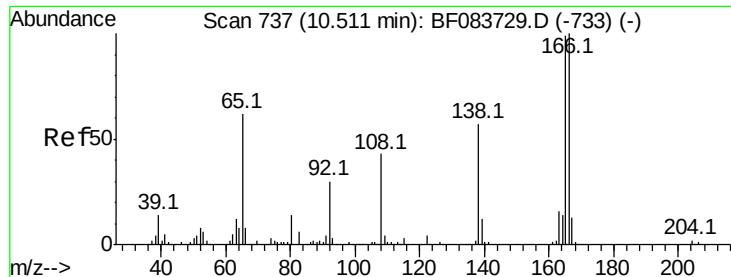
#60
4-Chlorophenyl-phenylether
Concen: 57.31 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:204 Resp: 475000
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 73.4 47.5 71.3#



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

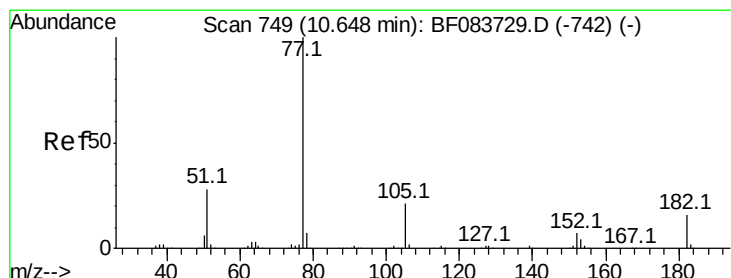
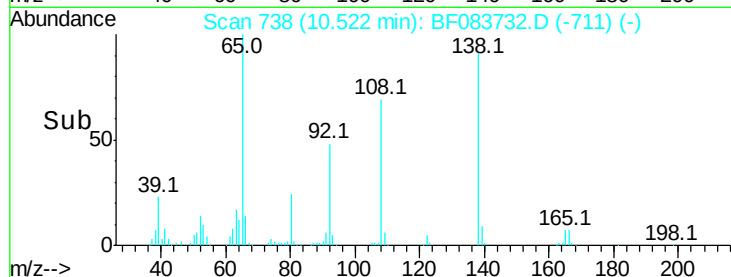
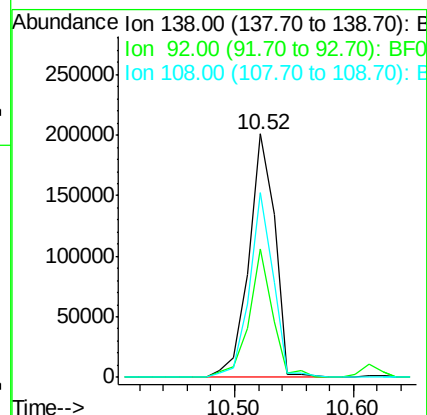
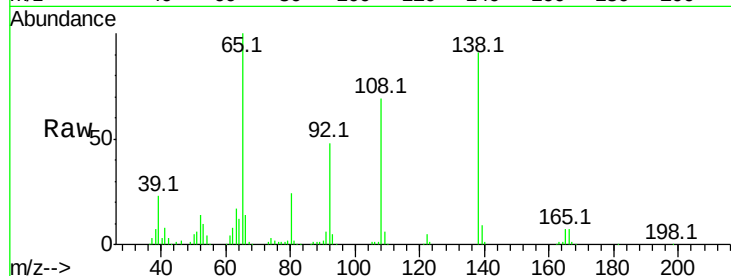




#61
4-Nitroaniline
Concen: 76.34 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

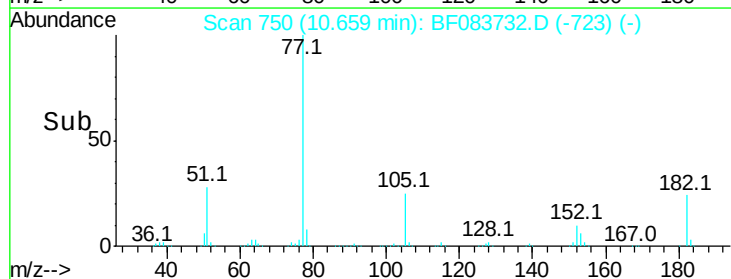
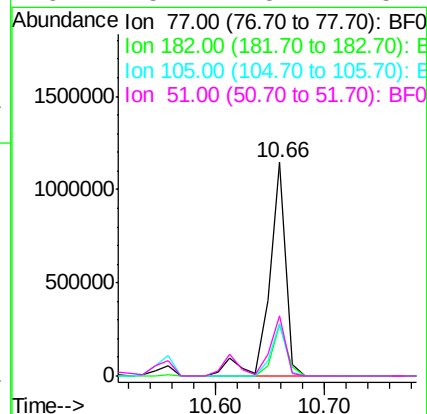
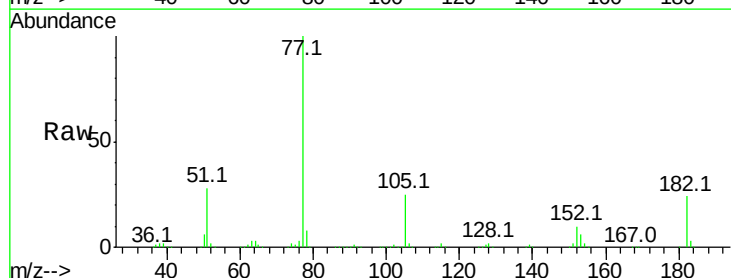
Instrument :
BNA_F
ClientSampleId :

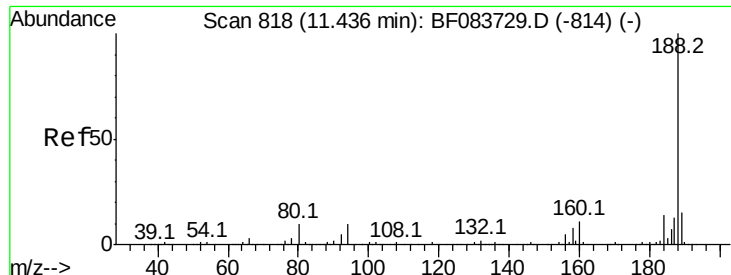
Tot Ion:138 Resp: 307958
Ion Ratio Lower Upper
138 100
92 52.6 32.0 72.0
108 75.7 54.3 94.3



#62
Azobenzene
Concen: 68.36 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion: 77 Resp: 1219574
Ion Ratio Lower Upper
77 100
182 23.9 0.0 35.6
105 24.8 1.4 41.4
51 28.2 8.2 48.2

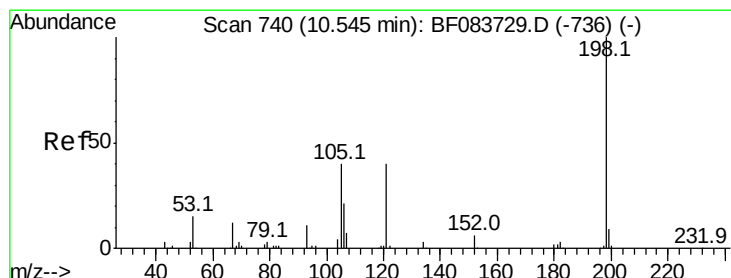
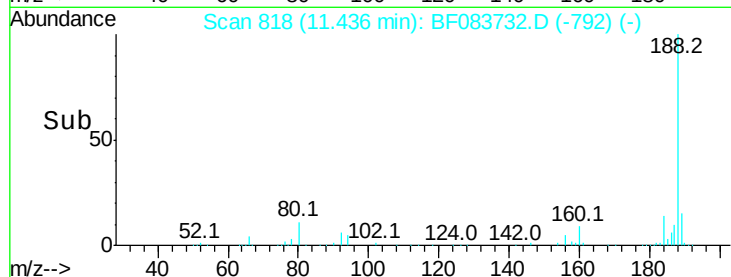
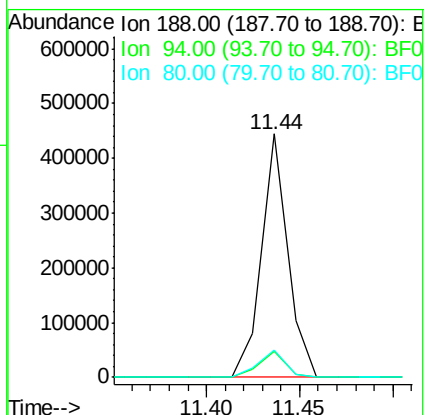
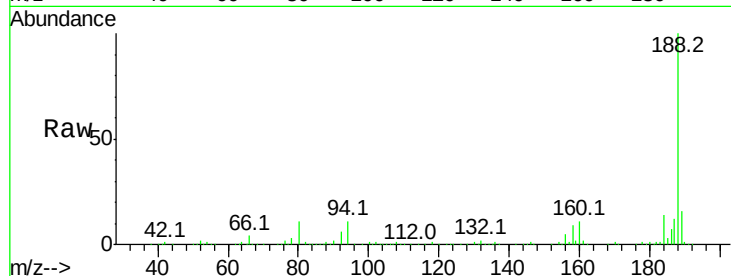




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

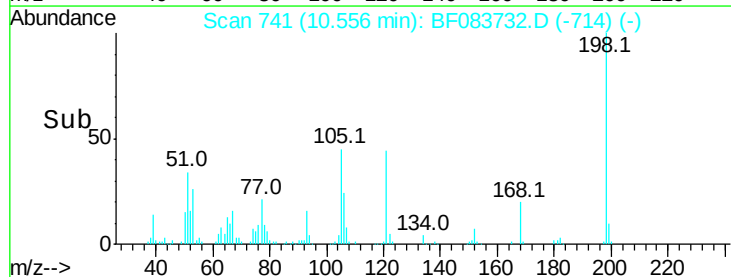
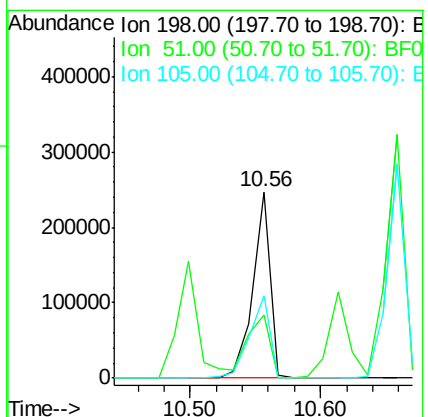
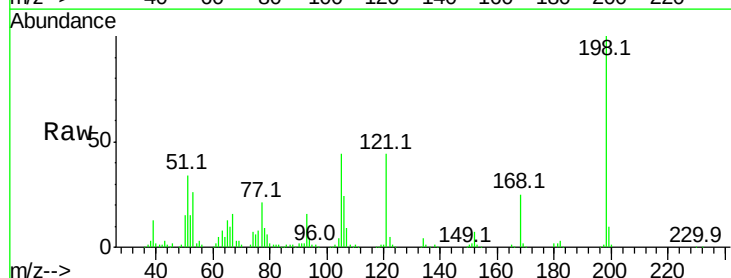
Instrument :
BNA_F
ClientSampleId :

