

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083009.D
 Acq On : 18 Nov 2015 14:38
 Operator : UM/IZ
 Sample : PB86622BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 01:43:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153569	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	585079	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	287181	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	577366	20.00	ng	0.00
75) Chrysene-d12	13.88	240	496385	20.00	ng	-0.01
86) Perylene-d12	15.28	264	387540	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1204950	122.08	ng	0.01
7) Phenol-d6	6.38	99	1626096	123.93	ng	-0.01
23) Nitrobenzene-d5	7.30	82	983925	73.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	411237	124.89	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1799781	89.82	ng	0.00
78) Terphenyl-d14	12.84	244	1834721	87.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	160441	37.67	ng	96
3) Pyridine	2.99	79	413210	33.44	ng	94
4) n-Nitrosodimethylamine	2.93	42	234516	38.26	ng	# 78
6) Aniline	6.40	93	237929	12.91	ng	# 1
8) 2-Chlorophenol	6.52	128	447495	40.90	ng	92
9) Benzaldehyde	6.27	77	379476	52.35	ng	93
10) Phenol	6.41	94	502977	33.78	ng	# 72
11) bis(2-Chloroethyl)ether	6.48	93	465058	41.77	ng	87
12) 1,3-Dichlorobenzene	6.90	146	419648	34.01	ng	95
13) 1,4-Dichlorobenzene	6.75	146	493085	38.41	ng	93
14) 1,2-Dichlorobenzene	6.90	146	420131	35.98	ng	94
15) Benzyl Alcohol	6.89	79	435741	37.81	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	734852	45.00	ng	94
17) 2-Methylphenol	7.01	107	365257	39.41	ng	96
18) Hexachloroethane	7.24	117	170684	37.17	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	371594	38.53	ng	# 82
20) 3+4-Methylphenols	7.16	107	470159	39.02	ng	# 61
22) Acetophenone	7.15	105	635470	37.91	ng	96
24) Nitrobenzene	7.32	77	546921	39.77	ng	96
25) Isophorone	7.56	82	943134	37.91	ng	98
26) 2-Nitrophenol	7.64	139	232966	40.59	ng	# 53
27) 2,4-Dimethylphenol	7.69	122	377092	36.56	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	596994	42.54	ng	98
29) 2,4-Dichlorophenol	7.88	162	362738	38.92	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	381191	36.37	ng	98
31) Naphthalene	8.04	128	1247598	38.65	ng	99
32) Benzoic acid	7.82	122	260137	36.84	ng	85
33) 4-Chloroaniline	8.09	127	70740	5.08	ng	91
34) Hexachlorobutadiene	8.17	225	249625	38.05	ng	99
35) Caprolactam	8.46	113	91540	31.15	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	419900	38.31	ng	90
37) 2-Methylnaphthalene	8.83	142	706424	33.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	354915	37.61	ng	99
40) Hexachlorocyclopentadiene	8.90	237	412394	81.34	ng	96

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 ALS Vial : 5 Sample Multiplier: 1

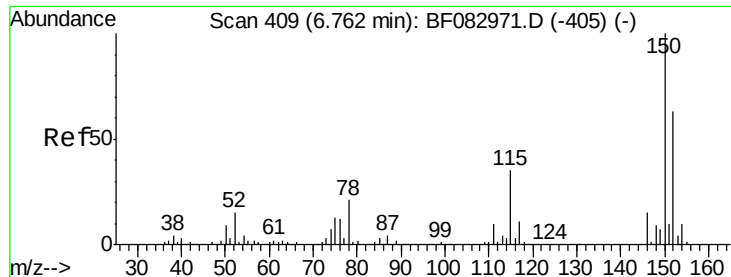
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 01:43:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.01	196	268876	38.17	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	291762	41.88	nq	# 92
45) 1,1'-Biphenyl	9.20	154	946622	38.41	nq	95
46) 2-Chloronaphthalene	9.22	162	780730	40.62	nq	98
47) 2-Nitroaniline	9.32	65	294110	41.25	nq	# 49
48) Acenaphthylene	9.63	152	1177846	39.10	nq	99
49) Dimethylphthalate	9.50	163	919668	39.09	nq	100
50) 2,6-Dinitrotoluene	9.56	165	207312	41.29	nq	97
51) Acenaphthene	9.80	154	846656	44.34	nq	99
52) 3-Nitroaniline	9.72	138	38916	7.05	nq	# 82
53) 2,4-Dinitrophenol	9.84	184	229510	83.26	nq	# 22
54) Dibenzofuran	9.97	168	1078263	41.89	nq	95
55) 4-Nitrophenol	9.92	139	372368	87.91	nq	87
56) 2,4-Dinitrotoluene	9.96	165	262697	38.57	nq	90
57) Fluorene	10.32	166	796474	38.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	234000	41.15	nq	# 91
59) Diethylphthalate	10.20	149	944291	41.10	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	455903	43.71	nq	99
61) 4-Nitroaniline	10.34	138	191609	34.51	nq	# 83
62) Azobenzene	10.48	77	1199813	48.62	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	163016	39.63	nq	81
65) n-Nitrosodiphenylamine	10.43	169	757488	36.32	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	263666	37.93	nq	# 93
67) Hexachlorobenzene	10.86	284	274856	35.41	nq	# 84
68) Atrazine	10.97	200	257871	39.98	nq	97
69) Pentachlorophenol	11.06	266	328437	69.67	nq	98
70) Phenanthrene	11.28	178	1391562	41.50	nq	99
71) Anthracene	11.32	178	1300925	36.83	nq	99
72) Carbazole	11.48	167	1153583	37.31	nq	98
73) Di-n-butylphthalate	11.82	149	1531560	39.76	nq	99
74) Fluoranthene	12.45	202	1314316	36.53	nq	98
76) Benzidine	12.58	184	559100	33.61	nq	98
77) Pyrene	12.68	202	1371168	40.22	nq	99
79) Butylbenzylphthalate	13.31	149	676466	44.92	nq	93
80) Benzo(a)anthracene	13.87	228	1339500	43.15	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	156357	14.17	nq	# 98
82) Chrysene	13.91	228	1020895	35.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	886027	42.98	nq	99
84) Di-n-octyl phthalate	14.50	149	1531120	44.53	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	905519	36.98	nq	97
87) Benzo(b)fluoranthene	14.92	252	2025509	81.42	nq	# 97
88) Benzo(k)fluoranthene	14.92	252	2026226	91.82	nq	# 97
89) Benzo(a)pyrene	15.23	252	948929	44.03	nq	# 98
90) Dibenzo(a,h)anthracene	16.61	278	756402	41.45	nq	98
91) Benzo(g,h,i)perylene	16.99	276	752841	43.07	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

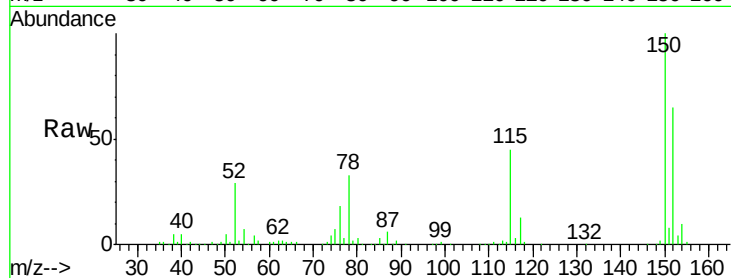
Tot Ion:152 Resp: 153569

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

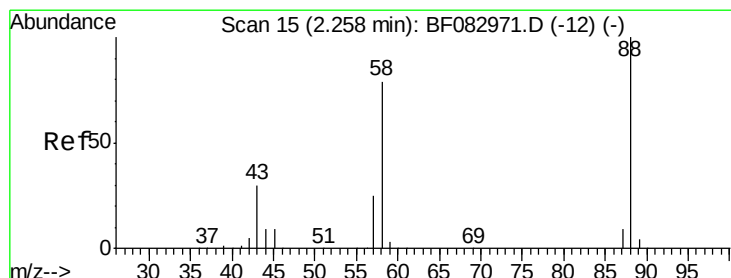
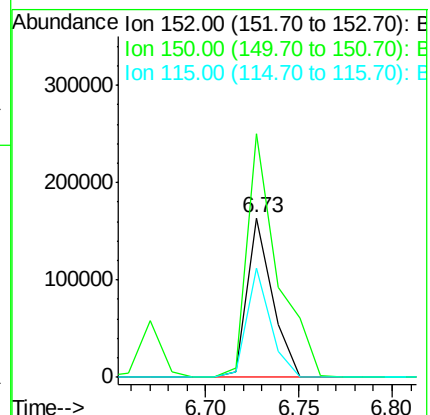
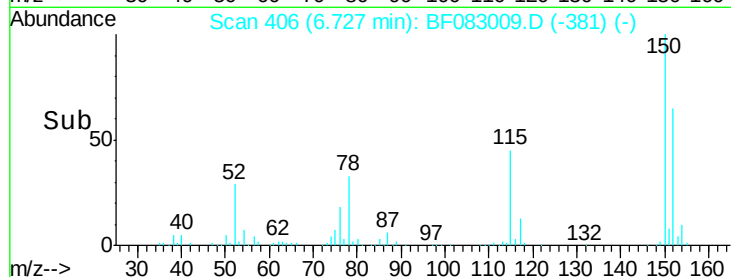
115 68.9 47.0 70.6



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: 37.67 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

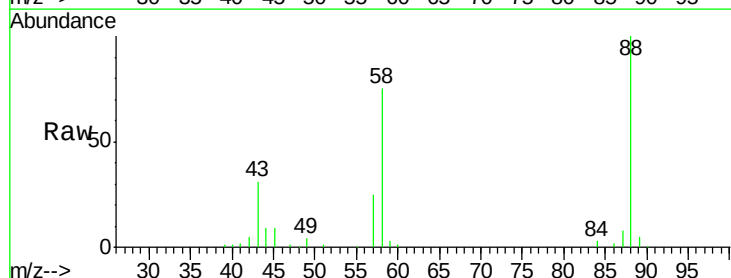
Tgt Ion: 88 Resp: 160441

Ion Ratio Lower Upper

88 100

58 80.9 62.0 93.0

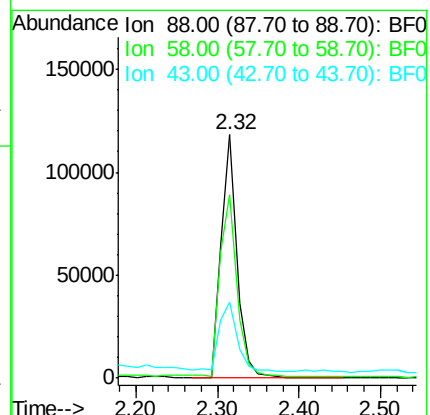
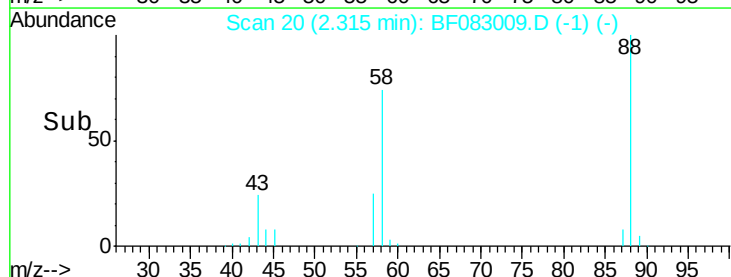
43 31.8 26.6 40.0

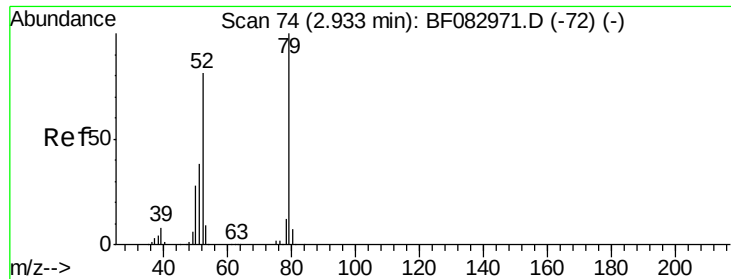


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

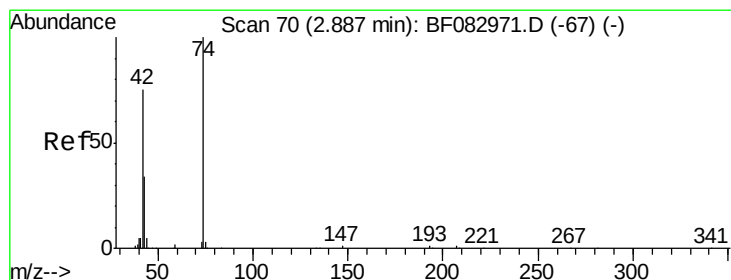
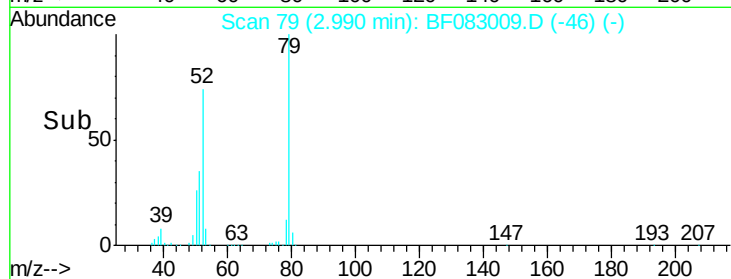
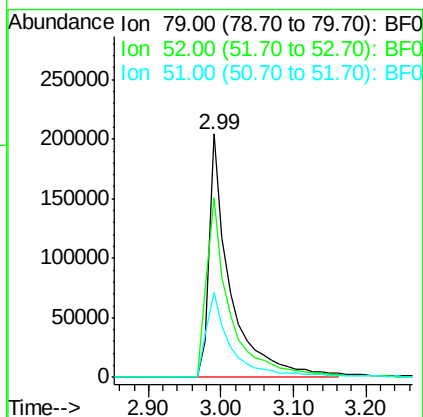
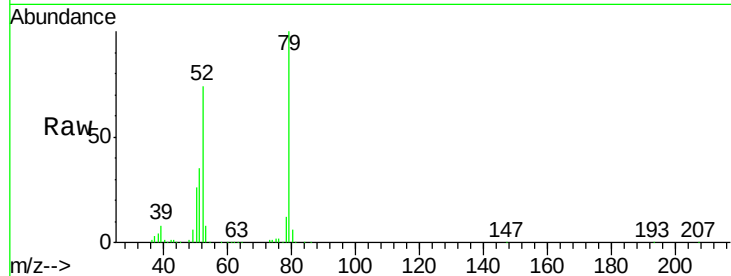




#3
 Pvridine
 Concen: 33.44 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

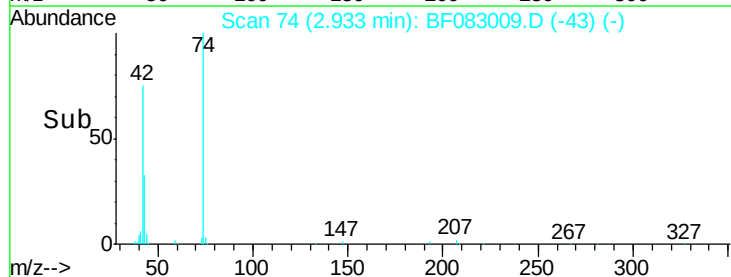
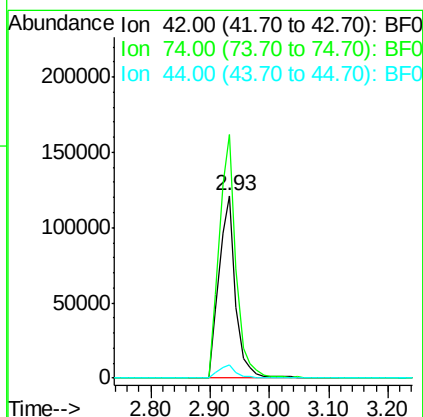
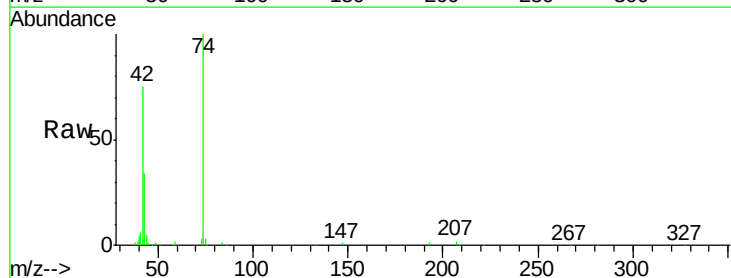
Instrument :
 BNA_F
 ClientSampleId :

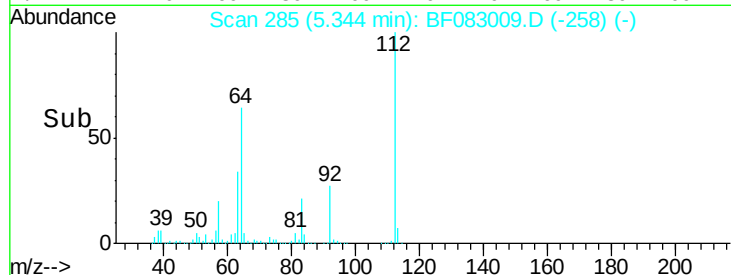
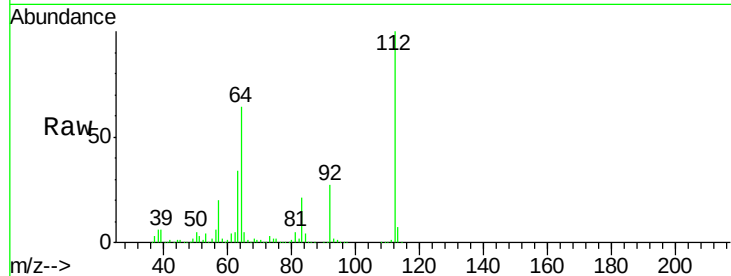
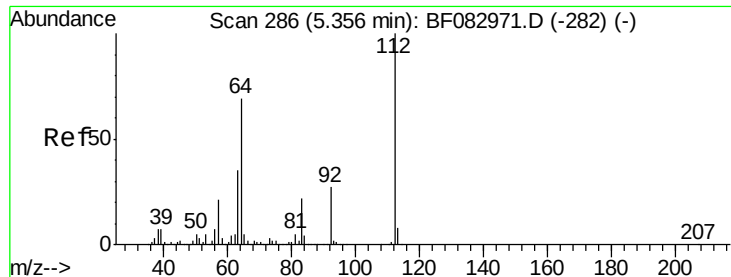
Tot Ion: 79 Resp: 413210
 Ion Ratio Lower Upper
 79 100
 52 73.8 62.8 94.2
 51 35.1 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 38.26 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion: 42 Resp: 234516
 Ion Ratio Lower Upper
 42 100
 74 133.2 87.0 130.4#
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 122.08 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

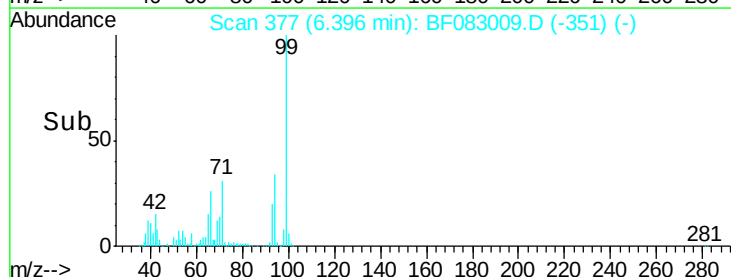
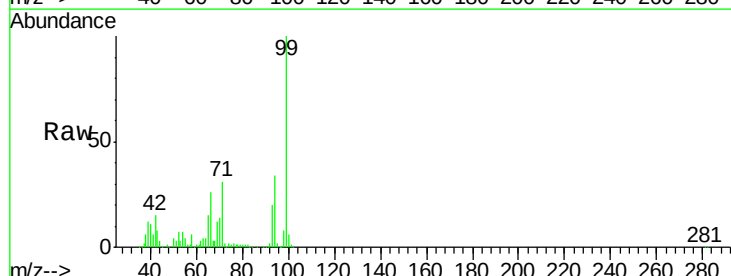
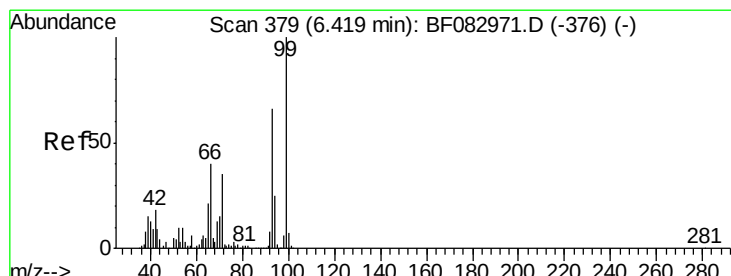
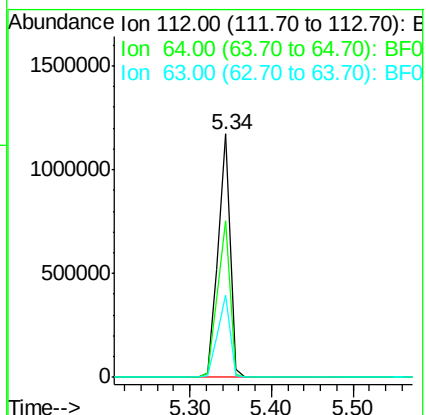
Tot Ion:112 Resp: 1204950

Ion Ratio Lower Upper

112 100

64 64.1 48.9 73.3

63 33.9 28.1 42.1



#6

Aniline

Concen: 12.91 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

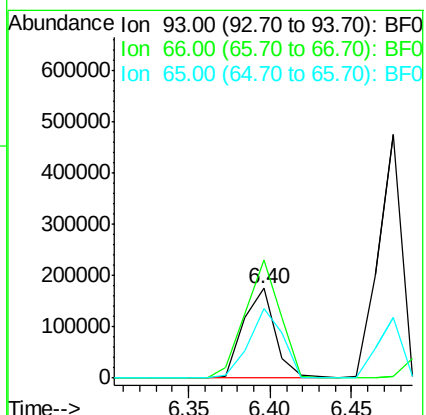
Tgt Ion: 93 Resp: 237929

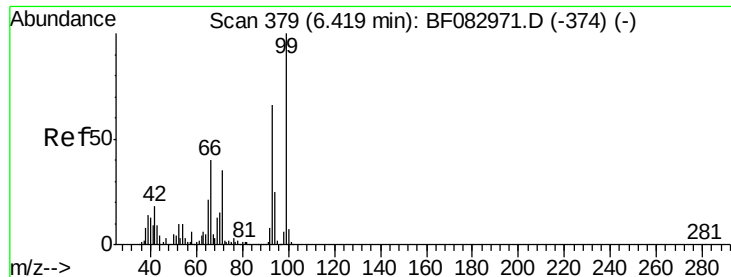
Ion Ratio Lower Upper

93 100

66 131.9 33.6 50.4#

65 76.9 18.1 27.1#





#7

Phenol-d6

Concen: 123.93 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

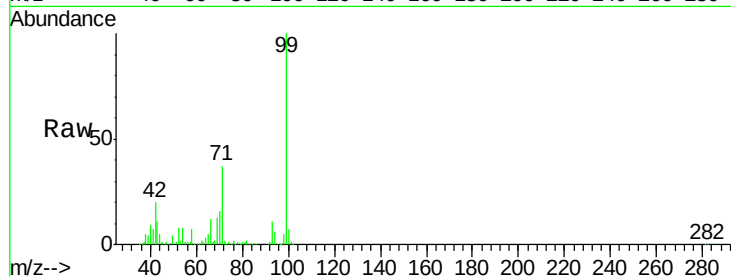
Tot Ion: 99 Resp: 1626096

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

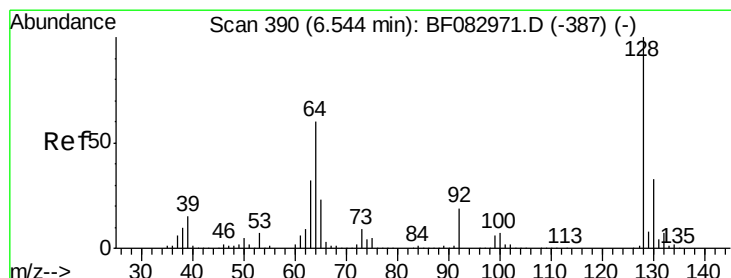
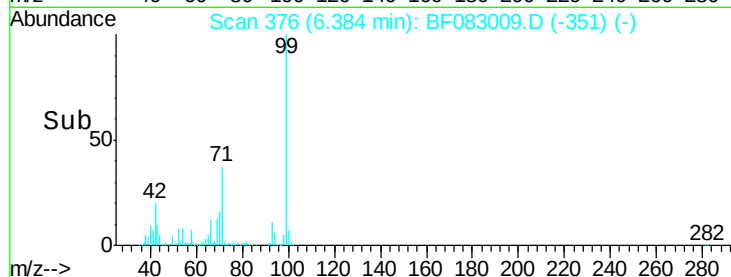
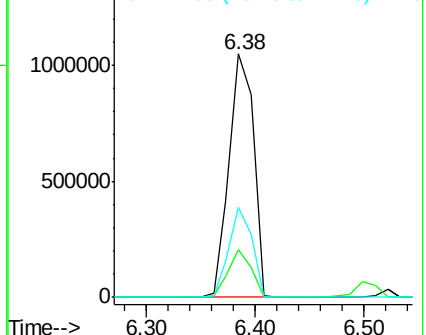
71 36.8 35.0 52.4



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: 40.90 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

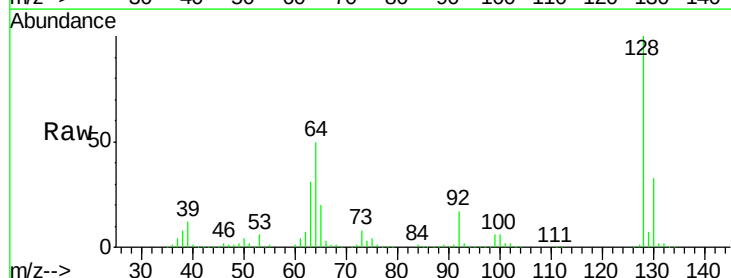
Tgt Ion: 128 Resp: 447495

Ion Ratio Lower Upper

128 100

130 33.1 13.5 53.5

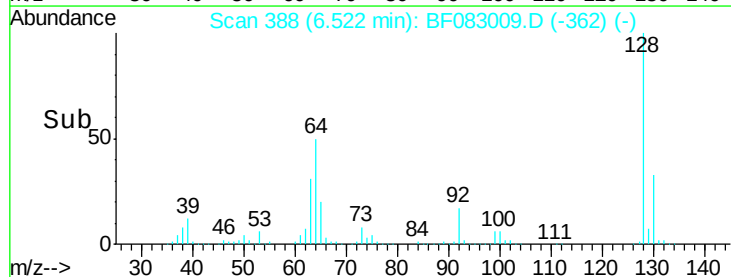
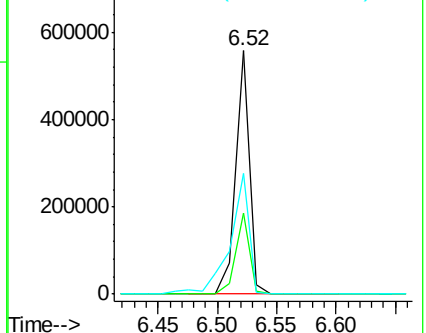
64 49.8 21.1 61.1

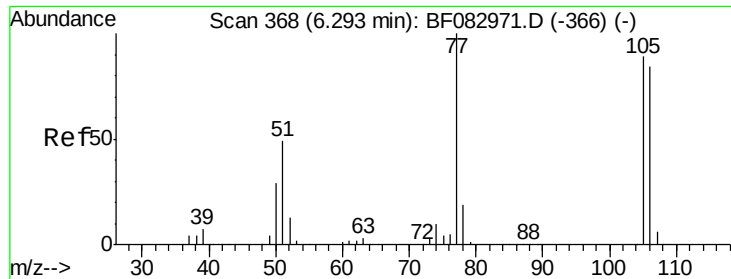


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

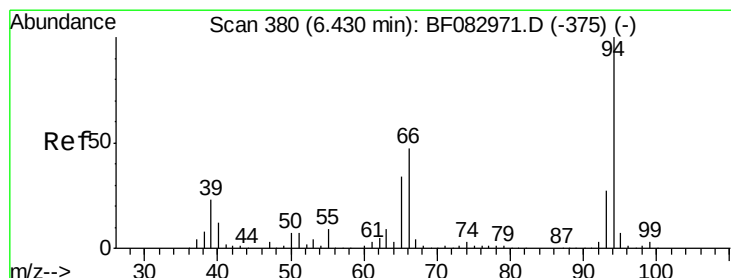
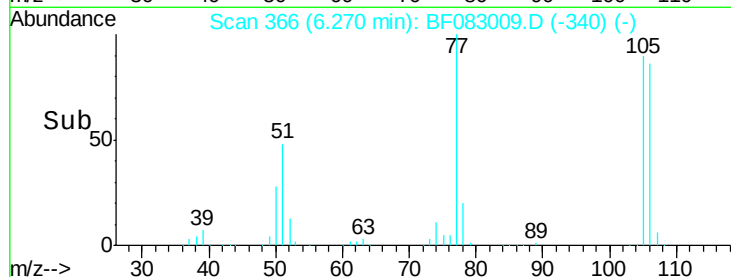
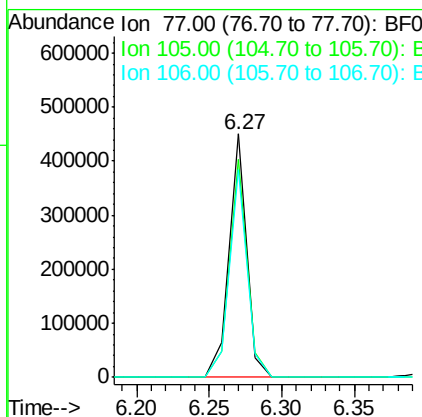
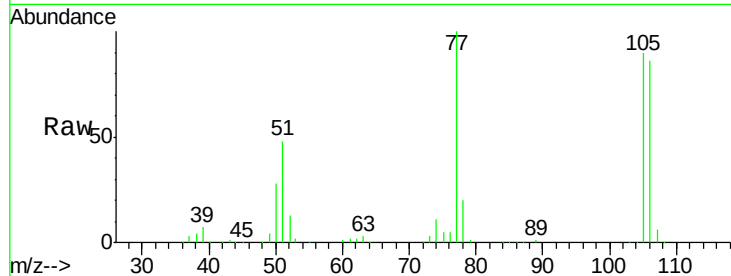




#9
Benzaldehyde
Concen: 52.35 ng
RT: 6.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

