

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096868.D
 Acq On : 19 Jul 2017 14:20
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:18:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	118742	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	423572	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	186177	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	315700	20.00	ng	0.00
75) Chrysene-d12	13.73	240	228709	20.00	ng	0.00
86) Perylene-d12	15.09	264	220834	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	609787	77.21	ng	0.00
7) Phenol-d6	6.25	99	694313	73.26	ng	0.00
23) Nitrobenzene-d5	7.16	82	552193	80.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	131228	82.58	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	950519	80.66	ng	-0.01
78) Terphenyl-d14	12.68	244	886325	67.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	148509	36.546	ng	# 73
3) Pyridine	2.82	79	331674	38.838	ng	# 60
4) n-Nitrosodimethylamine	2.78	42	186568	39.065	ng	# 80
6) Aniline	6.25	93	416265	35.659	ng	# 52
8) 2-Chlorophenol	6.37	128	339247	39.819	ng	# 93
9) Benzaldehyde	6.13	77	203277	37.111	ng	# 99
10) Phenol	6.26	94	394968	36.867	ng	# 79
11) bis(2-Chloroethyl)ether	6.33	93	314404	39.026	ng	# 91
12) 1,3-Dichlorobenzene	6.53	146	348893	38.526	ng	# 98
13) 1,4-Dichlorobenzene	6.60	146	349429	38.101	ng	# 95
14) 1,2-Dichlorobenzene	6.76	146	285611	34.239	ng	# 97
15) Benzyl Alcohol	6.74	79	208787	33.651	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	524822	31.566	ng	# 93
17) 2-Methylphenol	6.86	107	220368	33.263	ng	# 97
18) Hexachloroethane	7.10	117	110521	33.985	ng	# 85
19) n-Nitroso-di-n-propylamine	7.02	70	185480	32.486	ng	# 85
20) 3+4-Methylphenols	7.02	107	277988	34.578	ng	# 63
22) Acetophenone	7.01	105	377655	39.892	ng	# 98
24) Nitrobenzene	7.17	77	283771	40.124	ng	# 93
25) Isophorone	7.42	82	497102	39.077	ng	# 95
26) 2-Nitrophenol	7.49	139	160992	40.938	ng	# 89
27) 2,4-Dimethylphenol	7.55	122	257421	39.789	ng	# 96
28) bis(2-Chloroethoxy)methane	7.63	93	332049	38.628	ng	# 99
29) 2,4-Dichlorophenol	7.74	162	239414	40.882	ng	# 96
30) 1,2,4-Trichlorobenzene	7.82	180	226580	40.693	ng	# 99
31) Naphthalene	7.90	128	800435	39.891	ng	# 99
32) Benzoic acid	7.69	122	179084	43.310	ng	# 91
33) 4-Chloroaniline	7.95	127	326413	41.058	ng	# 96
34) Hexachlorobutadiene	8.02	225	121677	40.935	ng	# 97
35) Caprolactam	8.33	113	73230	39.026	ng	# 75
36) 4-Chloro-3-methylphenol	8.45	107	255728	40.612	ng	# 90
37) 2-Methylnaphthalene	8.59	142	507734	39.690	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	207778	41.285	ng	# 99
40) Hexachlorocyclopentadiene	8.75	237	71494	40.401	ng	# 97

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 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:18:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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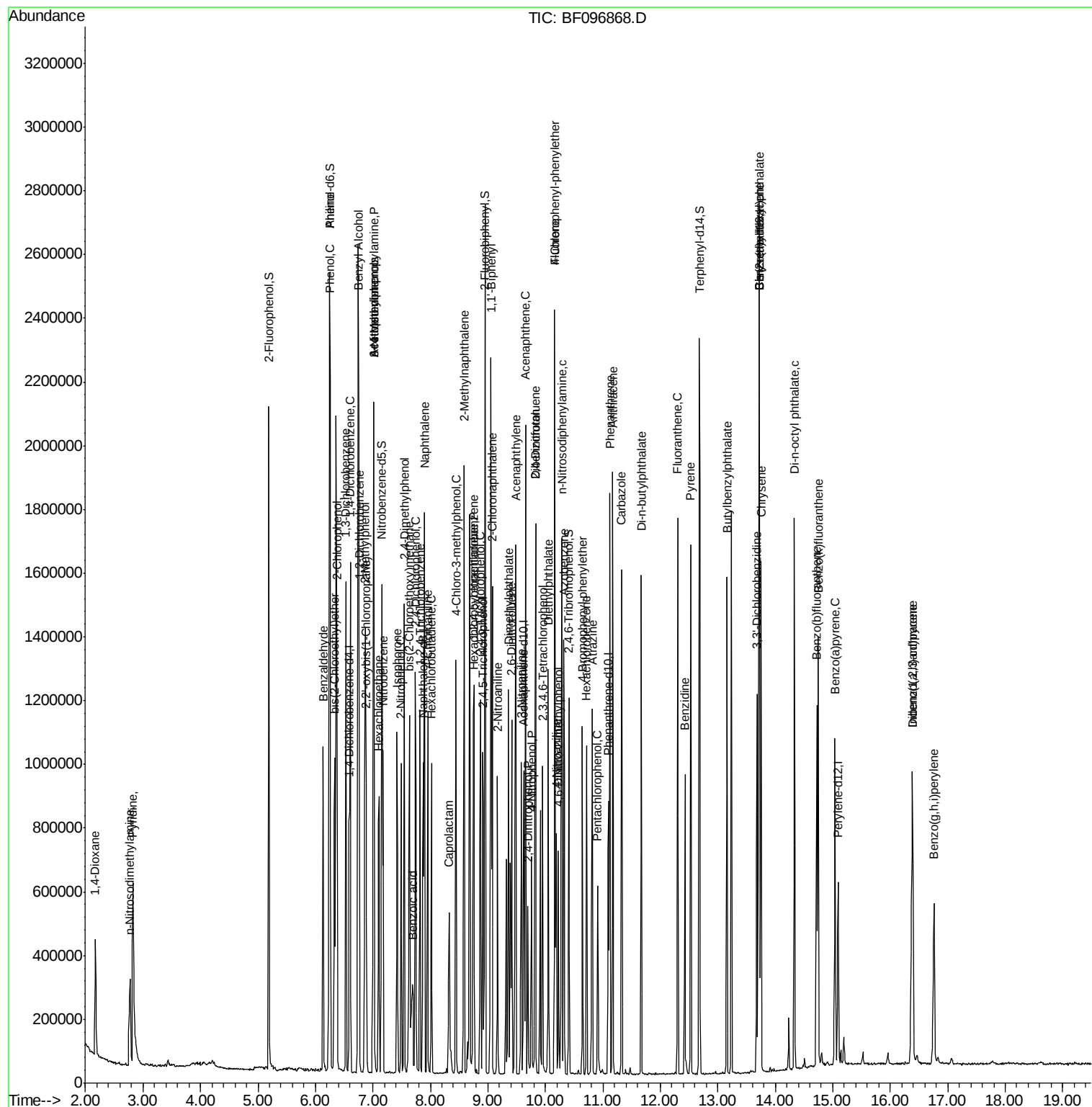
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	150854	40.636	nq	99
43) 2,4,5-Trichlorophenol	8.91	196	152631	40.766	nq	98
45) 1,1'-Biphenyl	9.05	154	652104	40.840	nq	98
46) 2-Chloronaphthalene	9.07	162	478730	40.717	nq	95
47) 2-Nitroaniline	9.17	65	164534	40.711	nq	96
48) Acenaphthylene	9.49	152	753420	40.217	nq	98
49) Dimethylphthalate	9.36	163	555788	39.647	nq	100
50) 2,6-Dinitrotoluene	9.42	165	125530	41.342	nq #	84
51) Acenaphthene	9.66	154	432894	39.117	nq	98
52) 3-Nitroaniline	9.58	138	150186	41.752	nq	95
53) 2,4-Dinitrophenol	9.69	184	59263	42.837	nq #	76
54) Dibenzofuran	9.83	168	600279	38.707	nq	99
55) 4-Nitrophenol	9.76	139	97719	37.185	nq #	65
56) 2,4-Dinitrotoluene	9.82	165	156437	40.094	nq #	78
57) Fluorene	10.17	166	476755	41.602	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	108292	41.705	nq	98
59) Diethylphthalate	10.05	149	527944	38.686	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	198083	40.667	nq	97
61) 4-Nitroaniline	10.19	138	148782	44.046	nq	91
62) Azobenzene	10.32	77	473512	39.331	nq	93
64) 4,6-Dinitro-2-methylphenol	10.23	198	87483	44.136	nq #	76
65) n-Nitrosodiphenylamine	10.29	169	437778	38.793	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	128485	39.863	nq	99
67) Hexachlorobenzene	10.72	284	145257	40.463	nq #	88
68) Atrazine	10.82	200	123726	38.483	nq	95
69) Pentachlorophenol	10.91	266	68337	39.405	nq	97
70) Phenanthrene	11.12	178	679675	39.595	nq	99
71) Anthracene	11.17	178	690289	39.773	nq	98
72) Carbazole	11.33	167	694906	41.346	nq	98
73) Di-n-butylphthalate	11.67	149	830827	39.693	nq	99
74) Fluoranthene	12.30	202	685688	41.732	nq	99
76) Benzydine	12.43	184	349067	46.588	nq #	94
77) Pyrene	12.53	202	712039	34.304	nq	99
79) Butylbenzylphthalate	13.16	149	355972	36.095	nq #	81
80) Benzo(a)anthracene	13.72	228	571317	40.092	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	228268	44.545	nq #	97
82) Chrysene	13.75	228	569415	40.589	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	437167	36.400	nq #	100
84) Di-n-octyl phthalate	14.33	149	831634	41.890	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.38	276	454411	35.417	nq	99
87) Benzo(b)fluoranthene	14.72	252	557165	41.833	nq	98
88) Benzo(k)fluoranthene	14.74	252	493234	39.108	nq	96
89) Benzo(a)pyrene	15.04	252	485137	39.714	nq	98
90) Dibenzo(a,h)anthracene	16.39	278	373162	33.198	nq	98
91) Benzo(g,h,i)perylene	16.76	276	372899	30.980	nq	97

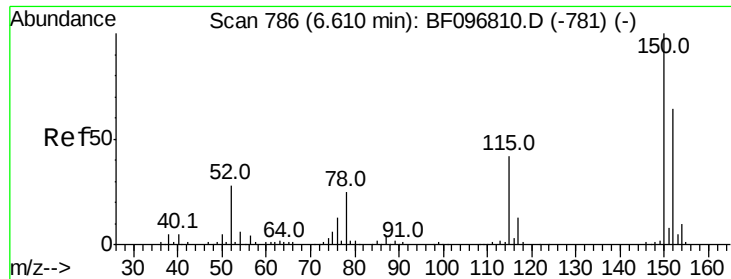
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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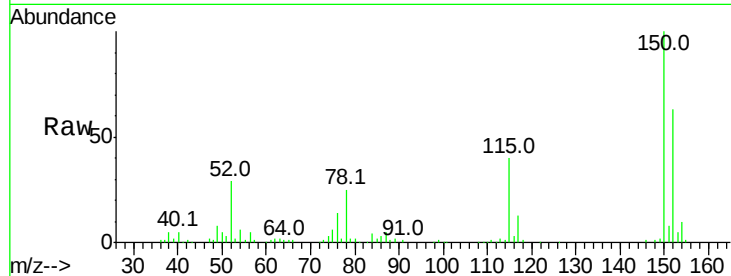


