

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083329.D
 Acq On : 27 Nov 2015 15:08
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:52:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	44573	20.00	ng	0.06
21) Naphthalene-d8	7.85	136	651527	20.00	ng	-0.10
38) Acenaphthene-d10	9.60	164	342063	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	602706	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	448868	20.00	ng	-0.11
86) Perylene-d12	15.04	264	332558	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	59761	20.27	ng	-0.13
7) Phenol-d6	6.23	99	90544	23.74	ng	-0.11
23) Nitrobenzene-d5	7.13	82	82027	5.75	ng	-0.10
41) 2,4,6-Tribromophenol	10.39	330	16108	4.60	ng	-0.10
44) 2-Fluorobiphenyl	8.92	172	137554	5.61	ng	-0.10
78) Terphenyl-d14	12.65	244	129894	6.81	ng	-0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	493	0.34	ng	# 18
3) Pyridine	3.20	79	649	0.17	ng	# 1
4) n-Nitrosodimethylamine	2.90	42	1040	0.58	ng	# 1
6) Aniline	6.23	93	56357	12.09	ng	96
8) 2-Chlorophenol	6.35	128	34589	10.86	ng	92
9) Benzaldehyde	6.10	77	25792	10.50	ng	90
10) Phenol	6.25	94	50747	11.00	ng	82
11) bis(2-Chloroethyl)ether	6.30	93	38520	11.69	ng	94
12) 1,3-Dichlorobenzene	6.73	146	38239	10.51	ng	94
13) 1,4-Dichlorobenzene	6.73	146	38239	10.39	ng	96
14) 1,2-Dichlorobenzene	6.73	146	38239	11.44	ng	95
15) Benzyl Alcohol	6.73	79	30638	9.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	65543	12.76	ng	75
17) 2-Methylphenol	6.86	107	27079	10.27	ng	98
18) Hexachloroethane	7.07	117	14324	11.05	ng	# 85
19) n-Nitroso-di-n-propylamine	6.98	70	29393	11.07	ng	92
20) 3+4-Methylphenols	7.02	107	37608	11.29	ng	97
22) Acetophenone	6.98	105	53188	2.84	ng	# 96
24) Nitrobenzene	7.15	77	41930	2.75	ng	97
25) Isophorone	7.39	82	77831	2.88	ng	98
26) 2-Nitrophenol	7.47	139	16457	2.45	ng	# 84
27) 2,4-Dimethylphenol	7.53	122	27781	2.59	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	40180	2.56	ng	100
29) 2,4-Dichlorophenol	7.74	162	26055	2.55	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	30130	2.69	ng	94
31) Naphthalene	7.87	128	104904	2.98	ng	98
32) Benzoic acid	7.64	122	10226	1.23	ng	# 86
33) 4-Chloroaniline	7.94	127	39935	2.93	ng	# 90
34) Hexachlorobutadiene	8.00	225	17924	2.70	ng	99
35) Caprolactam	8.27	113	7394	2.26	ng	94
36) 4-Chloro-3-methylphenol	8.43	107	31000	2.62	ng	87
37) 2-Methylnaphthalene	8.56	142	63349	2.78	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	29135	2.63	ng	98
40) Hexachlorocyclopentadiene	8.72	237	6730	1.07	ng	92

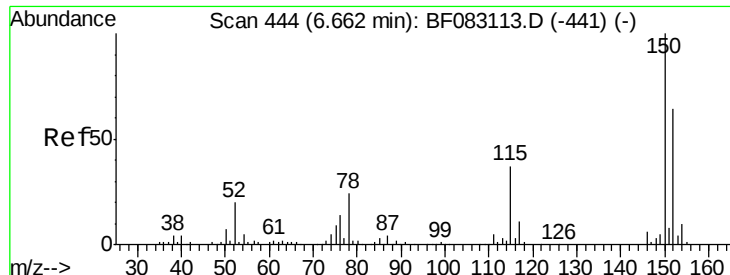
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	18986	2.39	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	19589	2.41	nq	# 96
45) 1,1'-Biphenyl	9.03	154	86902	2.98	nq	97
46) 2-Chloronaphthalene	9.05	162	61793	2.70	nq	100
47) 2-Nitroaniline	9.15	65	22607	2.79	nq	94
48) Acenaphthylene	9.45	152	98693	2.78	nq	97
49) Dimethylphthalate	9.34	163	70872	2.69	nq	99
50) 2,6-Dinitrotoluene	9.39	165	15150	2.56	nq	# 79
51) Acenaphthene	9.63	154	54994	2.55	nq	98
52) 3-Nitroaniline	9.56	138	16516	2.62	nq	# 77
53) 2,4-Dinitrophenol	9.69	184	1086	0.32	nq	99
54) Dibenzofuran	9.80	168	83959	2.75	nq	98
55) 4-Nitrophenol	9.80	139	39353	8.15	nq	# 1
56) 2,4-Dinitrotoluene	9.79	165	19018	2.54	nq	# 92
57) Fluorene	10.14	166	71655	2.84	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.93	232	15651	2.35	nq	# 93
59) Diethylphthalate	10.03	149	63838	2.44	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	31396	2.72	nq	97
61) 4-Nitroaniline	10.17	138	16027	2.58	nq	92
62) Azobenzene	10.30	77	84273	2.82	nq	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	3634	0.88	nq	90
65) n-Nitrosodiphenylamine	10.26	169	57317	2.80	nq	96
66) 4-Bromophenyl-phenylether	10.63	248	17916	2.68	nq	93
67) Hexachlorobenzene	10.68	284	21242	2.88	nq	97
68) Atrazine	10.79	200	17344	2.91	nq	98
69) Pentachlorophenol	10.89	266	5292	1.10	nq	94
70) Phenanthrene	11.10	178	101227	2.92	nq	96
71) Anthracene	11.14	178	104200	2.94	nq	97
72) Carbazole	11.30	167	86130	2.74	nq	98
73) Di-n-butylphthalate	11.64	149	100630	2.62	nq	99
74) Fluoranthene	12.27	202	94196	2.65	nq	94
76) Benzidine	12.41	184	45389	3.86	nq	99
77) Pyrene	12.49	202	102629	3.35	nq	97
79) Butylbenzylphthalate	13.13	149	34308	2.36	nq	92
80) Benzo(a)anthracene	13.68	228	75336	2.71	nq	96
81) 3,3'-Dichlorobenzidine	13.66	252	20004	2.07	nq	# 93
82) Chrysene	13.71	228	64294	2.50	nq	94
83) Bis(2-ethylhexyl)phthalate	13.70	149	39899	2.10	nq	# 97
84) Di-n-octyl phthalate	14.31	149	59642	1.83	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.24	276	63625	2.72	nq	96
87) Benzo(b)fluoranthene	14.67	252	105348	4.64	nq	# 92
88) Benzo(k)fluoranthene	14.67	252	105348	6.22	nq	# 91
89) Benzo(a)pyrene	14.98	252	49762	2.65	nq	# 96
90) Dibenzo(a,h)anthracene	16.25	278	53549	3.14	nq	99
91) Benzo(g,h,i)perylene	16.61	276	53925	3.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 414

Delta R.T. 0.06 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

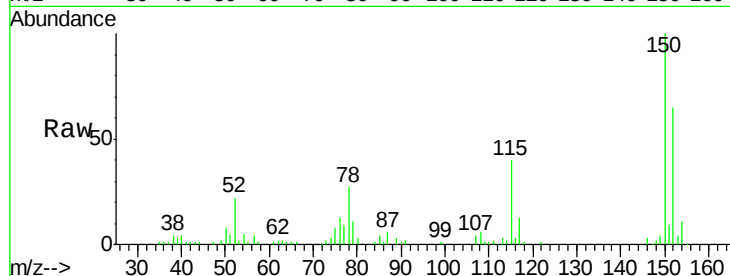
Tot Ion:152 Resp: 44573

Ion Ratio Lower Upper

152 100

150 154.7 125.8 188.8

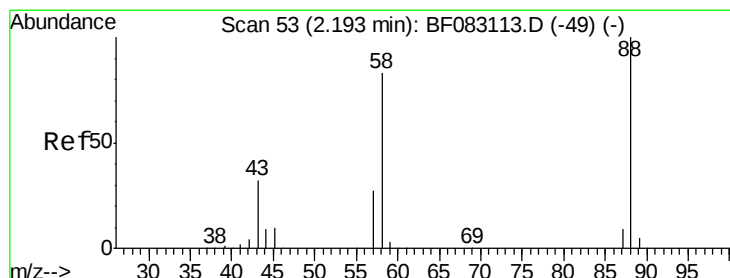
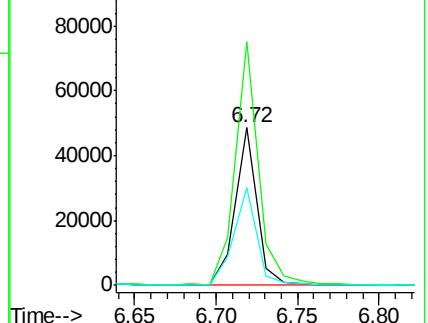
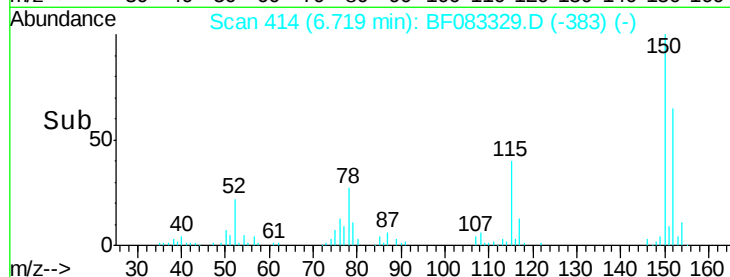
115 62.4 46.9 70.3



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: 0.34 ng

RT: 2.23 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

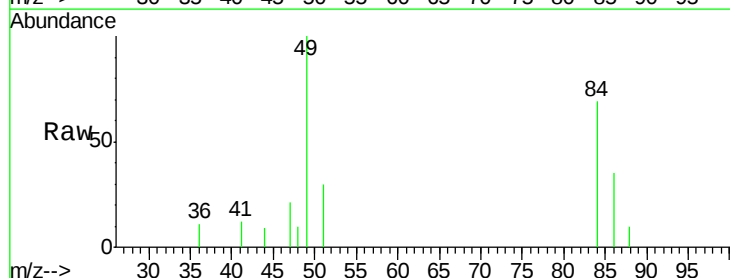
Tgt Ion: 88 Resp: 493

Ion Ratio Lower Upper

88 100

58 0.0 65.0 97.6#

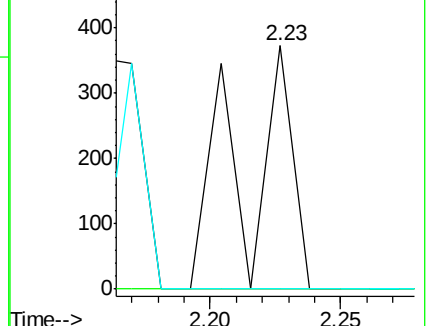
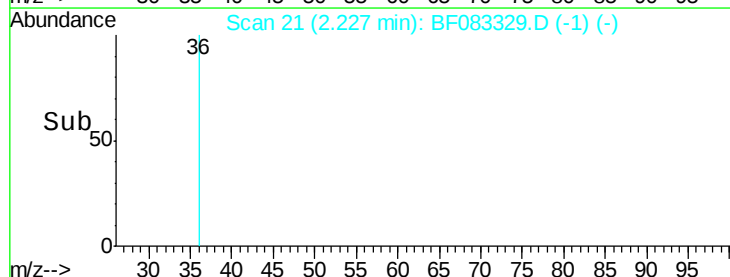
43 0.0 24.7 37.1#

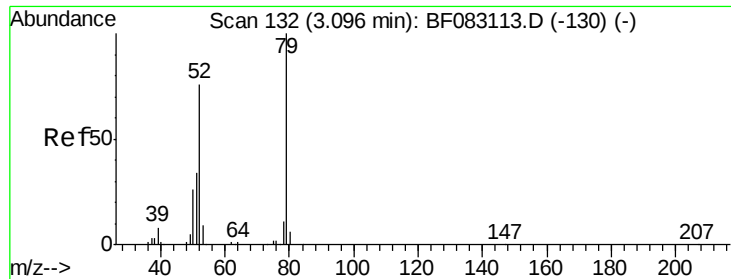


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.17 ng

RT: 3.20 min Scan# 106

Delta R.T. 0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

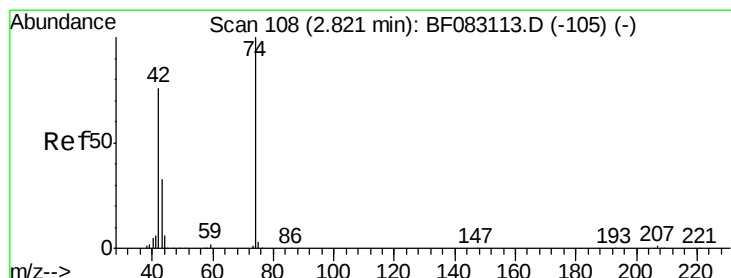
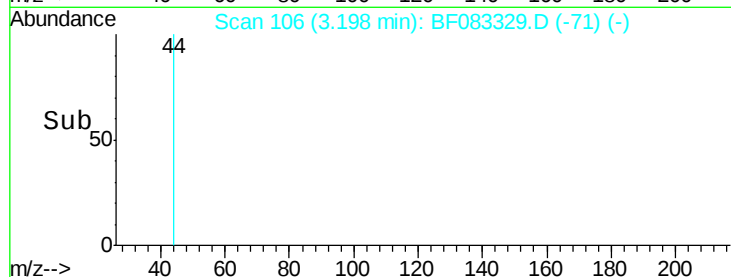
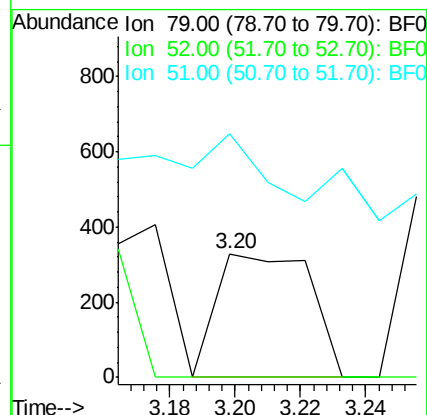
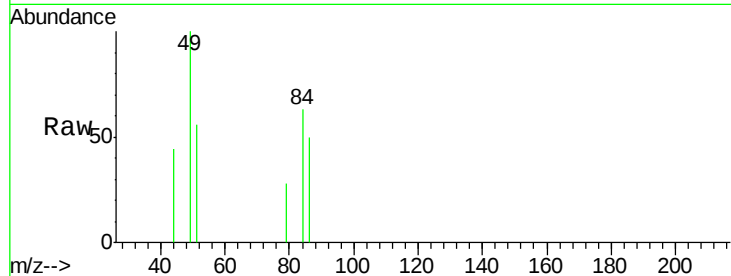
Tot Ion: 79 Resp: 649

Ion Ratio Lower Upper

79 100

52 0.0 60.7 91.1#

51 197.0 27.9 41.9#



#4

n-Nitrosodimethylamine

Concen: 0.58 ng

RT: 2.90 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

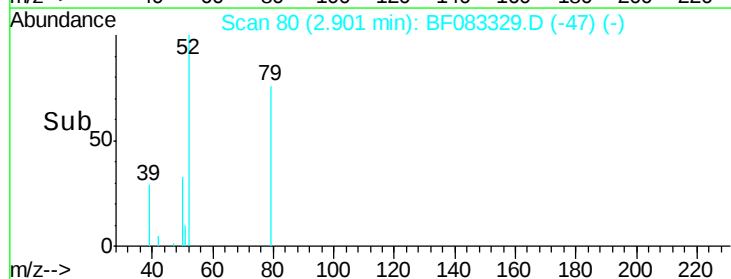
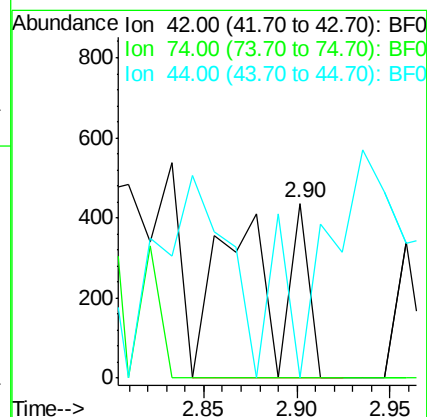
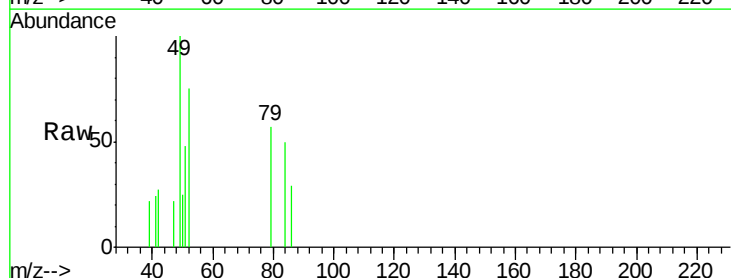
Tgt Ion: 42 Resp: 1040

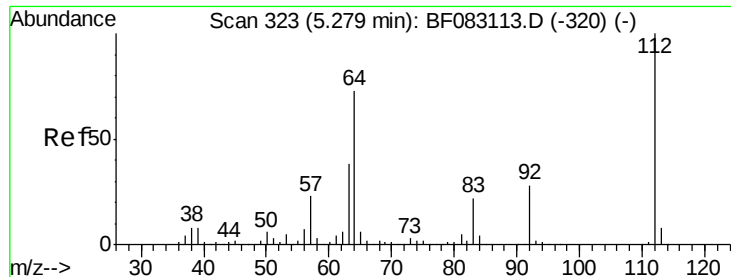
Ion Ratio Lower Upper

42 100

74 0.0 104.8 157.2#

44 0.0 6.2 9.4#





#5

2-Fluorophenol

Concen: 20.27 ng

RT: 5.15 min Scan# 277

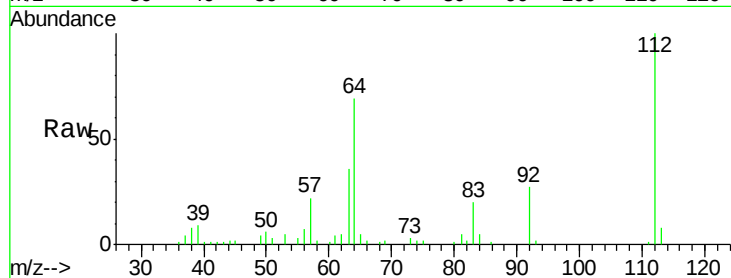
Delta R.T. -0.13 min

Lab File: BF083329.D

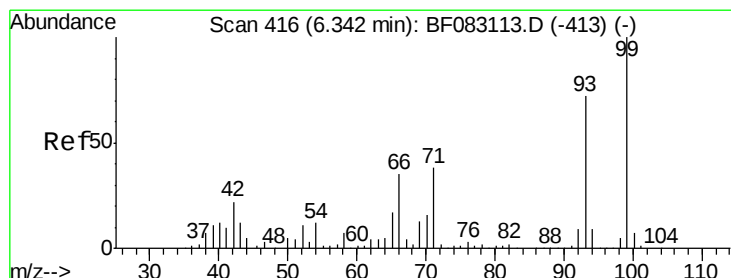
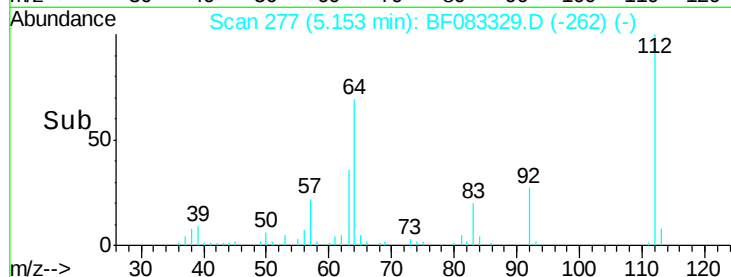
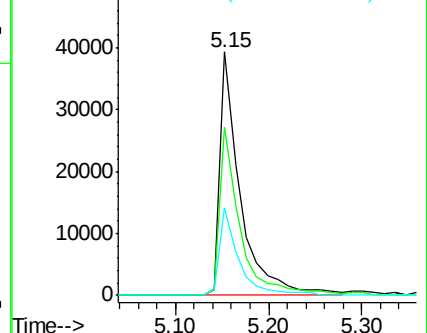
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	59761
Ion	Ratio	Lower	Upper
112	100		
64	68.9	58.4	87.6
63	35.8	30.0	45.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.09 ng

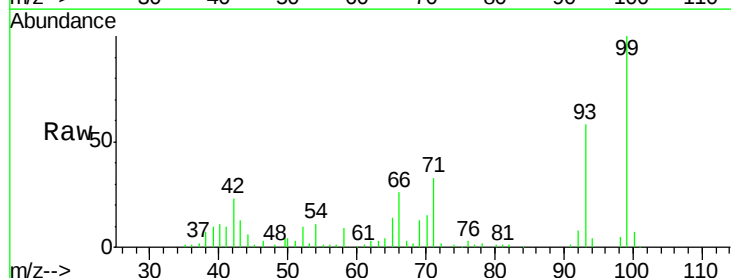
RT: 6.23 min Scan# 371

Delta R.T. -0.11 min

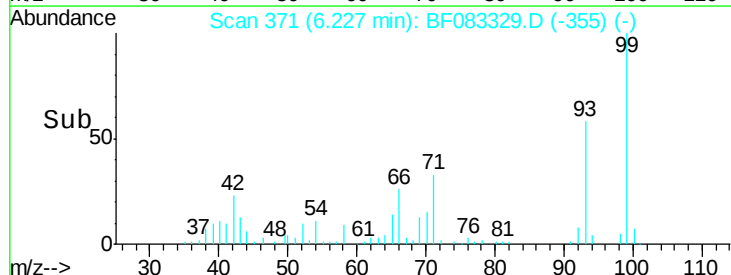
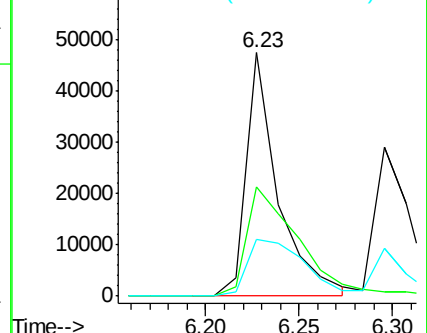
Lab File: BF083329.D

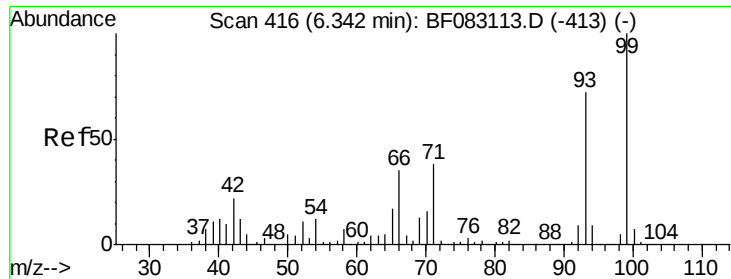
Acq: 27 Nov 2015 15:08

Tgt Ion:	93	Resp:	56357
Ion	Ratio	Lower	Upper
93	100		
66	44.9	38.7	58.1
65	23.3	18.6	27.8



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 23.74 ng

RT: 6.23 min Scan# 371

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

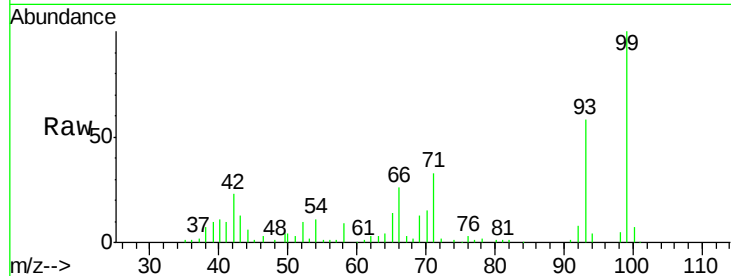
Tot Ion: 99 Resp: 90544

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

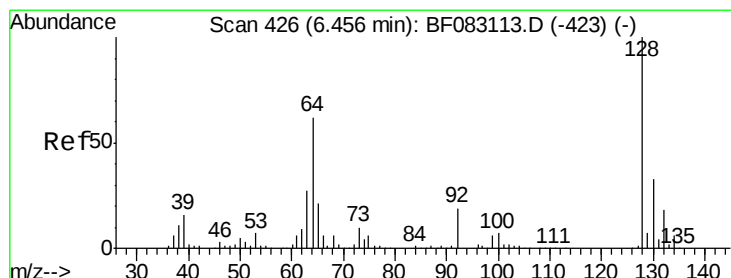
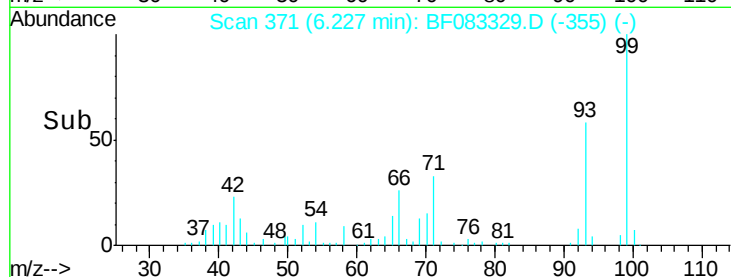
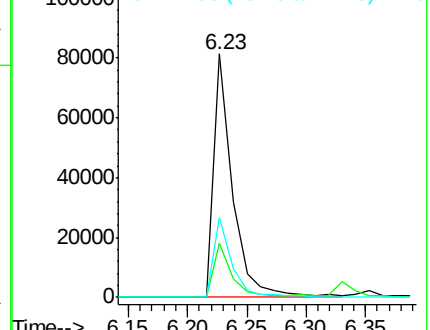
71 32.8 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 10.86 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

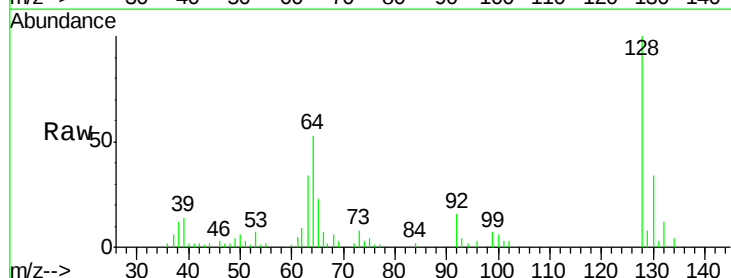
Tgt Ion: 128 Resp: 34589

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

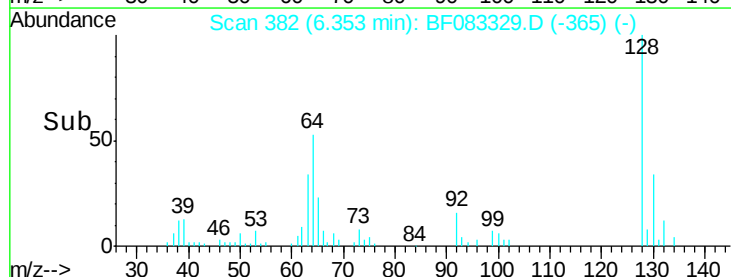
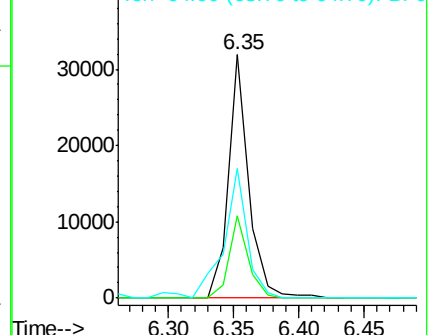
64 53.3 41.9 81.9

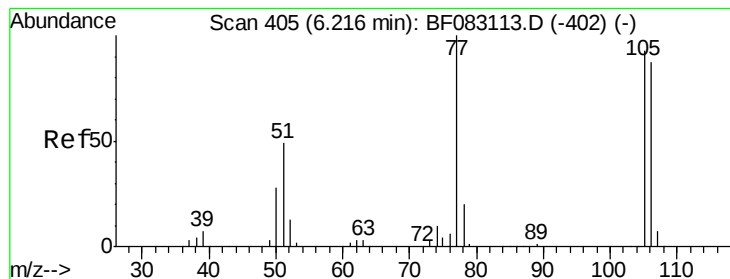


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.50 ng

RT: 6.10 min Scan# 360

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

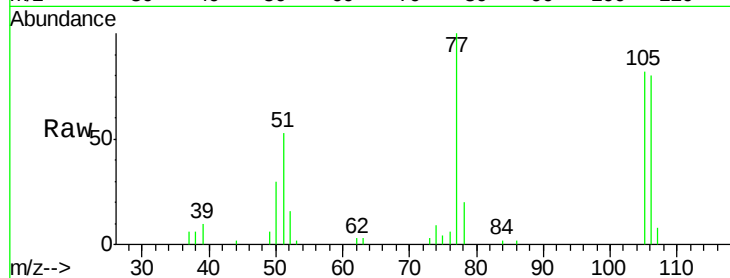
Tot Ion: 77 Resp: 25792

Ion Ratio Lower Upper

77 100

105 82.4 73.4 113.4

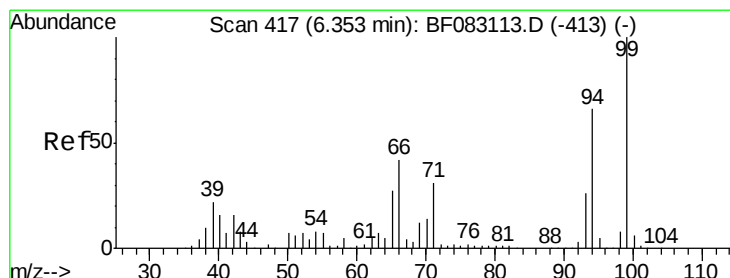
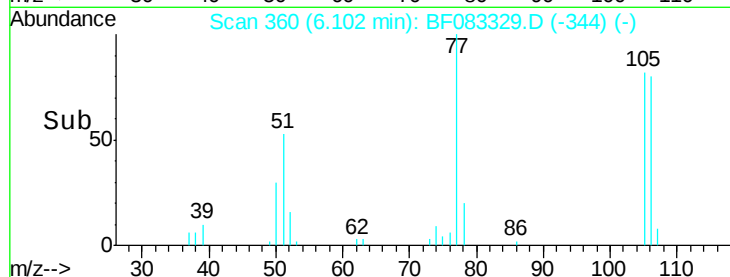
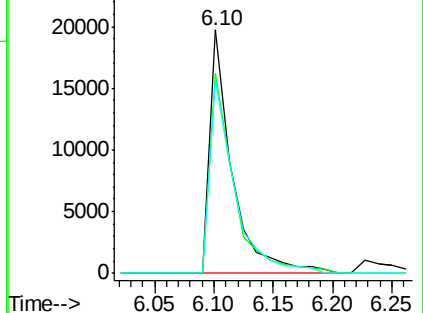
106 79.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.00 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