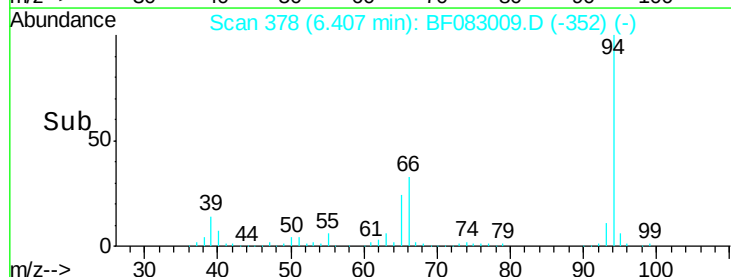
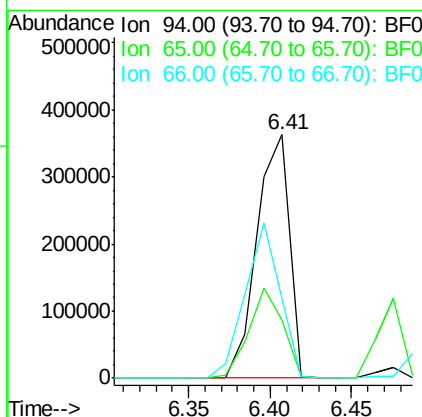
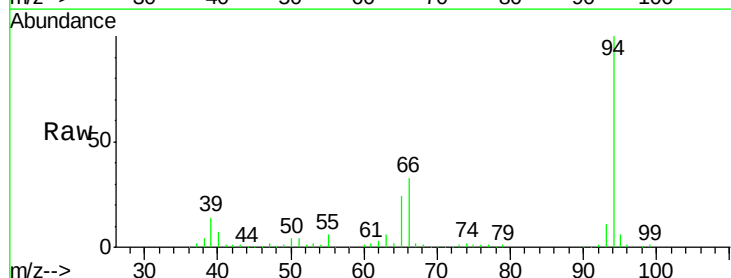
Instrument :
BNA_F
ClientSampled :

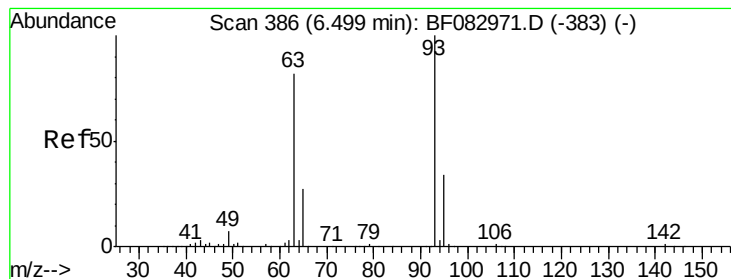
Tot Ion: 77 Resp: 379476
Ion Ratio Lower Upper
77 100
105 89.5 63.5 103.5
106 85.5 59.3 99.3



#10
Phenol
Concen: 33.78 ng
RT: 6.41 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion: 94 Resp: 502977
Ion Ratio Lower Upper
94 100
65 24.0 18.9 58.9
66 32.6 34.9 74.9#

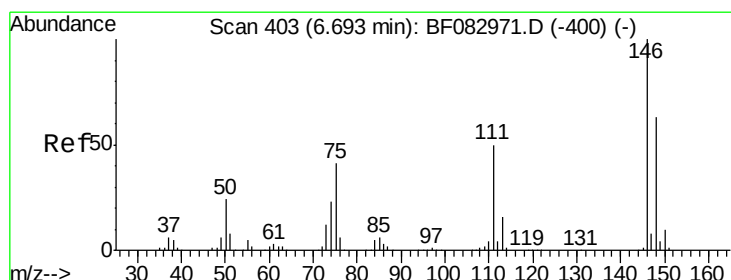
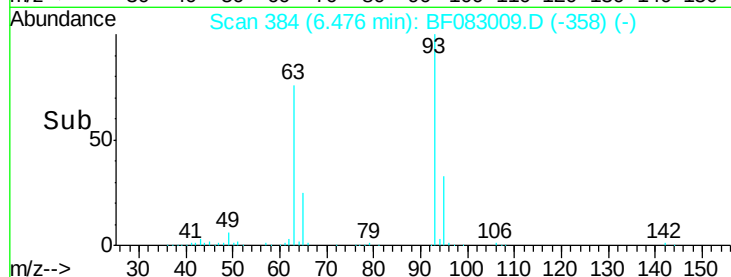
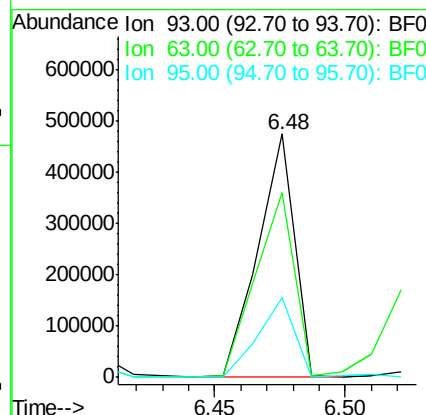
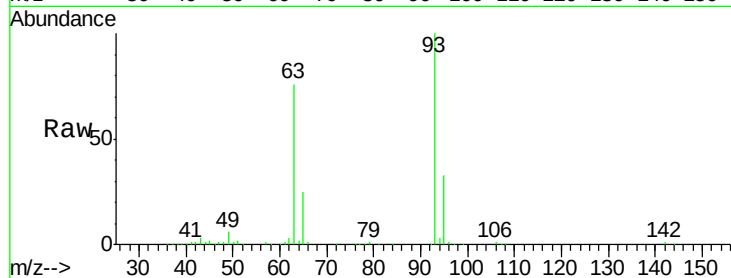




#11
bis(2-Chloroethyl)ether
Concen: 41.77 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

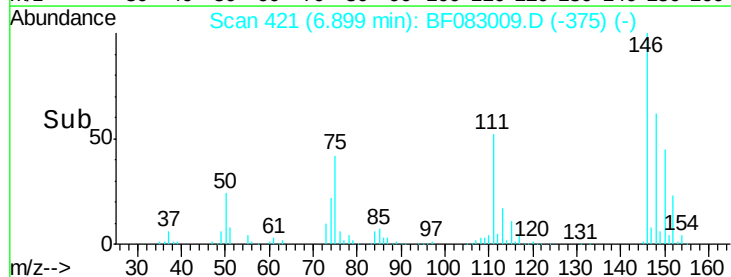
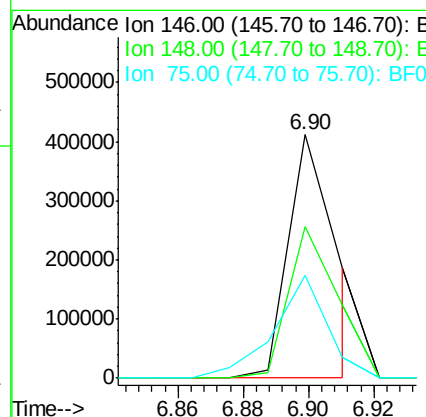
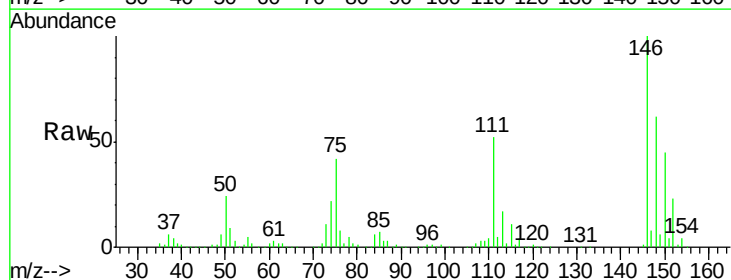
Instrument :
BNA_F
ClientSampleId :

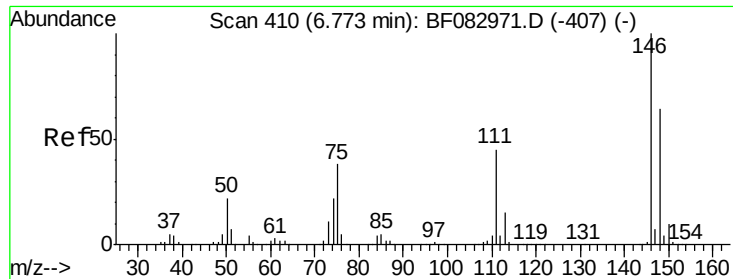
Tot Ion: 93 Resp: 465058
Ion Ratio Lower Upper
93 100
63 76.1 72.7 112.7
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 34.01 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.23 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion: 146 Resp: 419648
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 42.3 39.5 59.3

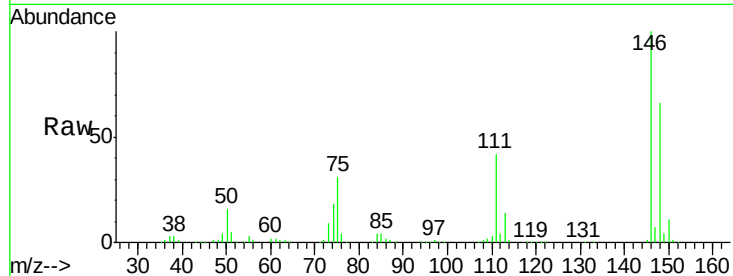




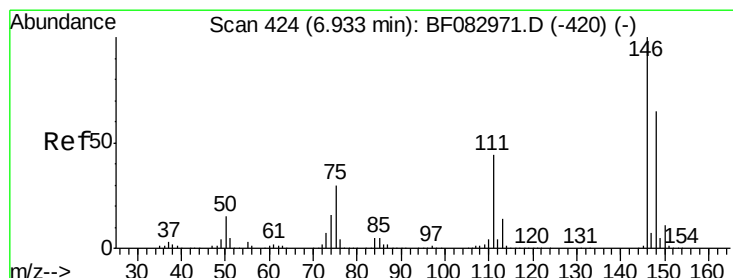
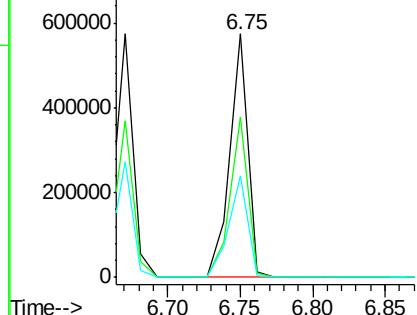
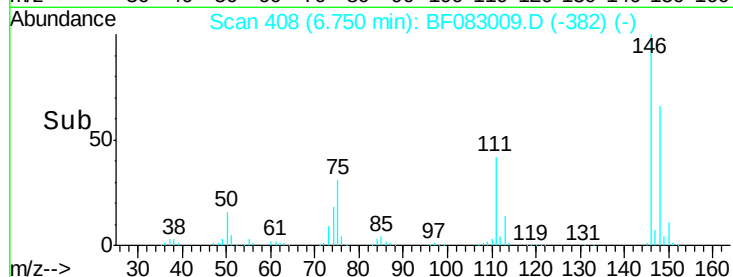
#13
 1,4-Dichlorobenzene
 Concen: 38.41 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	41.8	40.6	60.8

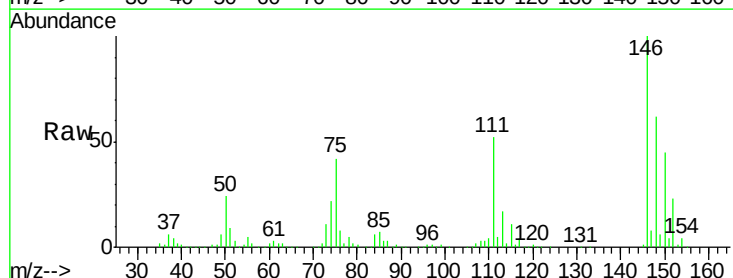


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

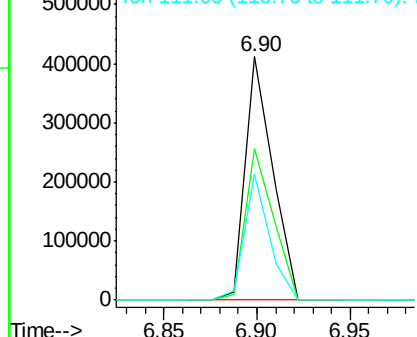
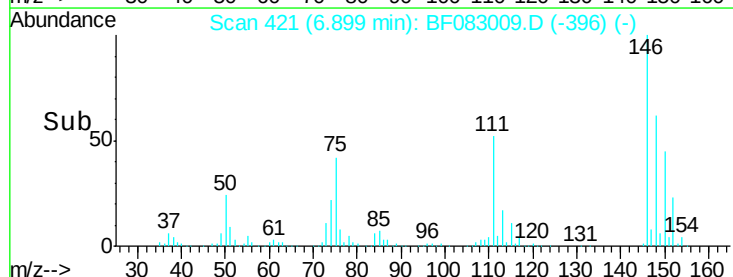


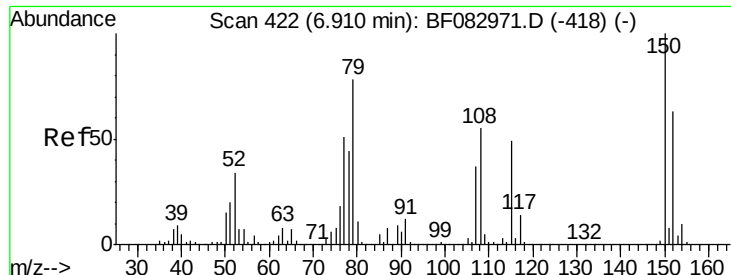
#14
 1,2-Dichlorobenzene
 Concen: 35.98 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
111	51.9	36.6	55.0



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

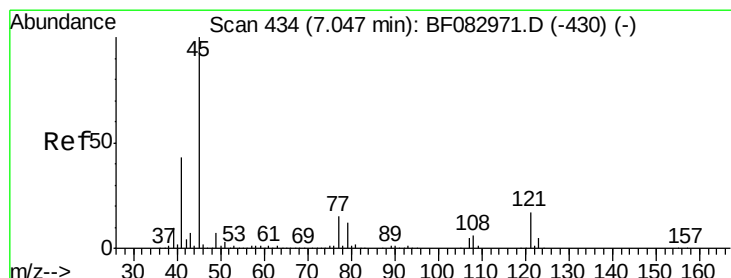
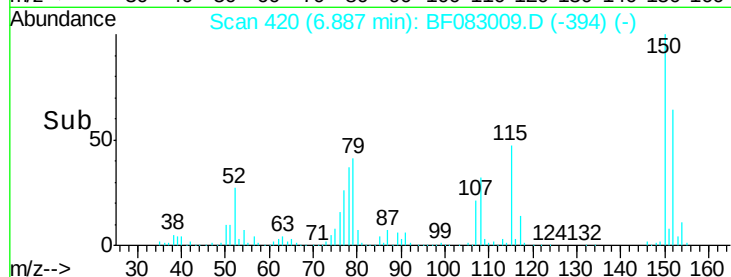
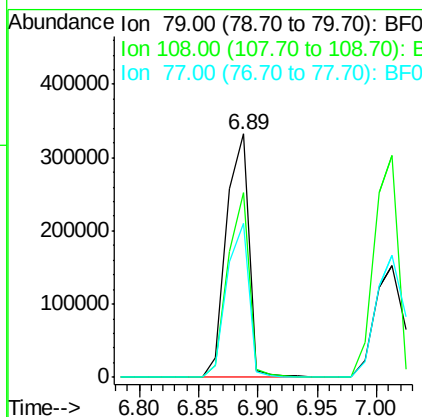
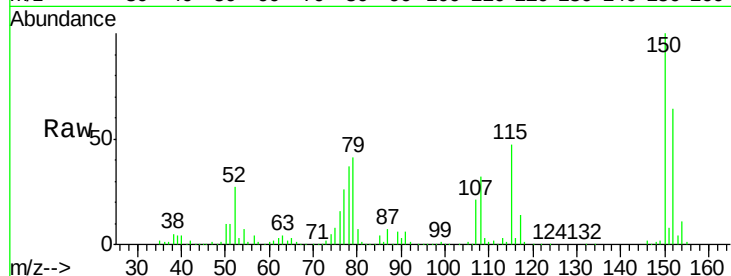




#15
Benzyl Alcohol
Concen: 37.81 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

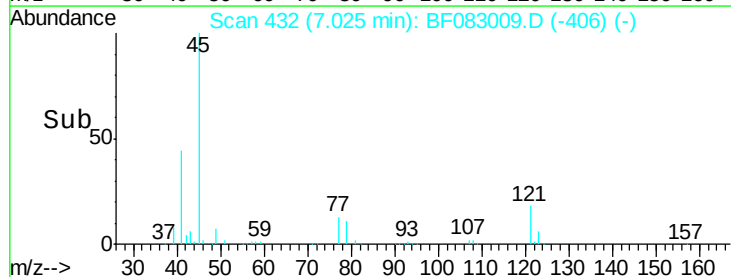
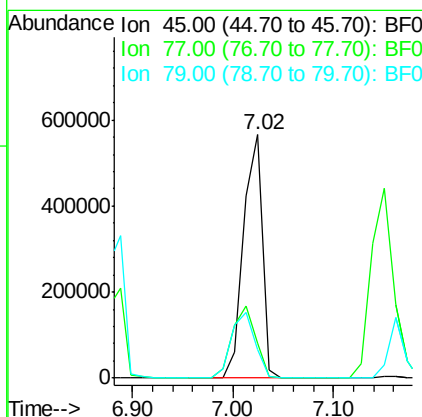
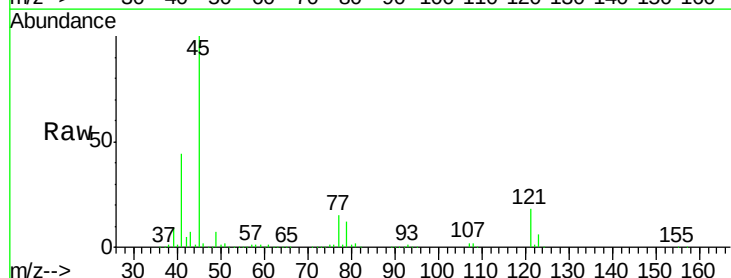
Instrument :
BNA_F
ClientSampleId :

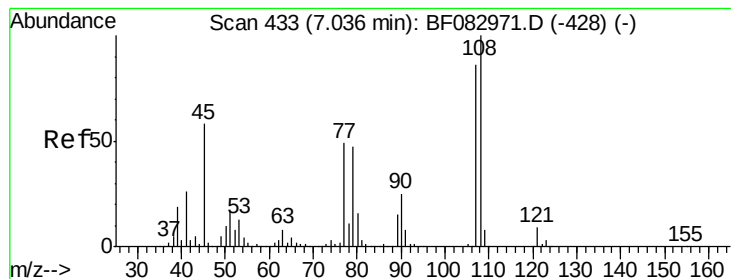
Tot Ion: 79 Resp: 435741
Ion Ratio Lower Upper
79 100
108 76.1 52.2 78.4
77 63.3 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.00 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion: 45 Resp: 734852
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.6
79 11.5 0.0 29.2

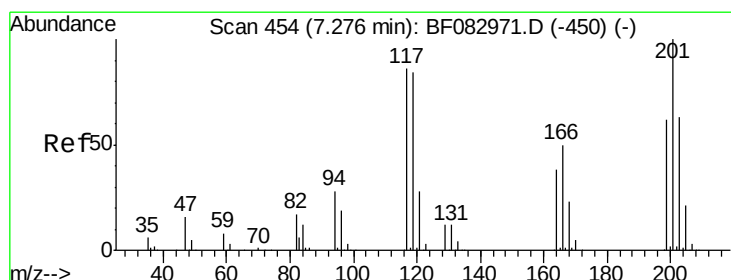
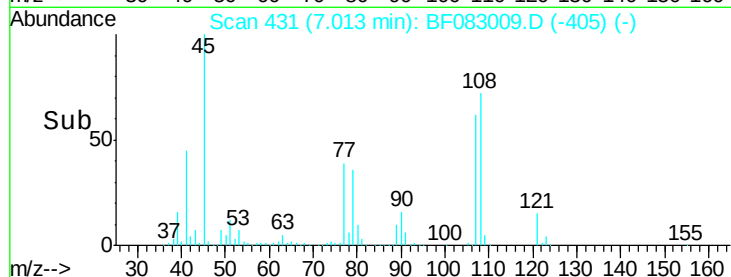
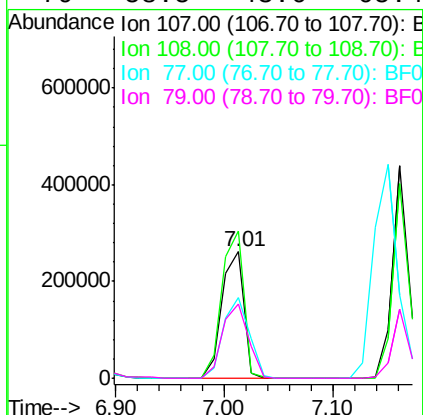
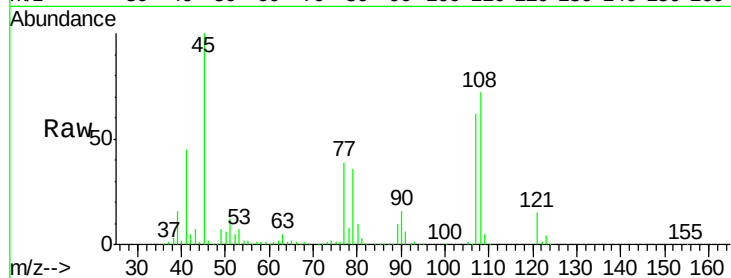




#17
2-Methylphenol
Concen: 39.41 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

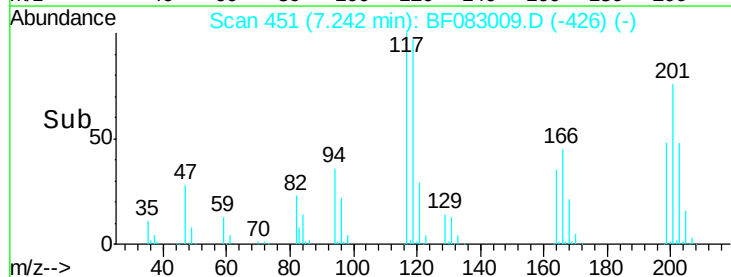
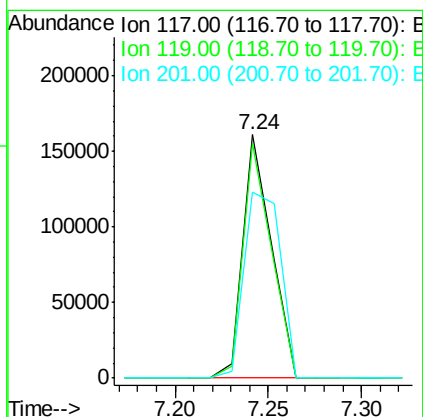
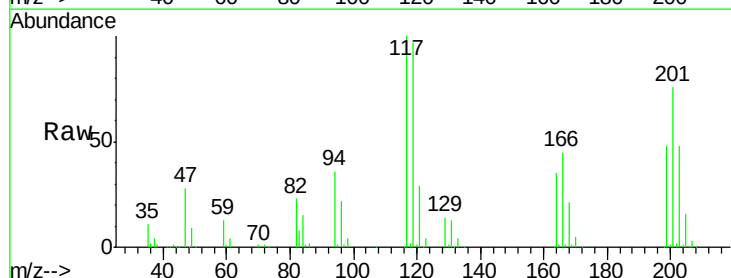
Instrument :
BNA_F
ClientSampled :

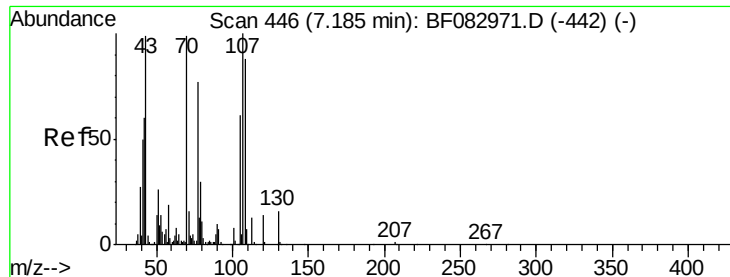
Tot Ion:	107	Resp:	365257
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.0	139.4
77	63.9	44.1	66.1
79	58.5	43.6	65.4



#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:	117	Resp:	170684
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.7	116.5
201	76.4	66.7	100.1

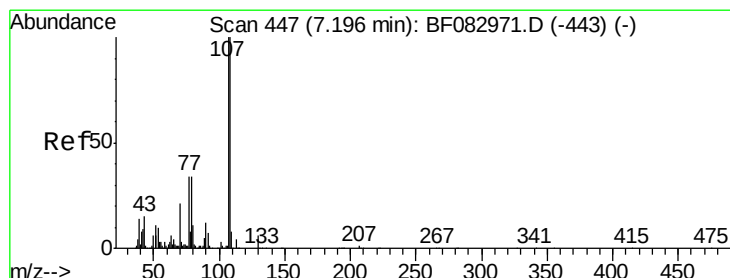
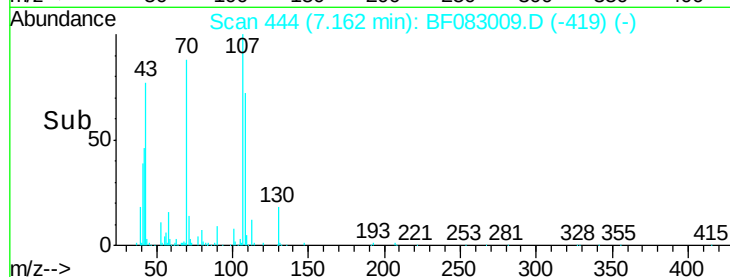
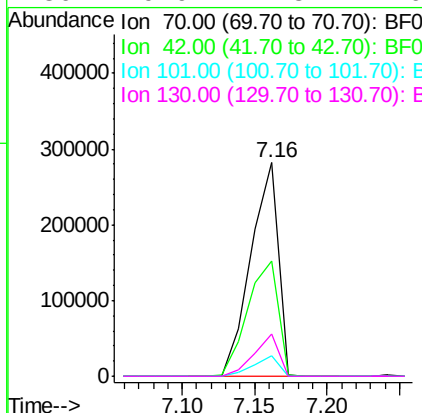
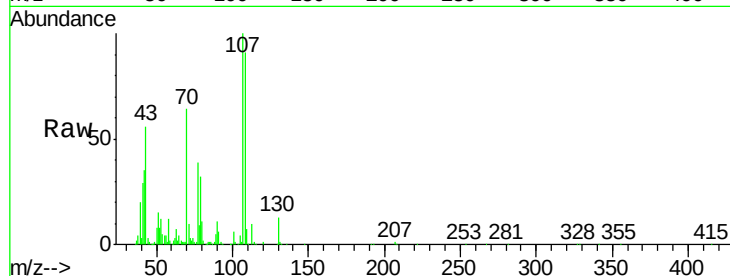




#19
n-Nitroso-di-n-propylamine
Concen: 38.53 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

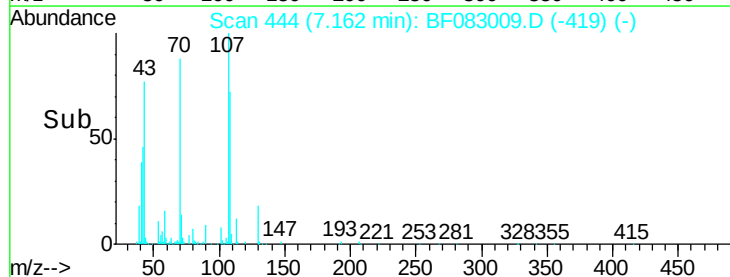
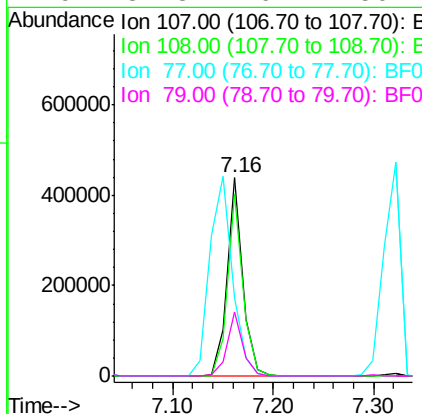
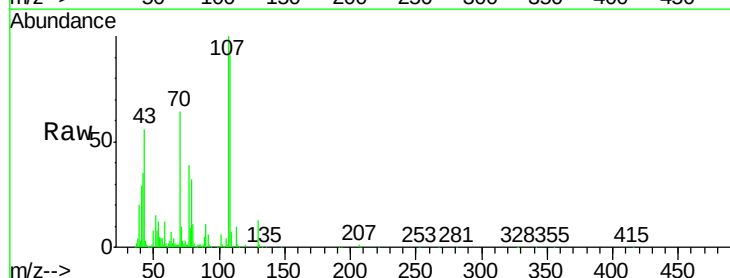
Instrument :
BNA_F
ClientSampleId :

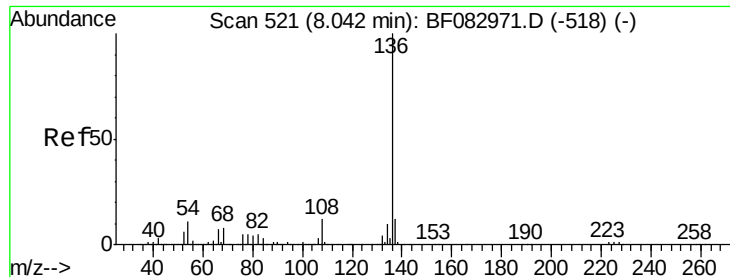
Tot Ion: 70 Resp: 371594
Ion Ratio Lower Upper
70 100
42 54.2 57.7 86.5#
101 9.7 7.0 10.6
130 19.9 11.8 17.6#



#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion: 107 Resp: 470159
Ion Ratio Lower Upper
107 100
108 91.4 67.3 107.3
77 39.2 100.3 140.3#
79 32.3 16.2 56.2