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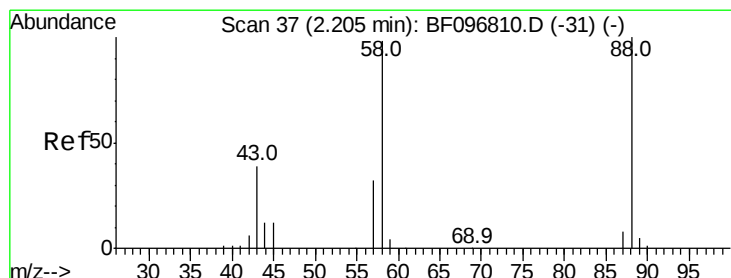
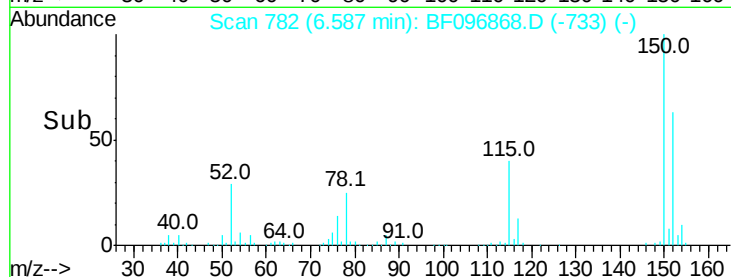
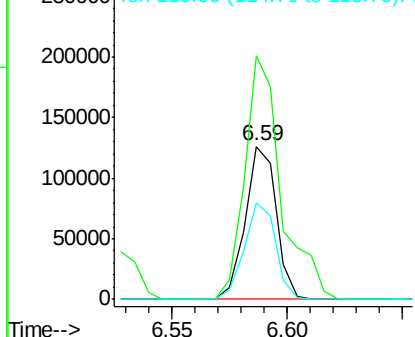
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118742
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 63.0 52.2 78.2



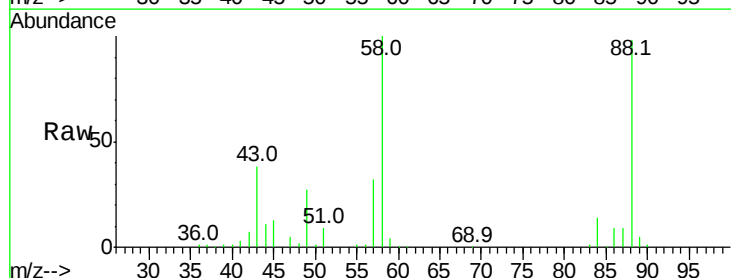
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



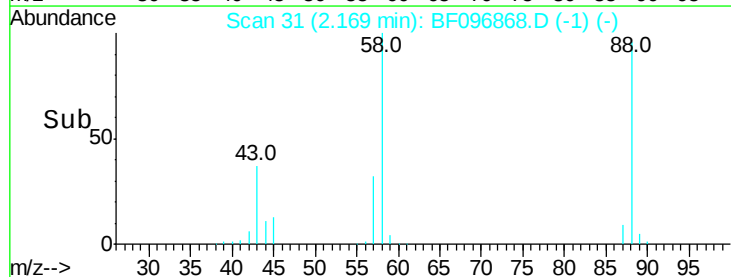
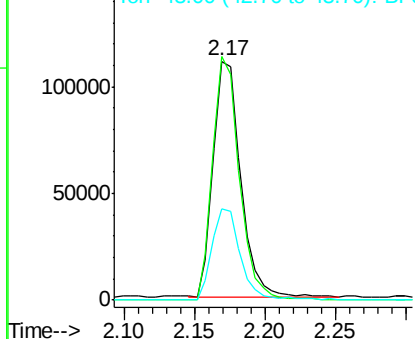
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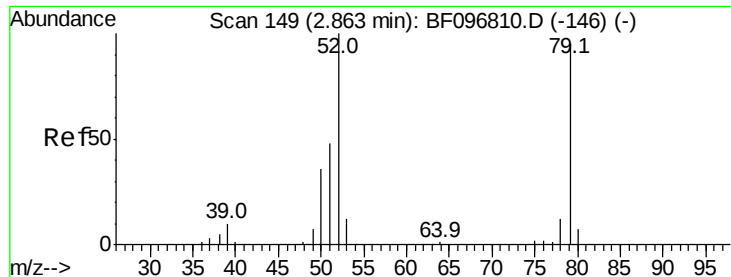
1,4-Dioxane
Concen: 36.546 ng
RT: 2.17 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion: 88 Resp: 148509
Ion Ratio Lower Upper
88 100
58 101.7 61.4 92.0#
43 40.8 23.4 35.0#



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: 38.838 ng

RT: 2.82 min Scan# 142

Delta R.T. -0.02 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

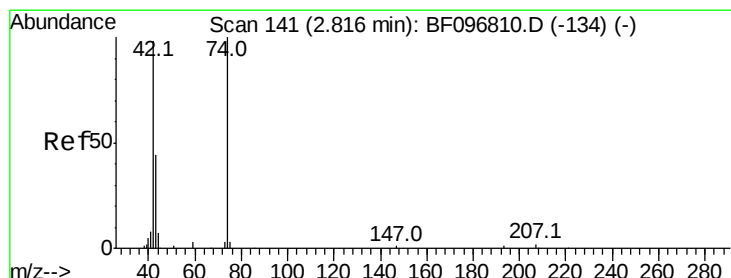
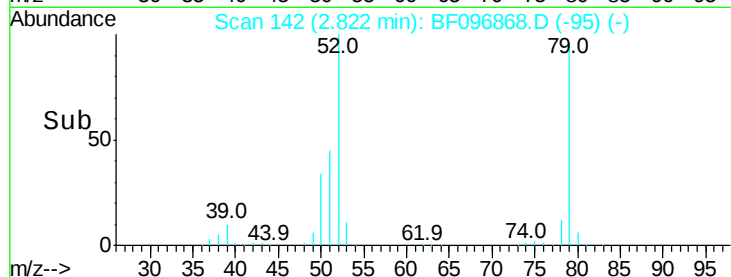
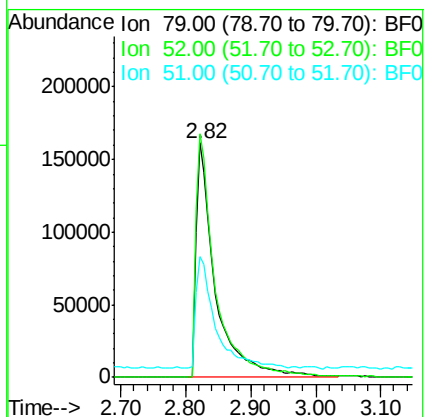
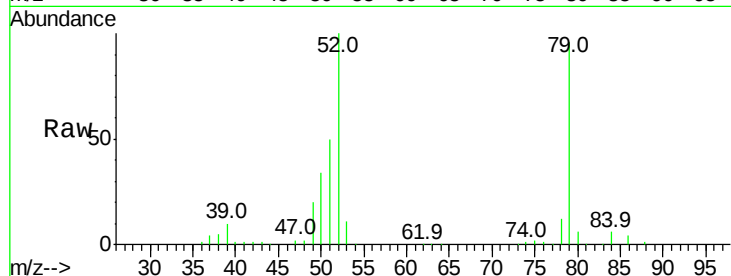
Tot Ion: 79 Resp: 331674

Ion Ratio Lower Upper

79 100

52 103.9 54.8 82.2#

51 51.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 39.065 ng

RT: 2.78 min Scan# 134

Delta R.T. -0.02 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

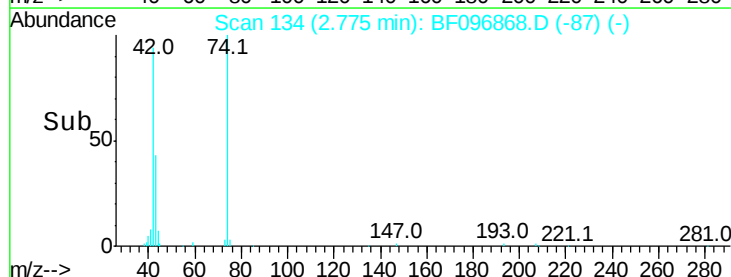
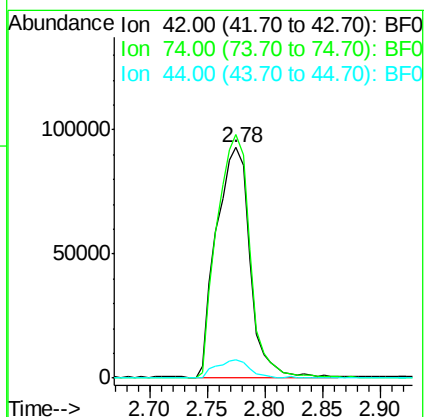
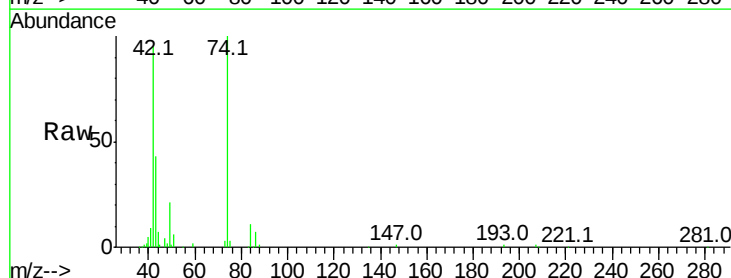
Tgt Ion: 42 Resp: 186568