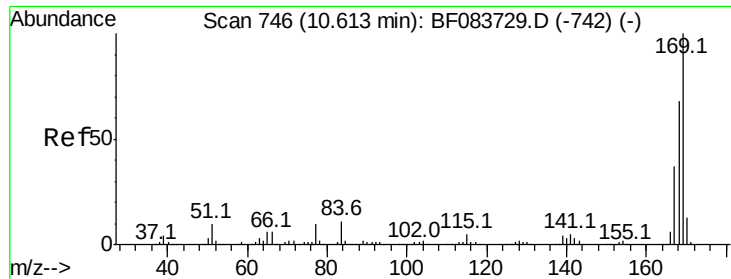
Tot Ion:188 Resp: 431794
Ion Ratio Lower Upper
188 100
94 10.8 7.6 11.4
80 11.5 8.3 12.5



#64
4,6-Dinitro-2-methylphenol
Concen: 143.46 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:198 Resp: 229256
Ion Ratio Lower Upper
198 100
51 33.9 9.0 49.0
105 44.1 20.7 60.7

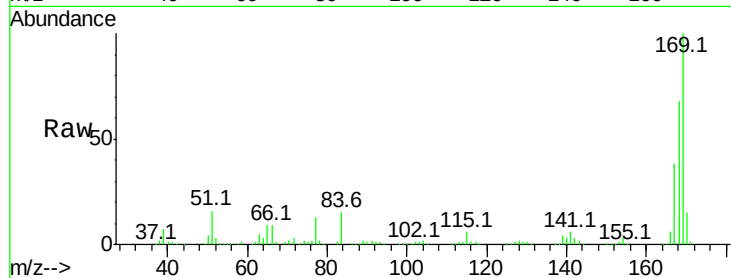




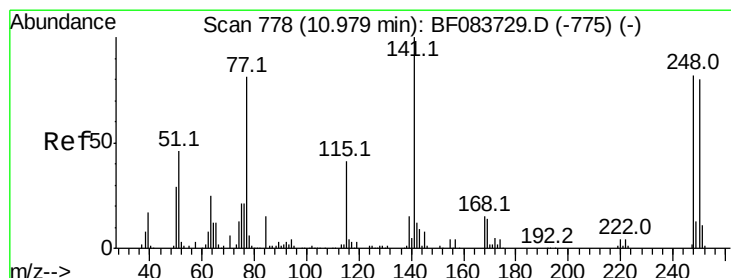
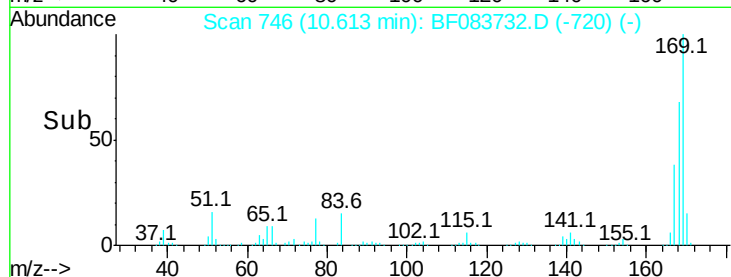
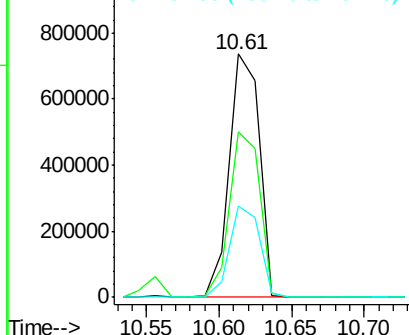
#65
 n-Nitrosodiphenylamine
 Concen: 72.05 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1055263
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.6 82.0
 167 37.6 30.0 45.0

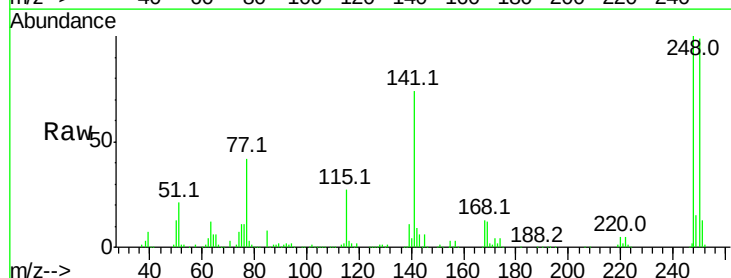


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

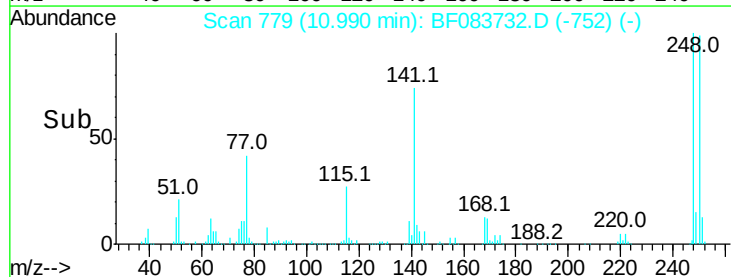
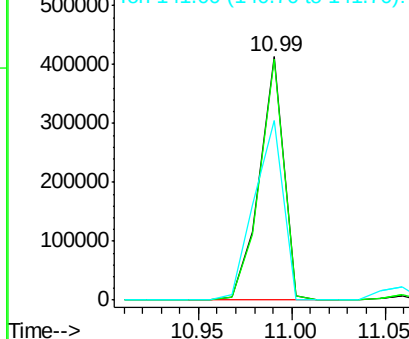


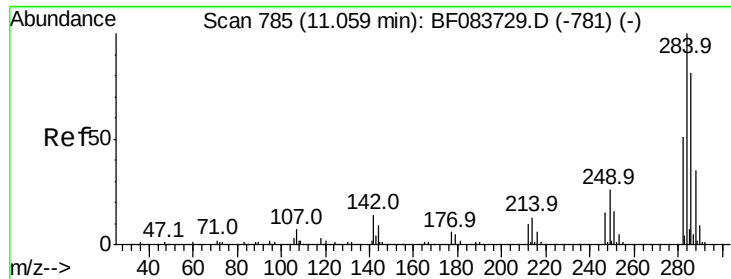
#66
 4-Bromophenyl-phenylether
 Concen: 79.47 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:248 Resp: 370564
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.4 116.2
 141 74.0 97.1 145.7#



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





#67

Hexachlorobenzene

Concen: 77.08 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

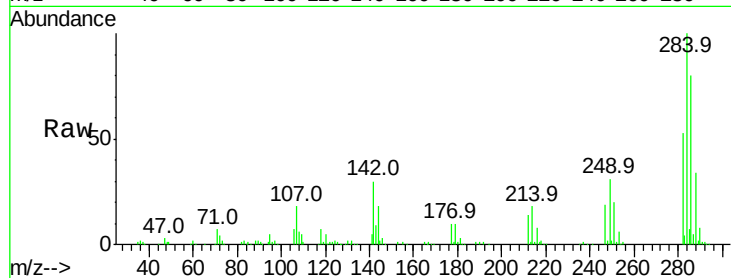
Tot Ion:284 Resp: 390586

Ion Ratio Lower Upper

284 100

142 30.4 11.1 16.7#

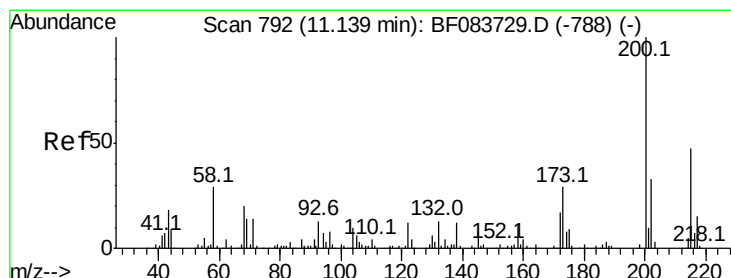
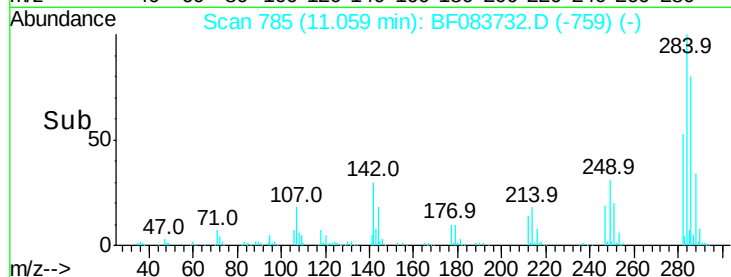
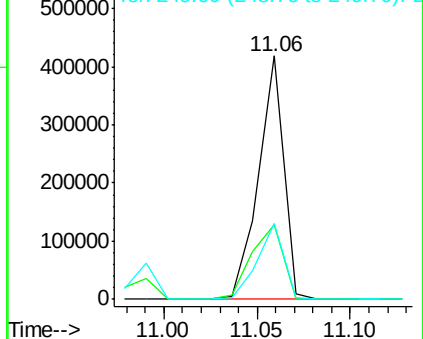
249 31.2 20.6 30.8#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.47 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