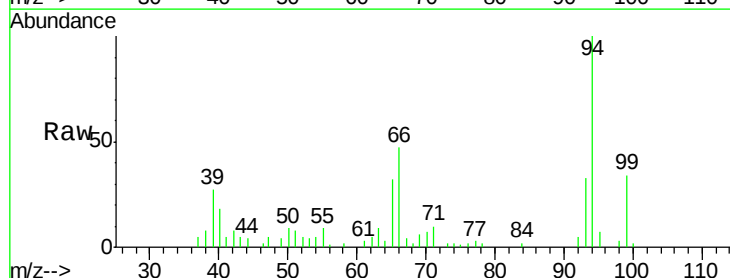
Tgt Ion: 94 Resp: 50747

Ion Ratio Lower Upper

94 100

65 32.2 21.1 61.1

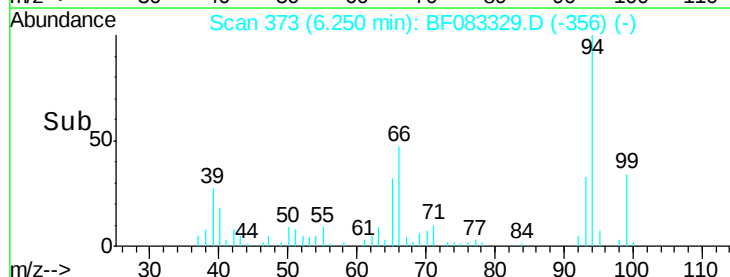
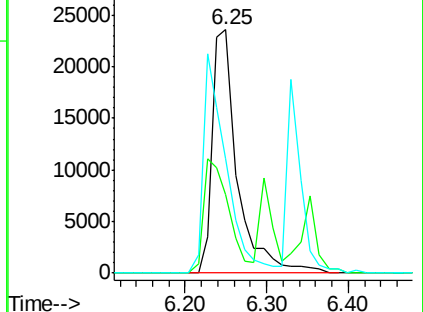
66 47.1 43.1 83.1

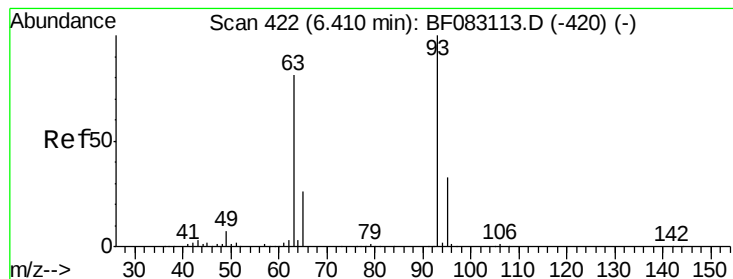


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

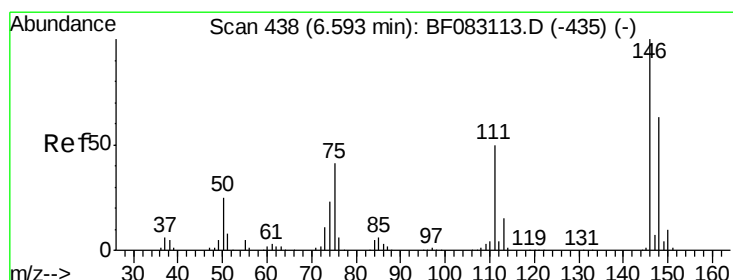
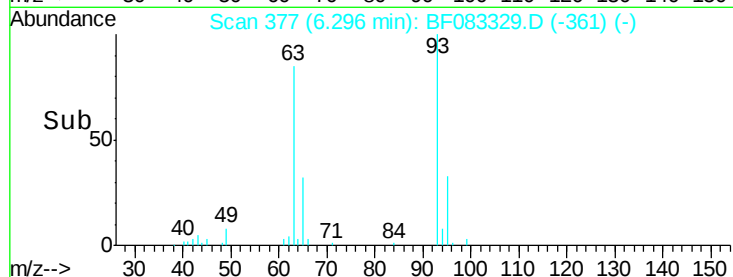
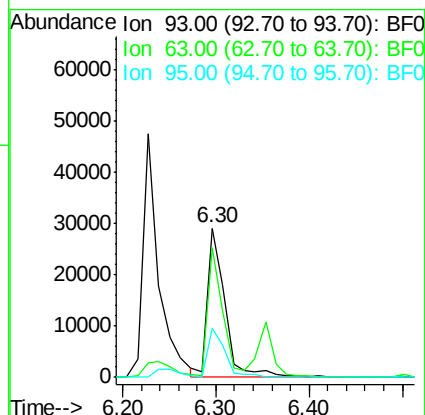
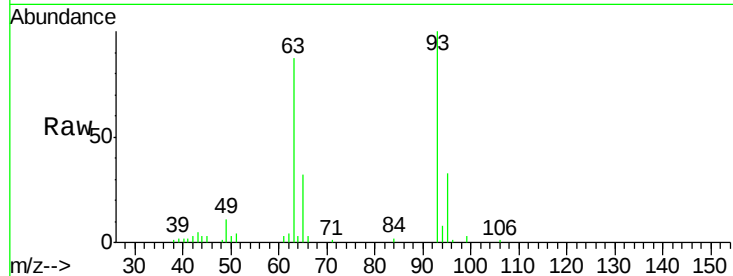




#11
bis(2-Chloroethyl)ether
Concen: 11.69 ng
RT: 6.30 min Scan# 377
Delta R.T. -0.11 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

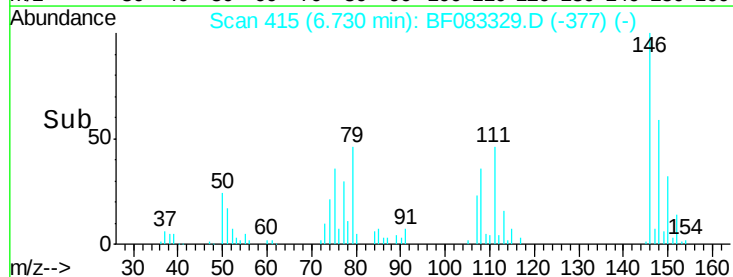
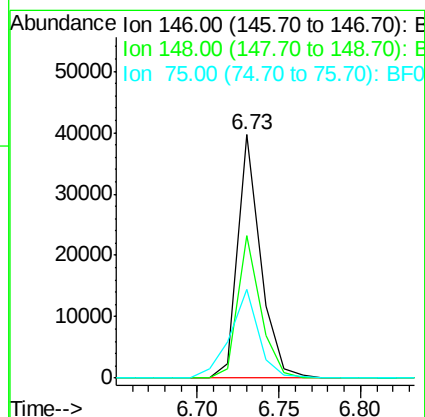
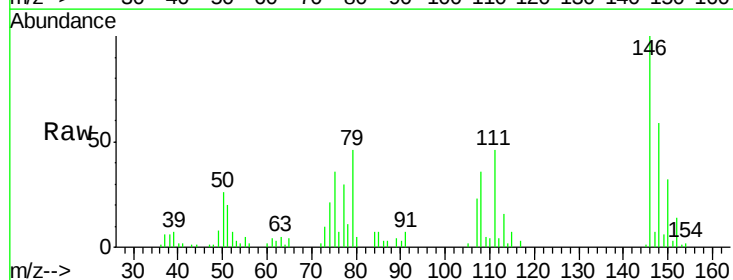
Instrument :
BNA_F
ClientSampleId :

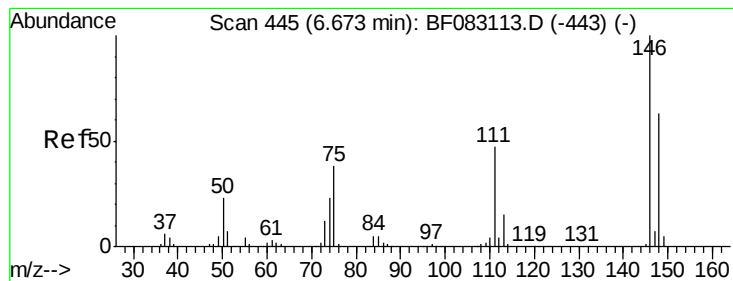
Tot Ion: 93 Resp: 38520
Ion Ratio Lower Upper
93 100
63 86.7 59.8 99.8
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 10.51 ng
RT: 6.73 min Scan# 415
Delta R.T. 0.14 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion: 146 Resp: 38239
Ion Ratio Lower Upper
146 100
148 58.7 50.2 75.2
75 36.4 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 10.39 ng

RT: 6.73 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

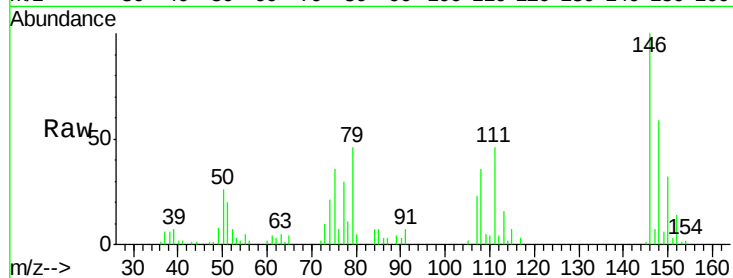
Tot Ion:146 Resp: 38239

Ion Ratio Lower Upper

146 100

148 58.7 50.2 75.2

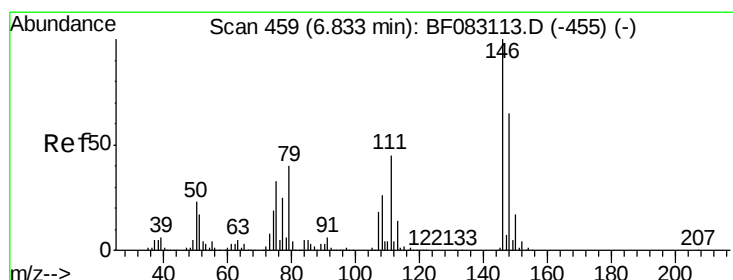
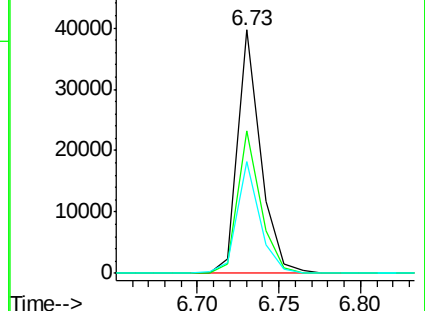
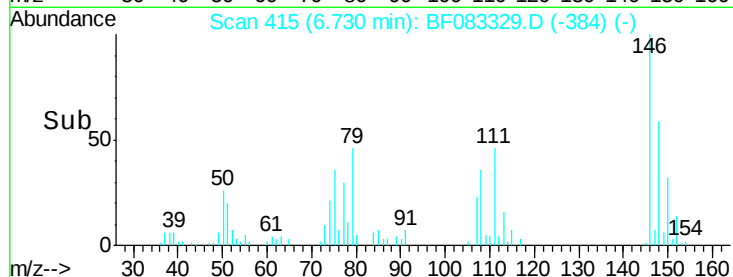
111 45.8 37.5 56.3



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: 11.44 ng

RT: 6.73 min Scan# 415

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

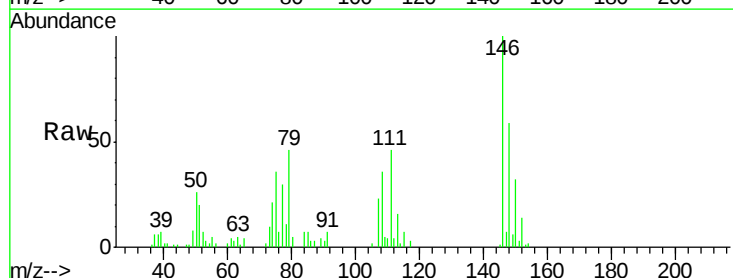
Tgt Ion:146 Resp: 38239

Ion Ratio Lower Upper

146 100

148 58.7 51.8 77.6

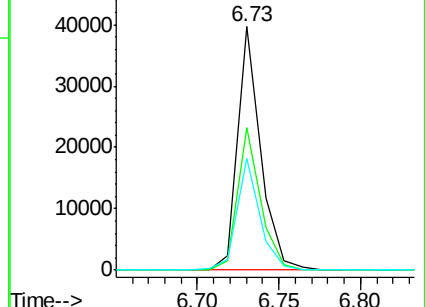
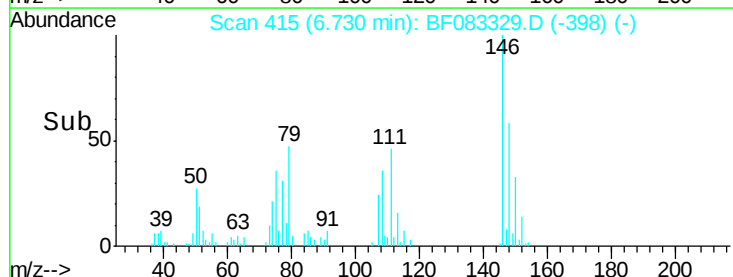
111 45.8 36.2 54.4

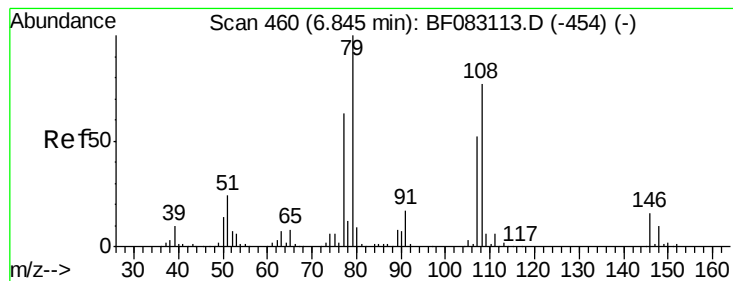


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.61 ng

RT: 6.73 min Scan# 415

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

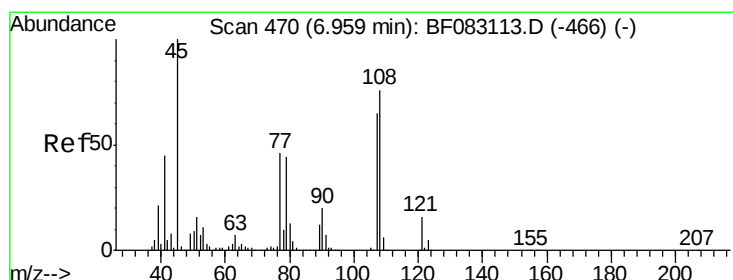
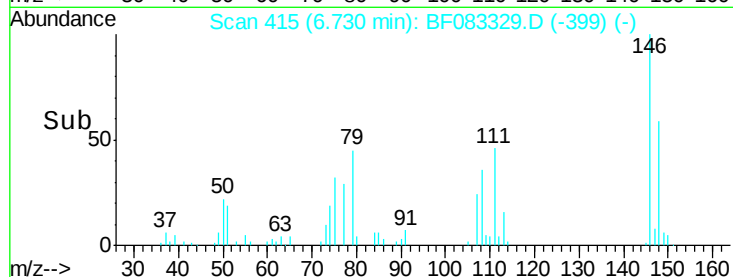
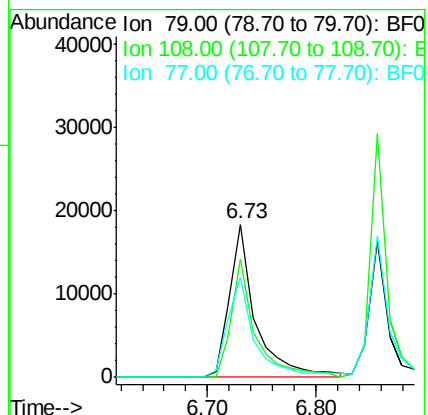
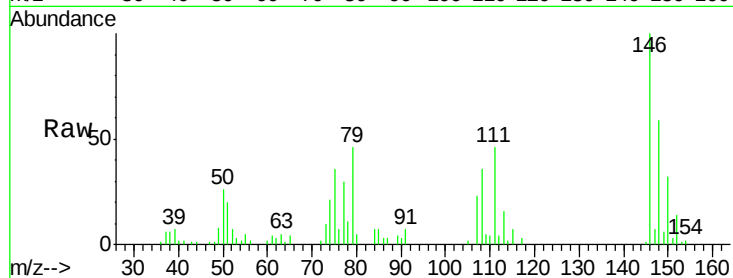
Tot Ion: 79 Resp: 30638

Ion Ratio Lower Upper

79 100

108 77.4 61.4 92.2

77 65.6 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.76 ng

RT: 6.86 min Scan# 426

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

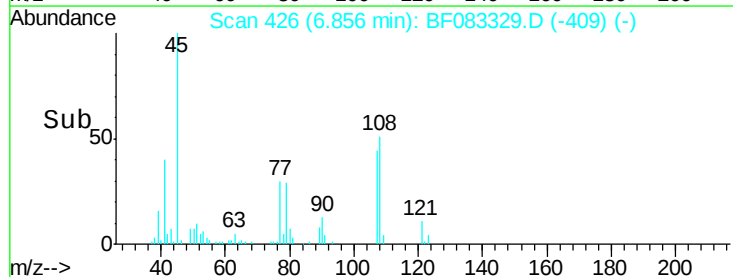
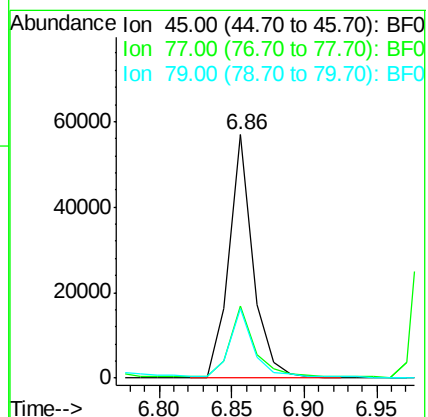
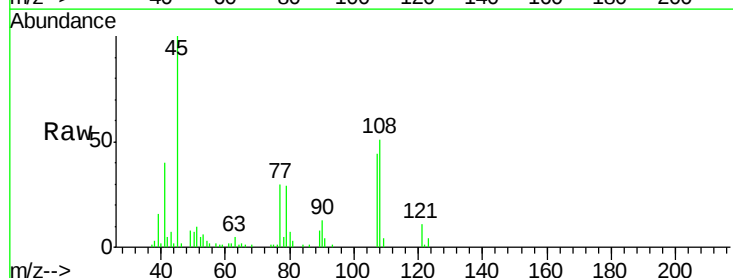
Tgt Ion: 45 Resp: 65543

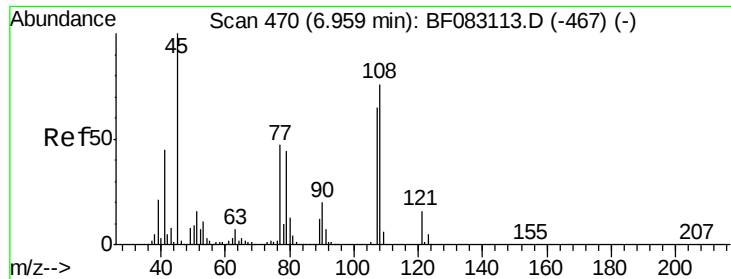
Ion Ratio Lower Upper

45 100

77 29.9 26.7 66.7

79 28.6 24.3 64.3





#17

2-Methylphenol

Concen: 10.27 ng

RT: 6.86 min Scan# 426

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 27079

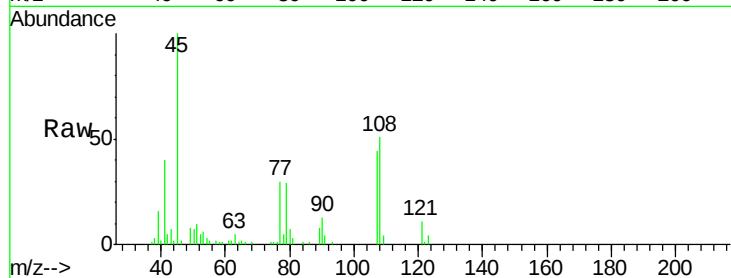
Ion Ratio Lower Upper

107 100

108 117.3 93.8 140.6

77 68.2 57.4 86.0

79 65.5 54.4 81.6

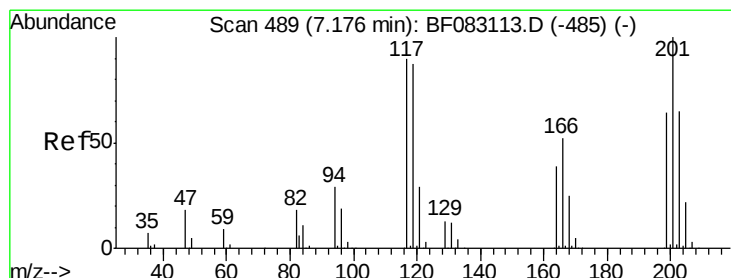
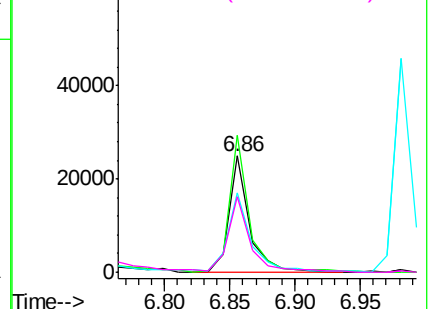
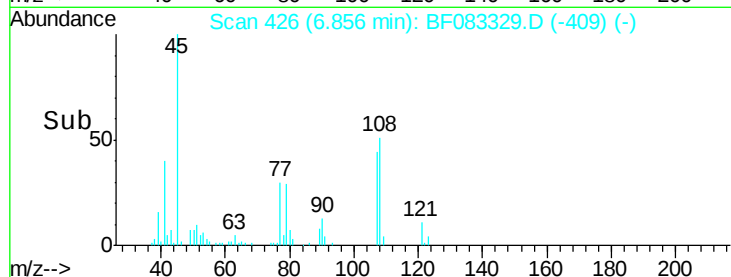


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.05 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

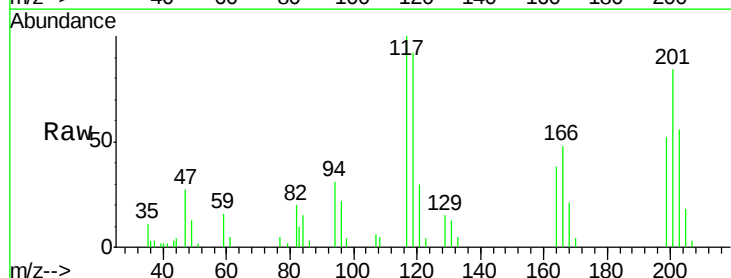
Tgt Ion:117 Resp: 14324

Ion Ratio Lower Upper

117 100

119 91.9 76.8 115.2

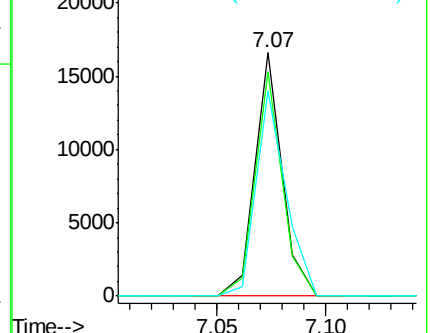
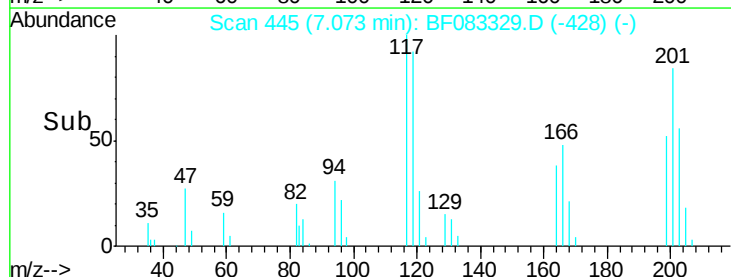
201 84.1 88.6 133.0#

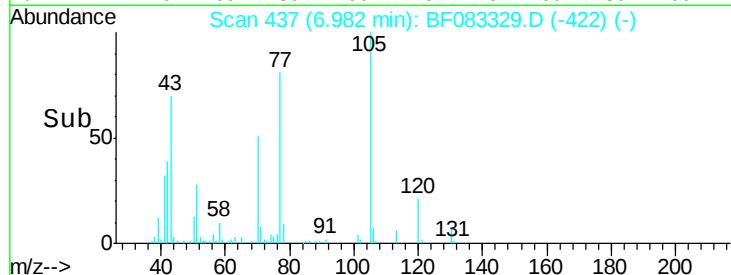
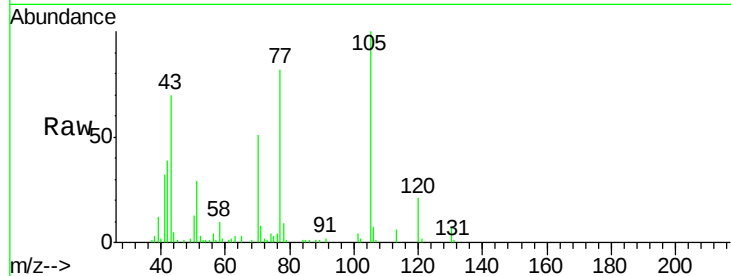
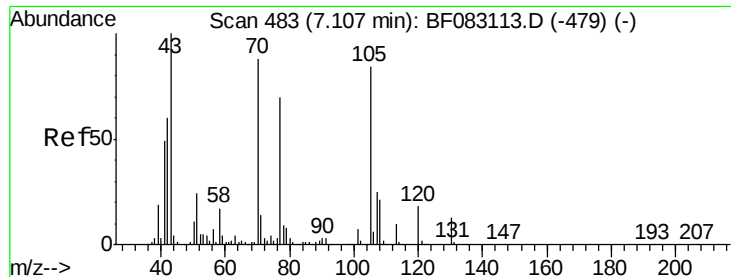


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

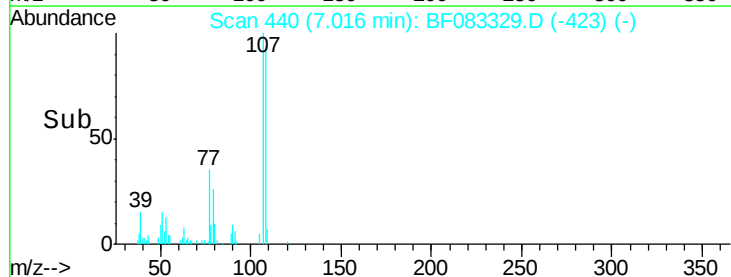
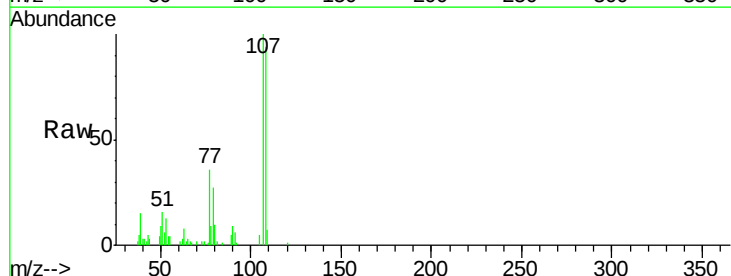
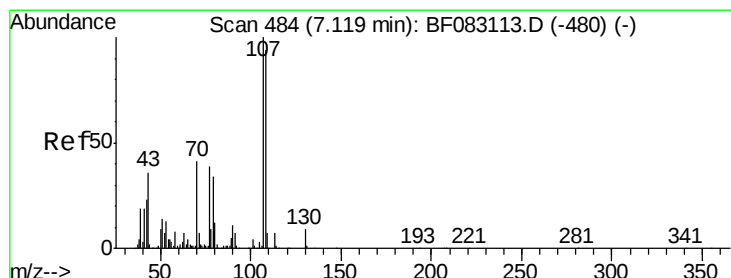
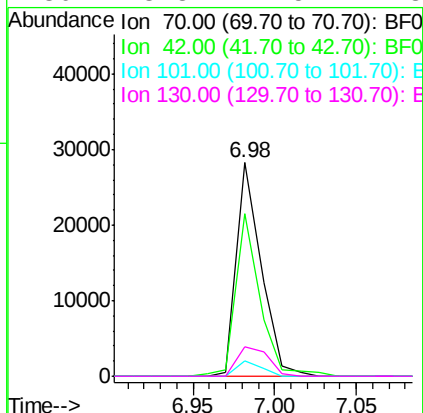




#19
n-Nitroso-di-n-propylamine
Concen: 11.07 ng
RT: 6.98 min Scan# 437
Delta R.T. -0.13 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

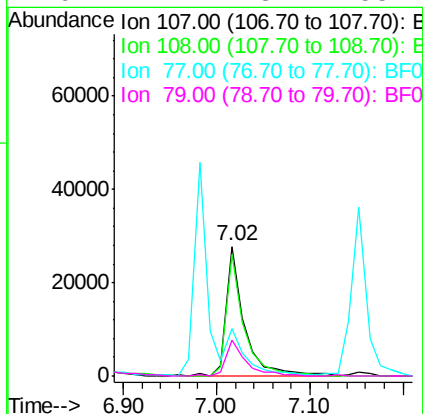
Instrument :
BNA_F
ClientSampleId :

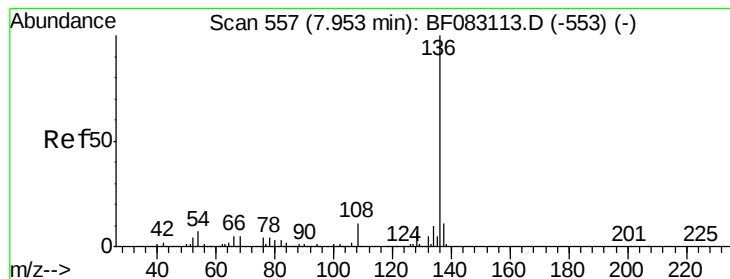
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	76.3	54.5	81.7	
101	7.4	6.6	9.8	
130	13.8	11.5	17.3	



#20
3+4-Methylphenols
Concen: 11.29 ng
RT: 7.02 min Scan# 440
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	73.8	113.8	
77	36.4	19.1	59.1	
79	27.4	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 513