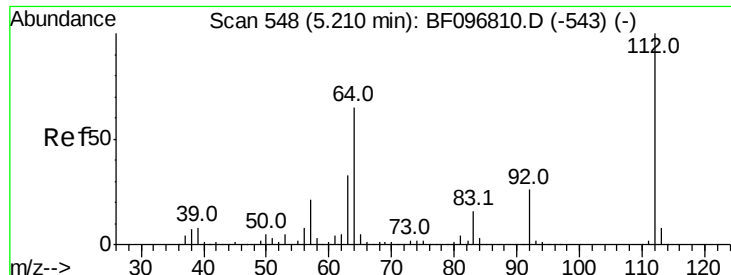
Ion Ratio Lower Upper

42 100

74 105.6 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 77.215 ng

RT: 5.19 min Scan# 545

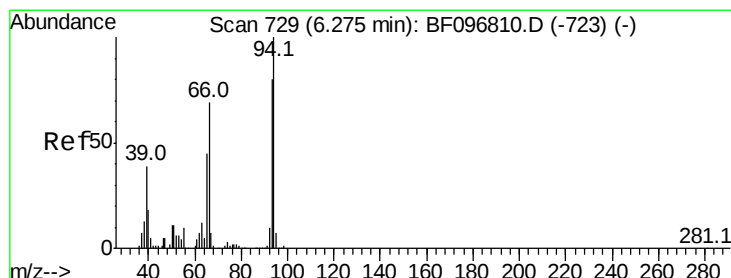
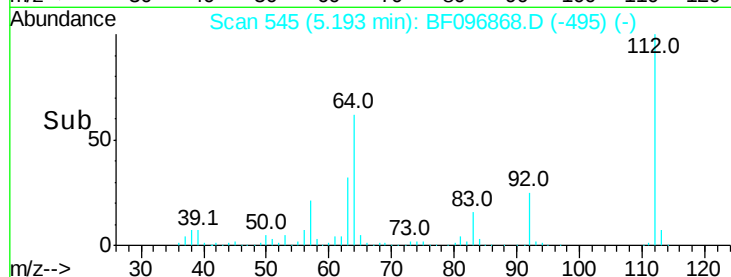
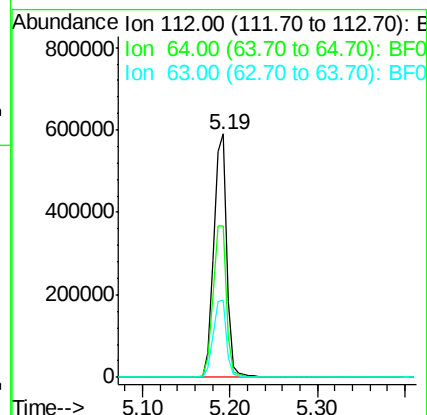
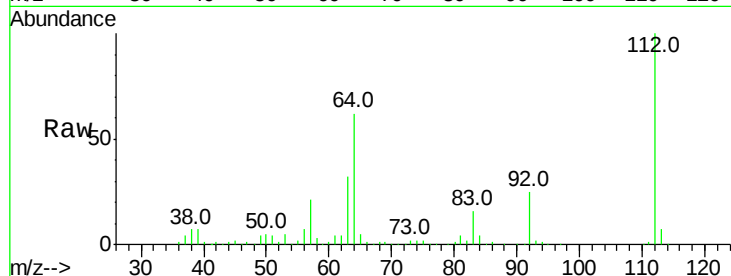
Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	609787
Ion Ratio	Lower	Upper	
112	100		
64	62.2	46.0	69.0
63	31.7	23.4	35.0



#6

Aniline

Concen: 35.659 ng

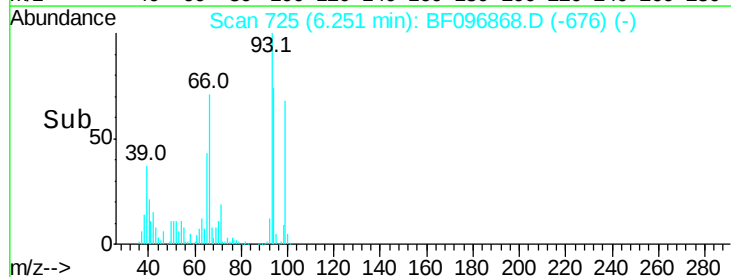
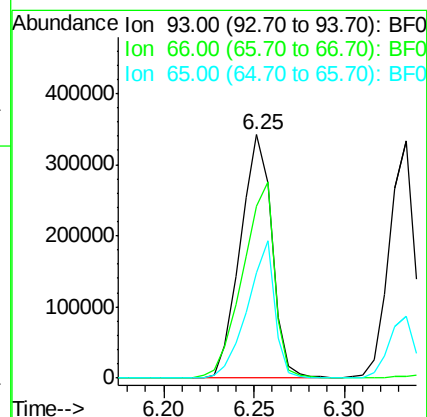
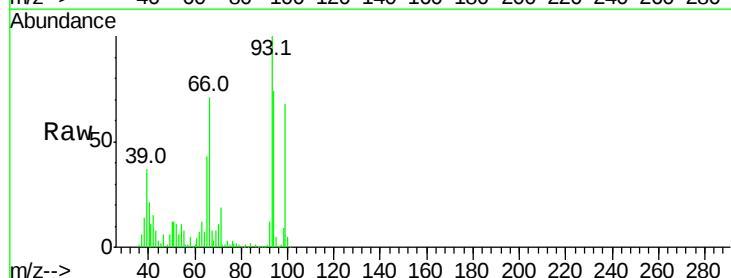
RT: 6.25 min Scan# 725

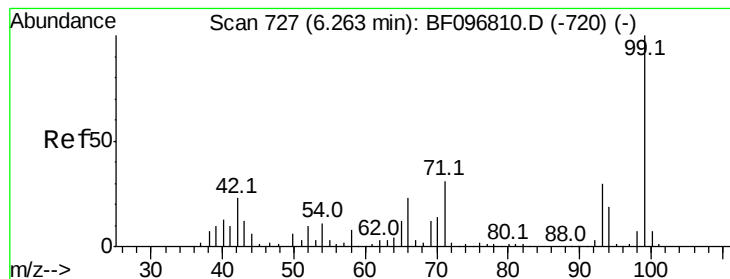
Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Tgt Ion:	93	Resp:	416265
Ion Ratio	Lower	Upper	
93	100		
66	70.6	32.9	49.3#
65	43.3	16.0	24.0#





#7

Phenol-d6

Concen: 73.263 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

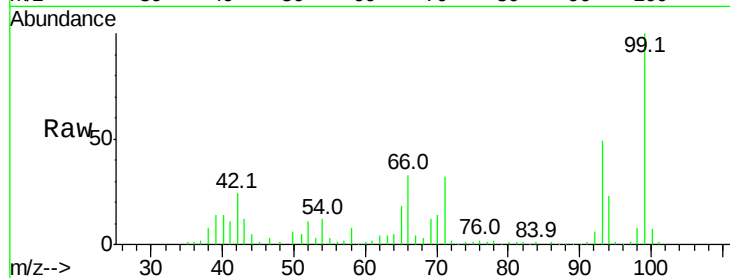
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 694313

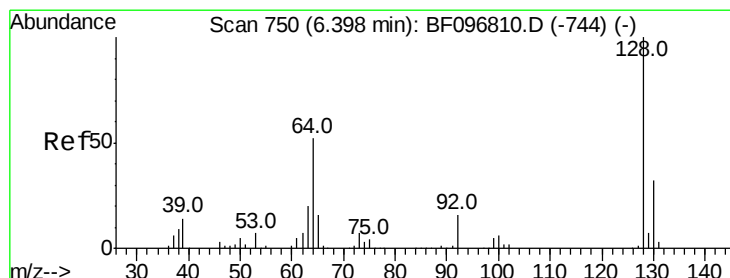
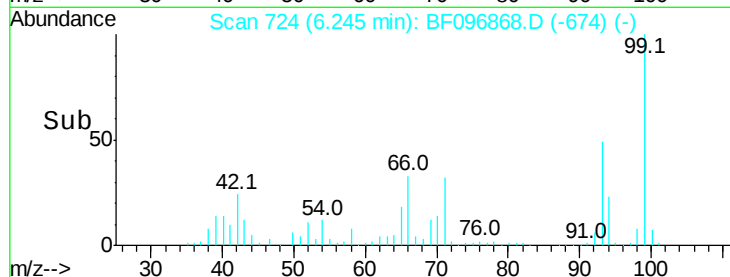
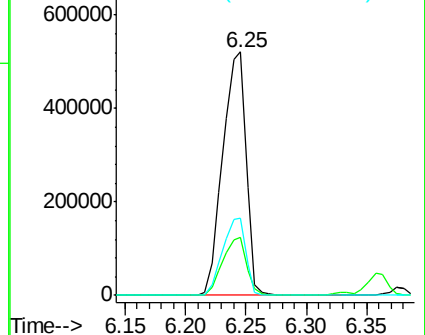
Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	31.8	24.5	36.7



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: 39.819 ng

RT: 6.37 min Scan# 746

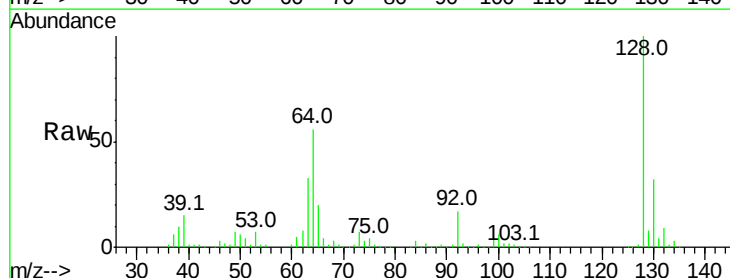
Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Tgt Ion: 128 Resp: 339247

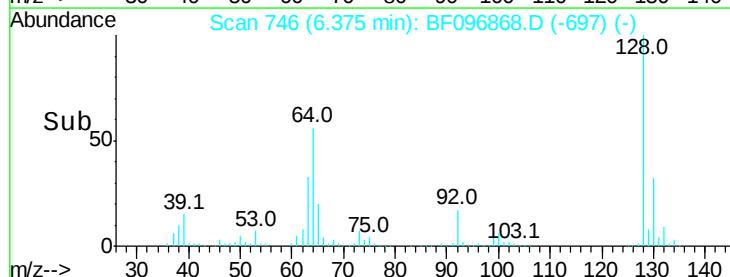
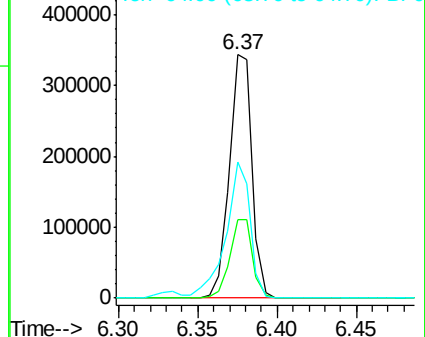
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	56.1	28.4	68.4

