

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083129.D
 Acq On : 22 Nov 2015 00:36
 Operator : UM/IZ
 Sample : PB86781BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Quant Time: Nov 22 02:29:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	212470	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	804603	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	405929	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	754784	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	666426	20.00	ng	-0.01
86) Perylene-d12	15.15	264	602871	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	960418	34.17	ng	-0.01
7) Phenol-d6	6.32	99	1233292	33.91	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1159499	32.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	280065	33.72	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1890987	32.48	ng	0.00
78) Terphenyl-d14	12.75	244	1911283	33.77	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	193390	27.78	ng	# 92
3) Pyridine	2.98	79	541860	29.47	ng	98
4) n-Nitrosodimethylamine	2.86	42	296941	35.01	ng	99
6) Aniline	6.32	93	505842	22.76	ng	# 86
8) 2-Chlorophenol	6.44	128	514050	33.86	ng	98
9) Benzaldehyde	6.20	77	258438	25.48	ng	92
10) Phenol	6.34	94	696602	31.67	ng	# 74
11) bis(2-Chloroethyl)ether	6.40	93	542952	34.57	ng	99
12) 1,3-Dichlorobenzene	6.82	146	485599	28.01	ng	98
13) 1,4-Dichlorobenzene	6.67	146	567319	32.35	ng	94
14) 1,2-Dichlorobenzene	6.82	146	498010	31.24	ng	96
15) Benzyl Alcohol	6.82	79	493605	32.48	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	867711	35.43	ng	89
17) 2-Methylphenol	6.95	107	421312	33.53	ng	97
18) Hexachloroethane	7.16	117	202120	32.72	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	402665	31.82	ng	# 86
20) 3+4-Methylphenols	7.10	107	574869	36.19	ng	91
22) Acetophenone	7.08	105	736590	31.89	ng	# 92
24) Nitrobenzene	7.24	77	617791	32.84	ng	98
25) Isophorone	7.50	82	1086343	32.58	ng	98
26) 2-Nitrophenol	7.56	139	269816	32.48	ng	93
27) 2,4-Dimethylphenol	7.62	122	457009	34.48	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	670654	34.60	ng	99
29) 2,4-Dichlorophenol	7.82	162	458302	36.35	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	442793	31.97	ng	96
31) Naphthalene	7.96	128	1439194	33.14	ng	98
32) Benzoic acid	7.78	122	336154	32.62	ng	95
33) 4-Chloroaniline	8.03	127	264517	15.70	ng	# 87
34) Hexachlorobutadiene	8.09	225	274574	33.55	ng	100
35) Caprolactam	8.43	113	97017	24.01	ng	# 67
36) 4-Chloro-3-methylphenol	8.52	107	489188	33.50	ng	# 85
37) 2-Methylnaphthalene	8.75	142	855113	30.34	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	414451	31.50	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	475607	63.57	ng	98

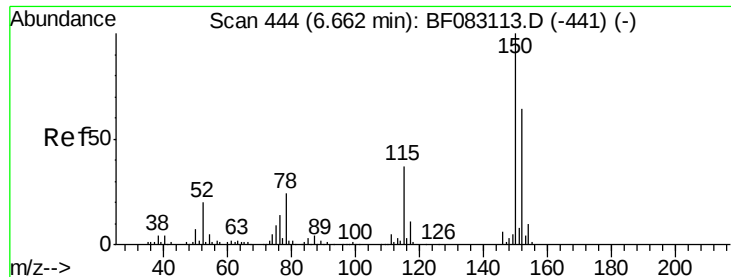
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	321916	34.16	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	318977	33.11	ng	99
45) 1,1'-Biphenyl	9.12	154	1112460	32.20	ng	98
46) 2-Chloronaphthalene	9.14	162	915229	33.73	ng	94
47) 2-Nitroaniline	9.24	65	313912	32.70	ng	100
48) Acenaphthylene	9.55	152	1389456	33.04	ng	99
49) Dimethylphthalate	9.44	163	1122451	35.92	ng	98
50) 2,6-Dinitrotoluene	9.48	165	222959	31.80	ng	94
51) Acenaphthene	9.72	154	846668	33.08	ng	99
52) 3-Nitroaniline	9.66	138	135558	18.13	ng	# 63
53) 2,4-Dinitrophenol	9.76	184	280269	69.37	ng	# 86
54) Dibenzofuran	9.90	168	1212974	33.52	ng	97
55) 4-Nitrophenol	9.85	139	372269	64.93	ng	97
56) 2,4-Dinitrotoluene	9.90	165	295274	33.23	ng	# 83
57) Fluorene	10.24	166	1013505	33.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	268229	33.94	ng	97
59) Diethylphthalate	10.14	149	1052123	33.82	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	465925	34.01	ng	# 80
61) 4-Nitroaniline	10.27	138	226019	30.71	ng	91
62) Azobenzene	10.39	77	1251855	35.26	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	191850	36.89	ng	90
65) n-Nitrosodiphenylamine	10.35	169	833470	32.47	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	290762	34.72	ng	# 90
67) Hexachlorobenzene	10.79	284	316248	34.29	ng	# 79
68) Atrazine	10.89	200	272437	36.55	ng	98
69) Pentachlorophenol	10.98	266	382562	63.68	ng	97
70) Phenanthrene	11.19	178	1415932	32.56	ng	100
71) Anthracene	11.24	178	1593911	35.93	ng	99
72) Carbazole	11.40	167	1388557	35.21	ng	99
73) Di-n-butylphthalate	11.75	149	1671148	34.72	ng	100
74) Fluoranthene	12.38	202	1603614	36.03	ng	94
76) Benzidine	12.50	184	628785	36.00	ng	100
77) Pyrene	12.59	202	1525069	33.50	ng	100
79) Butylbenzylphthalate	13.23	149	739801	34.33	ng	99
80) Benzo(a)anthracene	13.78	228	1477124	35.84	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	354430	24.71	ng	98
82) Chrysene	13.82	228	1191984	31.18	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	952512	33.85	ng	99
84) Di-n-octyl phthalate	14.40	149	1707655	35.25	ng	100
85) Indeno(1,2,3-cd)pyrene	16.42	276	1176710	33.85	ng	98
87) Benzo(b)fluoranthene	14.81	252	2439300	59.22	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	2439300	79.48	ng	# 98
89) Benzo(a)pyrene	15.11	252	1165788	34.28	ng	99
90) Dibenzo(a,h)anthracene	16.43	278	1000126	32.37	ng	98
91) Benzo(g,h,i)perylene	16.80	276	985028	32.66	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

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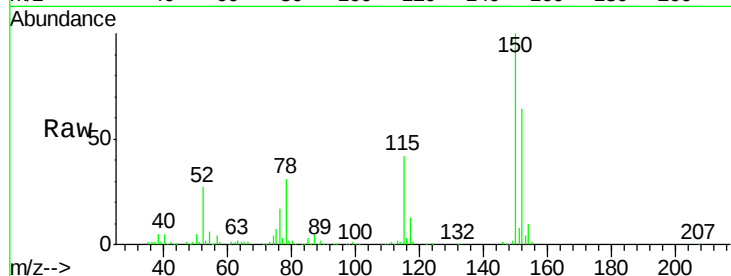
Tgt Ion:152 Resp: 212470

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.8

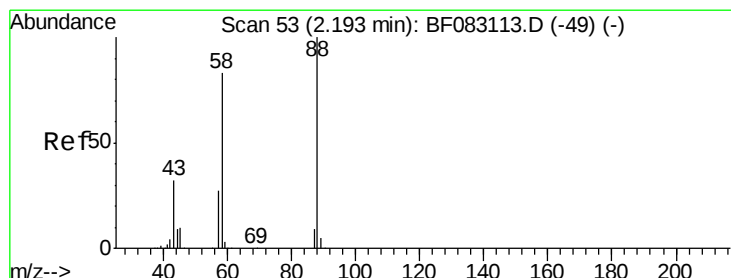
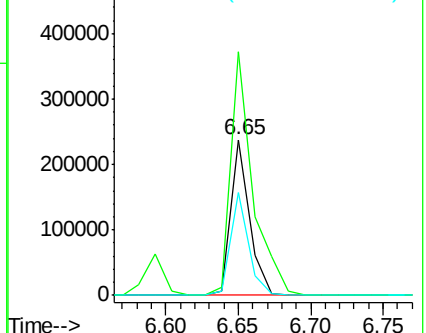
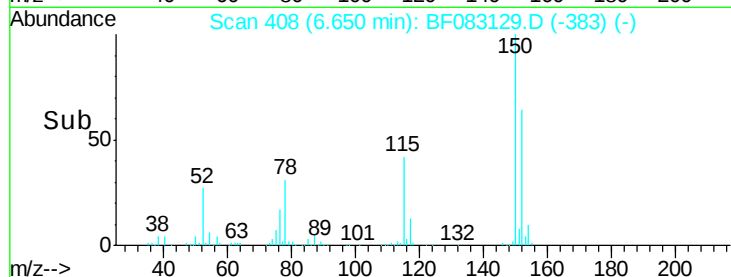
115 65.9 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.78 ng

RT: 2.25 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

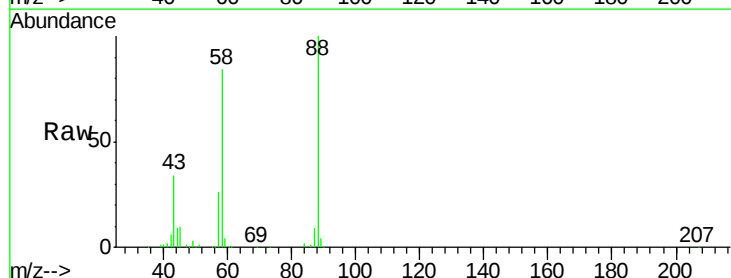
Tgt Ion: 88 Resp: 193390

Ion Ratio Lower Upper

88 100

58 87.5 65.0 97.6

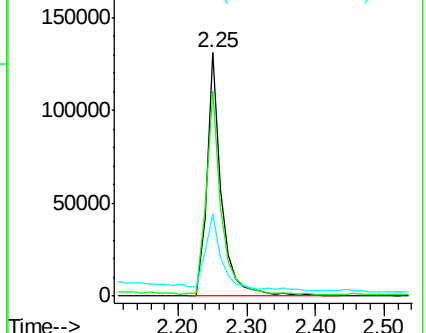
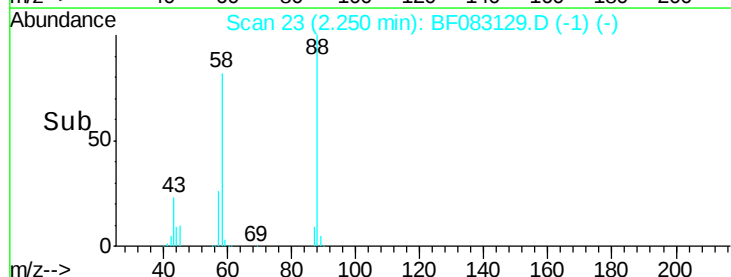
43 37.1 24.7 37.1#

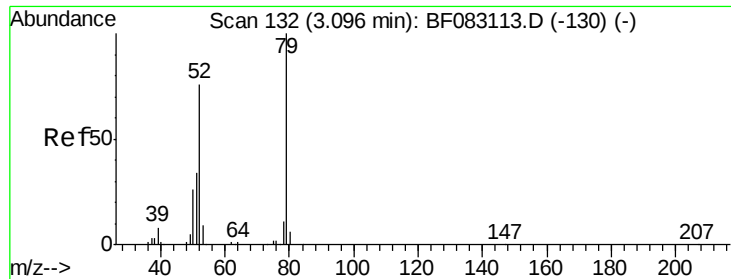


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.47 ng

RT: 2.98 min Scan# 87

Delta R.T. -0.11 min

Lab File: BF083129.D

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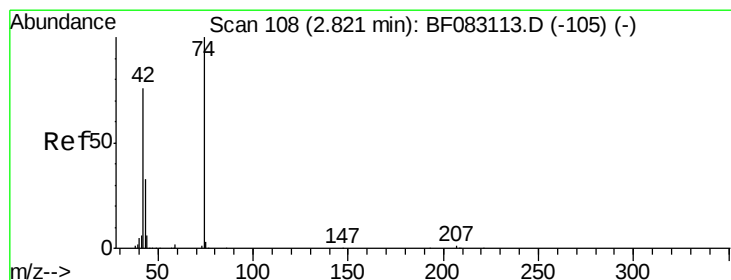
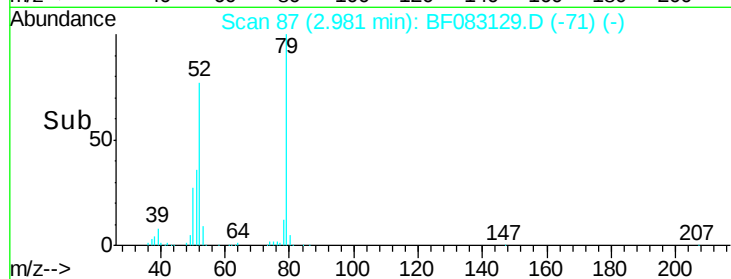
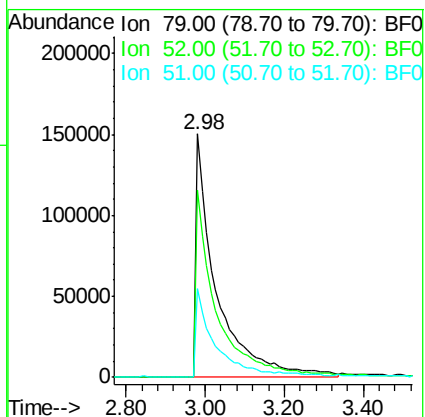
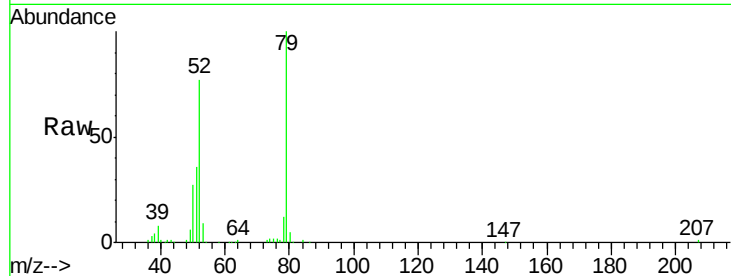
Tgt Ion: 79 Resp: 541860

Ion Ratio Lower Upper

79 100

52 77.1 60.7 91.1

51 36.3 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 35.01 ng

RT: 2.86 min Scan# 76

Delta R.T. 0.03 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

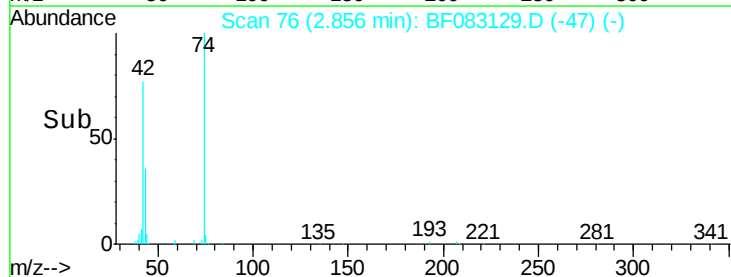
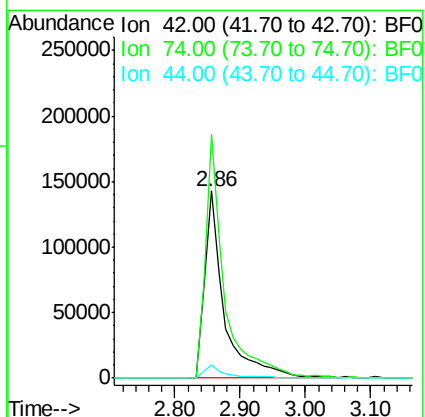
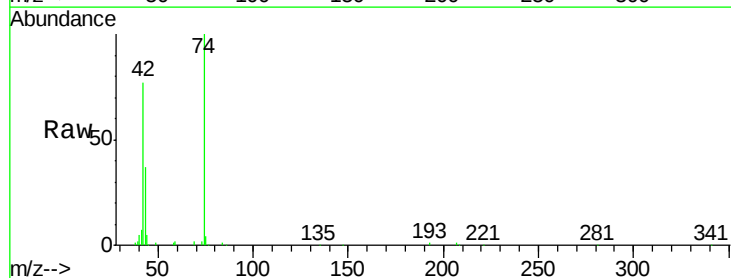
Tgt Ion: 42 Resp: 296941

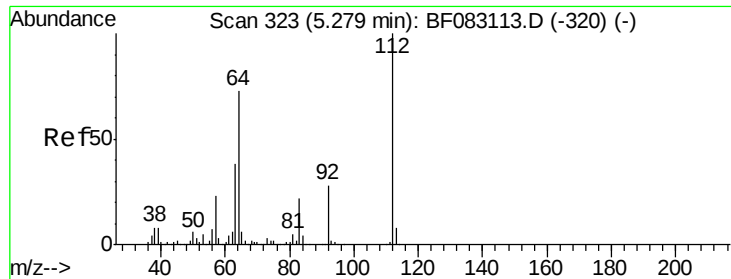
Ion Ratio Lower Upper

42 100

74 130.0 104.8 157.2

44 6.9 6.2 9.4





#5

2-Fluorophenol

Concen: 34.17 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

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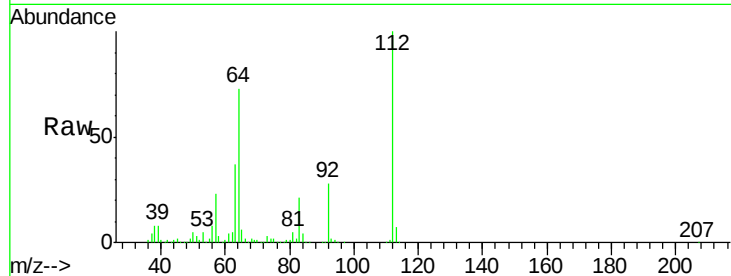
Tgt Ion:112 Resp: 960418

Ion Ratio Lower Upper

112 100

64 72.5 58.4 87.6

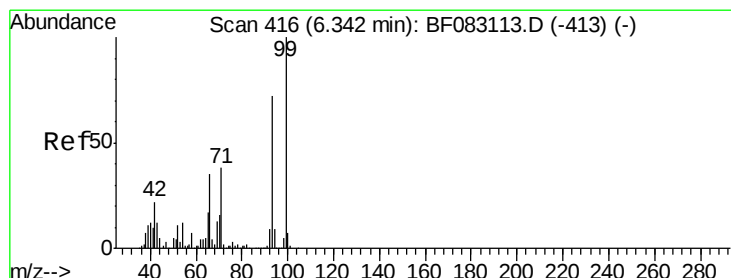
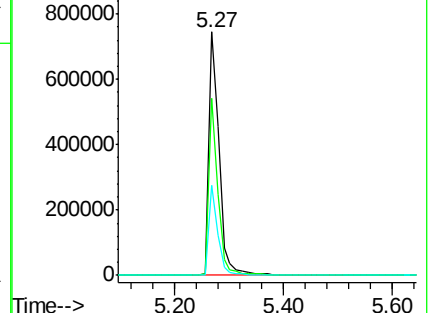
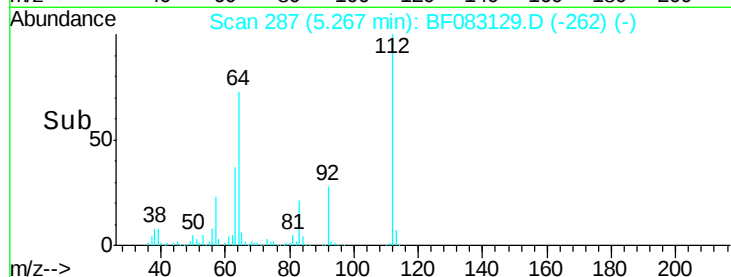
63 36.8 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.76 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

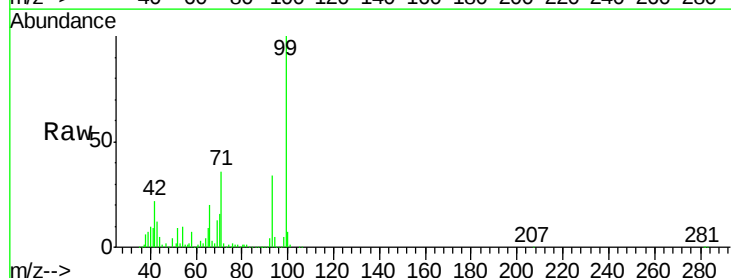
Tgt Ion: 93 Resp: 505842

Ion Ratio Lower Upper

93 100

66 60.5 38.7 58.1#

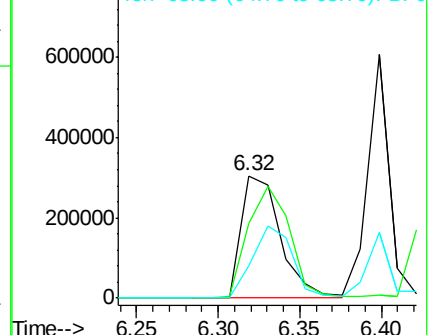
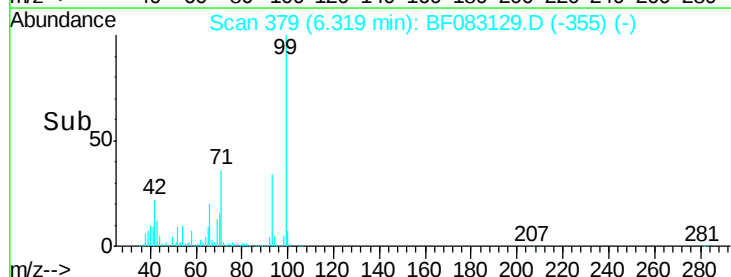
65 26.5 18.6 27.8

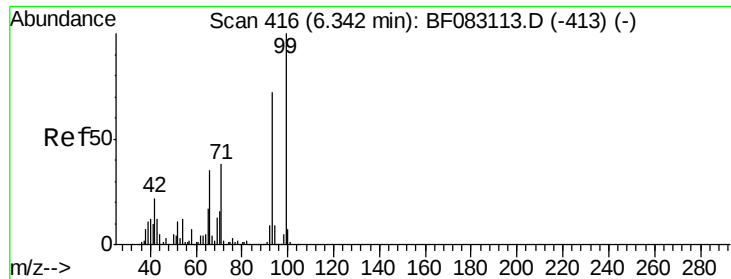


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.91 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

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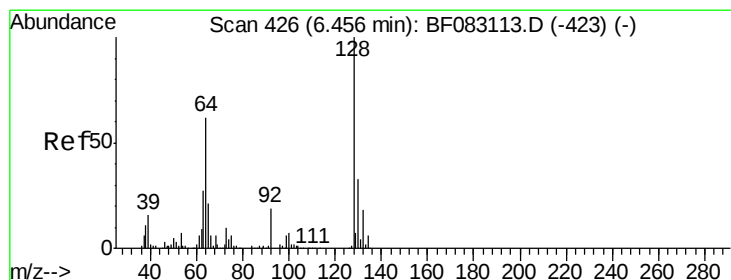
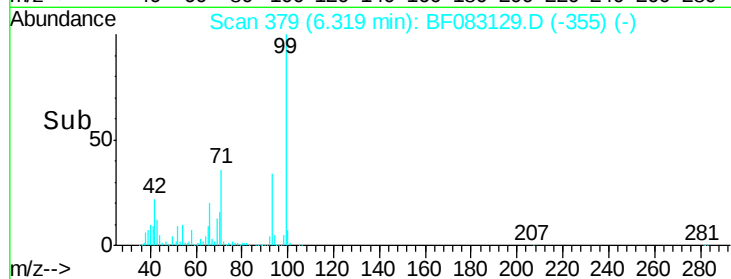
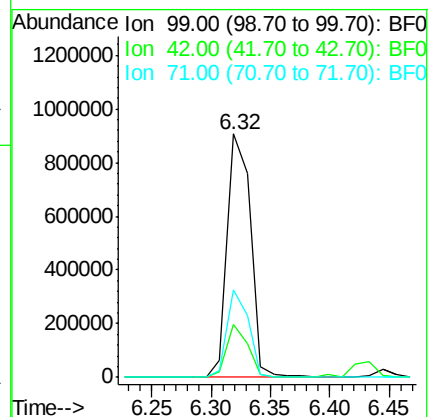
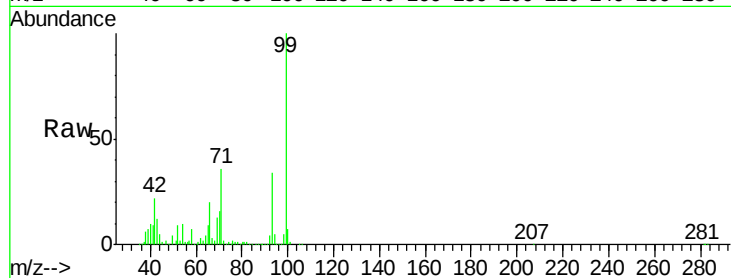
Tgt Ion: 99 Resp: 1233292

Ion Ratio Lower Upper

99 100

42 21.7 17.7 26.5

71 36.1 30.2 45.4



#8

2-Chlorophenol

Concen: 33.86 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

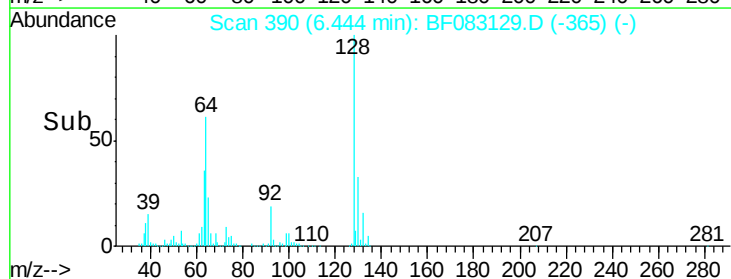
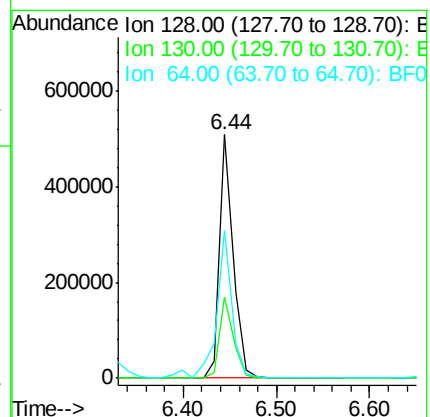
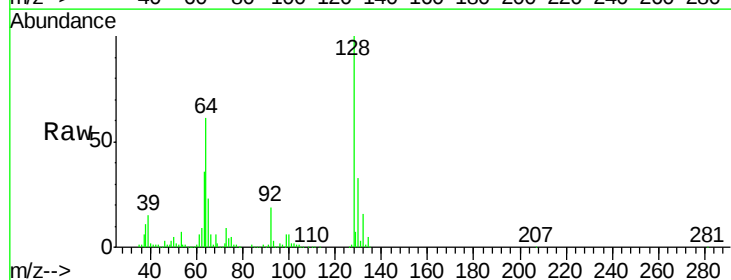
Tgt Ion: 128 Resp: 514050

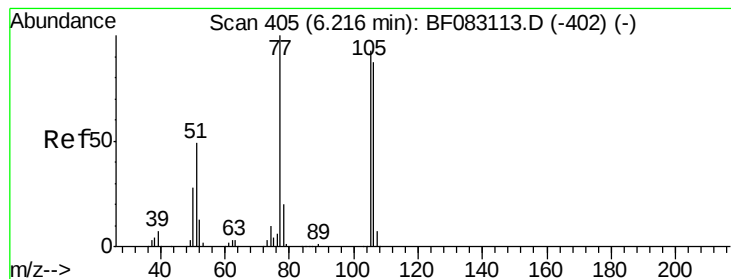
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 60.5 41.9 81.9





#9

Benzaldehyde

Concen: 25.48 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

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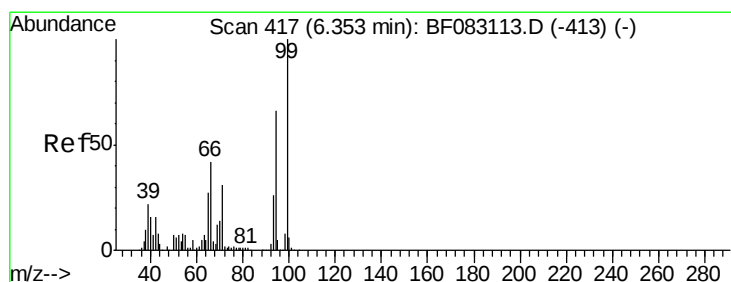
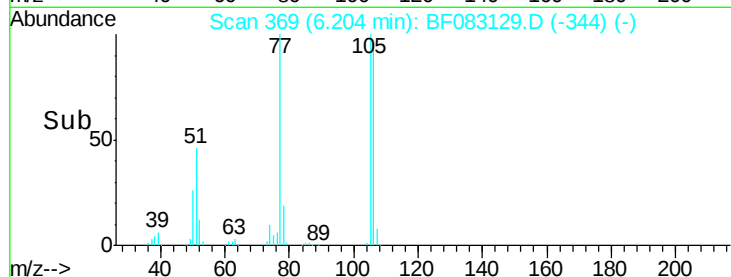
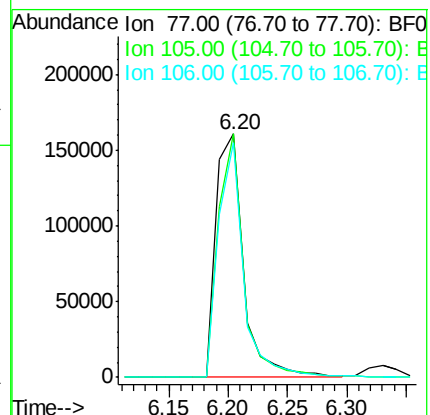
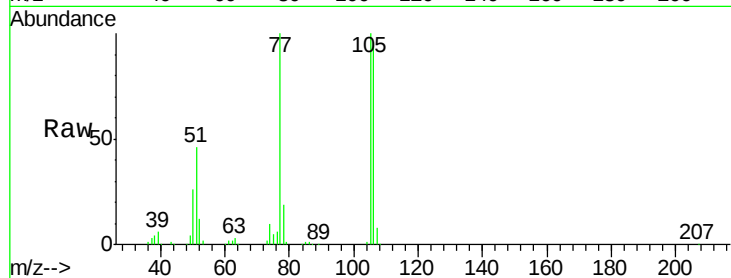
Tgt Ion: 77 Resp: 258438