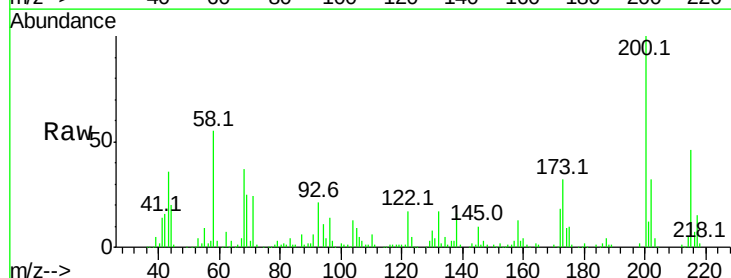
Tgt Ion:200 Resp: 226607

Ion Ratio Lower Upper

200 100

173 32.1 8.5 48.5

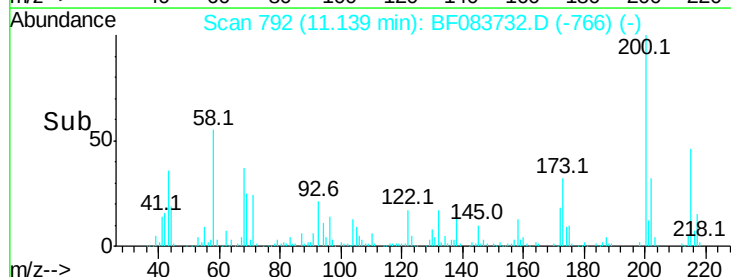
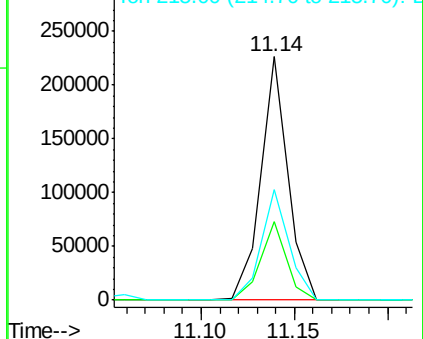
215 45.6 26.9 66.9

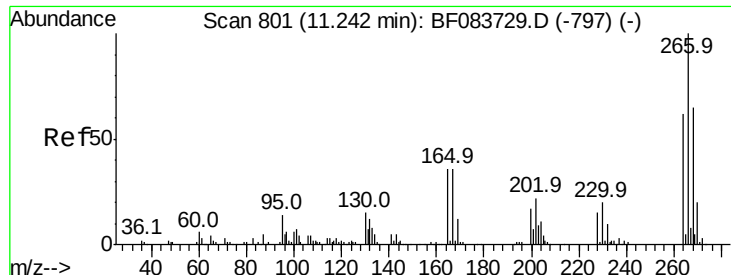


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

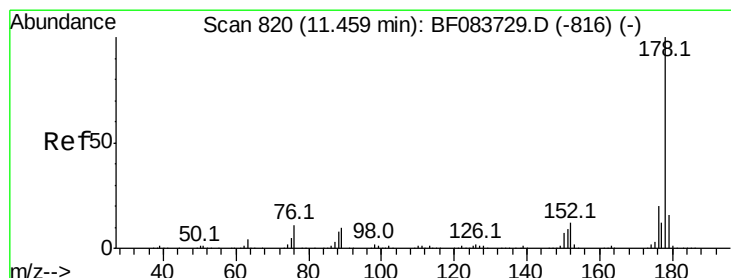
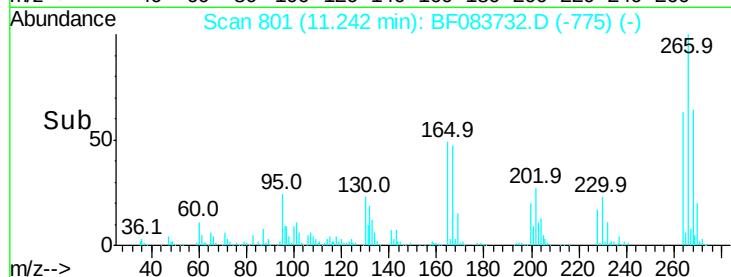
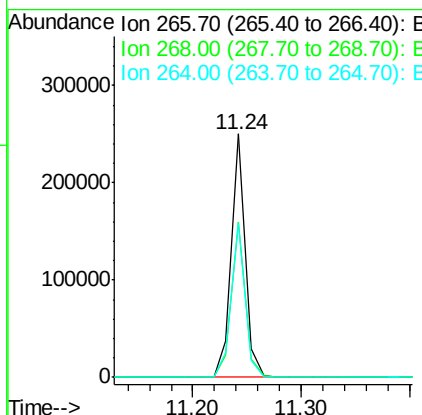
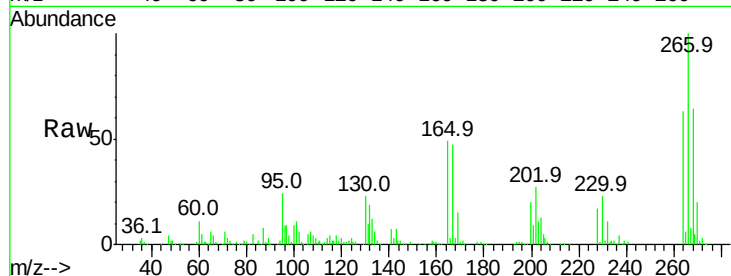




#69
 Pentachlorophenol
 Concen: 77.22 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

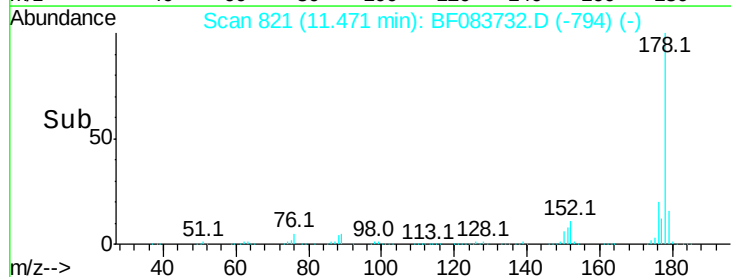
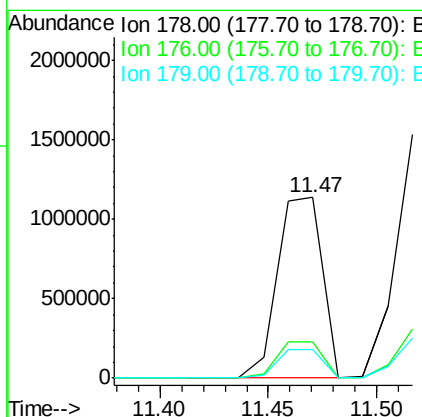
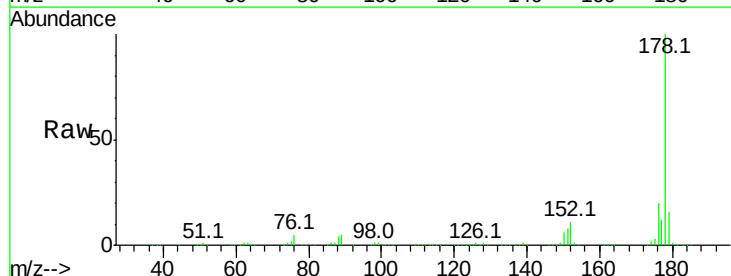
Instrument :
 BNA_F
 ClientSampleId :

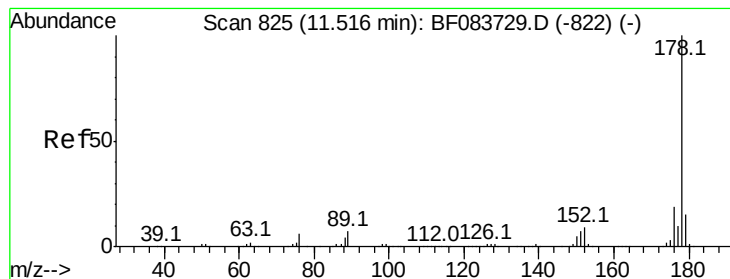
Tot Ion:266 Resp: 220764
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.8 77.8
 264 63.2 49.4 74.2



#70
 Phenanthrene
 Concen: 70.53 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:178 Resp: 1642583
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.1 24.1
 179 15.9 12.9 19.3





#71

Anthracene

Concen: 60.05 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

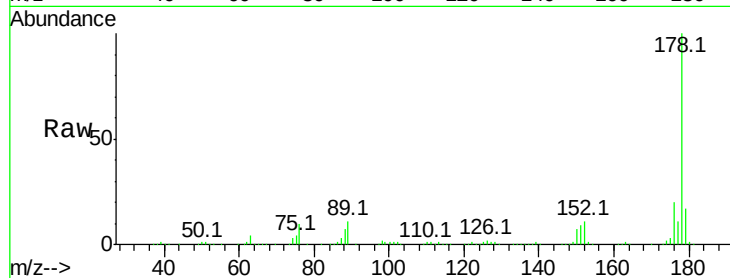
Tot Ion:178 Resp: 1480903

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

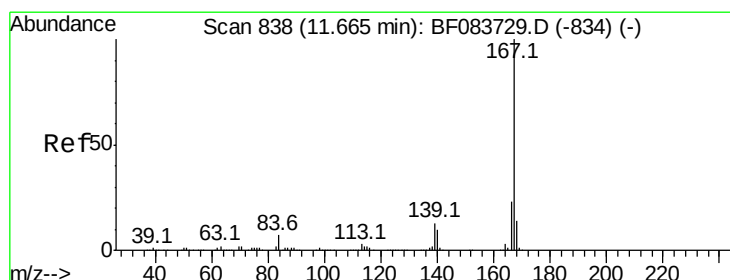
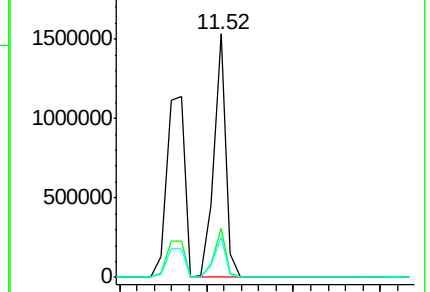
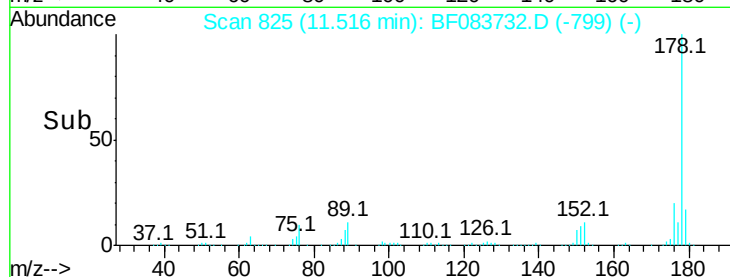
179 16.6 12.3 18.5