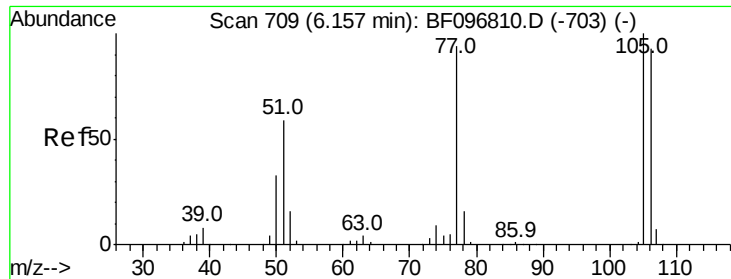


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

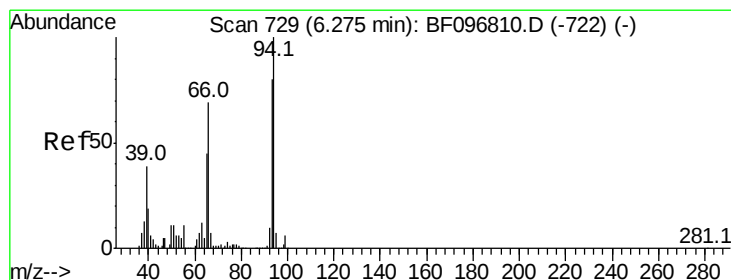
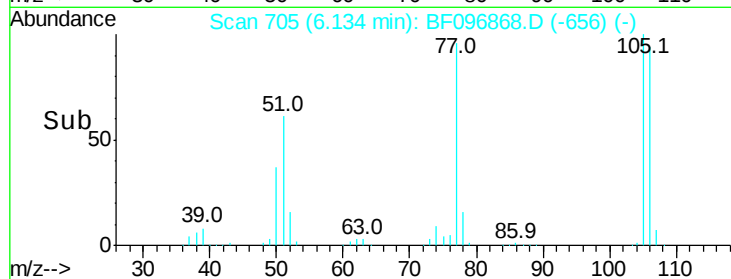
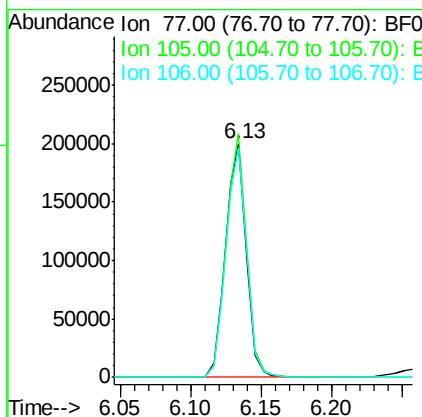
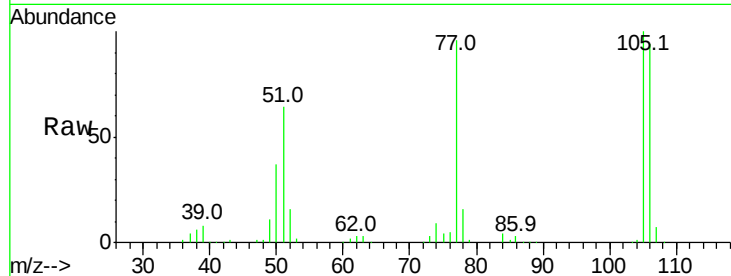




#9
Benzaldehyde
Concen: 37.111 ng
RT: 6.13 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF096868.D
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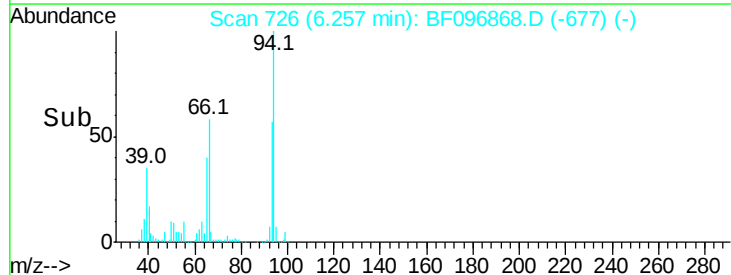
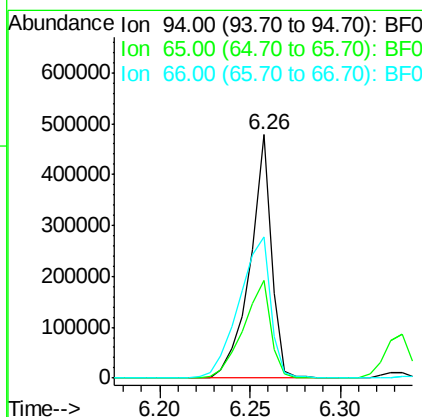
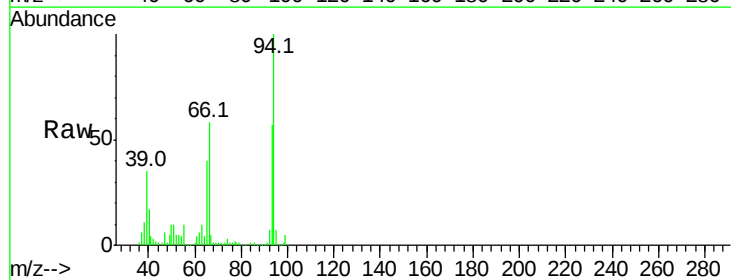
Instrument :
BNA_F
ClientSampled :

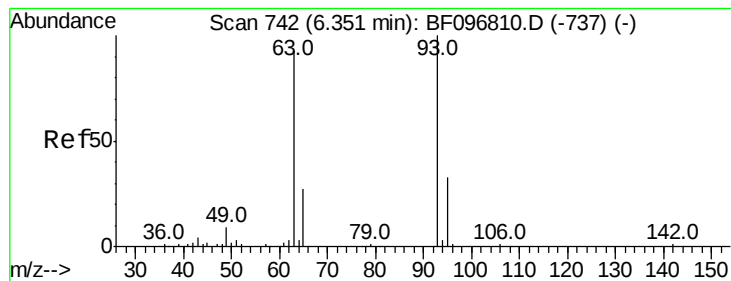
Tot Ion: 77 Resp: 203277
Ion Ratio Lower Upper
77 100
105 104.2 83.8 123.8
106 98.3 79.1 119.1



#10
Phenol
Concen: 36.867 ng
RT: 6.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion: 94 Resp: 394968
Ion Ratio Lower Upper
94 100
65 40.3 9.9 49.9
66 57.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.026 ng

RT: 6.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

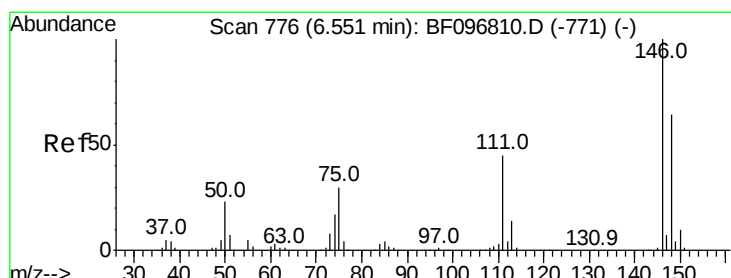
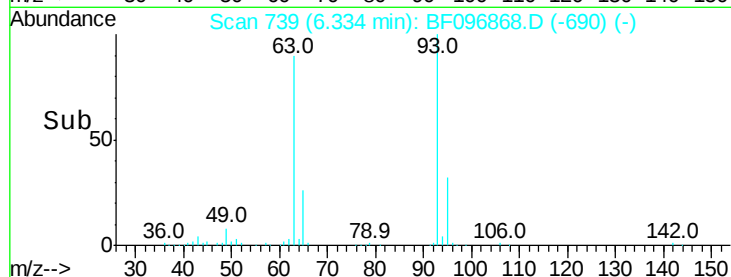
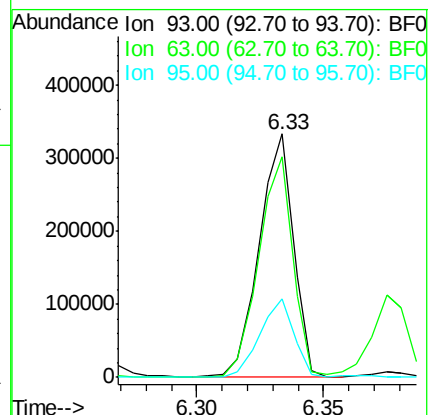
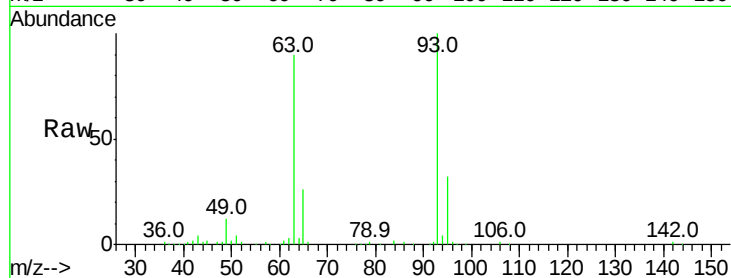
Tot Ion: 93 Resp: 314404

Ion Ratio Lower Upper

93 100

63 90.4 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.526 ng

RT: 6.53 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

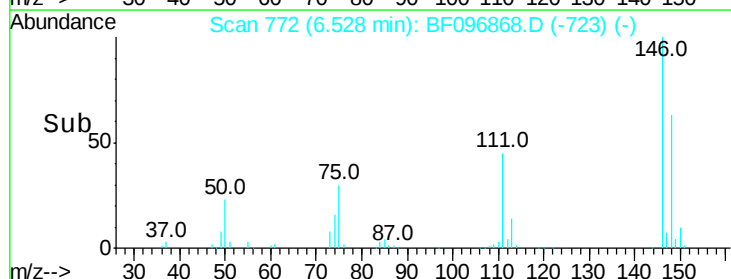
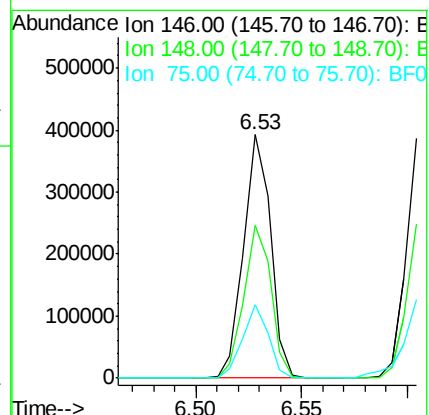
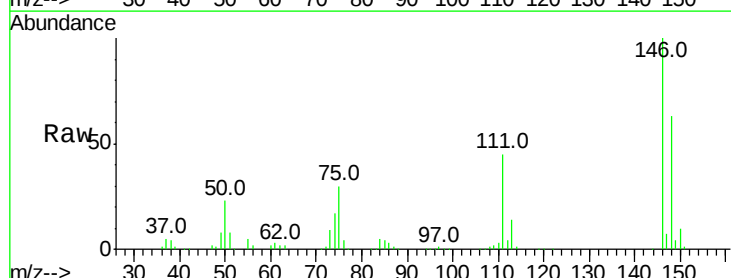
Tgt Ion: 146 Resp: 348893