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 651527

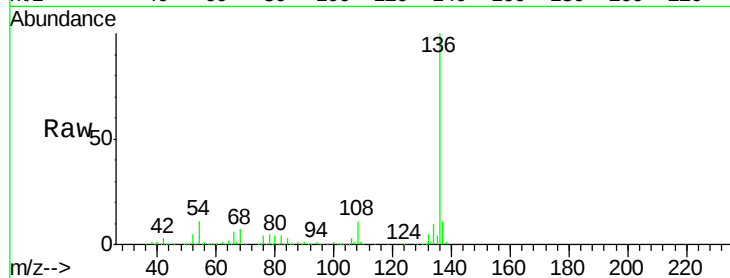
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.9 5.8 8.6#

68 7.2 3.8 5.8#

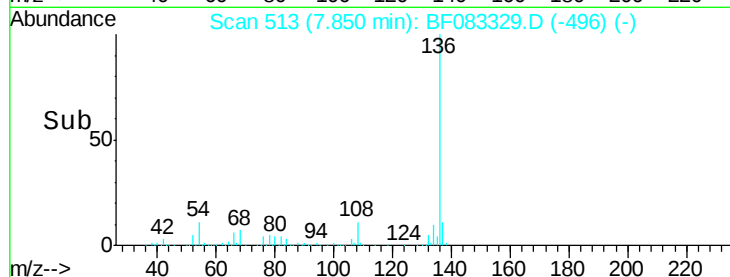


Abundance Ion 136.00 (135.70 to 136.70): E

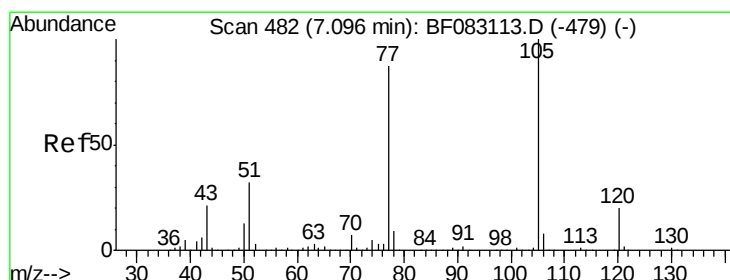
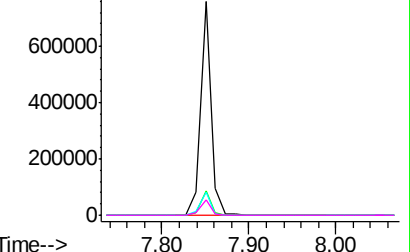
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.84 ng

RT: 6.98 min Scan# 437

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Tgt Ion:105 Resp: 53188

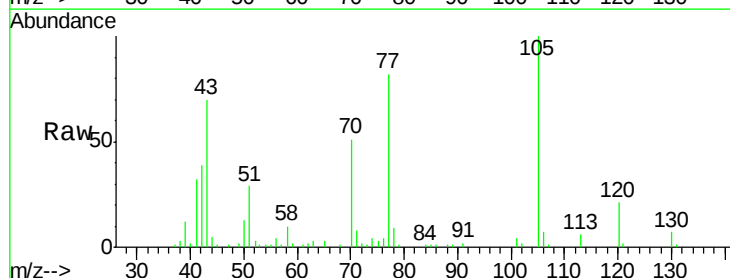
Ion Ratio Lower Upper

105 100

71 7.9 1.0 1.4#

51 29.0 25.6 38.4

120 20.5 15.8 23.6

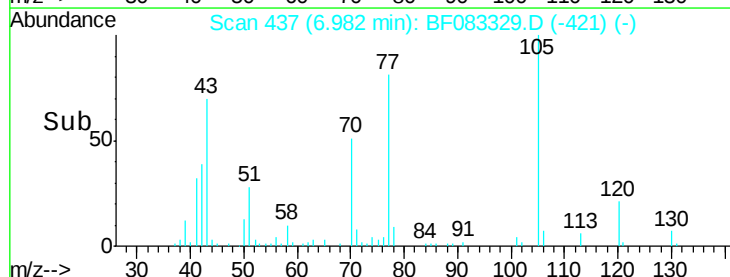


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

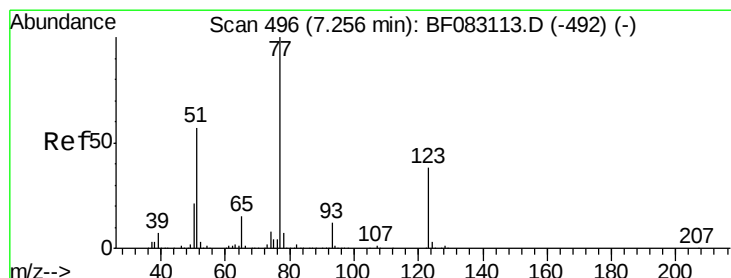
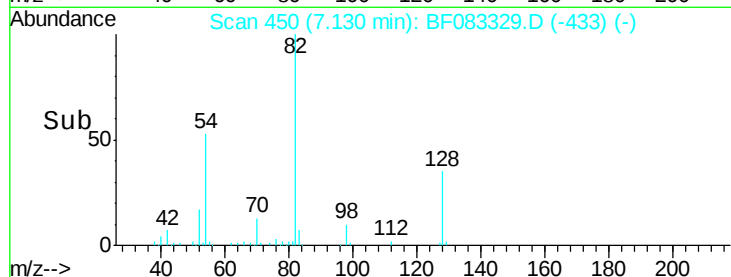
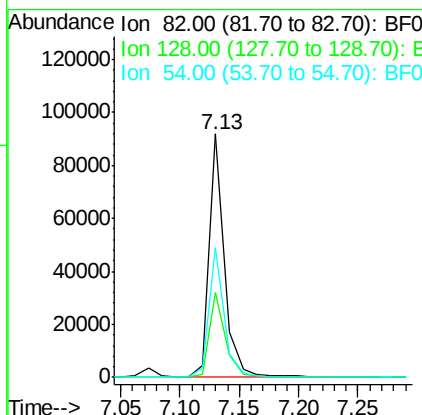
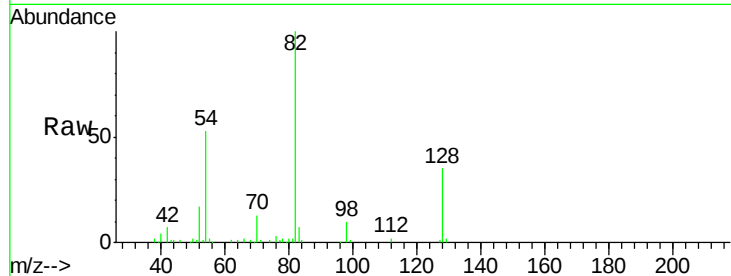




#23
Nitrobenzene-d5
Concen: 5.75 ng
RT: 7.13 min Scan# 450
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

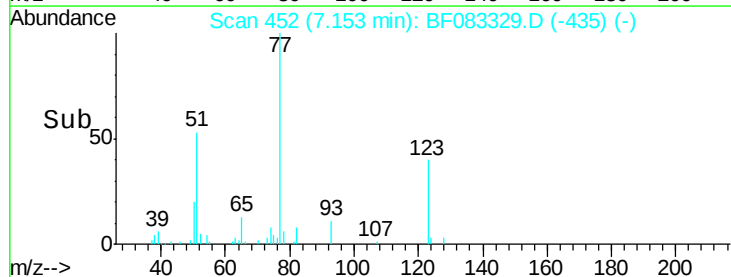
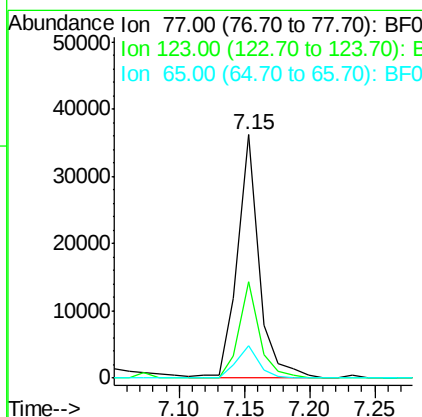
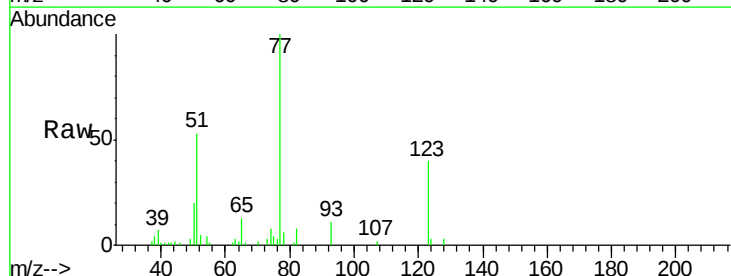
Instrument :
BNA_F
ClientSampleId :

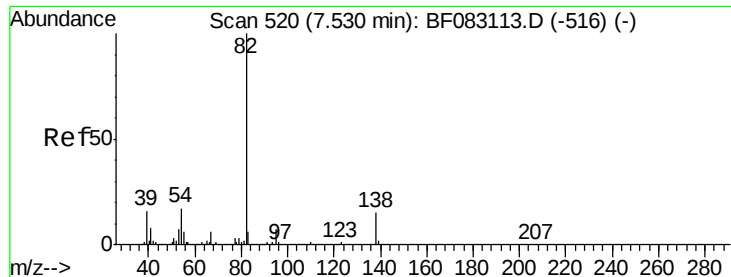
Tot Ion	82	Resp	82027
Ion Ratio	Lower	Upper	
82	100		
128	34.8	28.5	42.7
54	53.1	44.6	67.0



#24
Nitrobenzene
Concen: 2.75 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion	77	Resp	41930
Ion Ratio	Lower	Upper	
77	100		
123	39.8	30.1	45.1
65	13.3	11.6	17.4





#25

Isophorone

Concen: 2.88 ng

RT: 7.39 min Scan# 473

Delta R.T. -0.14 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

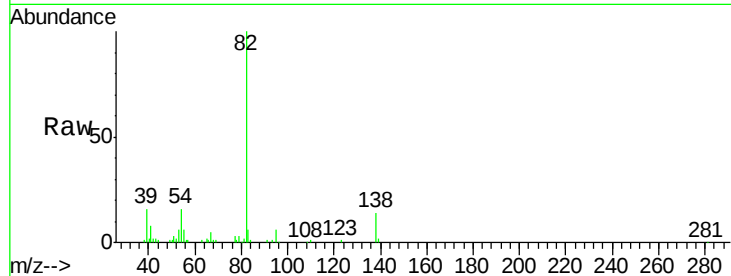
Tot Ion: 82 Resp: 77831

Ion Ratio Lower Upper

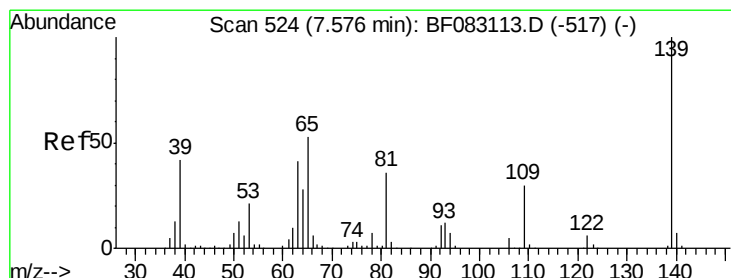
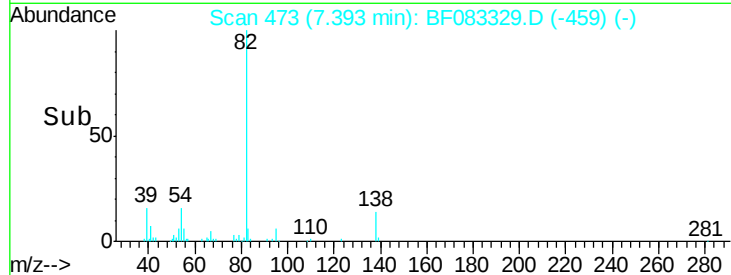
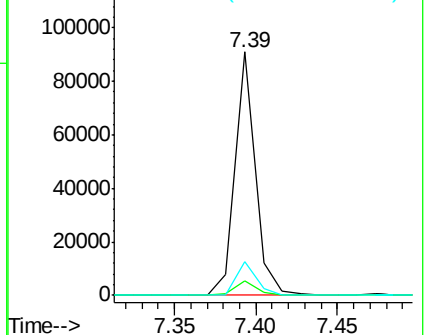
82 100

95 6.1 5.8 8.8

138 14.1 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.45 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

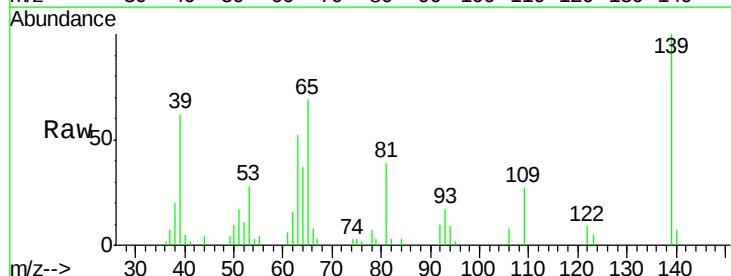
Tgt Ion: 139 Resp: 16457

Ion Ratio Lower Upper

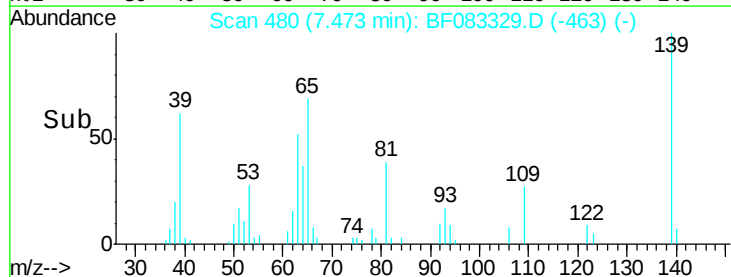
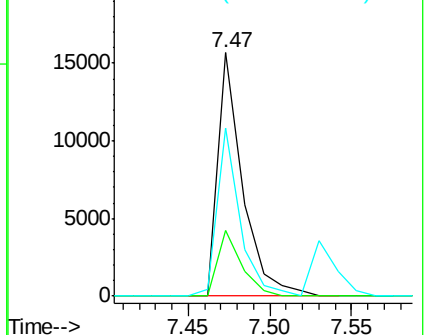
139 100

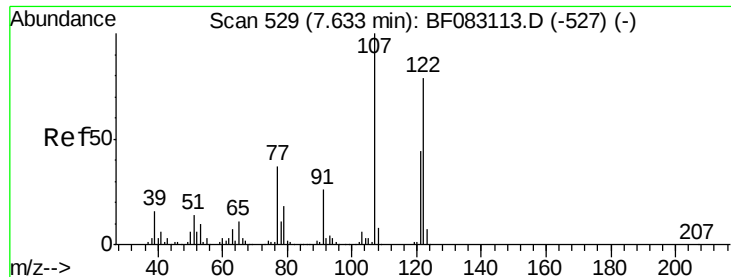
109 27.1 23.9 35.9

65 68.8 42.7 64.1#



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





#27

2,4-Dimethylphenol

Concen: 2.59 ng

RT: 7.53 min Scan# 485

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

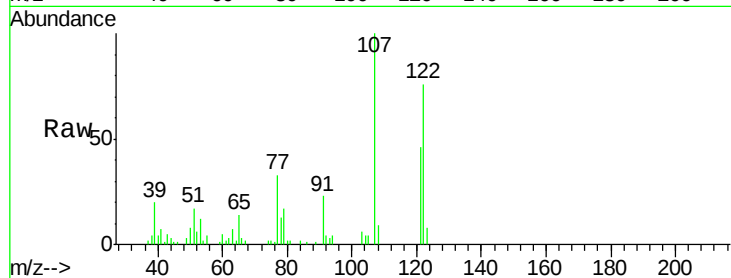
Tot Ion:122 Resp: 27781

Ion Ratio Lower Upper

122 100

107 131.0 101.1 151.7

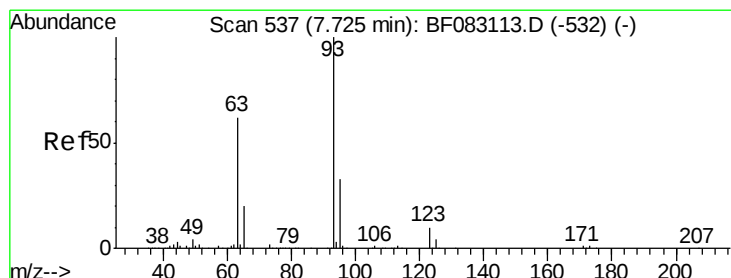
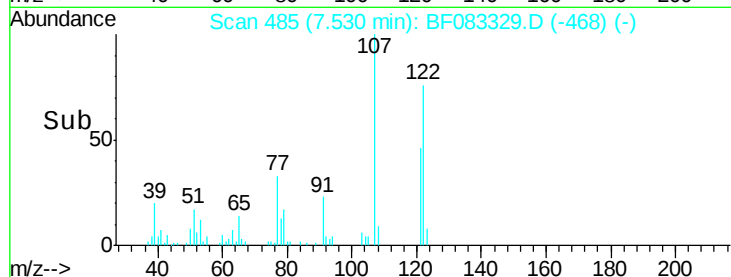
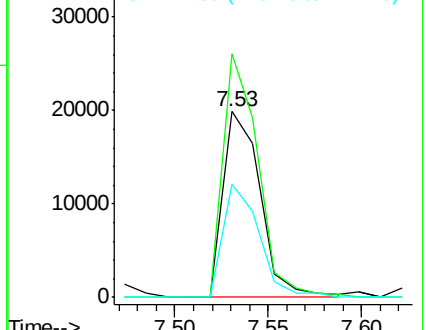
121 60.8 44.9 67.3



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: 2.56 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

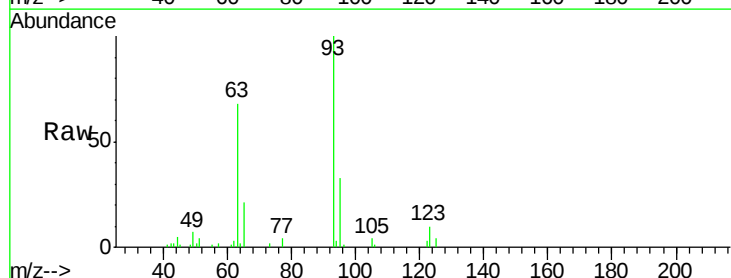
Tgt Ion: 93 Resp: 40180

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

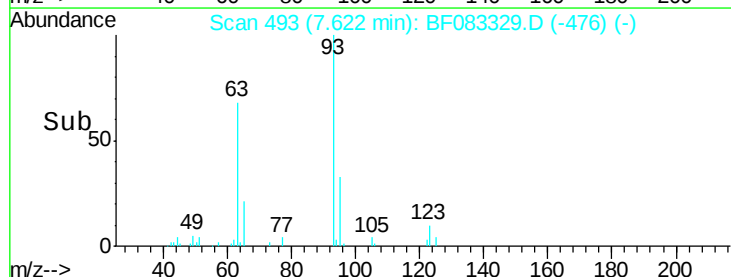
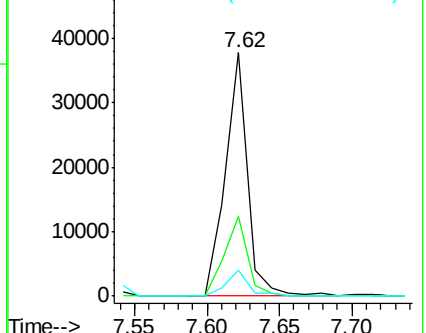
123 10.5 8.1 12.1

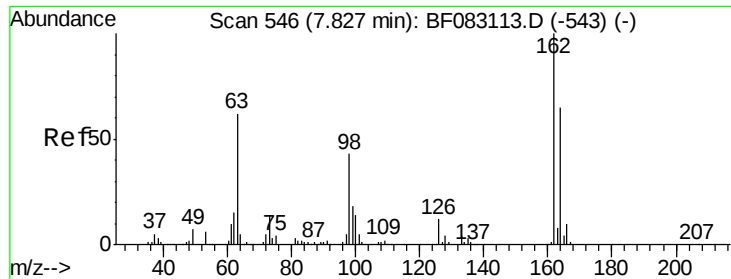


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

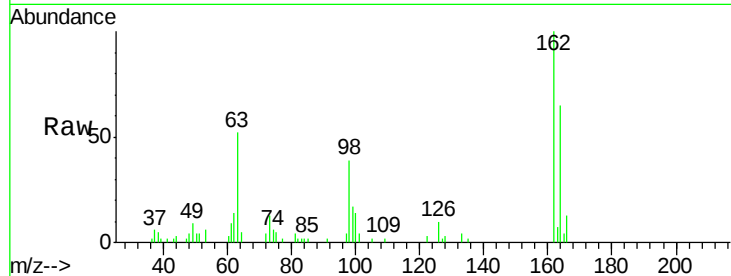




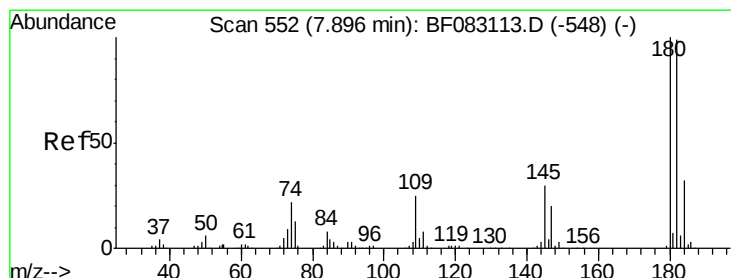
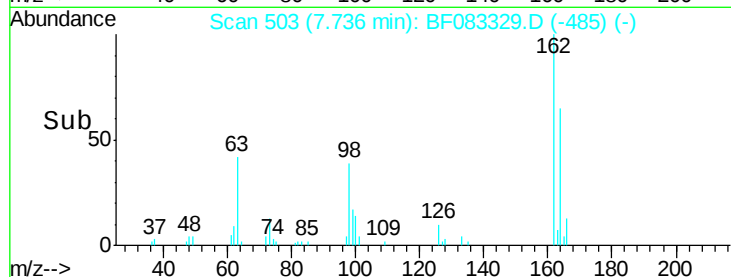
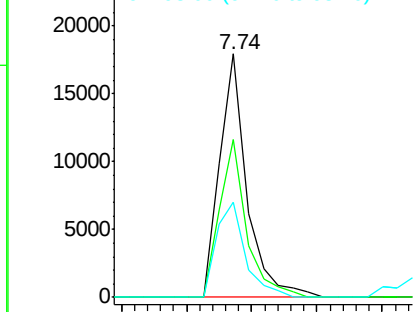
#29
2,4-Dichlorophenol
Concen: 2.55 ng
RT: 7.74 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.8	84.8
98	39.0	23.1	63.1

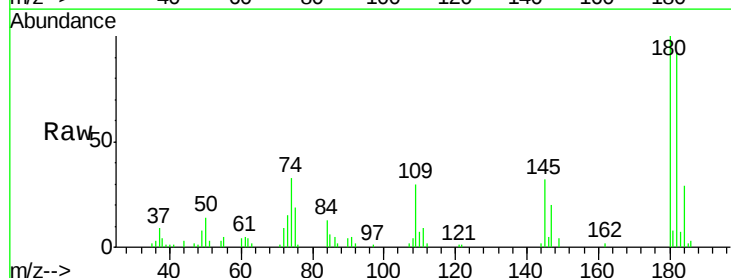


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

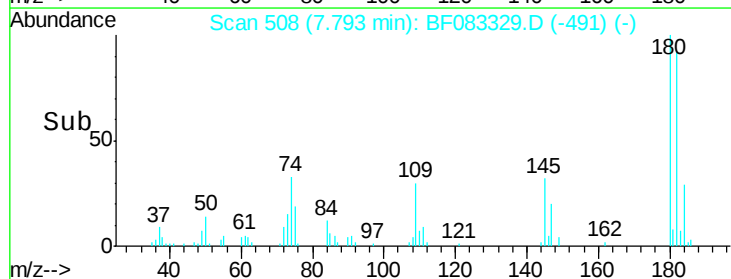
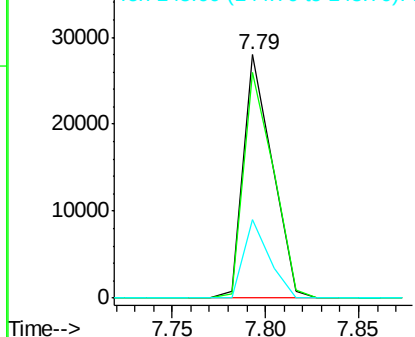


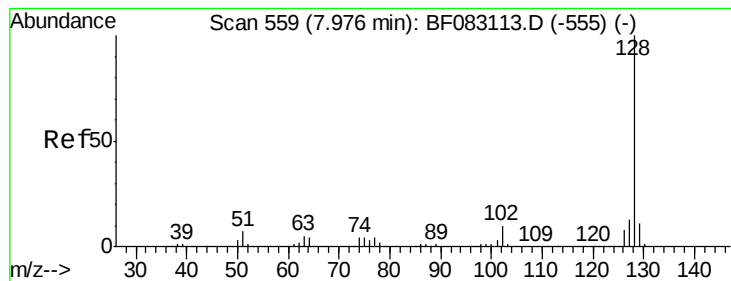
#30
1,2,4-Trichlorobenzene
Concen: 2.69 ng
RT: 7.79 min Scan# 508
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	79.0	118.6
145	32.4	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: 2.98 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

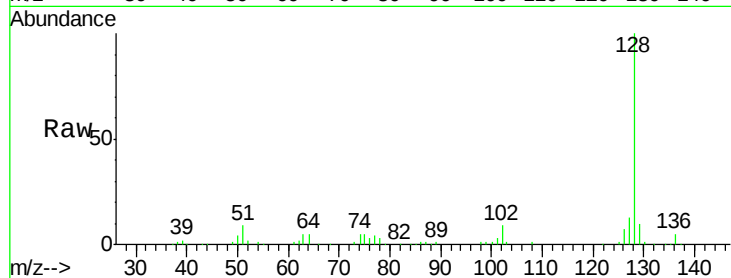
Tot Ion:128 Resp: 104904

Ion Ratio Lower Upper

128 100

129 9.9 9.0 13.4

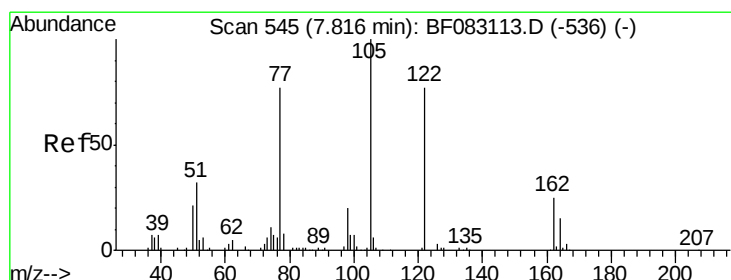
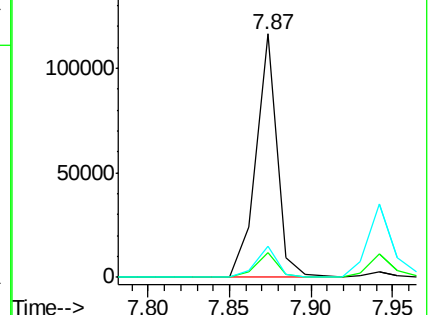
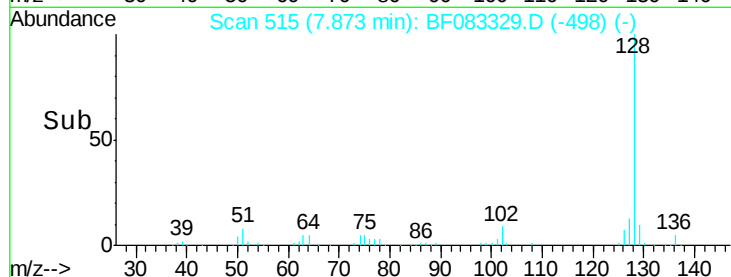
127 12.9 10.6 15.8



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: 1.23 ng

RT: 7.64 min Scan# 495

Delta R.T. -0.17 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

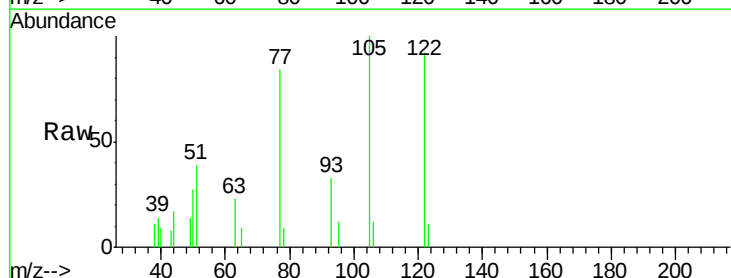
Tgt Ion:122 Resp: 10226

Ion Ratio Lower Upper

122 100

105 108.3 109.7 149.7#

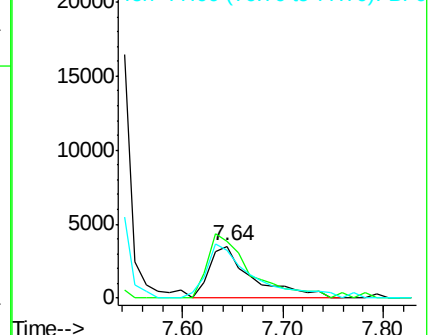
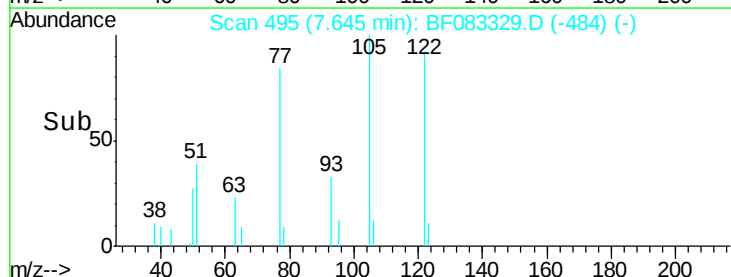
77 90.8 79.7 119.7