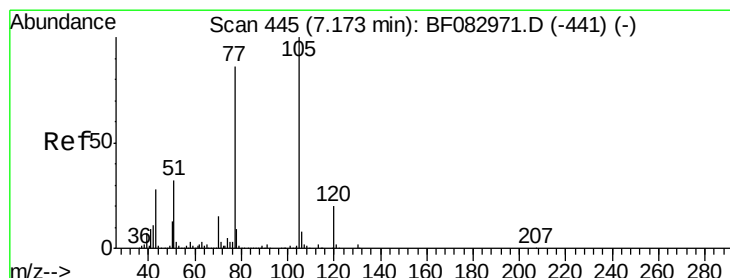
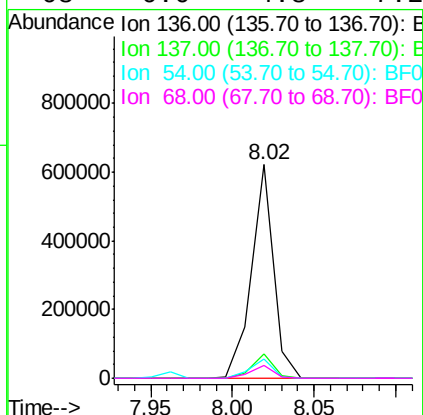
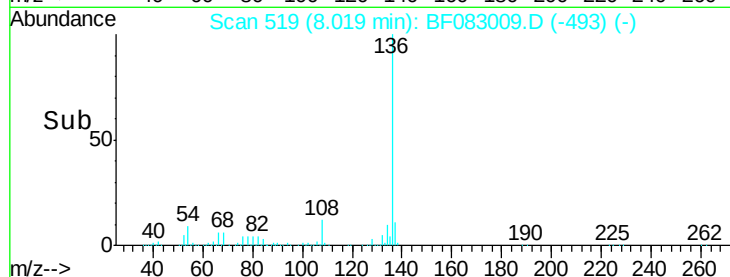
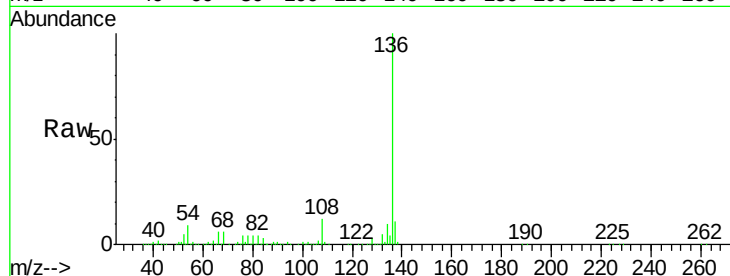




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

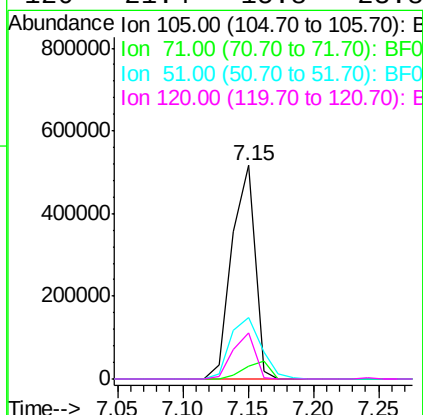
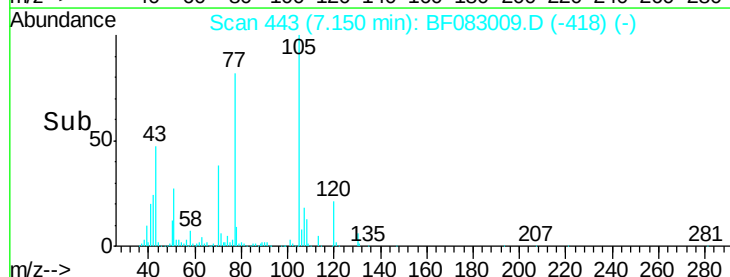
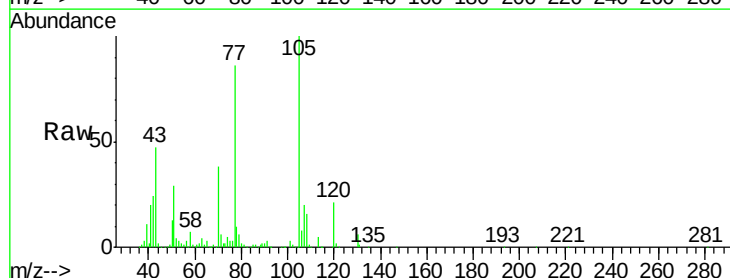
Instrument :
BNA_F
ClientSampleId :

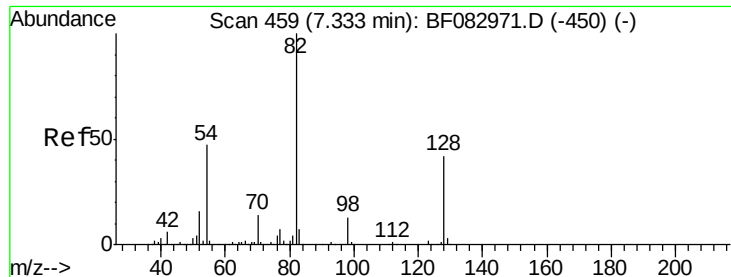
Tot Ion:136	Resp: 585079
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 9.0	9.1 13.7#
68 6.0	4.8 7.2



#22
Acetophenone
Concen: 37.91 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:105	Resp: 635470
Ion Ratio	Lower Upper
105 100	
71 6.1	5.6 8.4
51 28.9	24.9 37.3
120 21.4	15.8 23.8

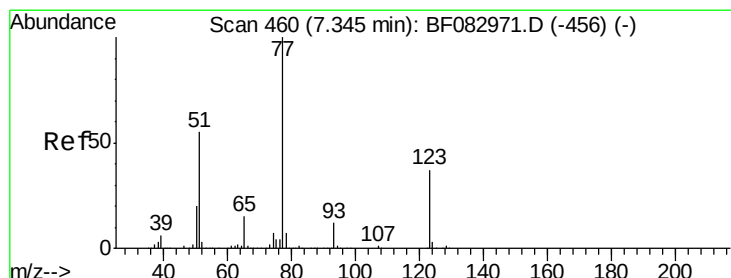
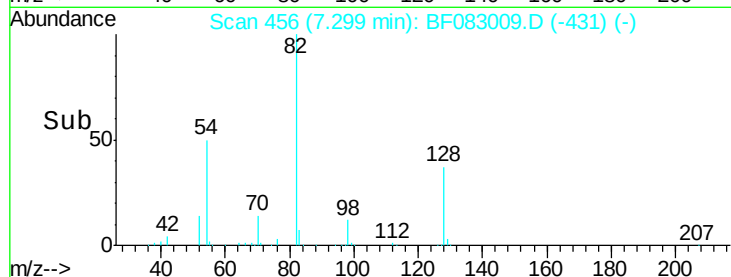
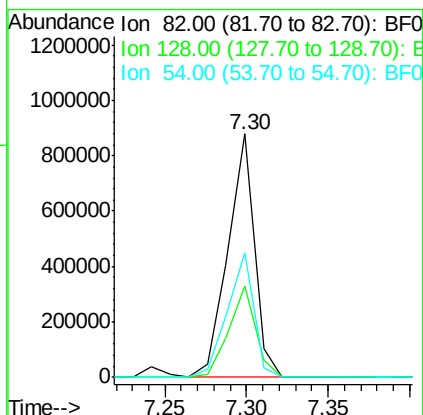
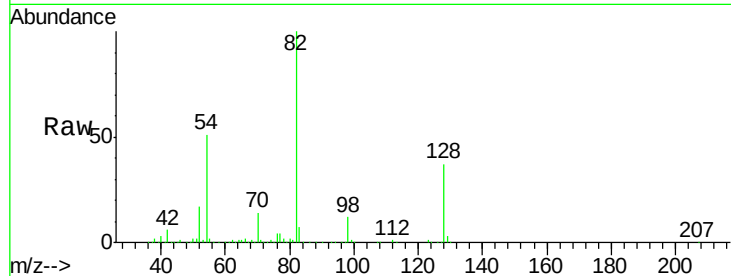




#23
 Nitrobenzene-d5
 Concen: 73.17 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

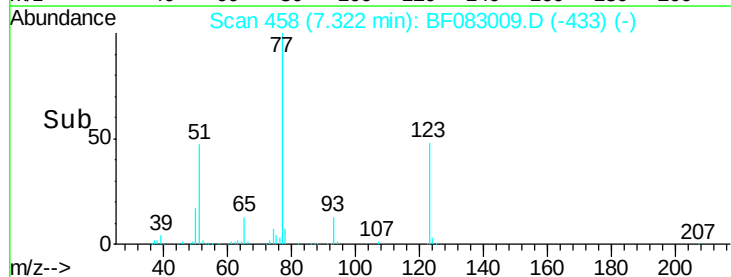
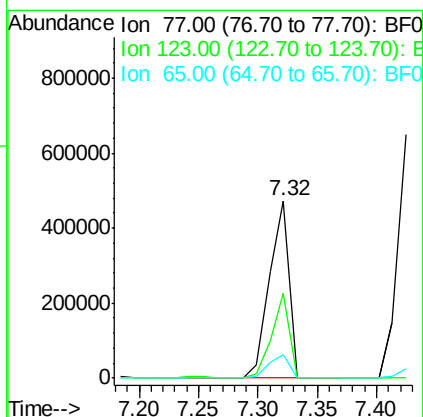
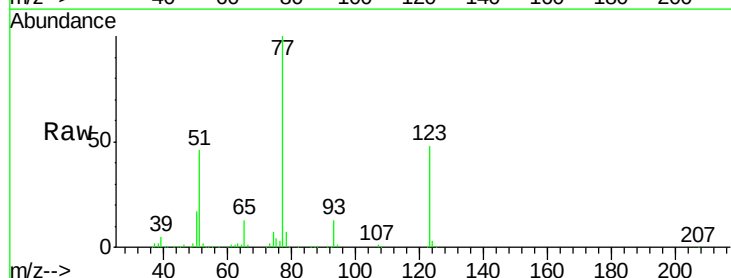
Instrument :
 BNA_F
 ClientSampled :

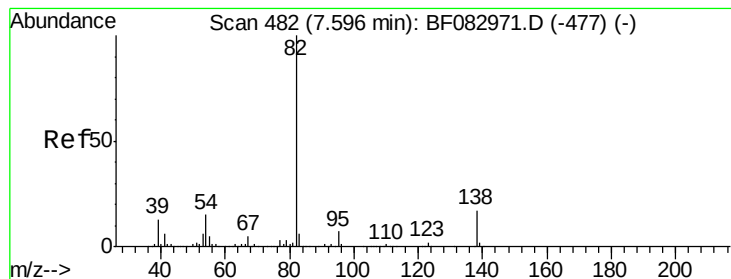
Tot Ion	82	Resp	983925
Ion Ratio	100	Lower	Upper
128	37.4	26.8	40.2
54	51.4	45.7	68.5



#24
 Nitrobenzene
 Concen: 39.77 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	77	Resp	546921
Ion Ratio	100	Lower	Upper
123	48.1	36.4	54.6
65	13.0	11.5	17.3





#25

Isophorone

Concen: 37.91 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

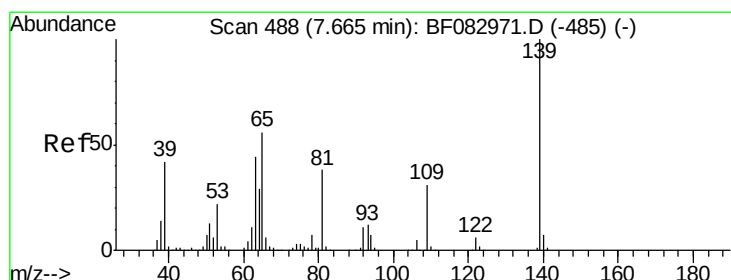
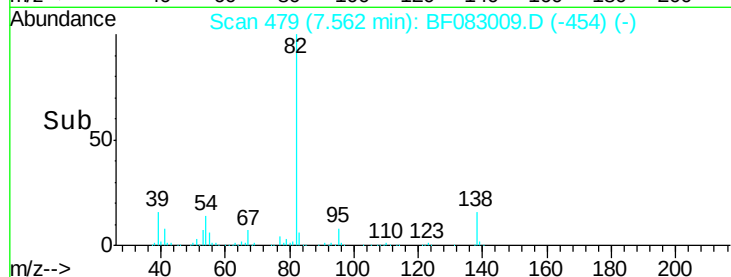
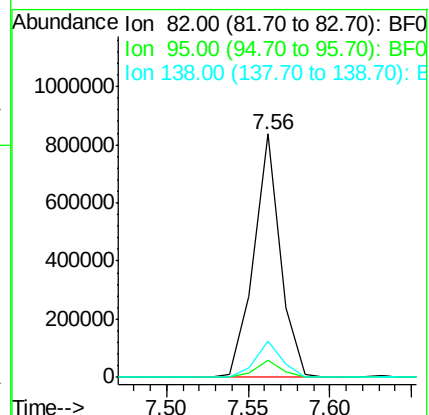
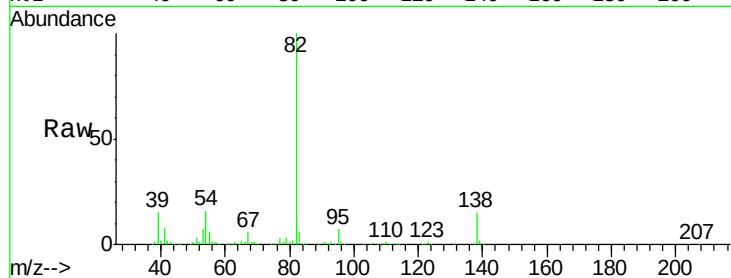
Tot Ion: 82 Resp: 943134

Ion Ratio Lower Upper

82 100

95 7.1 6.6 9.8

138 14.9 11.4 17.0



#26

2-Nitrophenol

Concen: 40.59 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

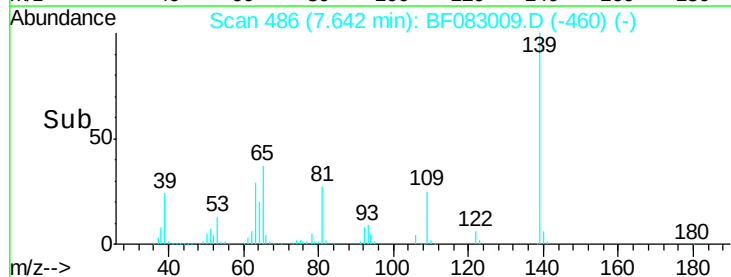
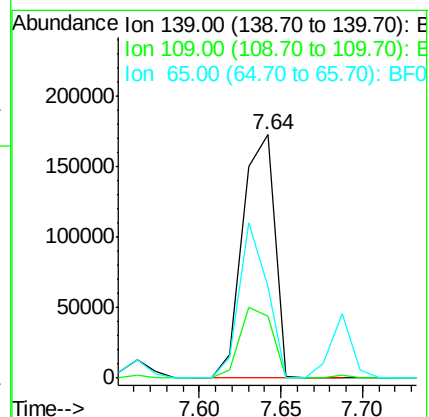
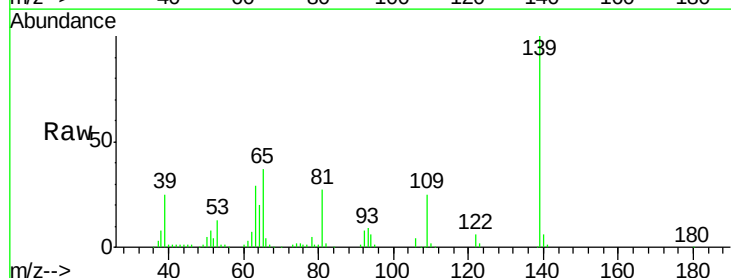
Tgt Ion: 139 Resp: 232966

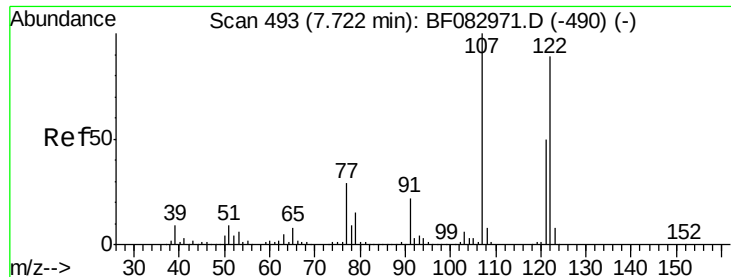
Ion Ratio Lower Upper

139 100

109 25.5 37.6 56.4#

65 37.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.56 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

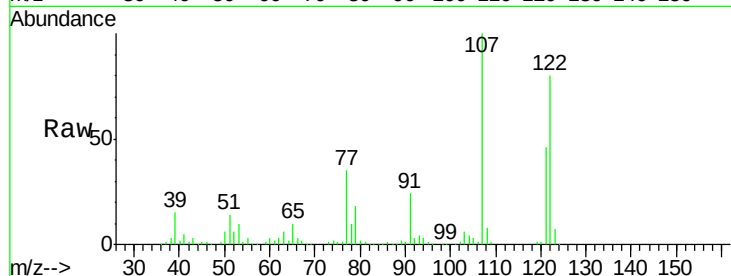
Tot Ion:122 Resp: 377092

Ion Ratio Lower Upper

122 100

107 124.6 106.0 159.0

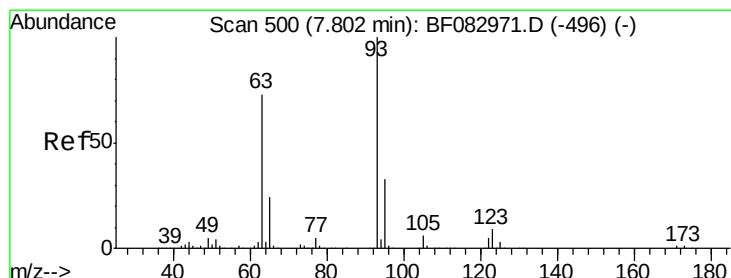
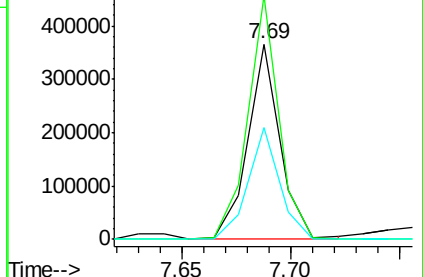
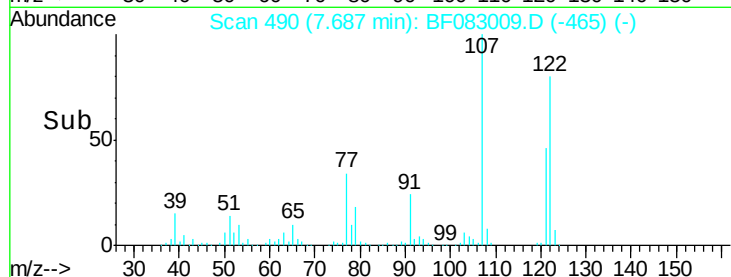
121 57.4 46.7 70.1



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: 42.54 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

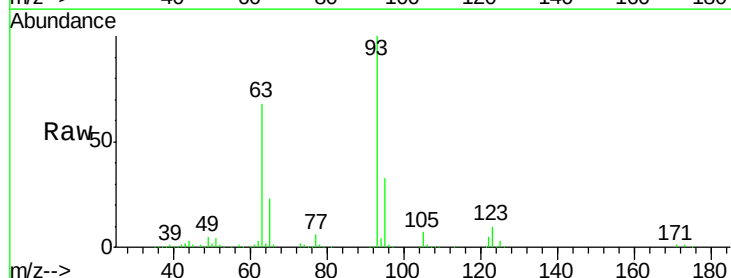
Tgt Ion: 93 Resp: 596994

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

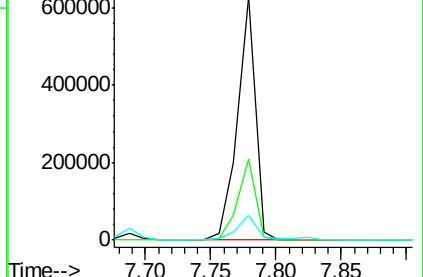
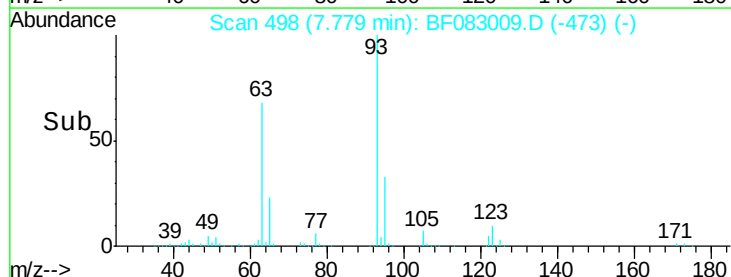
123 10.0 9.7 14.5

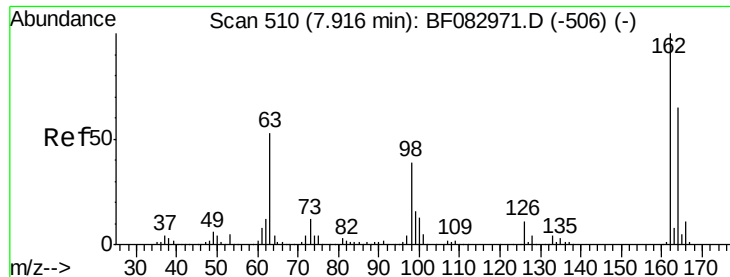


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

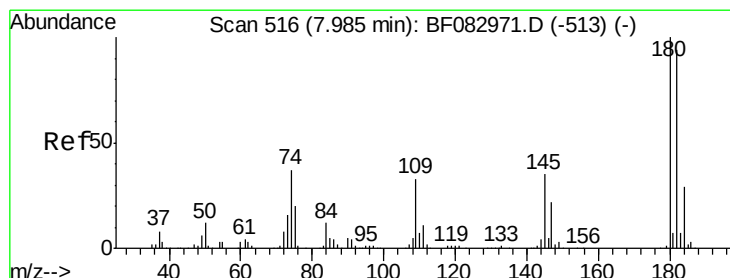
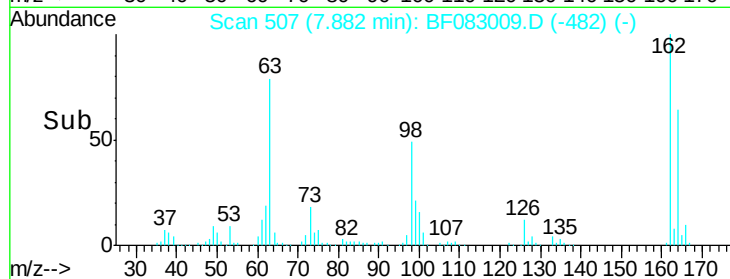
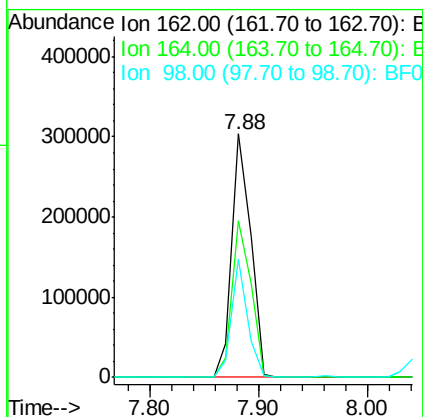
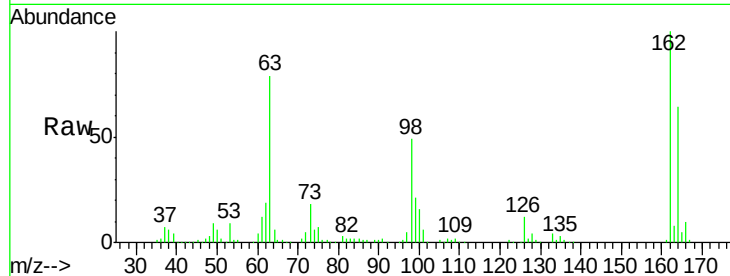




#29
2,4-Dichlorophenol
Concen: 38.92 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

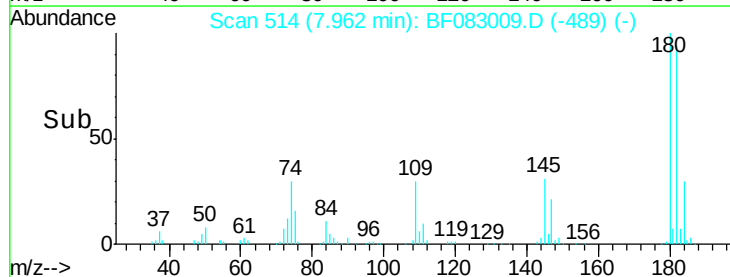
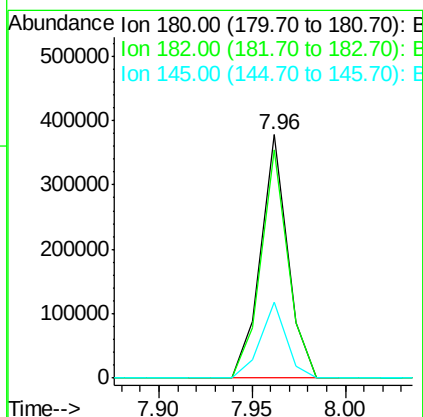
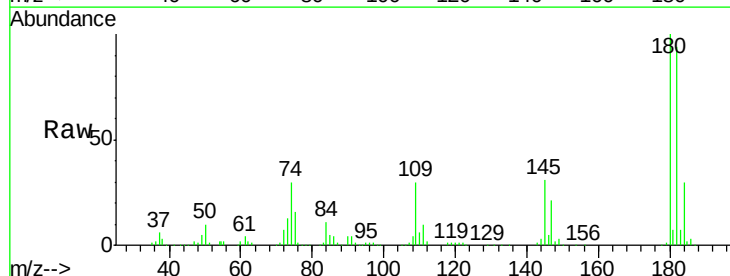
Instrument :
BNA_F
ClientSampleId :

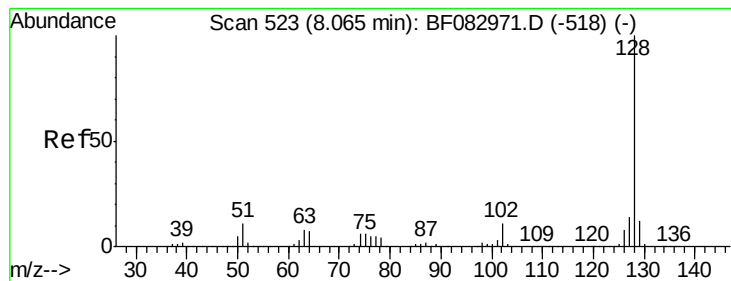
Tot Ion:162 Resp: 362738
Ion Ratio Lower Upper
162 100
164 64.1 46.8 86.8
98 48.7 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 36.37 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:180 Resp: 381191
Ion Ratio Lower Upper
180 100
182 93.9 74.9 112.3
145 31.4 27.8 41.8





#31

Naphthalene

Concen: 38.65 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

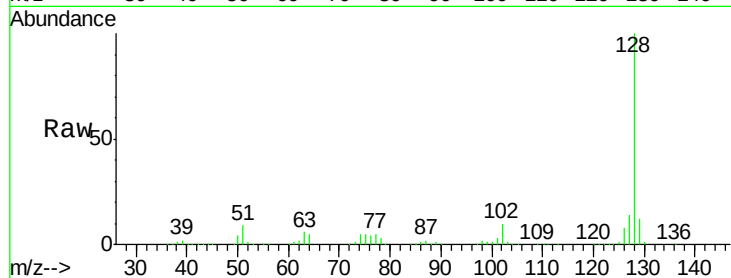
Tot Ion:128 Resp: 1247598

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

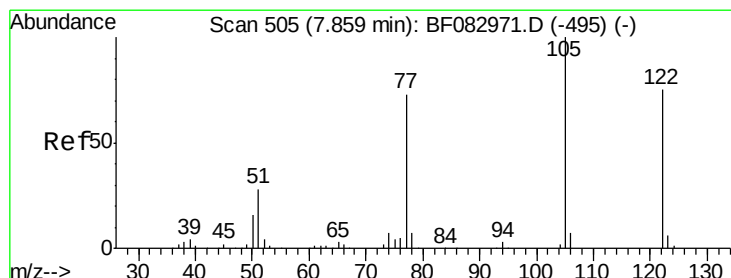
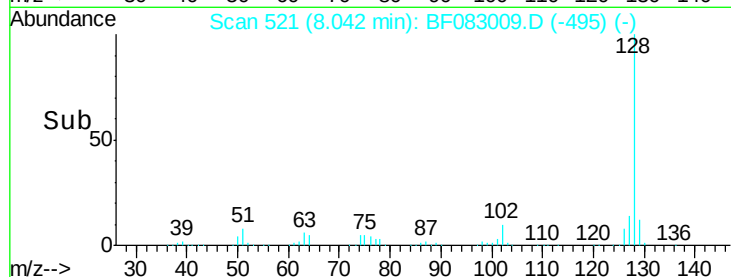
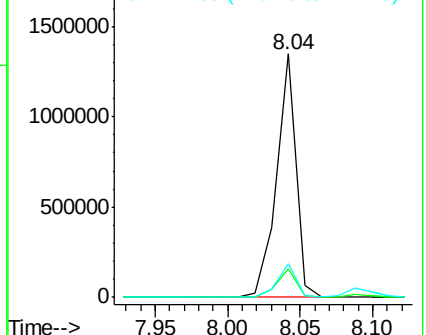
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.84 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

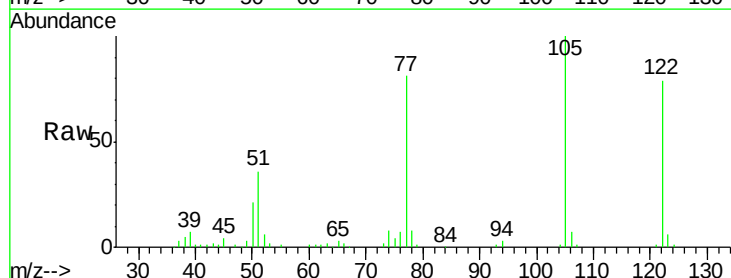
Tgt Ion:122 Resp: 260137

Ion Ratio Lower Upper

122 100

105 126.4 122.6 162.6

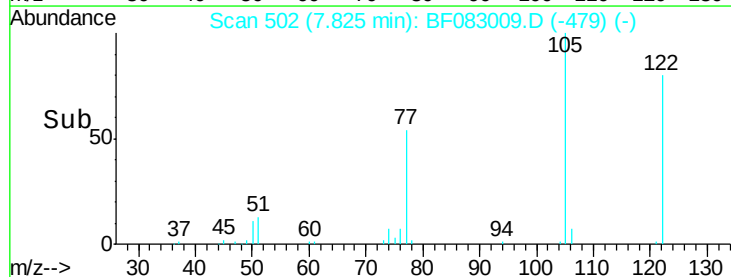
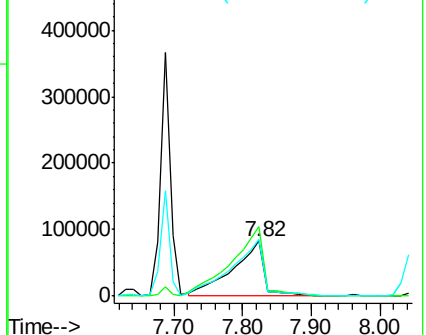
77 101.8 100.9 140.9