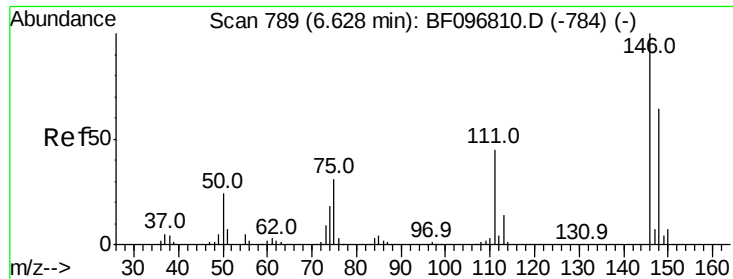
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

75 30.2 23.1 34.7

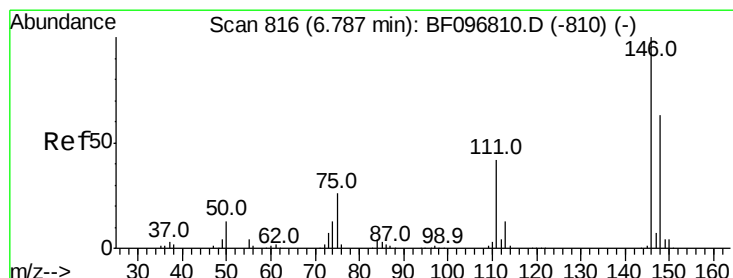
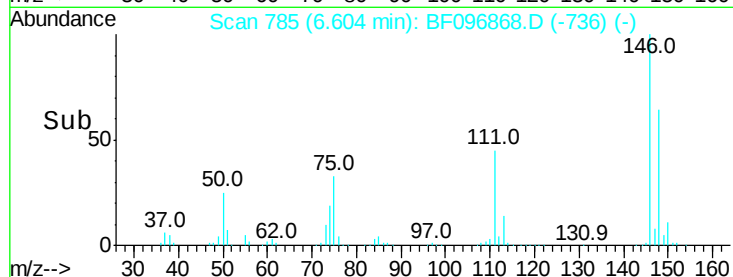
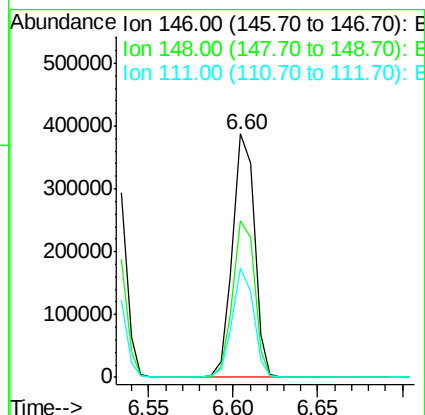
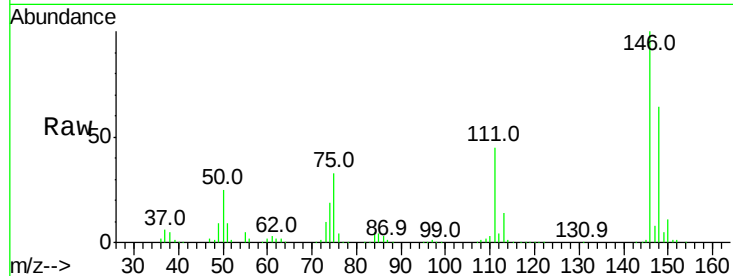




#13
 1,4-Dichlorobenzene
 Concen: 38.101 ng
 RT: 6.60 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

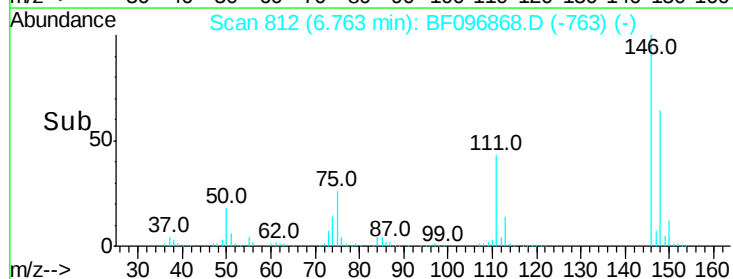
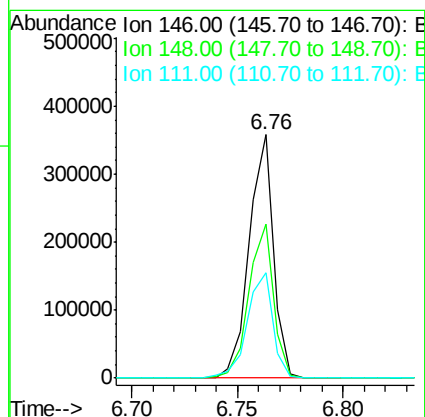
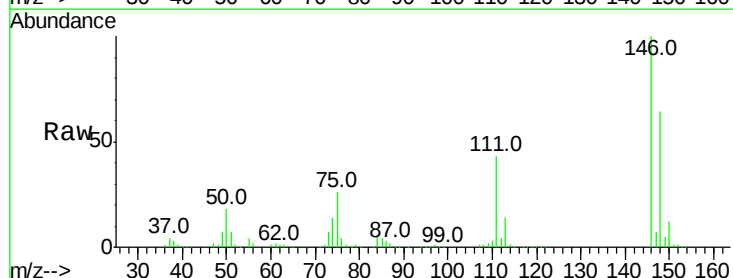
Instrument :
 BNA_F
 ClientSampled :

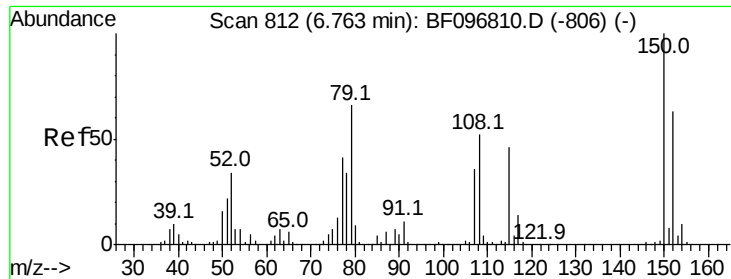
Tot Ion:146 Resp: 349429
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 44.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 34.239 ng
 RT: 6.76 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:146 Resp: 285611
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 43.1 38.2 57.4

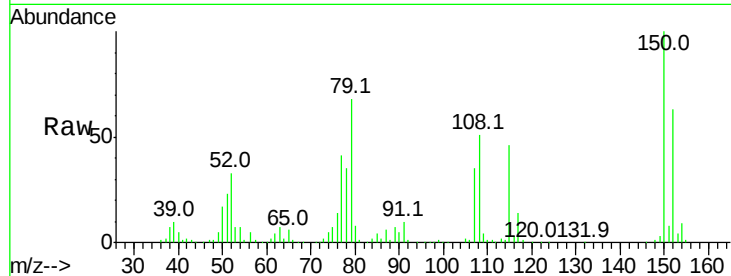




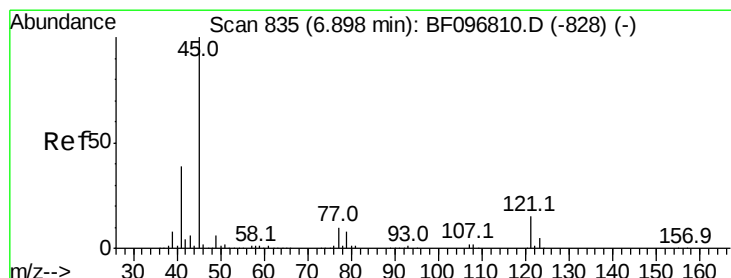
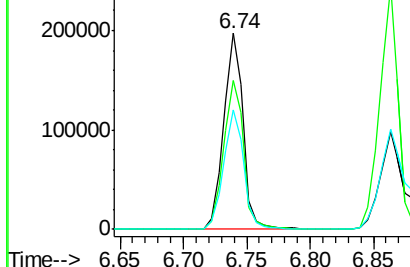
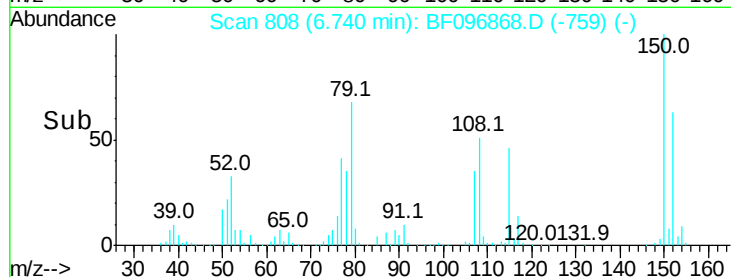
#15
Benzyl Alcohol
Concen: 33.651 ng
RT: 6.74 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 208787
Ion Ratio Lower Upper
79 100
108 76.0 63.4 95.0
77 60.9 49.2 73.8

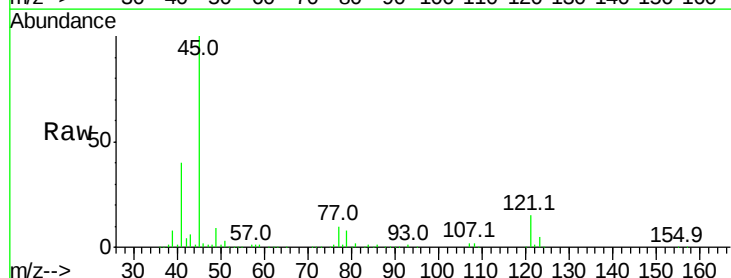


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

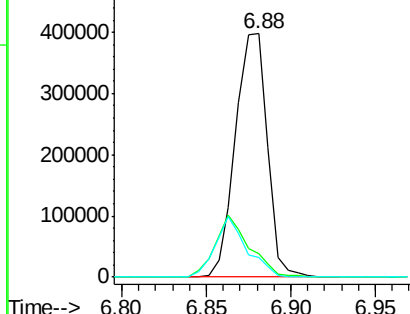
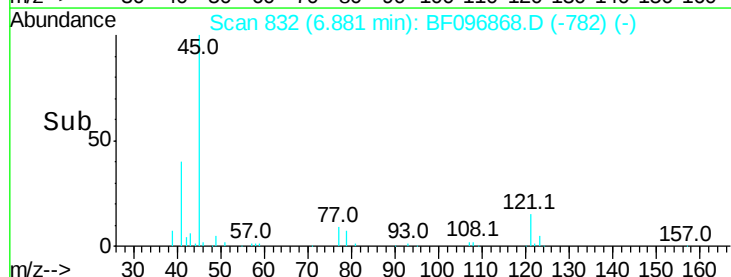