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

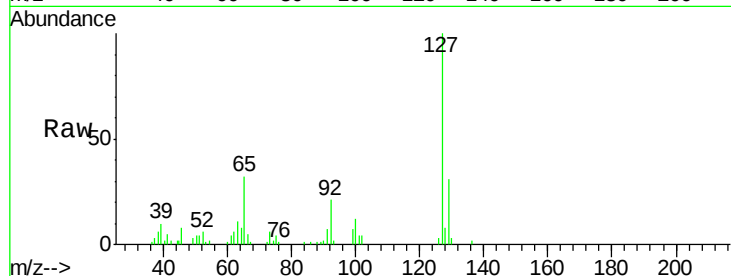




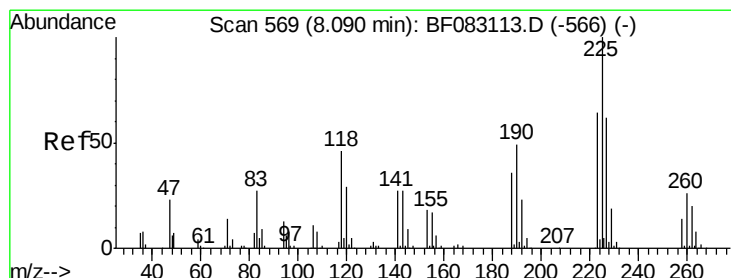
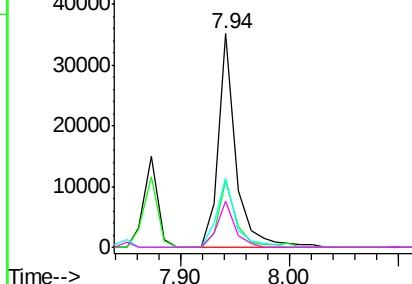
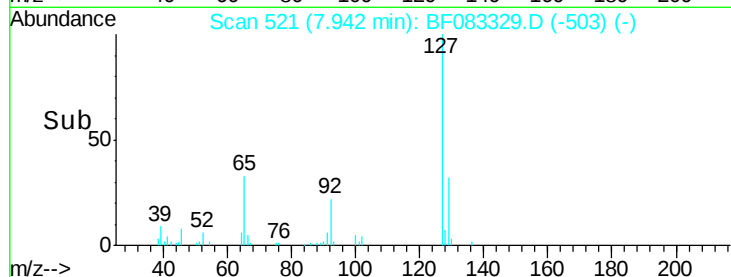
#33
4-Chloroaniline
Concen: 2.93 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.09 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	39935
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	32.5	35.5	53.3
92	21.4	19.4	29.2

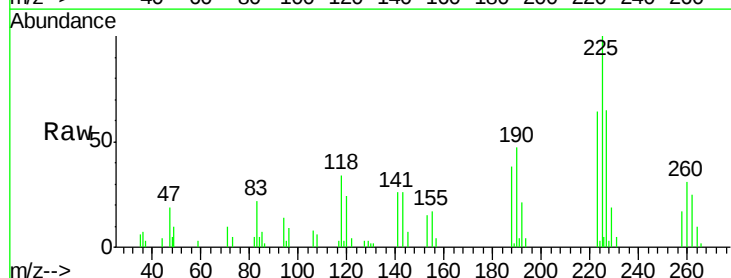


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

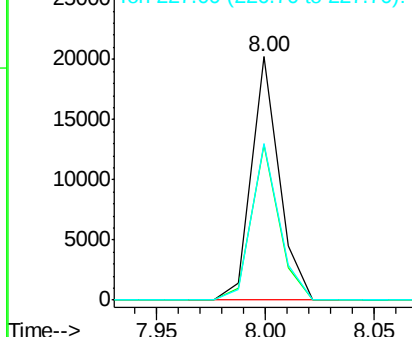
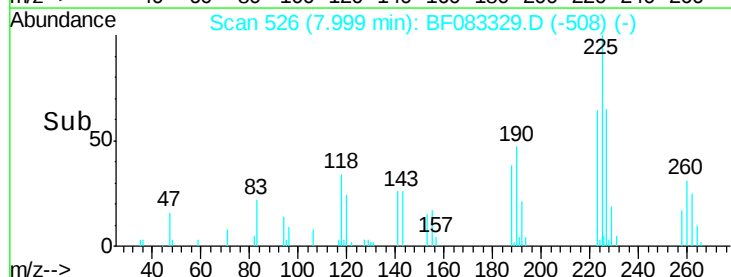


#34
Hexachlorobutadiene
Concen: 2.70 ng
RT: 8.00 min Scan# 526
Delta R.T. -0.09 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:	225	Resp:	17924
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.3	76.9
227	64.5	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: 2.26 ng

RT: 8.27 min Scan# 550

Delta R.T. -0.22 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

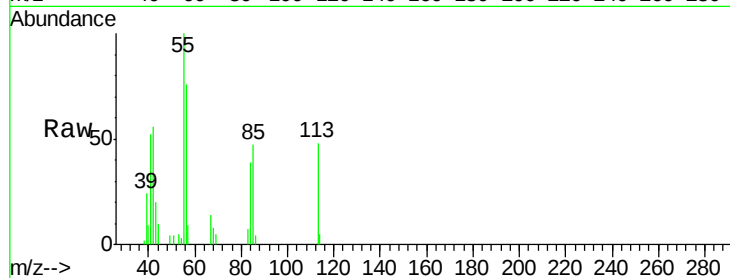
Tot Ion:113 Resp: 7394

Ion Ratio Lower Upper

113 100

55 207.4 192.6 232.6

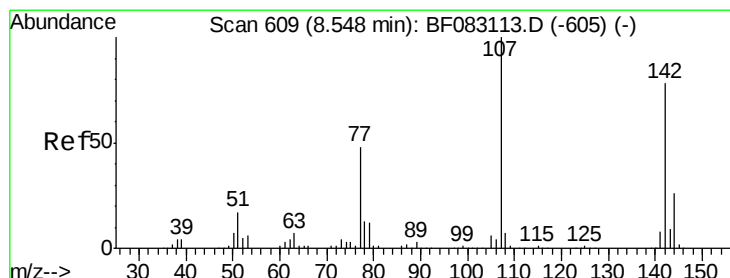
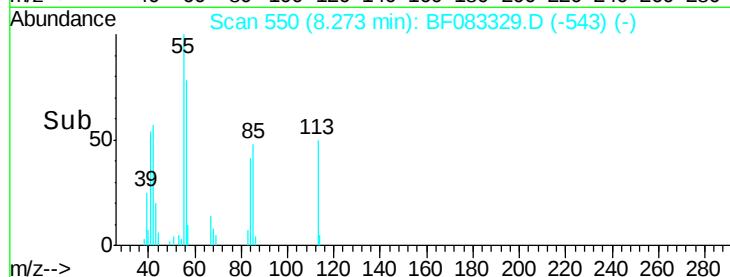
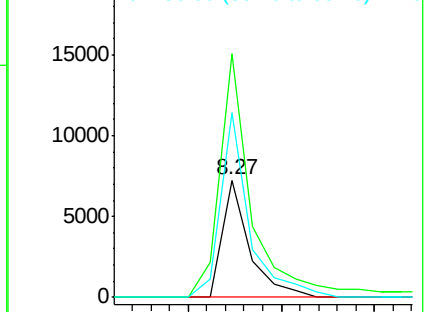
56 157.3 148.6 188.6



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: 2.62 ng

RT: 8.43 min Scan# 564

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

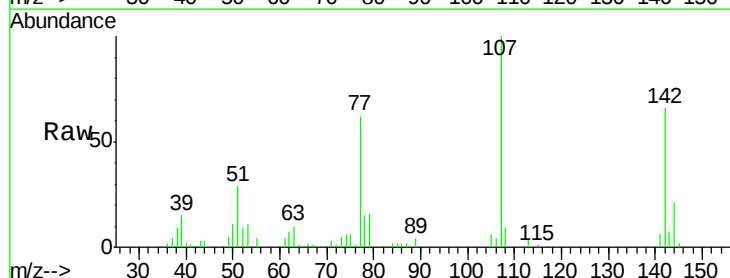
Tgt Ion:107 Resp: 31000

Ion Ratio Lower Upper

107 100

144 21.3 20.8 31.2

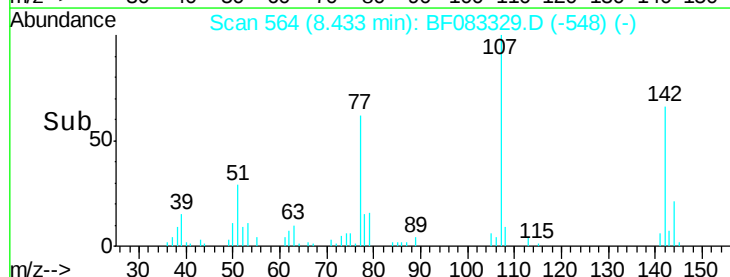
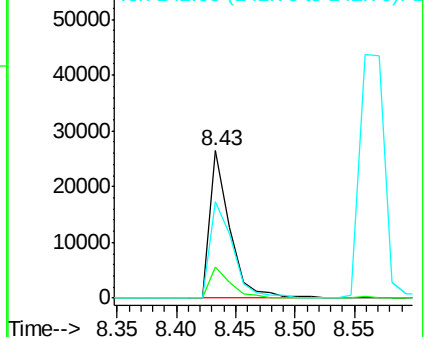
142 65.7 62.1 93.1

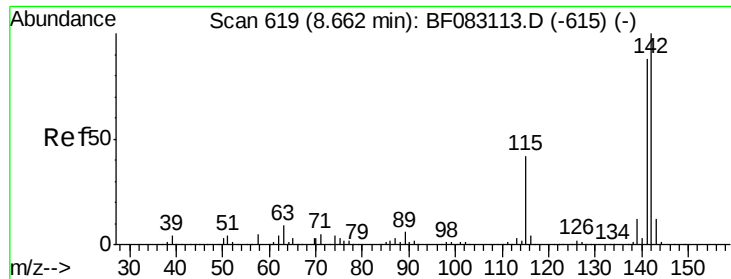


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

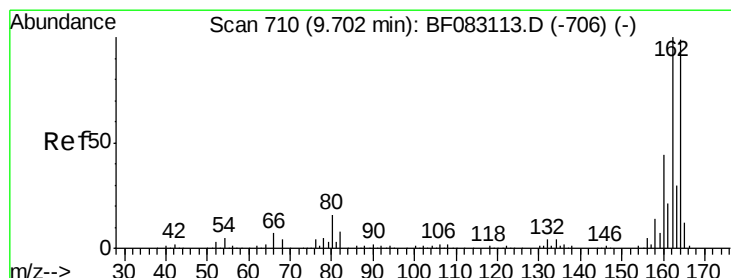
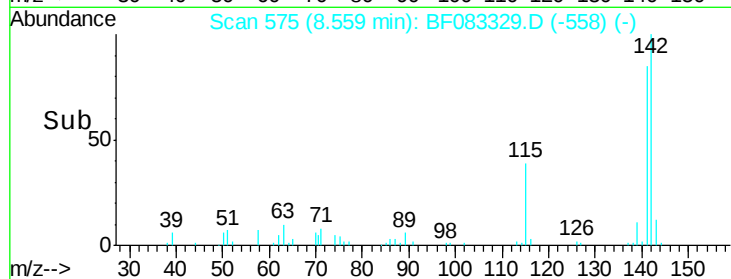
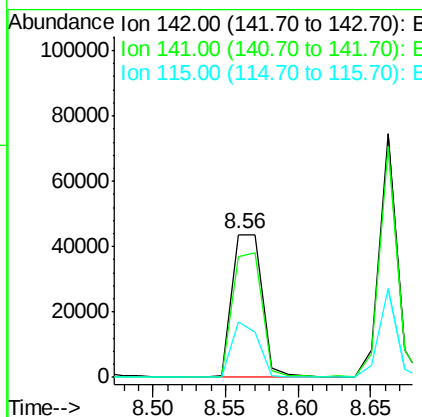
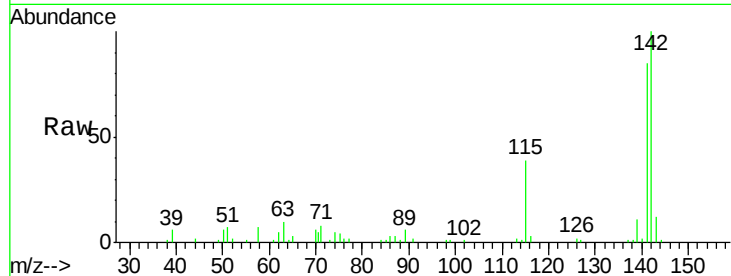




#37
2-Methylnaphthalene
Concen: 2.78 ng
RT: 8.56 min Scan# 575
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

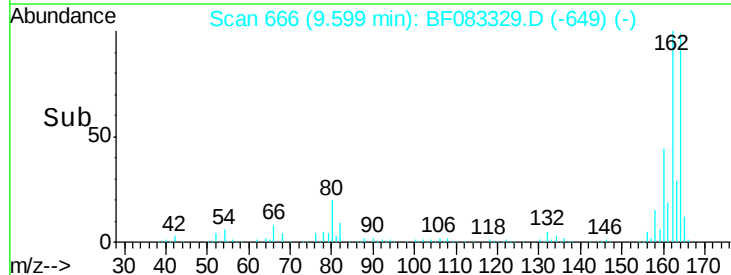
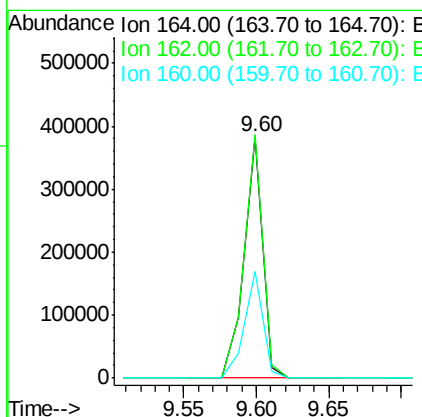
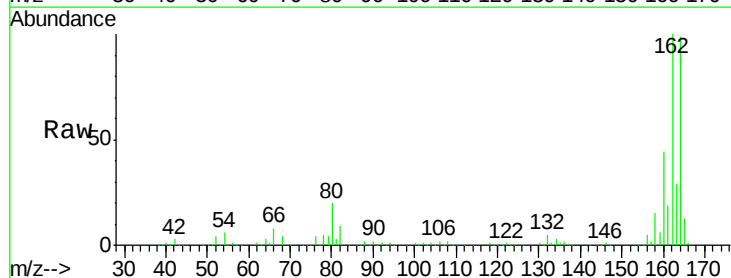
Instrument :
BNA_F
ClientSampleId :

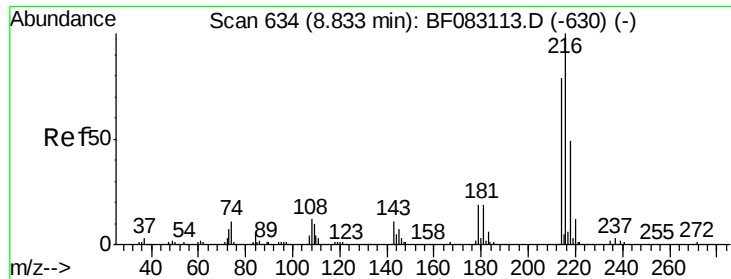
Tot Ion:142 Resp: 63349
Ion Ratio Lower Upper
142 100
141 84.6 70.3 105.5
115 39.0 33.4 50.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:164 Resp: 342063
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.1 35.6 53.4

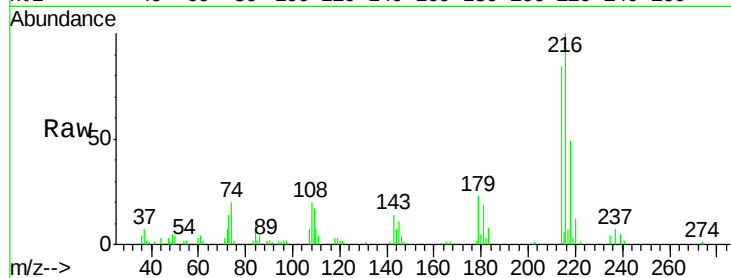




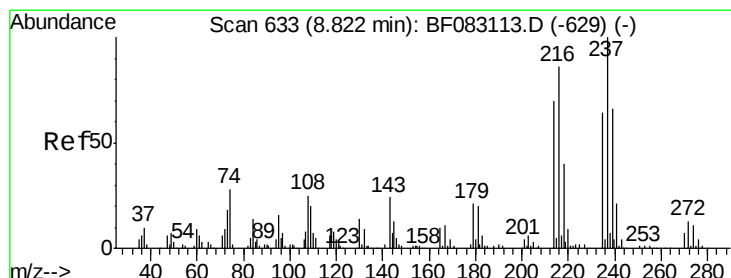
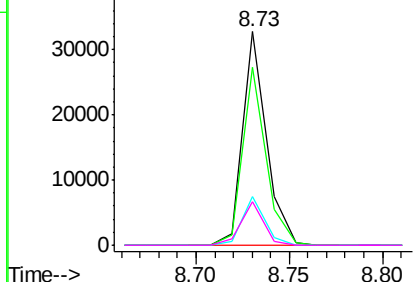
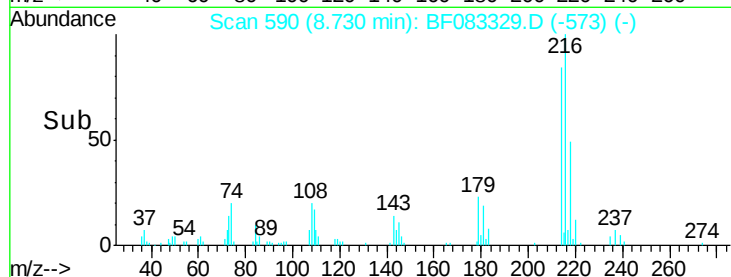
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.63 ng
 RT: 8.73 min Scan# 590
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	29135
Ion Ratio	Lower	Upper
216	100	
214	82.2	63.8 95.8
179	21.1	17.0 25.6
108	19.4	15.2 22.8

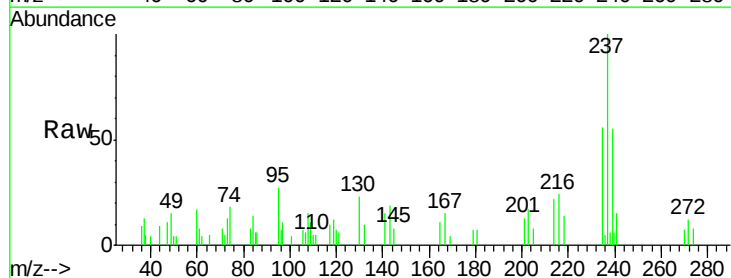


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

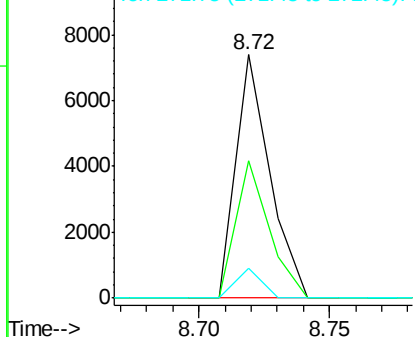
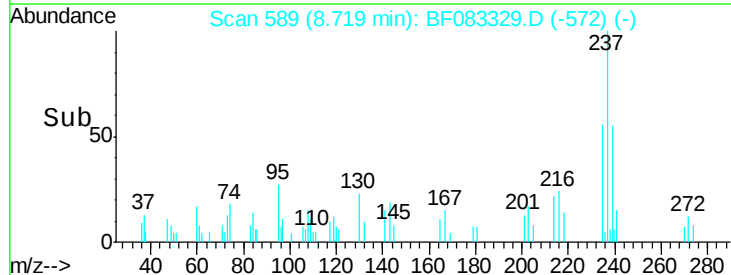


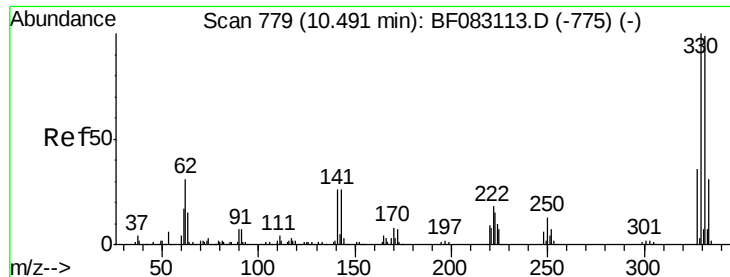
#40
 Hexachlorocyclopentadiene
 Concen: 1.07 ng
 RT: 8.72 min Scan# 589
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:237	Resp:	6730
Ion Ratio	Lower	Upper
237	100	
235	56.3	43.5 83.5
272	12.2	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

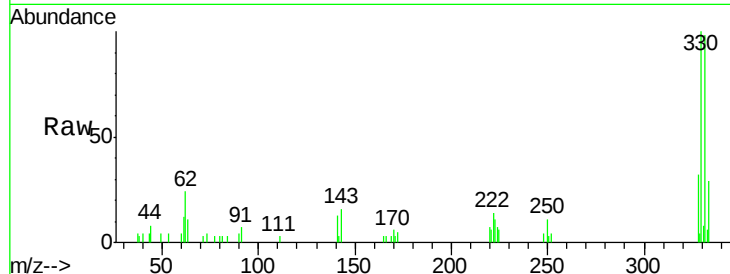




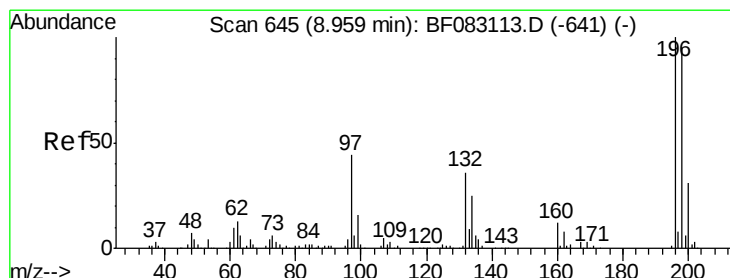
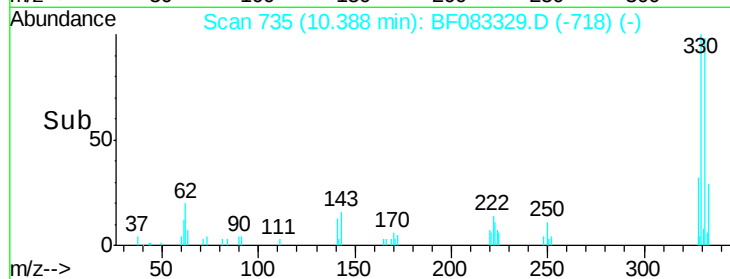
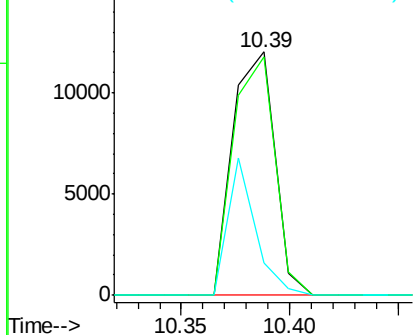
#41
 2,4,6-Tribromophenol
 Concen: 4.60 ng
 RT: 10.39 min Scan# 735
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 16108
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 37.2 29.7 44.5

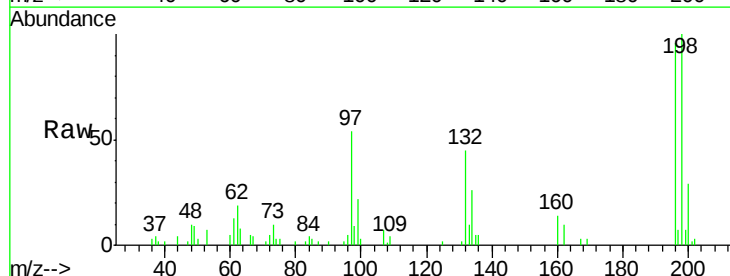


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

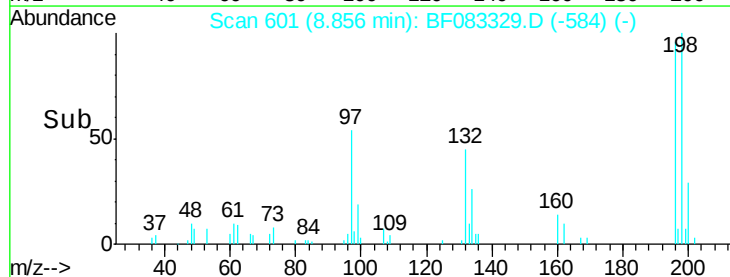
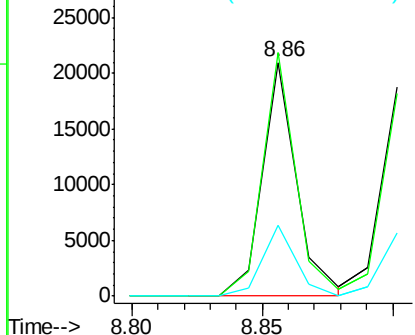


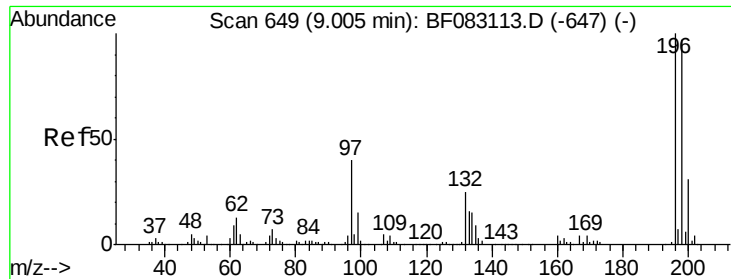
#42
 2,4,6-Trichlorophenol
 Concen: 2.39 ng
 RT: 8.86 min Scan# 601
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:196 Resp: 18986
 Ion Ratio Lower Upper
 196 100
 198 104.2 75.9 113.9
 200 30.5 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

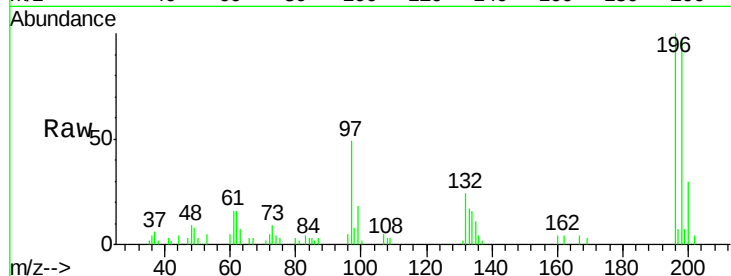




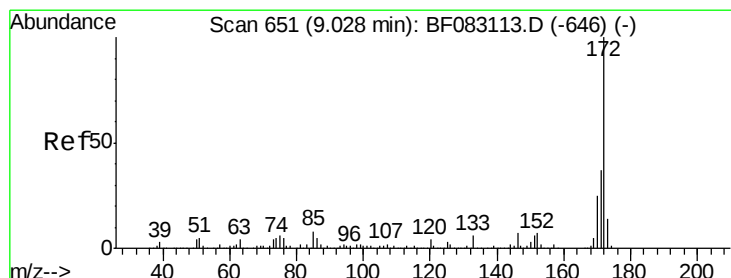
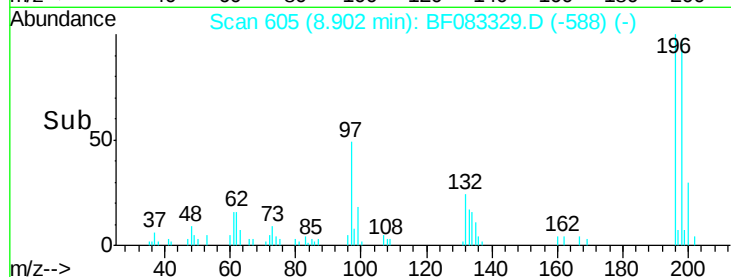
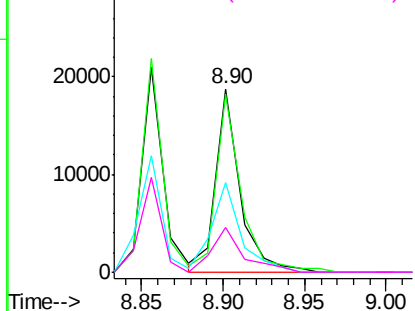
#43
 2,4,5-Trichlorophenol
 Concen: 2.41 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.6	116.4
97	48.9	32.6	48.8
132	24.2	19.8	29.8

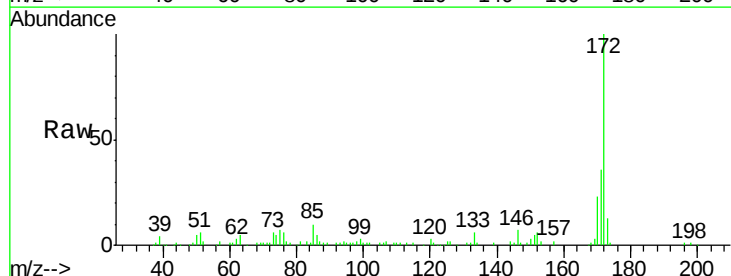


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

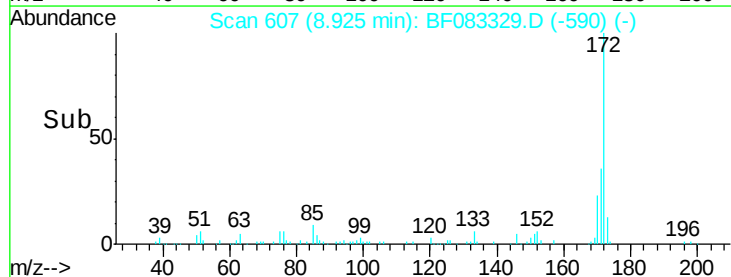
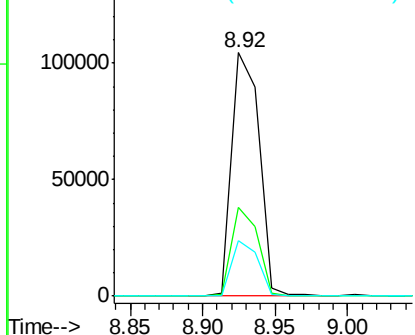


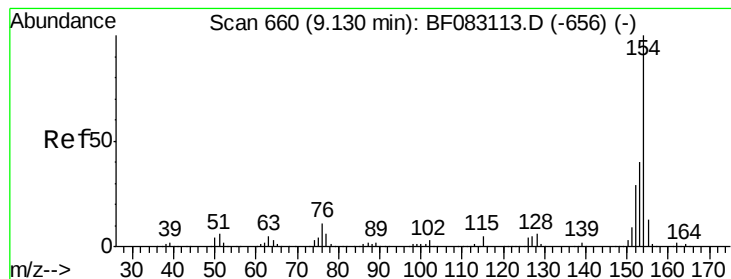
#44
 2-Fluorobiphenyl
 Concen: 5.61 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	22.5	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: 2.98 ng