Ion Ratio Lower Upper

77 100

105 99.9 73.4 113.4

106 96.4 67.5 107.5



#10

Phenol

Concen: 31.67 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

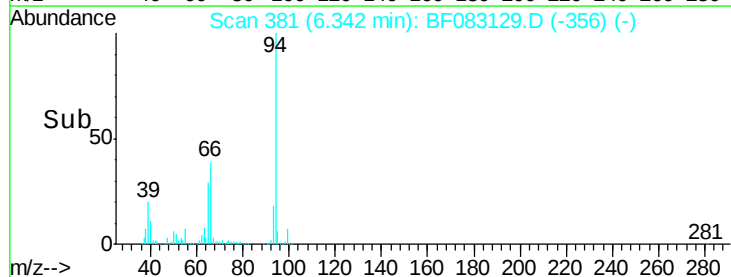
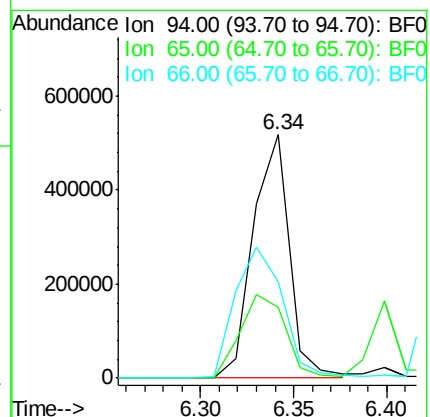
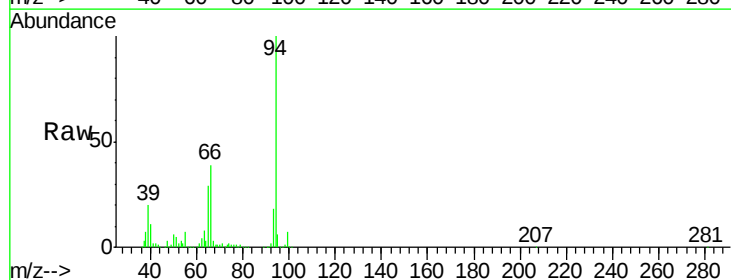
Tgt Ion: 94 Resp: 696602

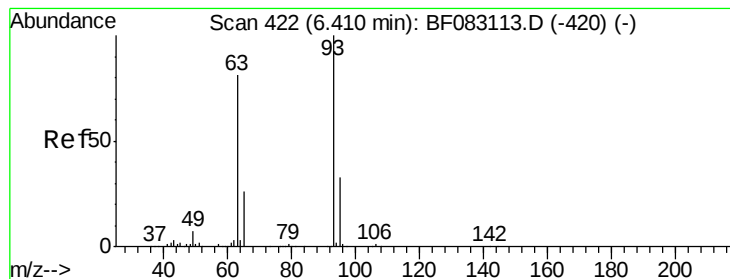
Ion Ratio Lower Upper

94 100

65 29.3 21.1 61.1

66 39.4 43.1 83.1#





#11

bis(2-Chloroethyl)ether

Concen: 34.57 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

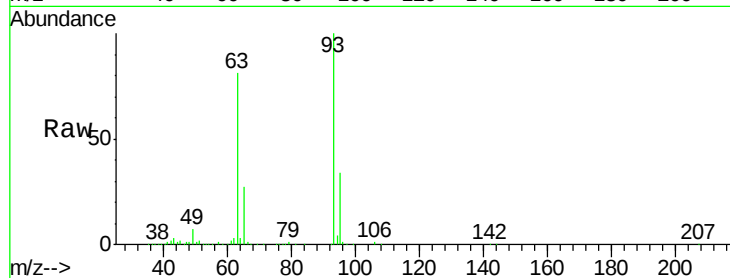
Tgt Ion: 93 Resp: 542952

Ion Ratio Lower Upper

93 100

63 80.6 59.8 99.8

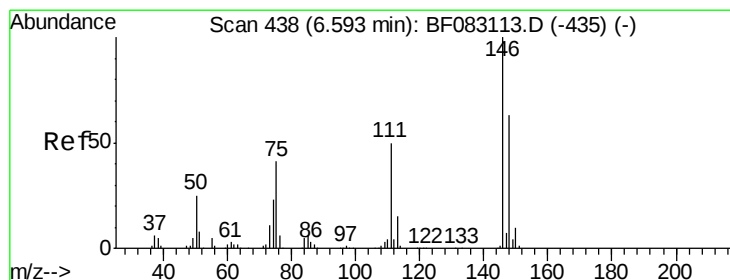
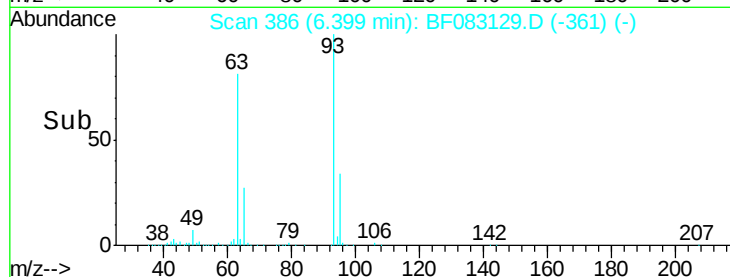
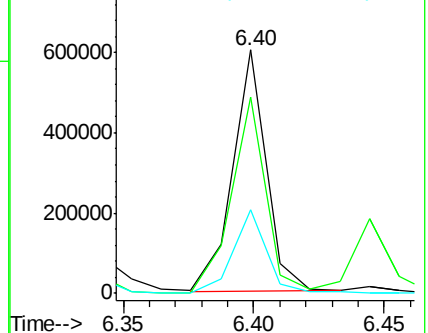
95 34.3 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 28.01 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

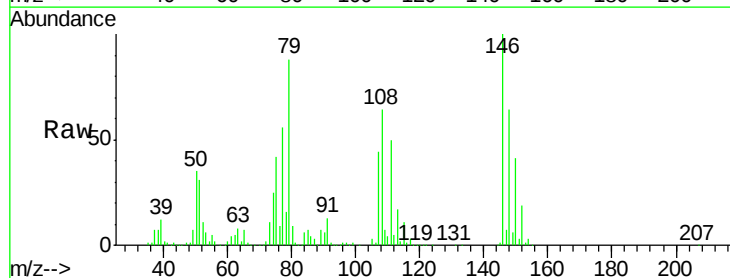
Tgt Ion: 146 Resp: 485599

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

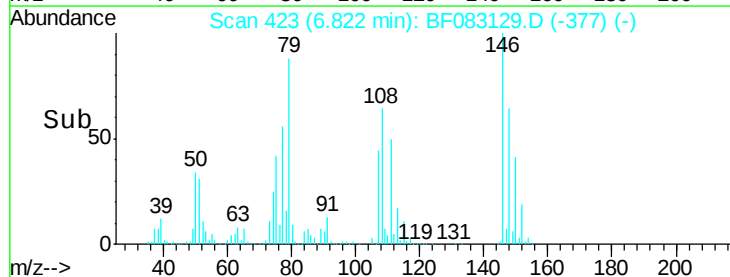
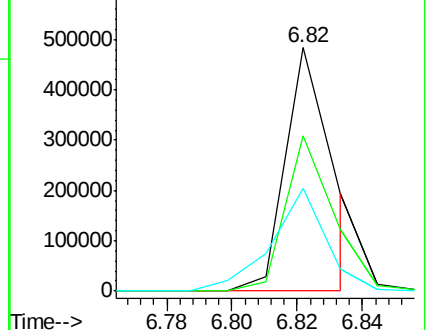
75 42.2 32.7 49.1

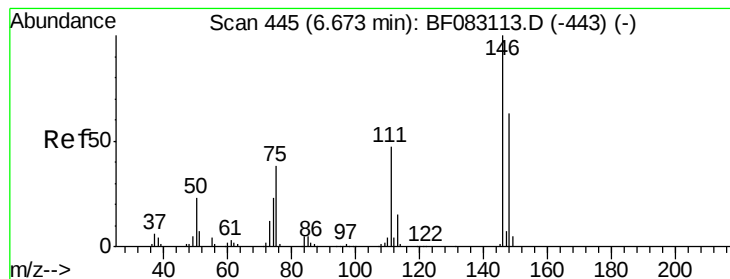


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.35 ng

RT: 6.67 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

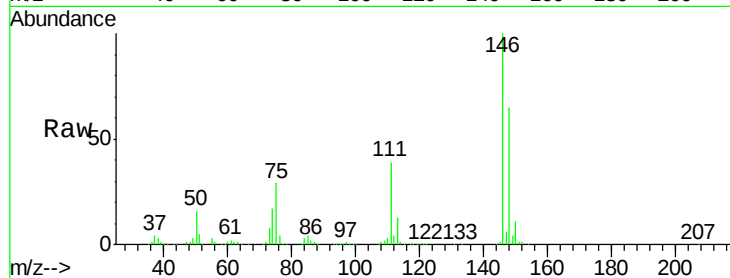
Tgt Ion:146 Resp: 567319

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

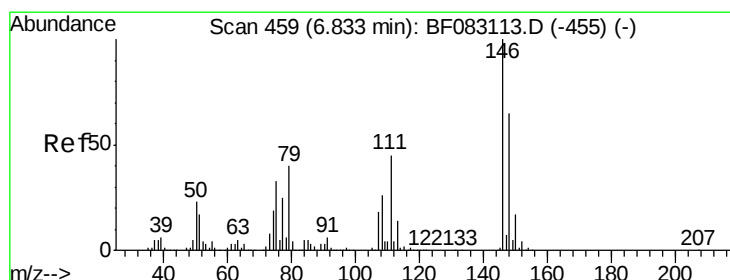
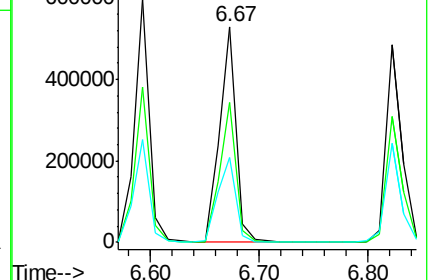
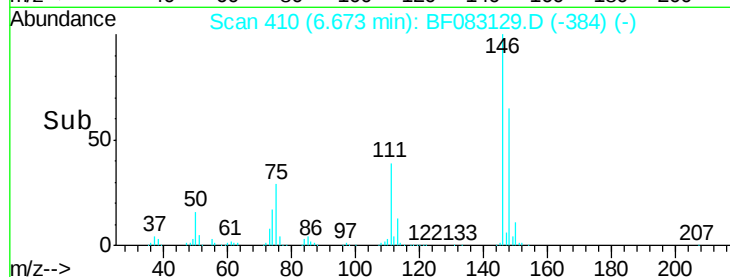
111 39.5 37.5 56.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.24 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

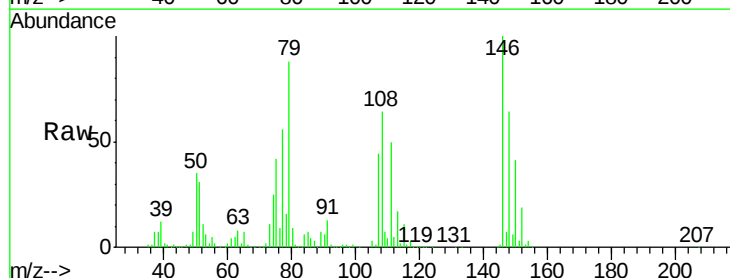
Tgt Ion:146 Resp: 498010

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

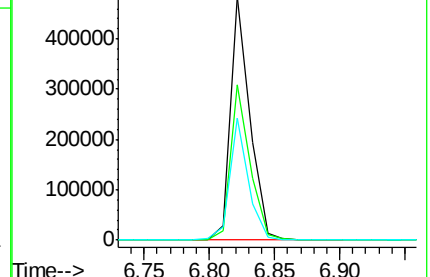
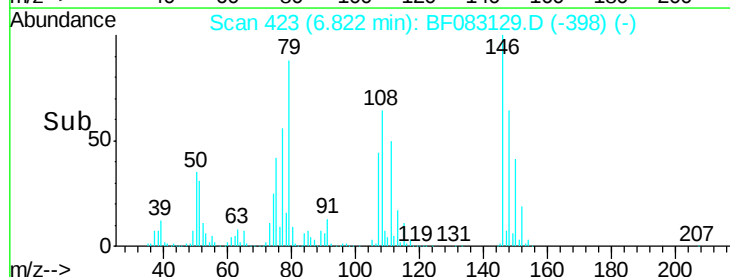
111 50.1 36.2 54.4

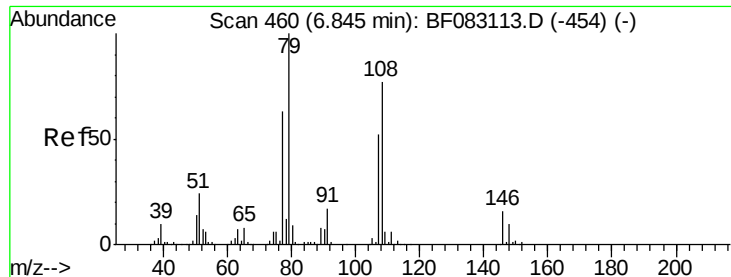


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.48 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

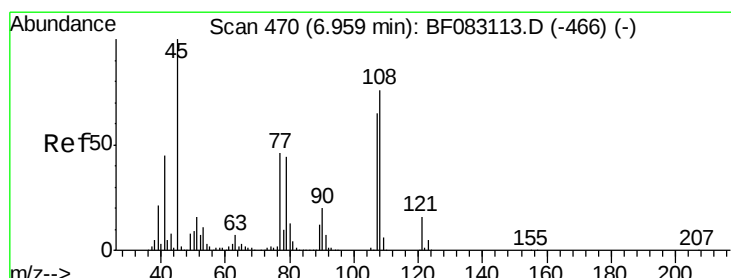
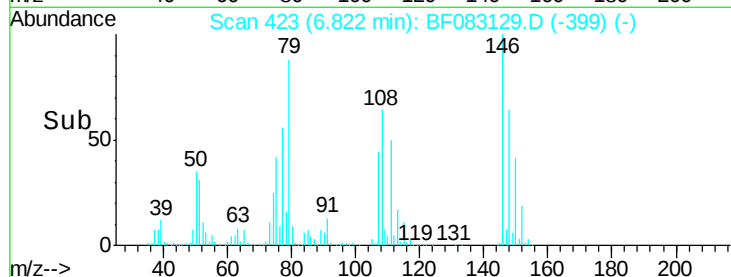
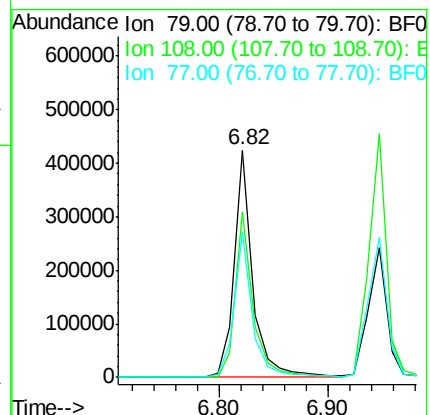
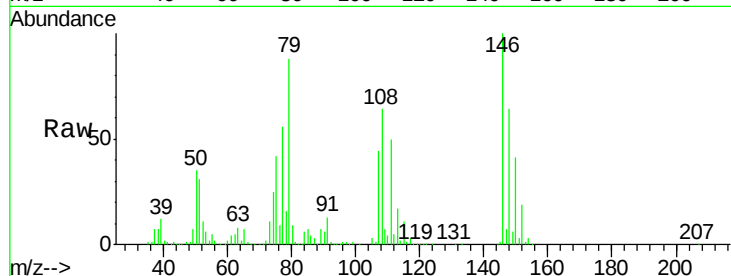
Tgt Ion: 79 Resp: 493605

Ion Ratio Lower Upper

79 100

108 73.0 61.4 92.2

77 63.9 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.43 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

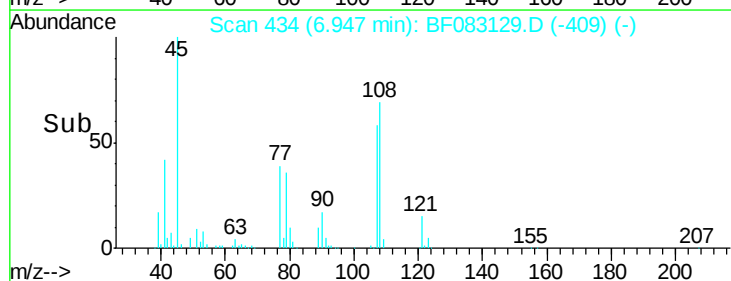
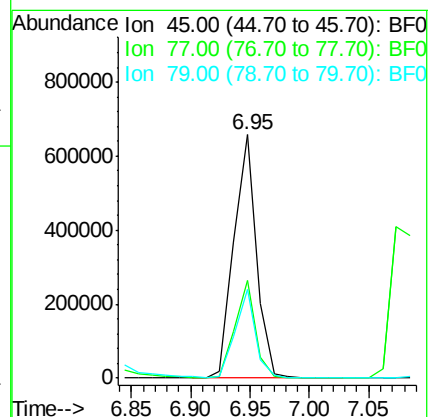
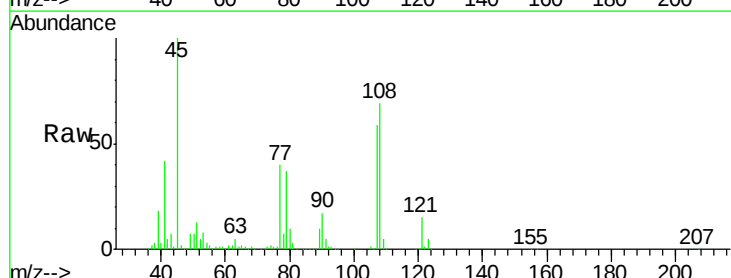
Tgt Ion: 45 Resp: 867711

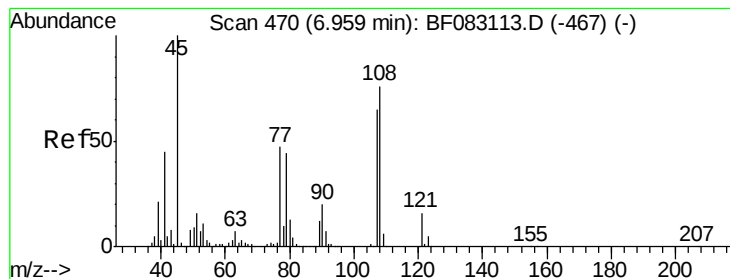
Ion Ratio Lower Upper

45 100

77 39.9 26.7 66.7

79 36.6 24.3 64.3





#17

2-Methylphenol

Concen: 33.53 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

Tgt Ion:107 Resp: 421312

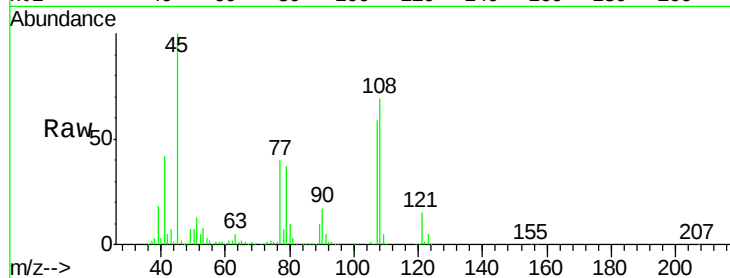
Ion Ratio Lower Upper

107 100

108 118.1 93.8 140.6

77 68.1 57.4 86.0

79 62.6 54.4 81.6

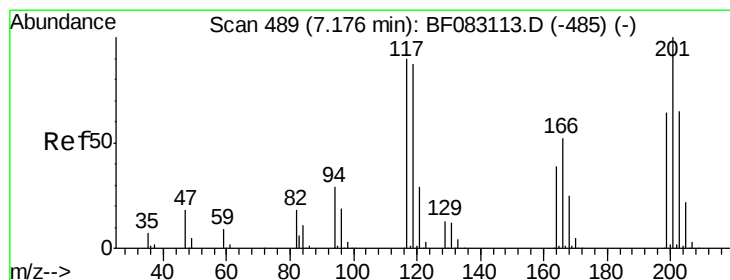
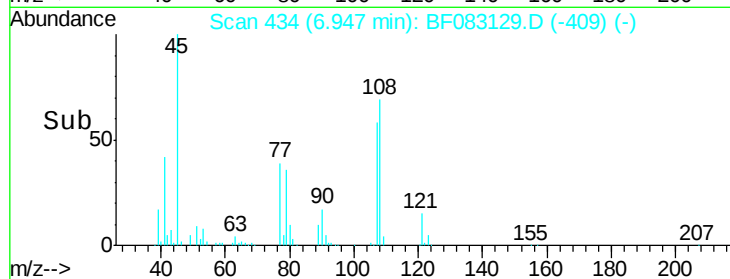
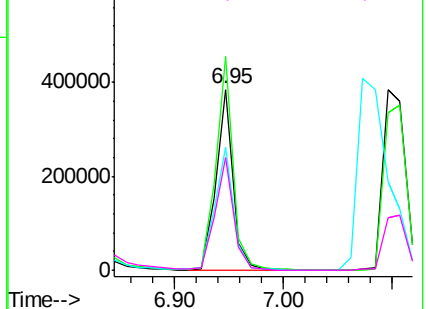


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.72 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

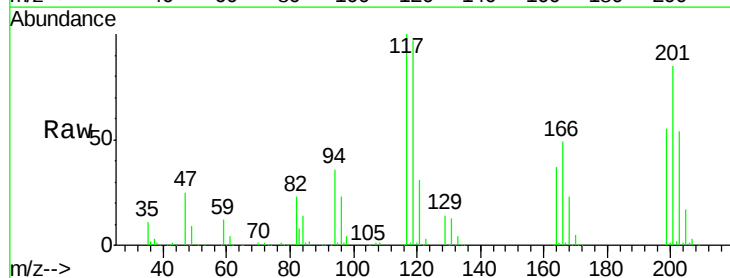
Tgt Ion:117 Resp: 202120

Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2

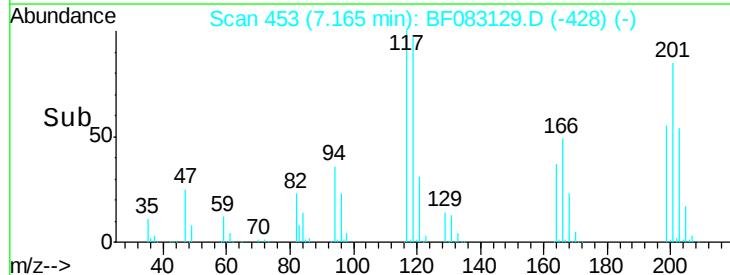
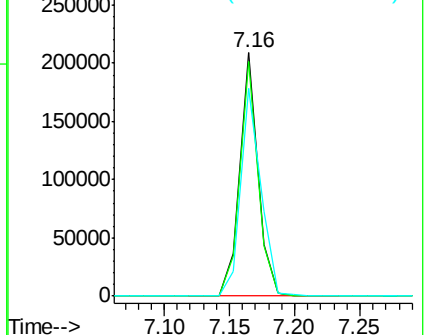
201 85.4 88.6 133.0#

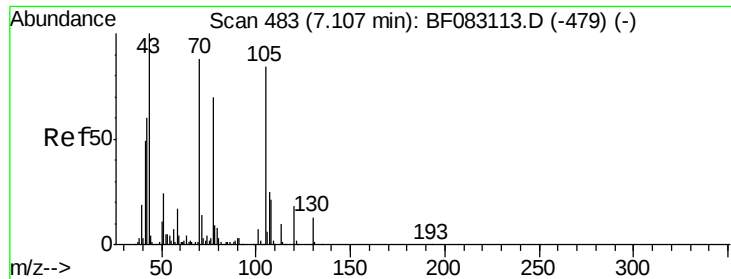


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

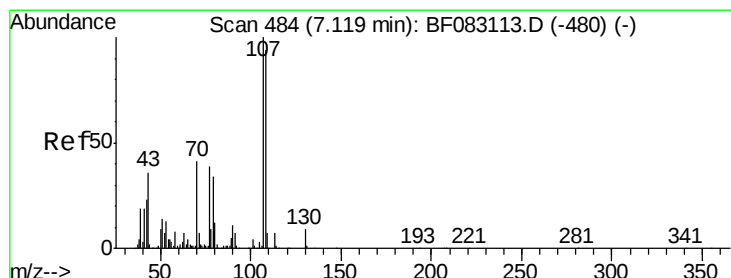
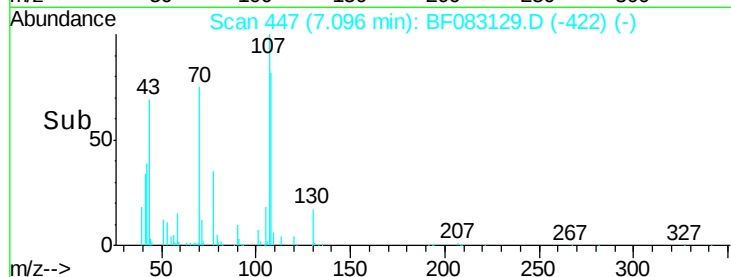
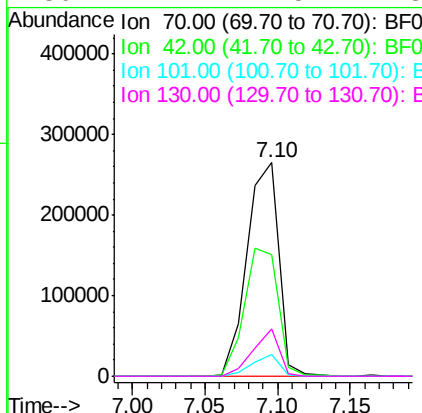
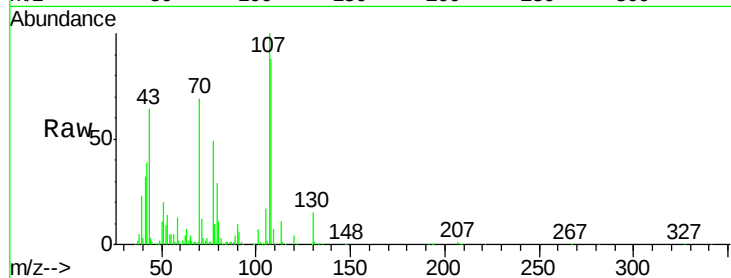




#19
n-Nitroso-di-n-propylamine
Concen: 31.82 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

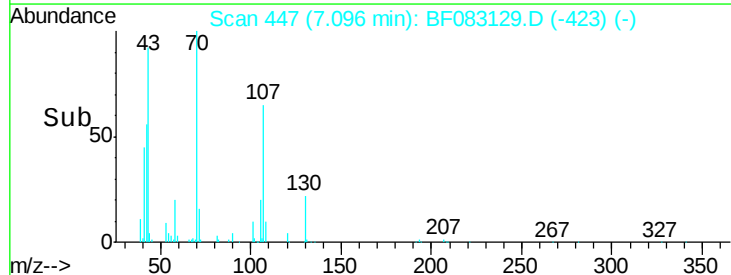
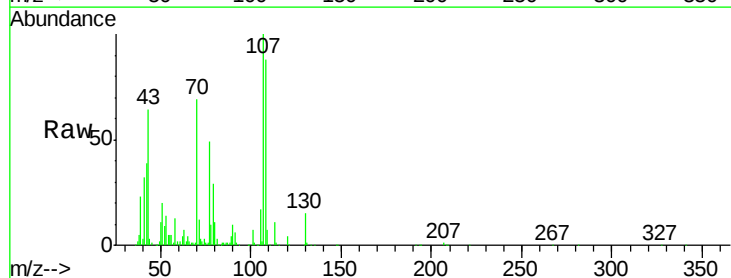
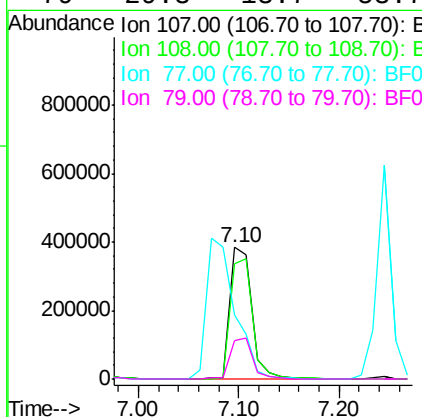
Instrument :
BNA_F
ClientSampleId :
PB86781BS

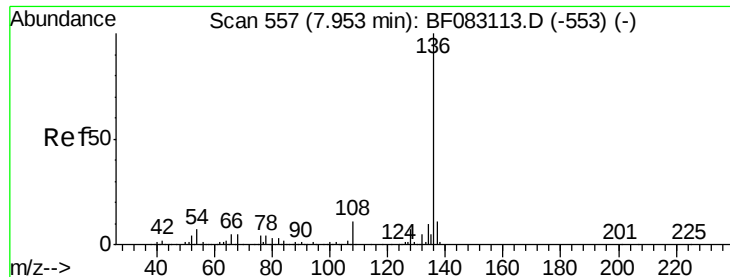
Tgt Ion: 70 Resp: 402665
Ion Ratio Lower Upper
70 100
42 57.1 54.5 81.7
101 10.0 6.6 9.8#
130 22.1 11.5 17.3#



#20
3+4-Methylphenols
Concen: 36.19 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 107 Resp: 574869
Ion Ratio Lower Upper
107 100
108 87.5 73.8 113.8
77 48.8 19.1 59.1
79 29.3 13.7 53.7