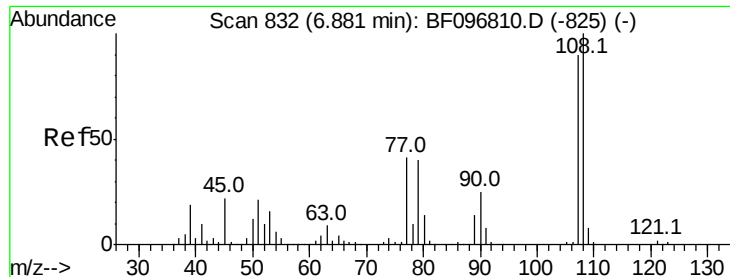
#16
2,2'-oxybis(1-chloropropane)
Concen: 31.566 ng
RT: 6.88 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion: 45 Resp: 524822
Ion Ratio Lower Upper
45 100
77 9.7 0.0 33.2
79 7.9 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

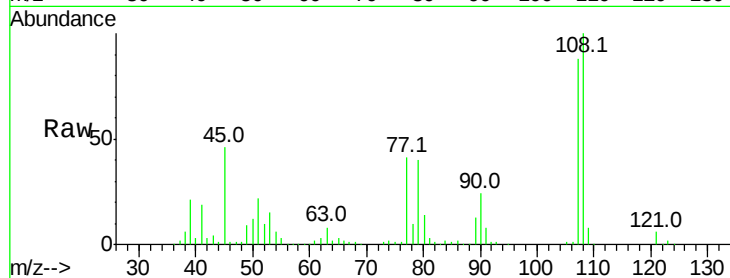




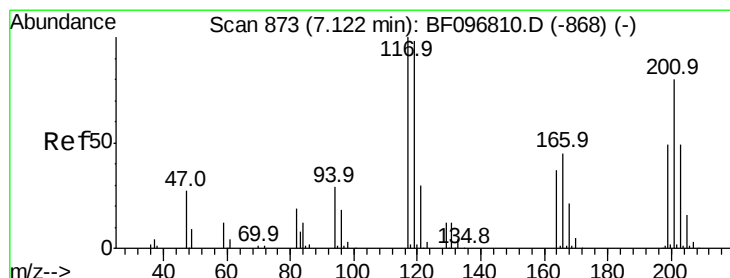
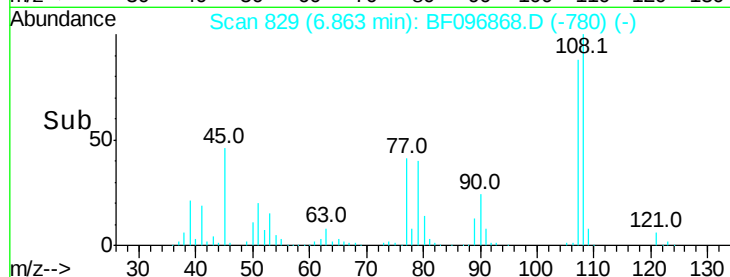
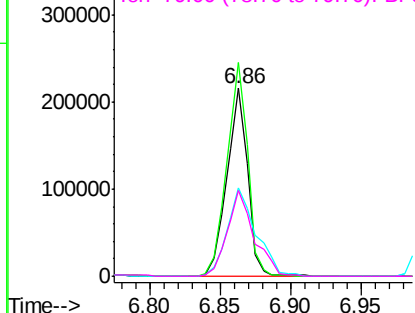
#17
2-Methylphenol
Concen: 33.263 ng
RT: 6.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 220368
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.0
77 47.1 35.8 53.6
79 45.5 34.8 52.2

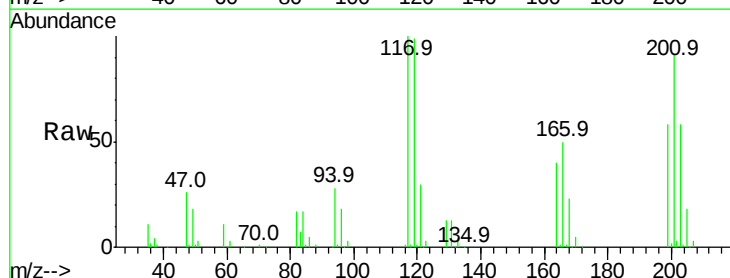


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

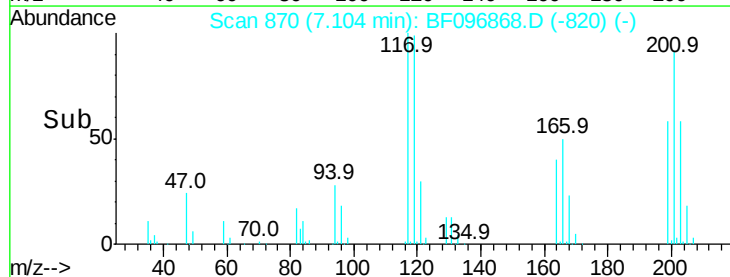
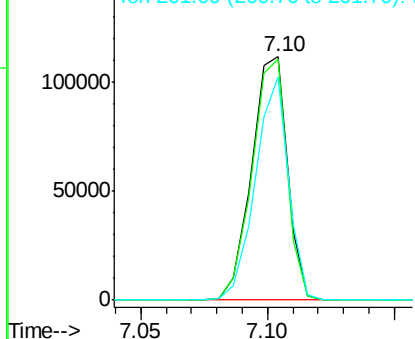


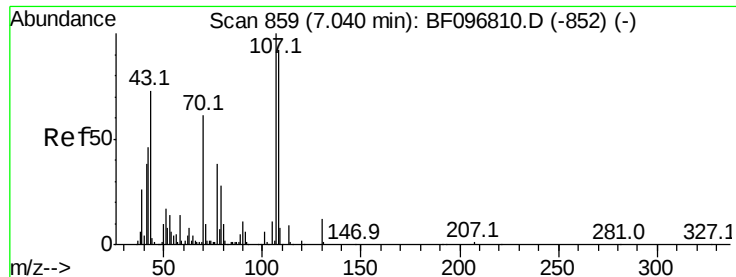
#18
Hexachloroethane
Concen: 33.985 ng
RT: 7.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:117 Resp: 110521
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.0
201 91.4 94.6 141.8#



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

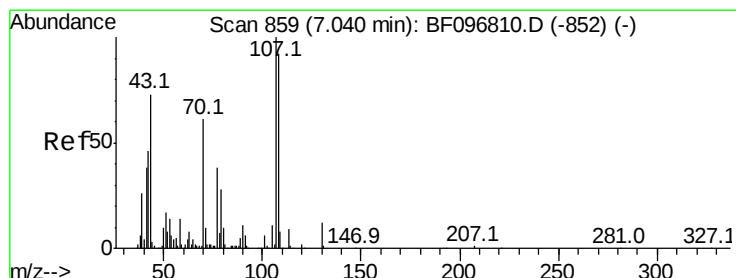
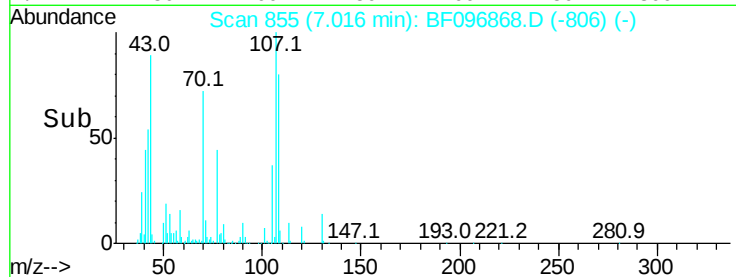
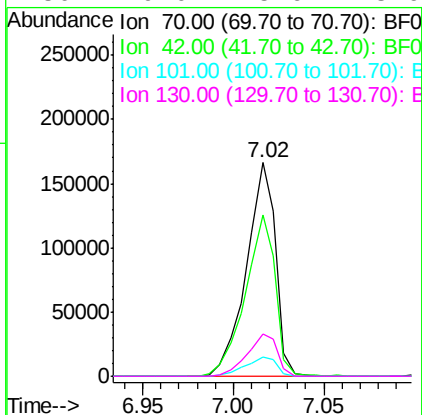
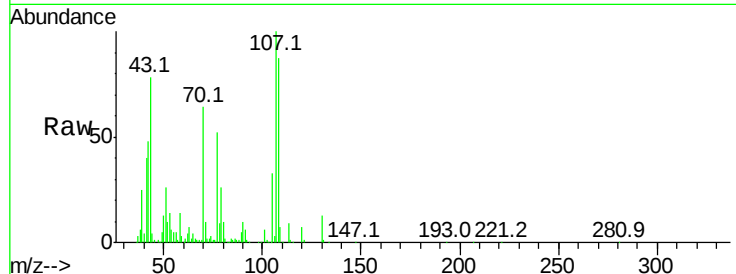




#19
n-Nitroso-di-n-propylamine
Concen: 32.486 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

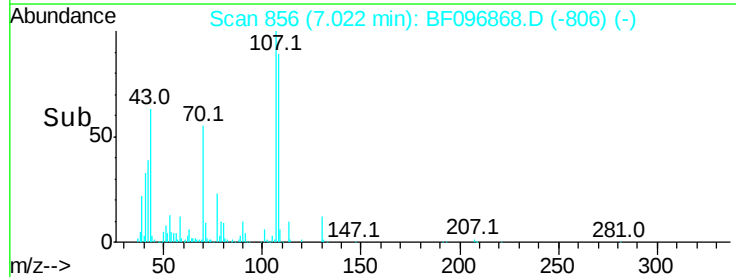
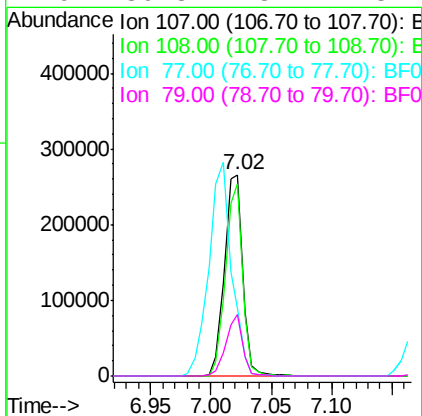
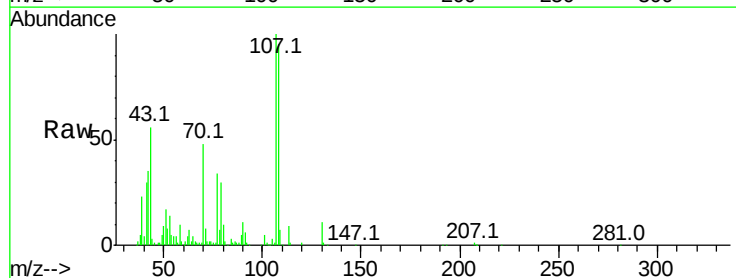
Instrument :
BNA_F
ClientSampled :