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: 60.06 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

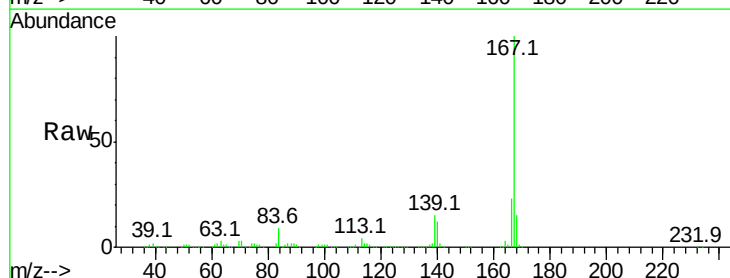
Tgt Ion:167 Resp: 1374585

Ion Ratio Lower Upper

167 100

166 23.4 18.0 27.0

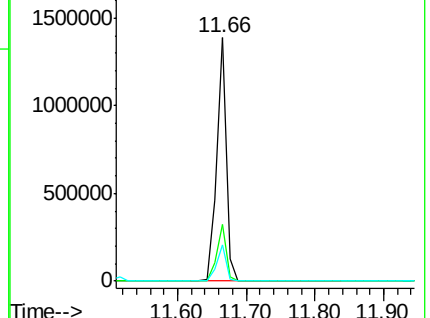
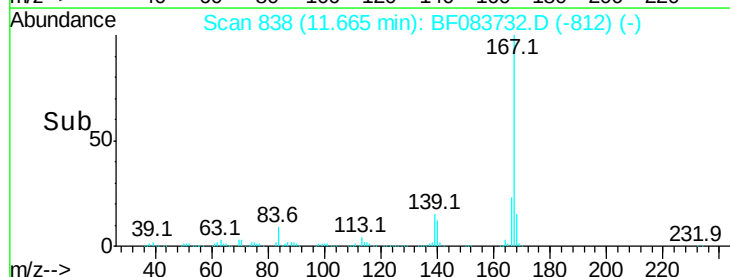
139 15.1 10.2 15.4

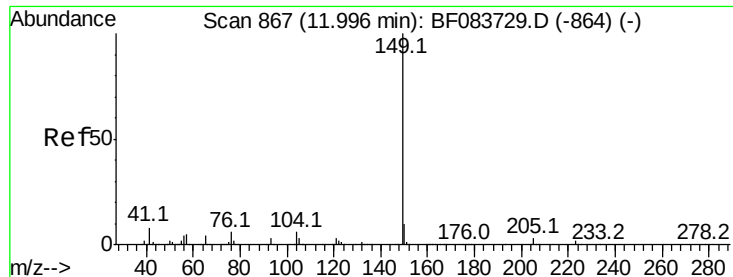


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 80.53 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

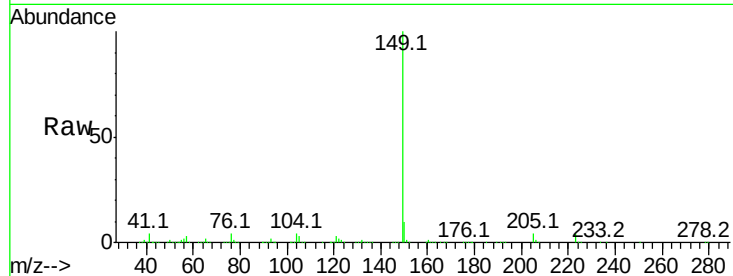
Tot Ion:149 Resp: 1983599

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

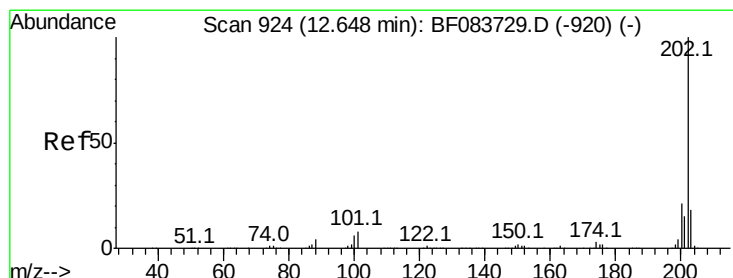
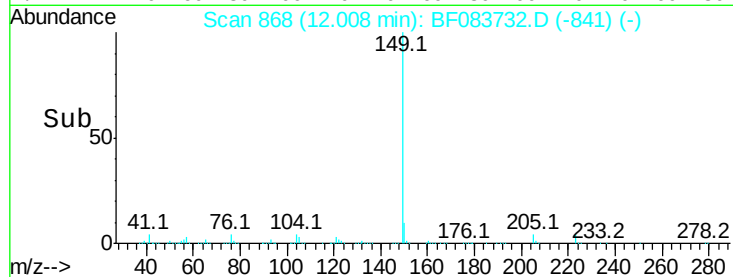
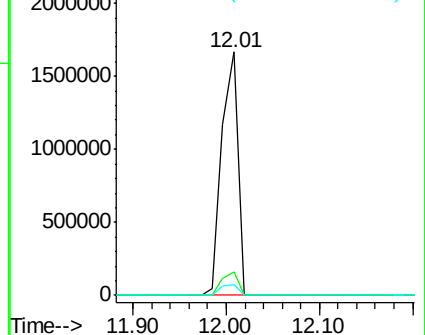
104 4.4 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 60.65 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

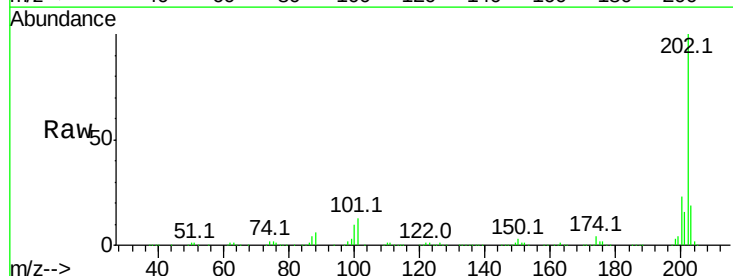
Tgt Ion:202 Resp: 1521626

Ion Ratio Lower Upper

202 100

101 12.7 0.0 28.2

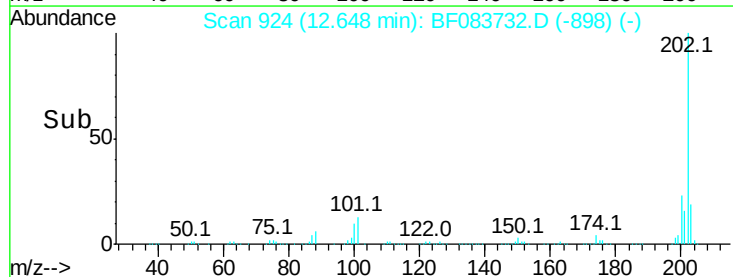
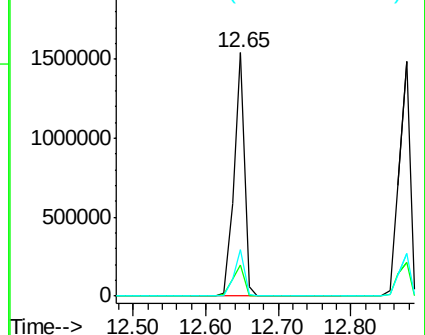
203 18.9 0.0 37.6

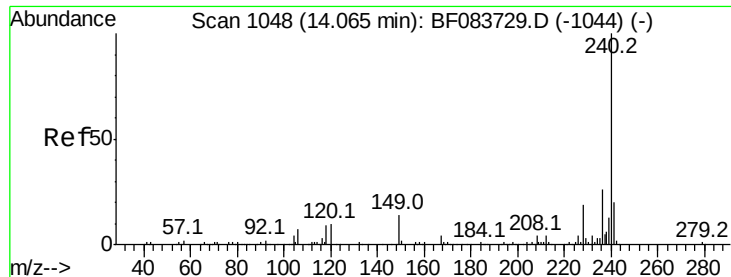


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

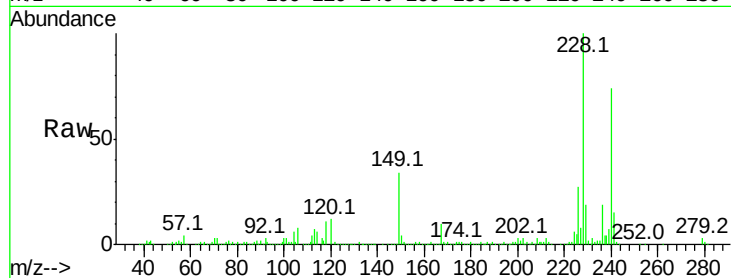
Tot Ion:240 Resp: 259385

Ion Ratio Lower Upper

240 100

120 15.8 8.4 12.6#

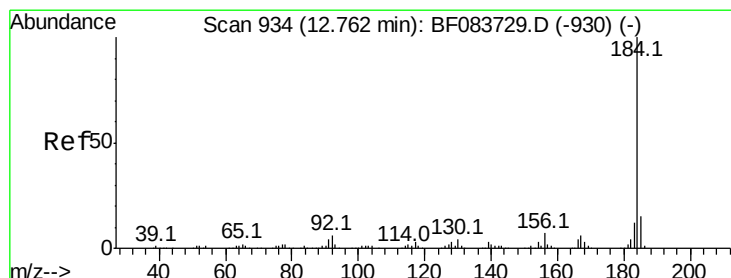
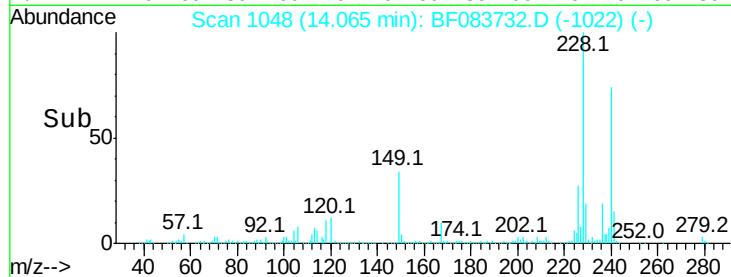
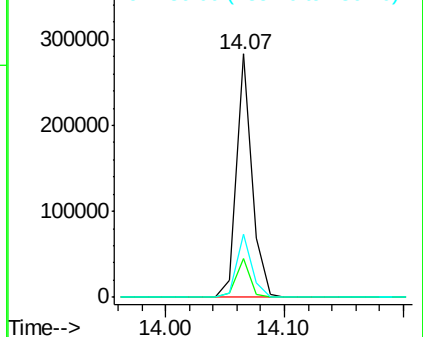
236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.62 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