RT: 9.03 min Scan# 616

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

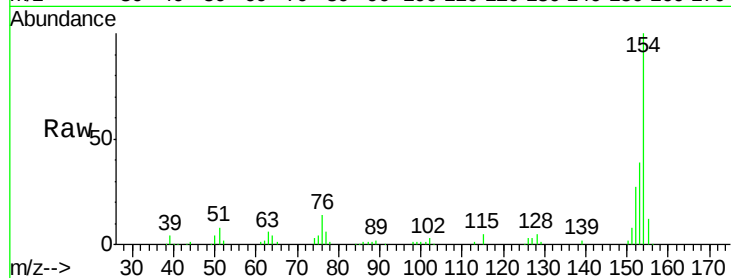
Tot Ion:154 Resp: 86902

Ion Ratio Lower Upper

154 100

153 39.1 20.5 60.5

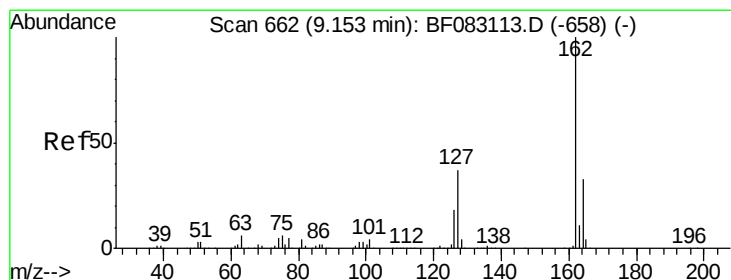
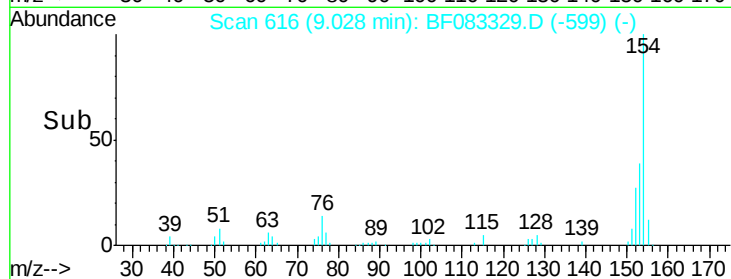
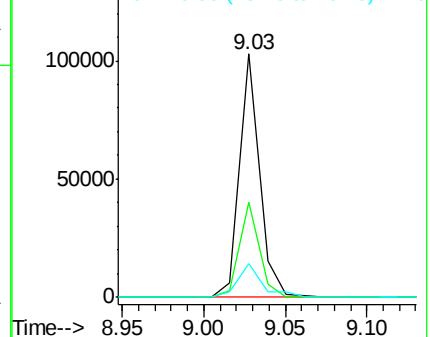
76 13.7 0.0 31.2



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): E



#46

2-Chloronaphthalene

Concen: 2.70 ng

RT: 9.05 min Scan# 618

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

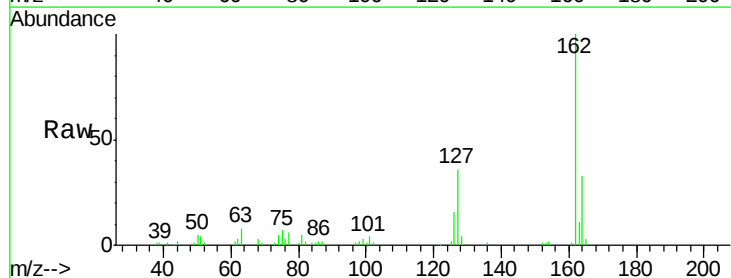
Tgt Ion:162 Resp: 61793

Ion Ratio Lower Upper

162 100

127 36.5 29.4 44.2

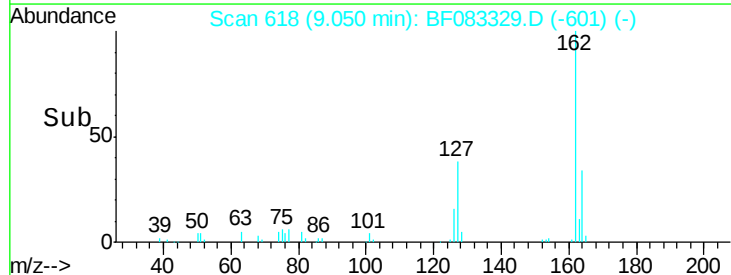
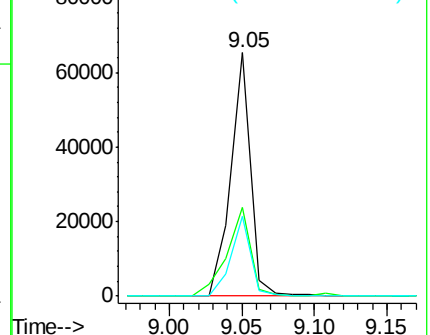
164 33.0 26.2 39.4

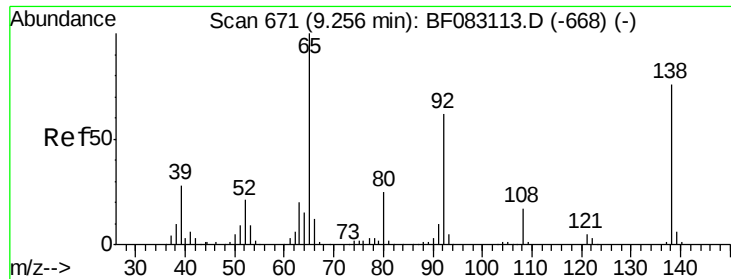


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

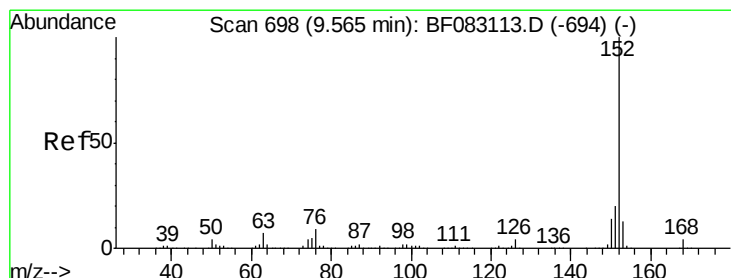
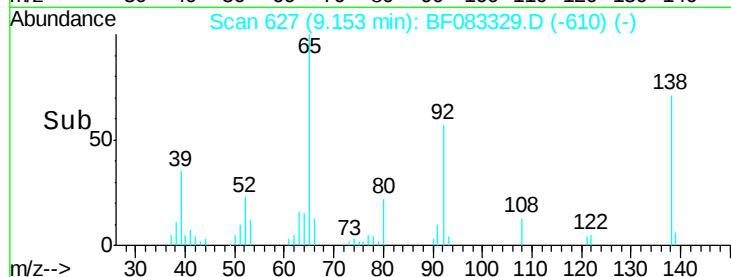
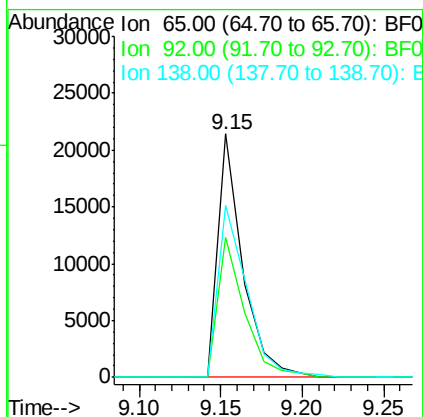
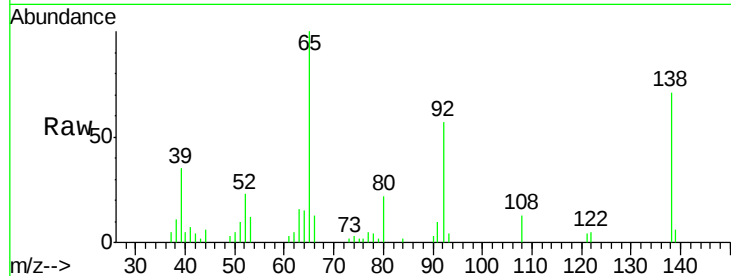




#47
2-Nitroaniline
Concen: 2.79 ng
RT: 9.15 min Scan# 627
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

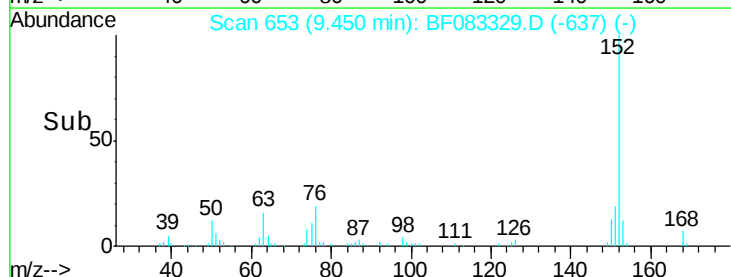
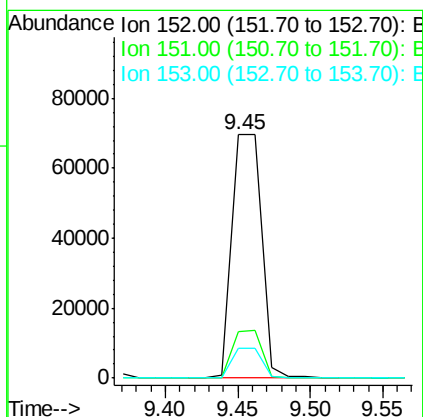
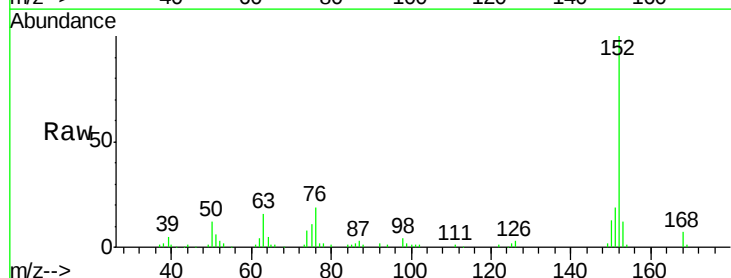
Instrument :
BNA_F
ClientSampled :

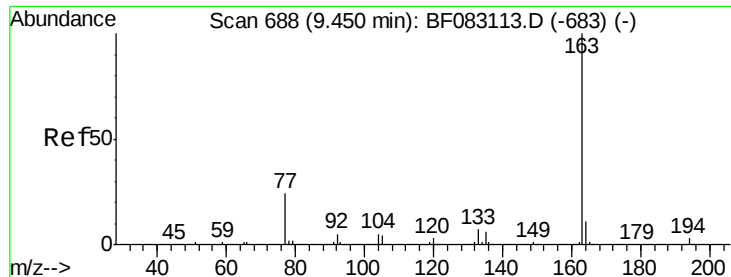
Tot Ion: 65 Resp: 22607
Ion Ratio Lower Upper
65 100
92 57.5 49.5 74.3
138 70.8 60.7 91.1



#48
Acenaphthylene
Concen: 2.78 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.11 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion: 152 Resp: 98693
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5
153 12.2 10.8 16.2

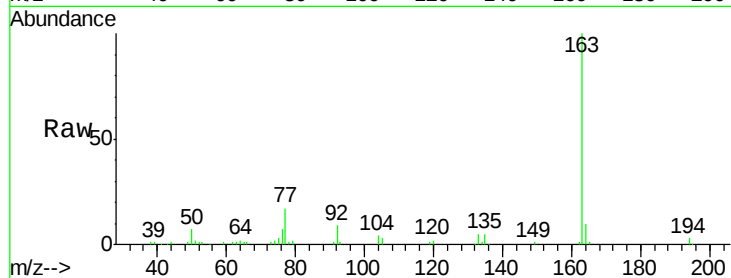




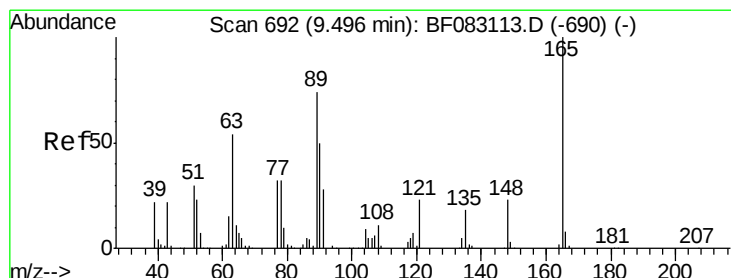
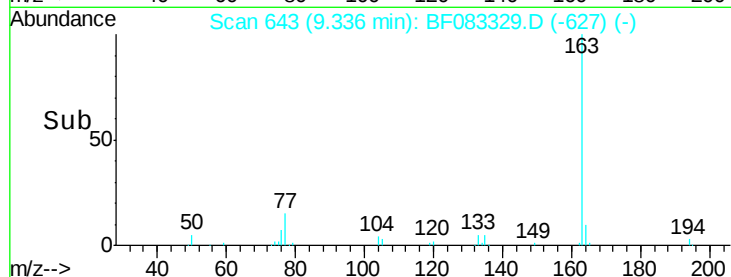
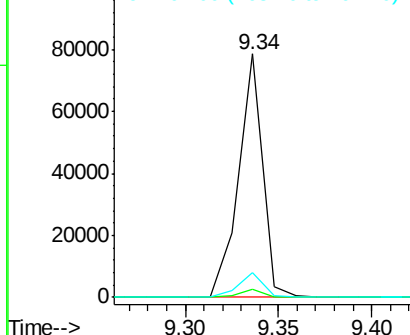
#49
Dimethylphthalate
Concen: 2.69 ng
RT: 9.34 min Scan# 643
Delta R.T. -0.11 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 70872
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.6 12.8

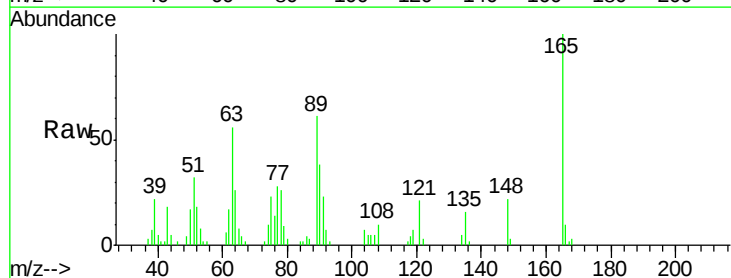


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

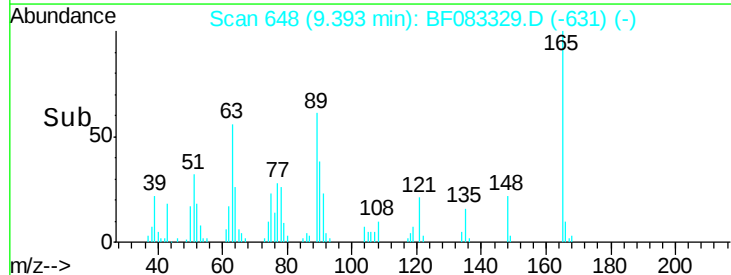
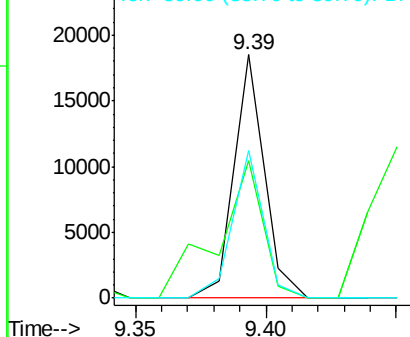


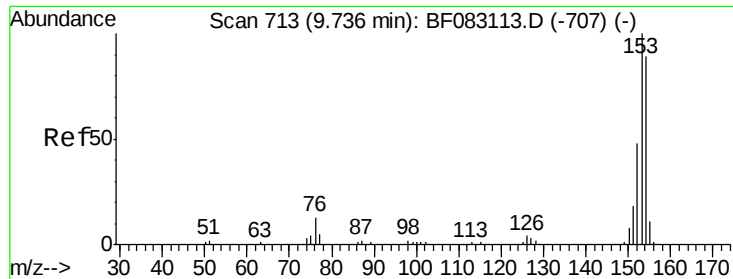
#50
2,6-Dinitrotoluene
Concen: 2.56 ng
RT: 9.39 min Scan# 648
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:165 Resp: 15150
Ion Ratio Lower Upper
165 100
63 56.4 62.5 93.7#
89 60.5 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: 2.55 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

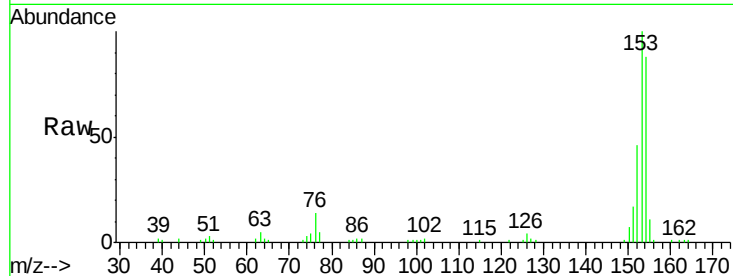
Tot Ion:154 Resp: 54994

Ion Ratio Lower Upper

154 100

153 113.3 89.6 134.4

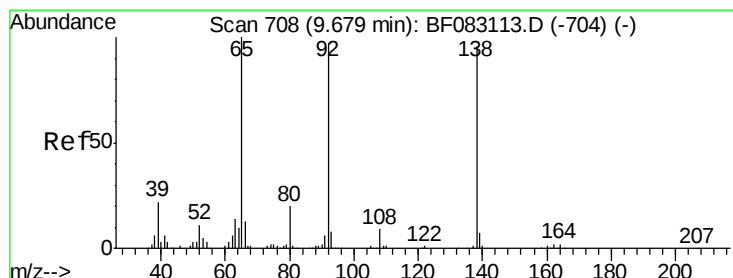
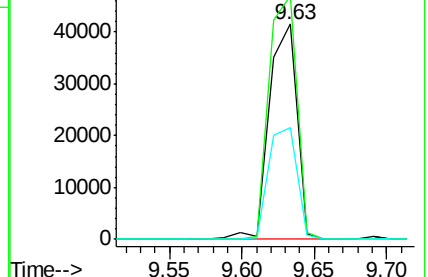
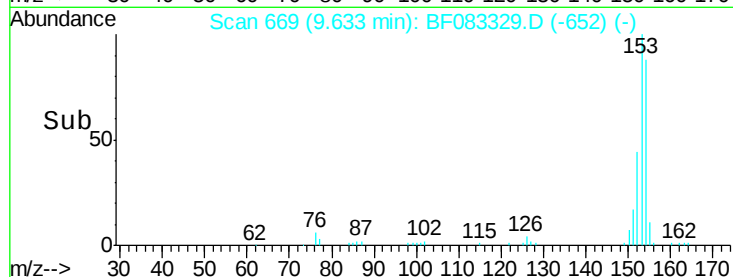
152 52.1 43.3 64.9



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: 2.62 ng

RT: 9.56 min Scan# 663

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

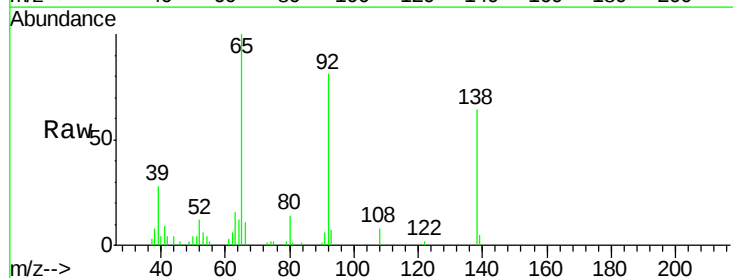
Tgt Ion:138 Resp: 16516

Ion Ratio Lower Upper

138 100

108 11.9 7.8 11.6#

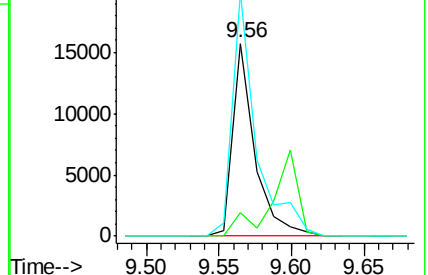
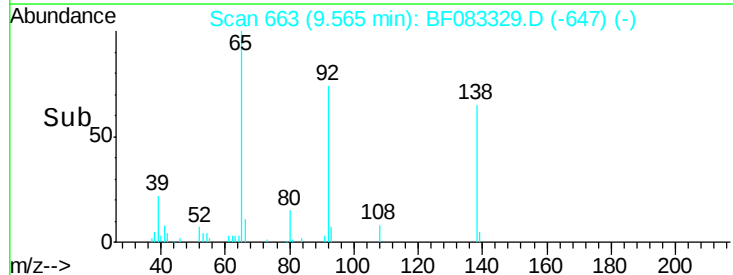
92 126.4 81.1 121.7#

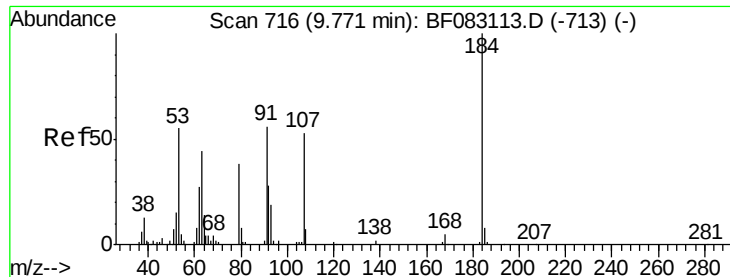


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

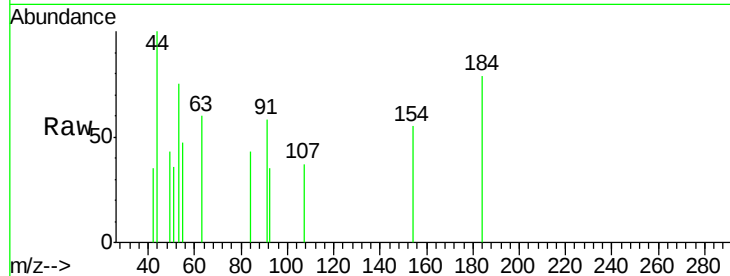




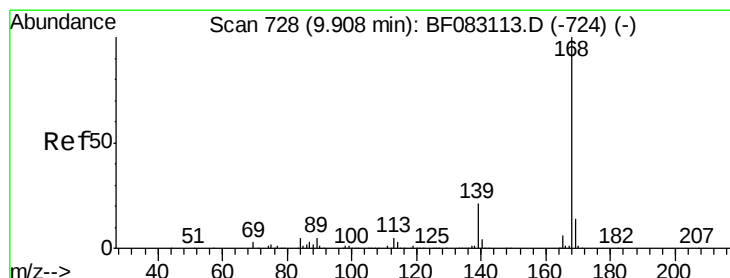
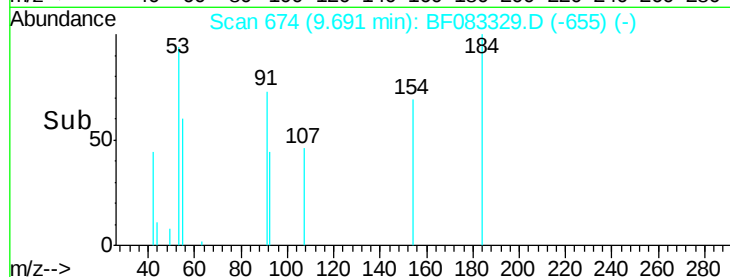
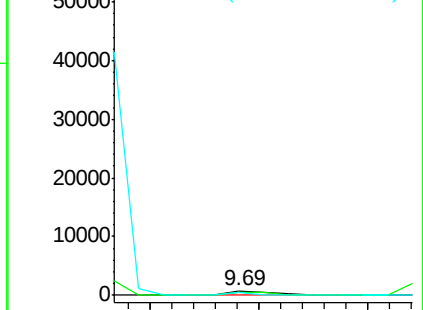
#53
2,4-Dinitrophenol
Concen: 0.32 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 1086
Ion Ratio Lower Upper
184 100
63 75.4 60.5 90.7
154 69.1 54.3 81.5

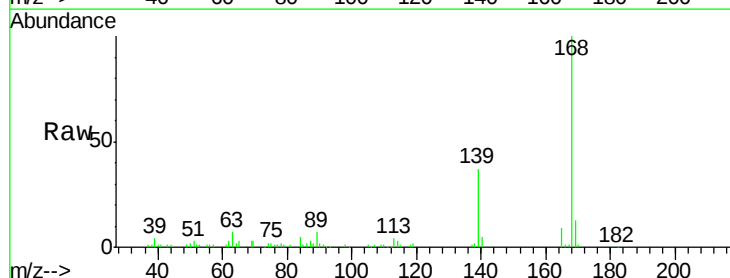


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

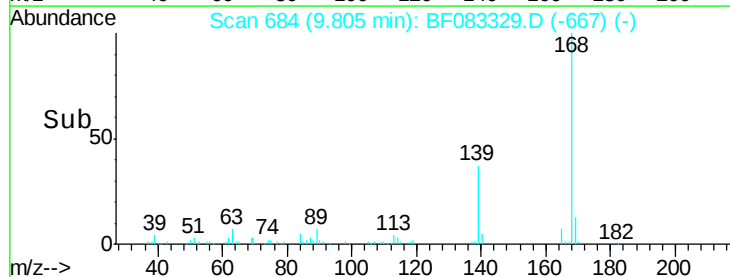
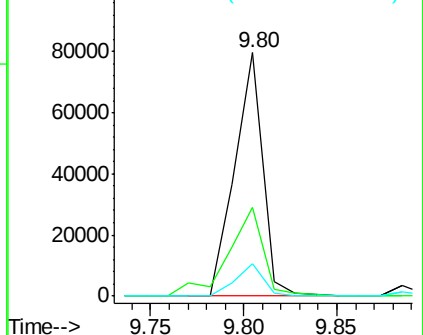


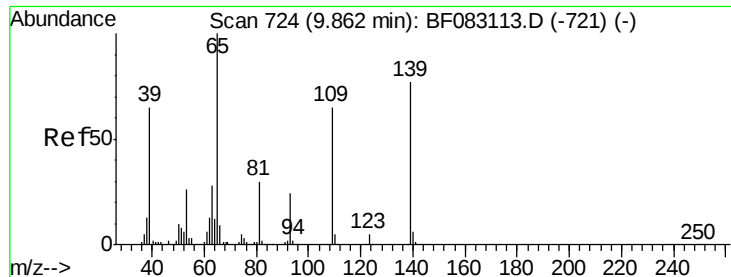
#54
Dibenzofuran
Concen: 2.75 ng
RT: 9.80 min Scan# 684
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:168 Resp: 83959
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.3 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: 8.15 ng

RT: 9.80 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

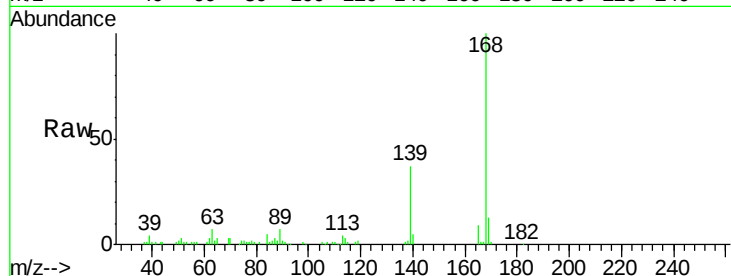
Tot Ion:139 Resp: 39353

Ion Ratio Lower Upper

139 100

109 2.7 64.0 104.0#

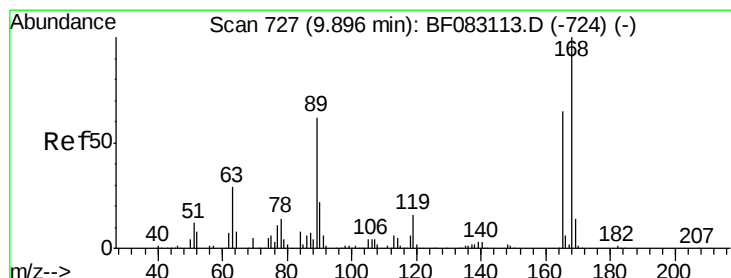
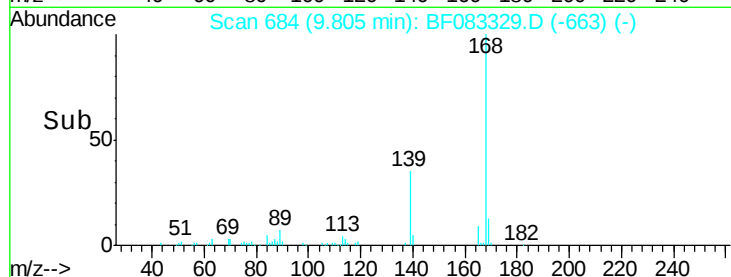
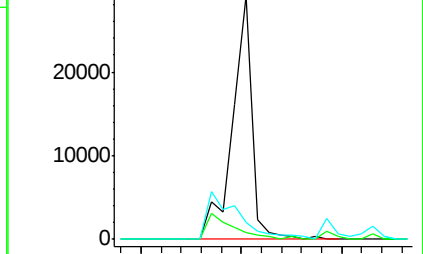
65 7.2 109.5 149.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 2.54 ng

RT: 9.79 min Scan# 683

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Tgt Ion:165 Resp: 19018

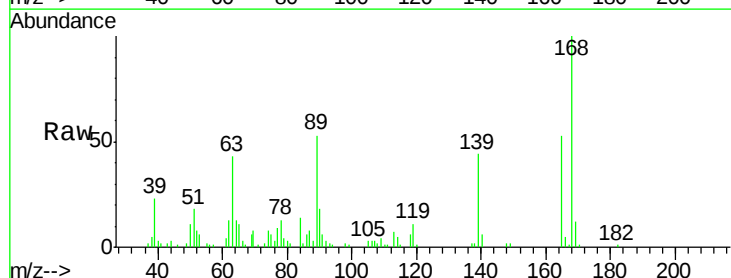
Ion Ratio Lower Upper

165 100

63 80.4 54.5 81.7

89 99.4 77.3 115.9

182 2.8 1.8 2.6#

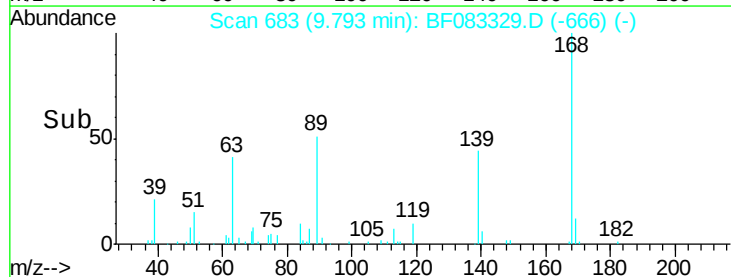
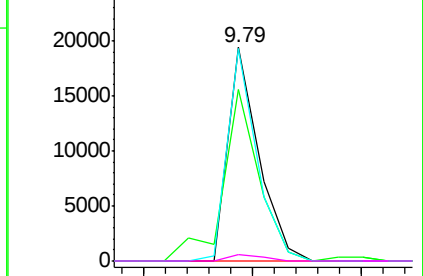