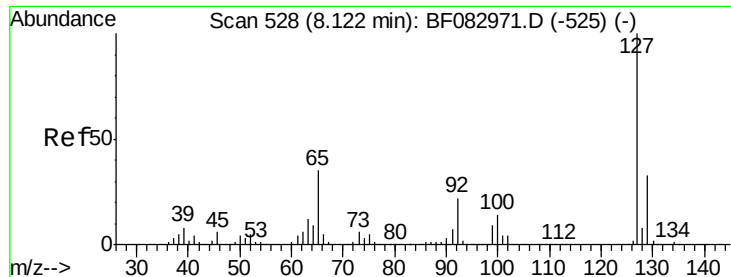


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

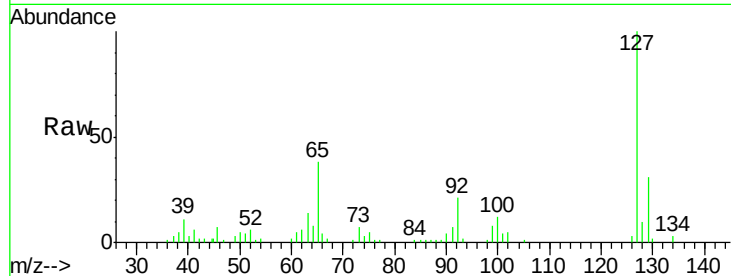




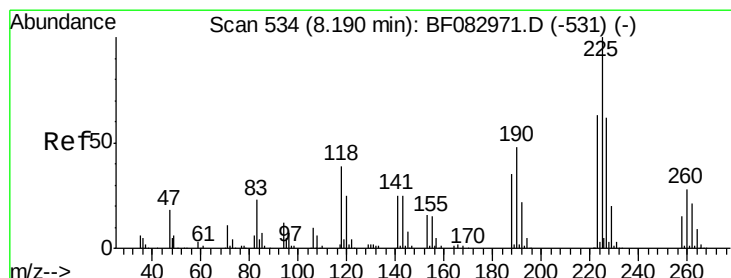
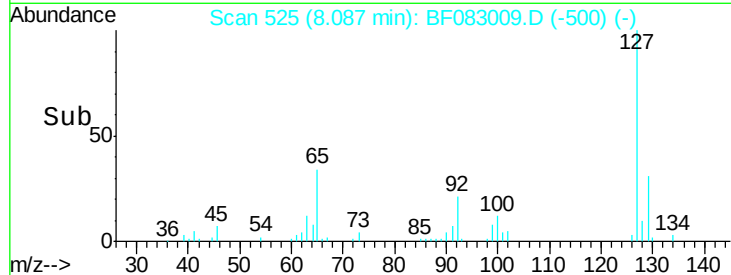
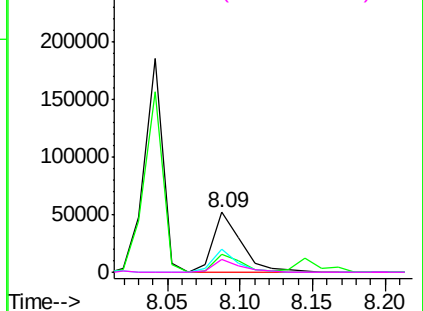
#33
4-Chloroaniline
Concen: 5.08 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	70740
Ion Ratio	Lower	Upper
127	100	
129	30.8	26.3 39.5
65	38.3	37.8 56.8
92	20.9	20.6 31.0

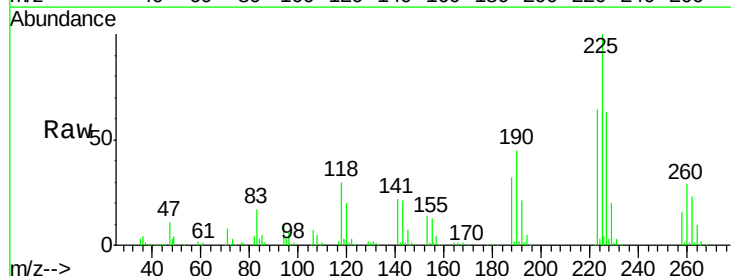


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

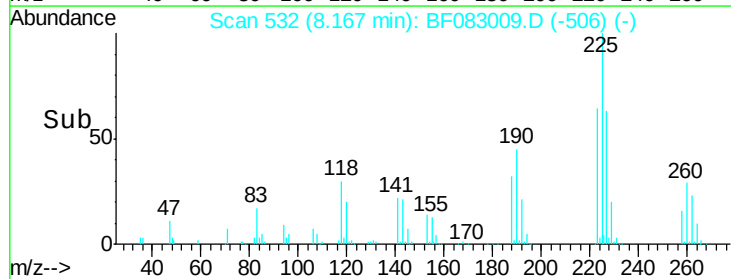
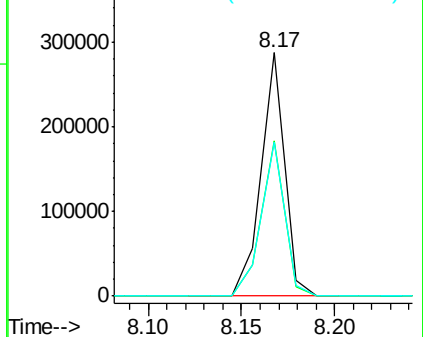


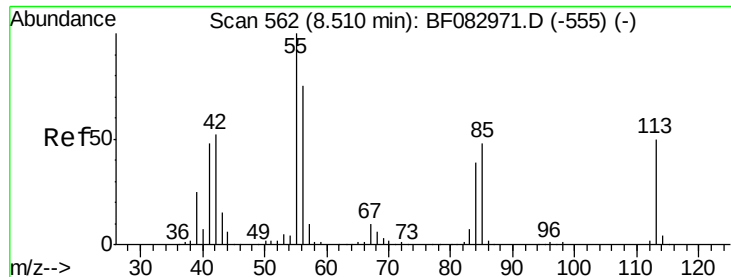
#34
Hexachlorobutadiene
Concen: 38.05 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:225	Resp:	249625
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.5 75.7
227	63.5	50.2 75.2



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

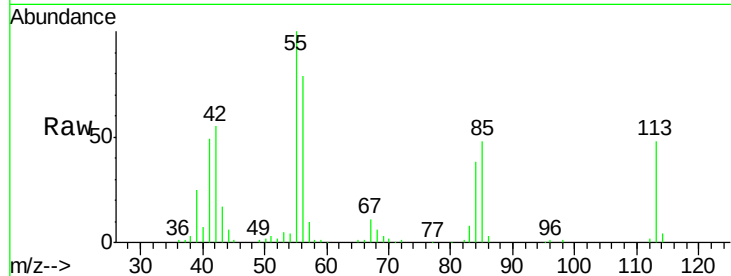




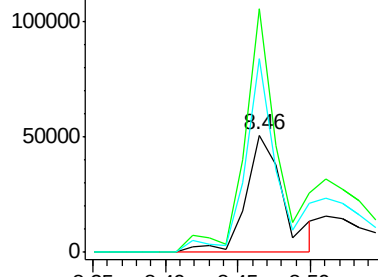
#35
 Caprolactam
 Concen: 31.15 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

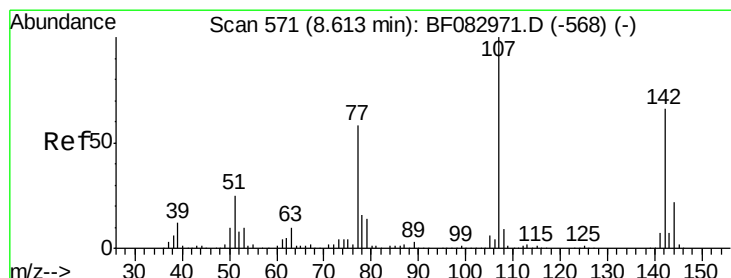
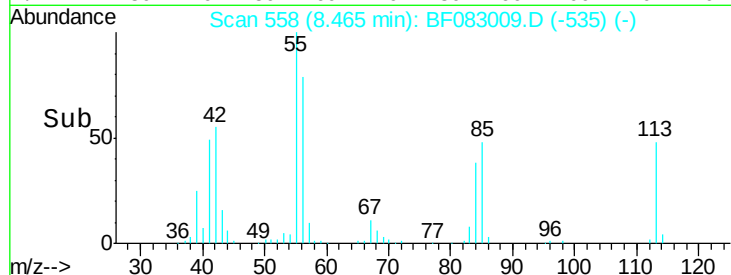
Tot Ion:113 Resp: 91540
 Ion Ratio Lower Upper
 113 100
 55 207.4 195.5 235.5
 56 164.7 153.5 193.5



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

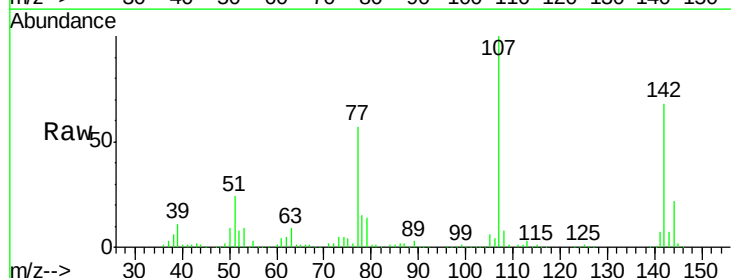


Time-->

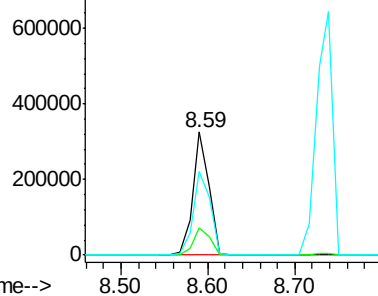


#36
 4-Chloro-3-methylphenol
 Concen: 38.31 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

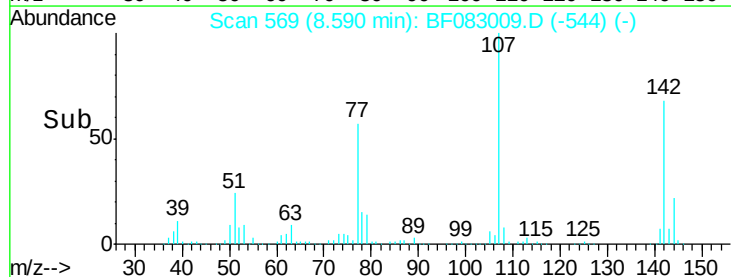
Tgt Ion:107 Resp: 419900
 Ion Ratio Lower Upper
 107 100
 144 22.3 15.4 23.0
 142 67.7 47.8 71.8

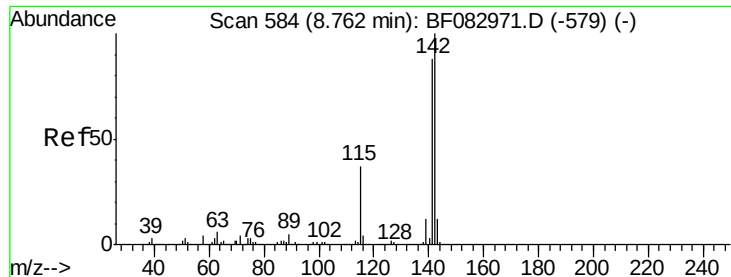


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

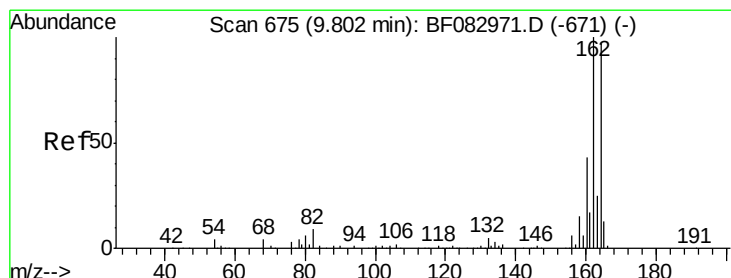
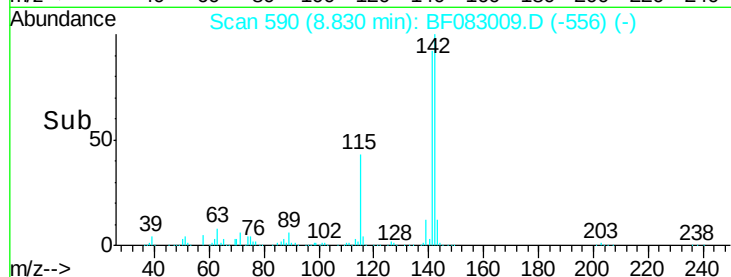
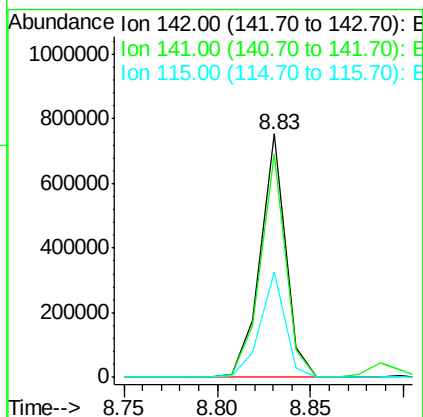
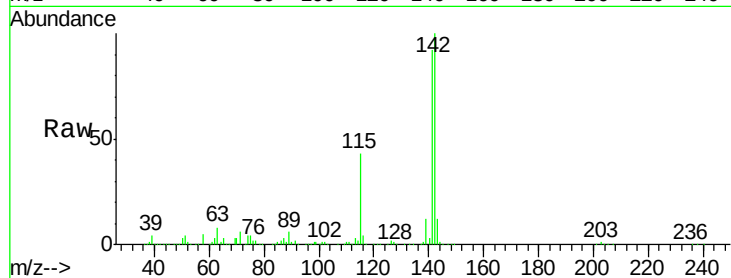




#37
2-Methylnaphthalene
Concen: 33.83 ng
RT: 8.83 min Scan# 590
Delta R.T. 0.09 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

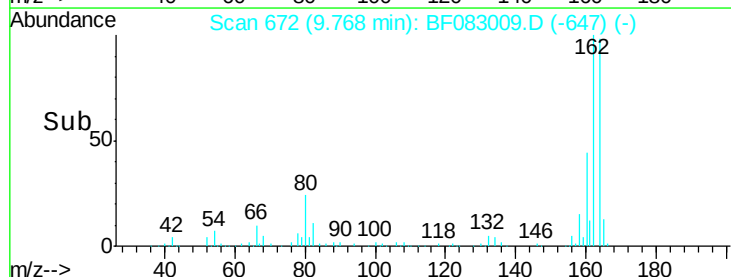
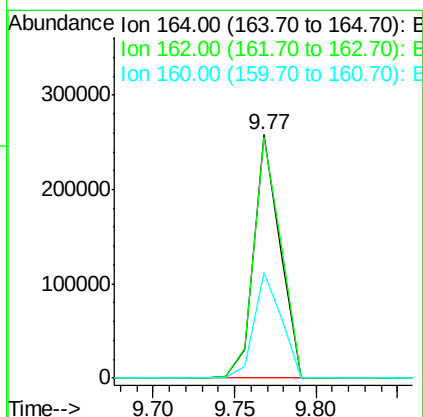
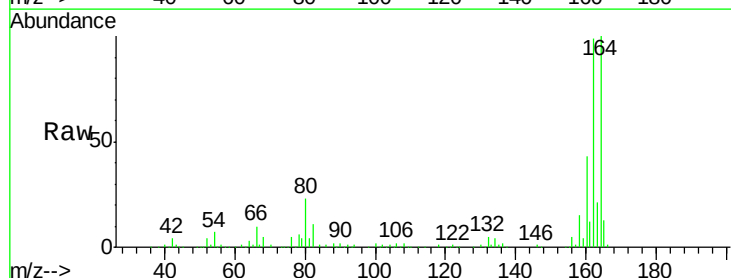
Instrument :
BNA_F
ClientSampleID :

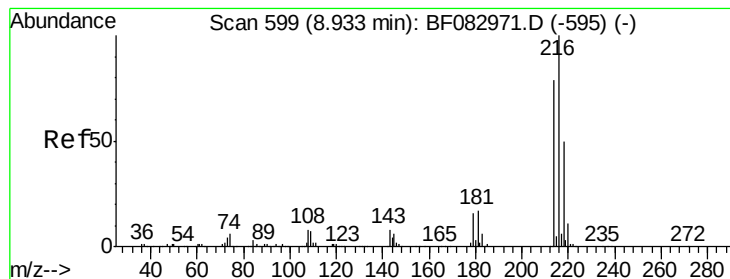
Tot Ion:142 Resp: 706424
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
115 43.3 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:164 Resp: 287181
Ion Ratio Lower Upper
164 100
162 99.2 84.9 127.3
160 43.1 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.61 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 354915

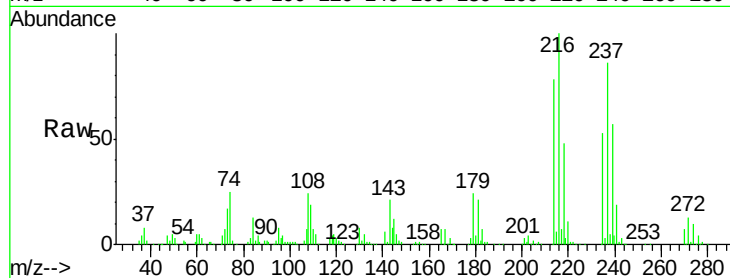
Ion Ratio Lower Upper

216 100

214 77.6 62.2 93.2

179 21.9 18.1 27.1

108 22.7 16.6 25.0

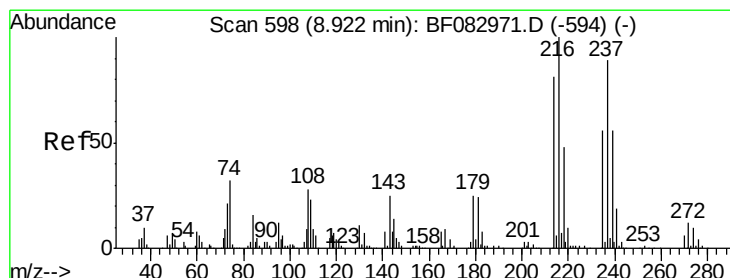
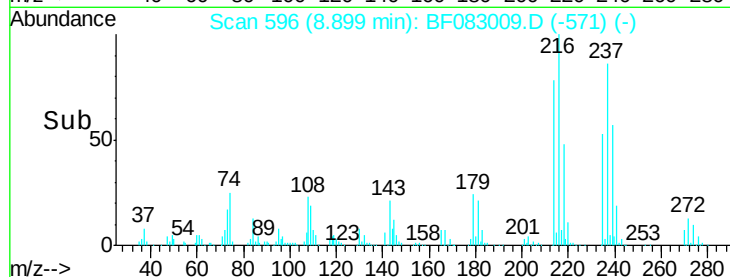
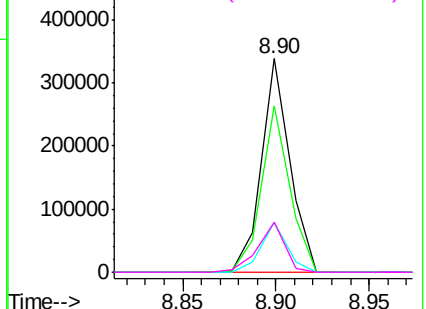


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.34 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

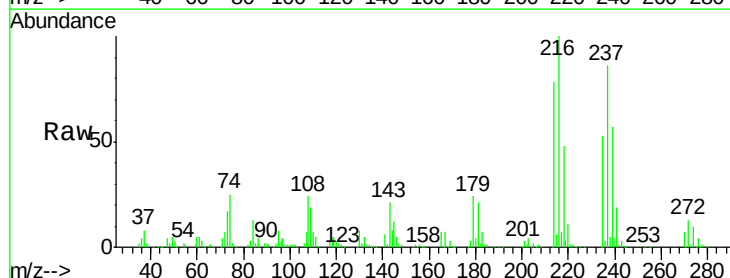
Tgt Ion:237 Resp: 412394

Ion Ratio Lower Upper

237 100

235 61.4 44.3 84.3

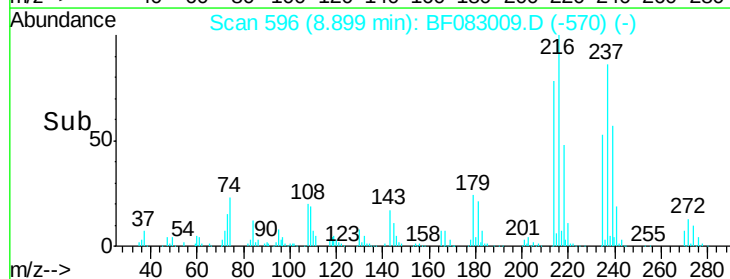
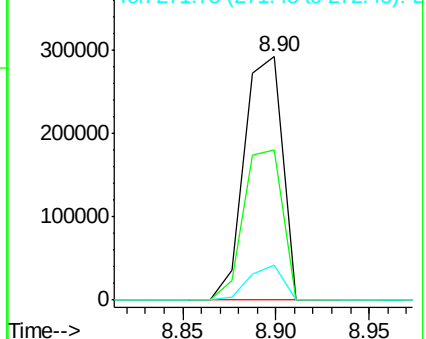
272 14.5 0.0 31.9

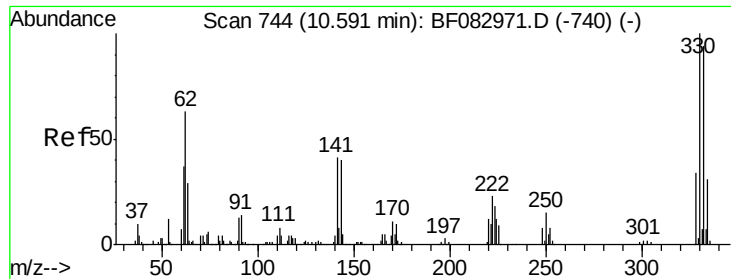


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

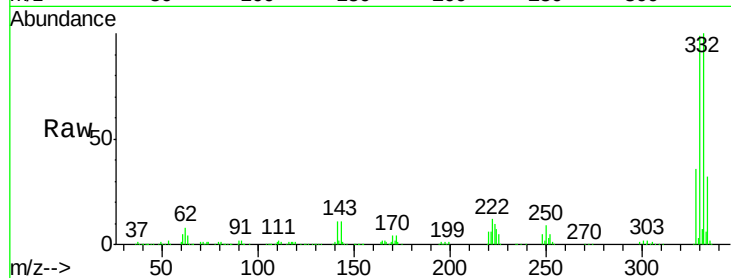




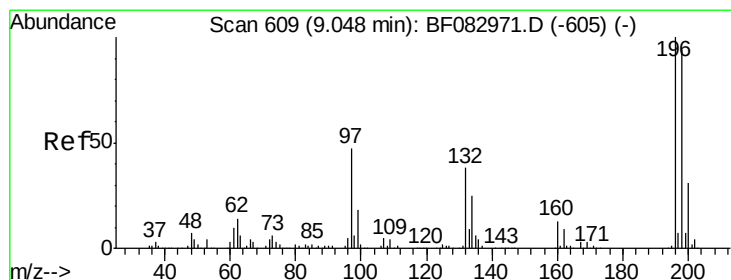
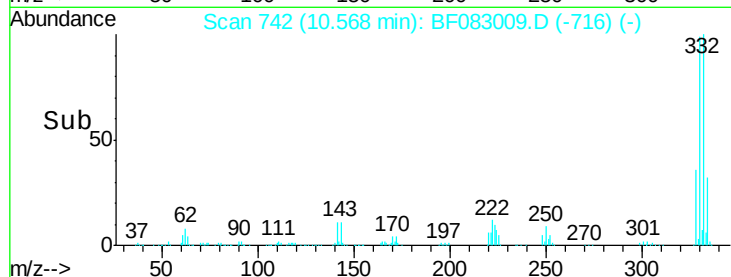
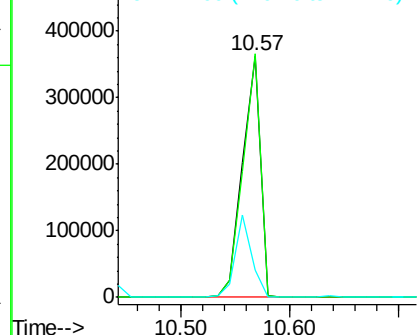
#41
 2,4,6-Tribromophenol
 Concen: 124.89 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 411237
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 31.6 41.2 61.8#

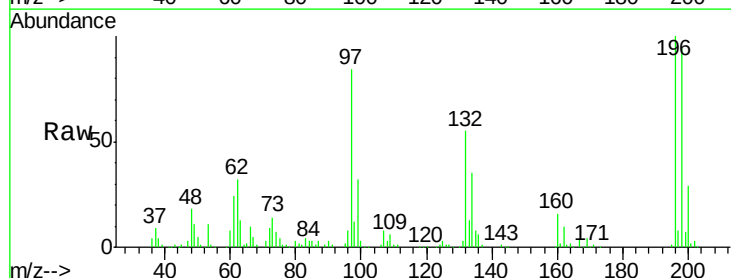


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

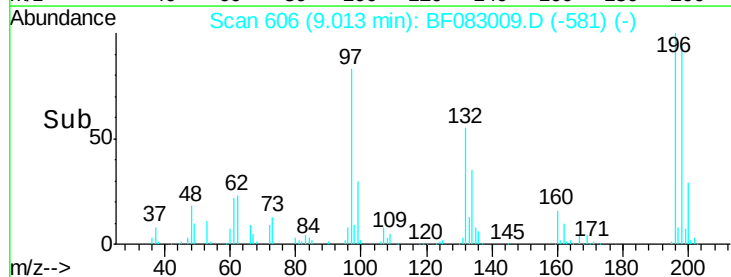
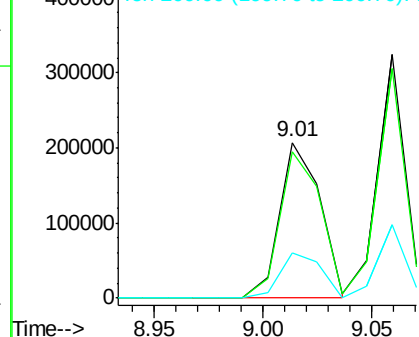


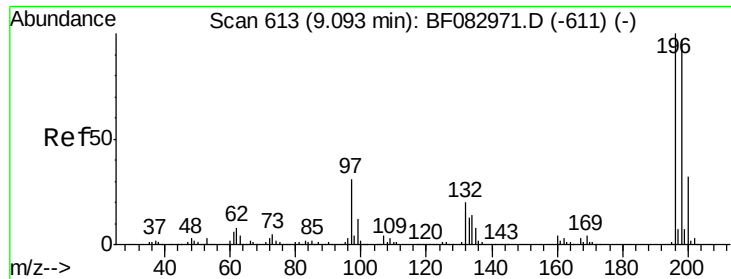
#42
 2,4,6-Trichlorophenol
 Concen: 38.17 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:196 Resp: 268876
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 28.8 23.9 35.9



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

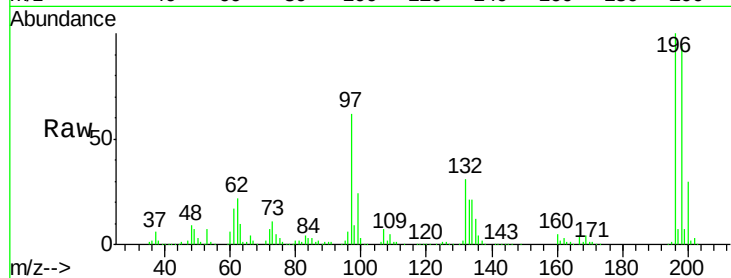




#43
 2,4,5-Trichlorophenol
 Concen: 41.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.8	113.8
97	62.1	62.3	93.5
132	31.2	27.4	41.2



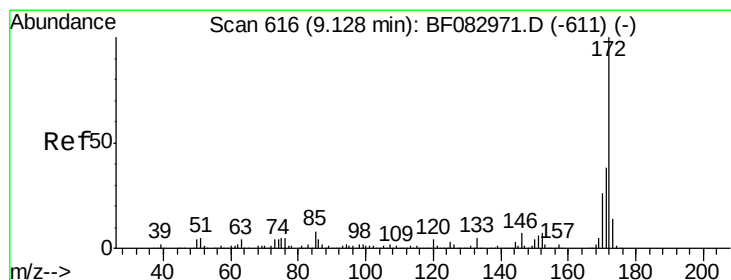
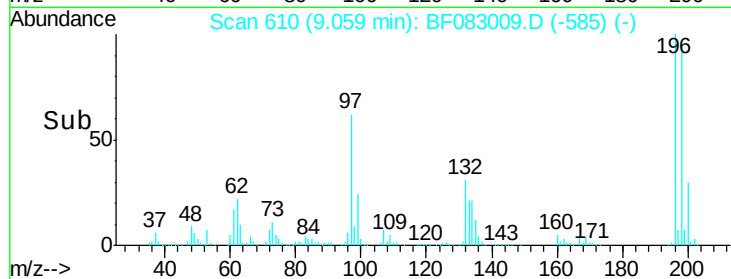
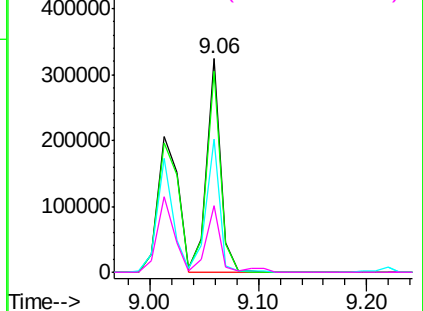
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

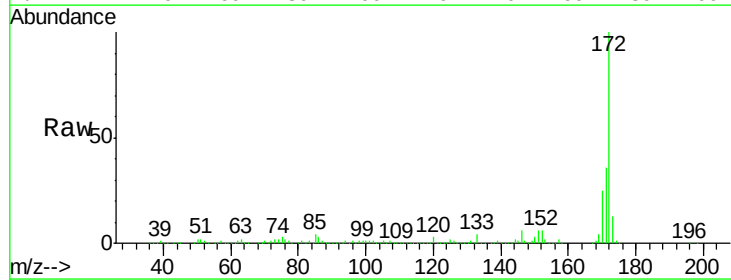
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.5	21.2	31.8