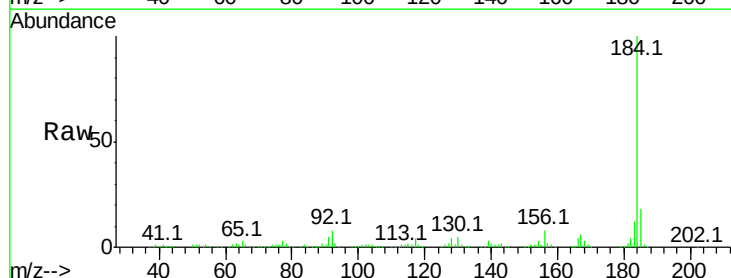
Tgt Ion:184 Resp: 595455

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.4

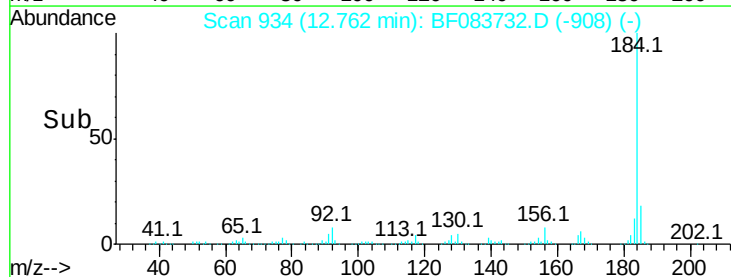
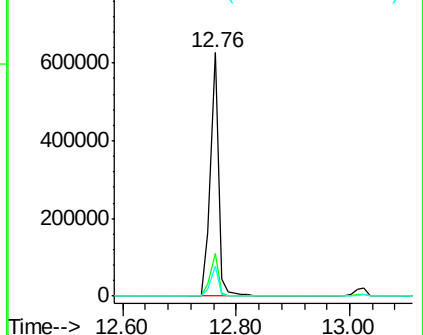
183 12.4 9.5 14.3

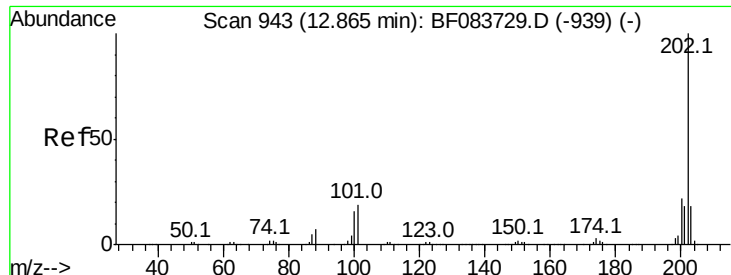


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

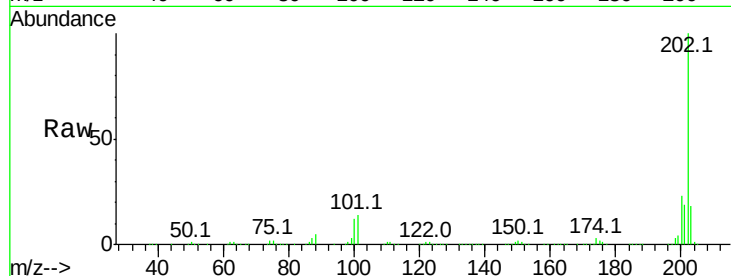




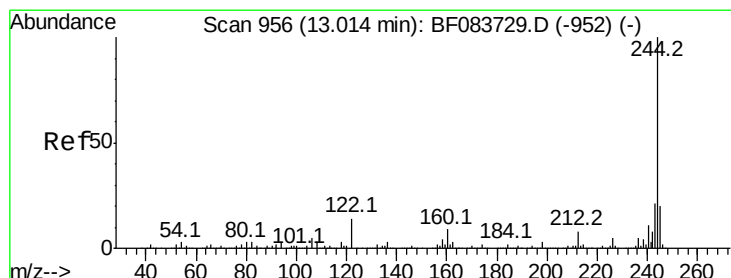
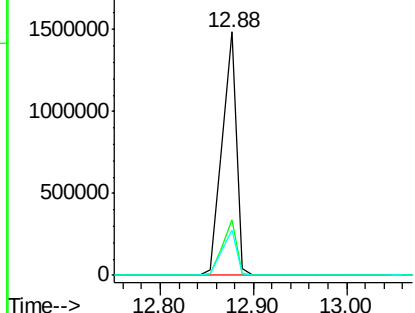
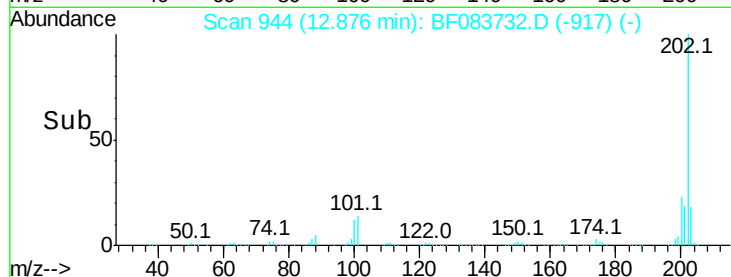
#77
Pvrene
Concen: 75.66 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1562645
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 18.5 14.7 22.1

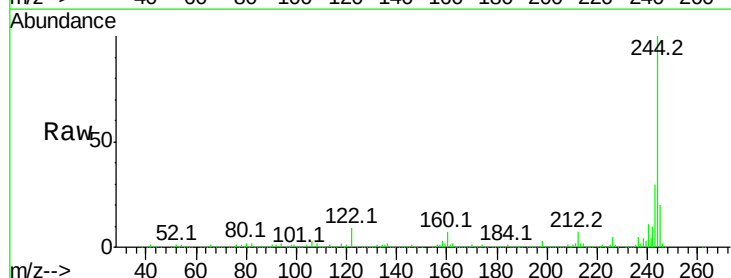


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

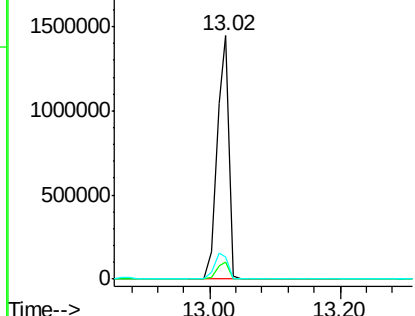
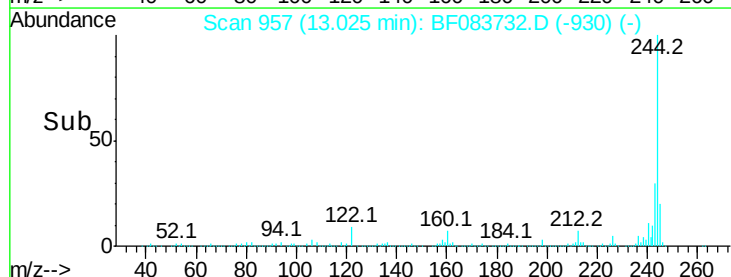


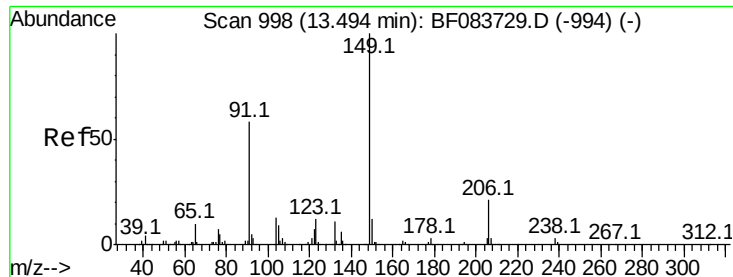
#78
Terphenyl-d14
Concen: 158.91 ng
RT: 13.02 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:244 Resp: 1838400
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.4 11.6 17.4#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 102.82 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampled :

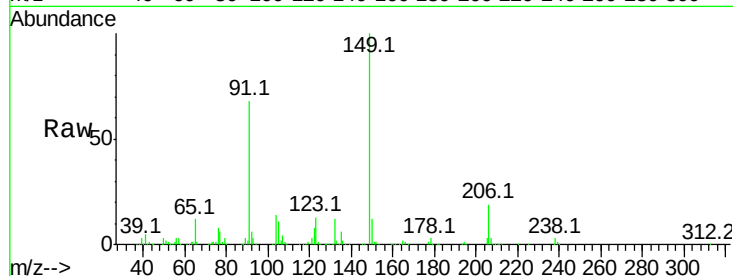
Tot Ion:149 Resp: 716720

Ion Ratio Lower Upper

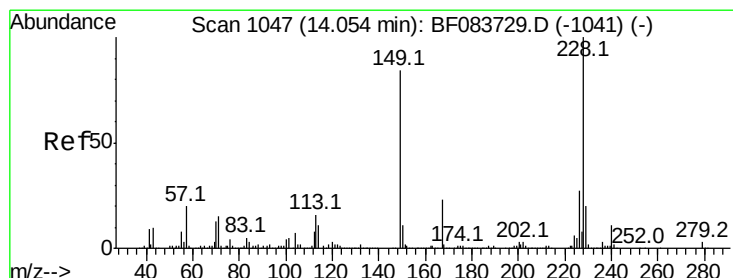
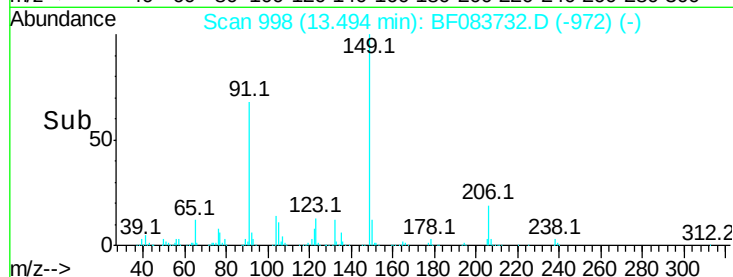
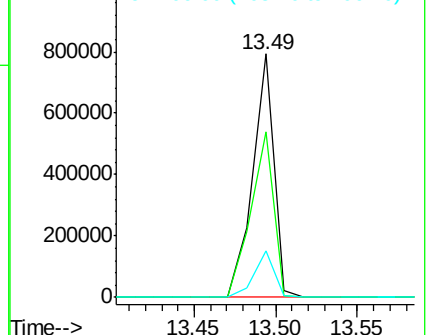
149 100