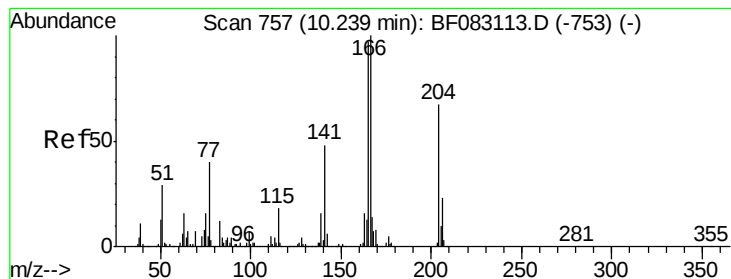
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 2.84 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

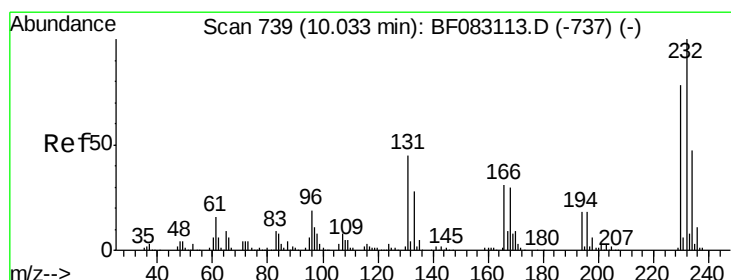
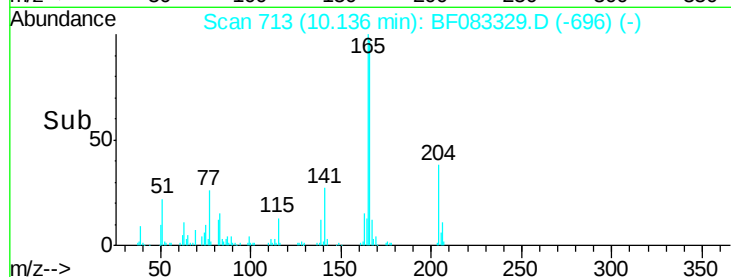
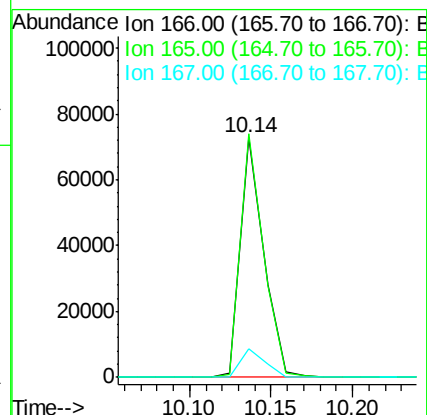
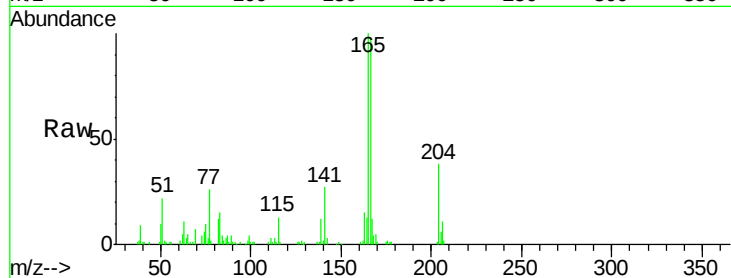
Tot Ion:166 Resp: 71655

Ion Ratio Lower Upper

166 100

165 101.8 78.0 117.0

167 12.2 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.35 ng

RT: 9.93 min Scan# 695

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Tgt Ion:232 Resp: 15651

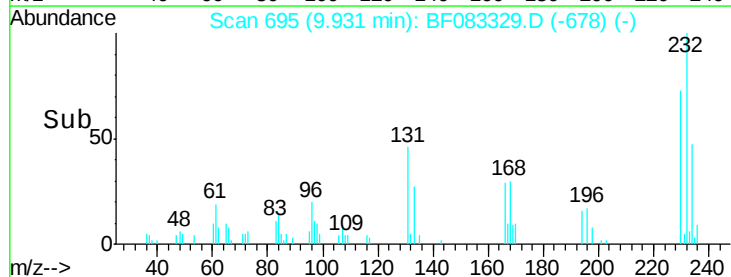
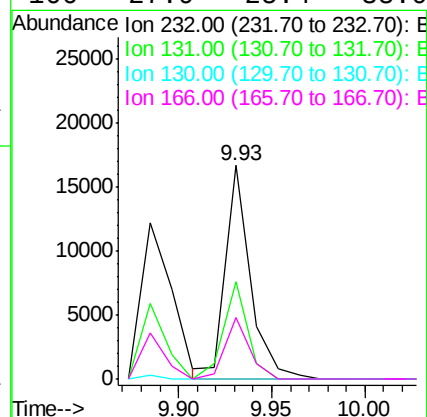
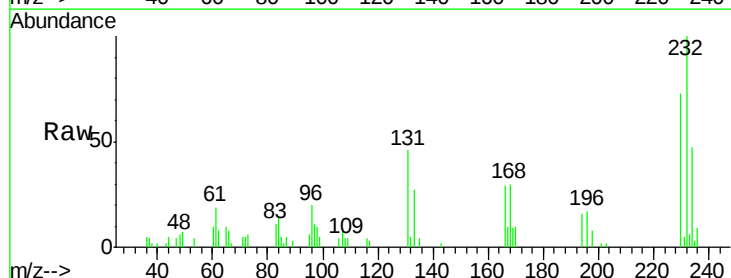
Ion Ratio Lower Upper

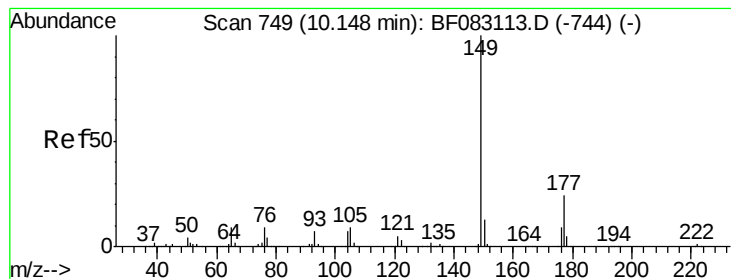
232 100

131 43.9 38.6 57.8

130 0.0 1.9 2.9#

166 27.9 25.4 38.0





#59

Diethylphthalate

Concen: 2.44 ng

RT: 10.03 min Scan# 704

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

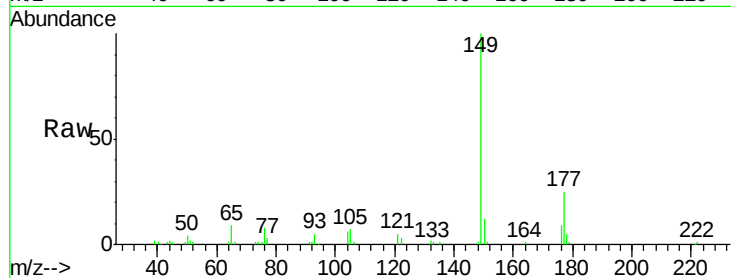
Tot Ion:149 Resp: 63838

Ion Ratio Lower Upper

149 100

177 24.5 19.4 29.2

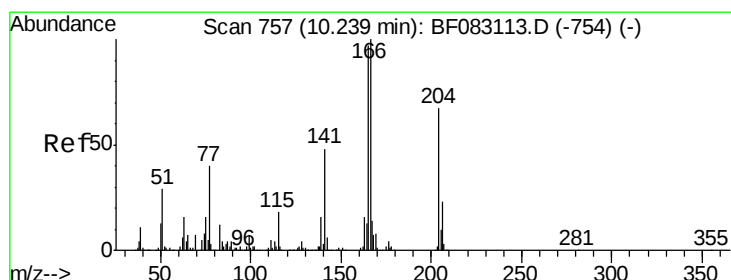
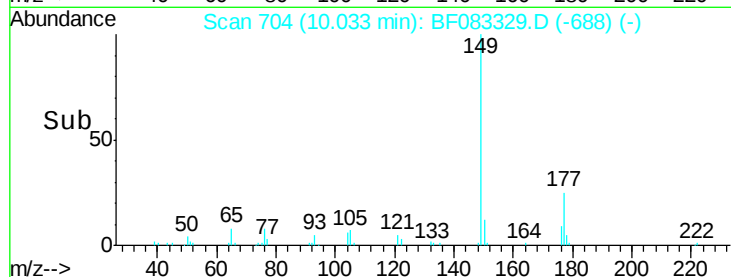
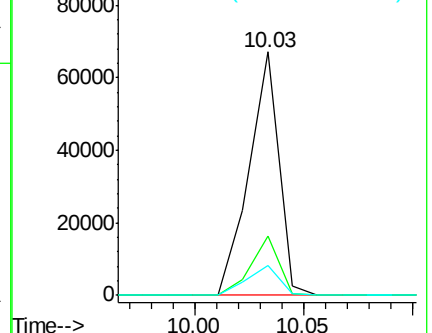
150 12.4 10.2 15.2



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: 2.72 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

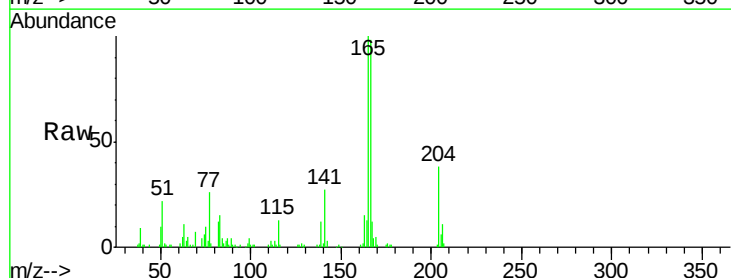
Tgt Ion:204 Resp: 31396

Ion Ratio Lower Upper

204 100

206 29.1 27.4 41.0

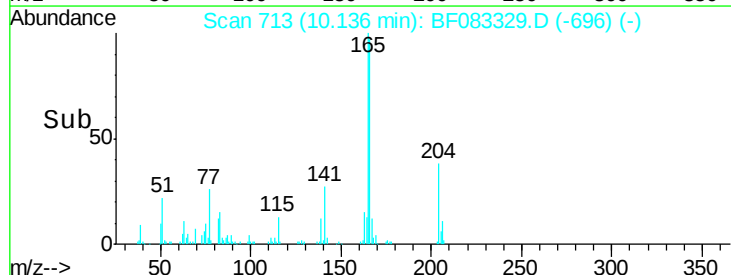
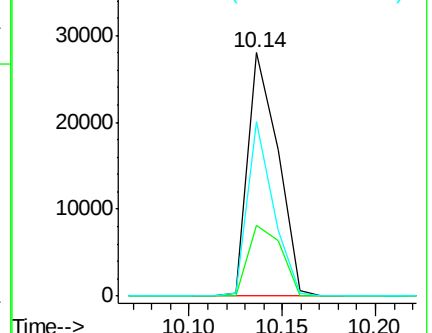
141 71.5 57.4 86.2

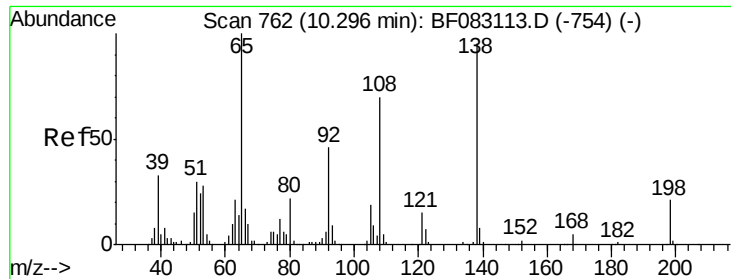


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

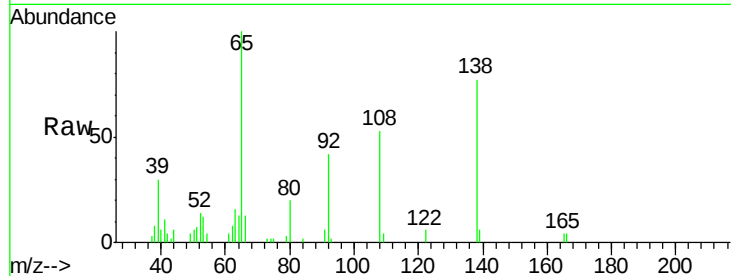




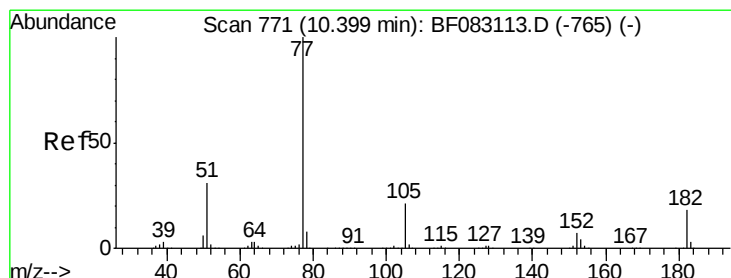
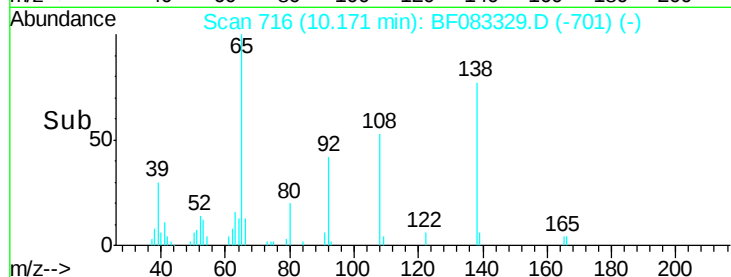
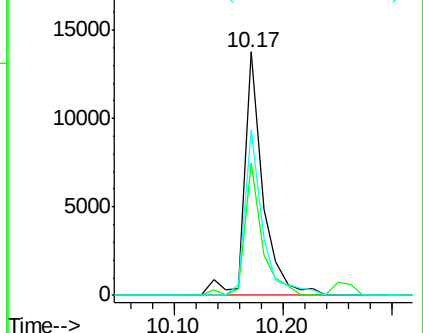
#61
4-Nitroaniline
Concen: 2.58 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.13 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 16027
Ion Ratio Lower Upper
138 100
92 54.5 28.4 68.4
108 68.0 53.5 93.5



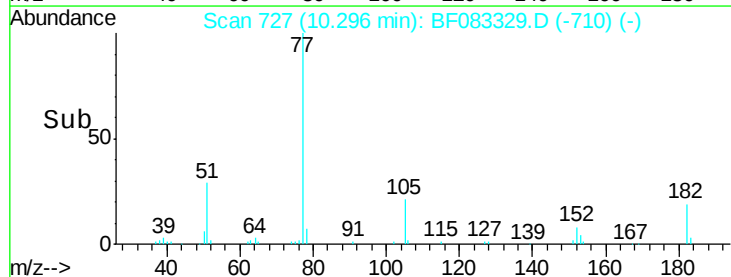
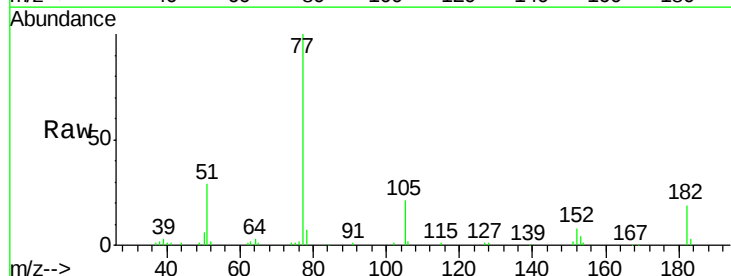
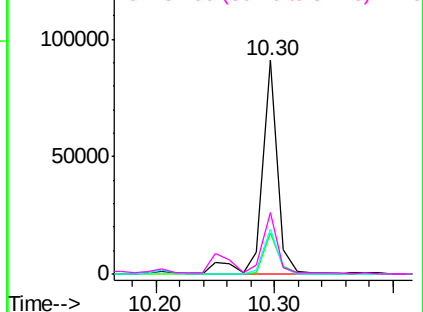
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 2.82 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion: 77 Resp: 84273
Ion Ratio Lower Upper
77 100
182 19.1 0.0 38.3
105 21.0 1.2 41.2
51 29.1 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: 11.07 min Scan# 795

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

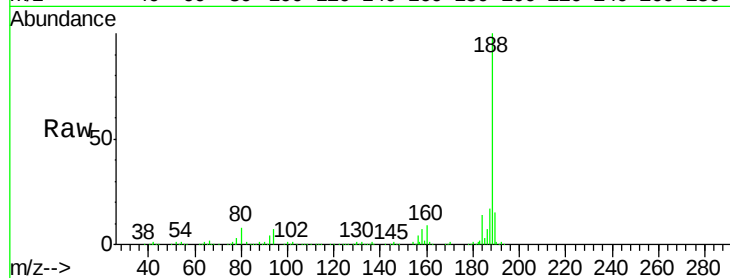
Tot Ion:188 Resp: 602706

Ion Ratio Lower Upper

188 100

94 7.1 6.0 9.0

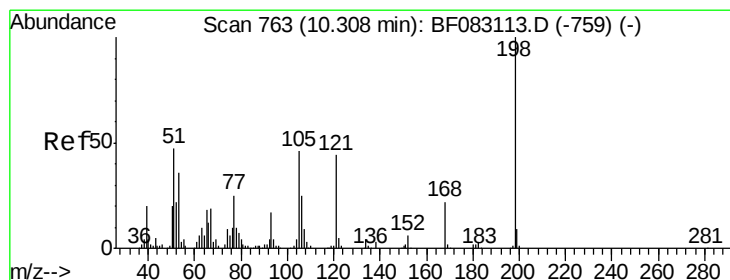
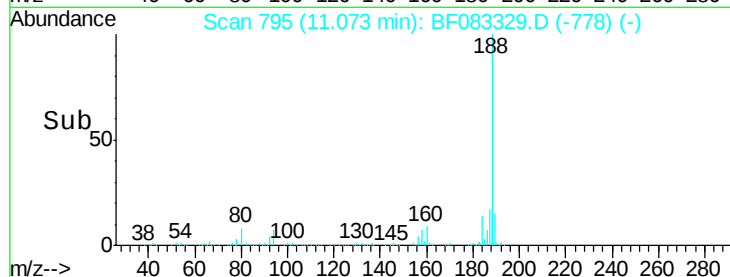
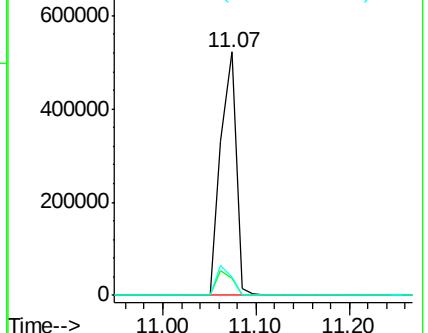
80 7.6 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.88 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

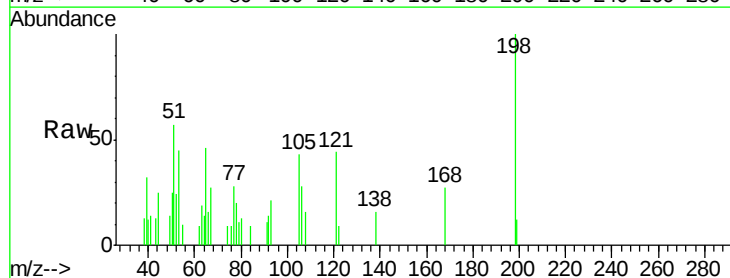
Tgt Ion:198 Resp: 3634

Ion Ratio Lower Upper

198 100

51 56.9 27.0 67.0

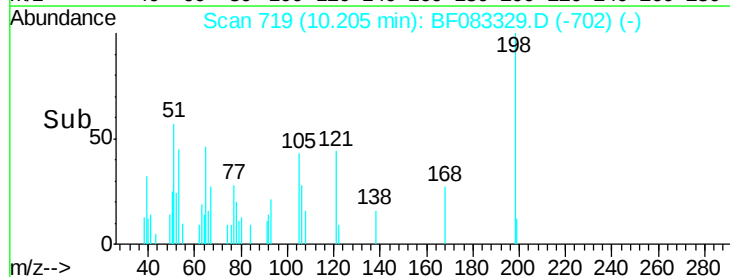
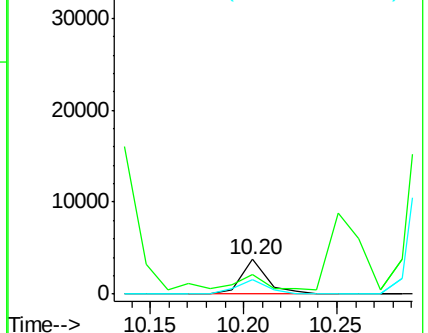
105 43.2 26.1 66.1

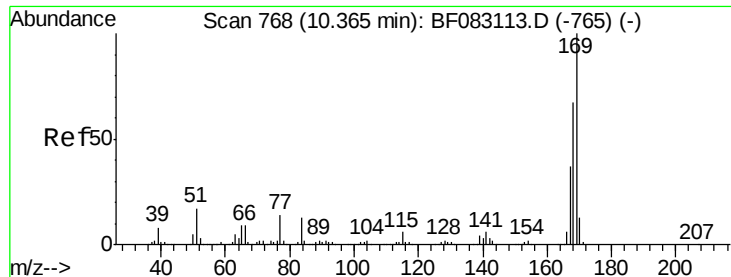


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

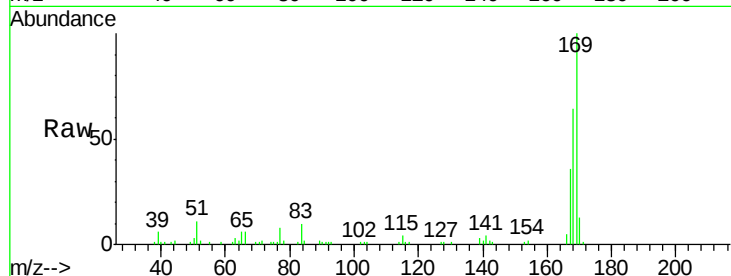




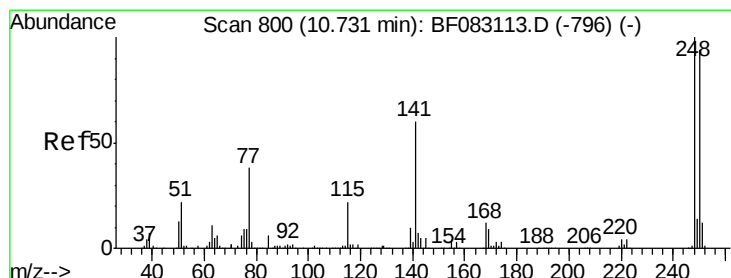
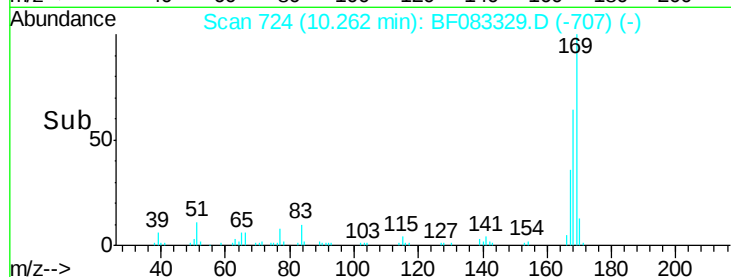
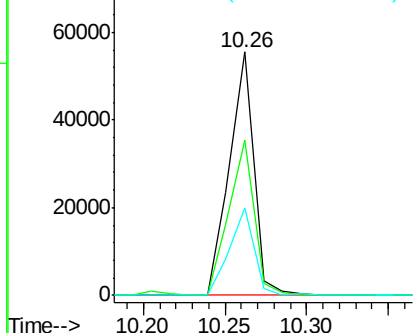
#65
 n-Nitrosodiphenylamine
 Concen: 2.80 ng
 RT: 10.26 min Scan# 724
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 57317
 Ion Ratio Lower Upper
 169 100
 168 63.7 53.8 80.6
 167 35.8 29.8 44.8

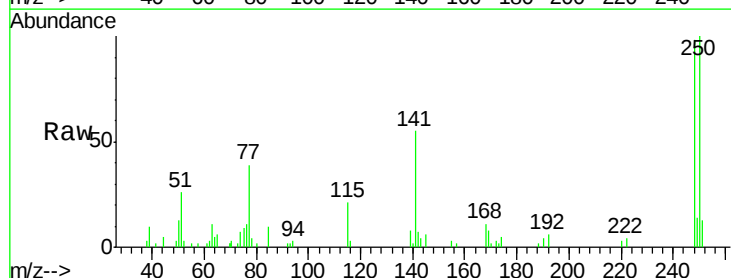


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

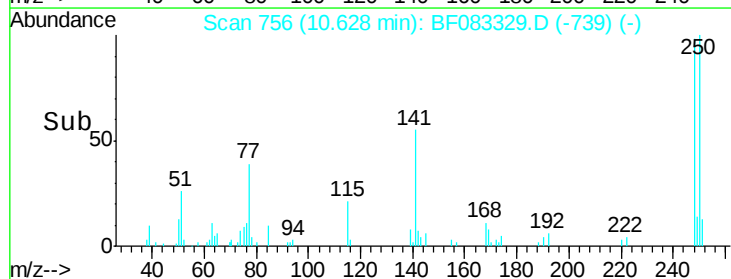
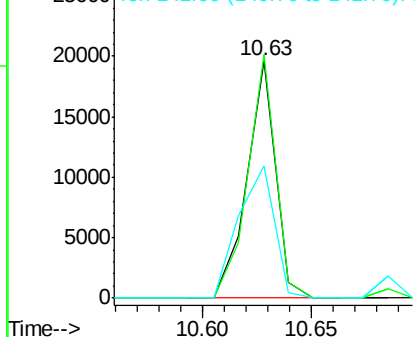


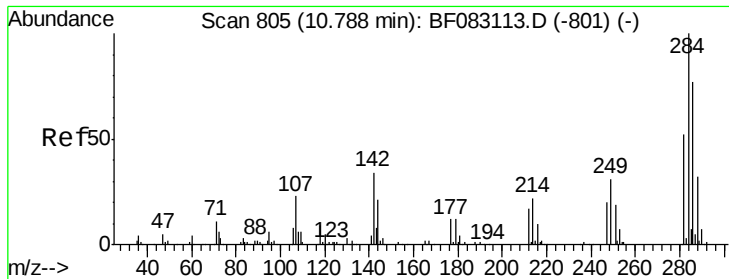
#66
 4-Bromophenyl-phenylether
 Concen: 2.68 ng
 RT: 10.63 min Scan# 756
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:248 Resp: 17916
 Ion Ratio Lower Upper
 248 100
 250 102.5 75.4 113.2
 141 55.9 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

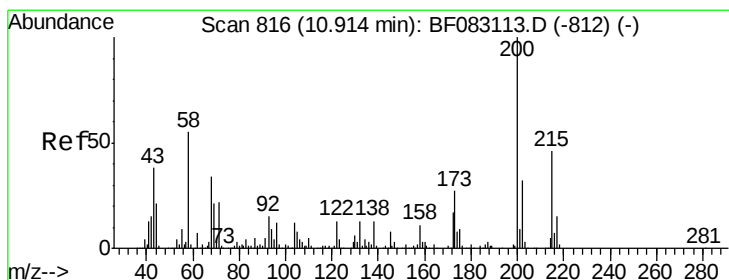
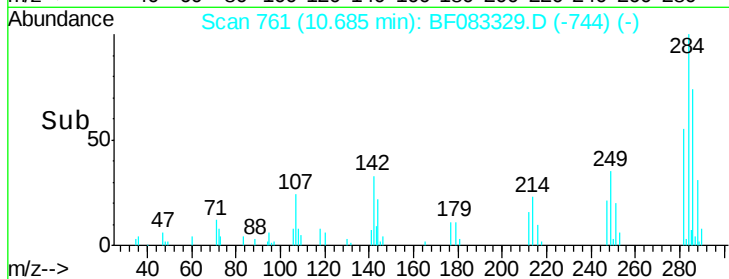
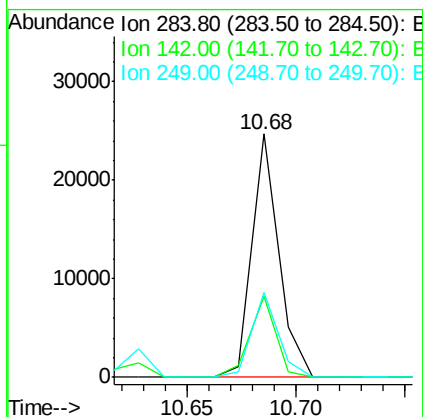
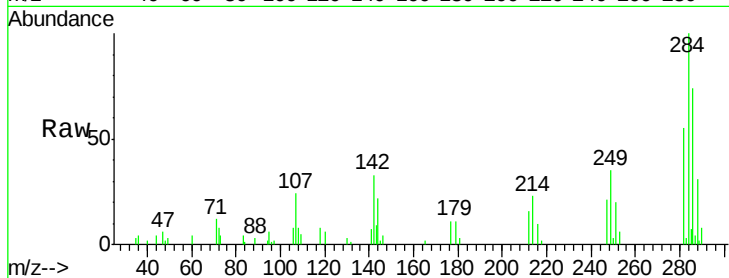




#67
Hexachlorobenzene
Concen: 2.88 ng
RT: 10.68 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

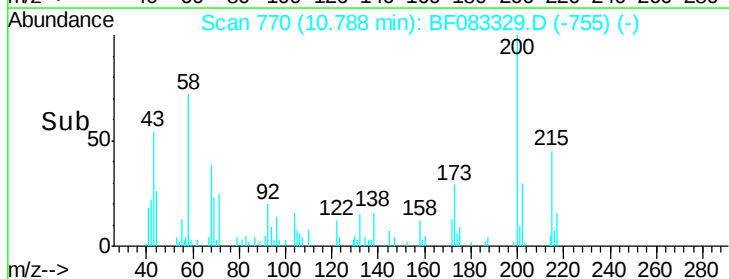
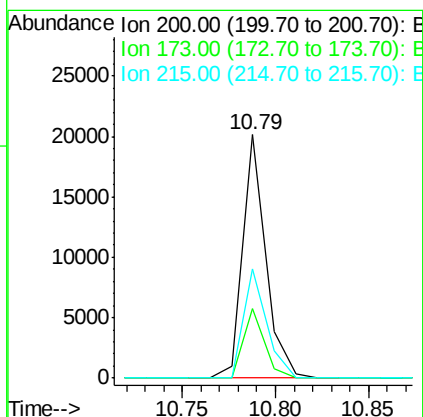
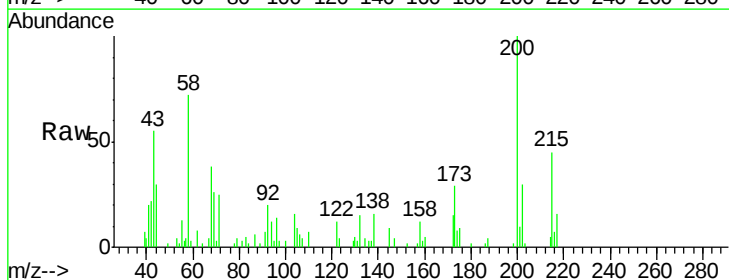
Instrument :
BNA_F
ClientSampleId :