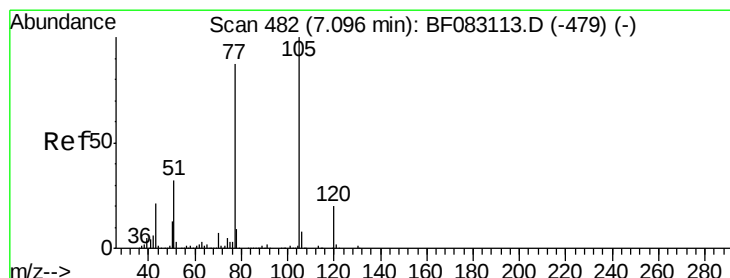
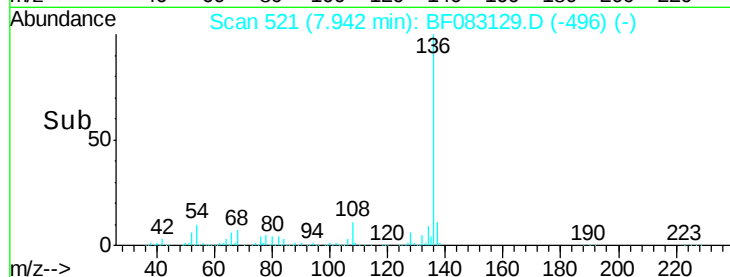
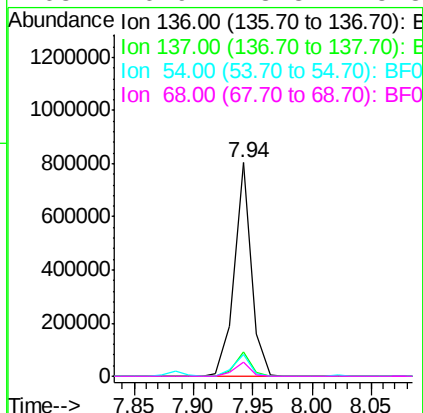
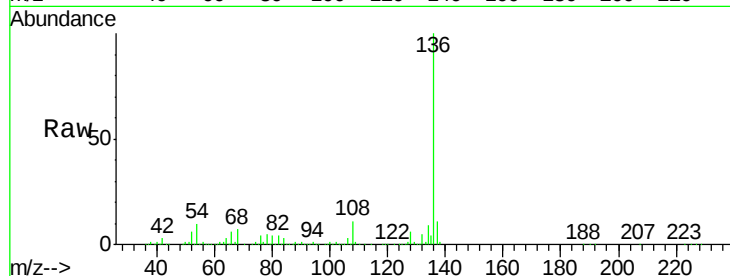




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

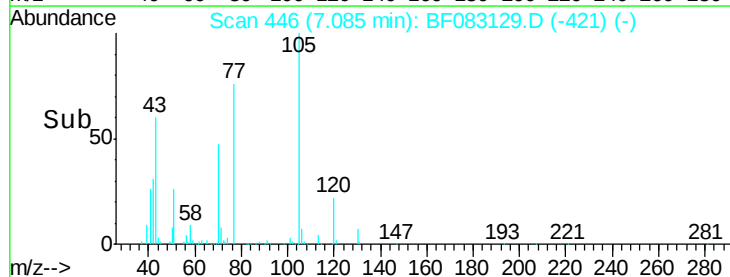
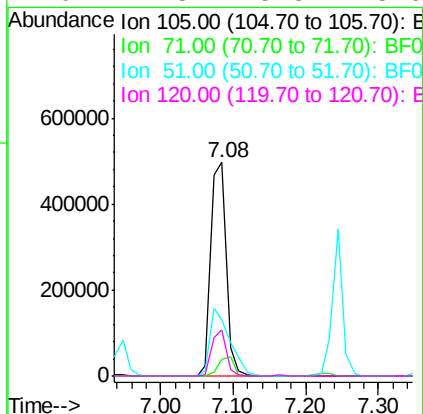
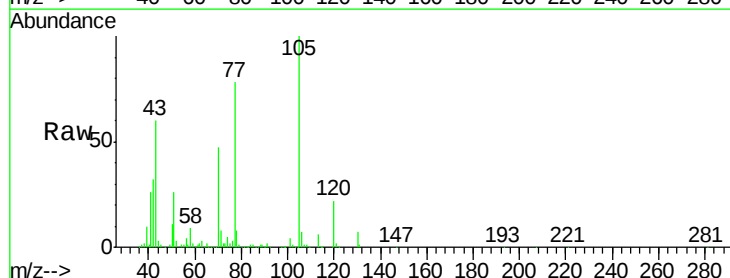
Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:	136	Resp:	804603
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	10.1	5.8	8.6#
68	6.9	3.8	5.8#



#22
Acetophenone
Concen: 31.89 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:	105	Resp:	736590
Ion Ratio	Lower	Upper	
105	100		
71	8.1	1.0	1.4#
51	26.4	25.6	38.4
120	21.8	15.8	23.6





#23

Nitrobenzene-d5

Concen: 32.92 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

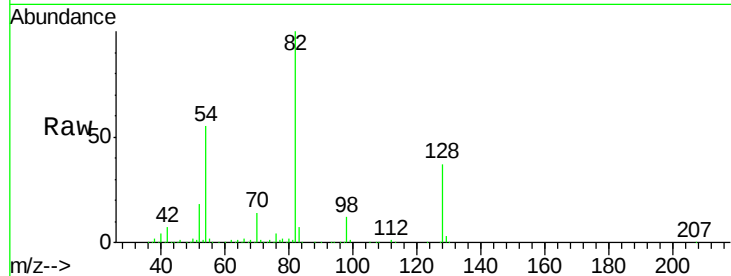
Tgt Ion: 82 Resp: 1159499

Ion Ratio Lower Upper

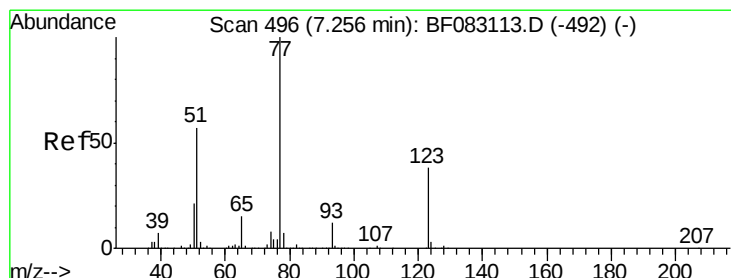
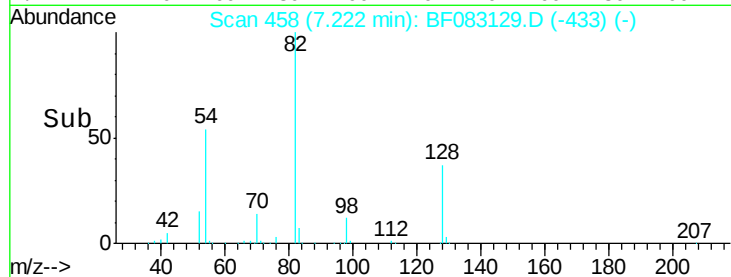
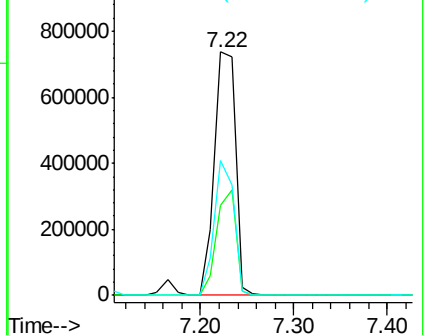
82 100

128 36.9 28.5 42.7

54 55.1 44.6 67.0



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



#24

Nitrobenzene

Concen: 32.84 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

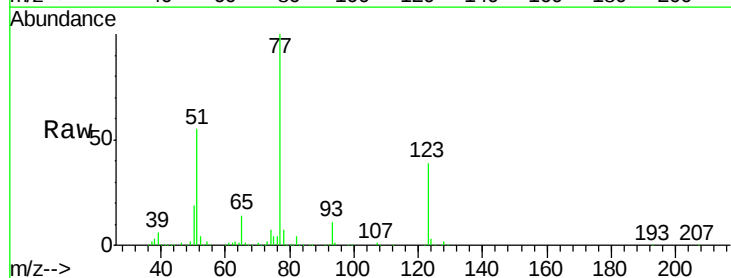
Tgt Ion: 77 Resp: 617791

Ion Ratio Lower Upper

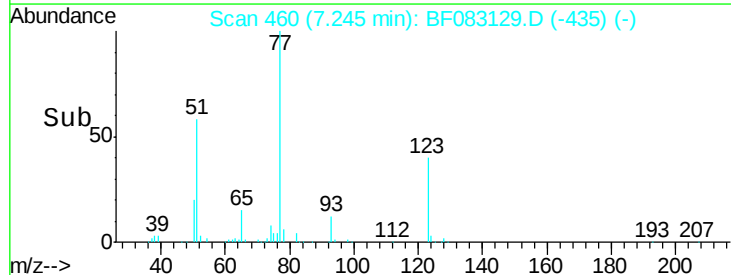
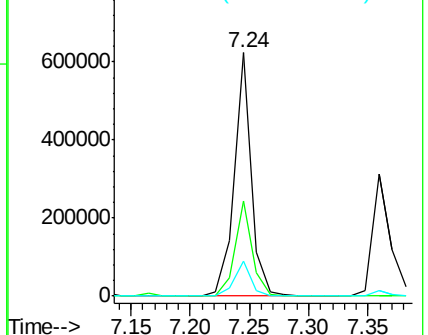
77 100

123 39.1 30.1 45.1

65 14.4 11.6 17.4



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





#25

Isophorone

Concen: 32.58 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

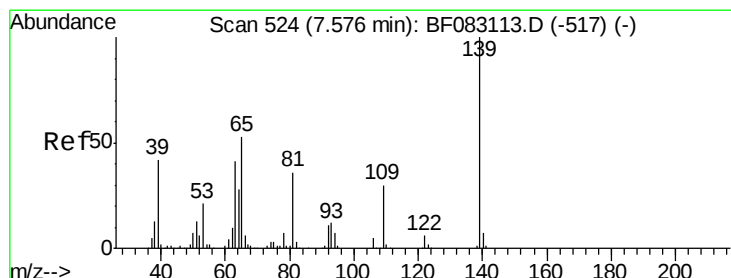
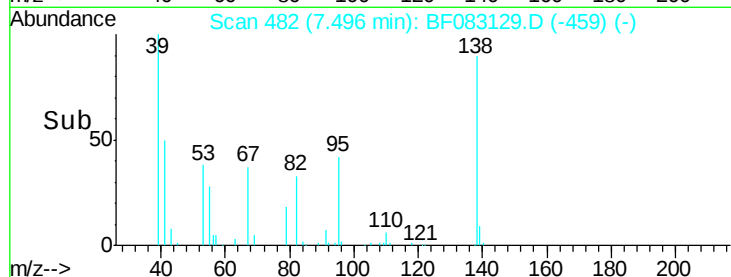
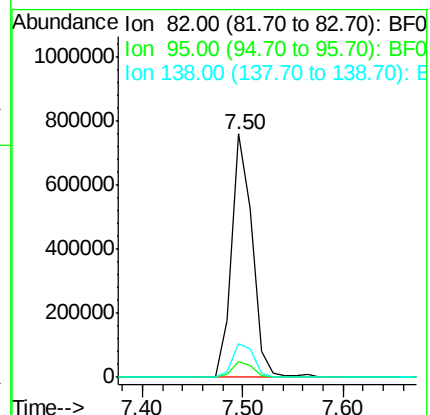
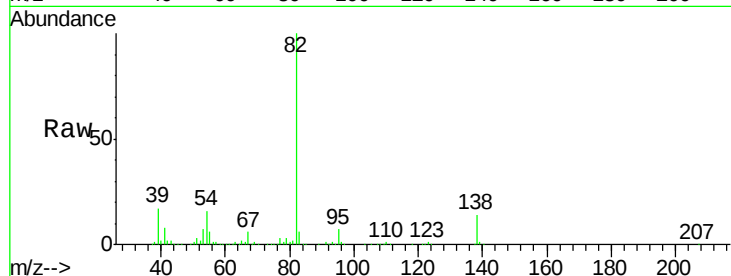
Tgt Ion: 82 Resp: 1086343

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.8

138 13.8 11.6 17.4



#26

2-Nitrophenol

Concen: 32.48 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

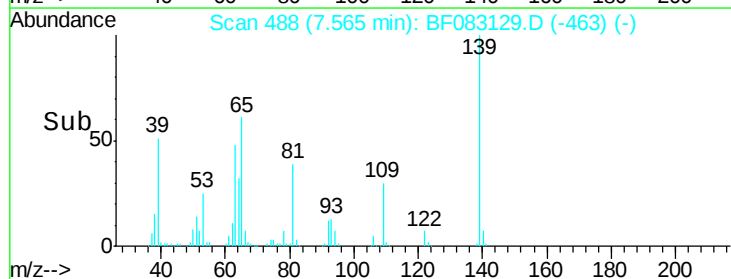
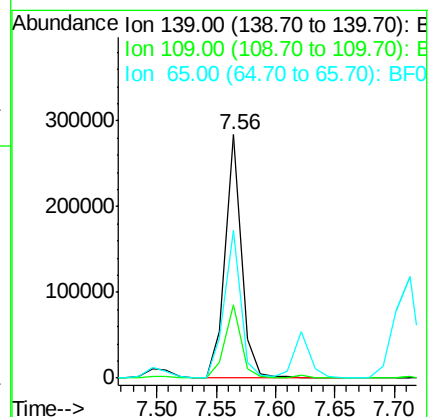
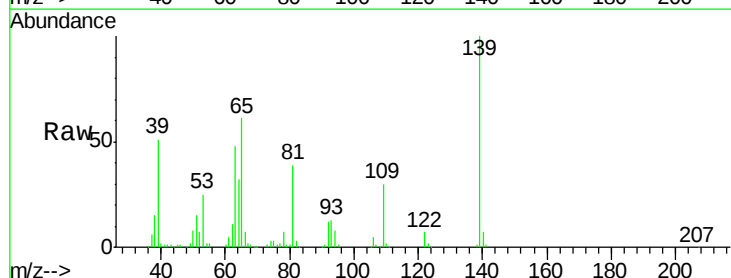
Tgt Ion: 139 Resp: 269816

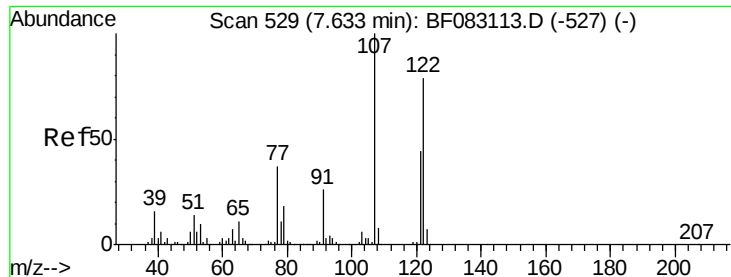
Ion Ratio Lower Upper

139 100

109 29.9 23.9 35.9

65 60.8 42.7 64.1

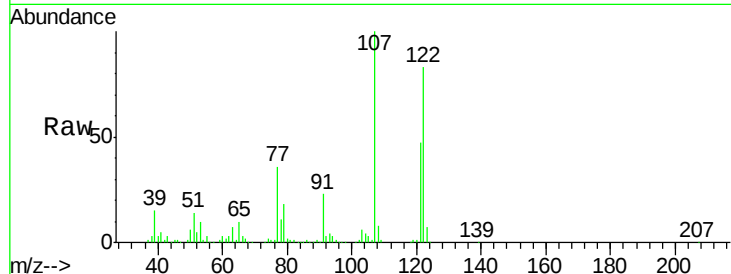




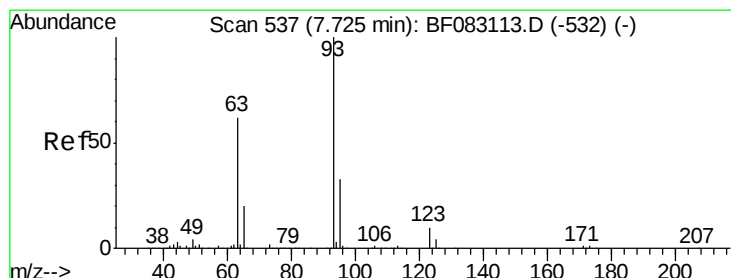
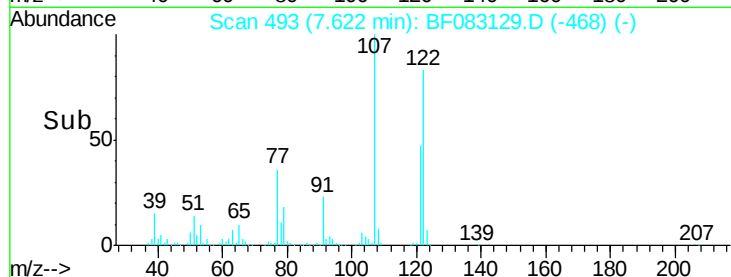
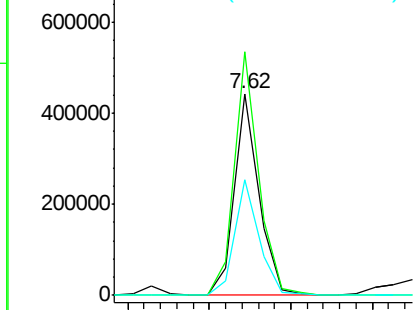
#27
 2,4-Dimethylphenol
 Concen: 34.48 ng
 RT: 7.62 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion:122 Resp: 457009
 Ion Ratio Lower Upper
 122 100
 107 120.7 101.1 151.7
 121 57.2 44.9 67.3

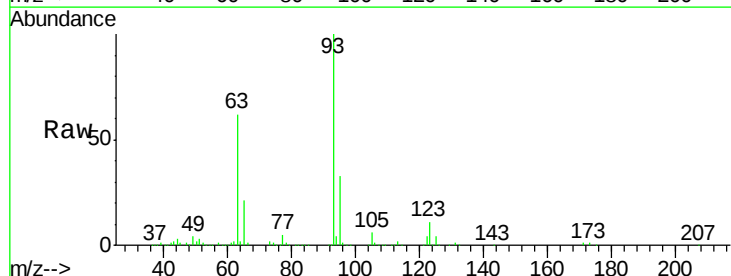


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

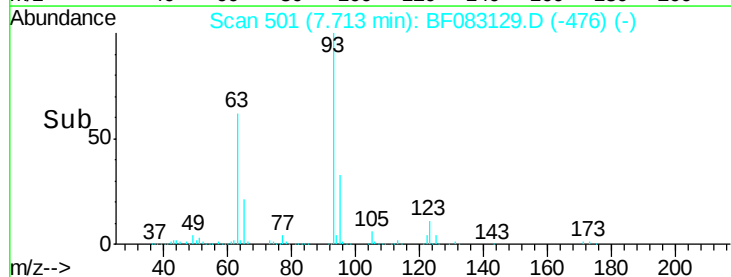
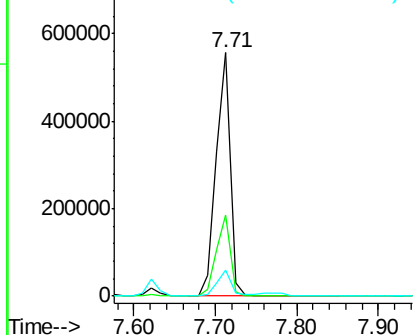


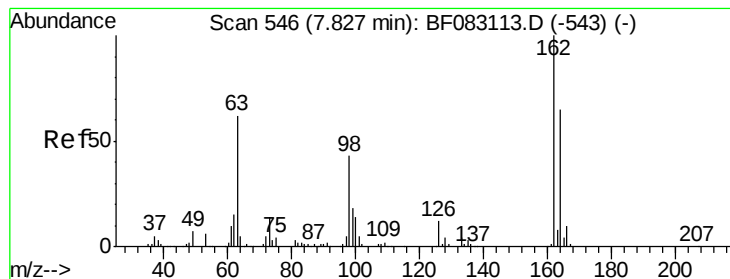
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.60 ng
 RT: 7.71 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion: 93 Resp: 670654
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 10.8 8.1 12.1



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: 36.35 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

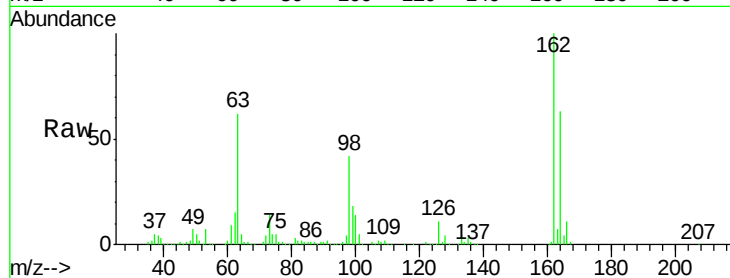
Tgt Ion:162 Resp: 458302

Ion Ratio Lower Upper

162 100

164 63.1 44.8 84.8

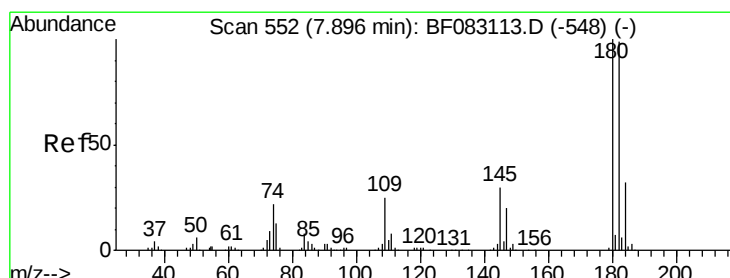
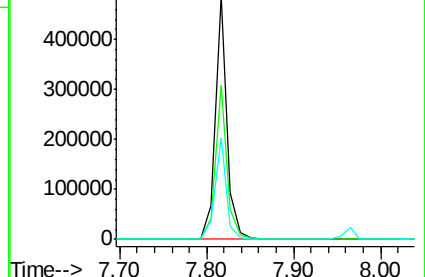
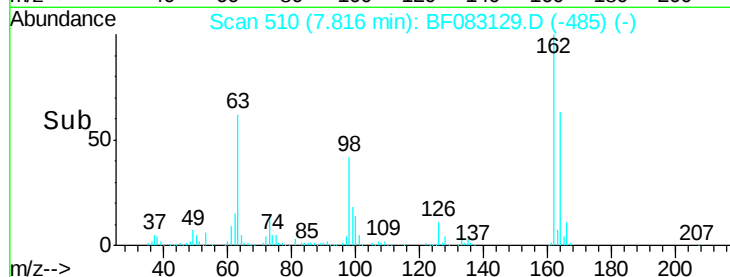
98 41.8 23.1 63.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 31.97 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

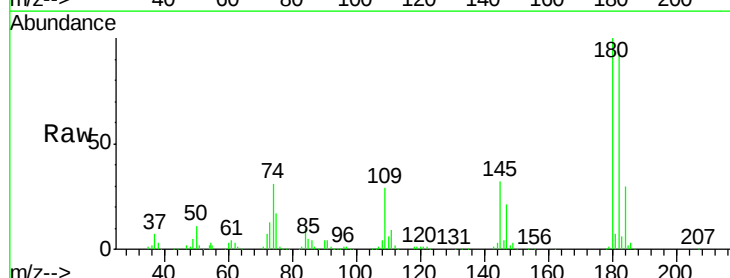
Tgt Ion:180 Resp: 442793

Ion Ratio Lower Upper

180 100

182 93.9 79.0 118.6

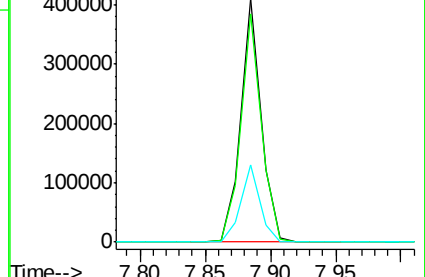
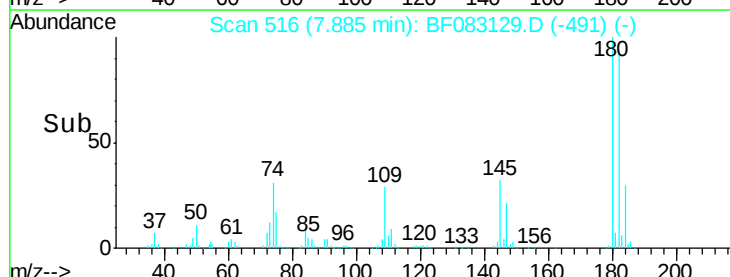
145 31.8 24.2 36.2

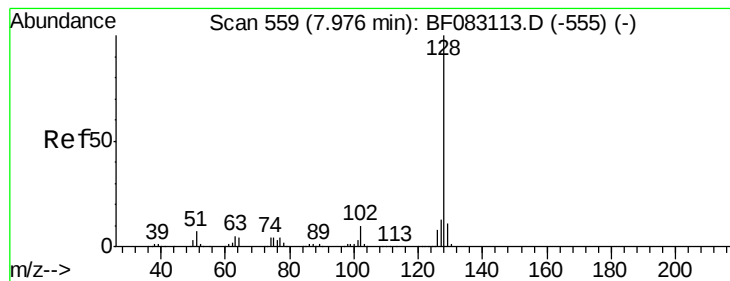


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.14 ng

RT: 7.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

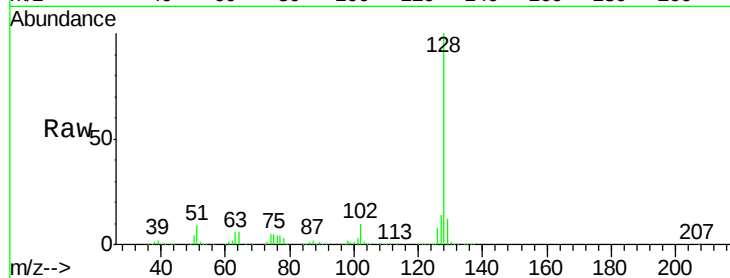
Tgt Ion:128 Resp: 1439194

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

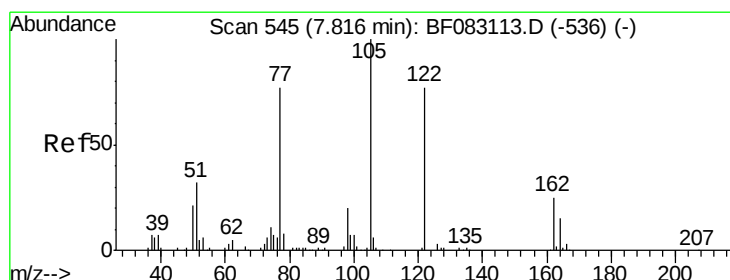
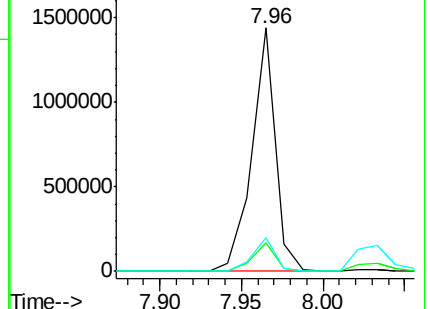
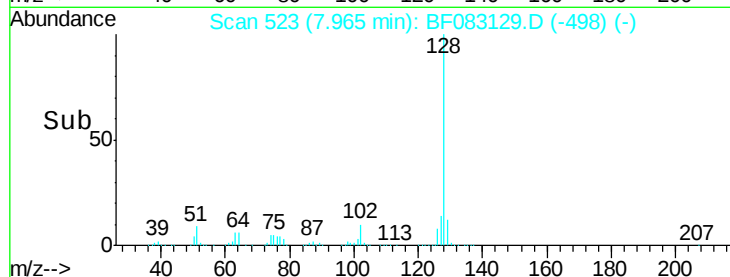
127 13.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.62 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

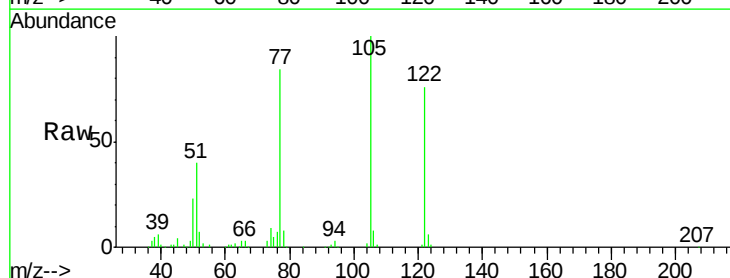
Tgt Ion:122 Resp: 336154

Ion Ratio Lower Upper

122 100

105 130.8 109.7 149.7

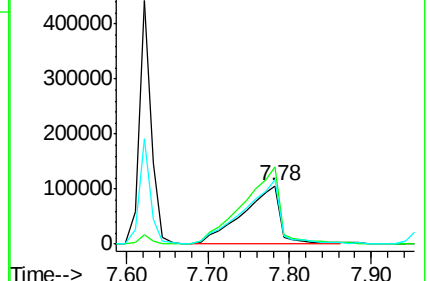
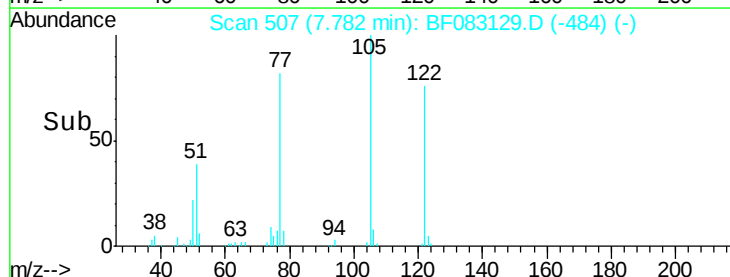
77 109.5 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

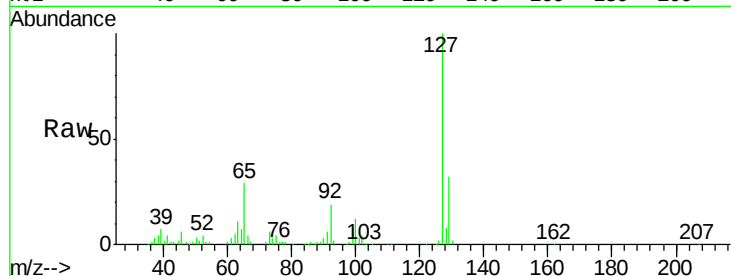




#33
4-Chloroaniline
Concen: 15.70 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:	127	Resp:	264517
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	29.2	35.5	53.3#
92	18.9	19.4	29.2#