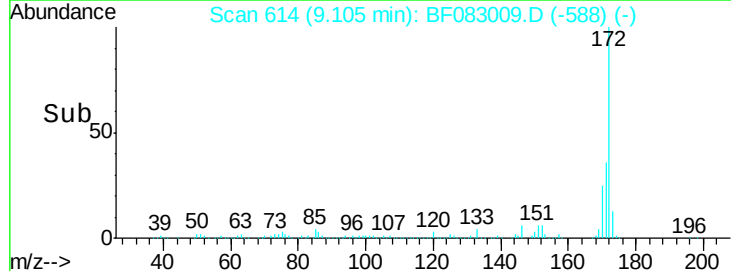
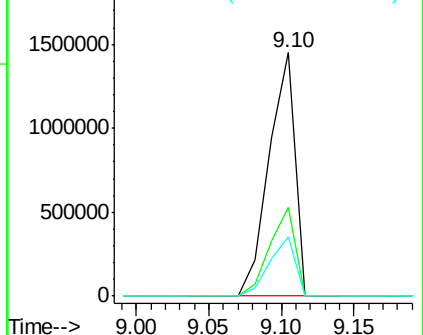


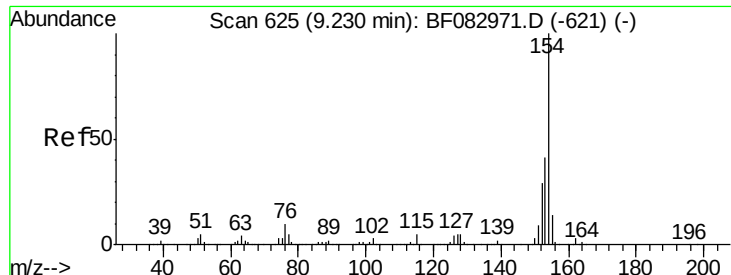
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

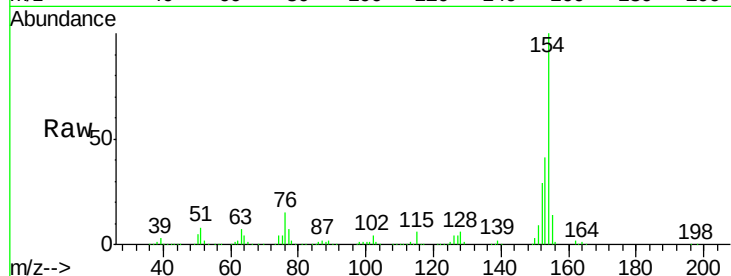




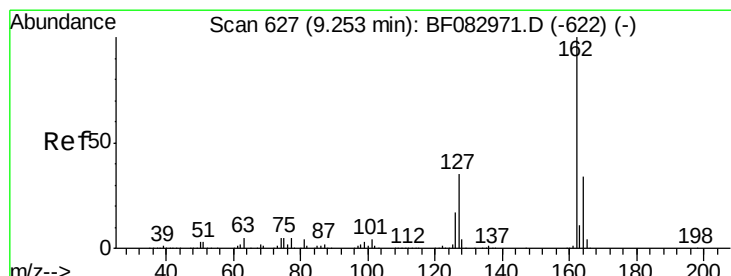
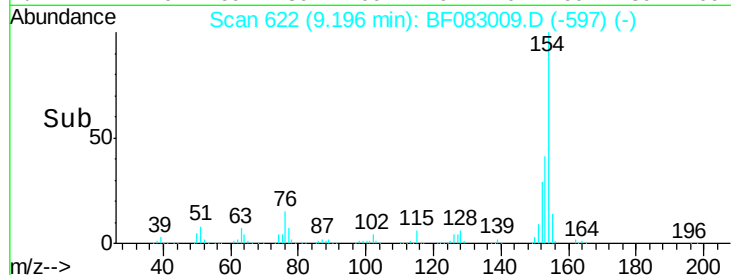
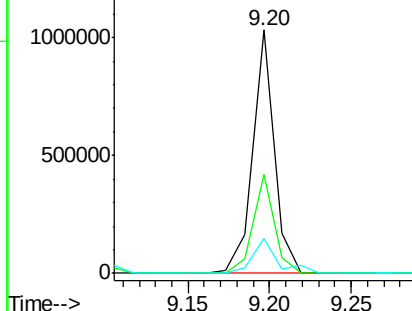
#45
 1,1'-Biphenyl
 Concen: 38.41 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.0	62.0
76	14.6	0.0	29.0

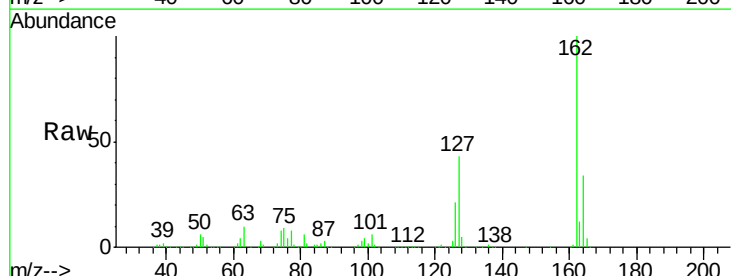


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

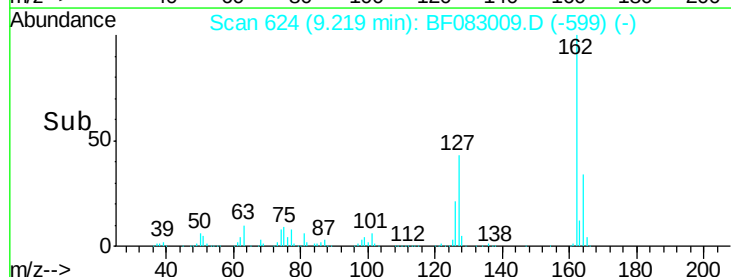
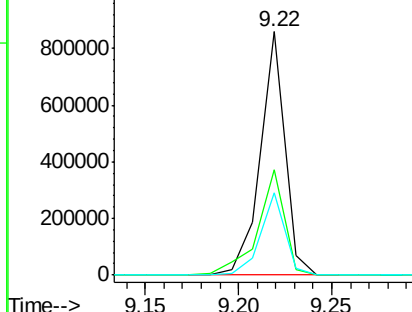


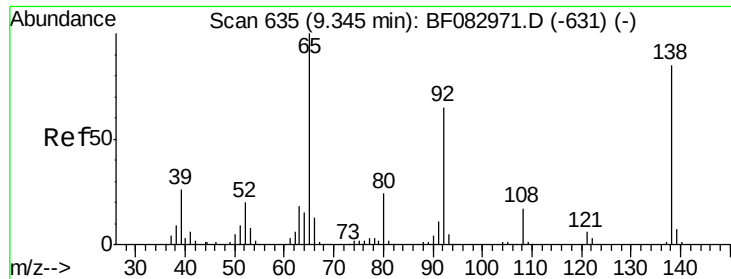
#46
 2-Chloronaphthalene
 Concen: 40.62 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.7	49.1
164	33.7	27.4	41.0



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

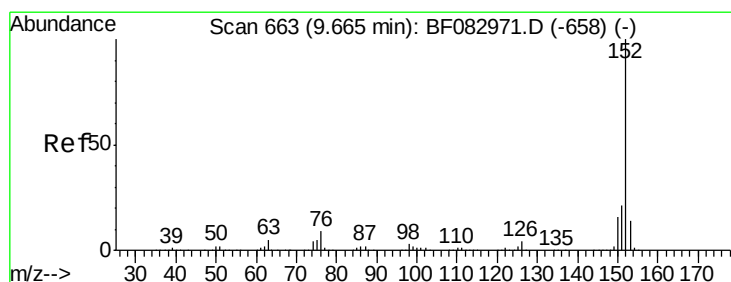
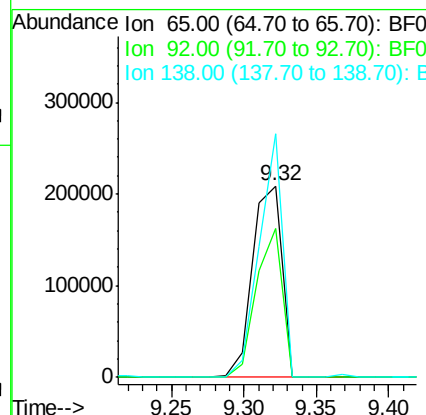
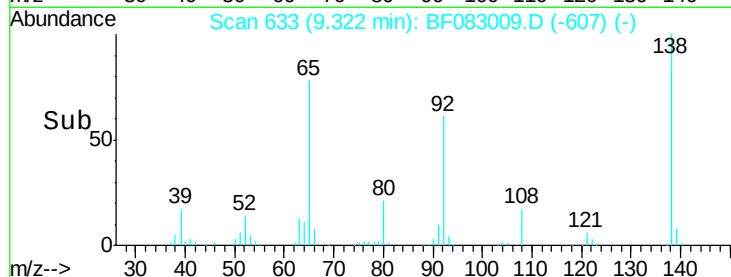
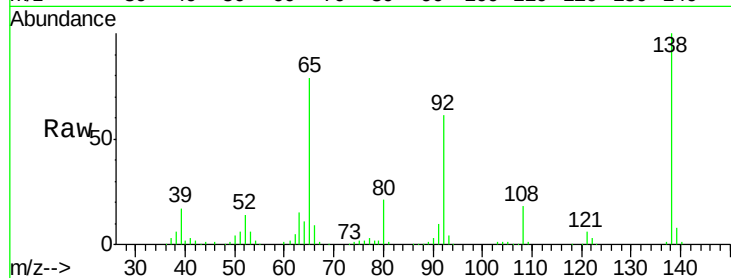




#47
2-Nitroaniline
Concen: 41.25 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

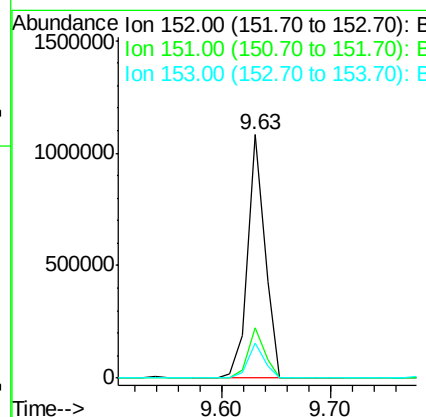
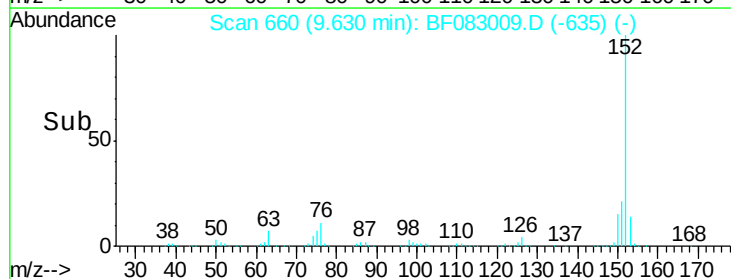
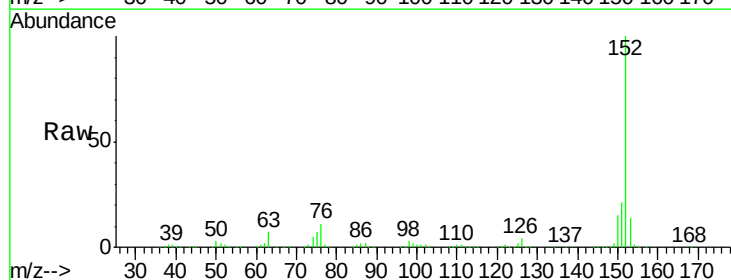
Instrument :
BNA_F
ClientSampleId :

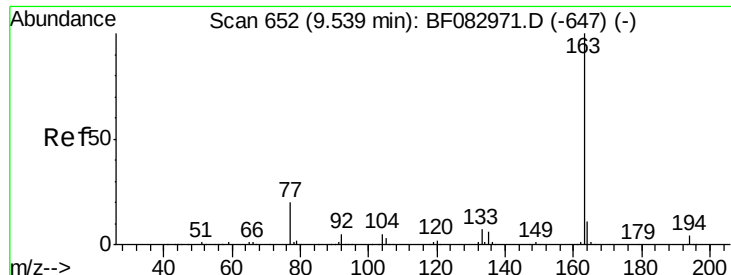
Tot Ion: 65 Resp: 294110
Ion Ratio Lower Upper
65 100
92 77.8 46.6 70.0#
138 127.0 54.6 81.8#



#48
Acenaphthylene
Concen: 39.10 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion: 152 Resp: 1177846
Ion Ratio Lower Upper
152 100
151 20.6 17.3 25.9
153 14.2 11.3 16.9

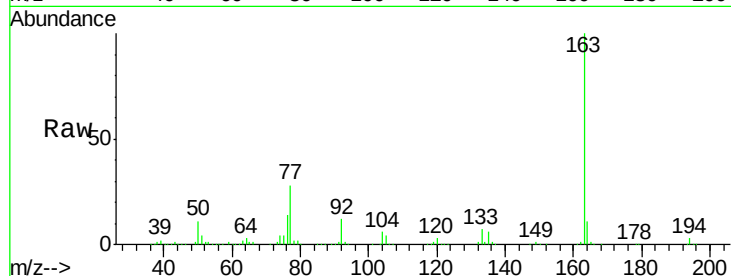




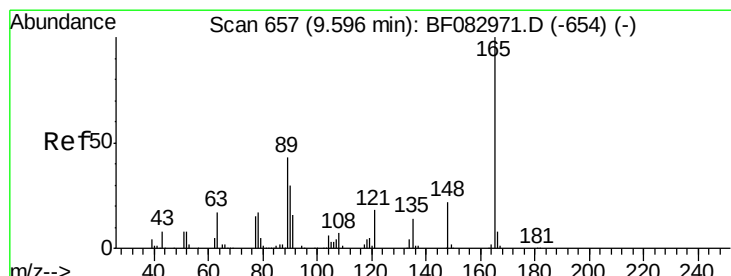
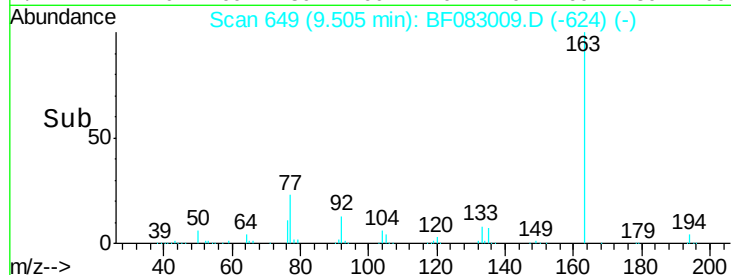
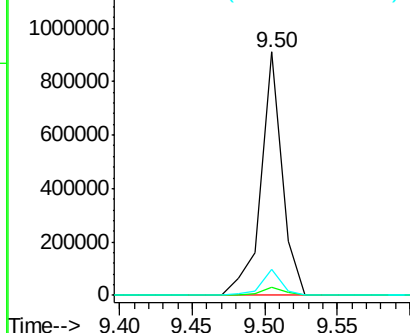
#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 919668
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.9 8.7 13.1

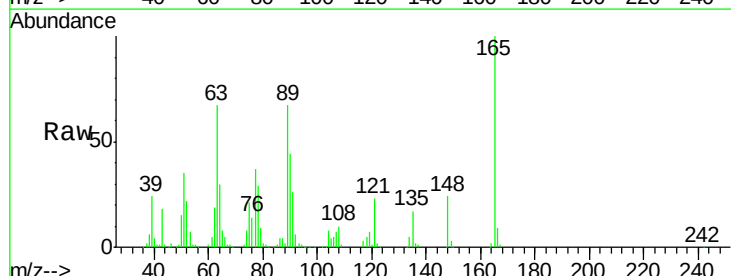


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

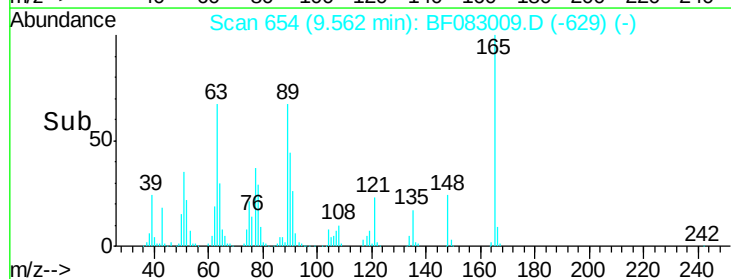
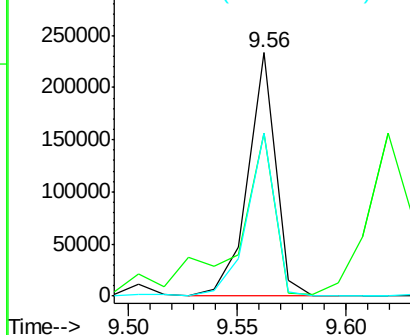


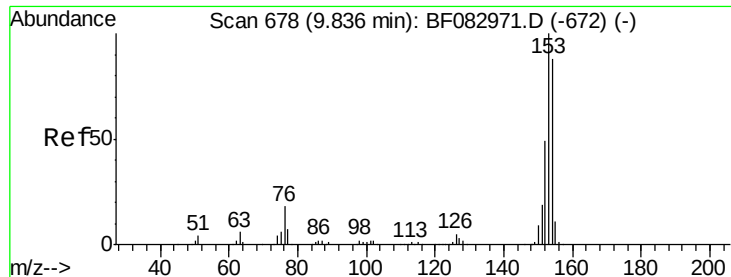
#50
2,6-Dinitrotoluene
Concen: 41.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:165 Resp: 207312
Ion Ratio Lower Upper
165 100
63 66.9 55.5 83.3
89 67.0 55.0 82.6



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





#51

Acenaphthene

Concen: 44.34 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

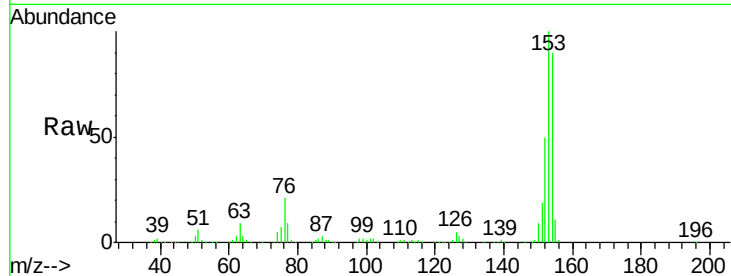
Tot Ion:154 Resp: 846656

Ion Ratio Lower Upper

154 100

153 110.6 90.1 135.1

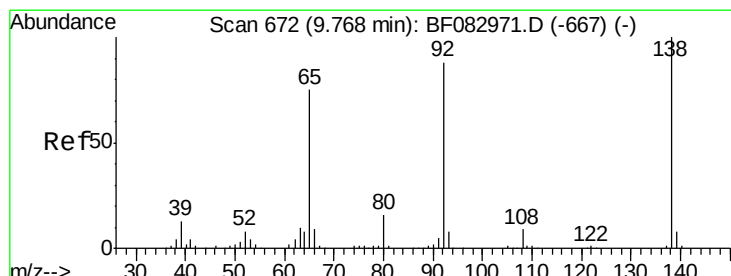
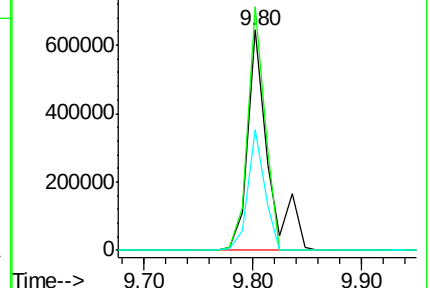
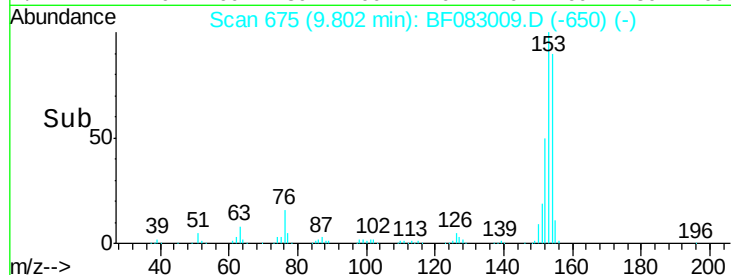
152 54.9 44.3 66.5



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: 7.05 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

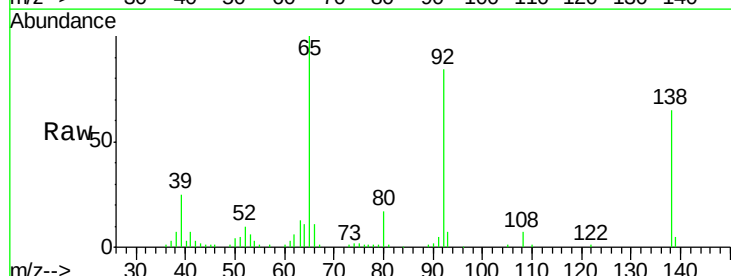
Tgt Ion:138 Resp: 38916

Ion Ratio Lower Upper

138 100

108 10.5 11.3 16.9#

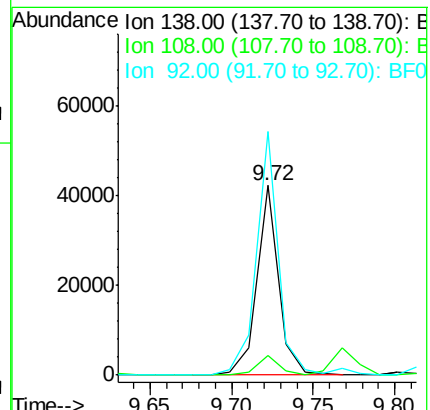
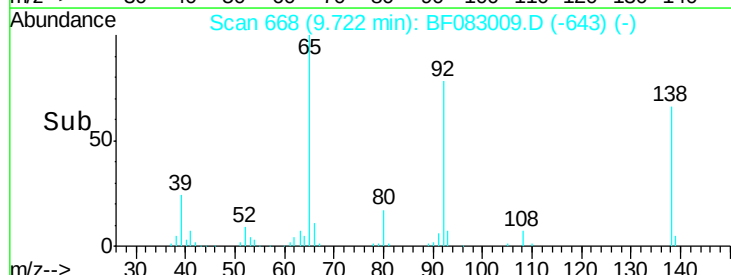
92 128.5 122.4 183.6

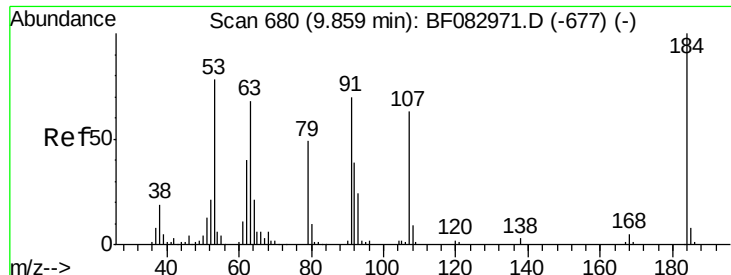


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

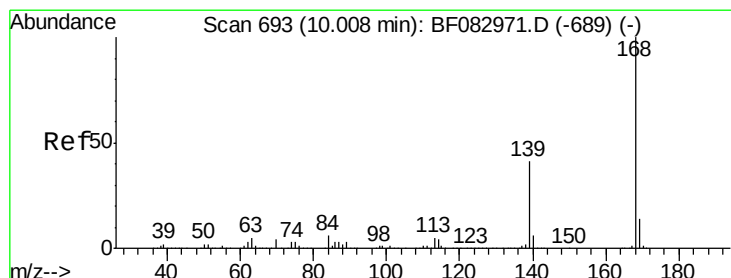
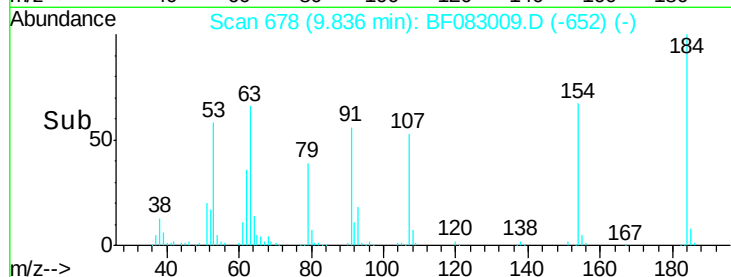
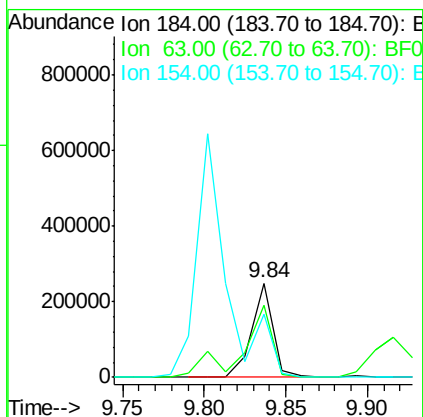
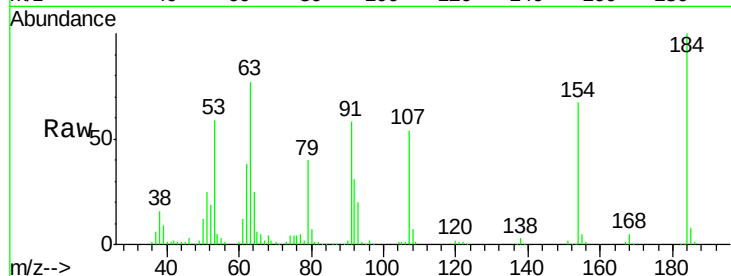




#53
 2,4-Dinitrophenol
 Concen: 83.26 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

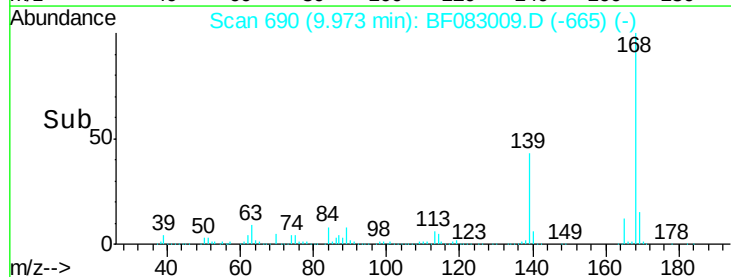
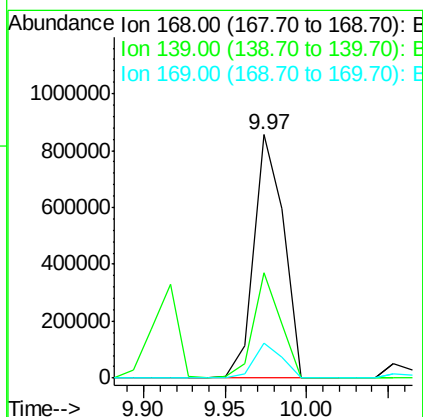
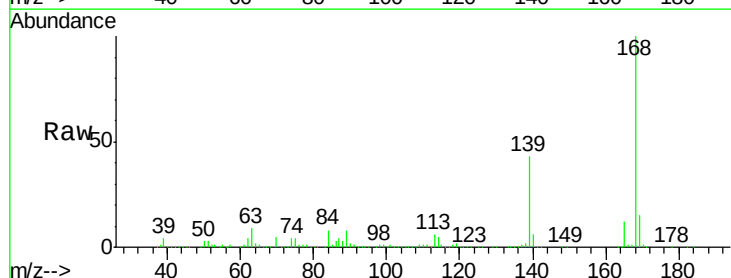
Instrument :
 BNA_F
 ClientSampleId :

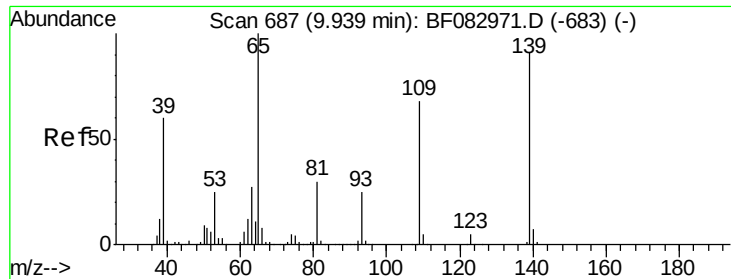
Tot Ion:184 Resp: 229510
 Ion Ratio Lower Upper
 184 100
 63 77.4 98.6 148.0#
 154 66.6 183.9 275.9#



#54
 Dibenzofuran
 Concen: 41.89 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:168 Resp: 1078263
 Ion Ratio Lower Upper
 168 100
 139 43.3 37.8 56.6
 169 14.5 11.3 16.9

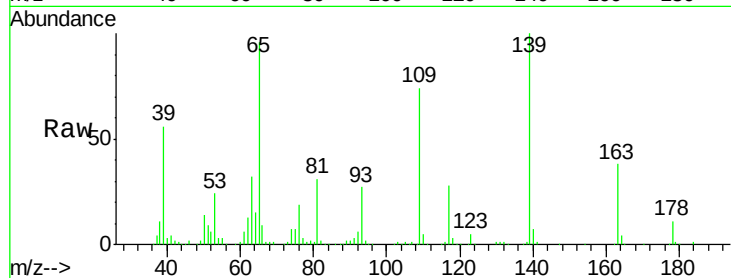




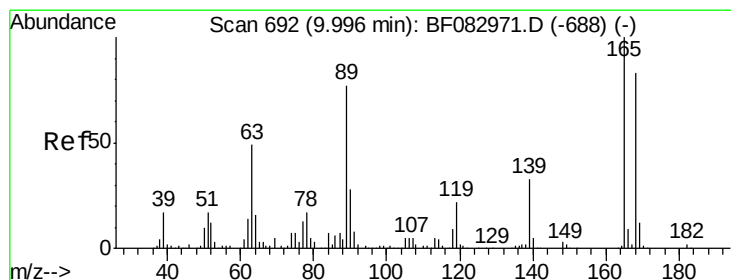
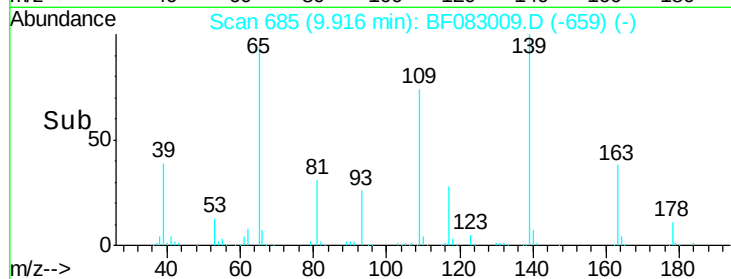
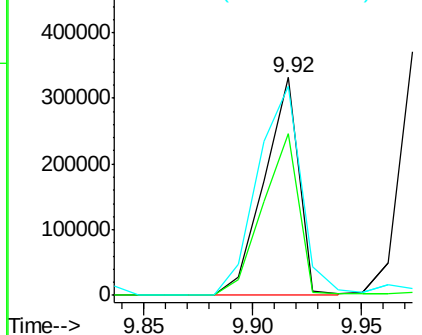
#55
4-Nitrophenol
Concen: 87.91 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 372368
Ion Ratio Lower Upper
139 100
109 74.0 73.7 113.7
65 96.0 82.9 122.9