91 67.7 46.6 70.0

206 19.2 16.5 24.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 70.91 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

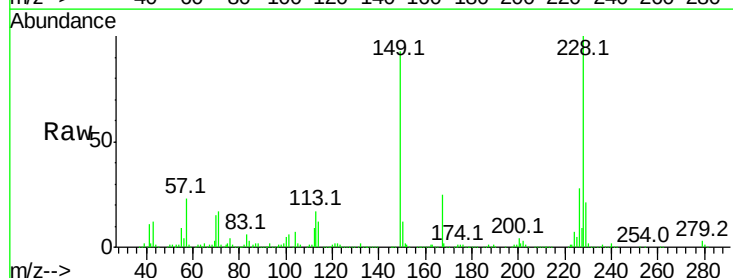
Tgt Ion:228 Resp: 1077196

Ion Ratio Lower Upper

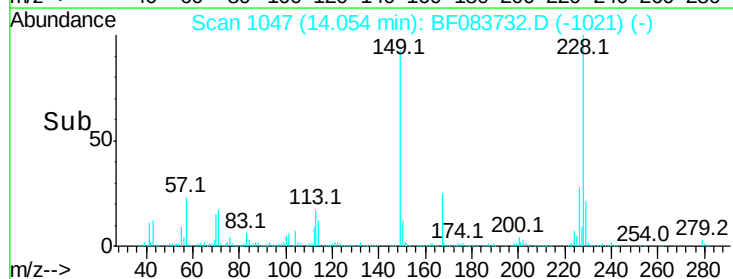
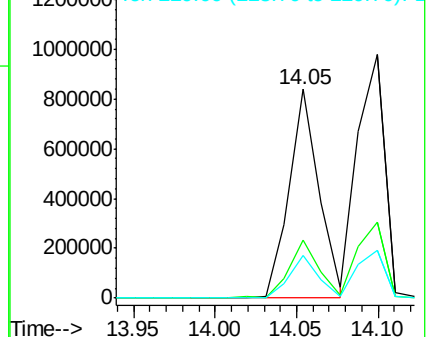
228 100

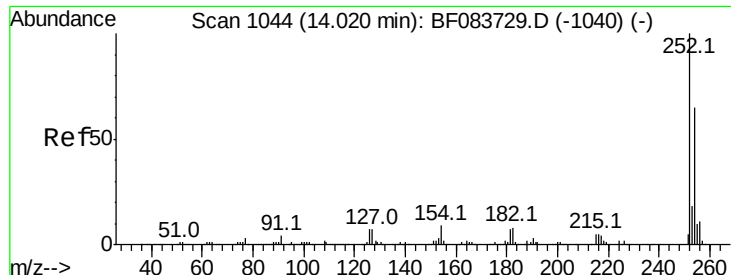
226 27.9 21.9 32.9

229 20.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

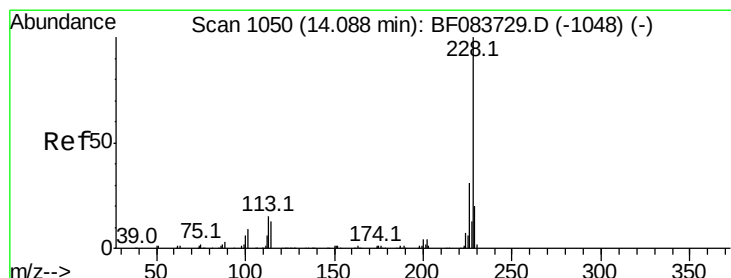
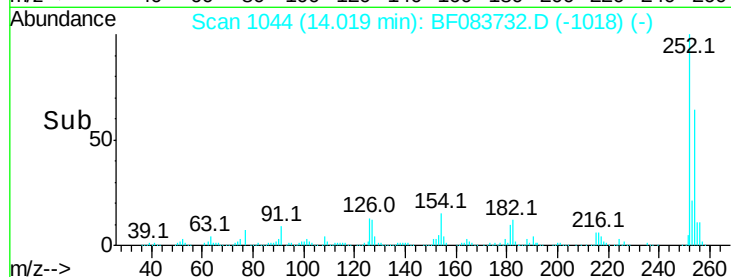
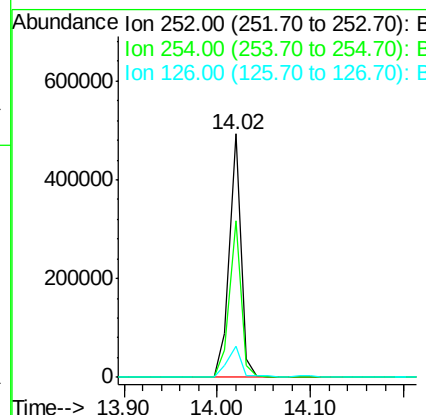
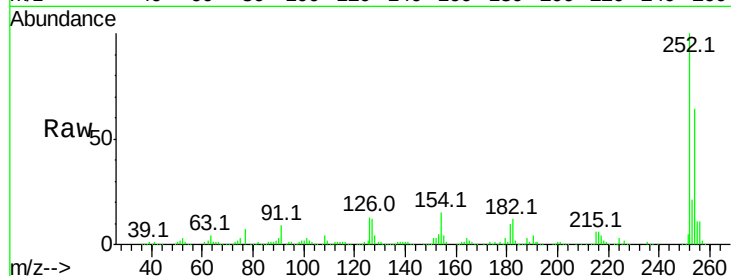




#81
 3,3'-Dichlorobenzidine
 Concen: 86.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

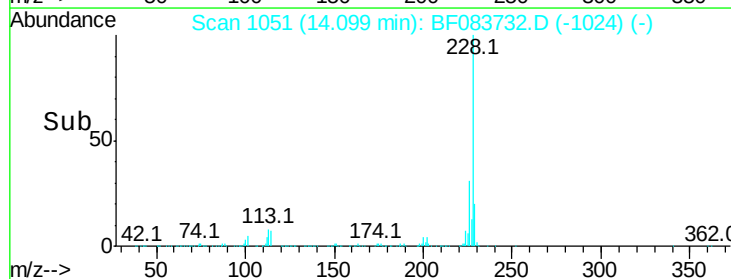
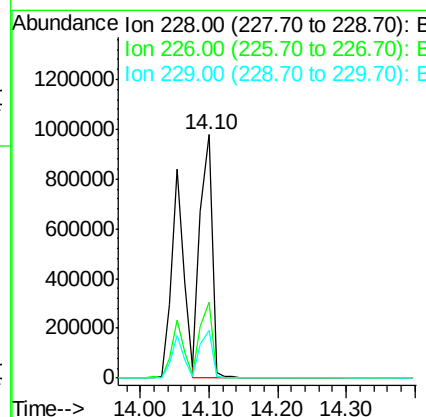
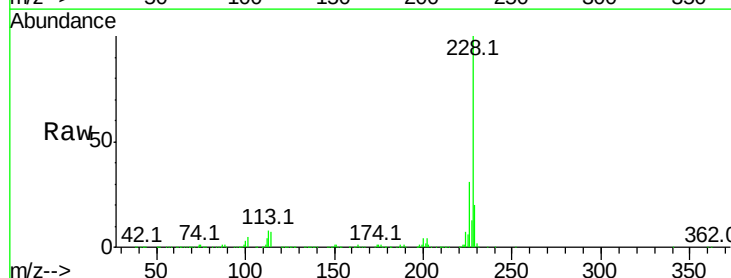
Instrument :
 BNA_F
 ClientSampleId :

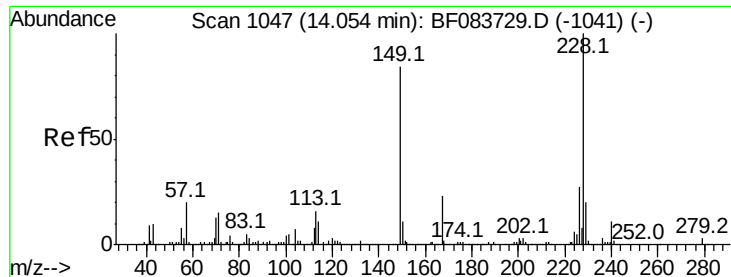
Tot Ion:252 Resp: 430886
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.2 78.2
 126 12.6 5.5 8.3#



#82
 Chrysene
 Concen: 80.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:228 Resp: 1164311
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 19.9 16.2 24.2

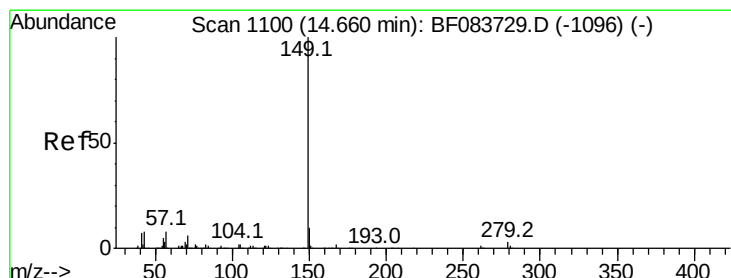
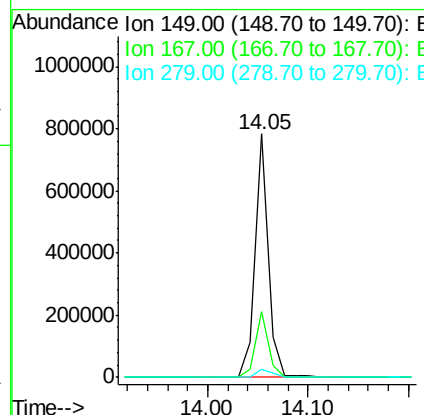
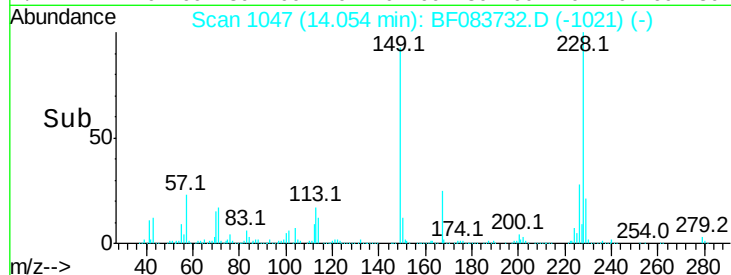
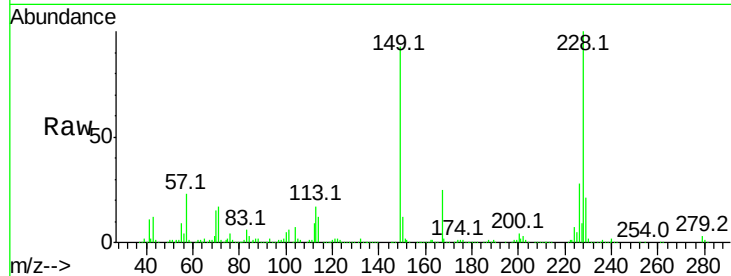