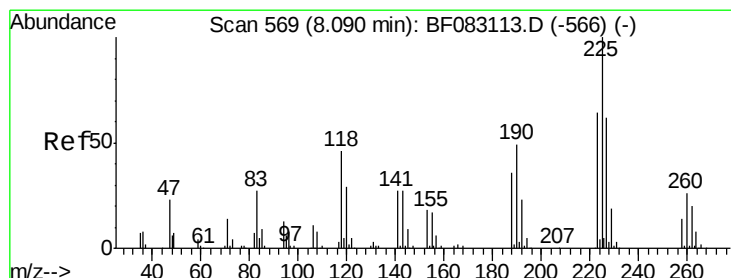
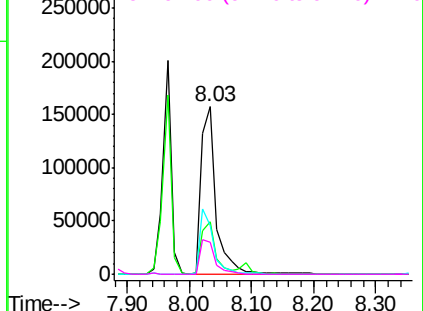
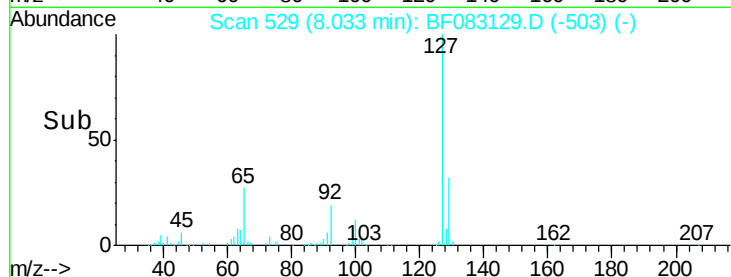
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

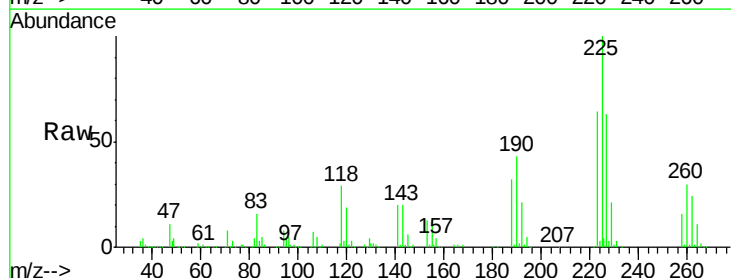
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 33.55 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:	225	Resp:	274574
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	62.7	49.8	74.8

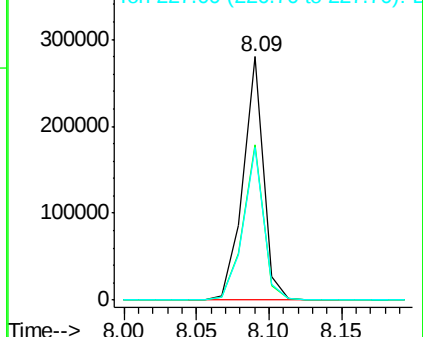
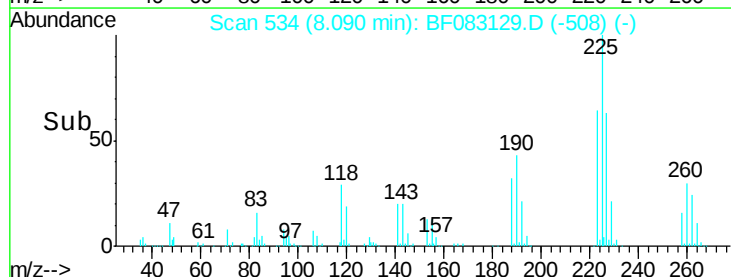


Abundance

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: 24.01 ng

RT: 8.43 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

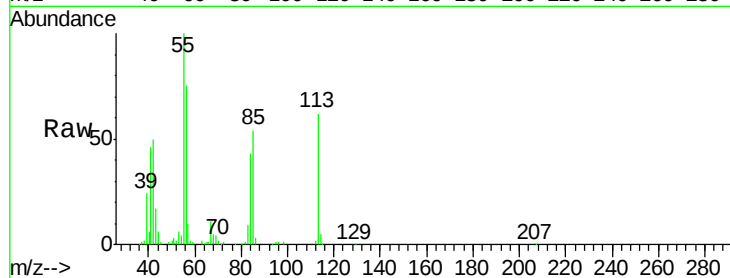
Tgt Ion:113 Resp: 97017

Ion Ratio Lower Upper

113 100

55 161.9 192.6 232.6#

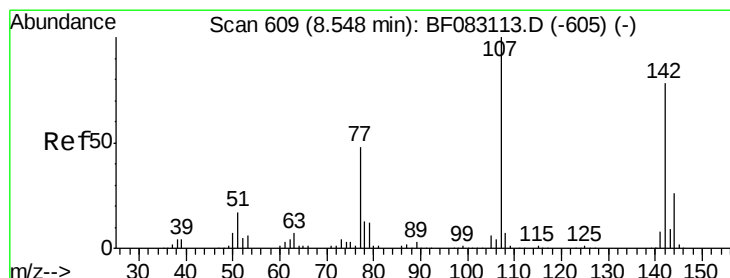
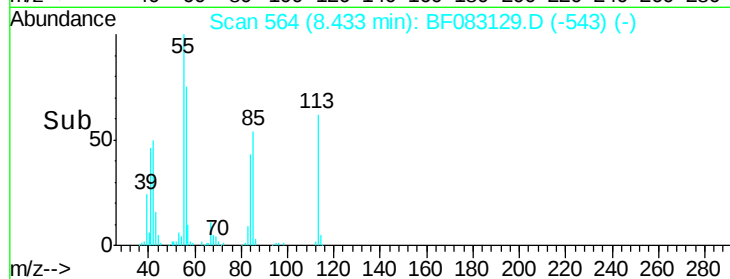
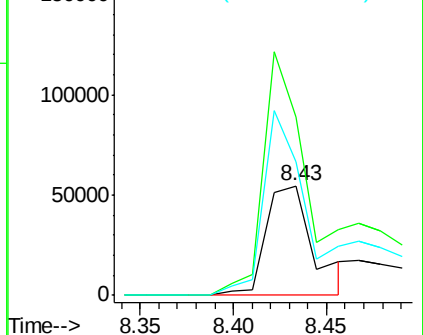
56 122.1 148.6 188.6#



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: 33.50 ng

RT: 8.52 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

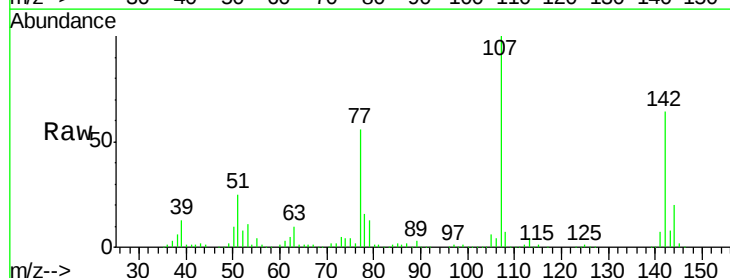
Tgt Ion:107 Resp: 489188

Ion Ratio Lower Upper

107 100

144 19.9 20.8 31.2#

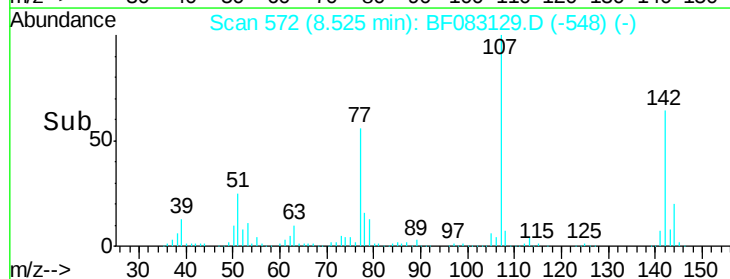
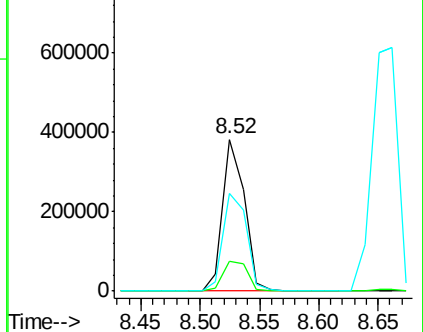
142 64.0 62.1 93.1

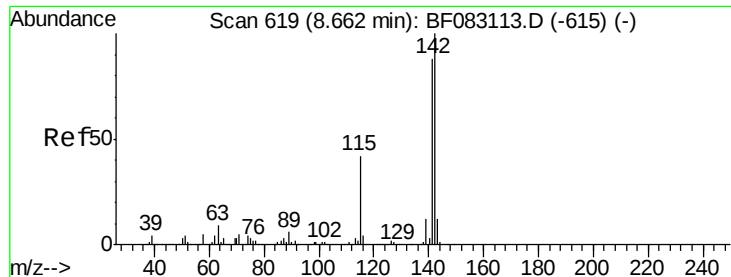


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

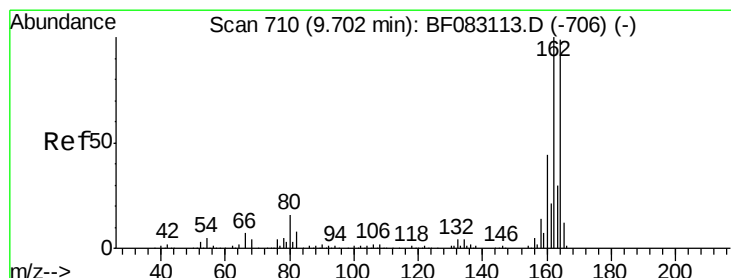
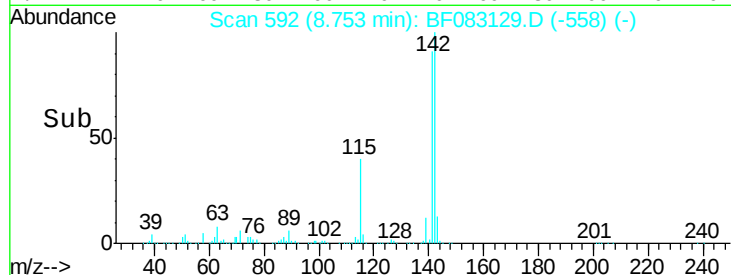
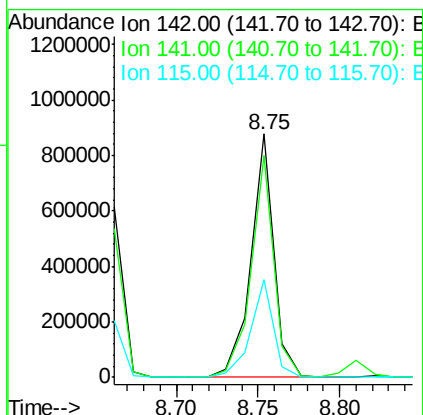
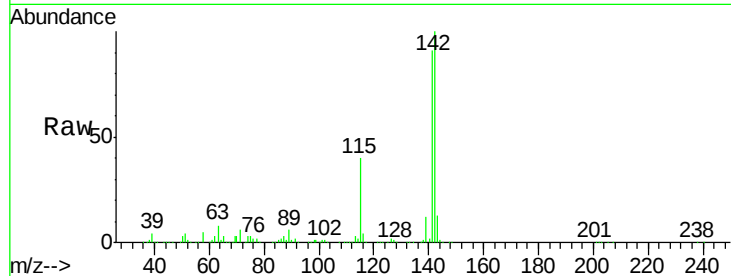




#37
 2-Methylnaphthalene
 Concen: 30.34 ng
 RT: 8.75 min Scan# 592
 Delta R.T. 0.09 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

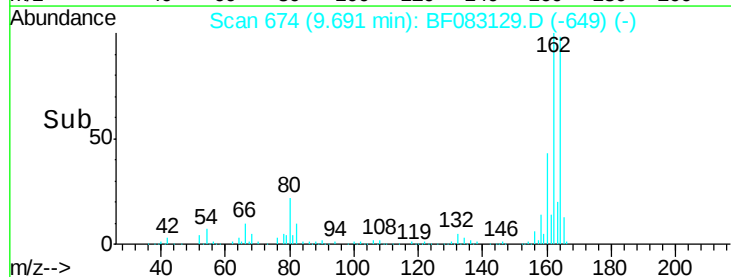
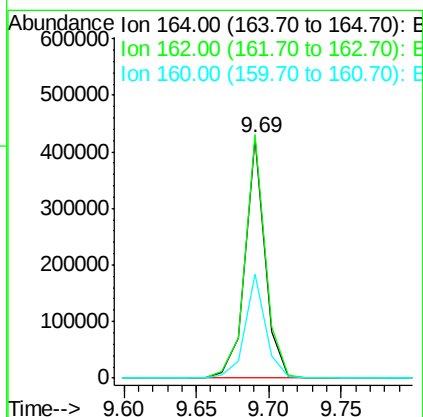
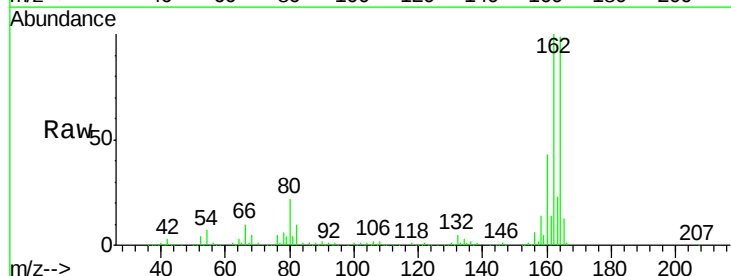
Instrument :
 BNA_F
 ClientSampleID :
 PB86781BS

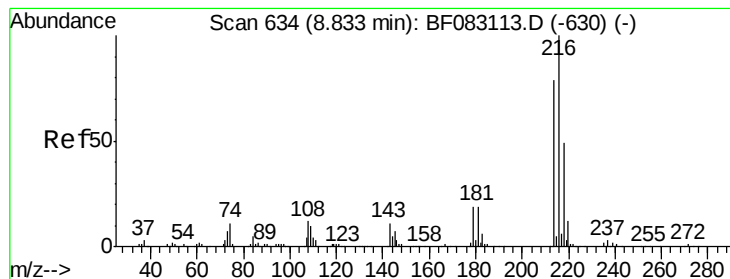
Tgt Ion:142 Resp: 855113
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.3 105.5
 115 39.9 33.4 50.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:164 Resp: 405929
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.2 121.8
 160 43.3 35.6 53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.50 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

Tgt Ion:216 Resp: 414451

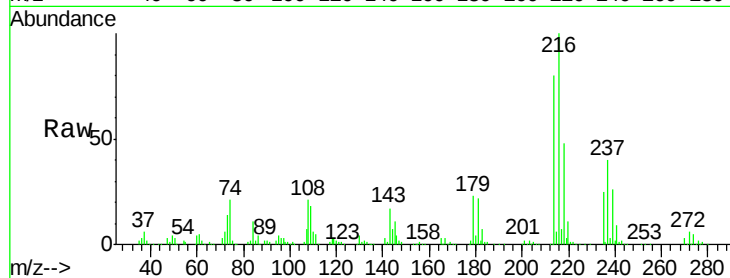
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 22.1 17.0 25.6

108 23.3 15.2 22.8#

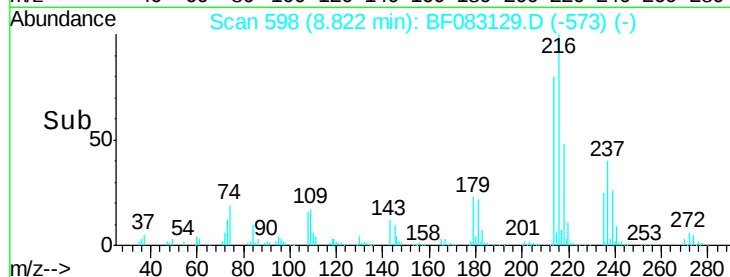


Abundance Ion 216.00 (215.70 to 216.70): E

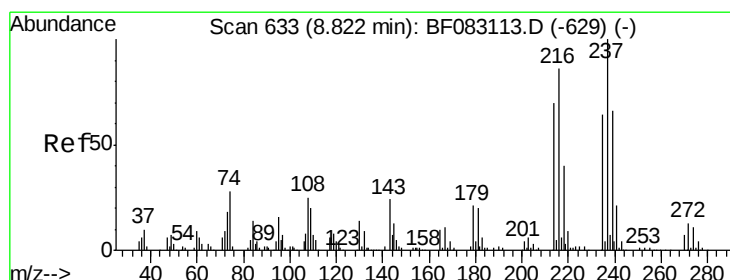
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 63.57 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

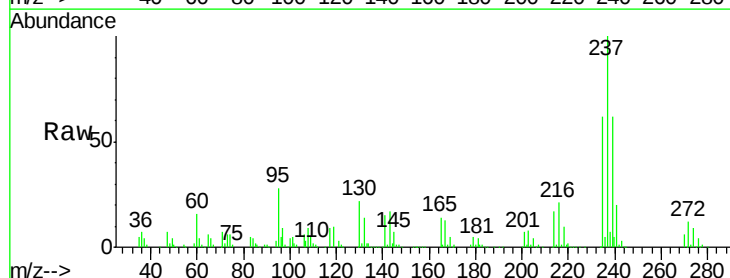
Tgt Ion:237 Resp: 475607

Ion Ratio Lower Upper

237 100

235 62.2 43.5 83.5

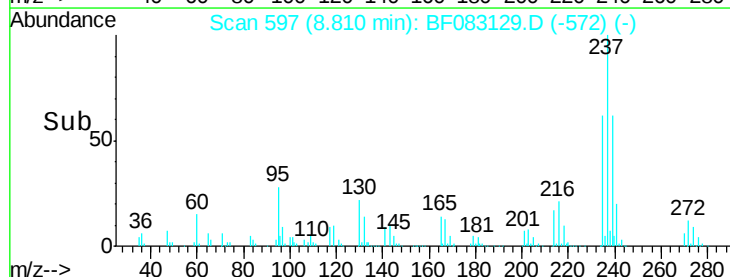
272 11.6 0.0 33.1



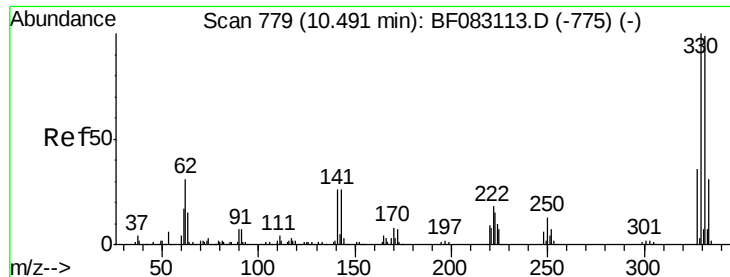
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



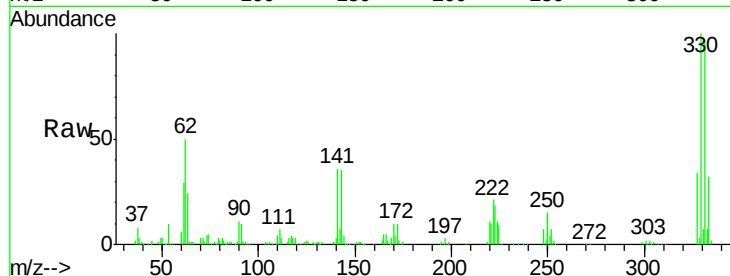
Time-->



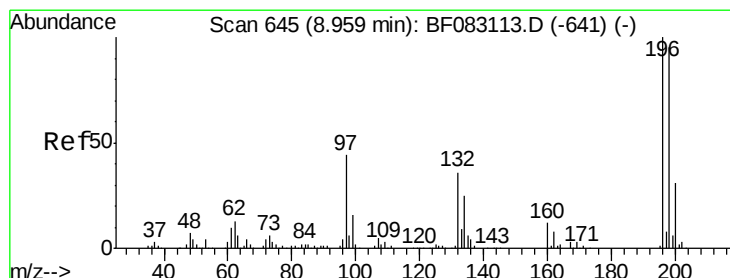
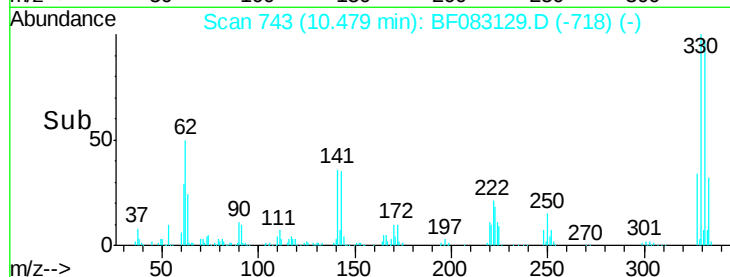
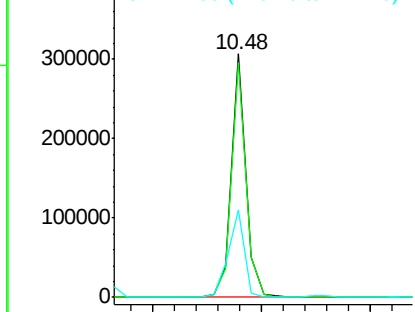
#41
 2,4,6-Tribromophenol
 Concen: 33.72 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	39.9	29.7	44.5

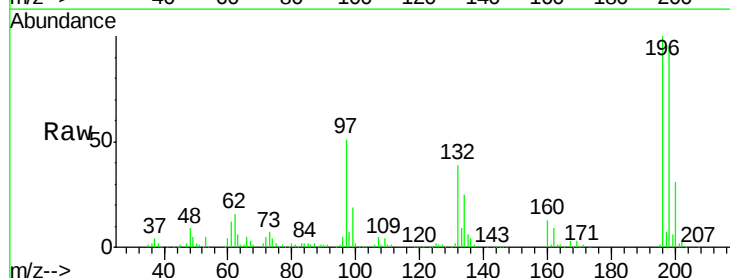


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

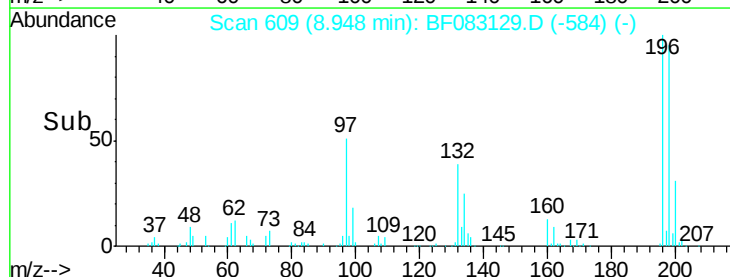
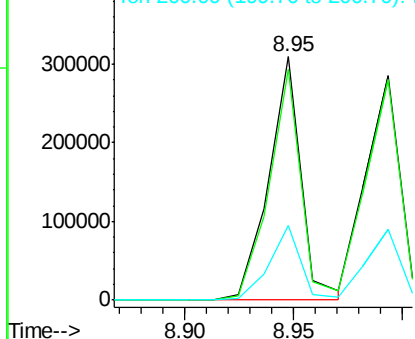


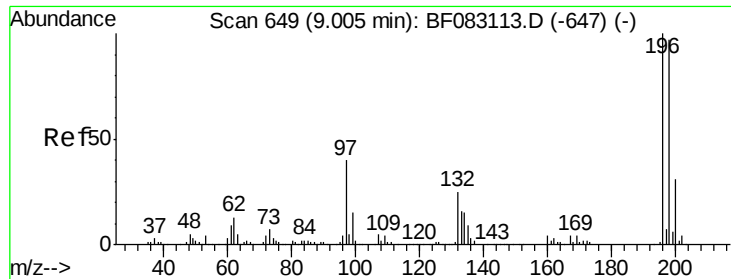
#42
 2,4,6-Trichlorophenol
 Concen: 34.16 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.9	113.9
200	30.8	24.5	36.7



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

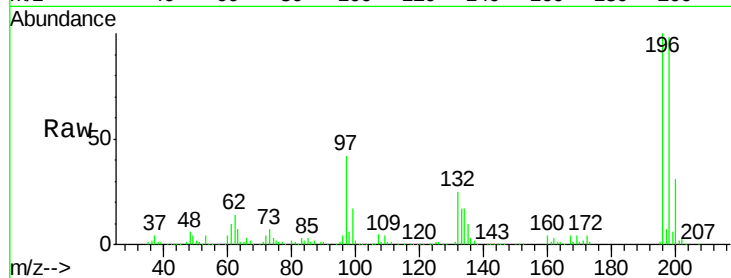




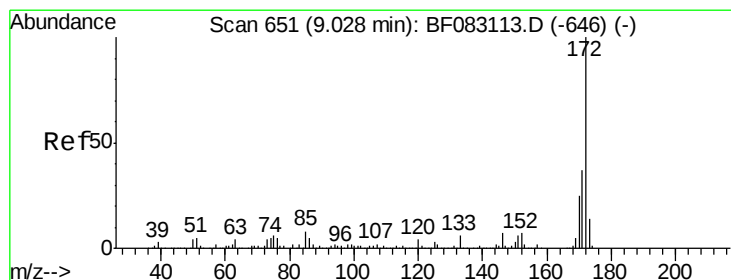
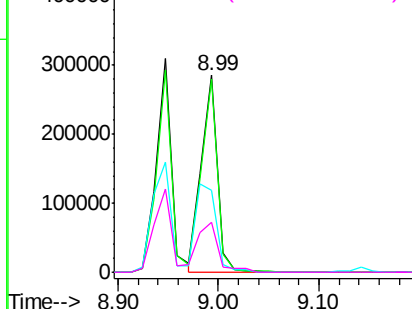
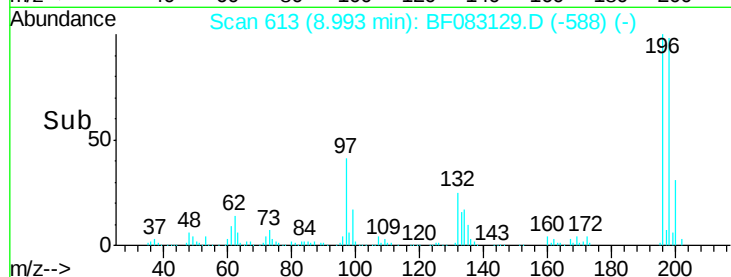
#43
 2,4,5-Trichlorophenol
 Concen: 33.11 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion:196 Resp: 318977
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.6 116.4
 97 41.5 32.6 48.8
 132 25.5 19.8 29.8

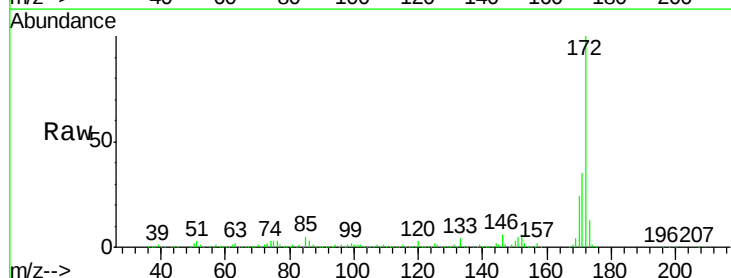


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

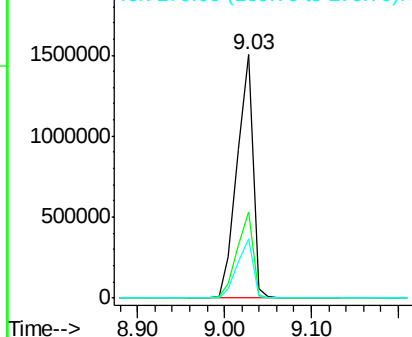
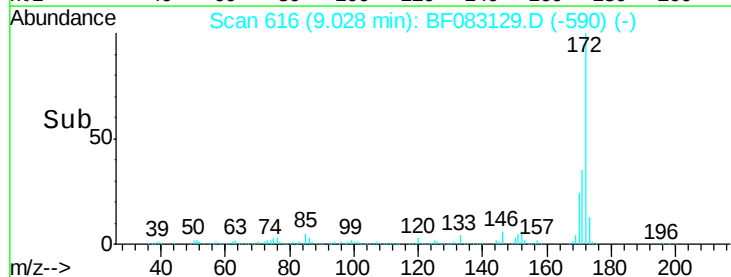


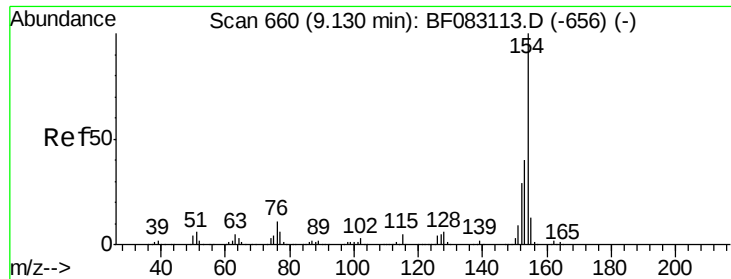
#44
 2-Fluorobiphenyl
 Concen: 32.48 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:172 Resp: 1890987
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.5 44.3
 170 24.1 19.9 29.9