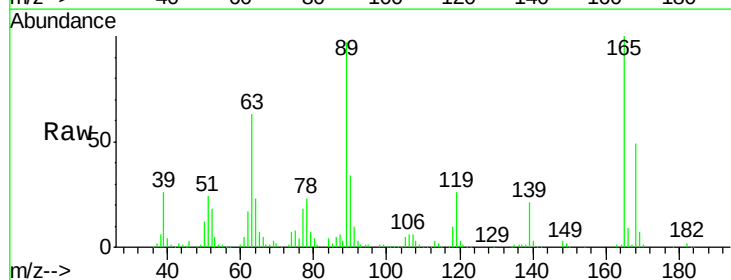


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

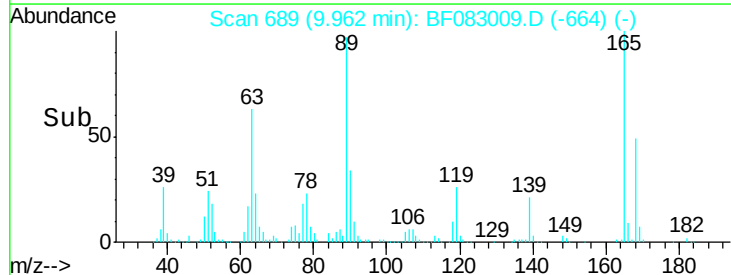
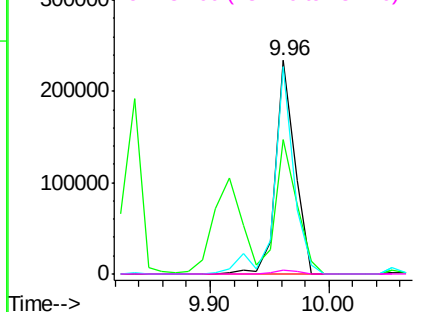


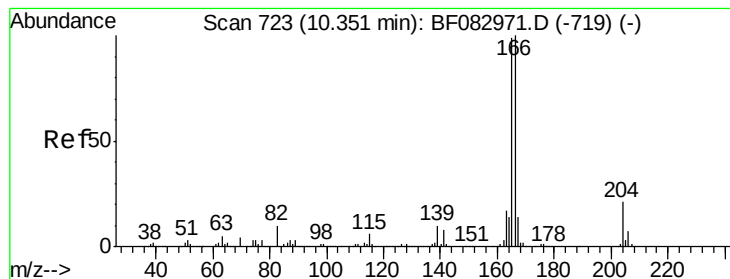
#56
2,4-Dinitrotoluene
Concen: 38.57 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:165 Resp: 262697
Ion Ratio Lower Upper
165 100
63 63.0 43.4 65.0
89 97.1 70.6 106.0
182 2.0 1.5 2.3



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: 38.21 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

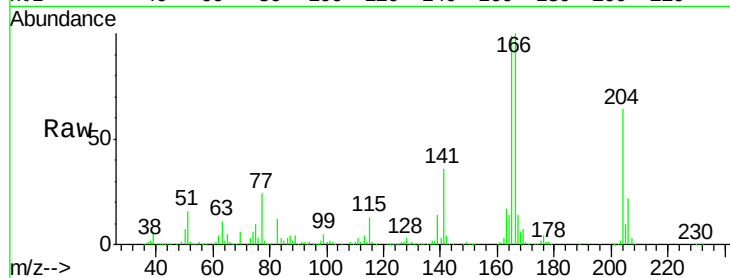
Tot Ion:166 Resp: 796474

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

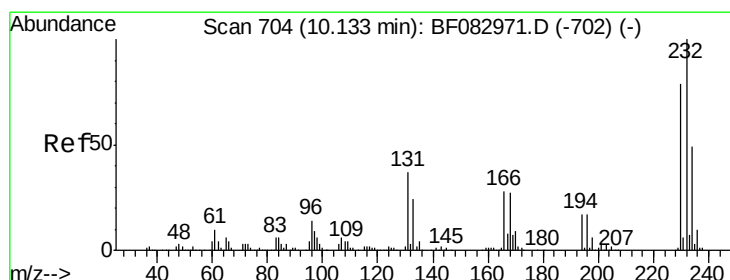
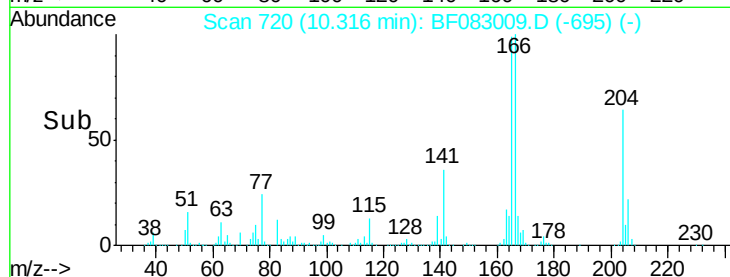
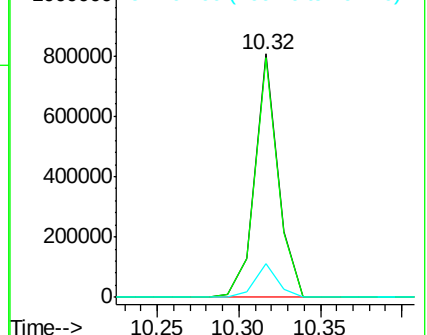
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.15 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:232 Resp: 234000

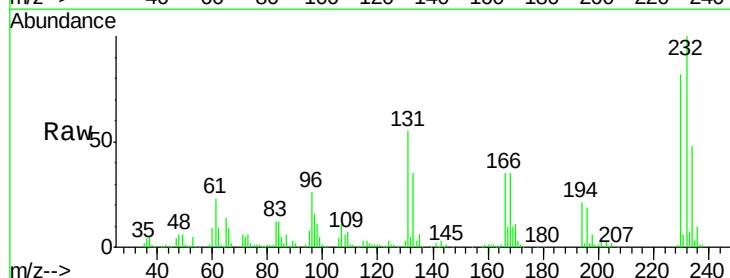
Ion Ratio Lower Upper

232 100

131 49.7 46.2 69.2

130 2.4 2.4 3.6#

166 32.0 28.2 42.2

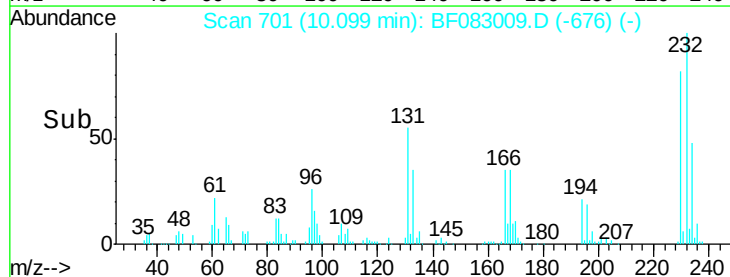
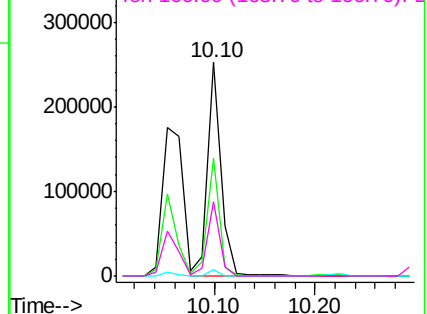


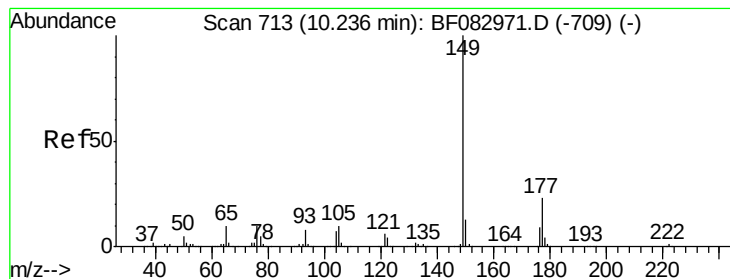
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.10 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

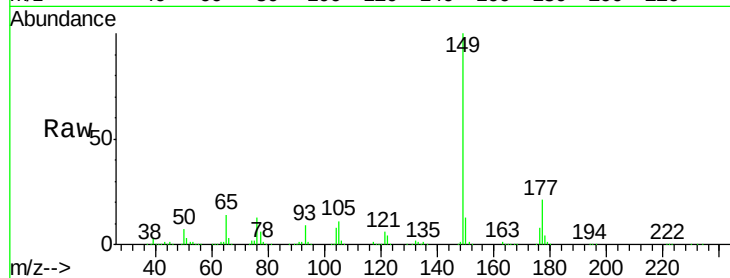
Tot Ion:149 Resp: 944291

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

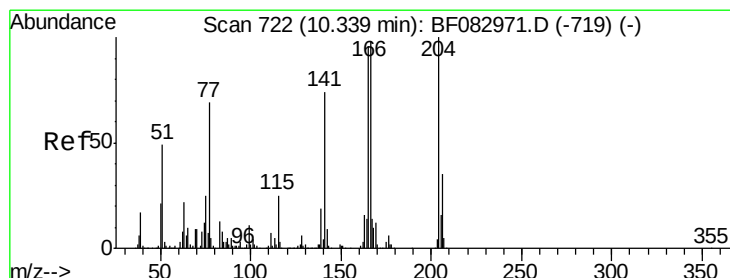
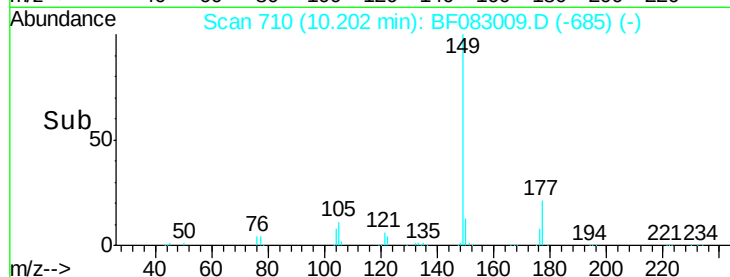
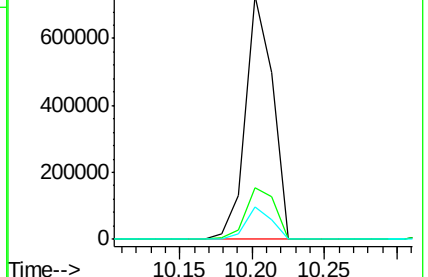
150 13.1 10.1 15.1



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: 43.71 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

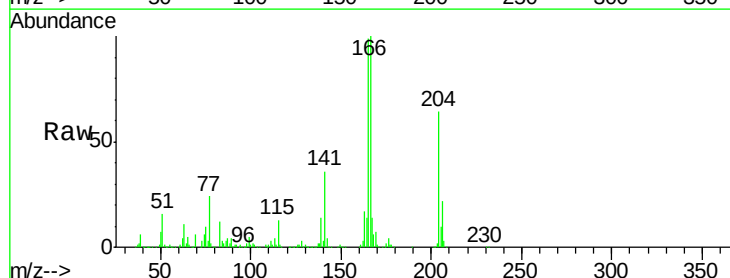
Tgt Ion:204 Resp: 455903

Ion Ratio Lower Upper

204 100

206 34.9 28.5 42.7

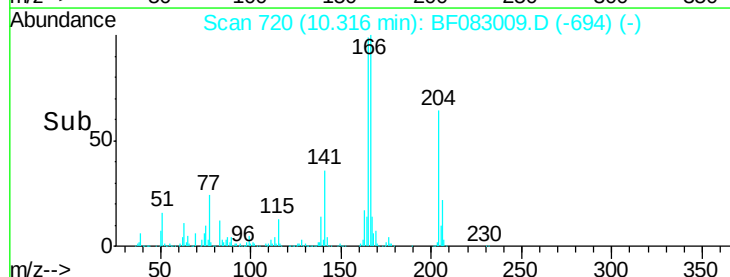
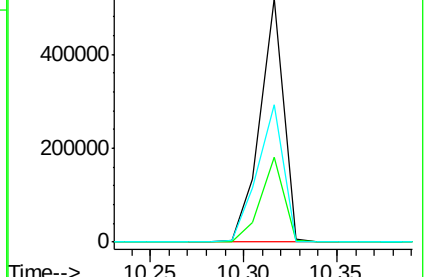
141 56.4 44.6 66.8

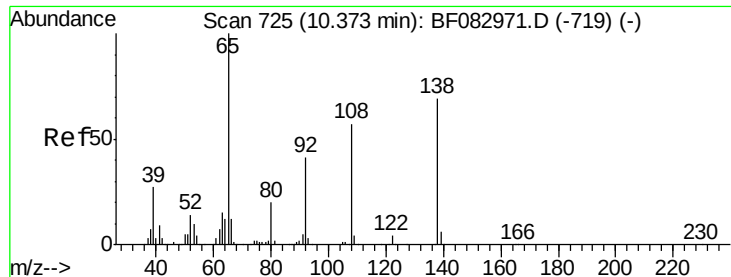


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.51 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

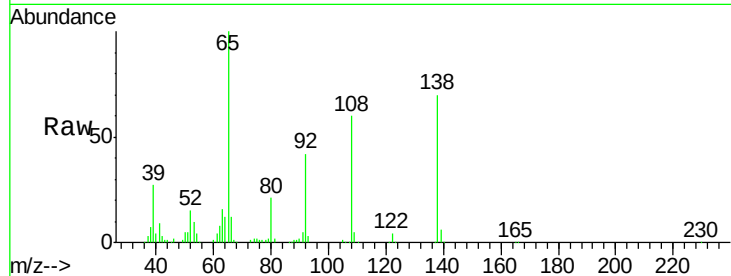
Tot Ion:138 Resp: 191609

Ion Ratio Lower Upper

138 100

92 59.7 45.8 85.8

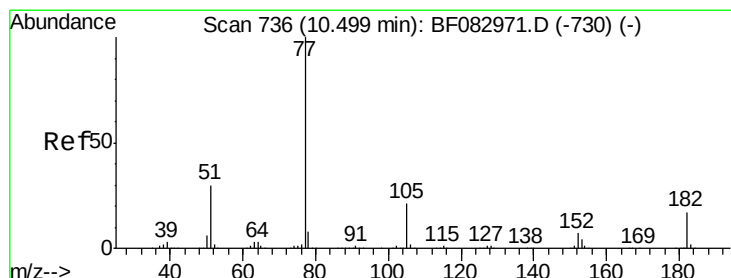
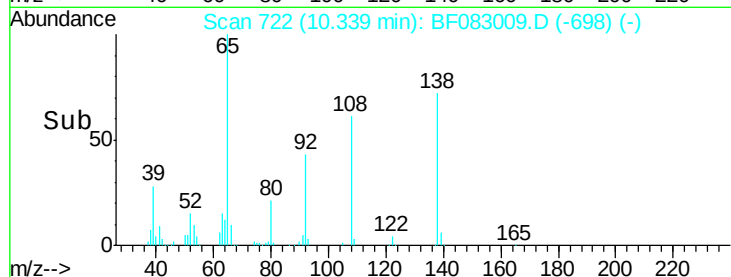
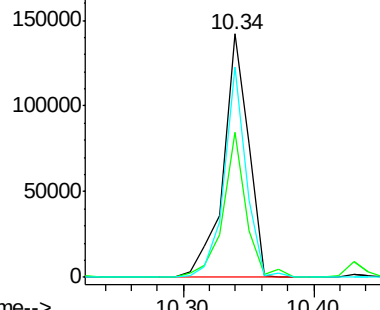
108 86.3 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.62 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion: 77 Resp: 1199813

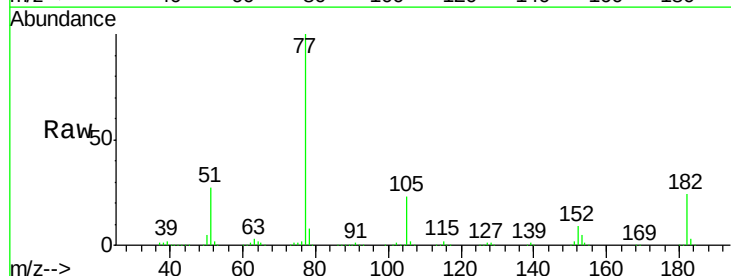
Ion Ratio Lower Upper

77 100

182 24.4 9.3 49.3

105 22.9 2.6 42.6

51 27.3 9.9 49.9

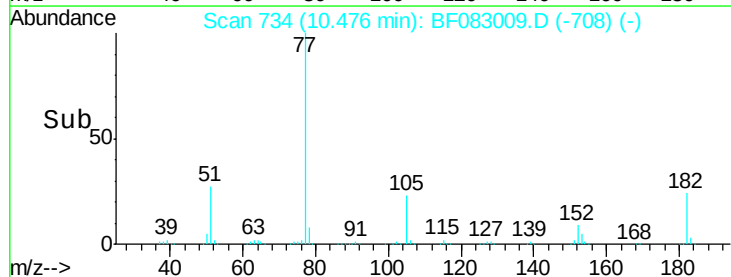
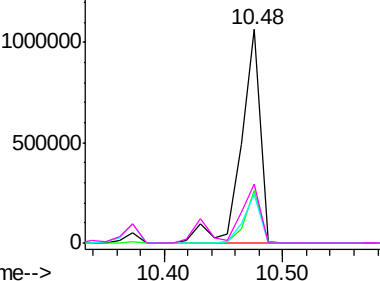


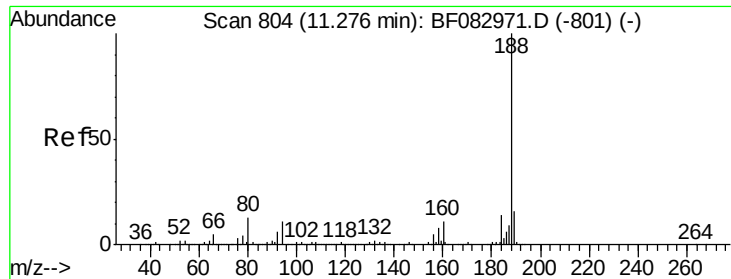
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

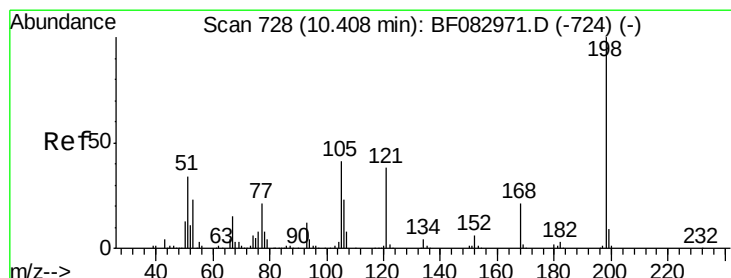
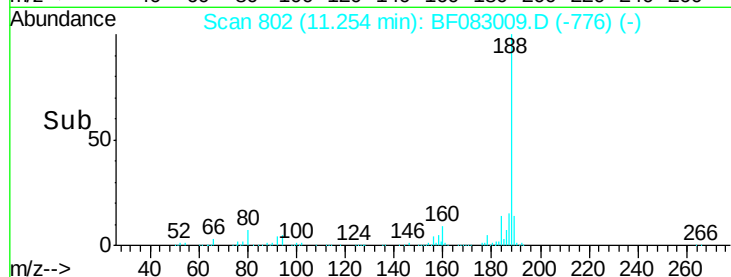
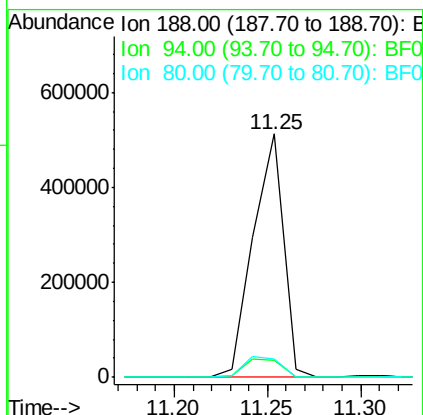
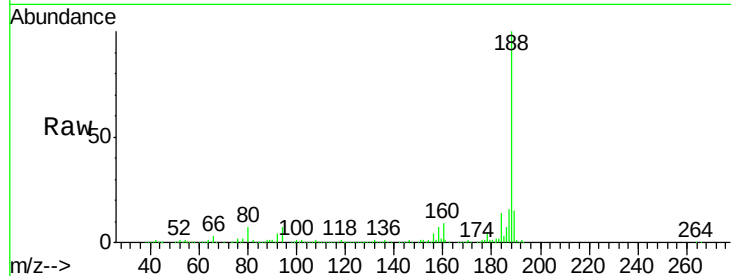




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

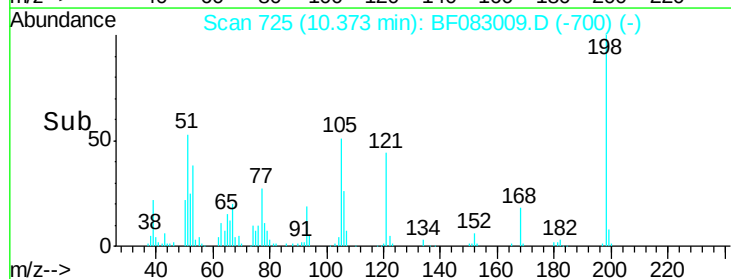
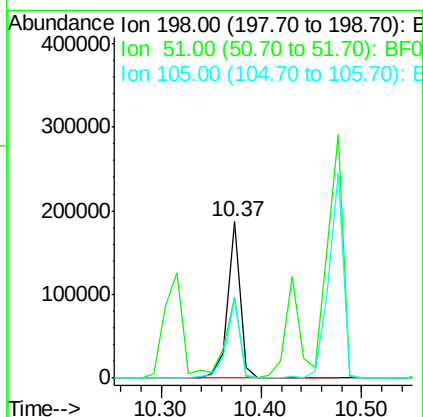
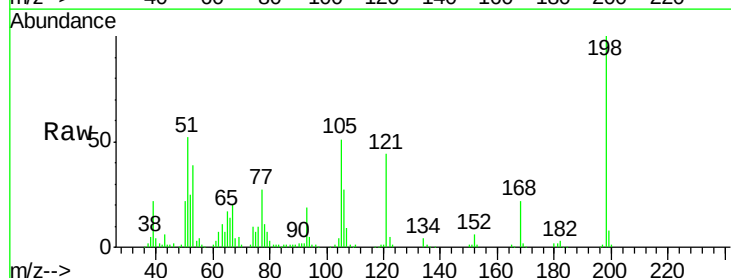
Instrument :
BNA_F
ClientSampleId :

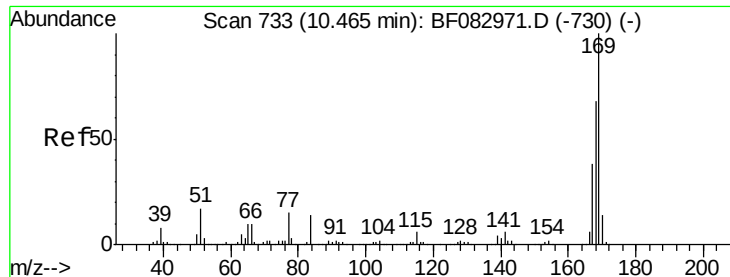
Tot Ion:188 Resp: 577366
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 7.4 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:198 Resp: 163016
Ion Ratio Lower Upper
198 100
51 52.3 17.3 57.3
105 50.6 21.7 61.7

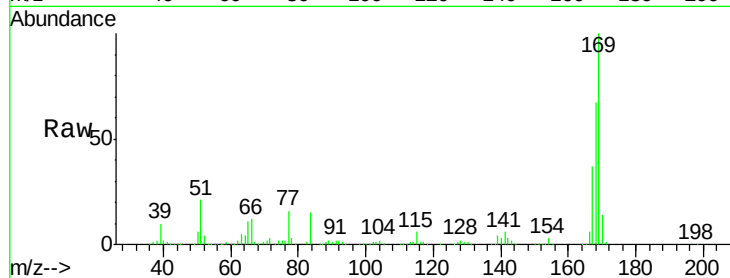




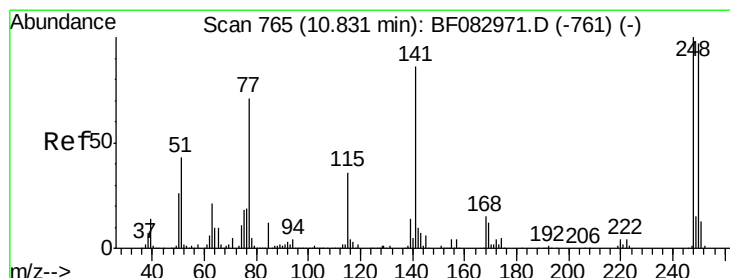
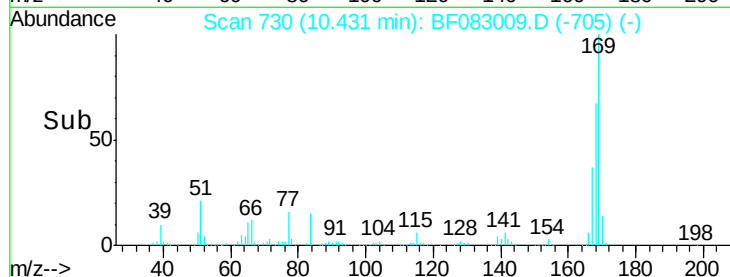
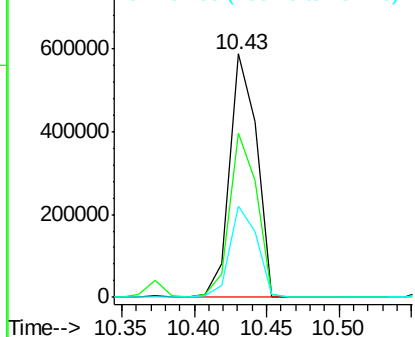
#65
 n-Nitrosodiphenylamine
 Concen: 36.32 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 757488
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.6
 167 37.4 30.5 45.7

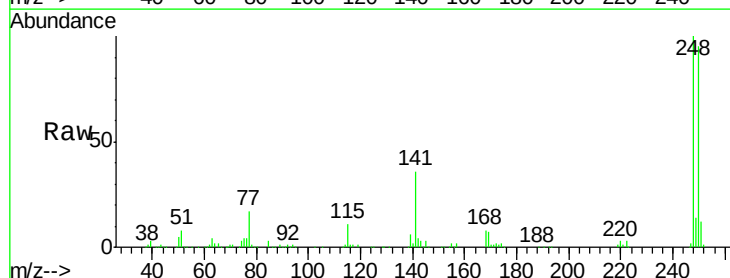


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

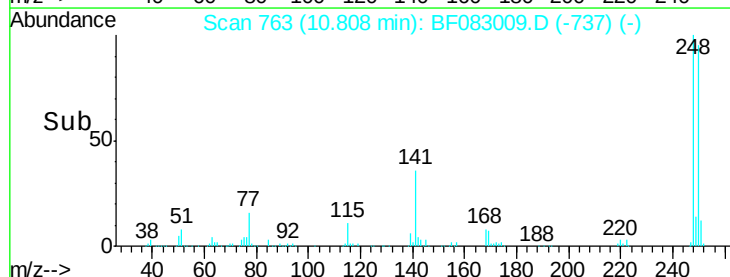
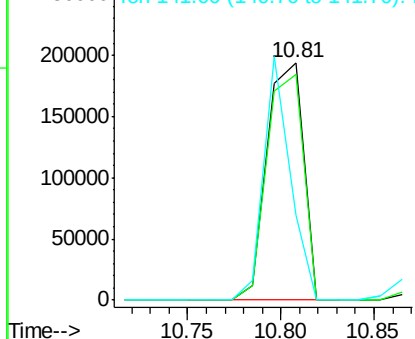


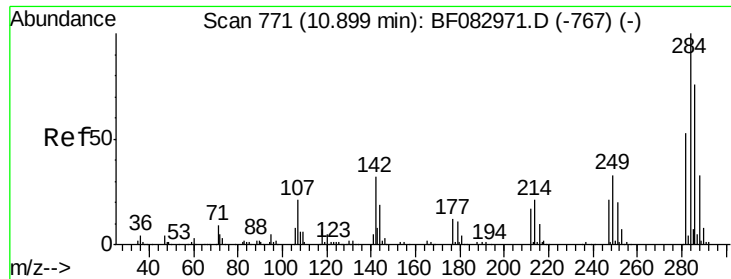
#66
 4-Bromophenyl-phenylether
 Concen: 37.93 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:248 Resp: 263666
 Ion Ratio Lower Upper
 248 100
 250 95.1 79.4 119.2
 141 36.0 36.3 54.5#



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: 35.41 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

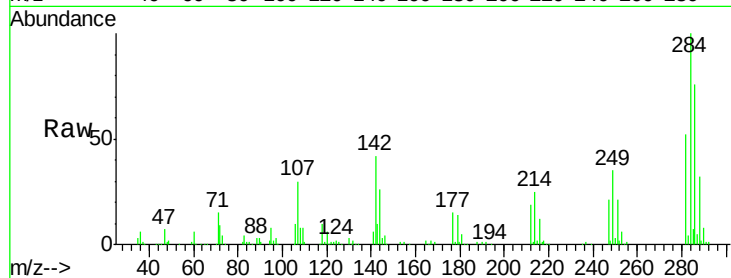
Tot Ion:284 Resp: 274856

Ion Ratio Lower Upper

284 100

142 42.0 47.9 71.9#

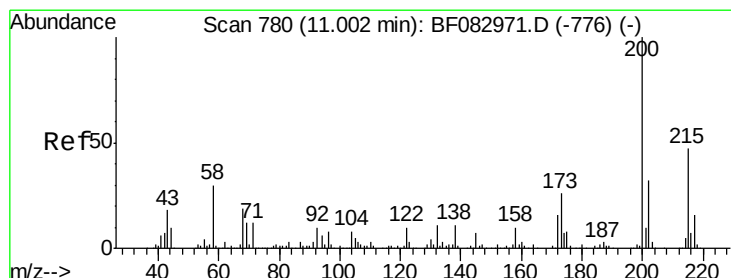
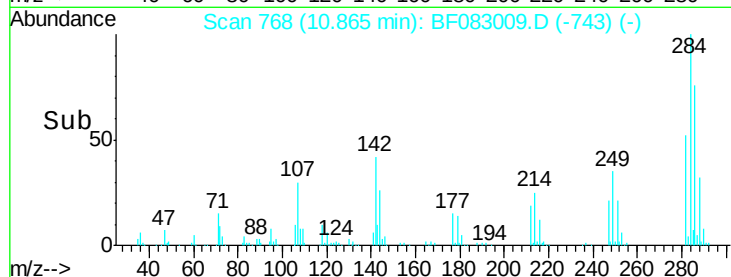
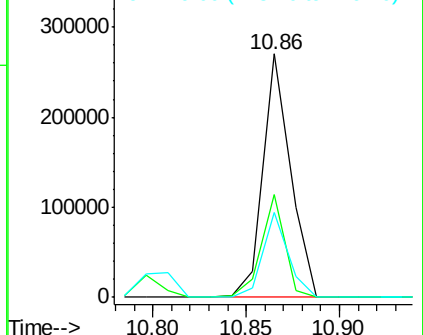
249 34.7 29.7 44.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.98 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