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 94.62 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

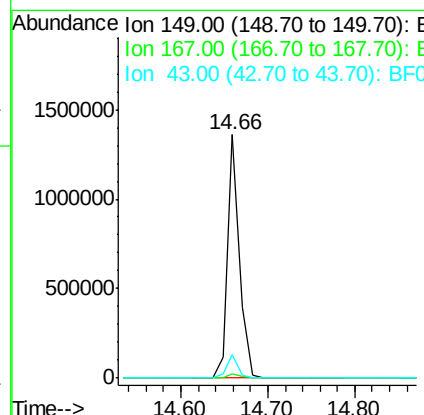
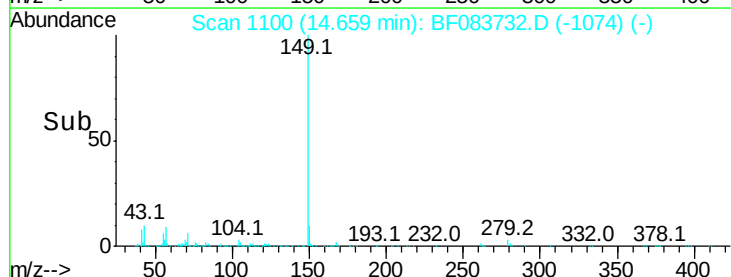
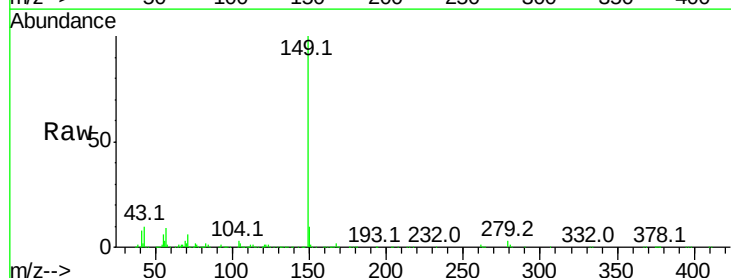
Instrument :
 BNA_F
 ClientSampleId :

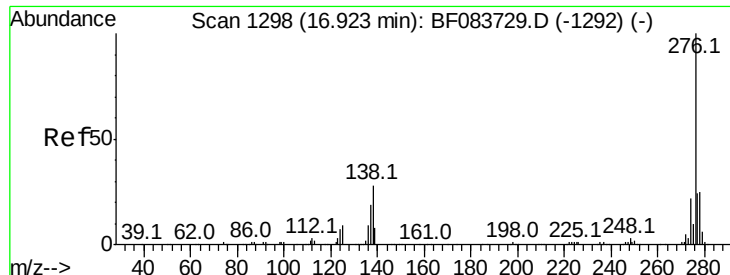
Tot Ion:149 Resp: 713612
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 3.2 2.5 3.7



#84
 Di-n-octyl phthalate
 Concen: 112.22 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:149 Resp: 1305138
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.2 7.4 11.0

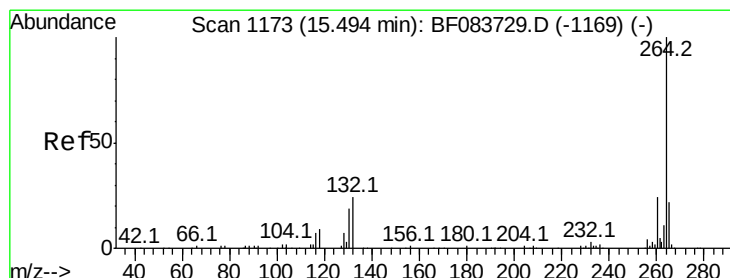
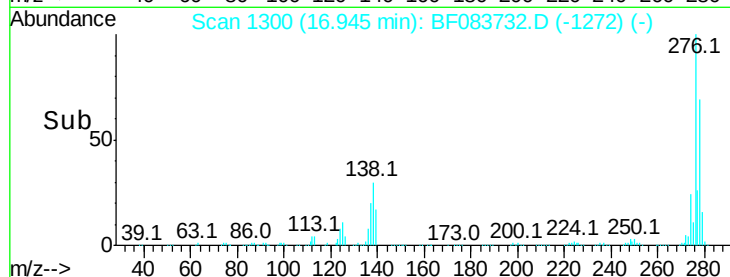
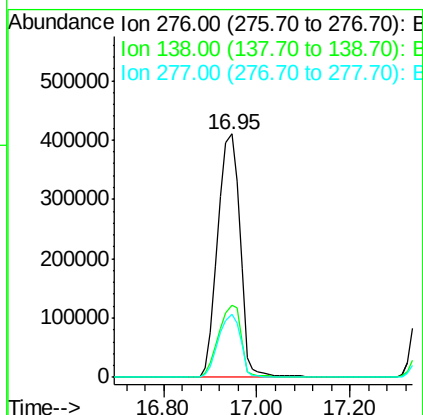
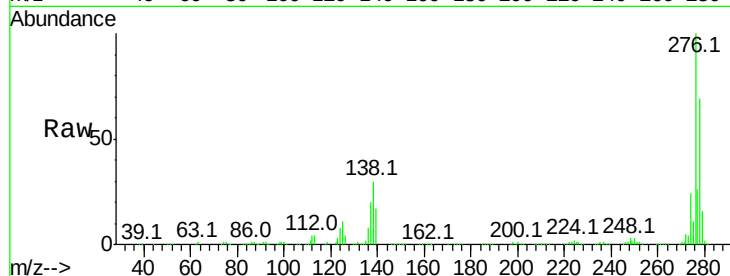




#85
Indeno(1,2,3-cd)pyrene
Concen: 99.70 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

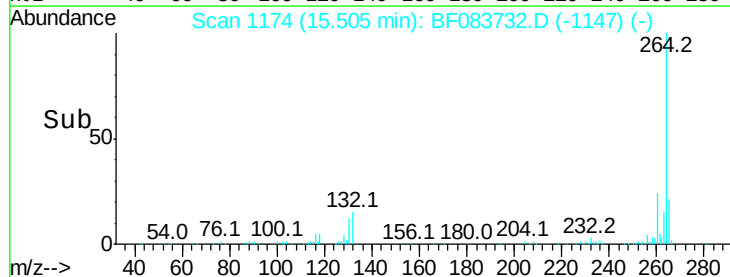
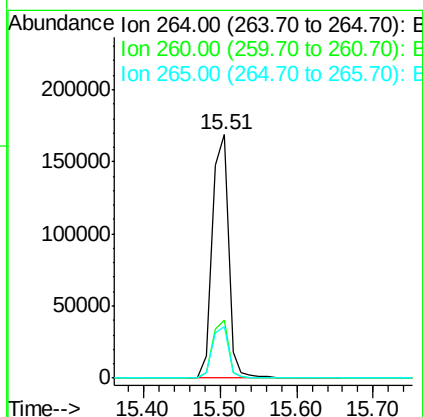
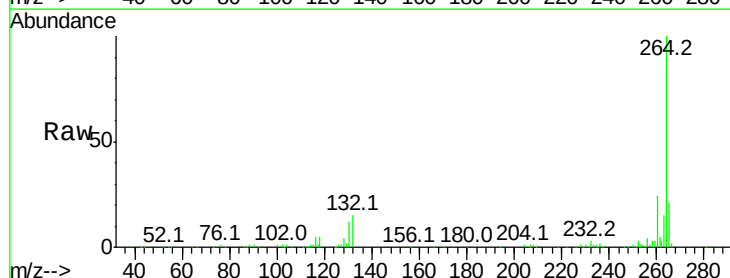
Instrument :
BNA_F
ClientSampleId :

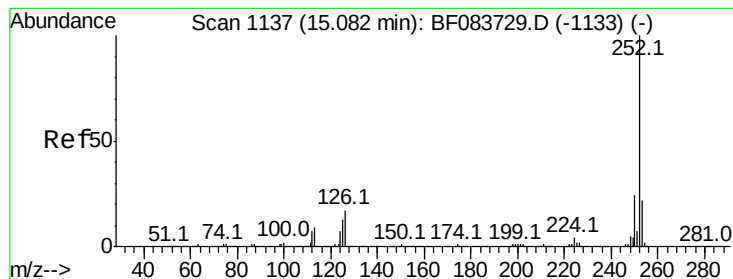
Tot Ion:276 Resp: 1372863
Ion Ratio Lower Upper
276 100
138 30.1 25.1 37.7
277 25.7 20.3 30.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:264 Resp: 247523
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 137.54 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.03 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