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

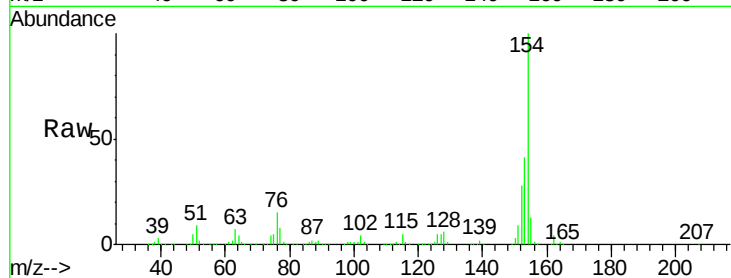




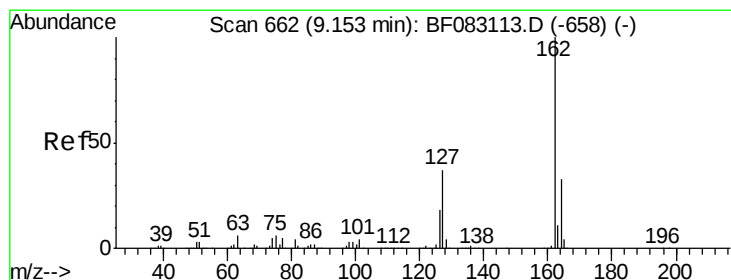
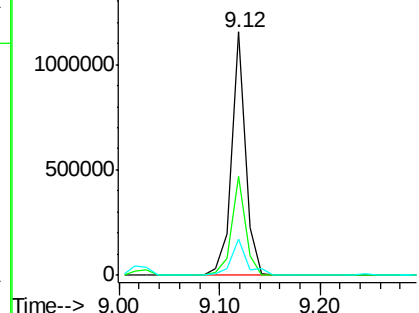
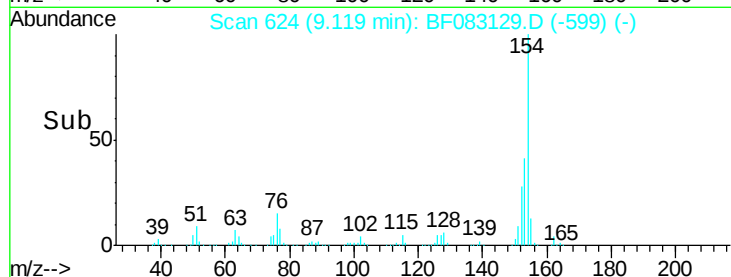
#45
 1,1'-Biphenyl
 Concen: 32.20 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion:154 Resp: 1112460
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.5 60.5
 76 15.0 0.0 31.2

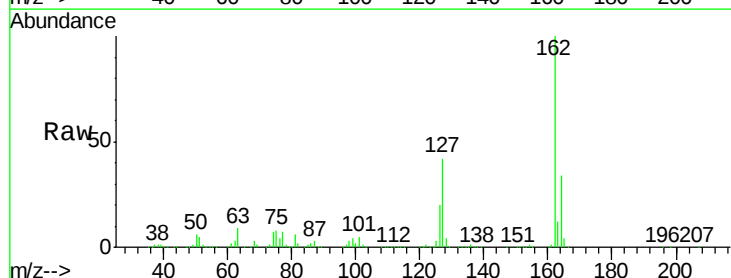


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

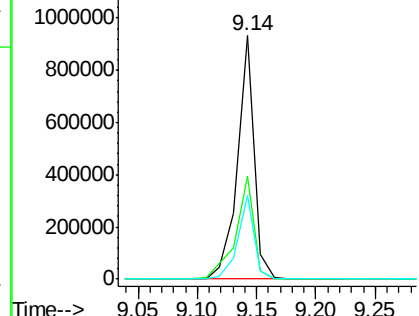
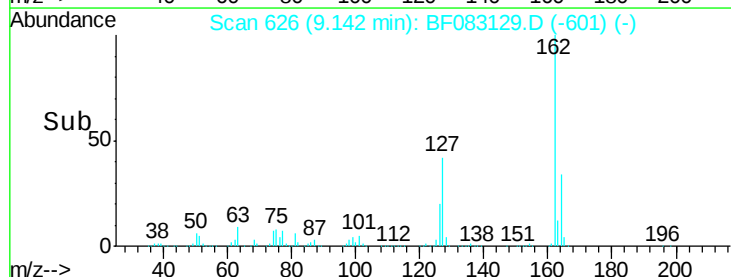


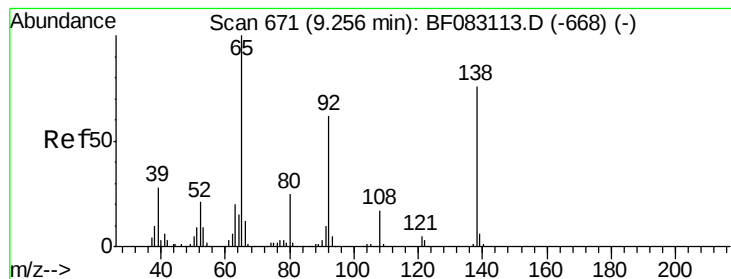
#46
 2-Chloronaphthalene
 Concen: 33.73 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:162 Resp: 915229
 Ion Ratio Lower Upper
 162 100
 127 42.5 29.4 44.2
 164 34.2 26.2 39.4



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: 32.70 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

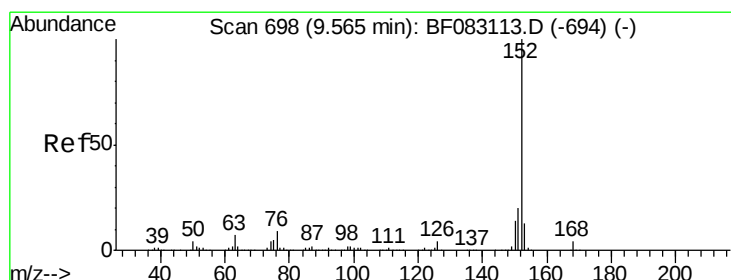
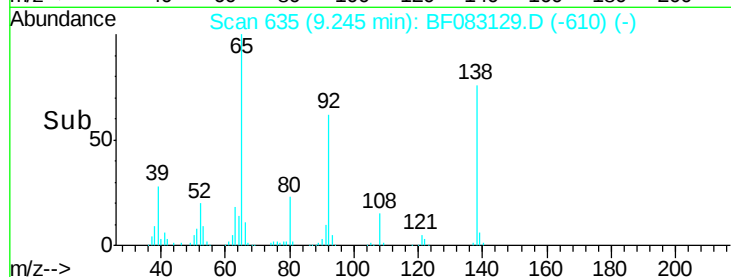
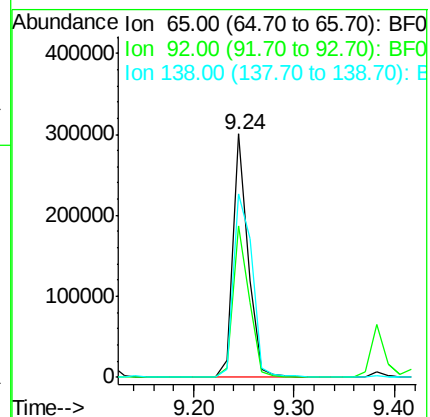
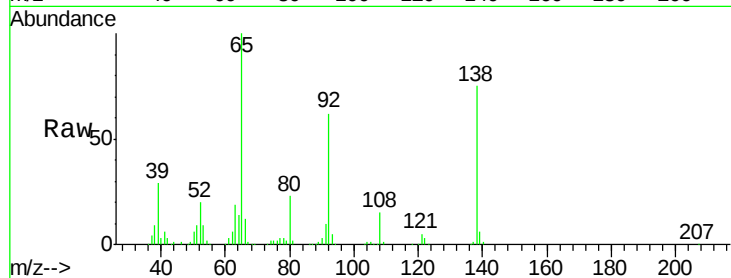
Tgt Ion: 65 Resp: 313912

Ion Ratio Lower Upper

65 100

92 62.0 49.5 74.3

138 75.5 60.7 91.1



#48

Acenaphthylene

Concen: 33.04 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

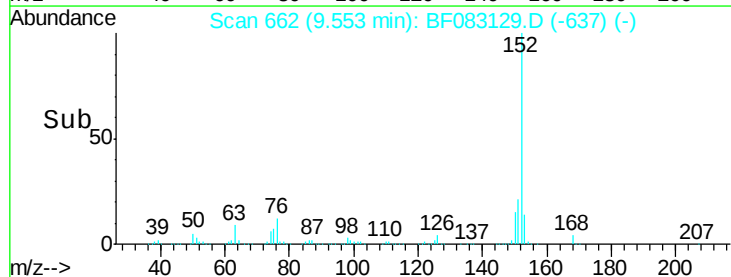
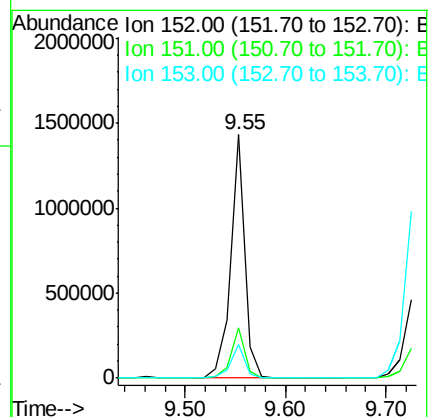
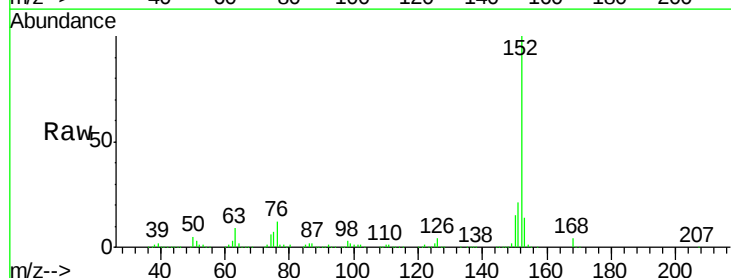
Tgt Ion: 152 Resp: 1389456

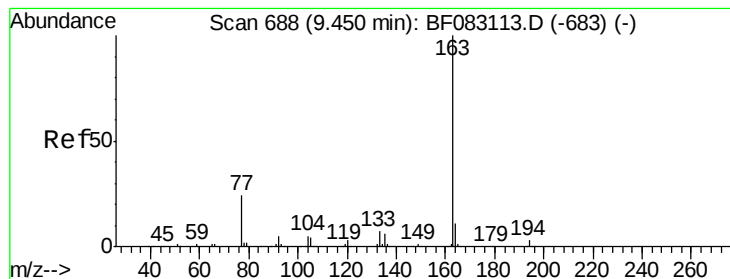
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 35.92 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

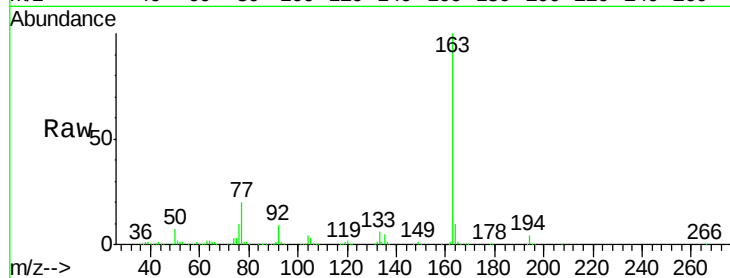
Tgt Ion:163 Resp: 1122451

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

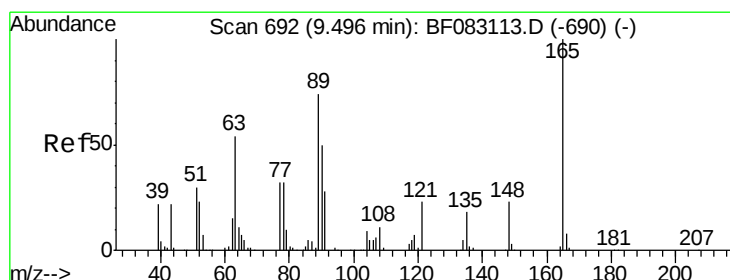
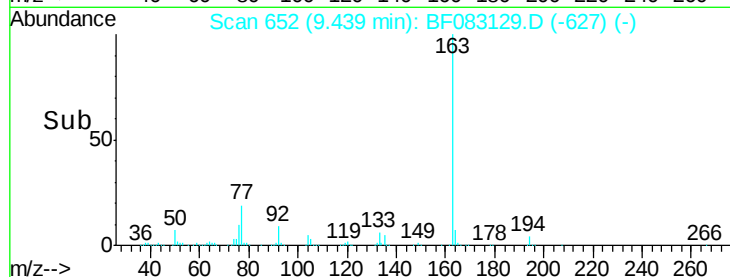
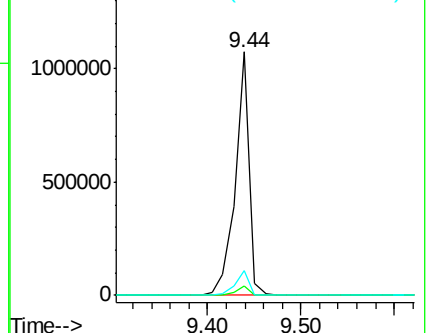
164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.80 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

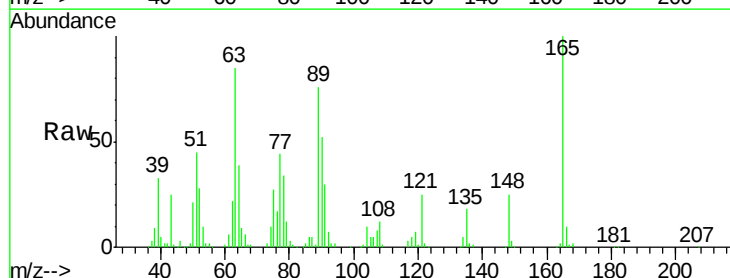
Tgt Ion:165 Resp: 222959

Ion Ratio Lower Upper

165 100

63 85.4 62.5 93.7

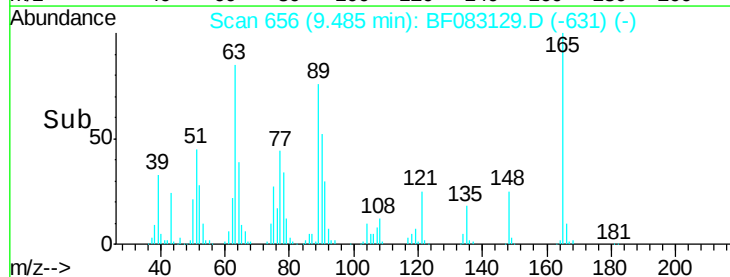
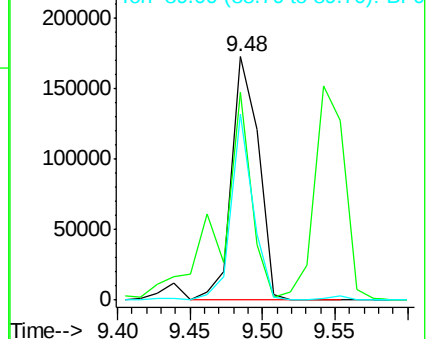
89 76.4 59.1 88.7

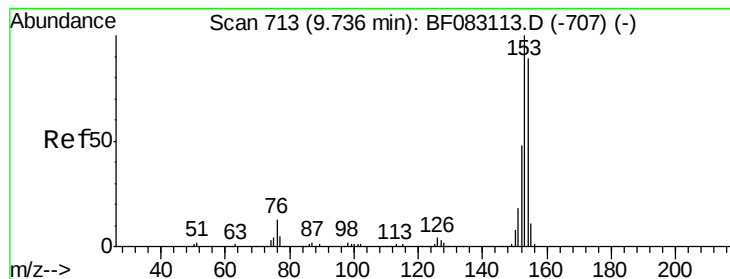


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.08 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

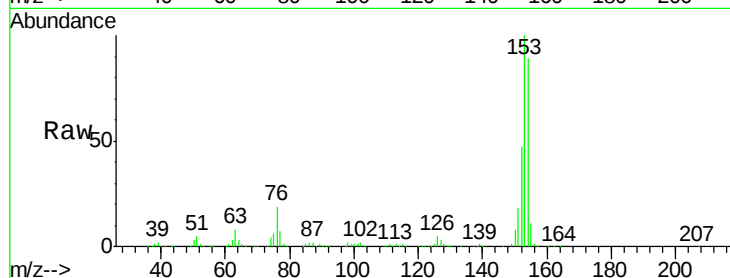
Tgt Ion:154 Resp: 846668

Ion Ratio Lower Upper

154 100

153 111.8 89.6 134.4

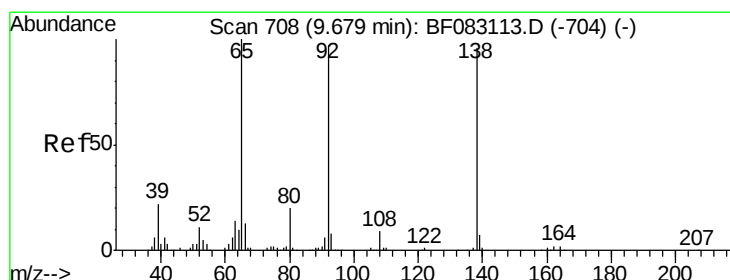
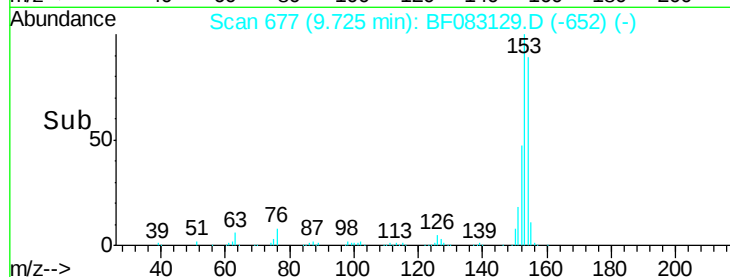
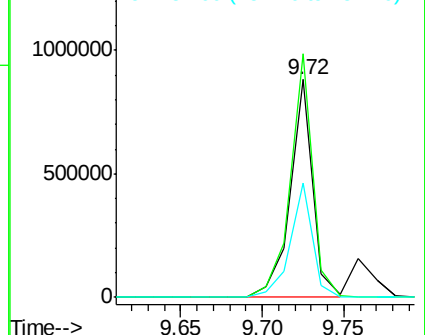
152 52.7 43.3 64.9



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: 18.13 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

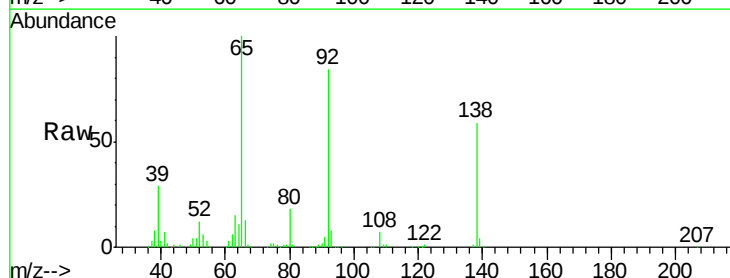
Tgt Ion:138 Resp: 135558

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.6

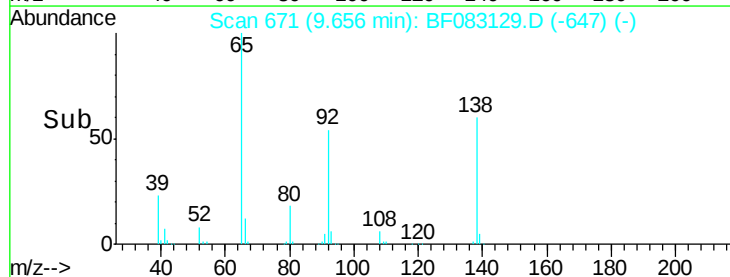
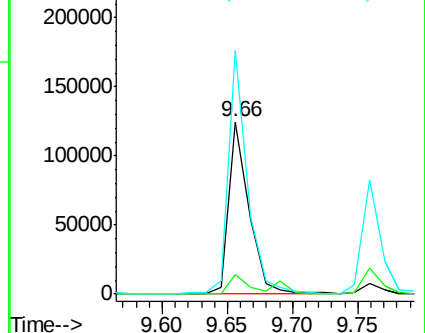
92 141.5 81.1 121.7#

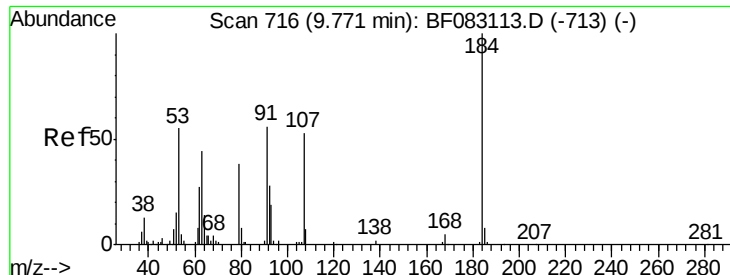


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

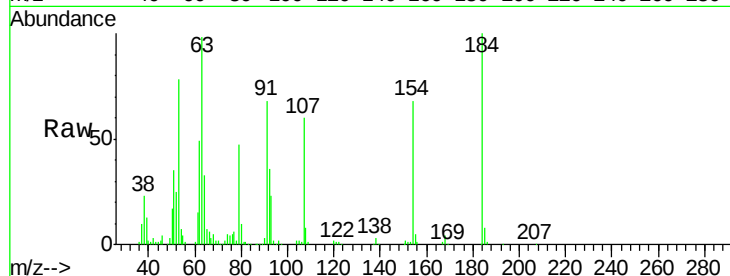




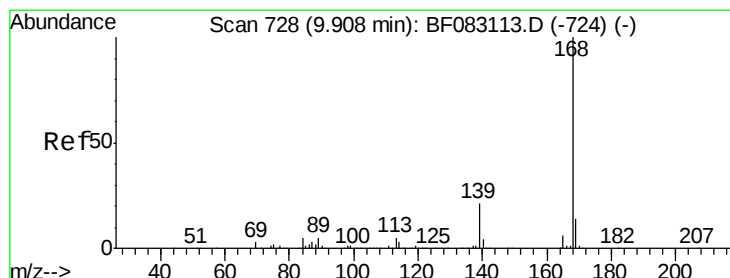
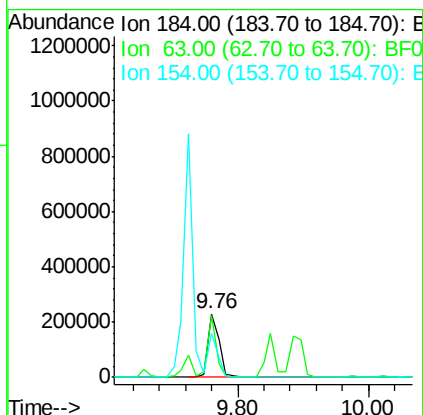
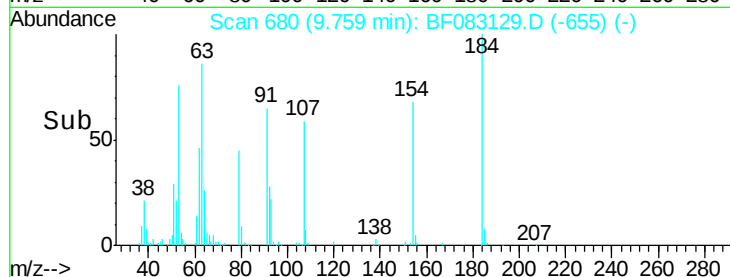
#53
2,4-Dinitrophenol
Concen: 69.37 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:184 Resp: 280269
Ion Ratio Lower Upper
184 100
63 97.9 60.5 90.7#
154 68.3 54.3 81.5

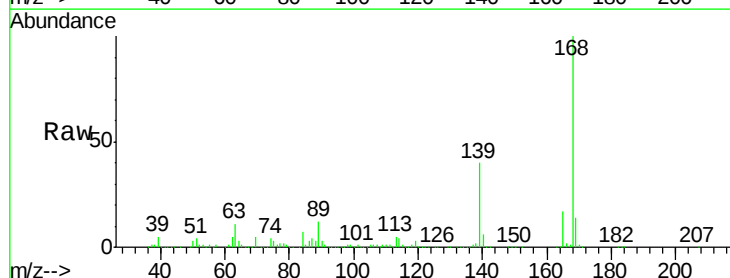


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

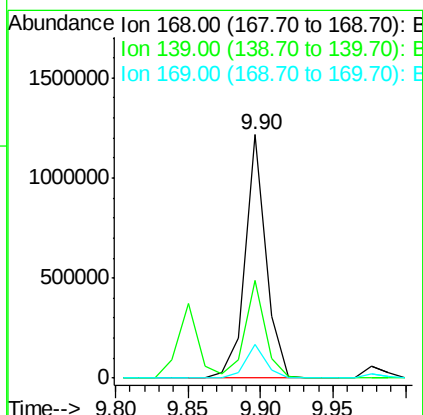
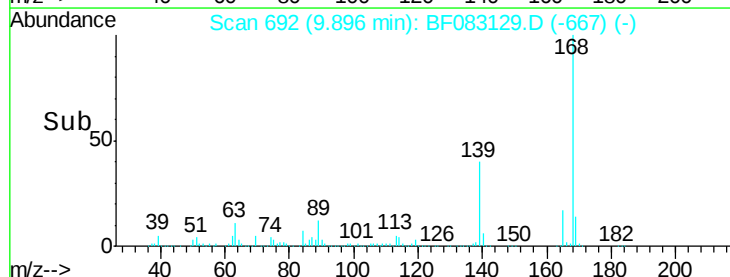


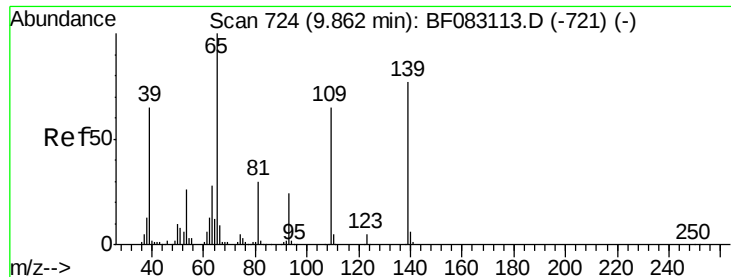
#54
Dibenzofuran
Concen: 33.52 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:168 Resp: 1212974
Ion Ratio Lower Upper
168 100
139 40.2 30.2 45.2
169 14.1 10.9 16.3



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

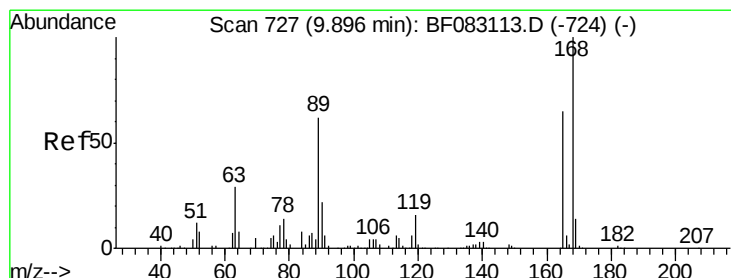
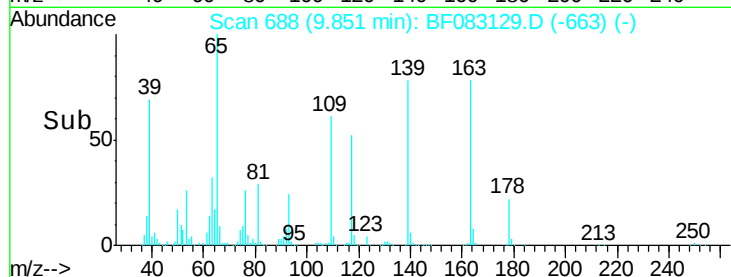
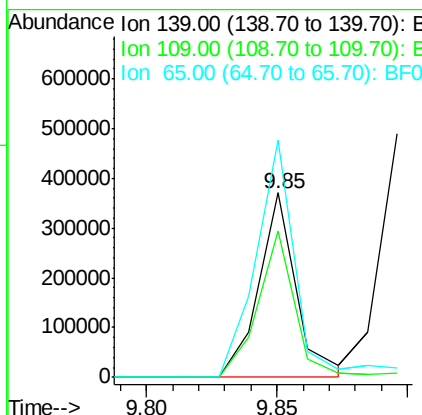
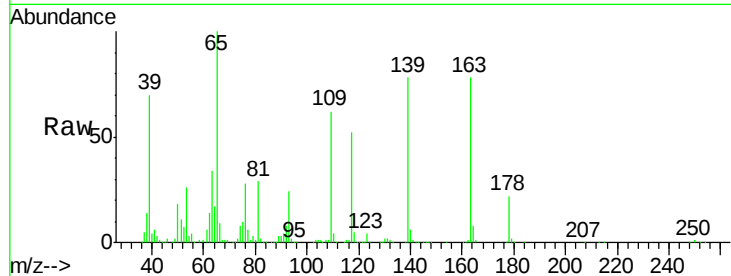




#55
4-Nitrophenol
Concen: 64.93 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

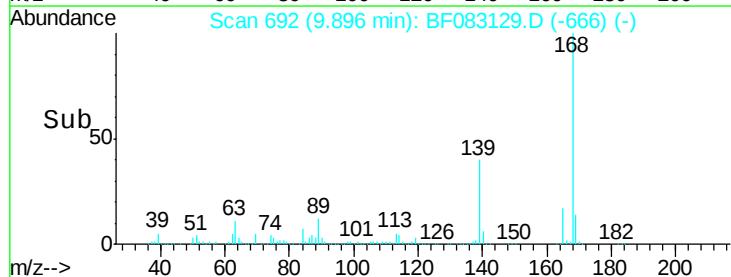
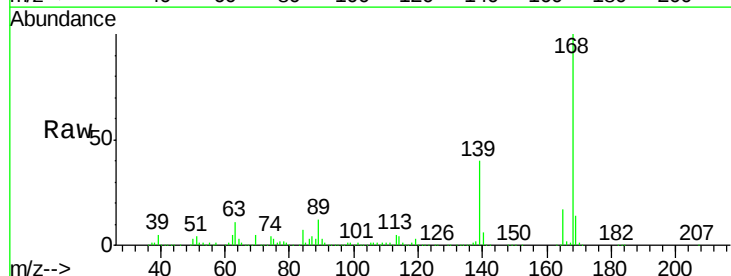
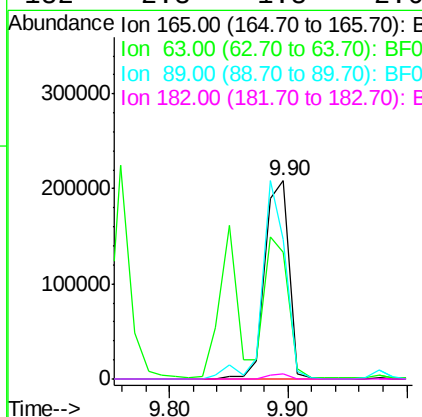
Instrument :
BNA_F
ClientSampleId :
PB86781BS