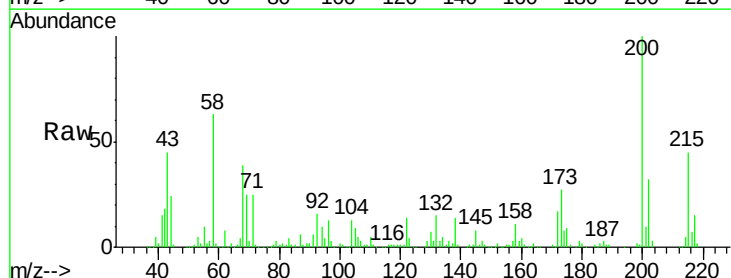
Tgt Ion:200 Resp: 257871

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

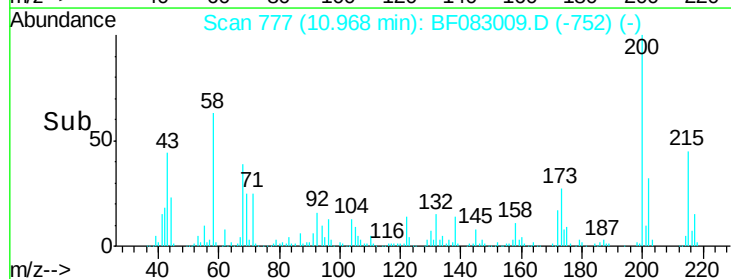
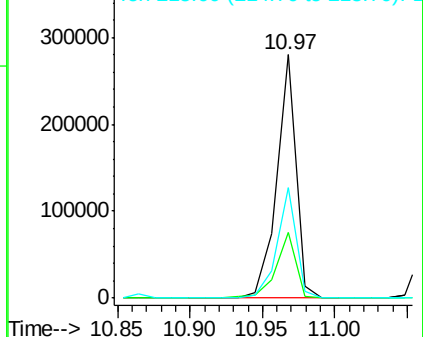
215 45.3 22.9 62.9

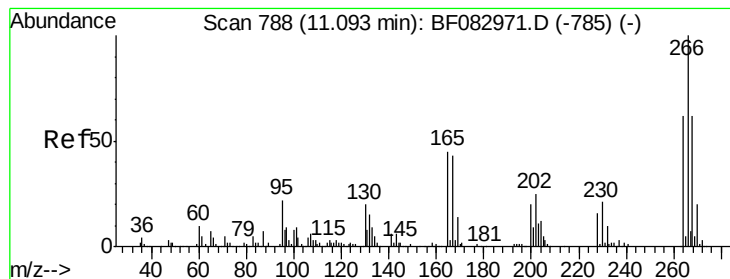


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 69.67 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

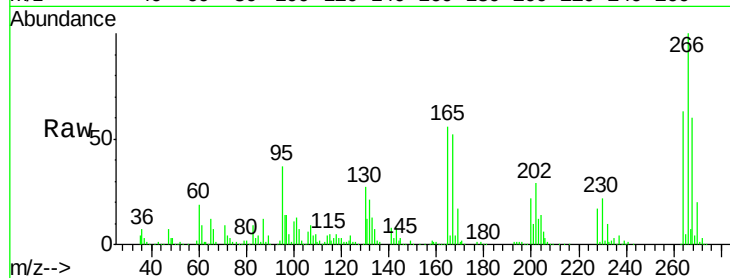
Tot Ion:266 Resp: 328437

Ion Ratio Lower Upper

266 100

268 60.3 51.0 76.6

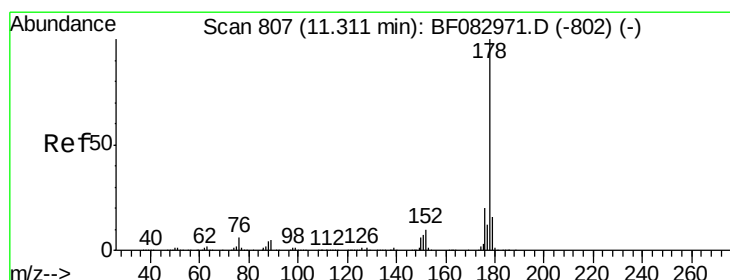
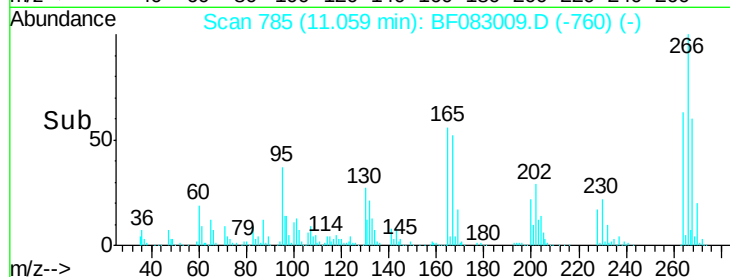
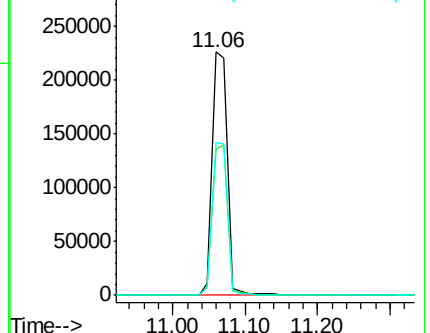
264 62.9 50.6 75.8



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: 41.50 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

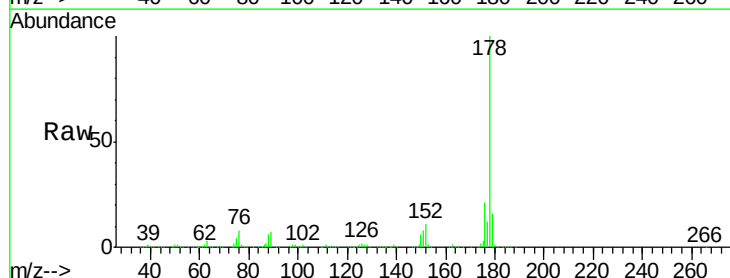
Tgt Ion:178 Resp: 1391562

Ion Ratio Lower Upper

178 100

176 20.7 17.0 25.4

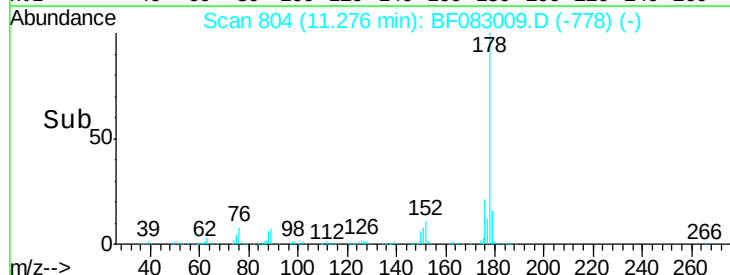
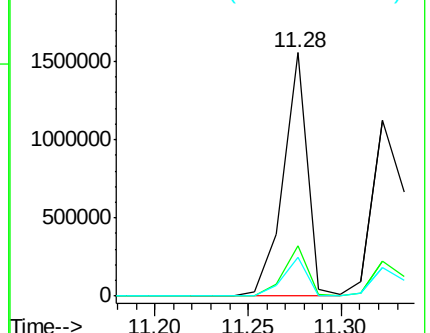
179 16.2 13.4 20.0

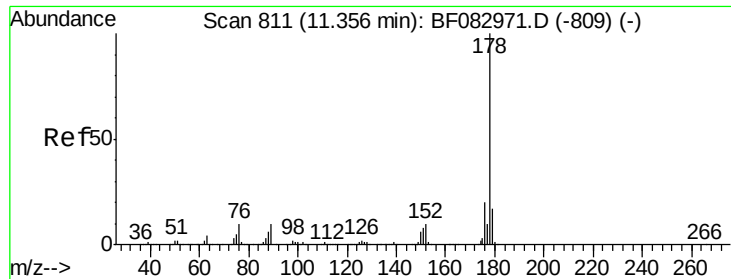


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

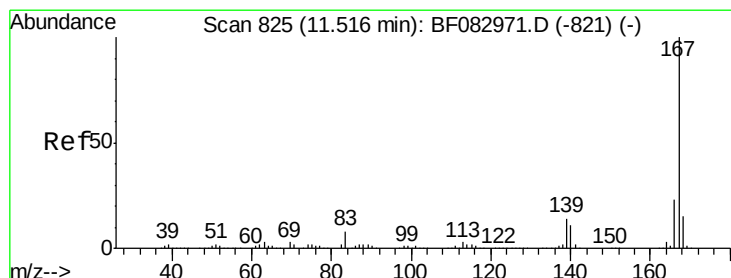
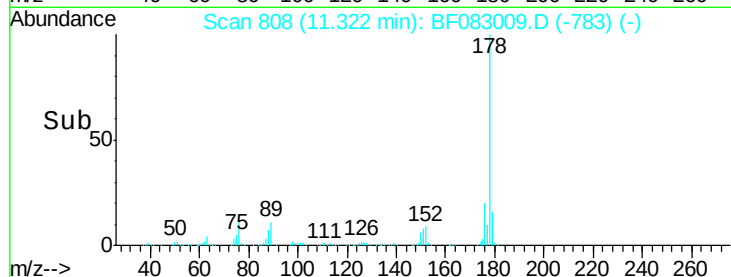
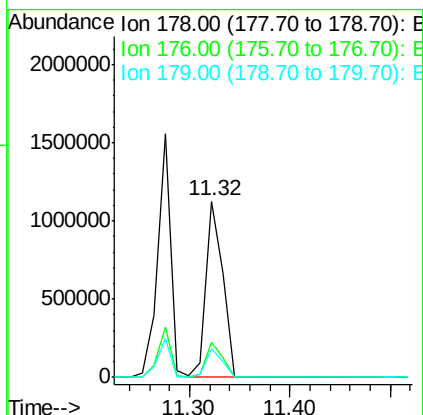
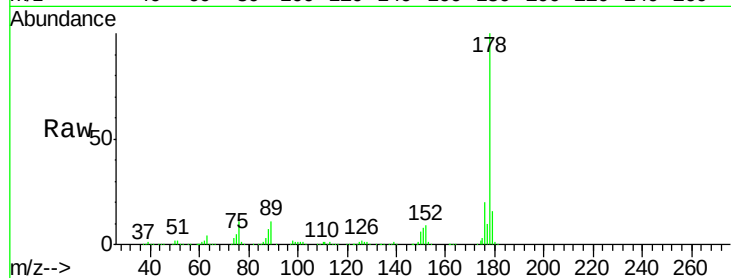




#71
 Anthracene
 Concen: 36.83 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

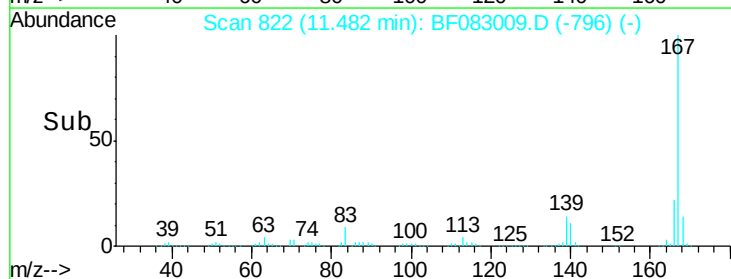
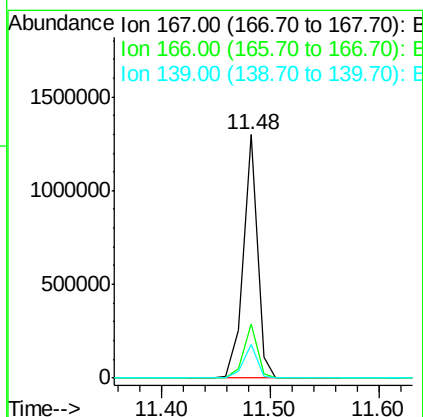
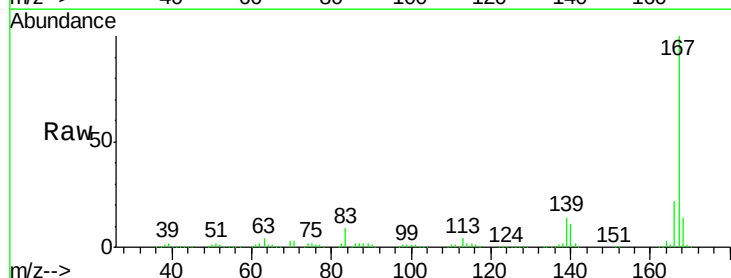
Instrument :
 BNA_F
 ClientSampleId :

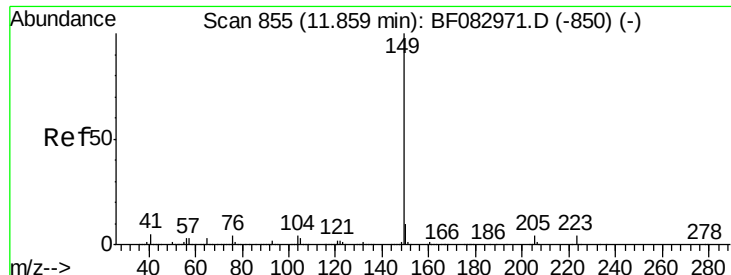
Tot Ion:178 Resp: 1300925
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 16.2 13.2 19.8



#72
 Carbazole
 Concen: 37.31 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:167 Resp: 1153583
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 14.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.76 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

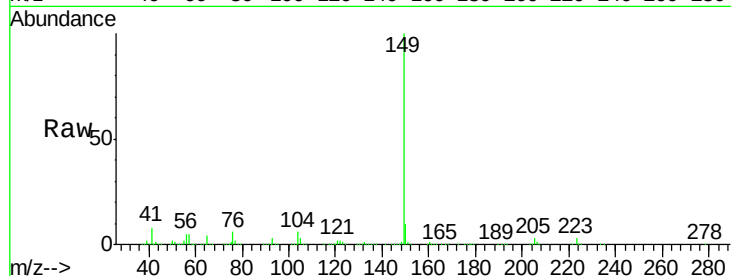
Tot Ion:149 Resp: 1531560

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

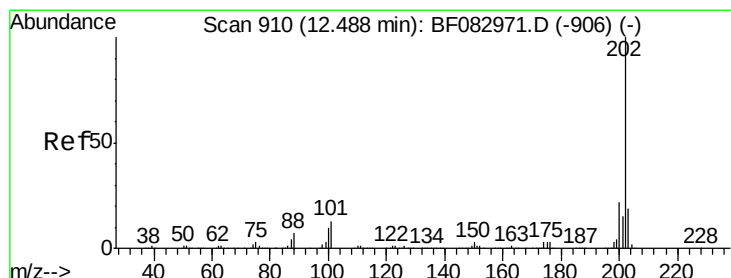
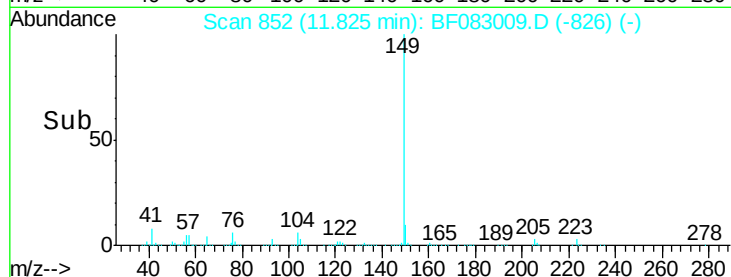
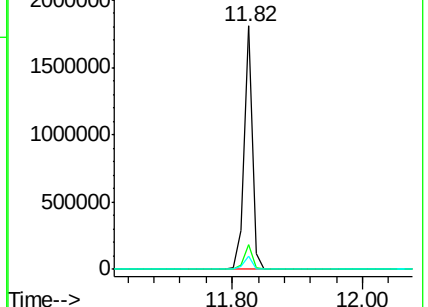
104 5.6 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.53 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

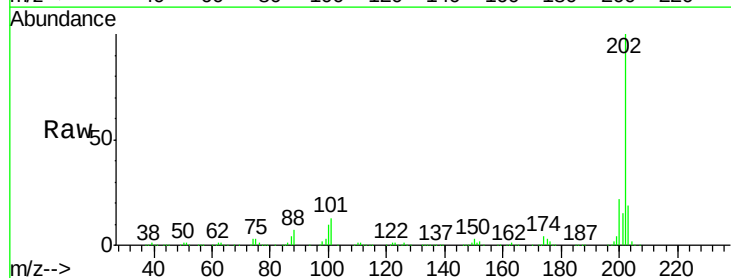
Tgt Ion:202 Resp: 1314316

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.5

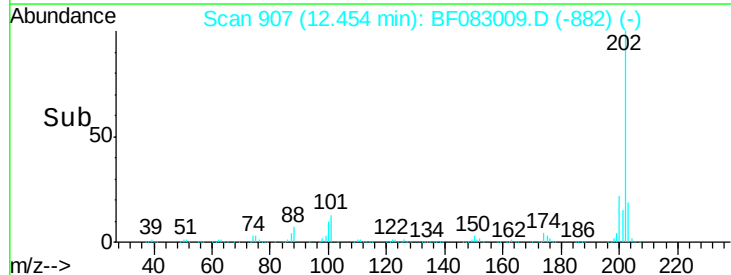
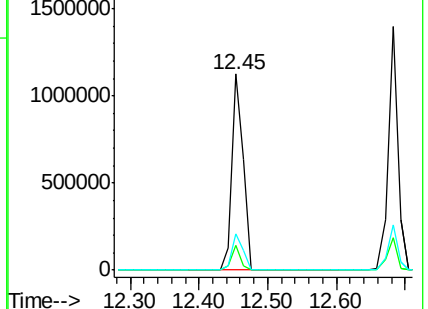
203 18.5 0.0 38.5

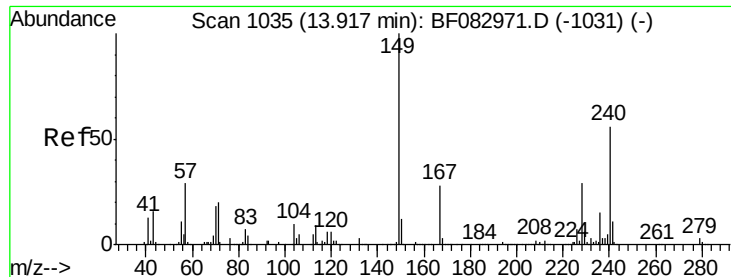


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

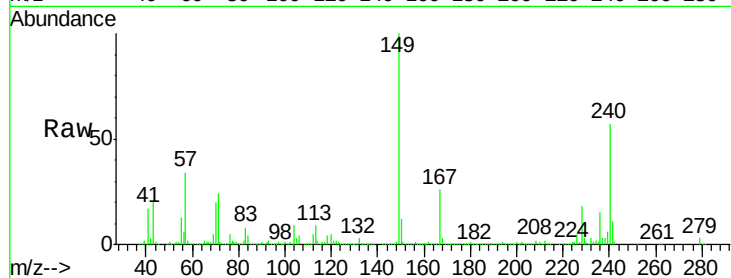
Tot Ion:240 Resp: 496385

Ion Ratio Lower Upper

240 100

120 8.3 10.9 16.3#

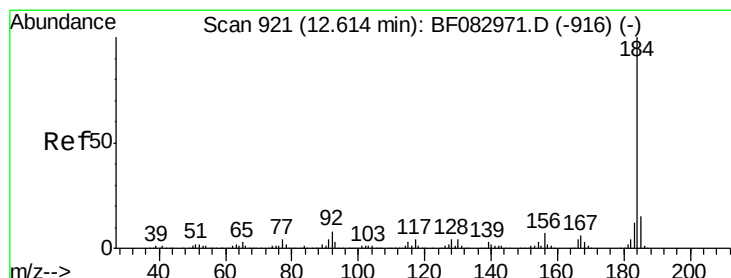
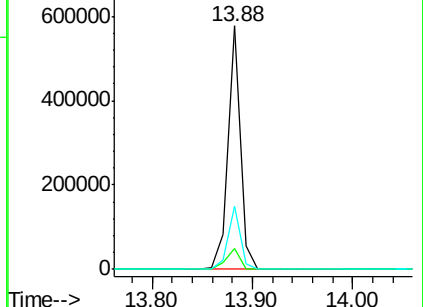
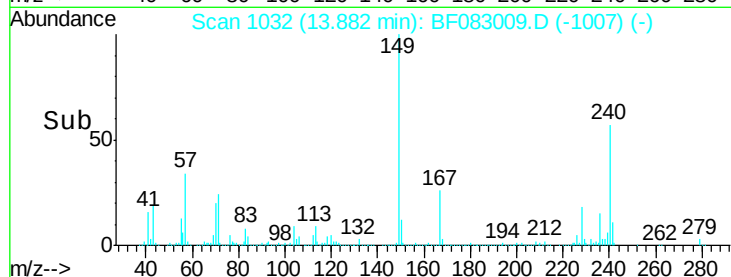
236 25.8 21.6 32.4



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: 33.61 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

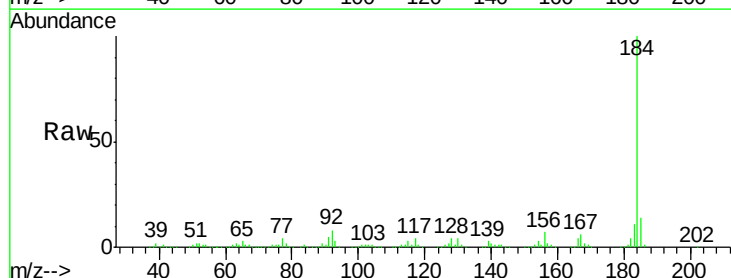
Tgt Ion:184 Resp: 559100

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

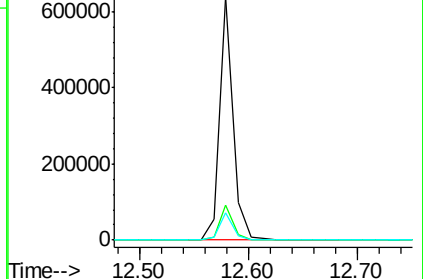
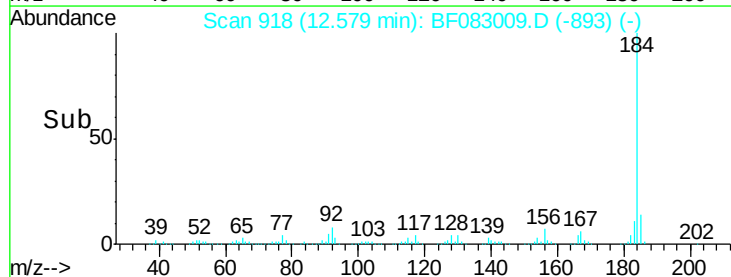
183 11.1 9.6 14.4

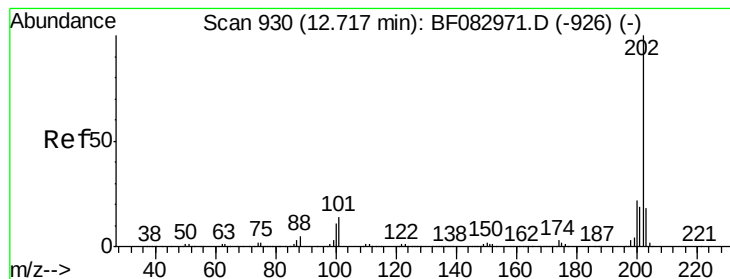


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.22 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

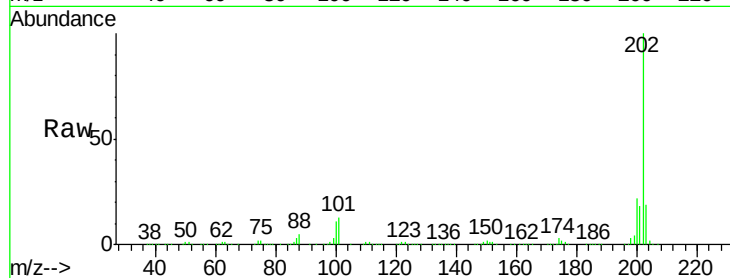
Tot Ion:202 Resp: 1371168

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

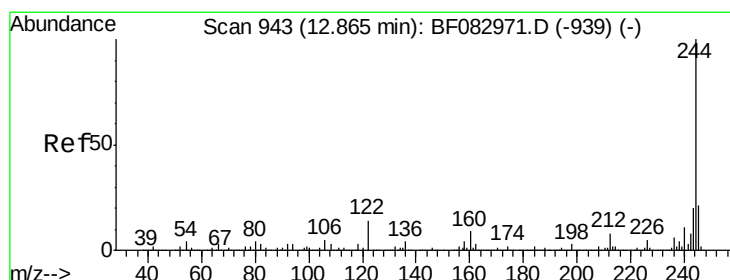
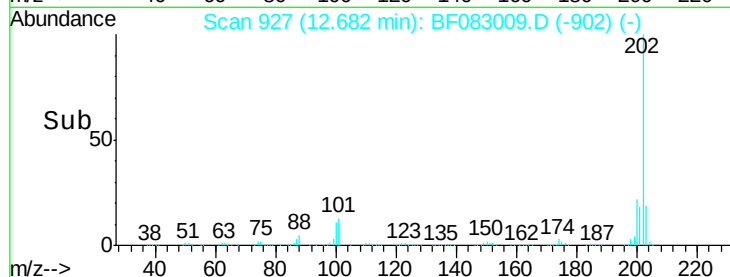
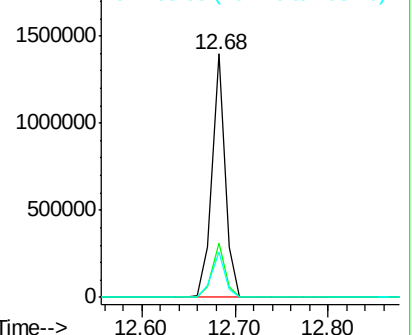
203 18.6 14.8 22.2



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: 87.67 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

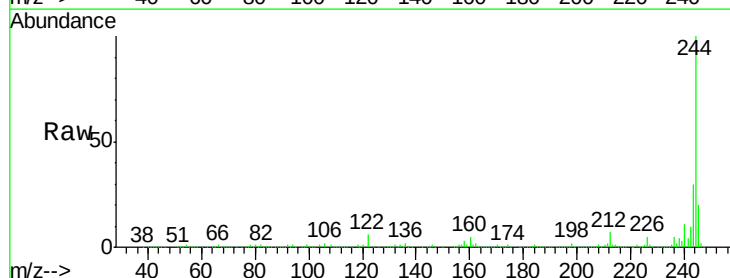
Tgt Ion:244 Resp: 1834721

Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

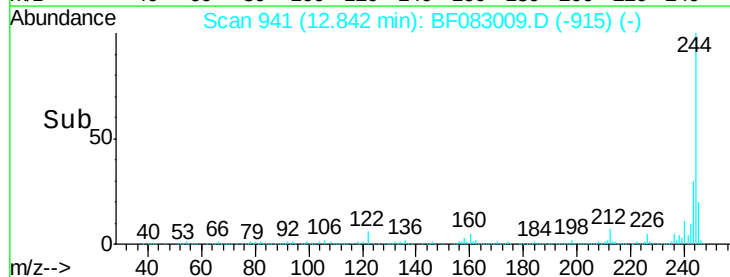
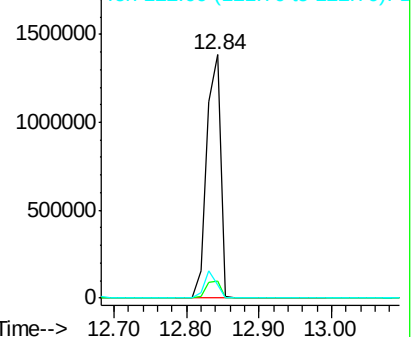
122 5.5 11.3 16.9#

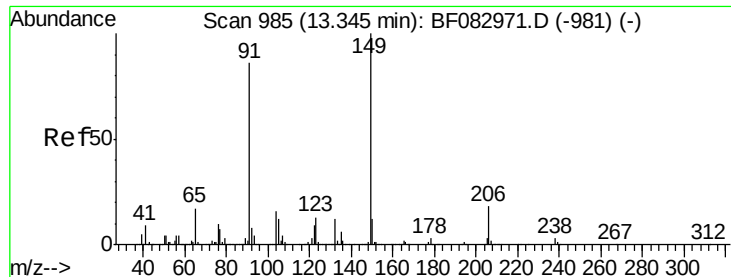


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

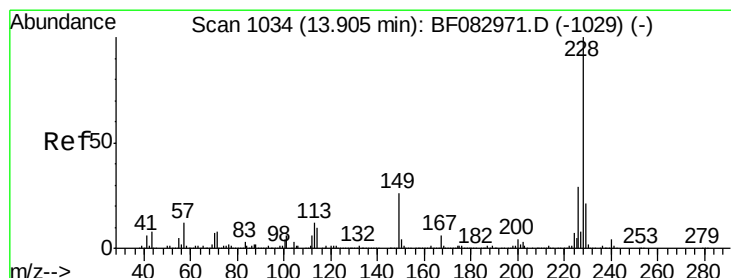
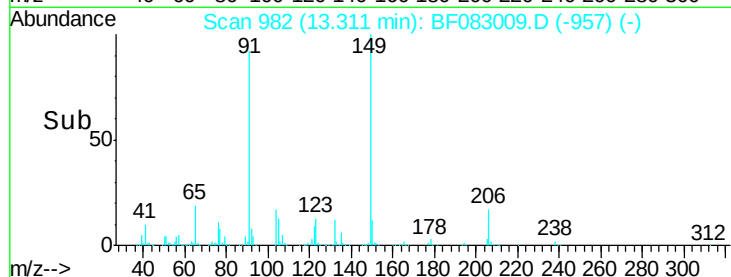
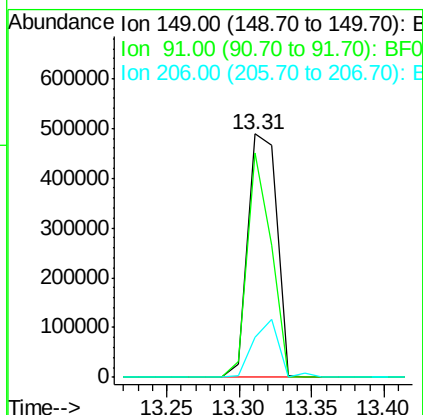
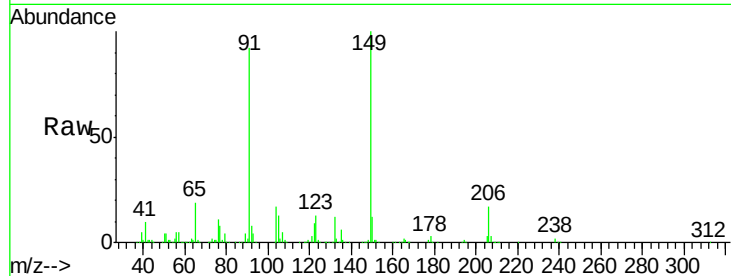