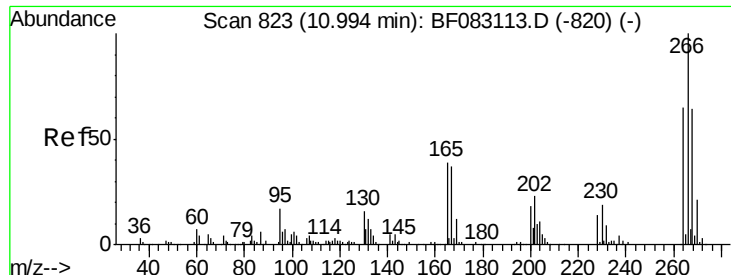
Tot Ion:284 Resp: 21242
Ion Ratio Lower Upper
284 100
142 33.5 27.6 41.4
249 34.7 25.5 38.3



#68
Atrazine
Concen: 2.91 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.13 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:200 Resp: 17344
Ion Ratio Lower Upper
200 100
173 28.7 7.2 47.2
215 44.7 25.7 65.7

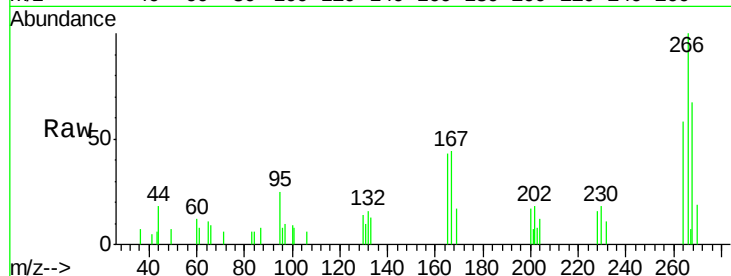




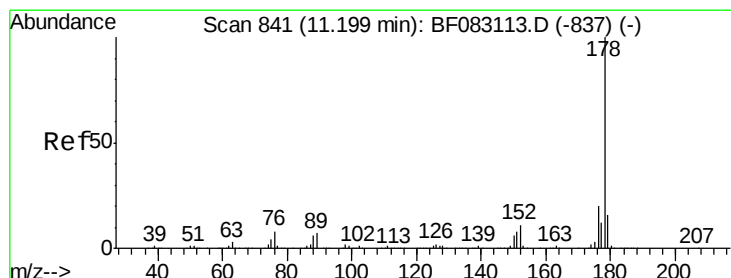
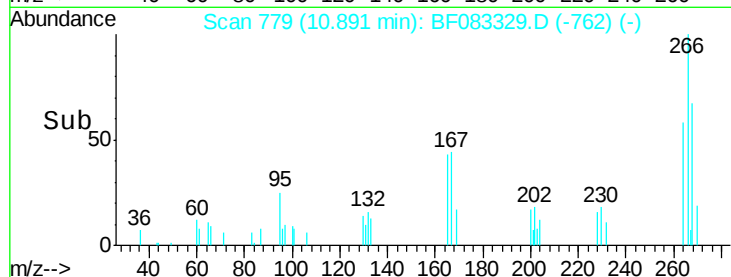
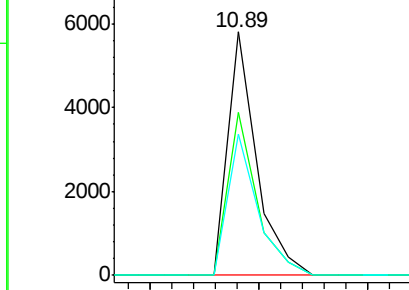
#69
 Pentachlorophenol
 Concen: 1.10 ng
 RT: 10.89 min Scan# 779
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	266	Resp:	5292
Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.4	77.0
264	58.2	51.7	77.5

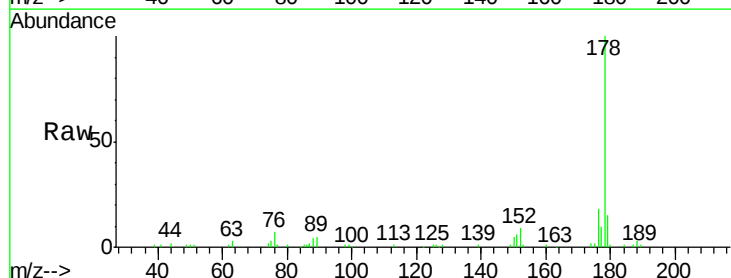


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

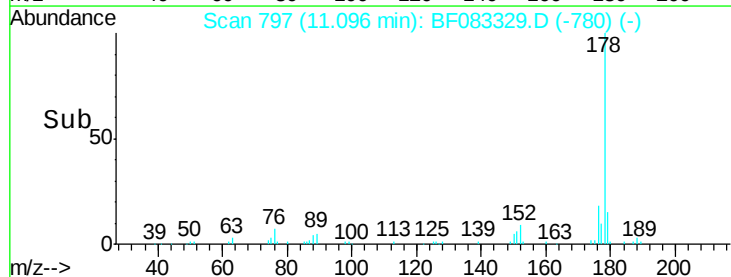
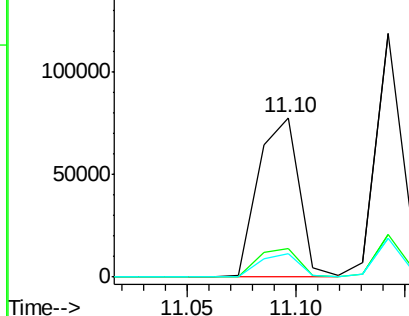


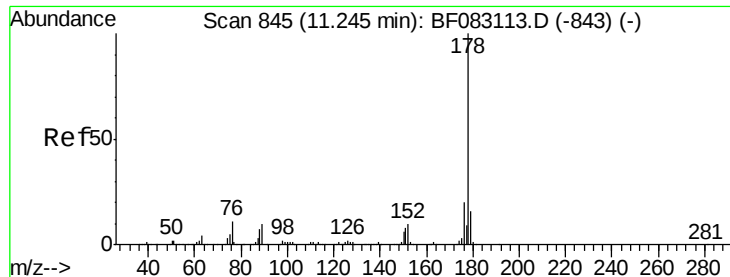
#70
 Phenanthrene
 Concen: 2.92 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:	178	Resp:	101227
Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.2
179	14.6	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

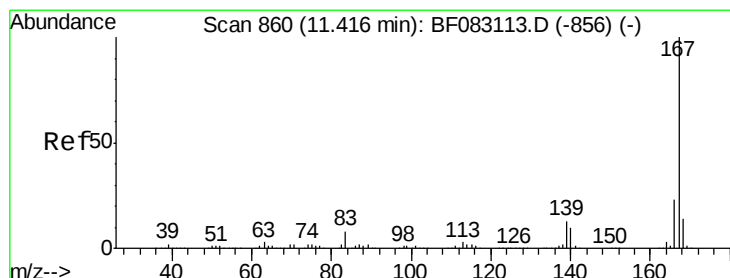
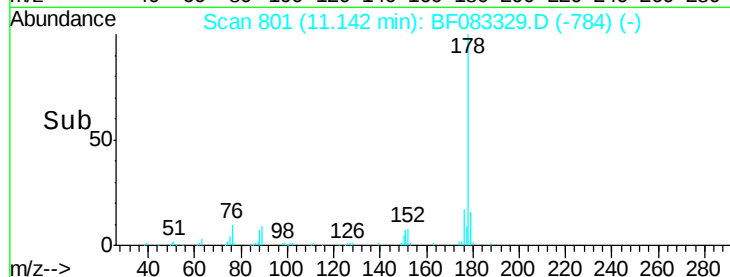
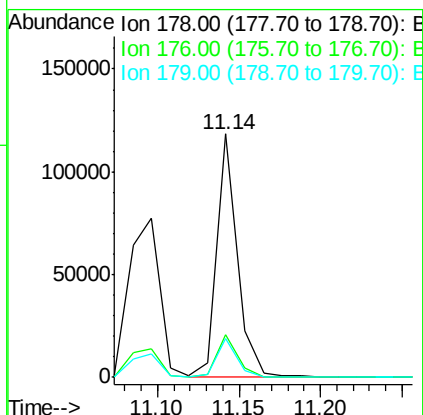
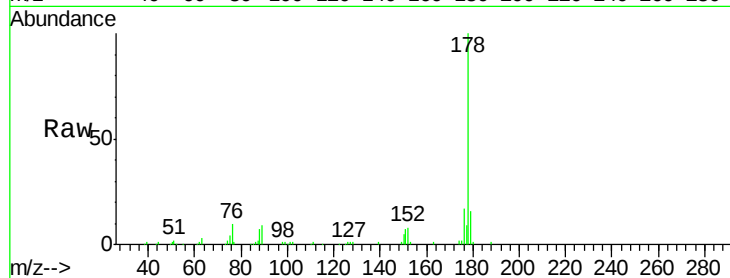




#71
 Anthracene
 Concen: 2.94 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

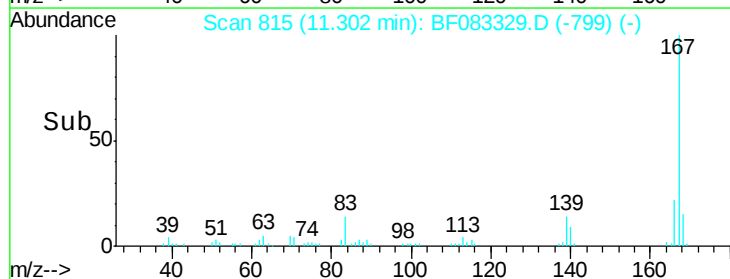
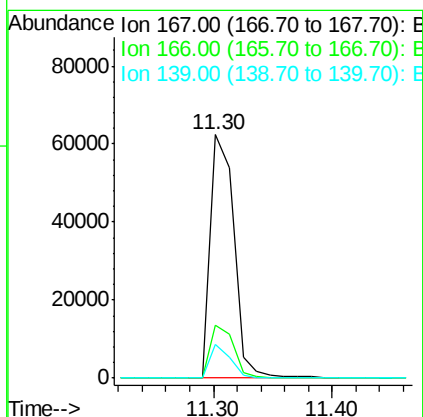
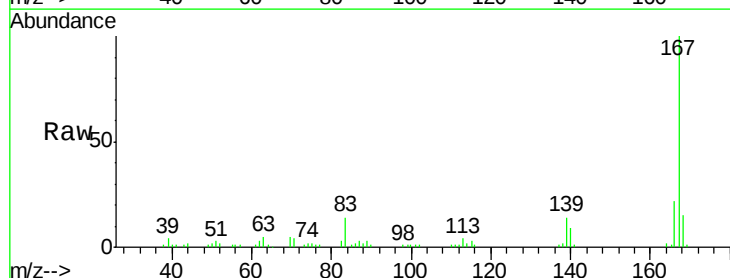
Instrument :
 BNA_F
 ClientSampleId :

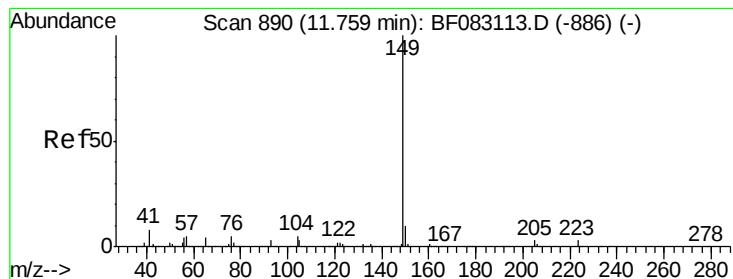
Tot Ion:178 Resp: 104200
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.6 23.4
 179 15.7 13.2 19.8



#72
 Carbazole
 Concen: 2.74 ng
 RT: 11.30 min Scan# 815
 Delta R.T. -0.11 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:167 Resp: 86130
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 13.9 10.5 15.7





#73

Di-n-butylphthalate

Concen: 2.62 ng

RT: 11.64 min Scan# 845

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

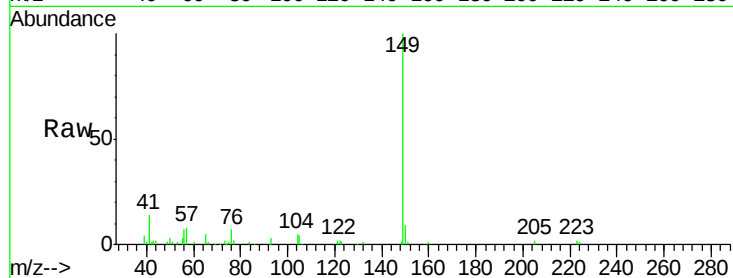
Tot Ion:149 Resp: 100630

Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

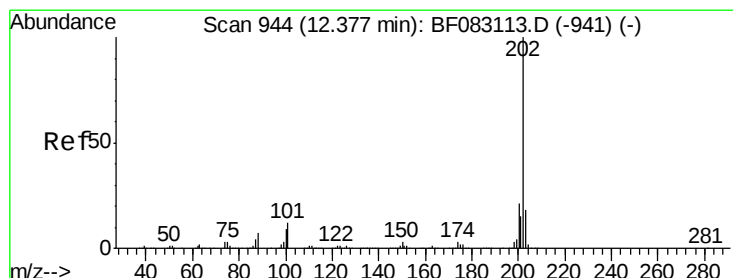
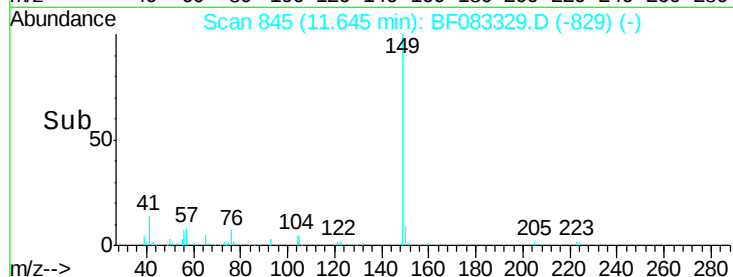
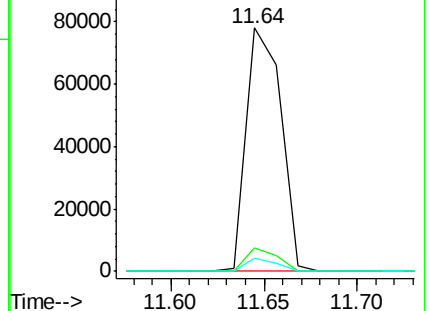
104 5.3 4.4 6.6



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: 2.65 ng

RT: 12.27 min Scan# 900

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

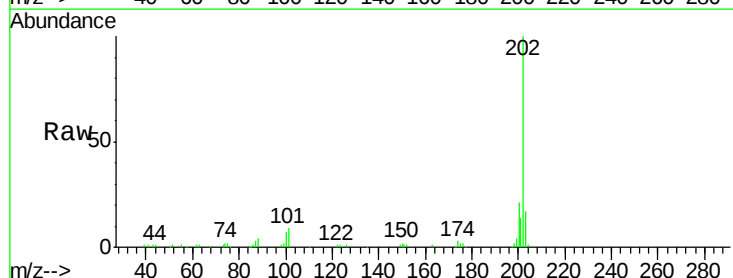
Tgt Ion:202 Resp: 94196

Ion Ratio Lower Upper

202 100

101 9.0 0.0 32.3

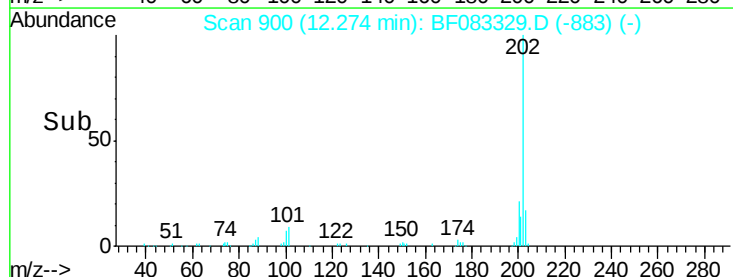
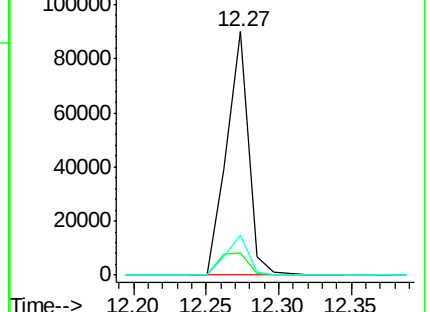
203 16.5 0.0 38.4

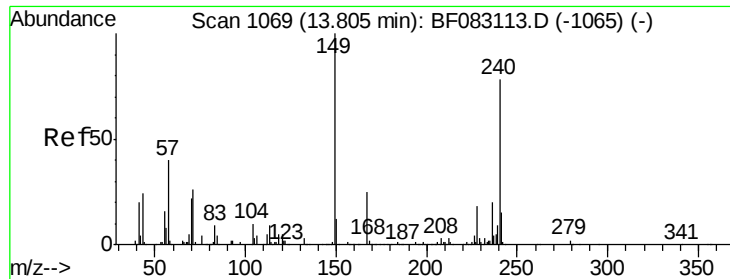


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1024

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampled :

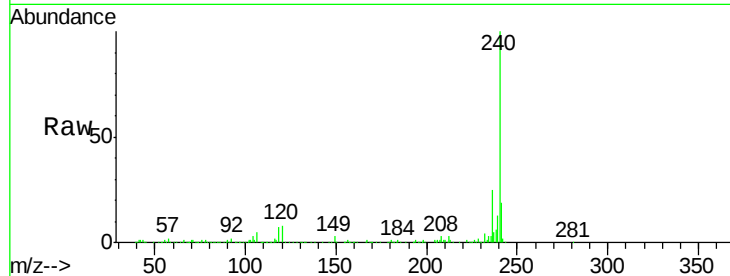
Tot Ion:240 Resp: 448868

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.2

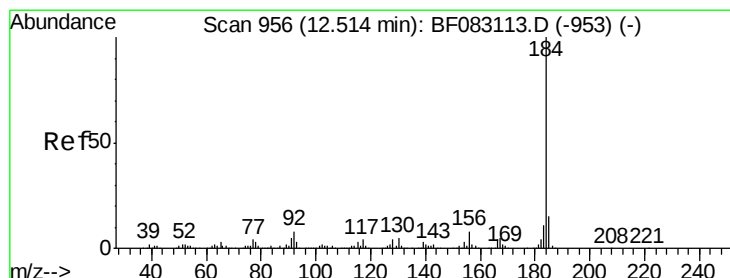
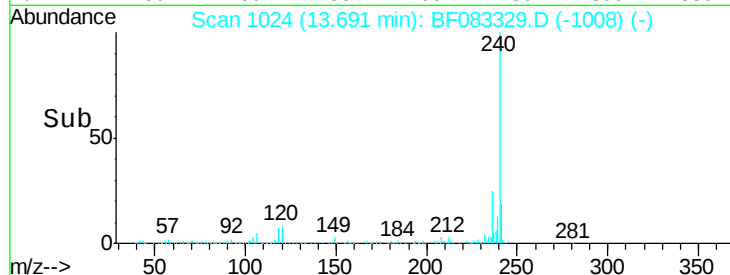
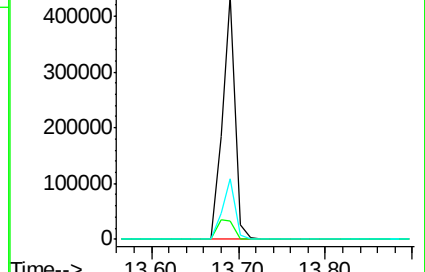
236 25.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.86 ng

RT: 12.41 min Scan# 912

Delta R.T. -0.10 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

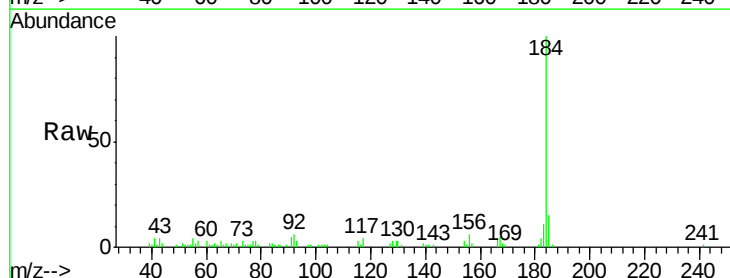
Tgt Ion:184 Resp: 45389

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

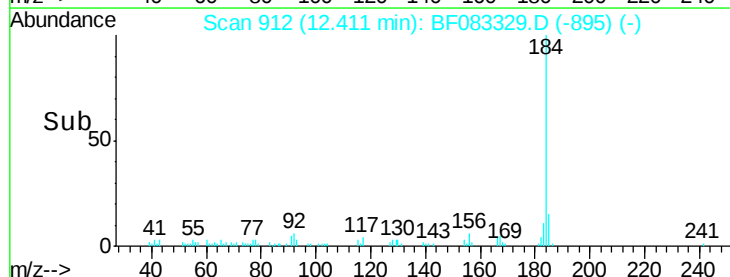
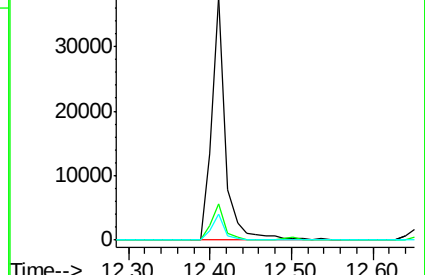
183 10.7 8.8 13.2

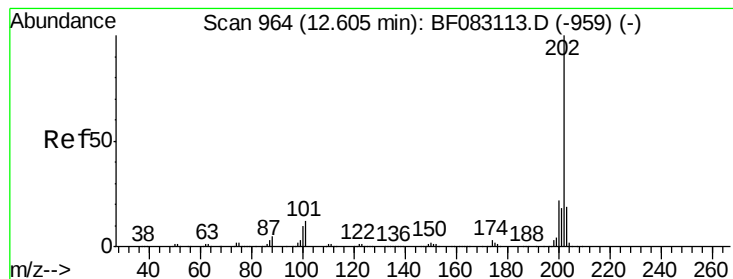


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 3.35 ng

RT: 12.49 min Scan# 919

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampleId :

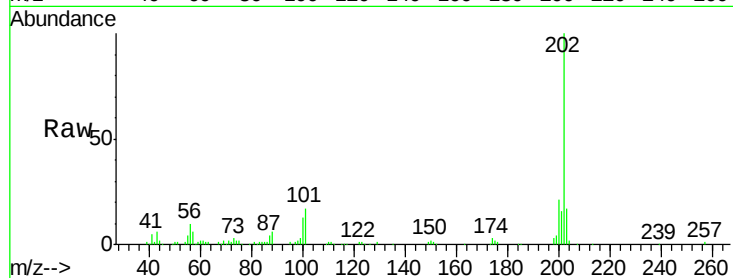
Tot Ion:202 Resp: 102629

Ion Ratio Lower Upper

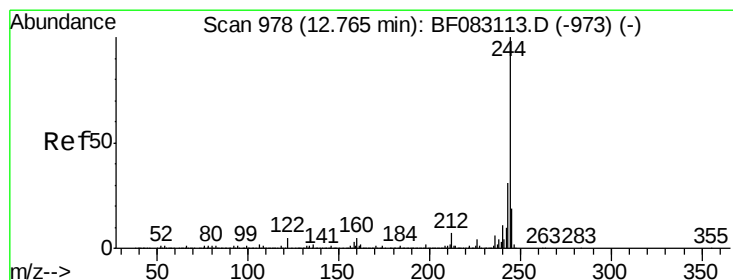
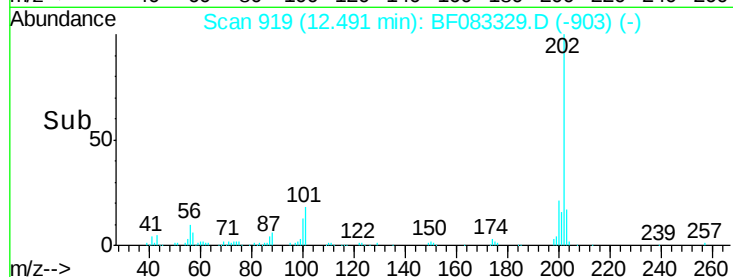
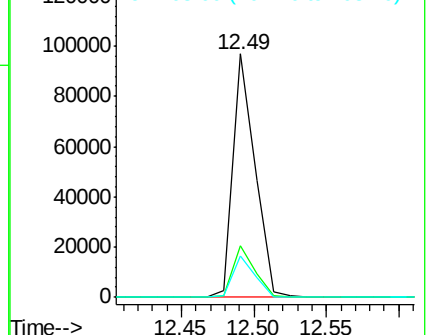
202 100

200 21.1 17.8 26.6

203 17.1 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: 6.81 ng

RT: 12.65 min Scan# 933

Delta R.T. -0.11 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

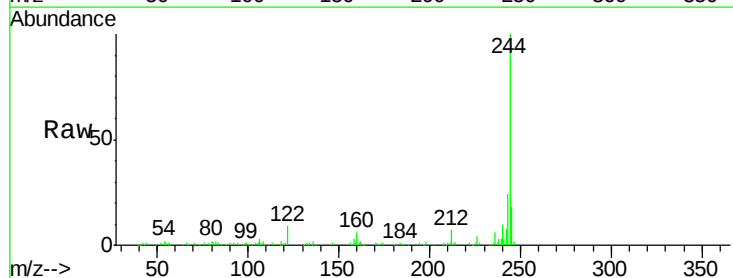
Tgt Ion:244 Resp: 129894

Ion Ratio Lower Upper

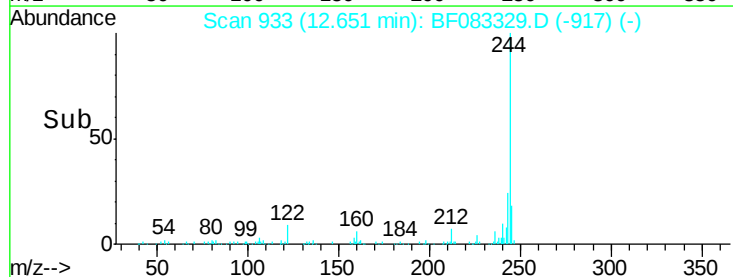
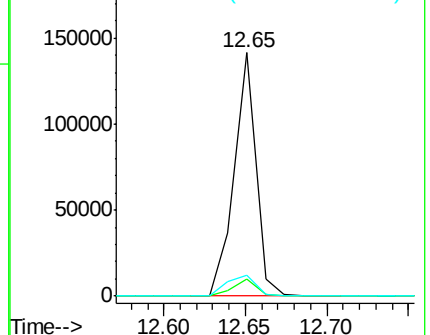
244 100

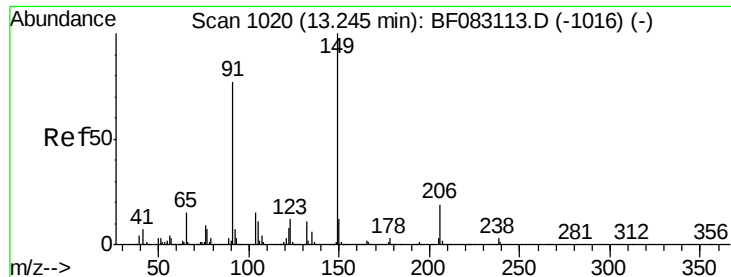
212 6.8 5.4 8.2

122 8.5 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

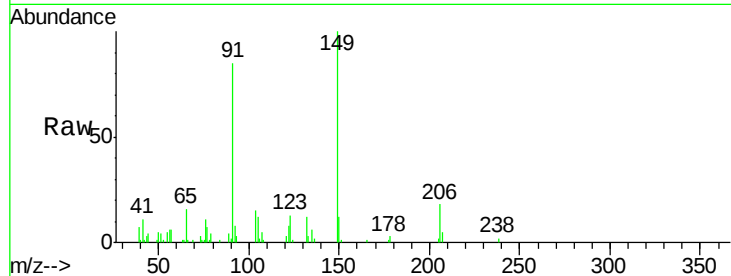




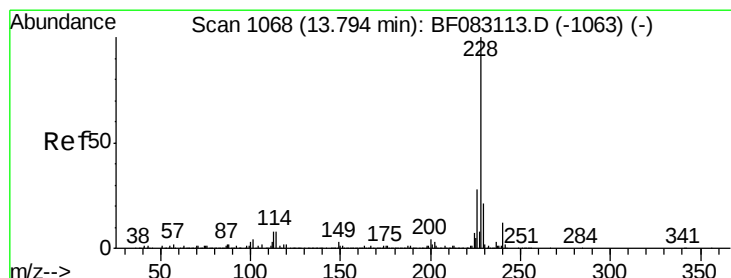
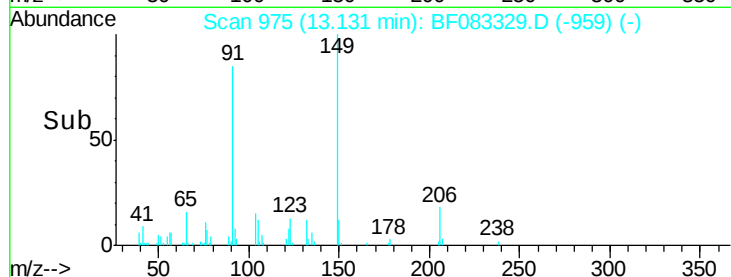
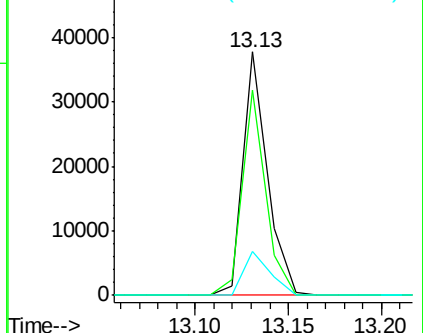
#79
Butylbenzylphthalate
Concen: 2.36 ng
RT: 13.13 min Scan# 975
Delta R.T. -0.11 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 34308
Ion Ratio Lower Upper
149 100
91 84.5 61.5 92.3
206 18.1 15.3 22.9