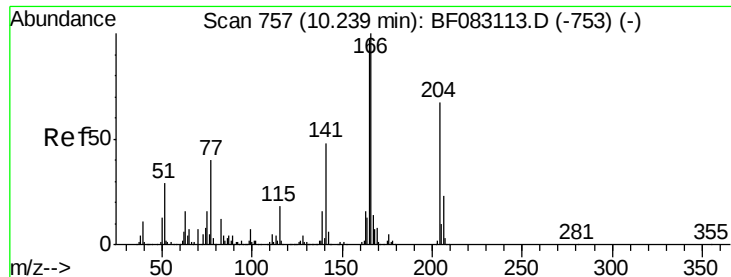
Tgt Ion:139 Resp: 372269
Ion Ratio Lower Upper
139 100
109 79.0 64.0 104.0
65 128.5 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 33.23 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:165 Resp: 295274
Ion Ratio Lower Upper
165 100
63 64.2 54.5 81.7
89 70.8 77.3 115.9#
182 2.3 1.8 2.6

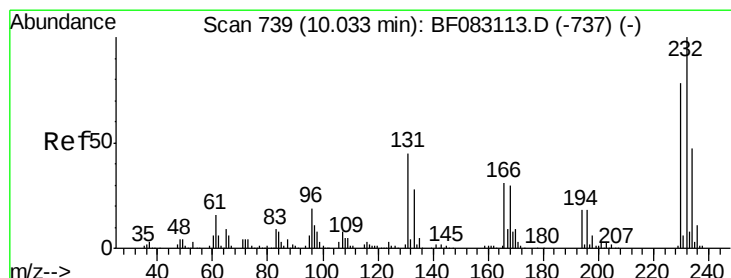
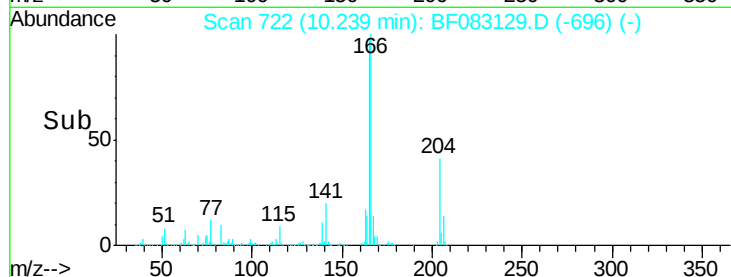
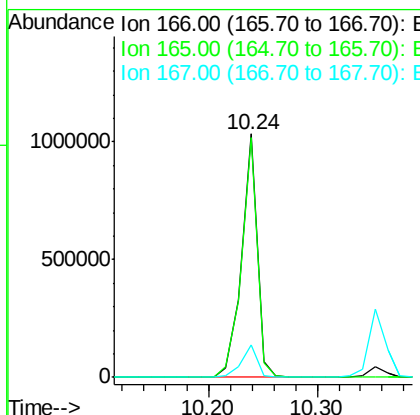
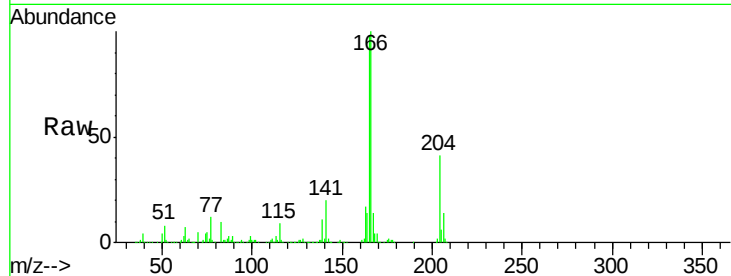




#57
 Fluorene
 Concen: 33.89 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

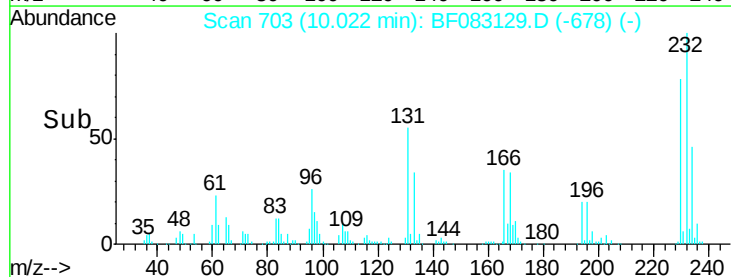
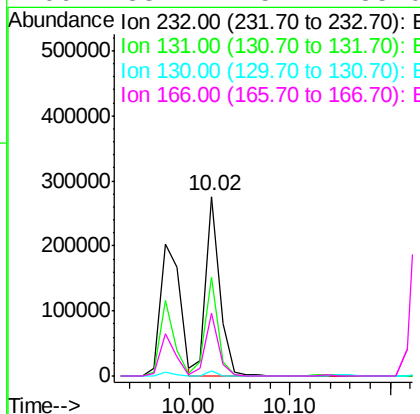
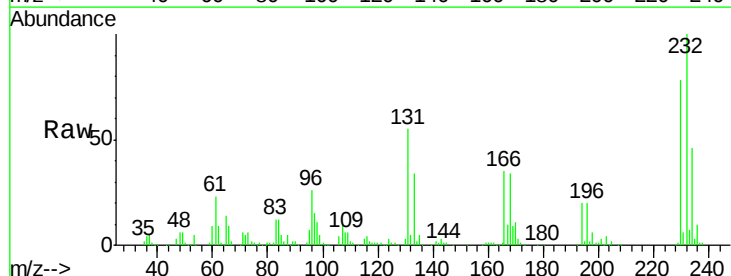
Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

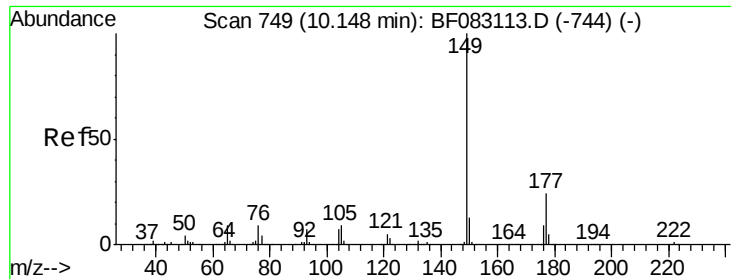
Tgt Ion:166 Resp: 1013505
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.0 117.0
 167 13.5 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.94 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:232 Resp: 268229
 Ion Ratio Lower Upper
 232 100
 131 50.6 38.6 57.8
 130 2.4 1.9 2.9
 166 33.2 25.4 38.0

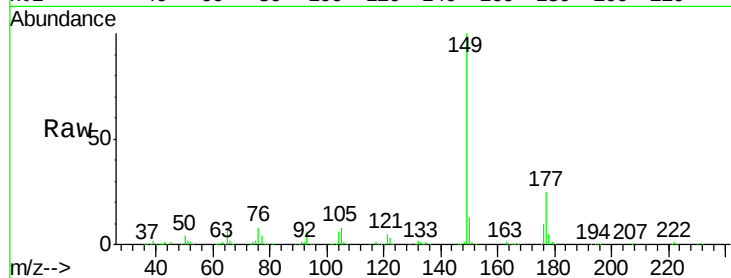




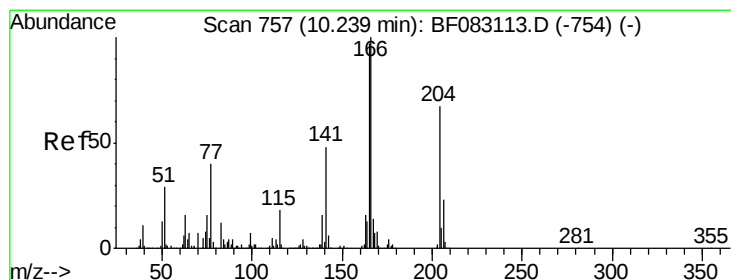
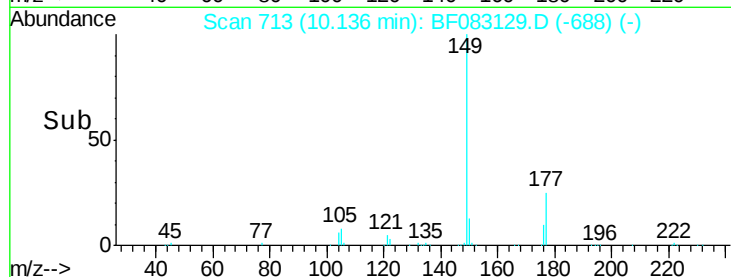
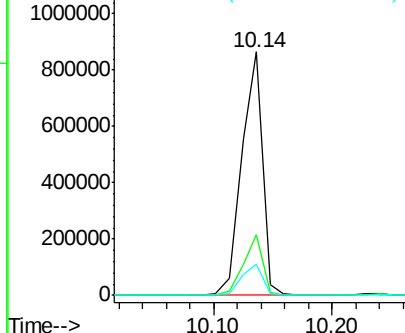
#59
Diethylphthalate
Concen: 33.82 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:149 Resp: 1052123
Ion Ratio Lower Upper
149 100
177 24.8 19.4 29.2
150 12.7 10.2 15.2

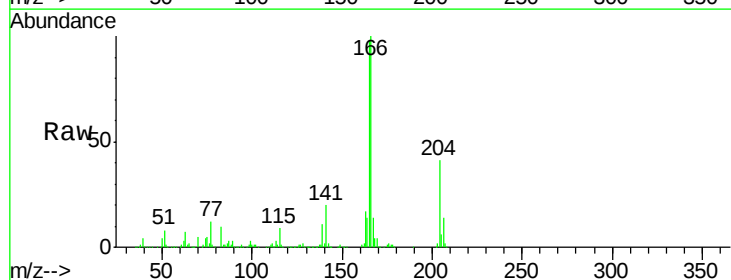


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

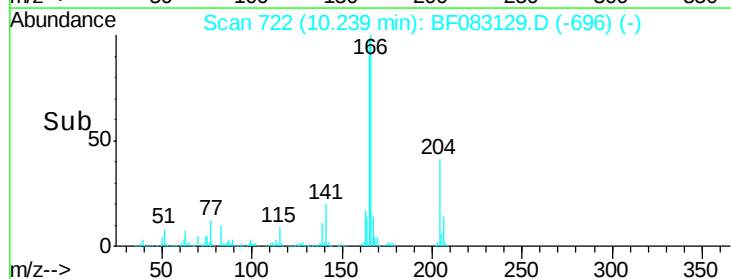
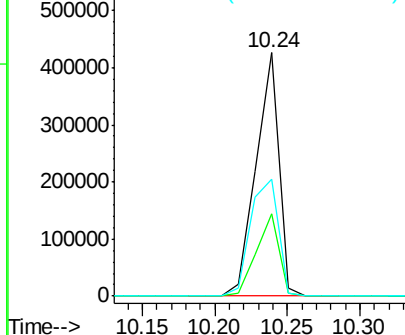


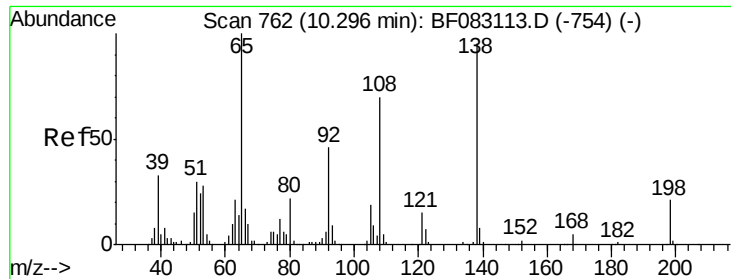
#60
4-Chlorophenyl-phenylether
Concen: 34.01 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:204 Resp: 465925
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.0
141 47.9 57.4 86.2#



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

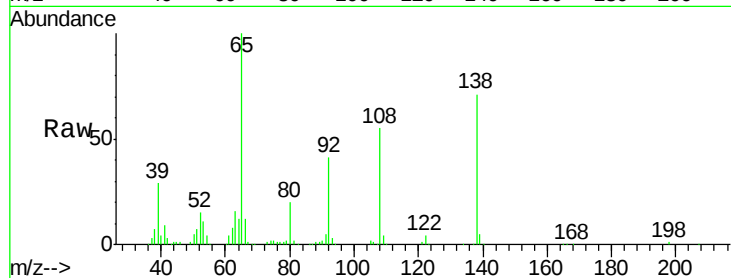




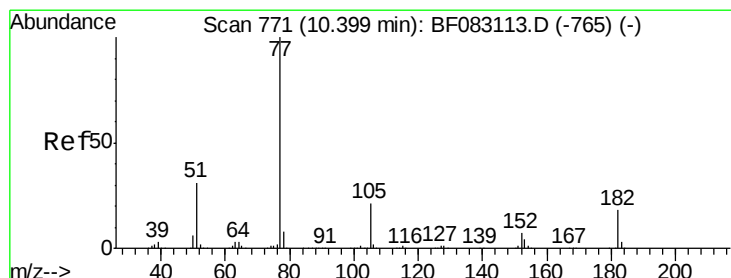
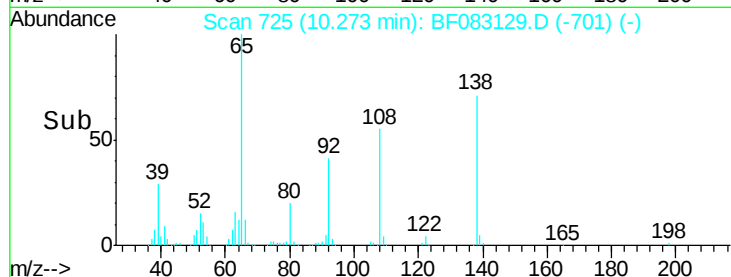
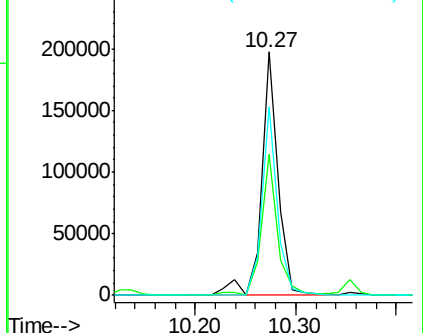
#61
4-Nitroaniline
Concen: 30.71 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:138 Resp: 226019
Ion Ratio Lower Upper
138 100
92 58.1 28.4 68.4
108 77.5 53.5 93.5

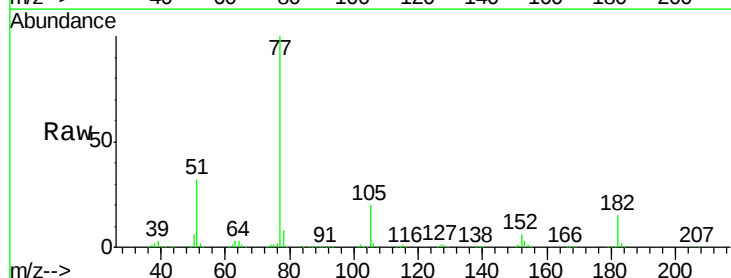


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

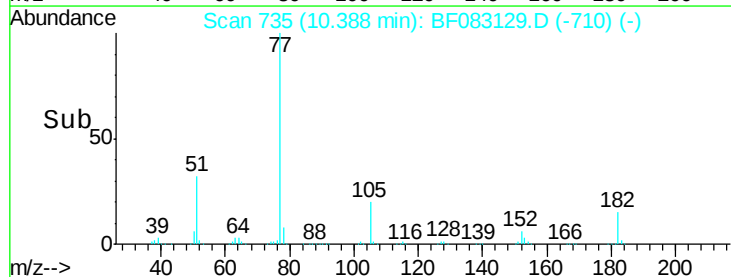
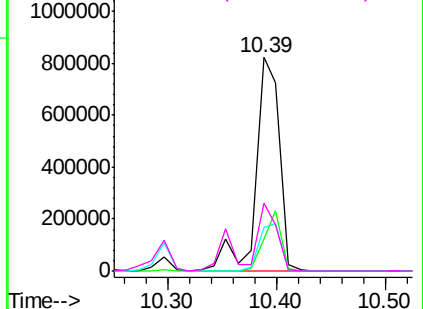


#62
Azobenzene
Concen: 35.26 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion: 77 Resp: 1251855
Ion Ratio Lower Upper
77 100
182 15.2 0.0 38.3
105 20.1 1.2 41.2
51 31.9 11.1 51.1



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

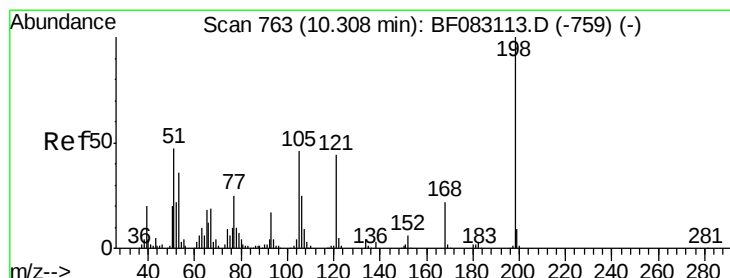
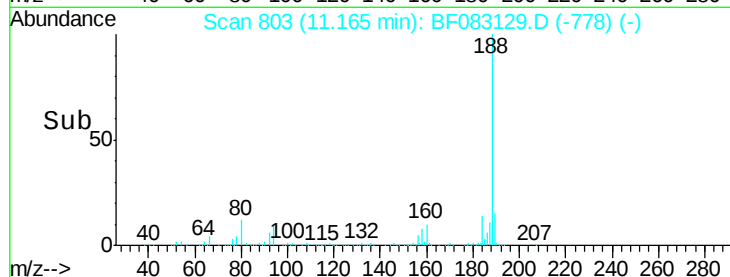
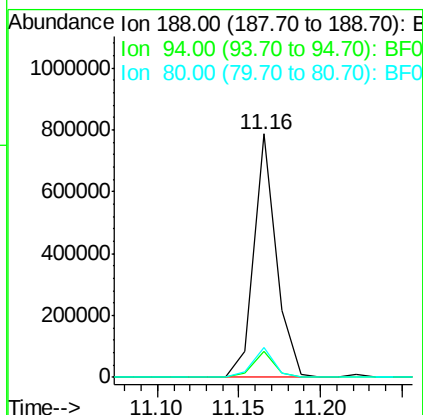
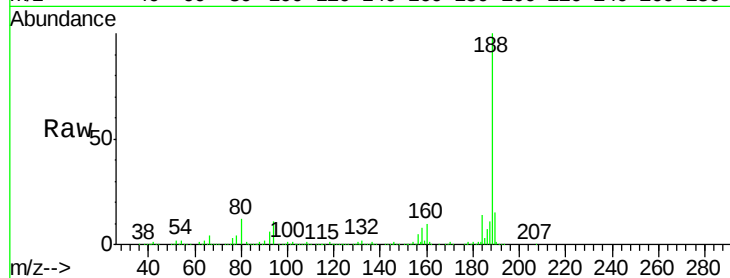




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

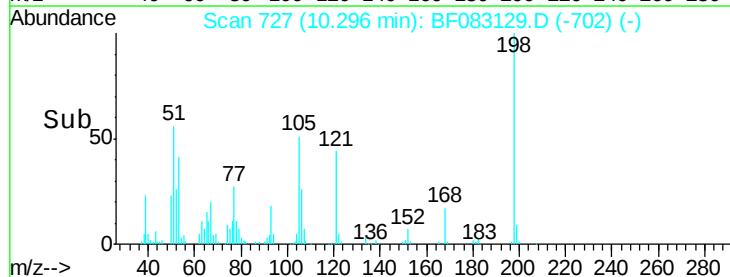
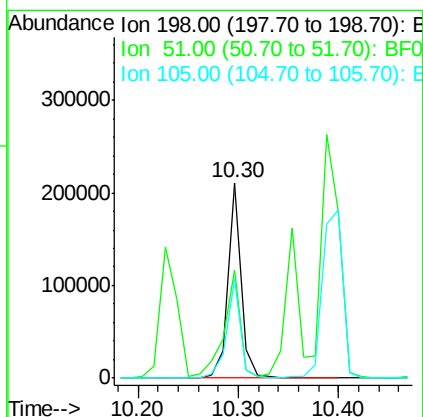
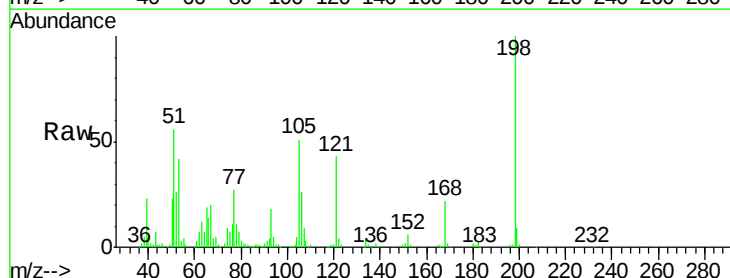
Instrument :
BNA_F
ClientSampleId :
PB86781BS

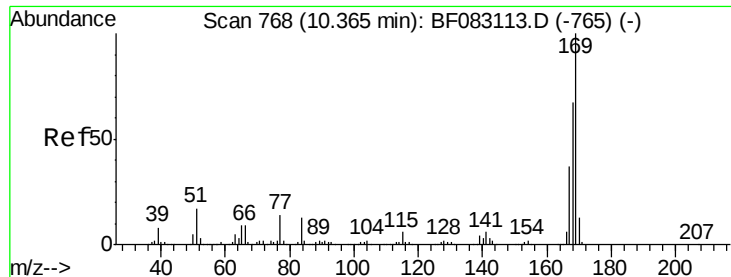
Tgt Ion:188 Resp: 754784
Ion Ratio Lower Upper
188 100
94 10.7 6.0 9.0#
80 12.1 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.89 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:198 Resp: 191850
Ion Ratio Lower Upper
198 100
51 55.6 27.0 67.0
105 50.5 26.1 66.1

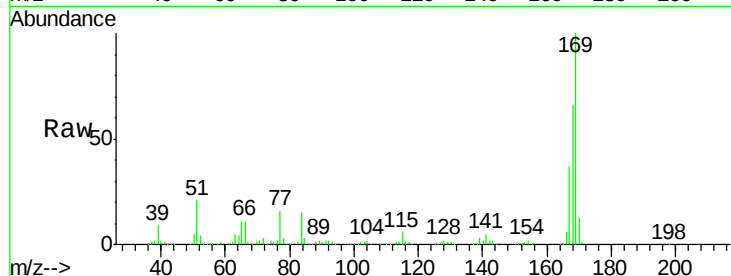




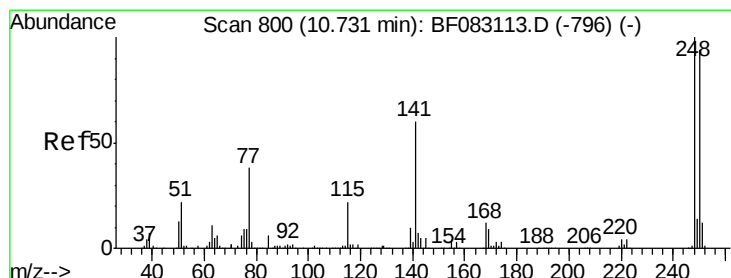
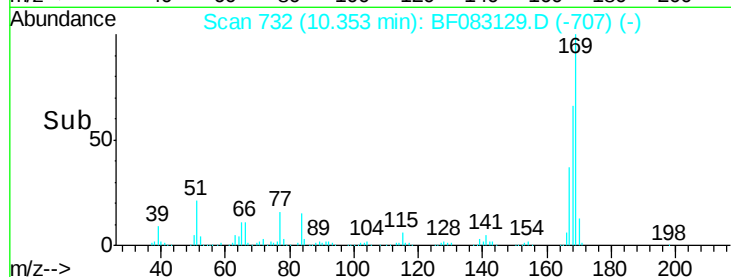
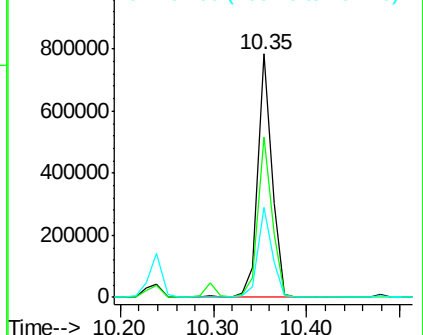
#65
 n-Nitrosodiphenylamine
 Concen: 32.47 ng
 RT: 10.35 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion:169 Resp: 833470
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.8 80.6
 167 37.0 29.8 44.8

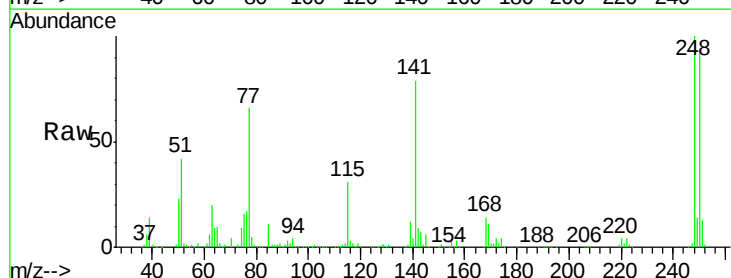


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

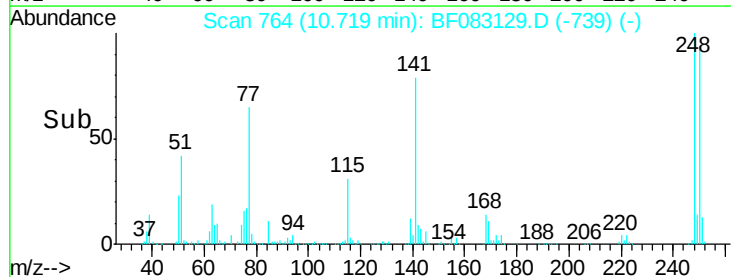
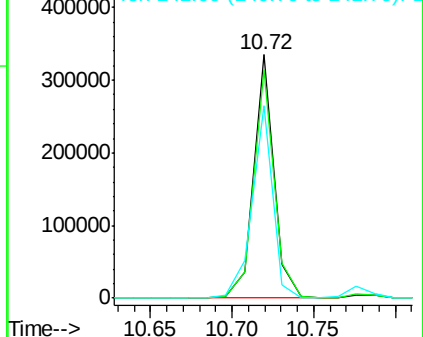


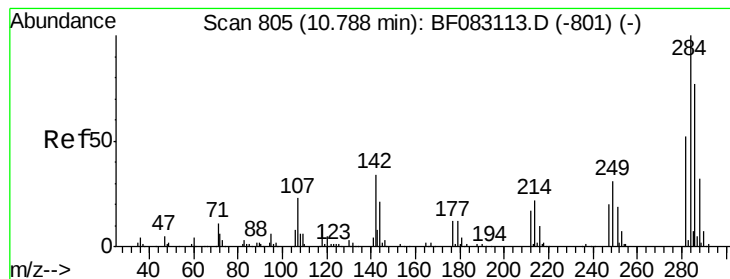
#66
 4-Bromophenyl-phenylether
 Concen: 34.72 ng
 RT: 10.72 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:248 Resp: 290762
 Ion Ratio Lower Upper
 248 100
 250 93.8 75.4 113.2
 141 78.8 48.1 72.1#



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: 34.29 ng

RT: 10.79 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

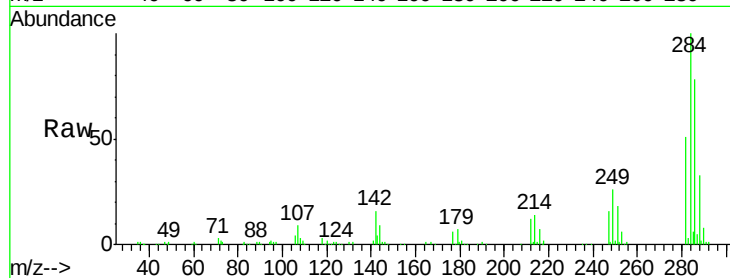
Tgt Ion:284 Resp: 316248

Ion Ratio Lower Upper

284 100

142 16.5 27.6 41.4#

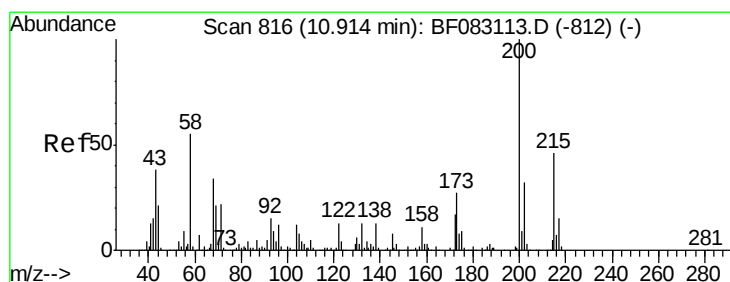
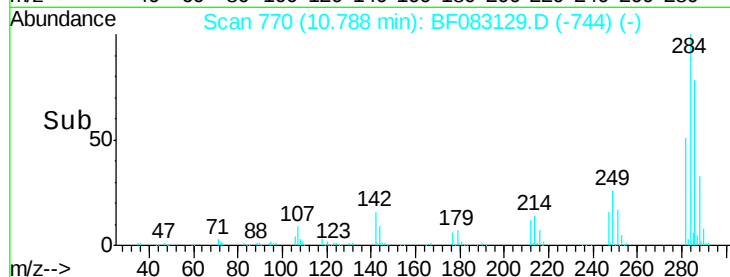
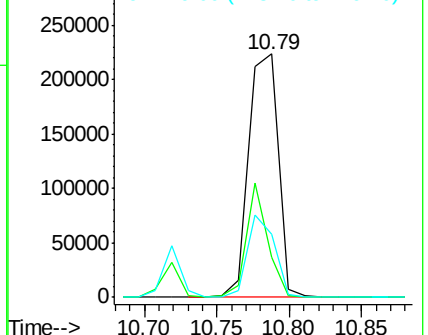
249 25.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.55 ng