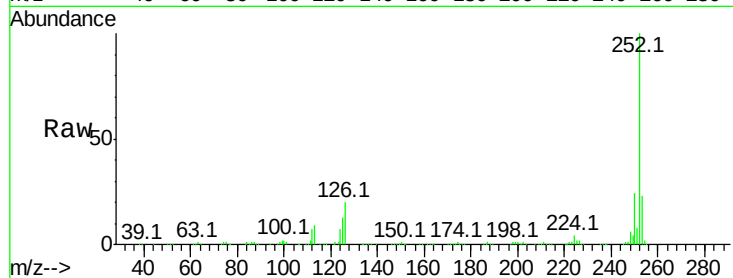
Tot Ion:252 Resp: 2147725

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

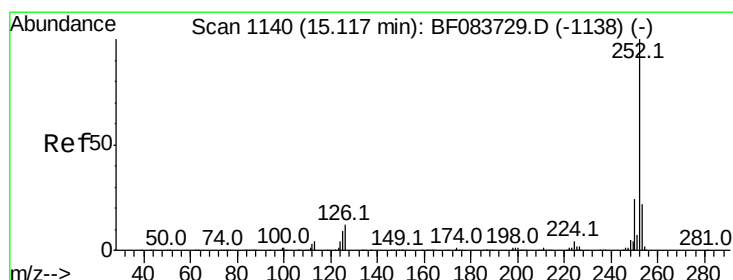
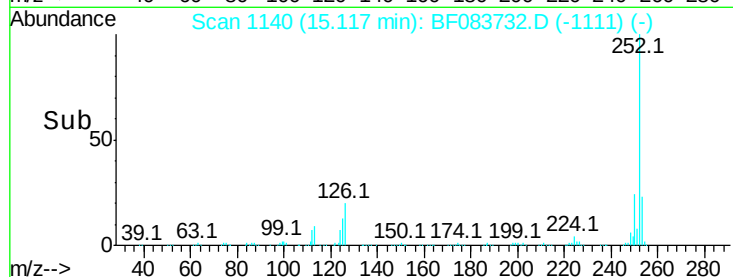
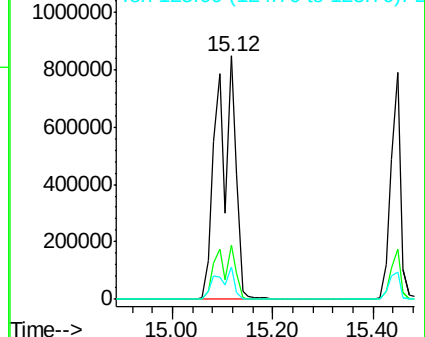
125 13.5 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 143.84 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

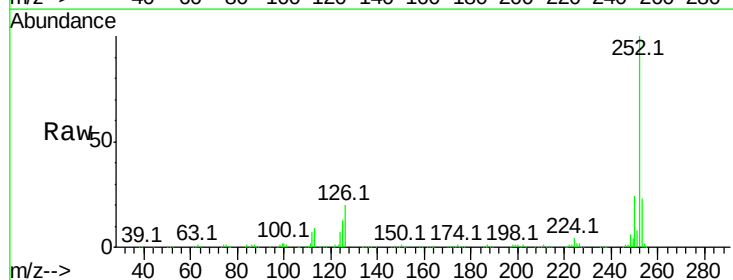
Tgt Ion:252 Resp: 2149609

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

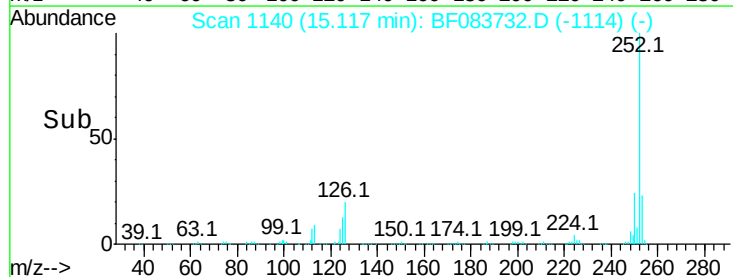
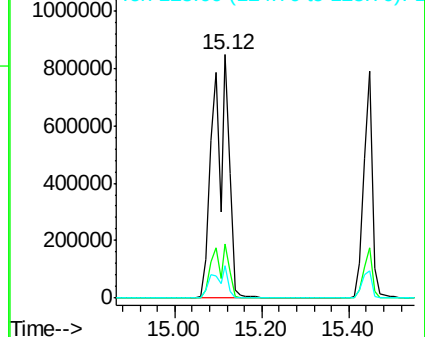
125 13.5 7.0 10.4#

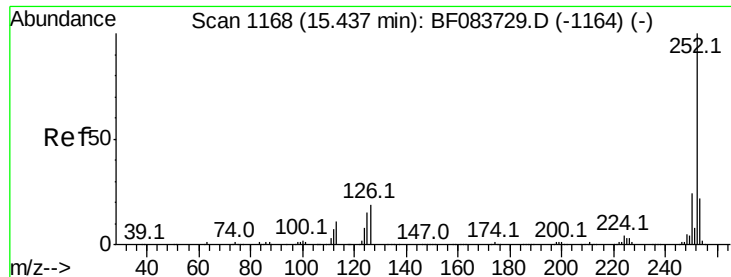


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 75.71 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

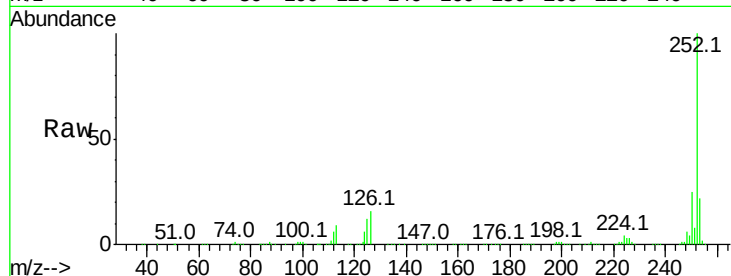
Tot Ion:252 Resp: 1065539

Ion Ratio Lower Upper

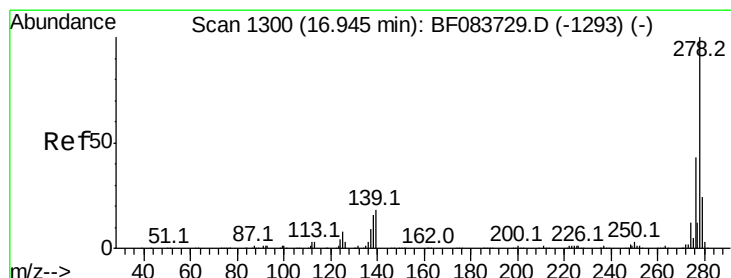
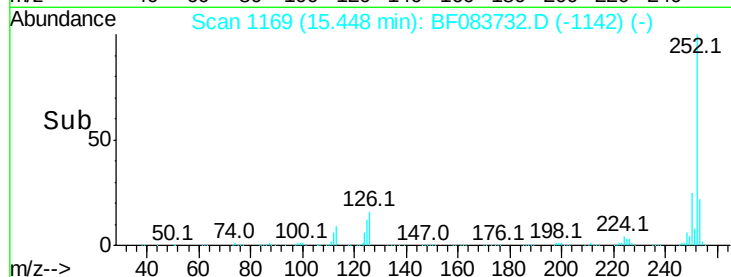
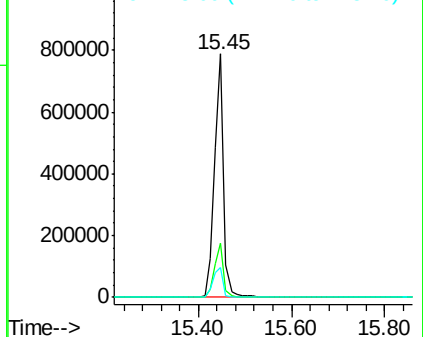
252 100

253 22.4 17.8 26.6

125 12.0 12.1 18.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 81.14 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

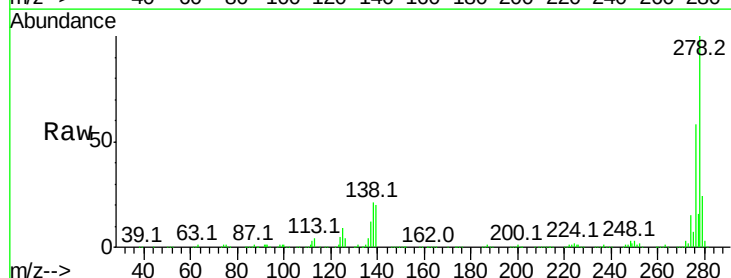
Tgt Ion:278 Resp: 1122224

Ion Ratio Lower Upper

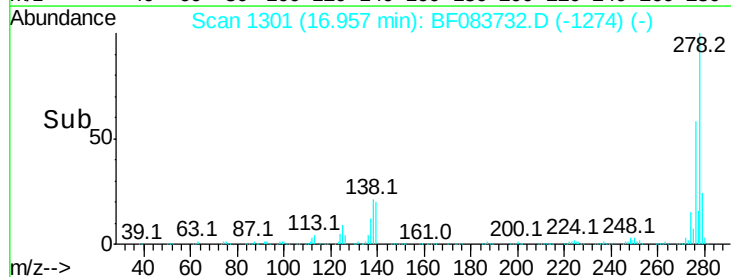
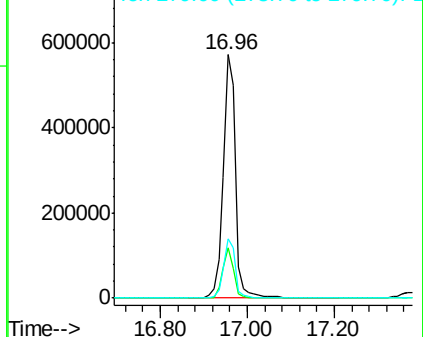
278 100

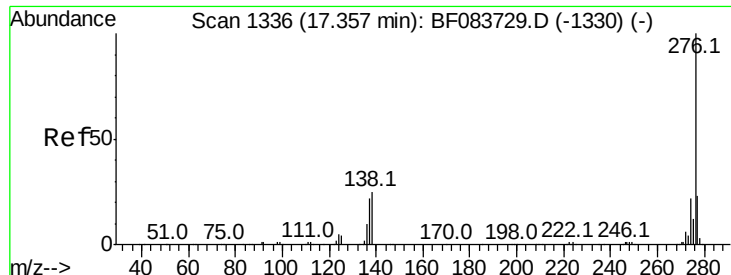
139 20.5 14.4 21.6

279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 79.68 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

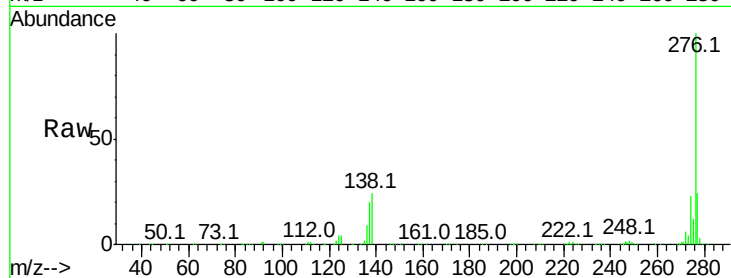
Tot Ion:276 Resp: 1161472

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 23.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