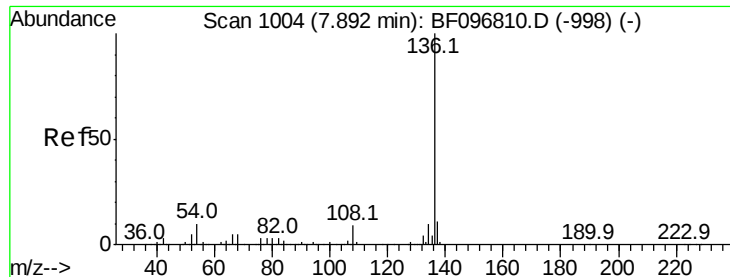
Tot Ion	70	Resp	185480
Ion	Ratio	Lower	Upper
70	100		
42	75.3	47.2	70.8#
101	9.2	7.2	10.8
130	20.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 34.578 ng
RT: 7.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion	107	Resp	277988
Ion	Ratio	Lower	Upper
107	100		
108	95.1	71.0	111.0
77	33.7	90.5	130.5#
79	30.3	8.4	48.4

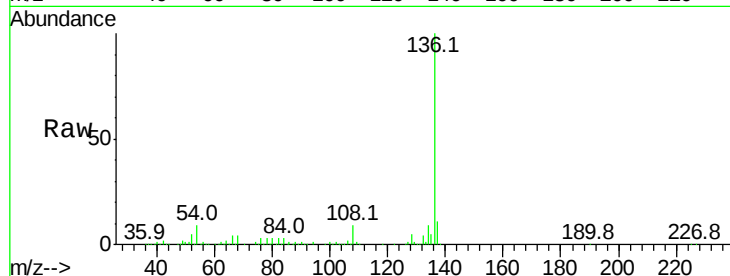




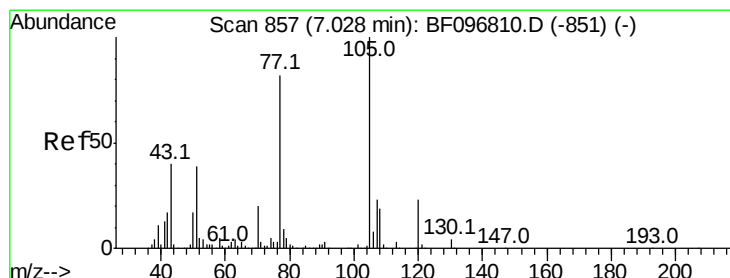
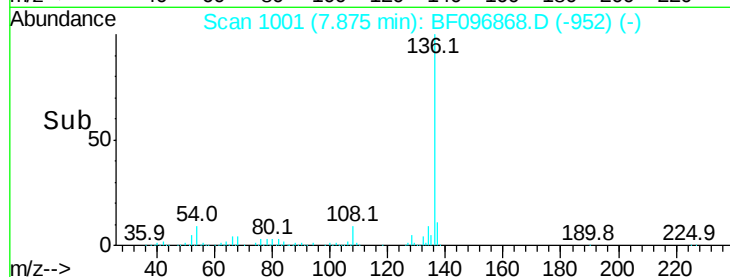
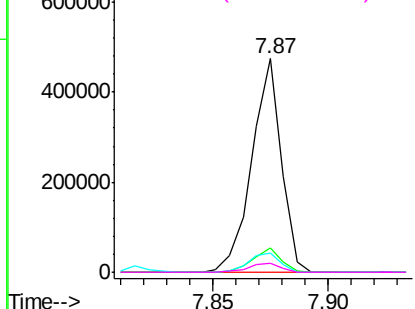
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	423572
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	9.2	4.9 7.3#
68	4.2	4.1 6.1

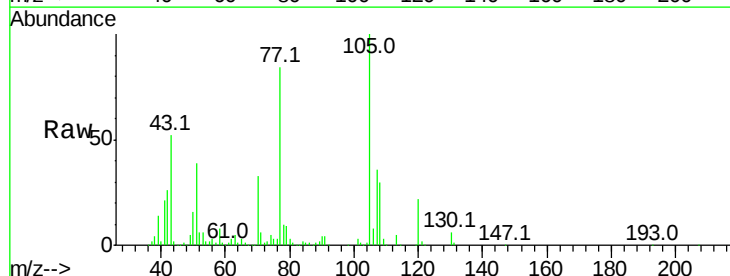


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

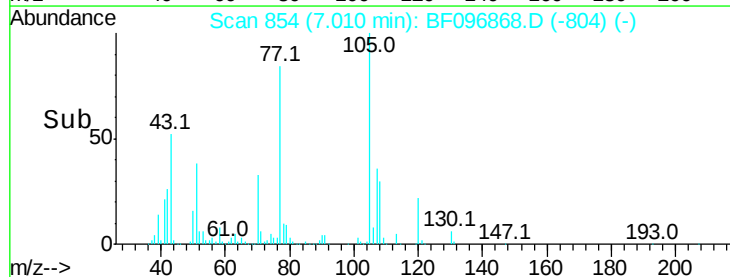
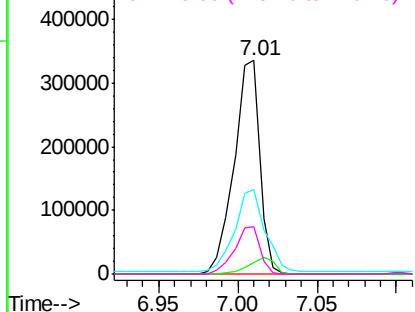


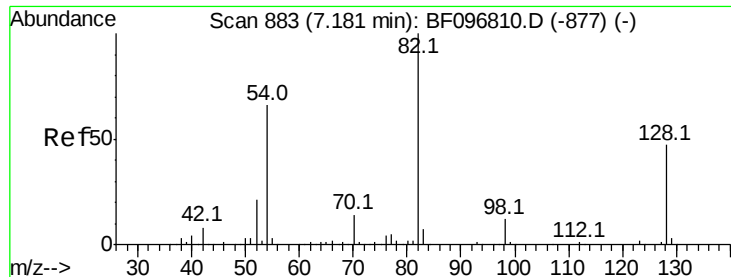
#22
Acetophenone
Concen: 39.892 ng
RT: 7.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:105	Resp:	377655
Ion Ratio	Lower	Upper
105	100	
71	5.6	2.8 4.2#
51	39.4	30.7 46.1
120	21.9	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

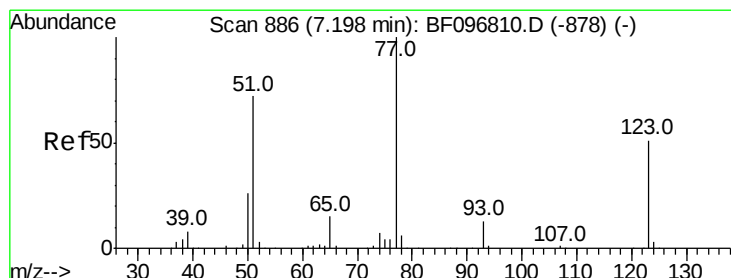
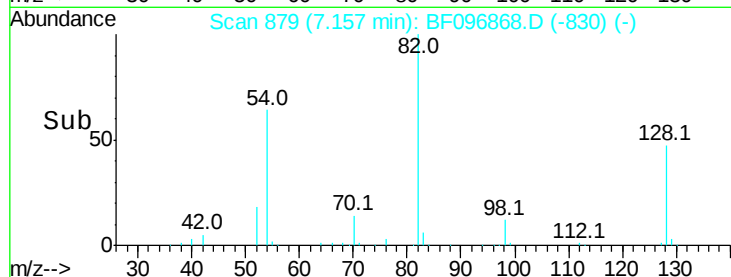
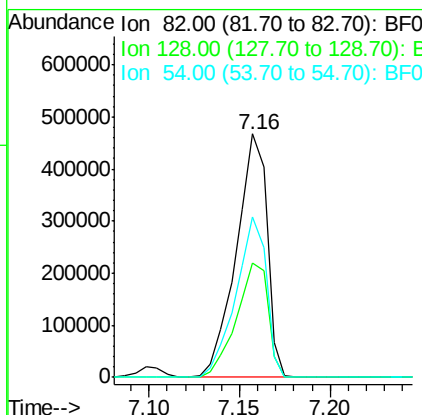
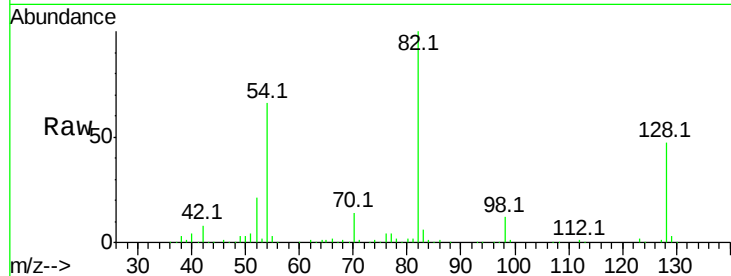




#23
 Nitrobenzene-d5
 Concen: 80.750 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

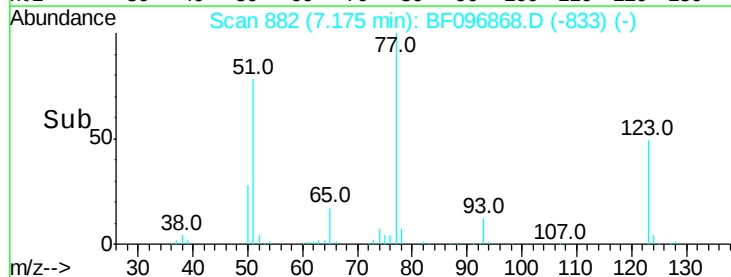
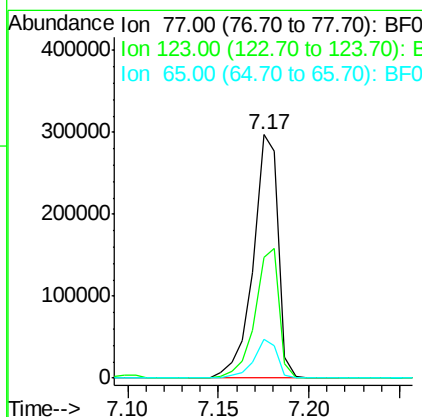
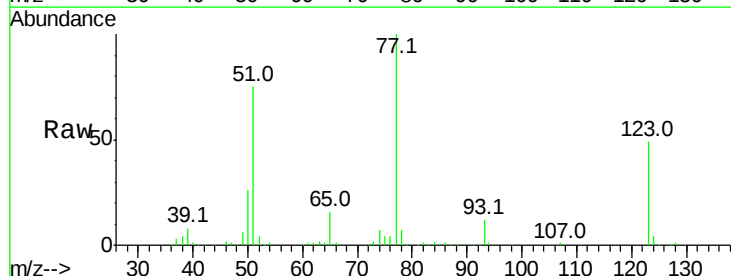
Instrument :
 BNA_F
 ClientSampleID :