RT: 10.89 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

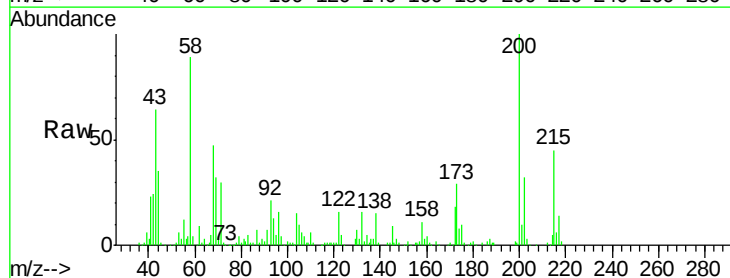
Tgt Ion:200 Resp: 272437

Ion Ratio Lower Upper

200 100

173 28.5 7.2 47.2

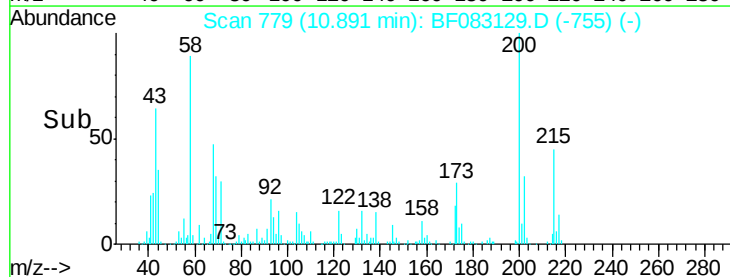
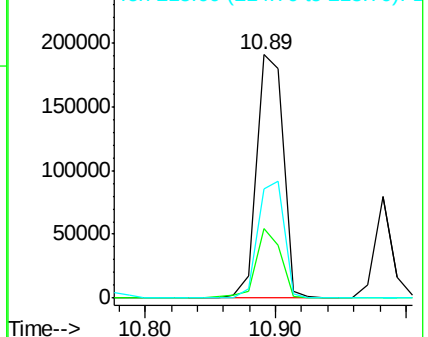
215 45.0 25.7 65.7

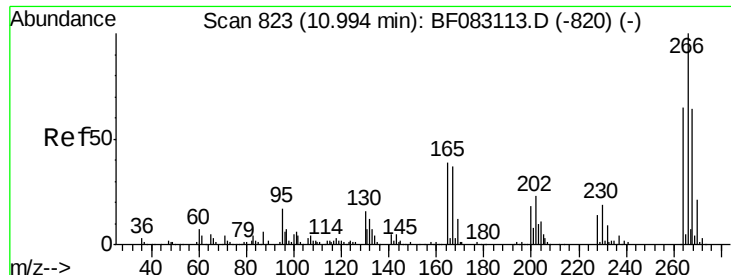


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

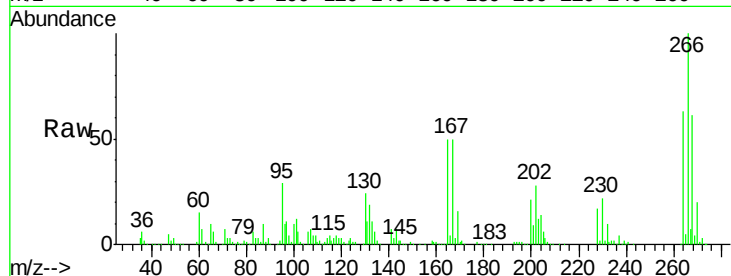




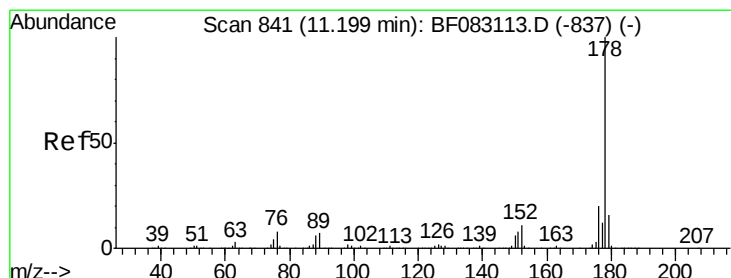
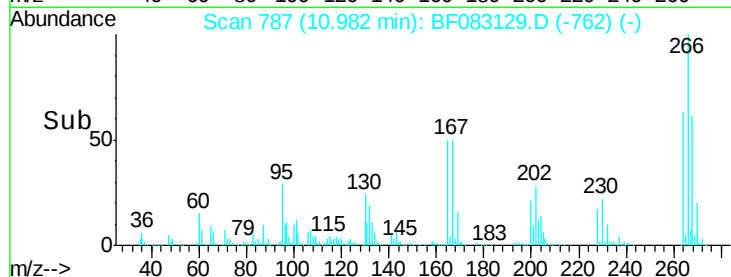
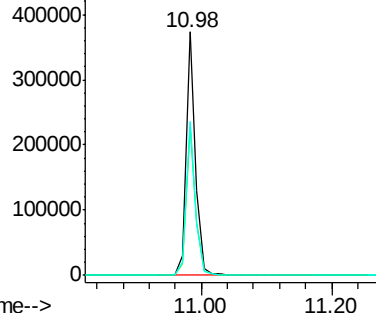
#69
 Pentachlorophenol
 Concen: 63.68 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

Tgt Ion: 266 Resp: 382562
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.4 77.0
 264 63.3 51.7 77.5

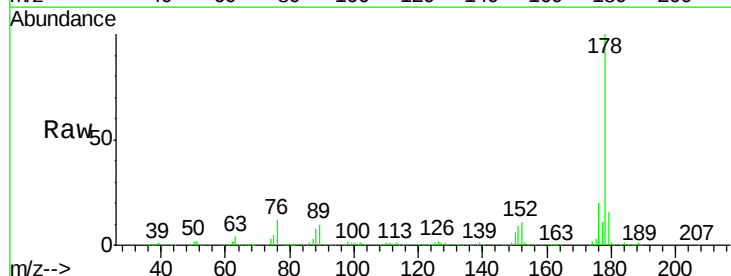


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

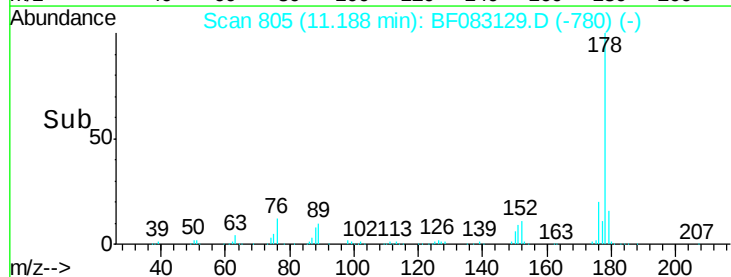
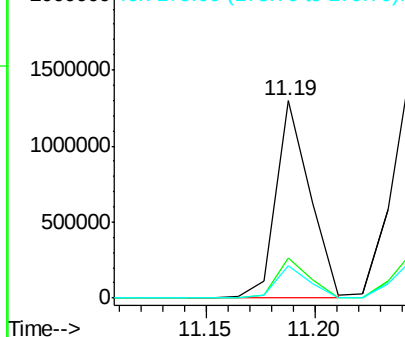


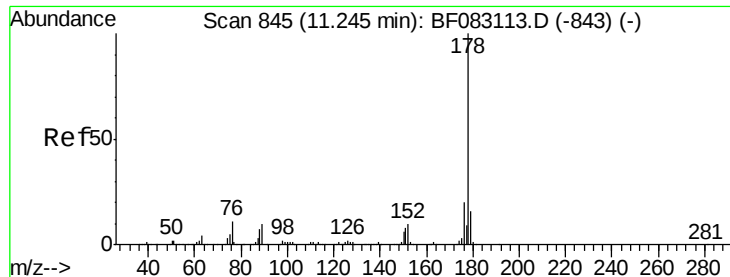
#70
 Phenanthrene
 Concen: 32.56 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion: 178 Resp: 1415932
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.2
 179 16.3 12.8 19.2



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

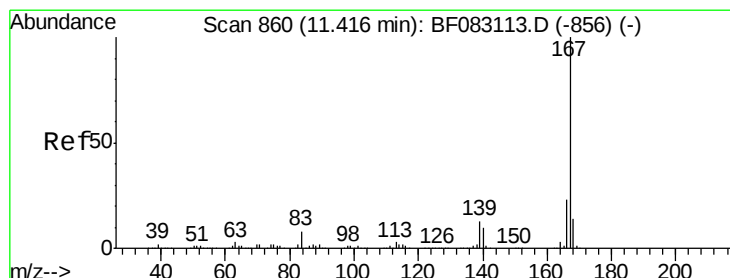
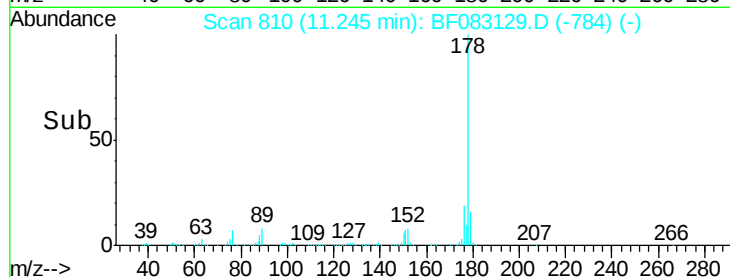
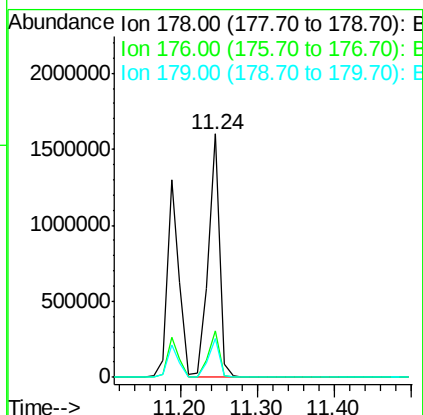
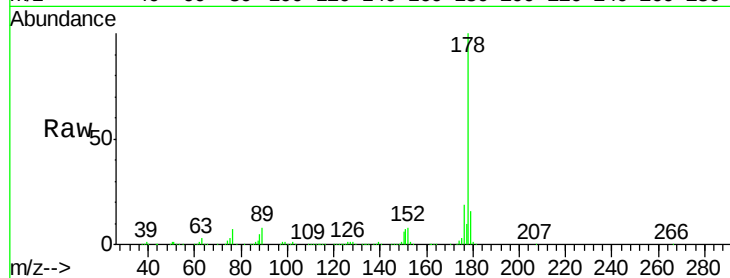




#71
 Anthracene
 Concen: 35.93 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

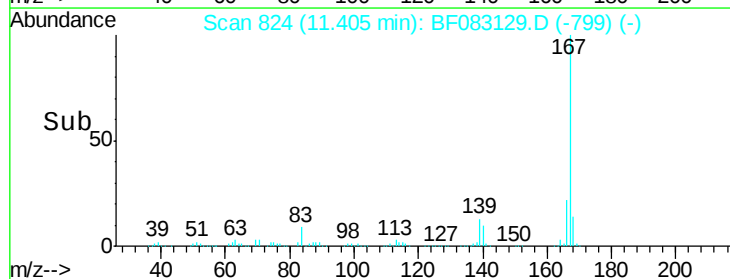
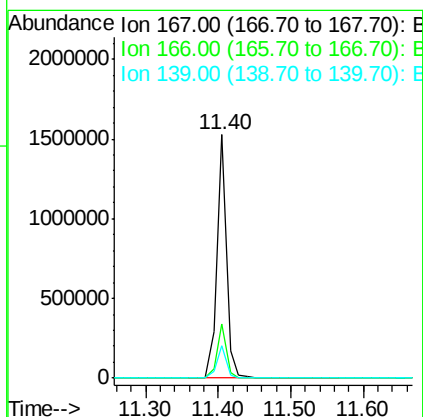
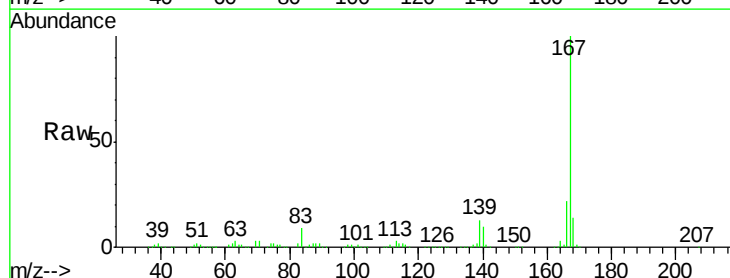
Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

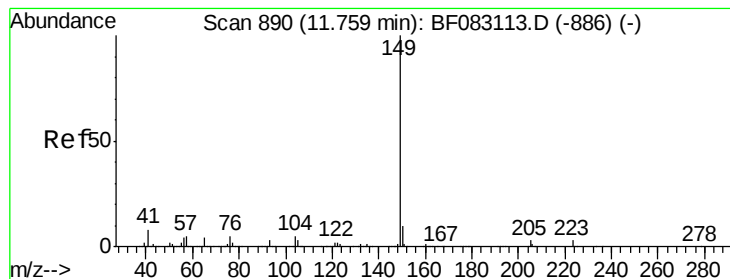
Tgt Ion:178 Resp: 1593911
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 35.21 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:167 Resp: 1388557
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.5 10.5 15.7





#73

Di-n-butylphthalate

Concen: 34.72 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

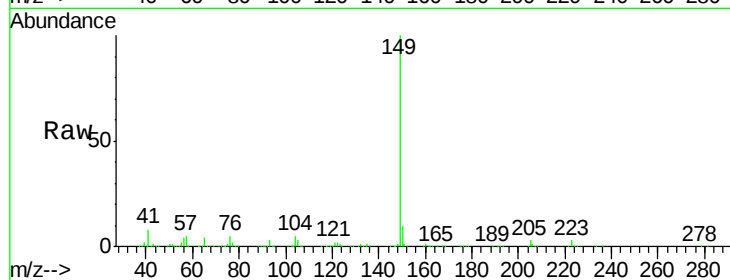
Tgt Ion:149 Resp: 1671148

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

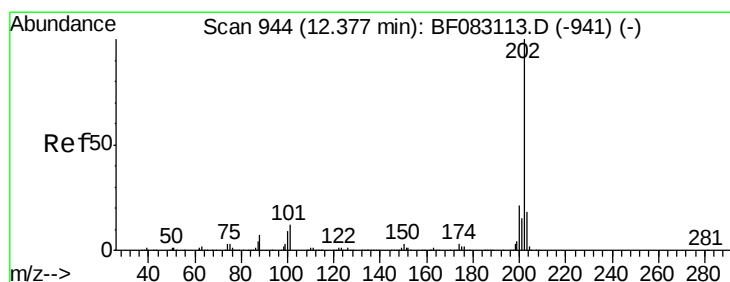
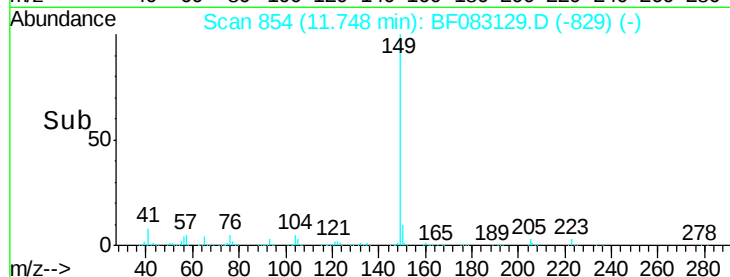
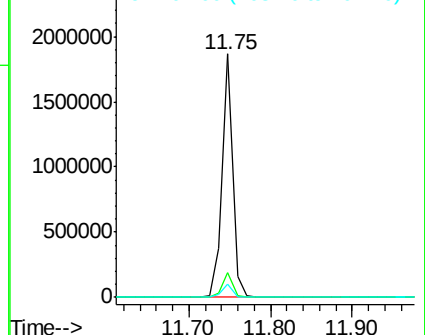
104 5.2 4.4 6.6



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: 36.03 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

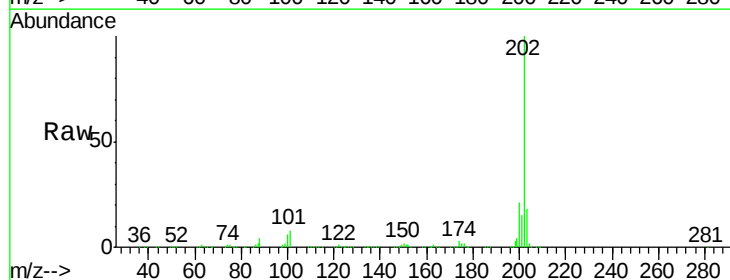
Tgt Ion:202 Resp: 1603614

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.3

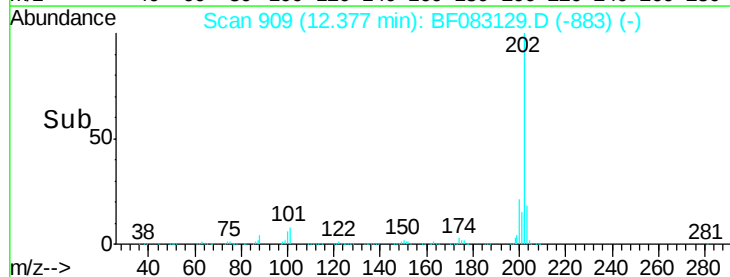
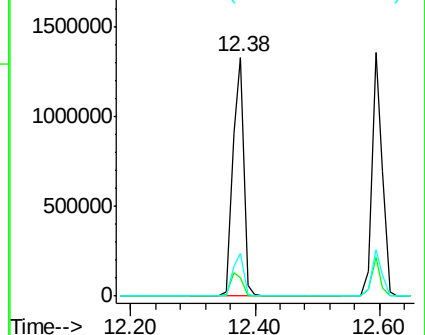
203 17.8 0.0 38.4

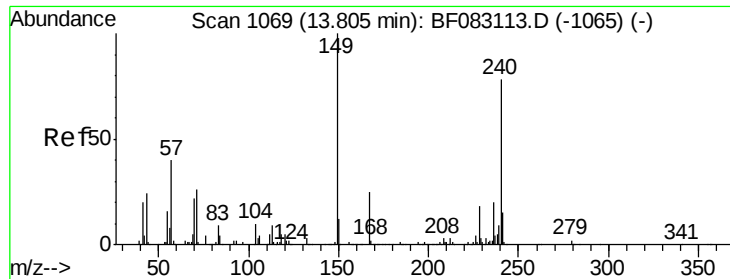


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

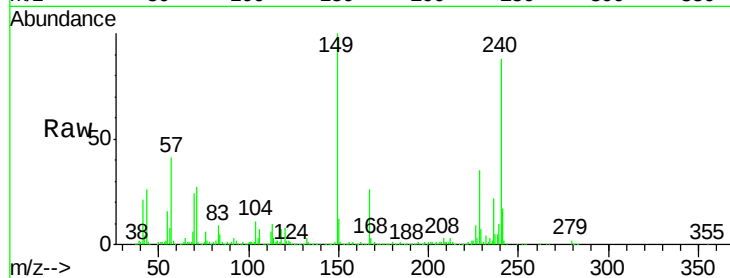




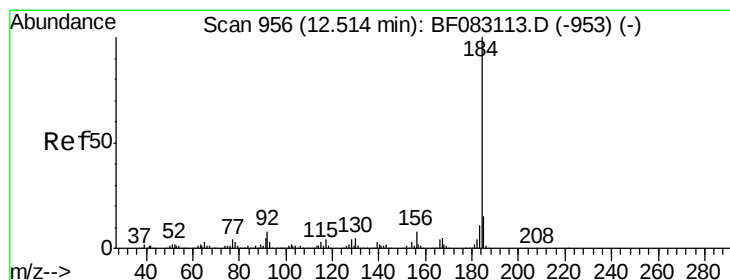
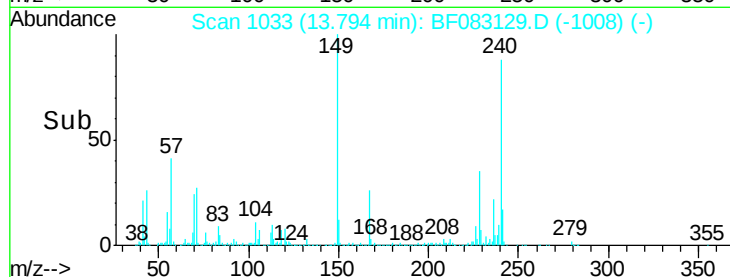
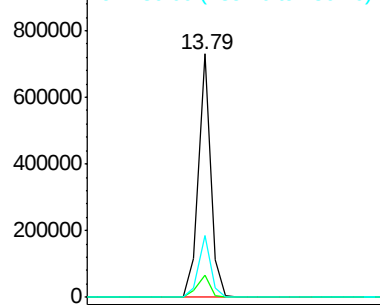
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion:240 Resp: 666426
Ion Ratio Lower Upper
240 100
120 9.2 5.4 8.2#
236 25.3 20.6 31.0

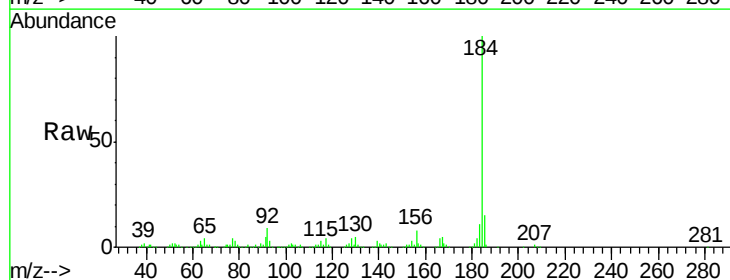


Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

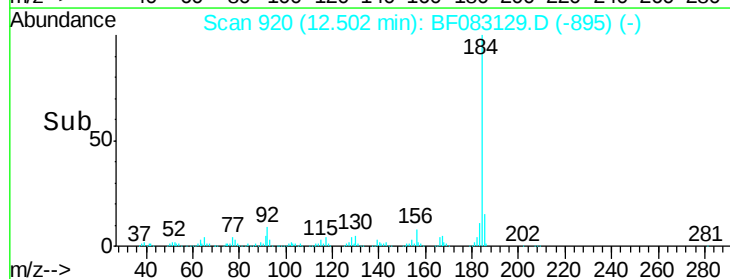
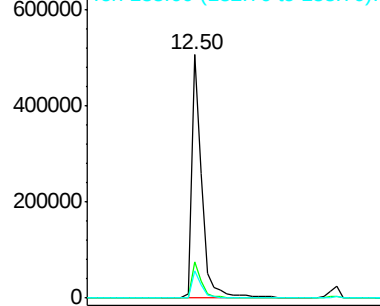


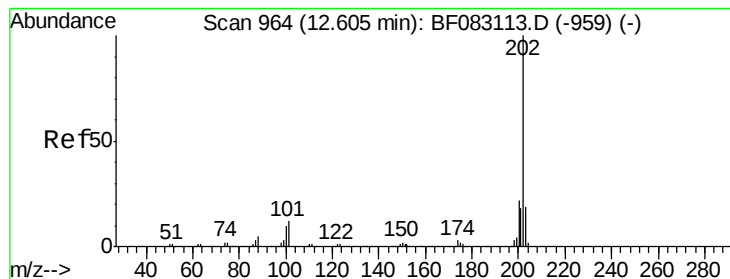
#76
Benzidine
Concen: 36.00 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:184 Resp: 628785
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.1 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E
600000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.50 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

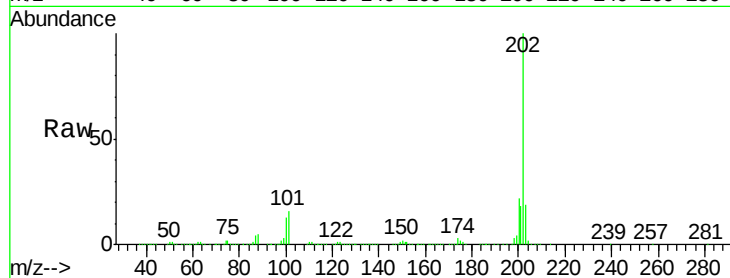
Tgt Ion:202 Resp: 1525069

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

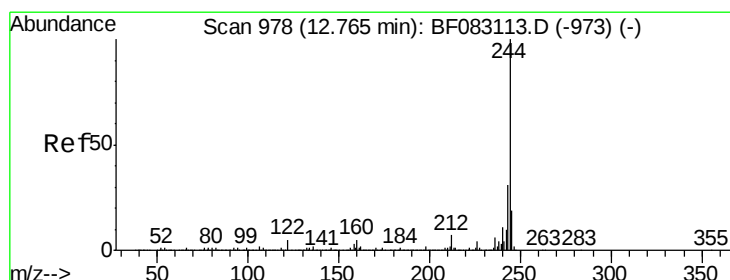
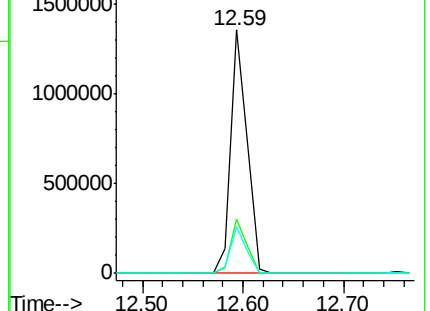
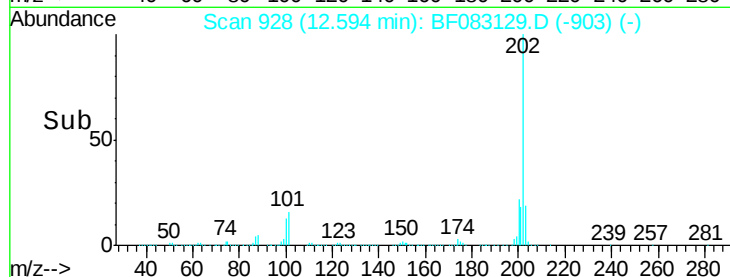
203 19.1 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 33.77 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

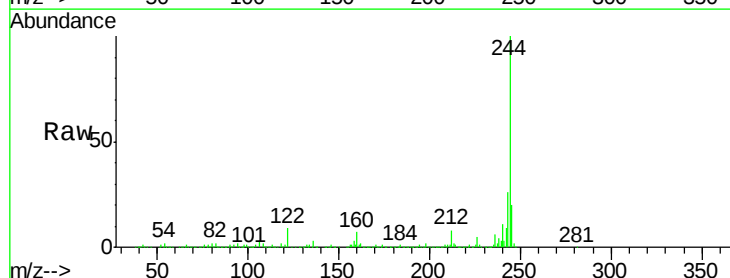
Tgt Ion:244 Resp: 1911283

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

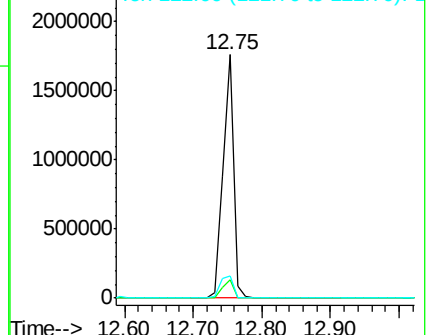
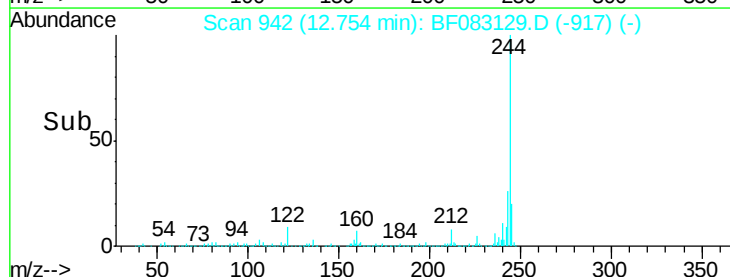
122 9.2 4.3 6.5#

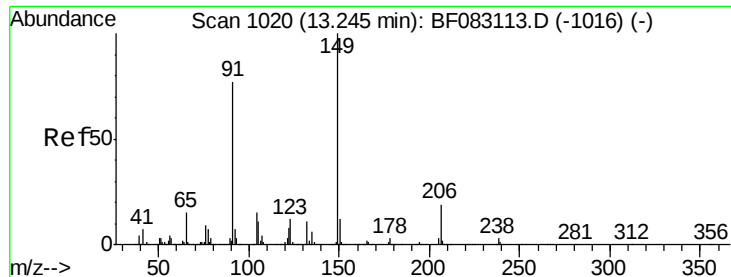


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

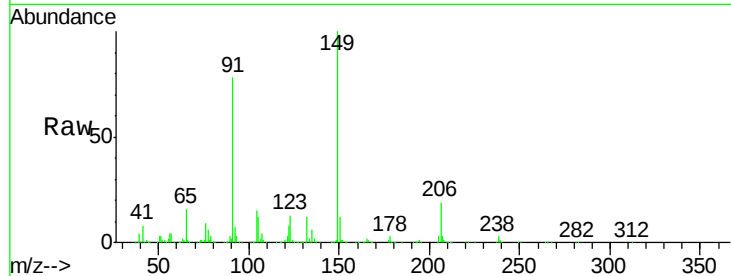




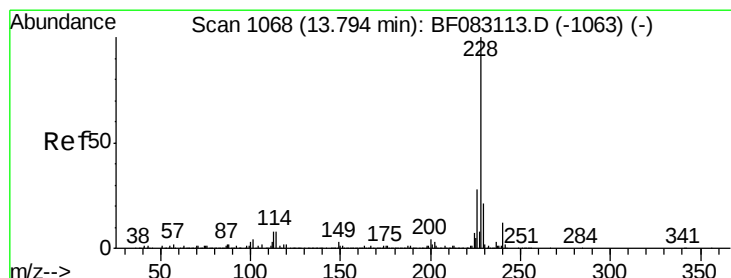
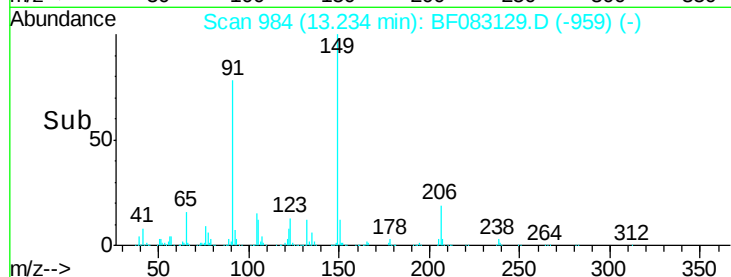
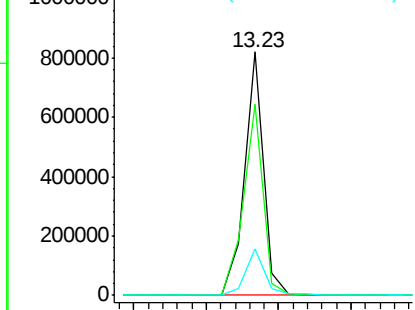
#79
Butylbenzylphthalate
Concen: 34.33 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.3	61.5	92.3
206	19.3	15.3	22.9