#79
Butylbenzylphthalate
Concen: 44.92 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

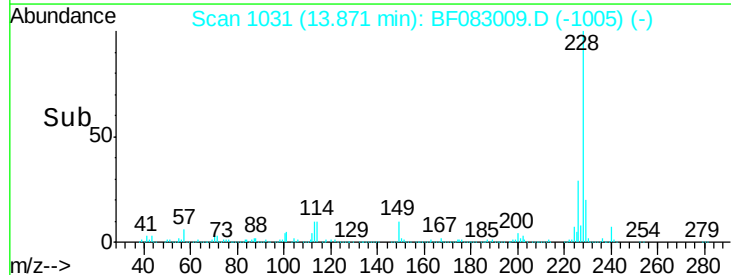
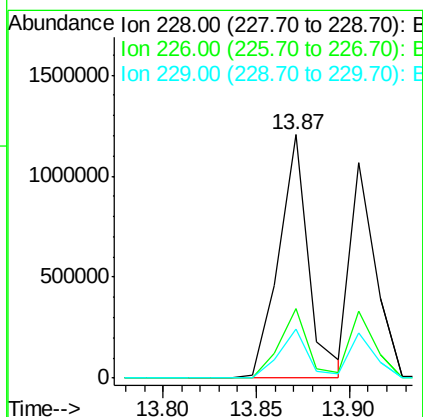
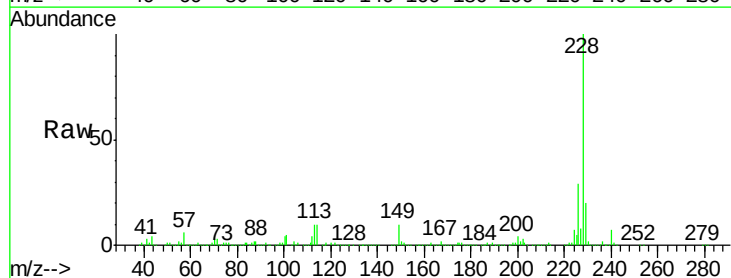
Instrument :
BNA_F
ClientSampleId :

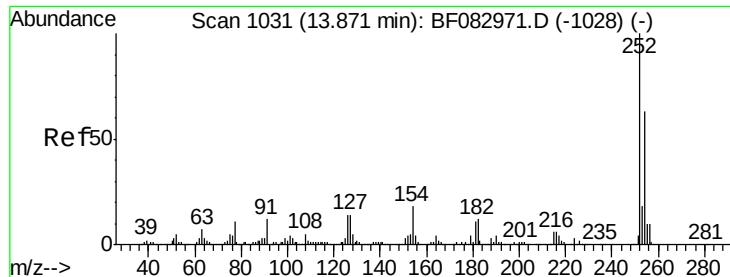
Tot Ion:149 Resp: 676466
Ion Ratio Lower Upper
149 100
91 92.0 67.7 101.5
206 16.7 14.6 22.0



#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:228 Resp: 1339500
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.1 16.3 24.5

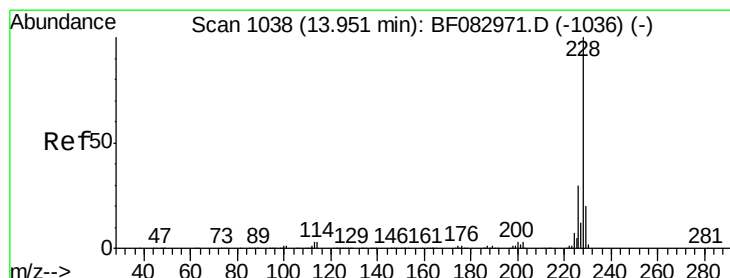
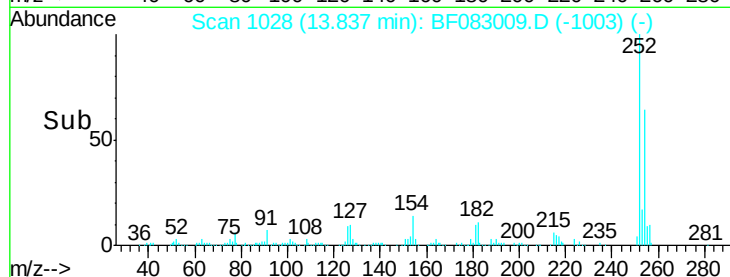
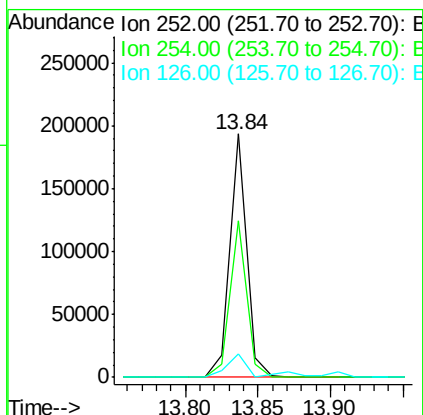
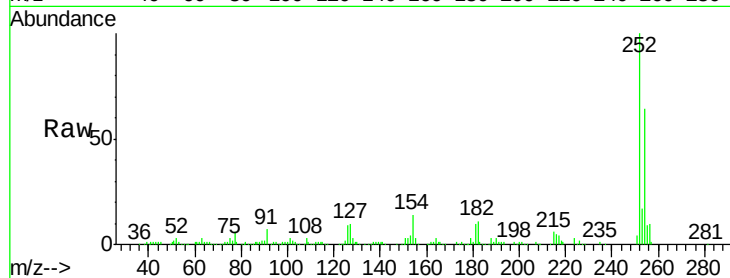




#81
 3,3'-Dichlorobenzidine
 Concen: 14.17 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

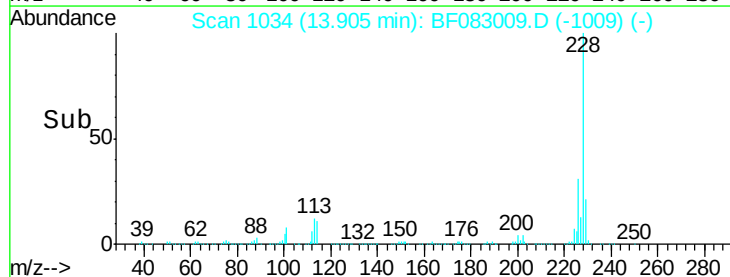
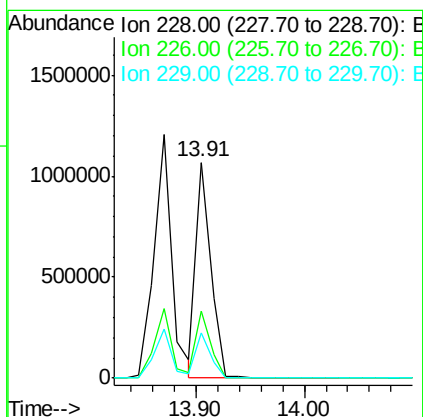
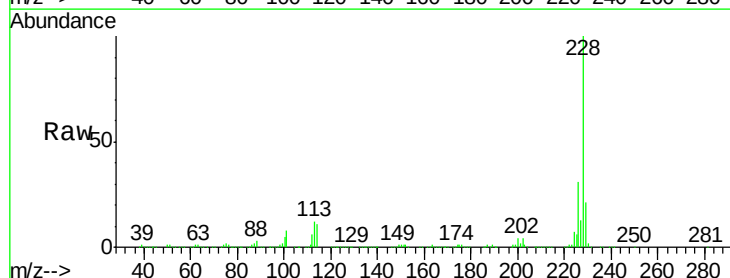
Instrument :
 BNA_F
 ClientSampleId :

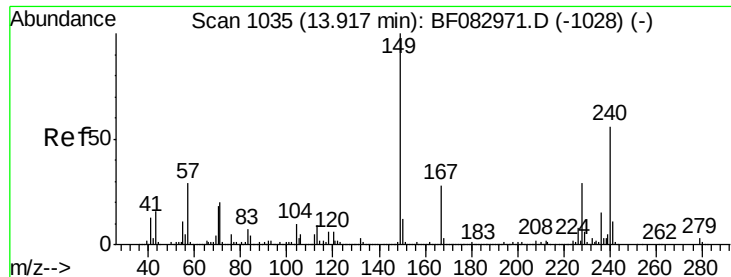
Tot Ion:252 Resp: 156357
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 9.4 10.7 16.1#



#82
 Chrysene
 Concen: 35.91 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:228 Resp: 1020895
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.5 38.3
 229 20.8 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.98 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

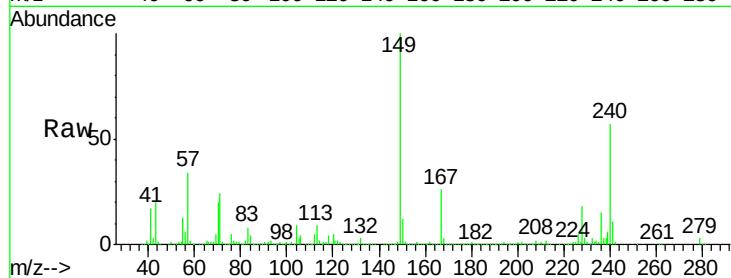
Tot Ion:149 Resp: 886027

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

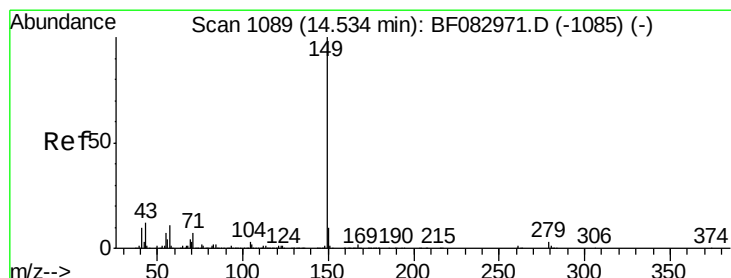
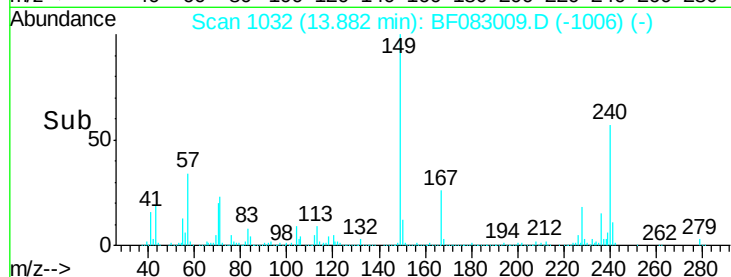
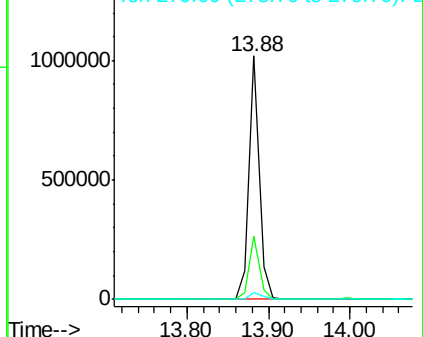
279 2.6 2.2 3.2



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: 44.53 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

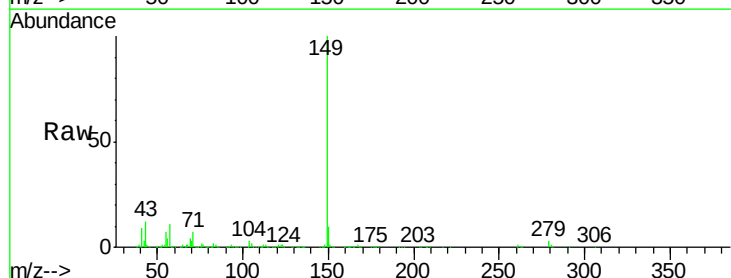
Tgt Ion:149 Resp: 1531120

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

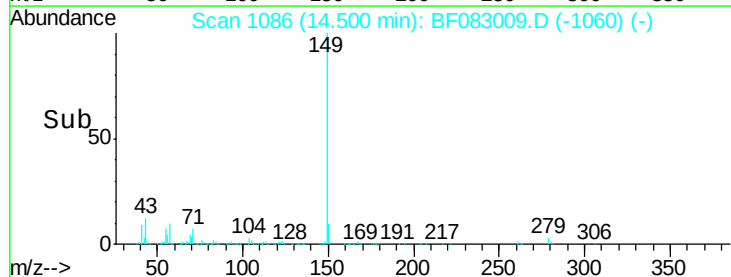
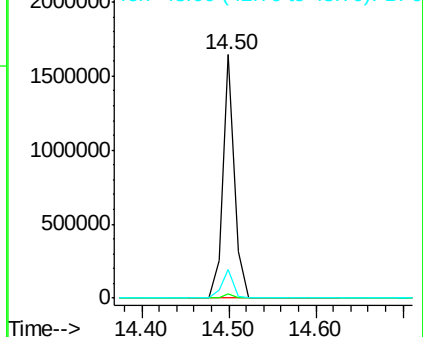
43 11.5 10.1 15.1

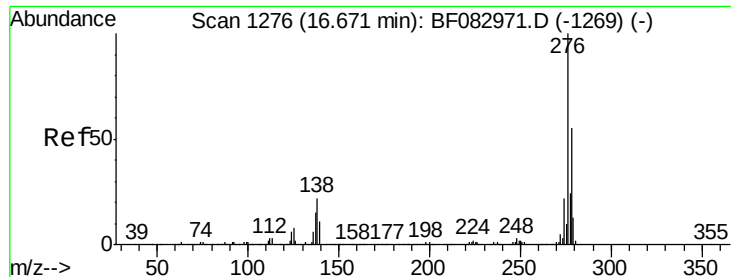


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.98 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

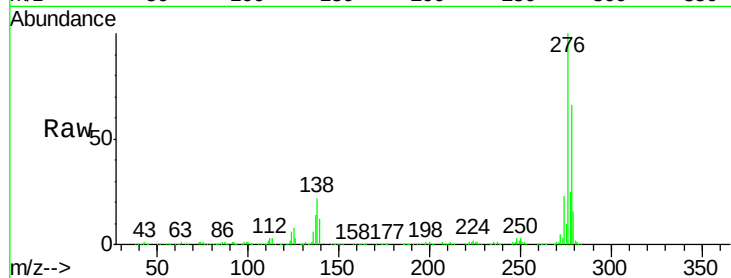
Tot Ion:276 Resp: 905519

Ion Ratio Lower Upper

276 100

138 22.5 15.3 22.9

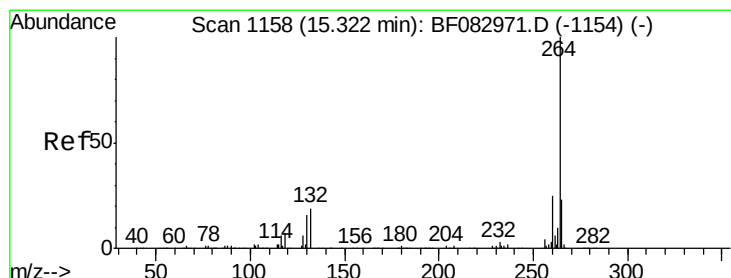
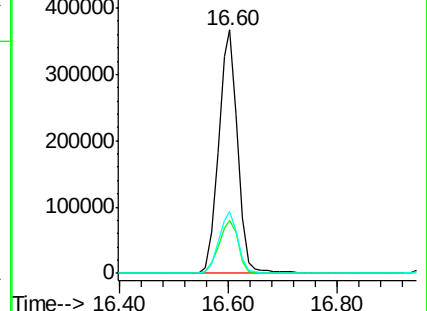
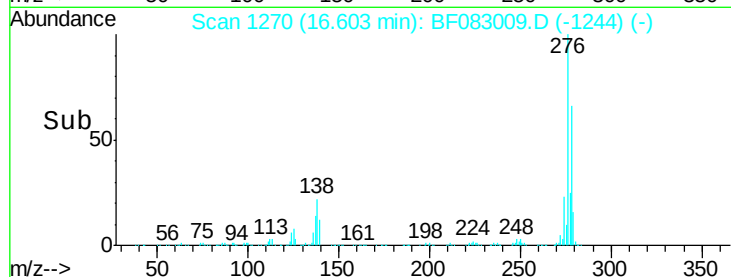
277 25.2 20.2 30.4



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: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

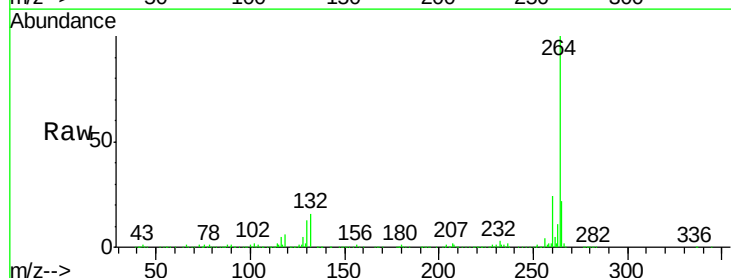
Tgt Ion:264 Resp: 387540

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

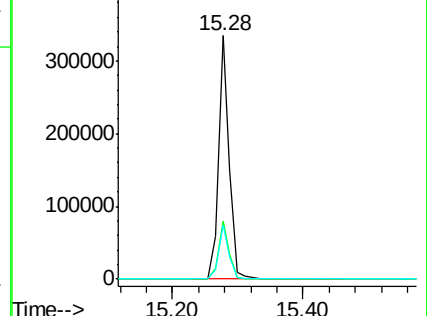
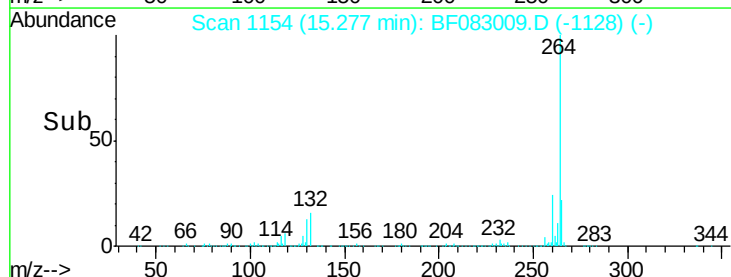
265 22.1 17.4 26.0

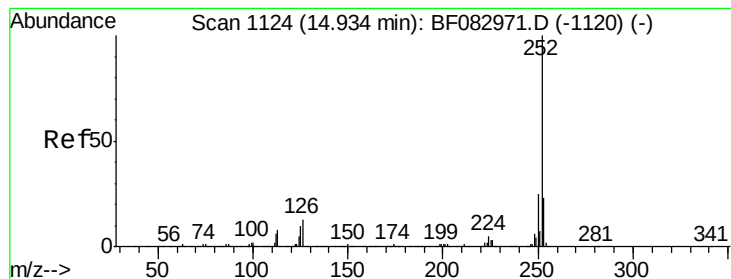


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 81.42 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.02 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

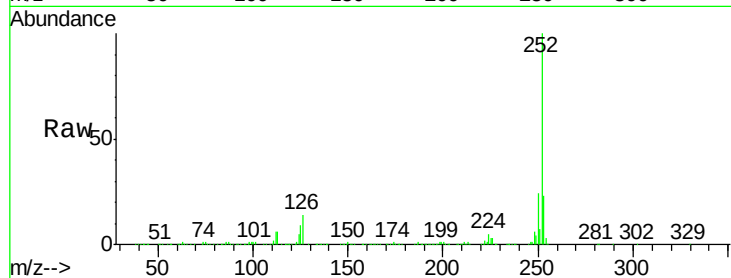
Tot Ion:252 Resp: 2025509

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

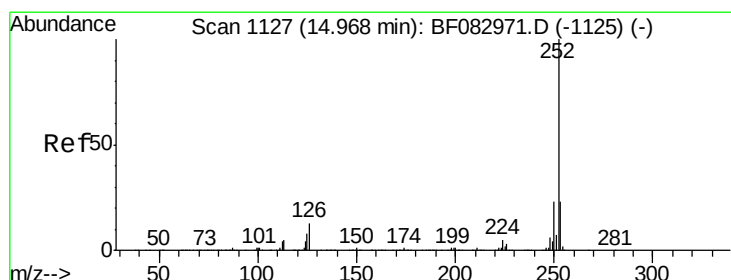
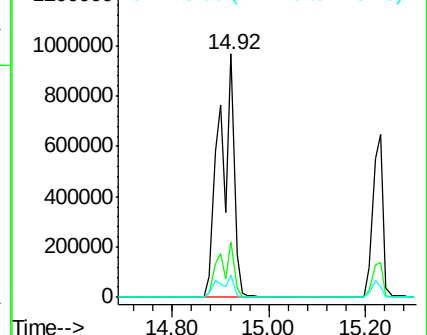
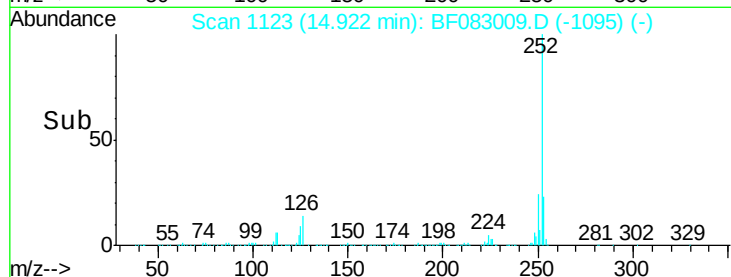
125 9.3 5.4 8.2#



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



#88

Benzo(k)fluoranthene

Concen: 91.82 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

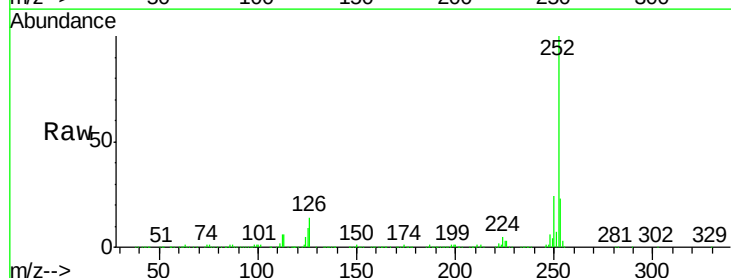
Tgt Ion:252 Resp: 2026226

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

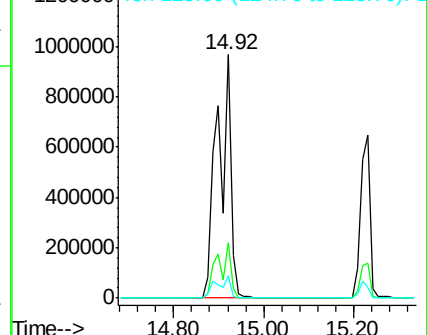
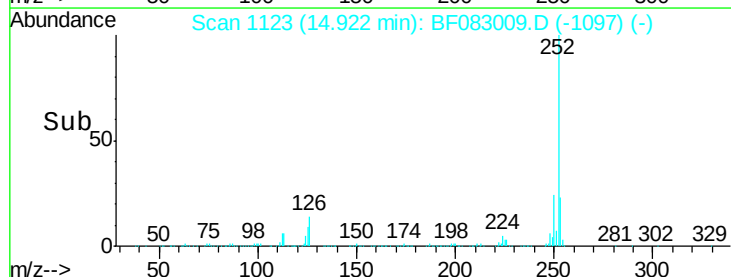
125 9.3 3.5 5.3#

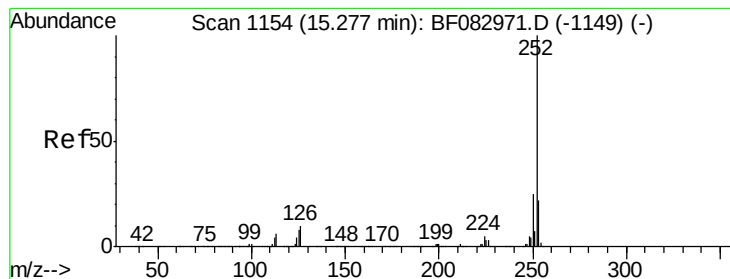


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.03 ng

RT: 15.23 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

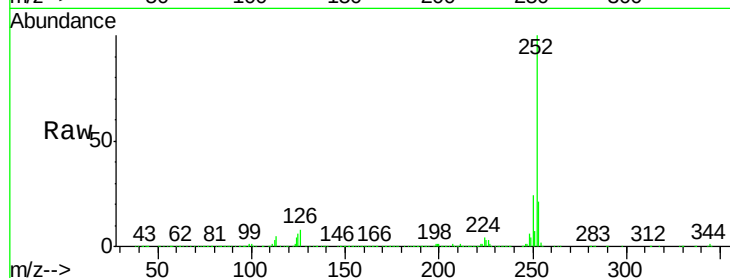
Tot Ion:252 Resp: 948929

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

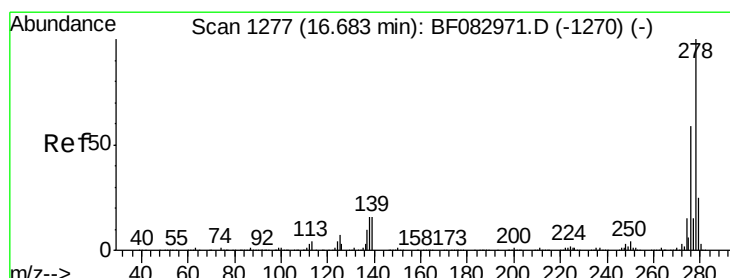
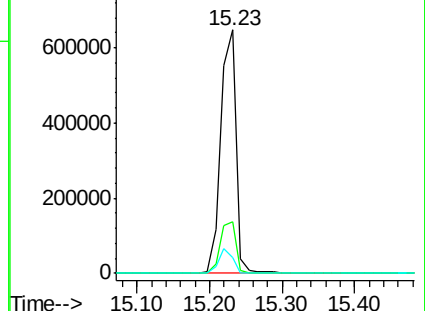
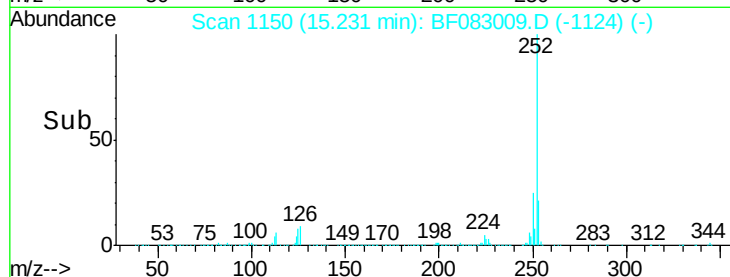
125 6.5 7.1 10.7#



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: 41.45 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

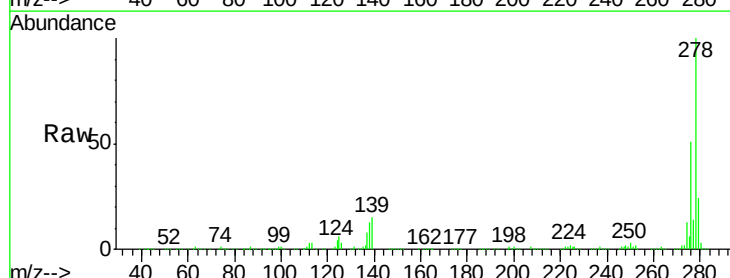
Tgt Ion:278 Resp: 756402

Ion Ratio Lower Upper

278 100

139 14.7 9.9 14.9

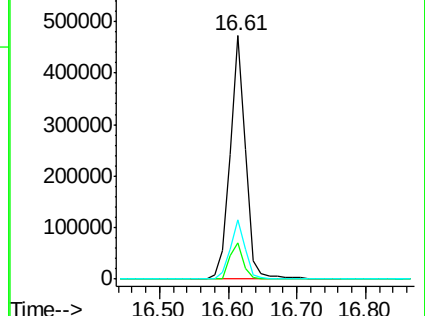
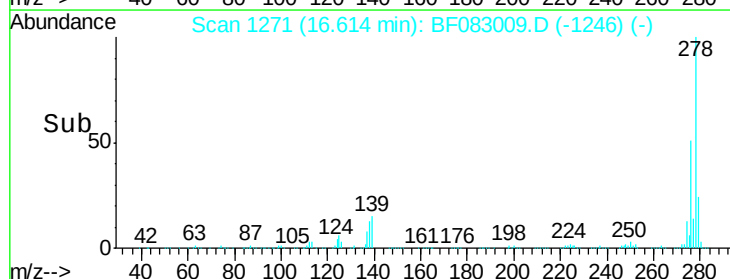
279 24.3 19.6 29.4

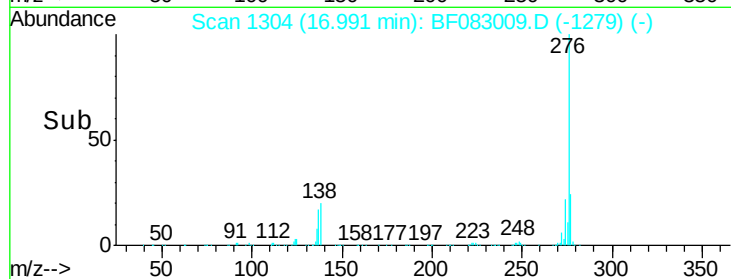
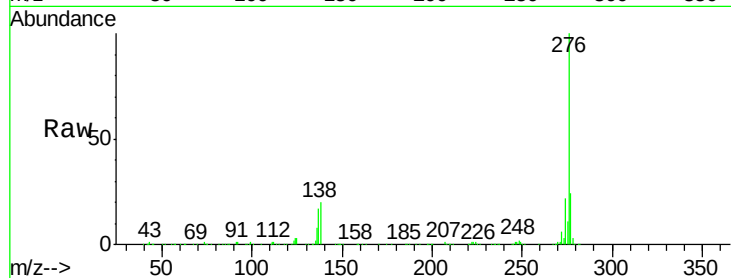
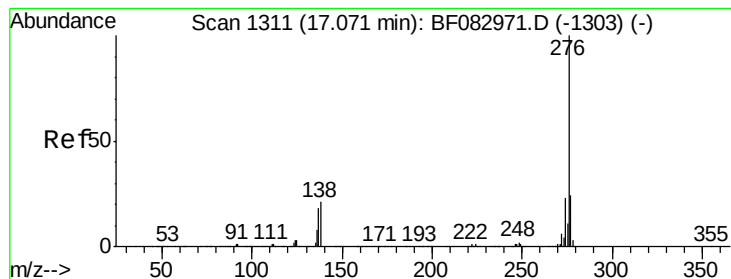


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.07 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 752841

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.2 13.1 19.7#