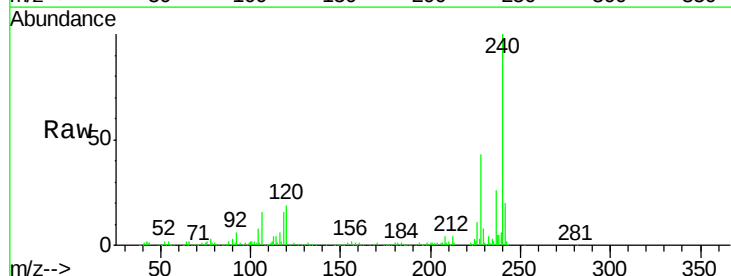


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

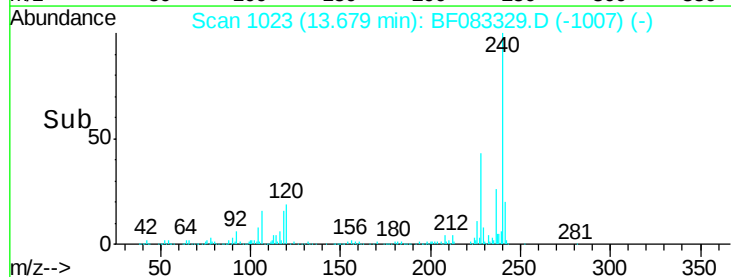
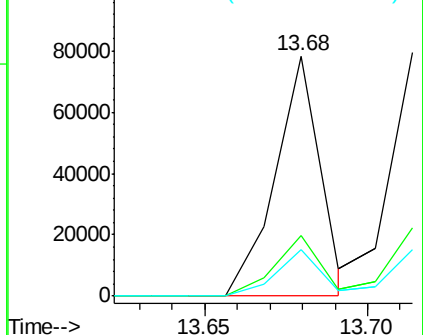


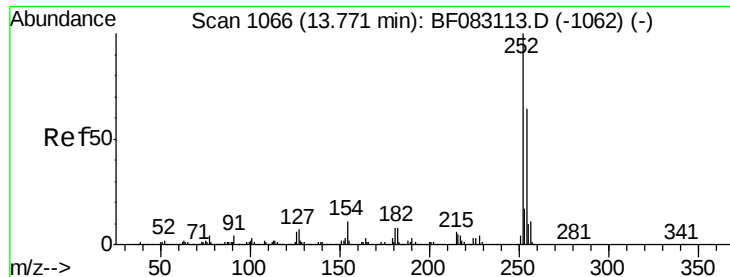
#80
Benzo(a)anthracene
Concen: 2.71 ng
RT: 13.68 min Scan# 1023
Delta R.T. -0.11 min
Lab File: BF083329.D
Acq: 27 Nov 2015 15:08

Tgt Ion:228 Resp: 75336
Ion Ratio Lower Upper
228 100
226 25.2 22.6 33.8
229 19.6 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

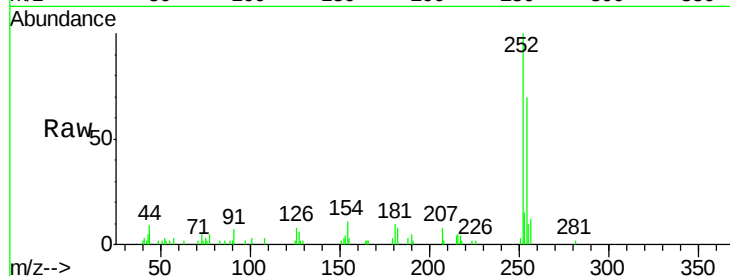




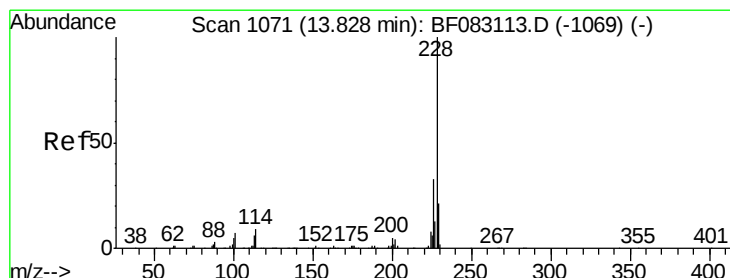
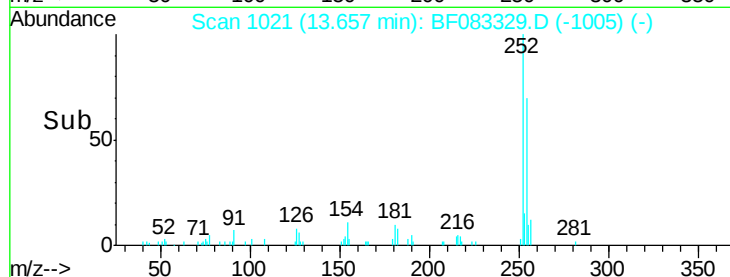
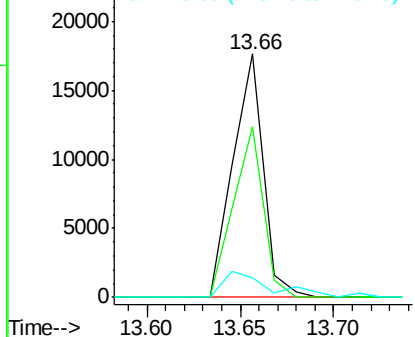
#81
 3,3'-Dichlorobenzidine
 Concen: 2.07 ng
 RT: 13.66 min Scan# 1021
 Delta R.T. -0.11 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 20004
 Ion Ratio Lower Upper
 252 100
 254 70.0 51.5 77.3
 126 7.9 5.2 7.8#

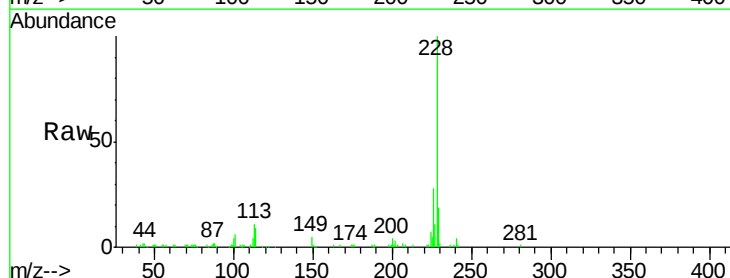


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

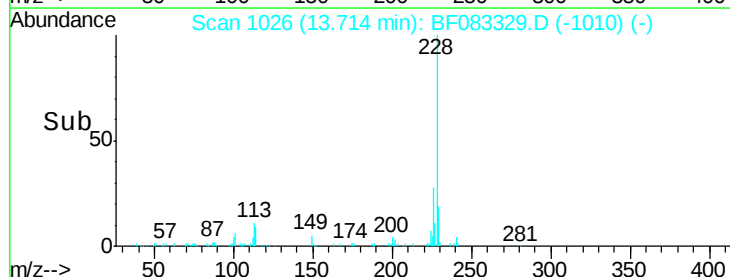
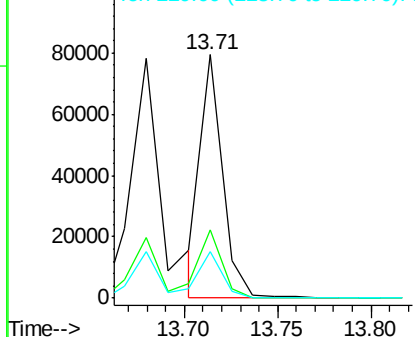


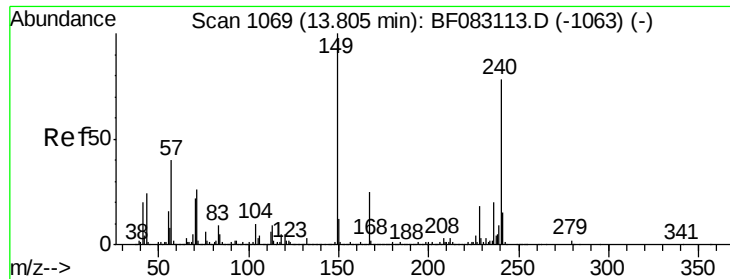
#82
 Chrysene
 Concen: 2.50 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.11 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:228 Resp: 64294
 Ion Ratio Lower Upper
 228 100
 226 27.9 25.5 38.3
 229 18.9 16.6 25.0



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

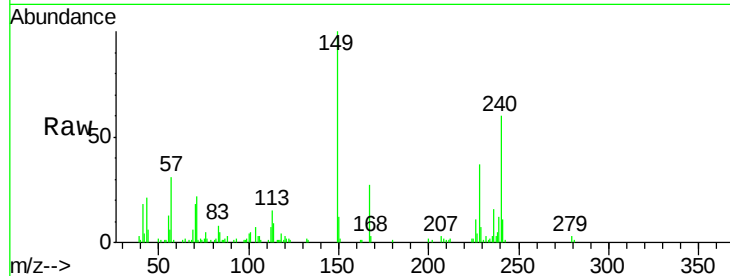




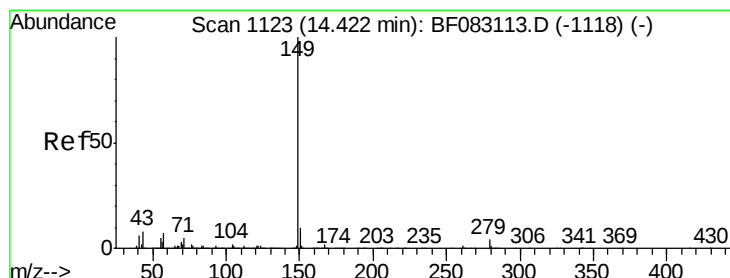
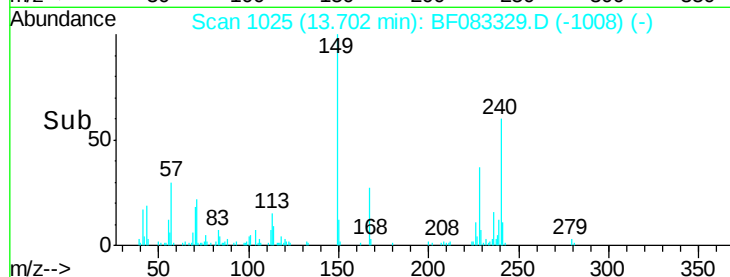
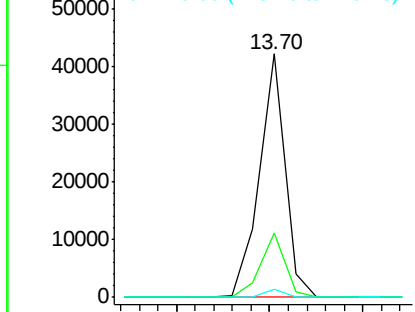
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng
 RT: 13.70 min Scan# 1025
 Delta R.T. -0.10 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 39899
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.1 30.1
 279 3.3 1.7 2.5#

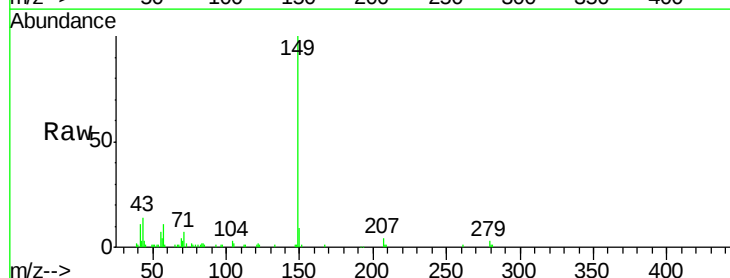


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

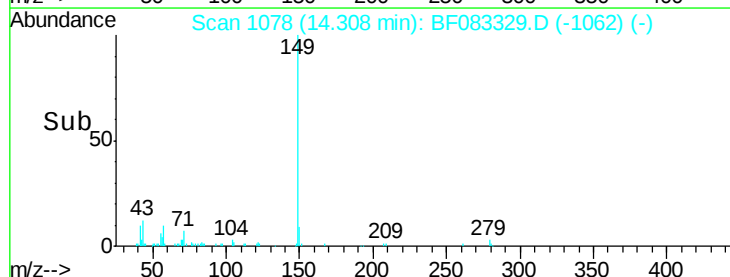
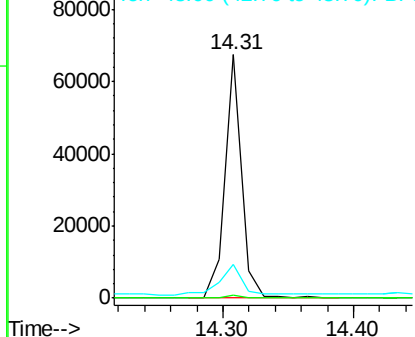


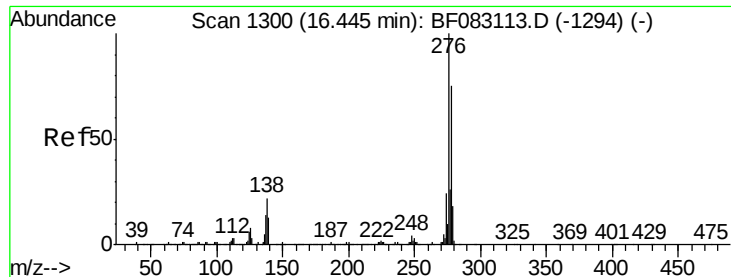
#84
 Di-n-octyl phthalate
 Concen: 1.83 ng
 RT: 14.31 min Scan# 1078
 Delta R.T. -0.11 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Tgt Ion:149 Resp: 59642
 Ion Ratio Lower Upper
 149 100
 167 1.0 1.2 1.8#
 43 17.3 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: 2.72 ng

RT: 16.24 min Scan# 1247

Delta R.T. -0.21 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

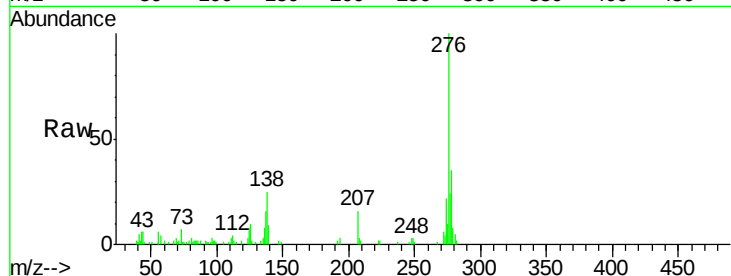
Tot Ion:276 Resp: 63625

Ion Ratio Lower Upper

276 100

138 26.0 18.0 27.0

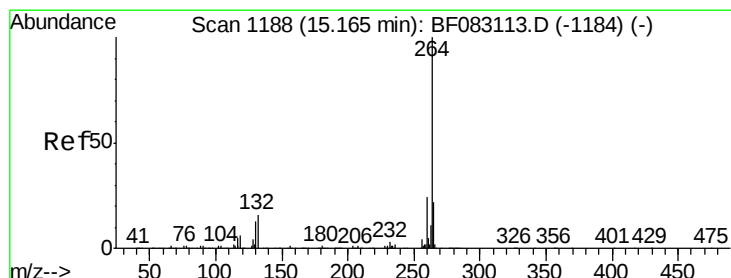
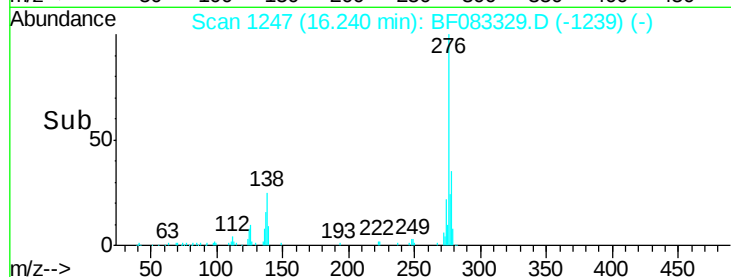
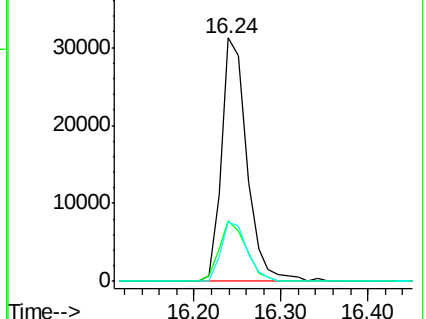
277 25.0 20.2 30.4



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: 15.04 min Scan# 1142

Delta R.T. -0.13 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

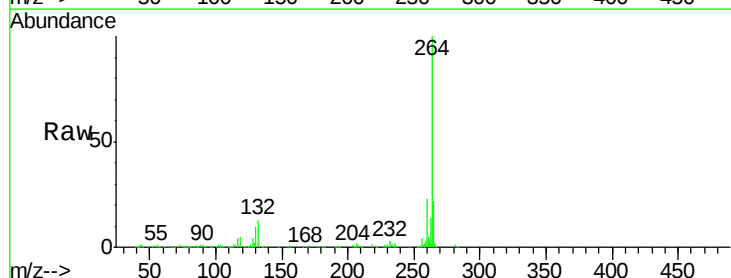
Tgt Ion:264 Resp: 332558

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

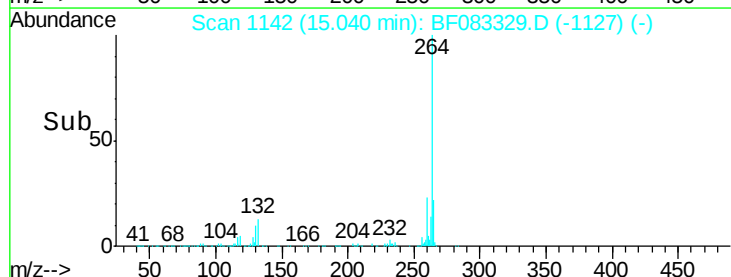
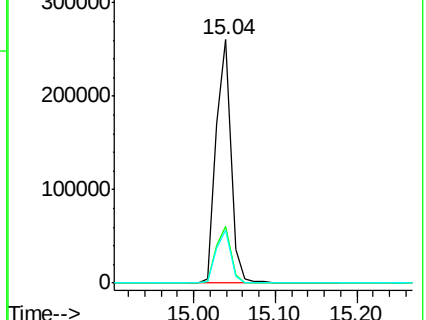
265 21.8 18.2 27.4

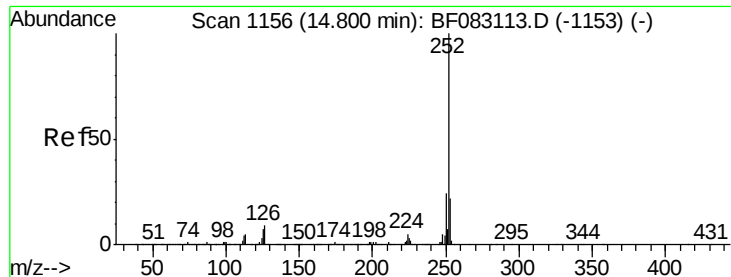


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.64 ng

RT: 14.67 min Scan# 1110

Delta R.T. -0.13 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

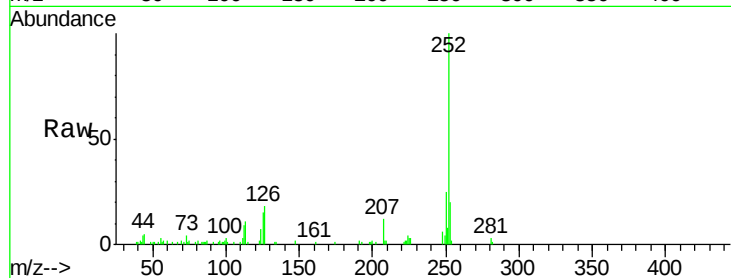
Tot Ion:252 Resp: 105348

Ion Ratio Lower Upper

252 100

253 20.3 17.7 26.5

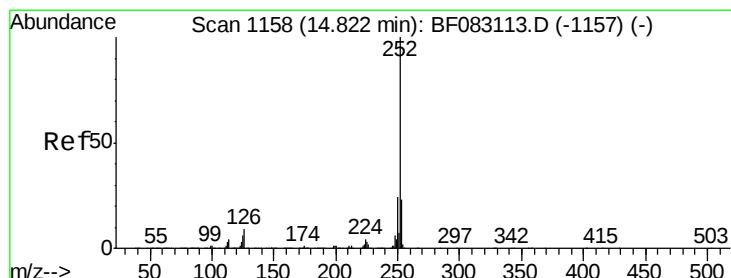
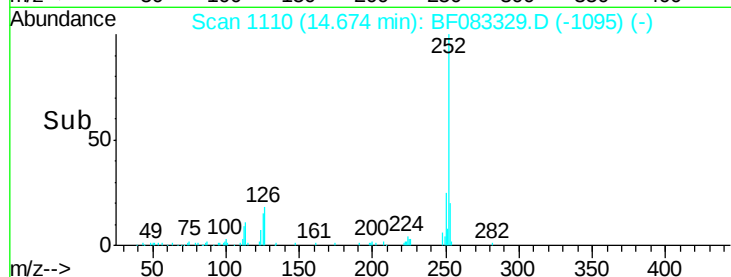
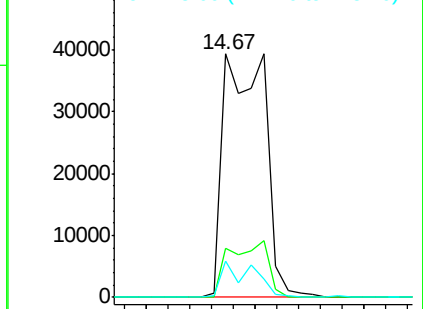
125 15.0 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.22 ng

RT: 14.67 min Scan# 1110

Delta R.T. -0.15 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

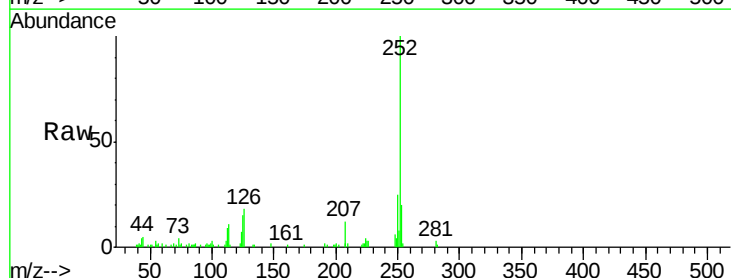
Tgt Ion:252 Resp: 105348

Ion Ratio Lower Upper

252 100

253 20.3 18.2 27.2

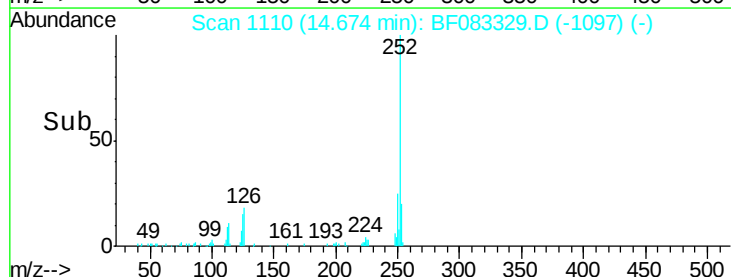
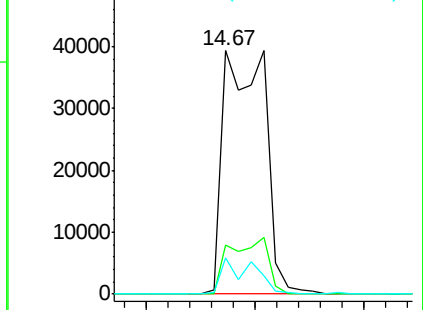
125 15.0 6.8 10.2#

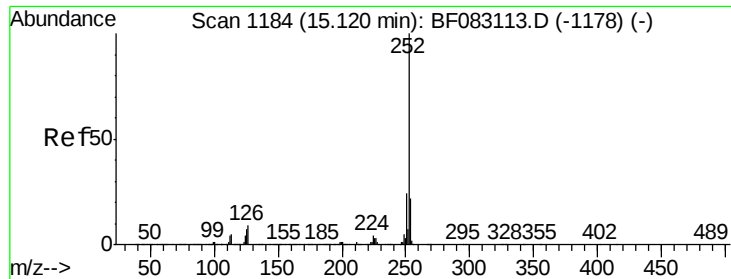


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.65 ng

RT: 14.98 min Scan# 1137

Delta R.T. -0.14 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

Instrument :

BNA_F

ClientSampleId :

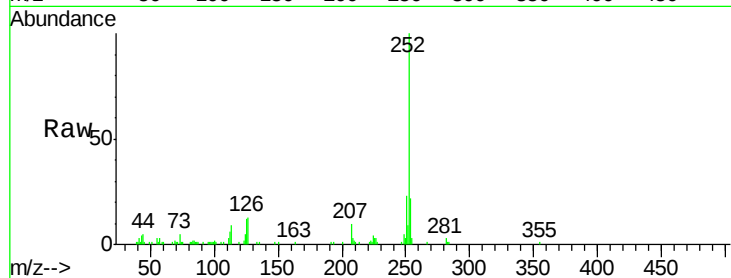
Tot Ion:252 Resp: 49762

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

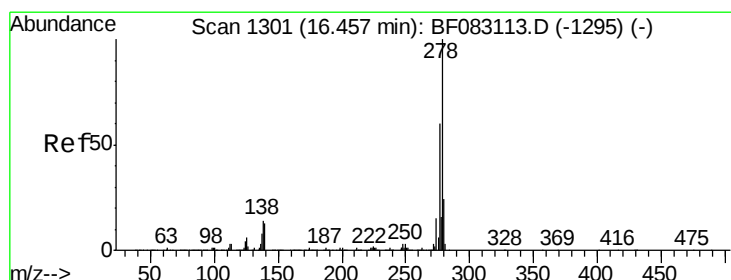
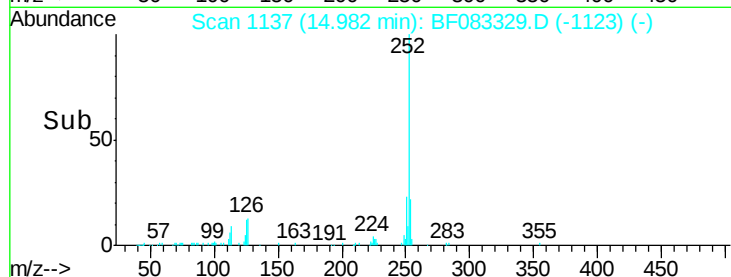
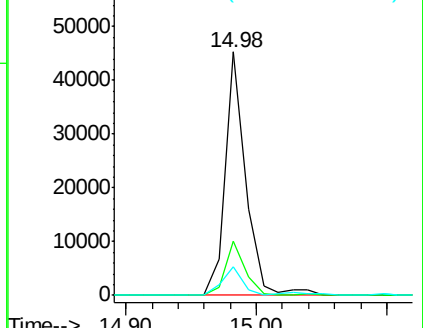
125 11.5 5.4 8.0#



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: 3.14 ng

RT: 16.25 min Scan# 1248

Delta R.T. -0.21 min

Lab File: BF083329.D

Acq: 27 Nov 2015 15:08

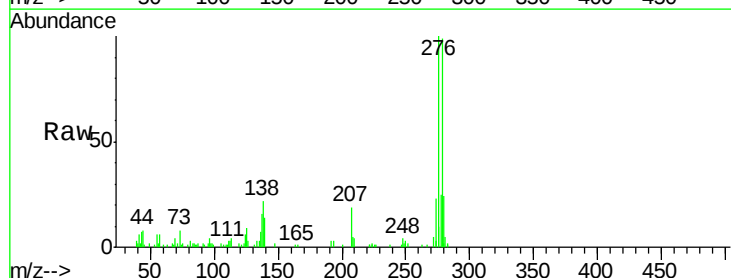
Tgt Ion:278 Resp: 53549

Ion Ratio Lower Upper

278 100

139 14.6 10.7 16.1

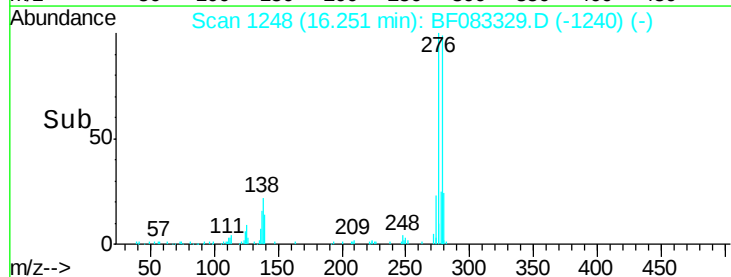
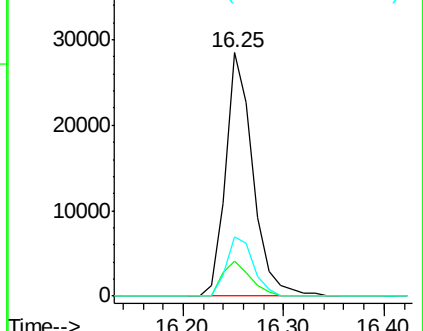
279 24.1 19.3 28.9

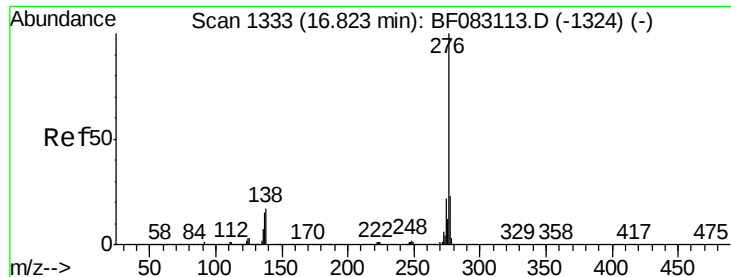


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

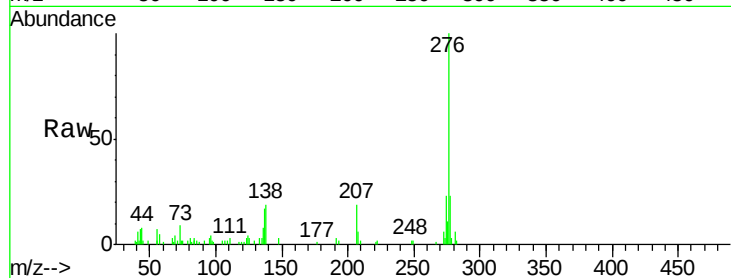




#91
 Benzo(a,h,i)perylene
 Concen: 3.24 ng
 RT: 16.61 min Scan# 1279
 Delta R.T. -0.22 min
 Lab File: BF083329.D
 Acq: 27 Nov 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	19.2	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