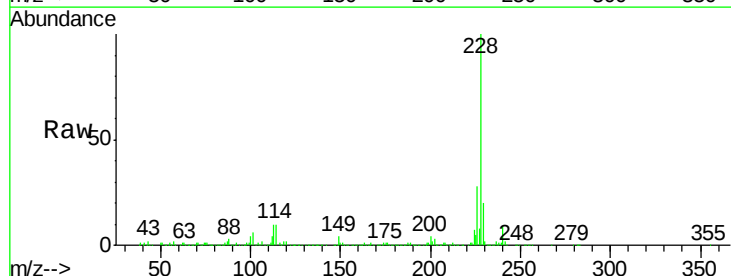


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

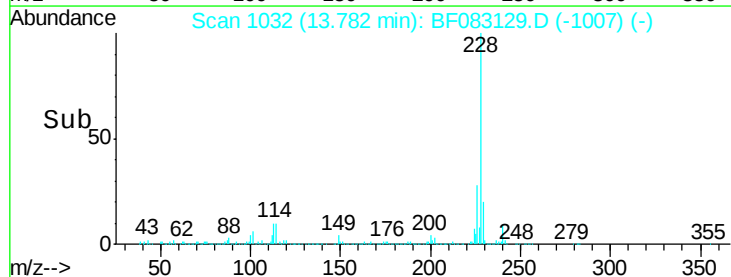
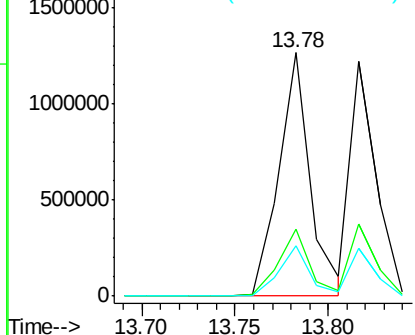


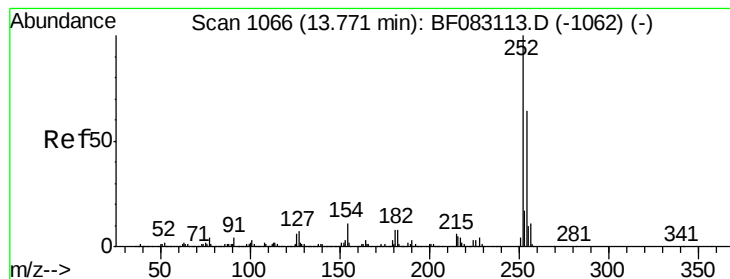
#80
Benzo(a)anthracene
Concen: 35.84 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.5	16.6	24.8



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

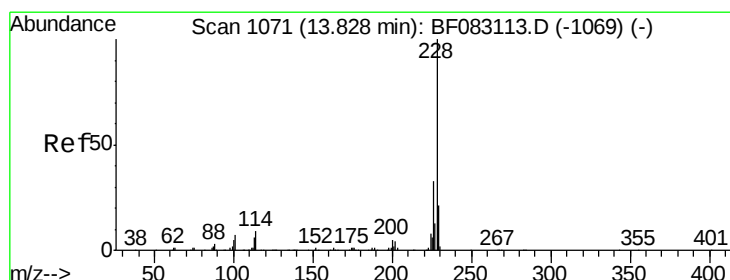
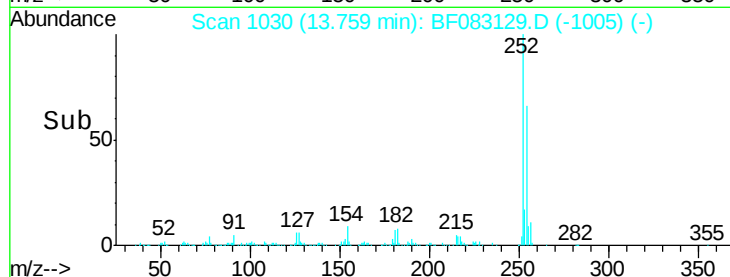
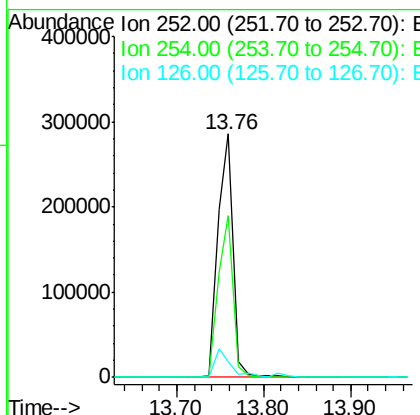
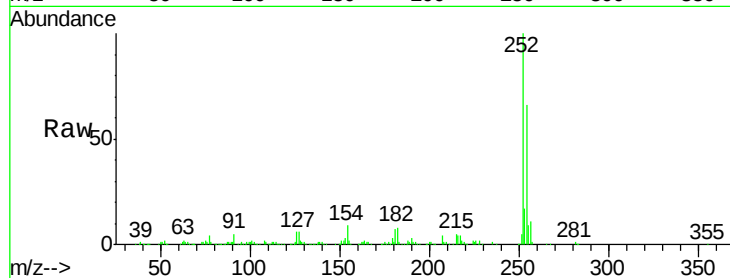




#81
 3,3'-Dichlorobenzidine
 Concen: 24.71 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

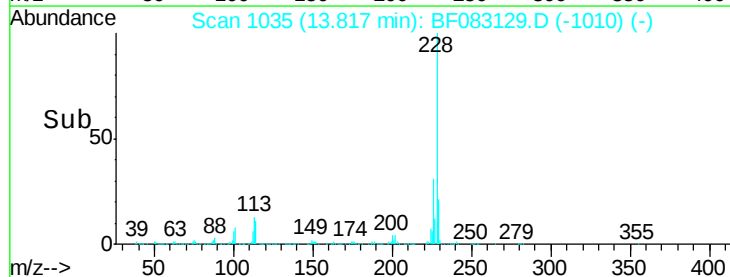
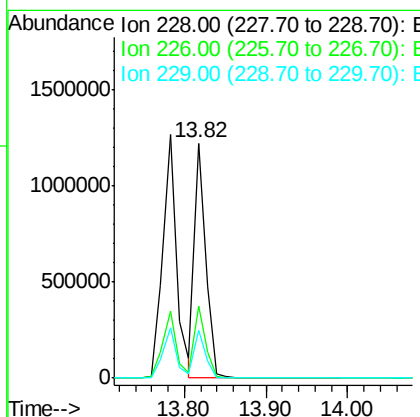
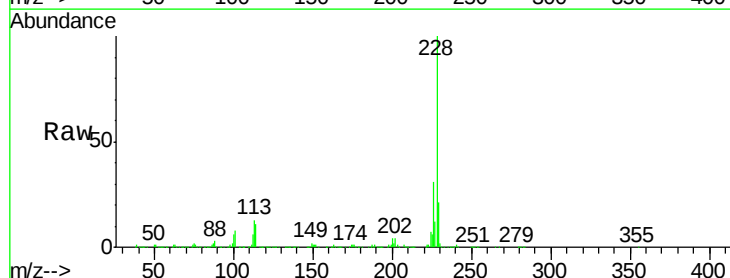
Instrument :
 BNA_F
 ClientSampleId :
 PB86781BS

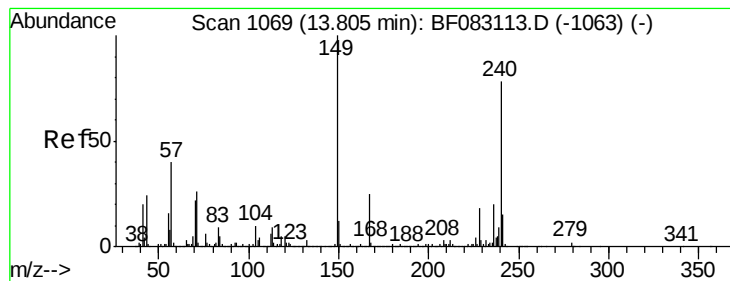
Tgt Ion:252 Resp: 354430
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.5 77.3
 126 6.5 5.2 7.8



#82
 Chrysene
 Concen: 31.18 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083129.D
 Acq: 22 Nov 2015 00:36

Tgt Ion:228 Resp: 1191984
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 20.5 16.6 25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.85 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

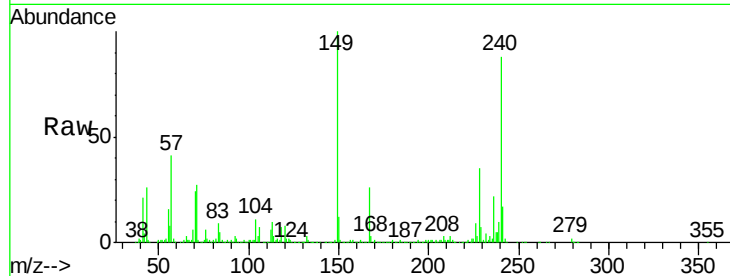
Tgt Ion:149 Resp: 952512

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

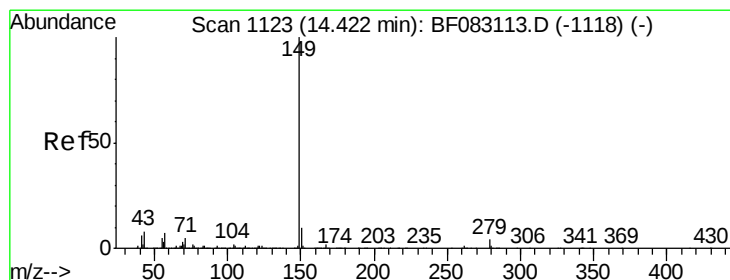
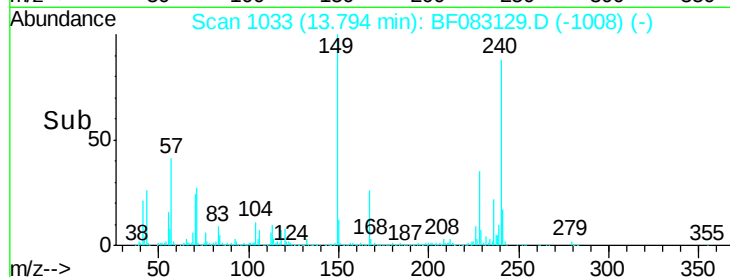
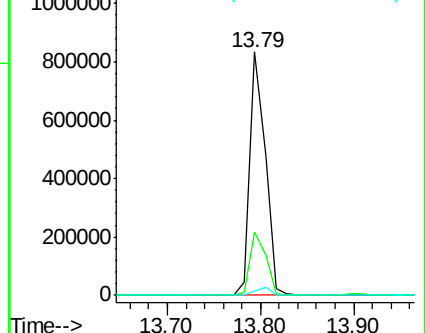
279 1.9 1.7 2.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.25 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

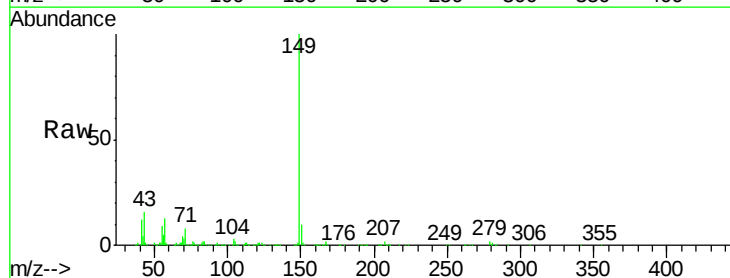
Tgt Ion:149 Resp: 1707655

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

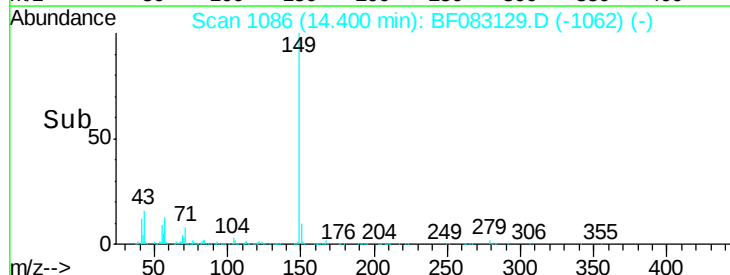
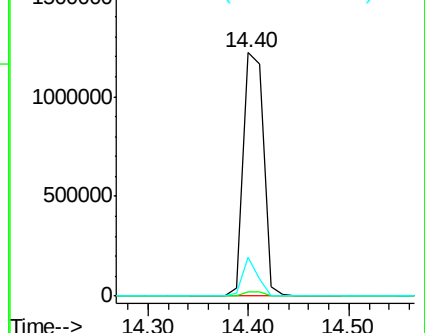
43 12.1 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.85 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

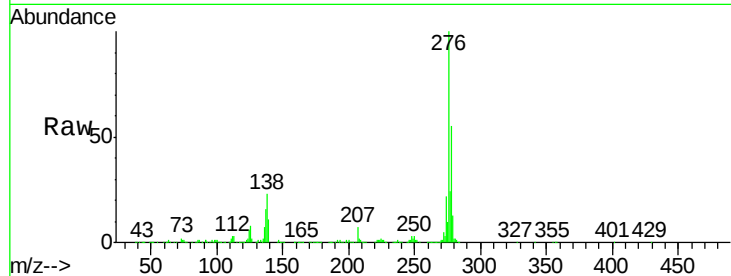
Tgt Ion:276 Resp: 1176710

Ion Ratio Lower Upper

276 100

138 24.3 18.0 27.0

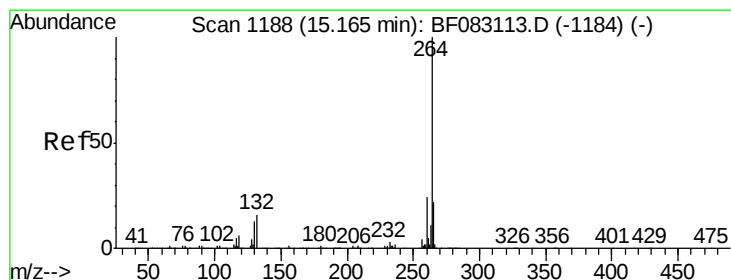
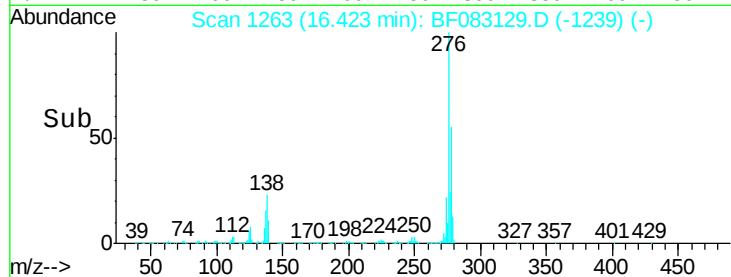
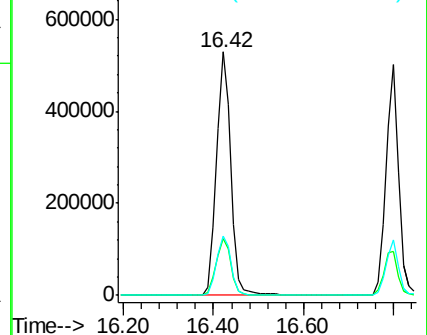
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

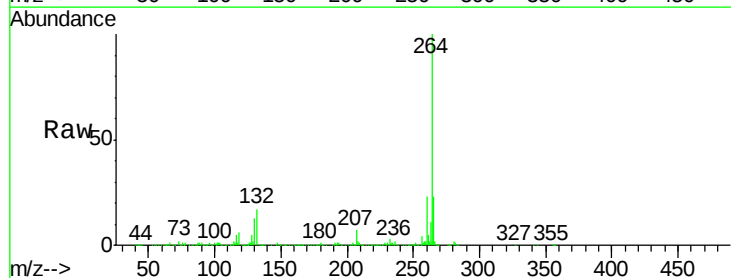
Tgt Ion:264 Resp: 602871

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

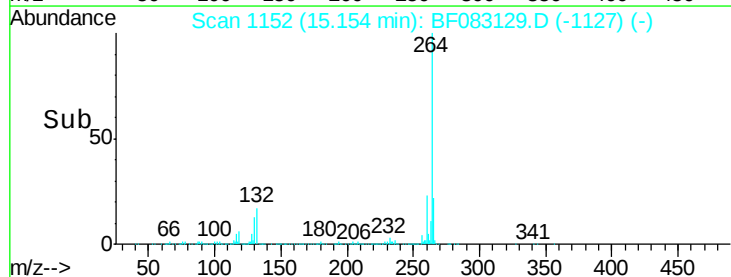
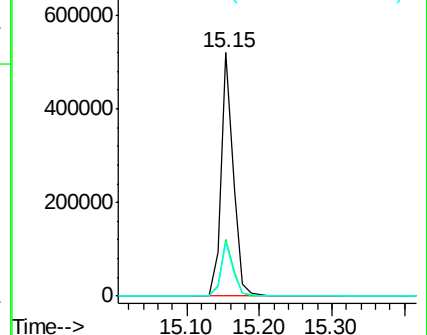
265 22.5 18.2 27.4

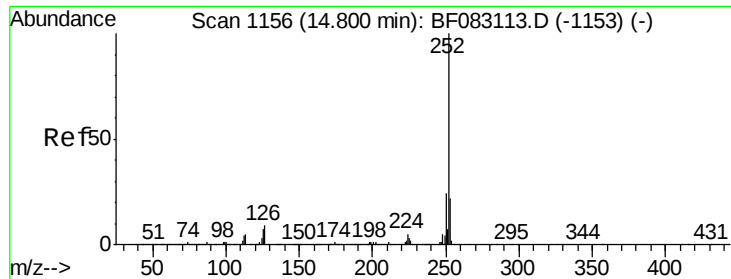


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

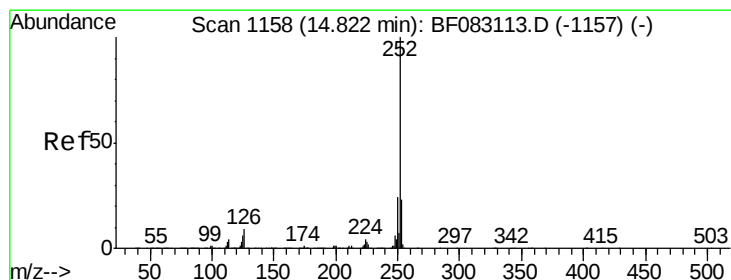
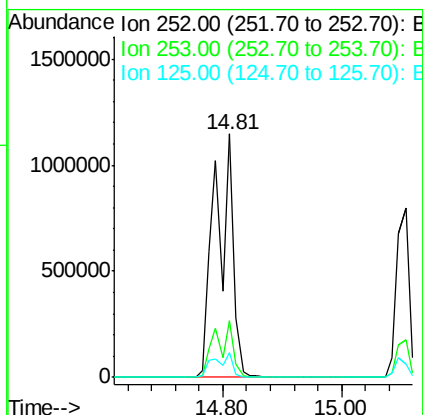
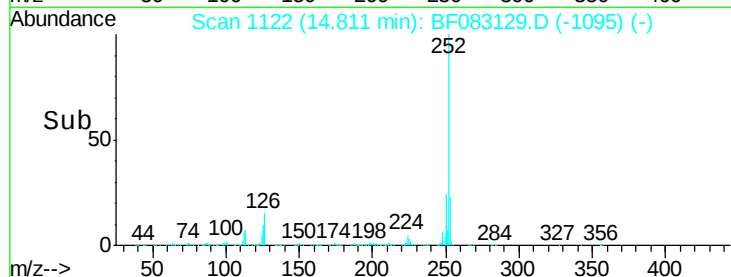
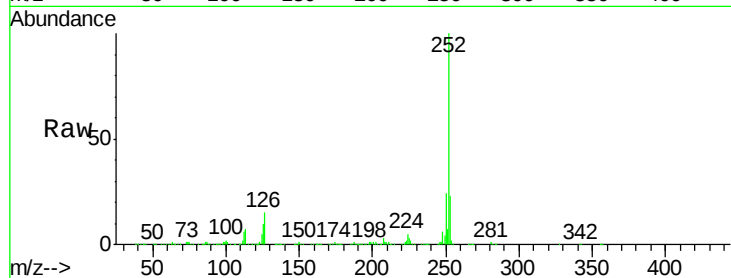




#87
Benzo(b)fluoranthene
Concen: 59.22 ng
RT: 14.81 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

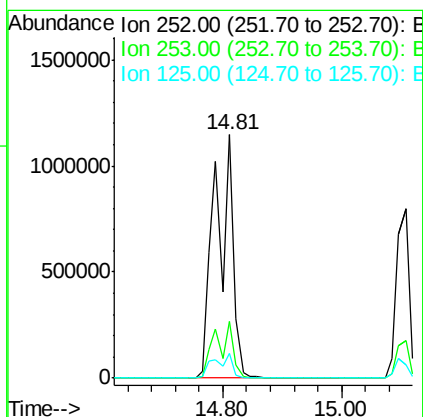
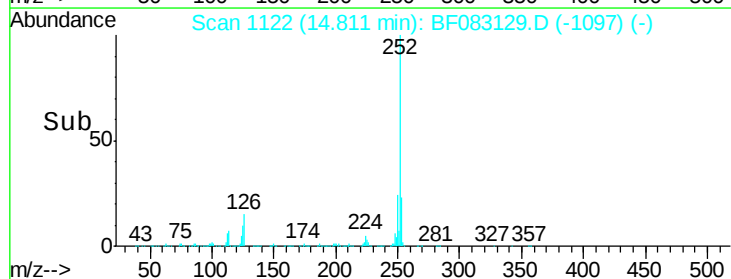
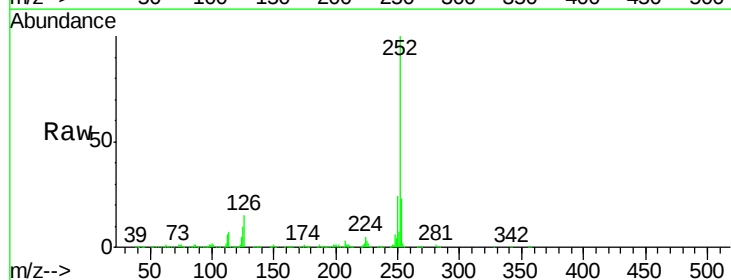
Instrument :
BNA_F
ClientSampleId :
PB86781BS

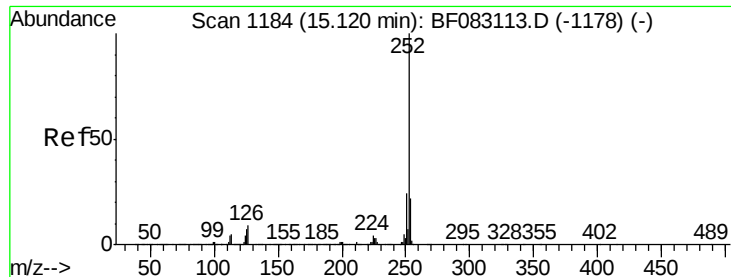
Tgt Ion:252 Resp: 2439300
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 10.3 5.6 8.4#



#88
Benzo(k)fluoranthene
Concen: 79.48 ng
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083129.D
Acq: 22 Nov 2015 00:36

Tgt Ion:252 Resp: 2439300
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 10.3 6.8 10.2#





#89

Benzo(a)pyrene

Concen: 34.28 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

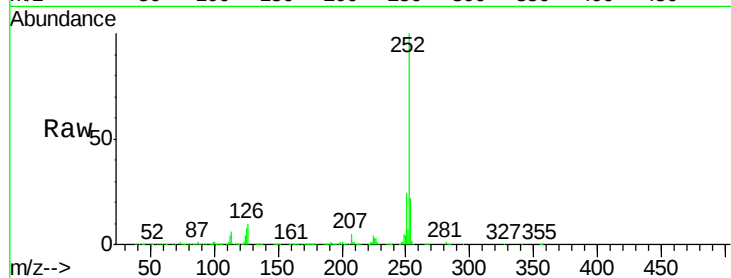
Tgt Ion:252 Resp: 1165788

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

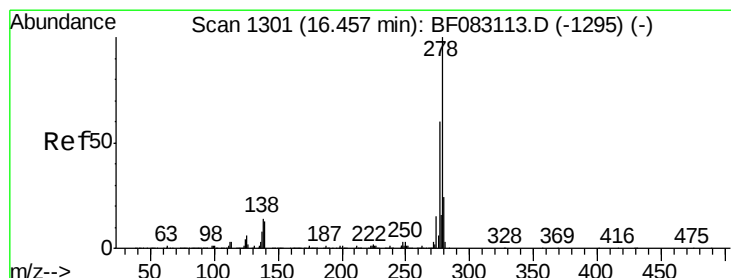
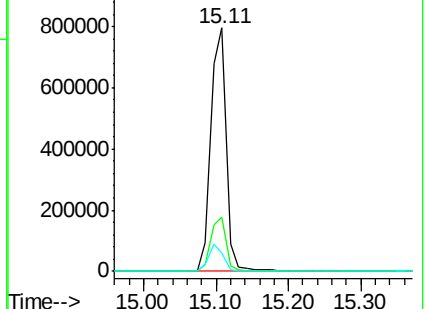
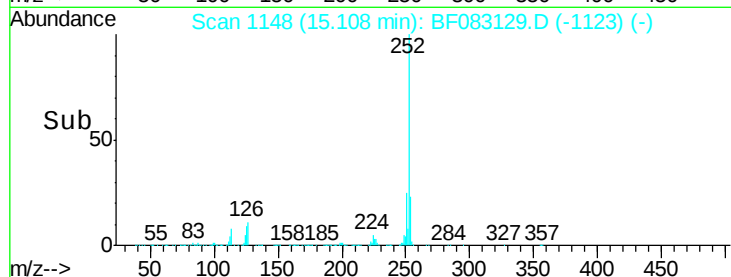
125 7.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.37 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

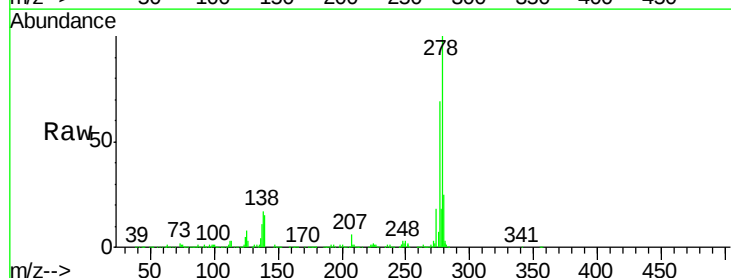
Tgt Ion:278 Resp: 1000126

Ion Ratio Lower Upper

278 100

139 15.1 10.7 16.1

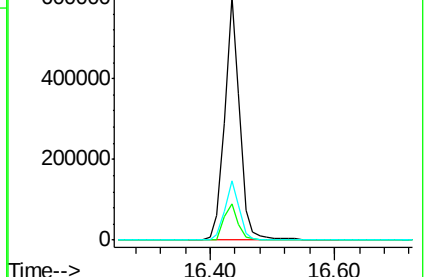
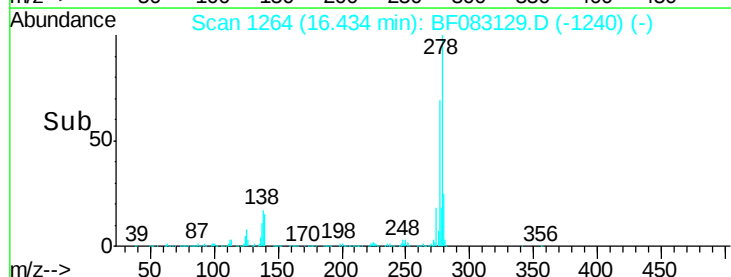
279 24.6 19.3 28.9

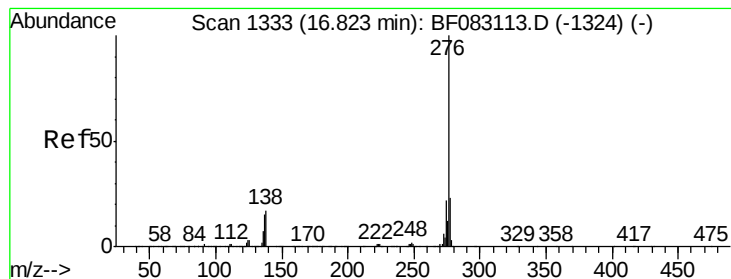


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.66 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083129.D

Acq: 22 Nov 2015 00:36

Instrument :

BNA_F

ClientSampleId :

PB86781BS

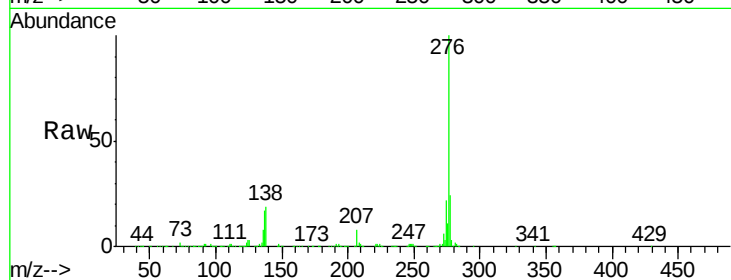
Tgt Ion: 276 Resp: 985028

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.1 13.9 20.9



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