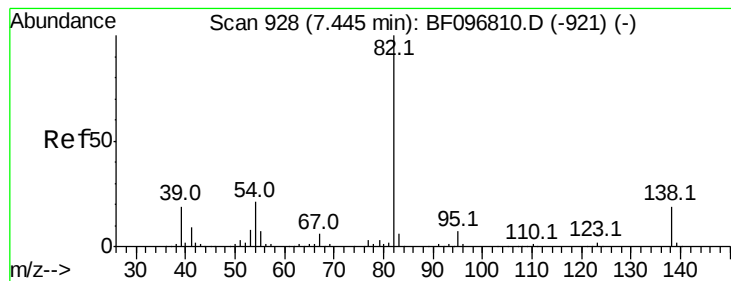
Tot Ion	82	Resp	552193
Ion Ratio	Lower	Upper	
82	100		
128	46.9	34.0	51.0
54	65.9	42.2	63.2#



#24
 Nitrobenzene
 Concen: 40.124 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion	77	Resp	283771
Ion Ratio	Lower	Upper	
77	100		
123	49.5	35.8	53.8
65	15.7	10.6	15.8





#25

Isophorone

Concen: 39.077 ng

RT: 7.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

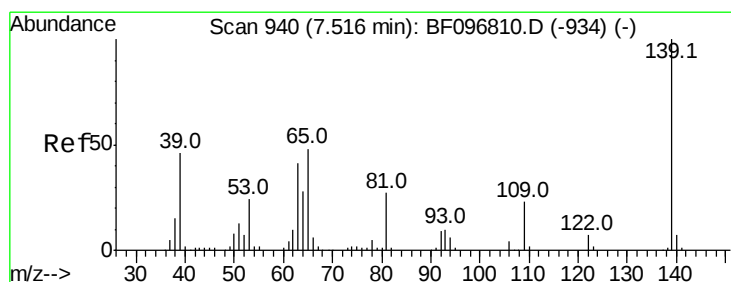
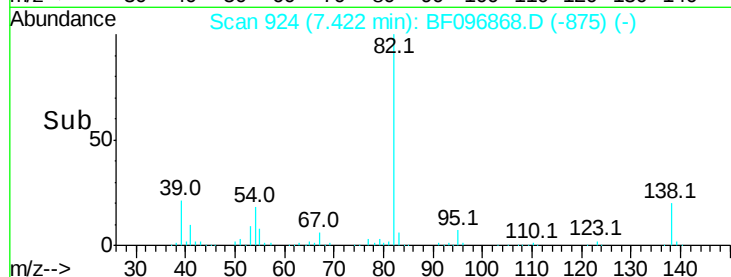
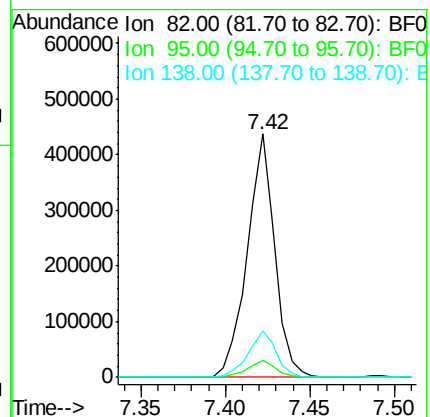
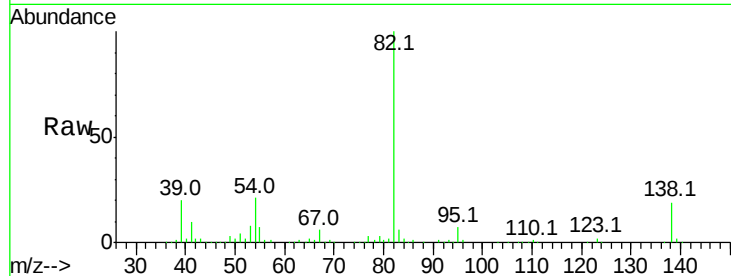
Tot Ion: 82 Resp: 497102

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 40.938 ng

RT: 7.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

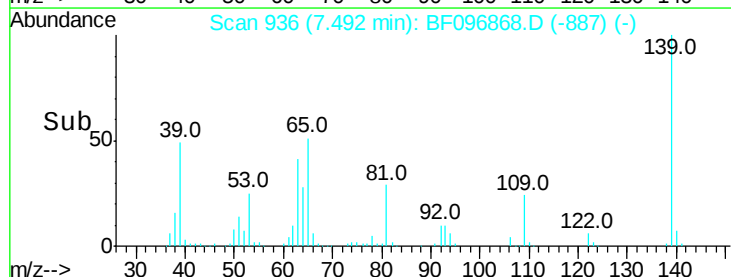
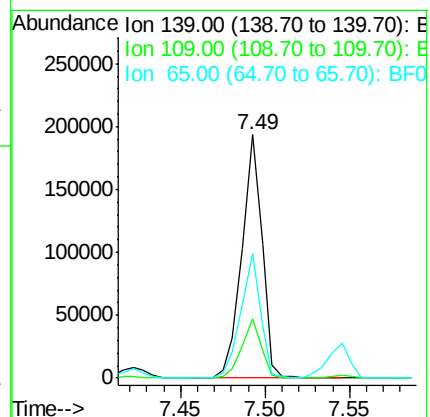
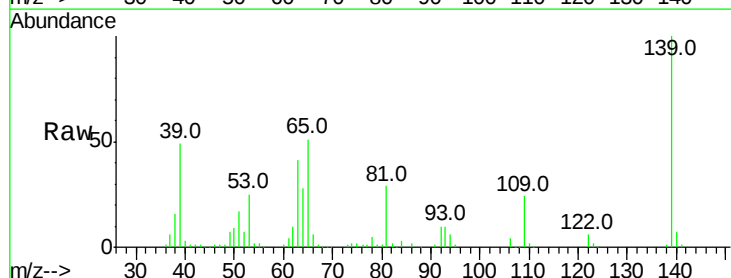
Tgt Ion: 139 Resp: 160992

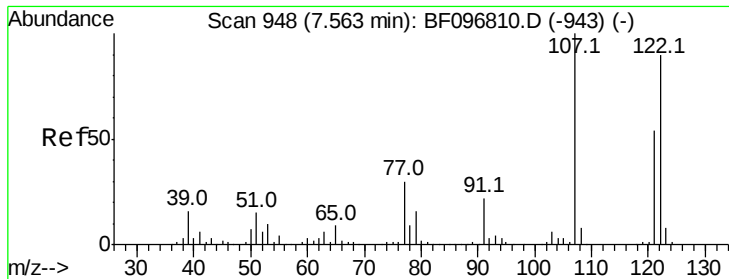
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 51.3 33.0 49.6#

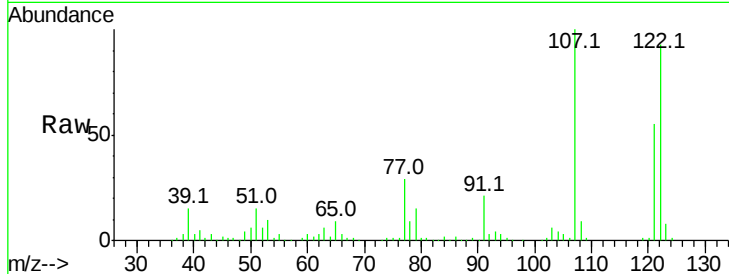




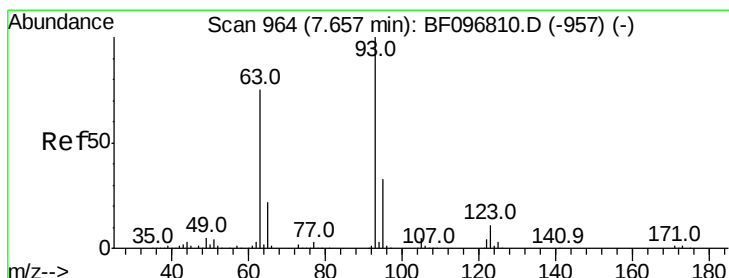
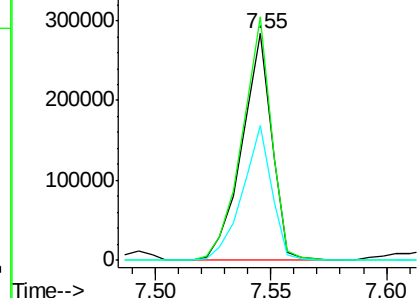
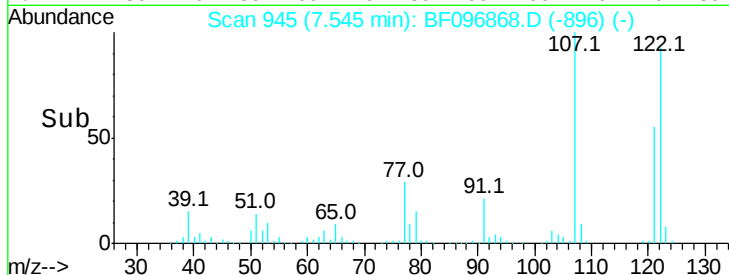
#27
 2,4-Dimethylphenol
 Concen: 39.789 ng
 RT: 7.55 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 257421
 Ion Ratio Lower Upper
 122 100
 107 107.5 89.2 133.8
 121 59.6 45.2 67.8

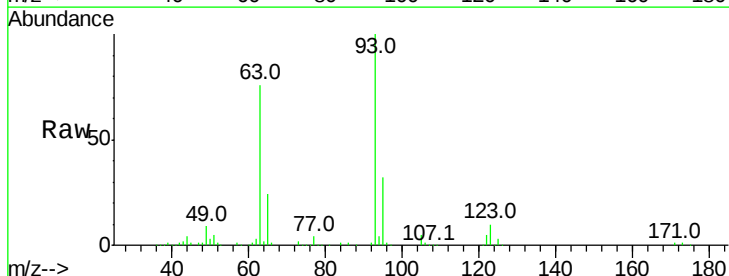


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

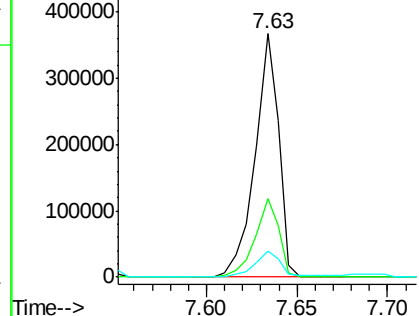
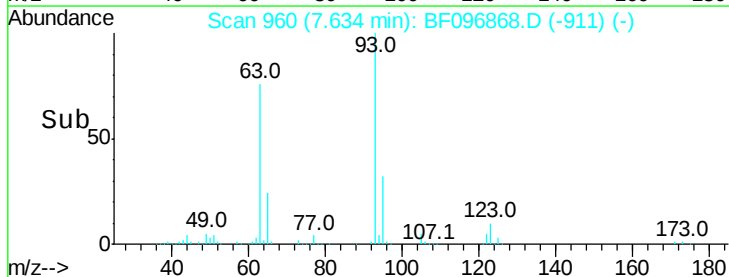


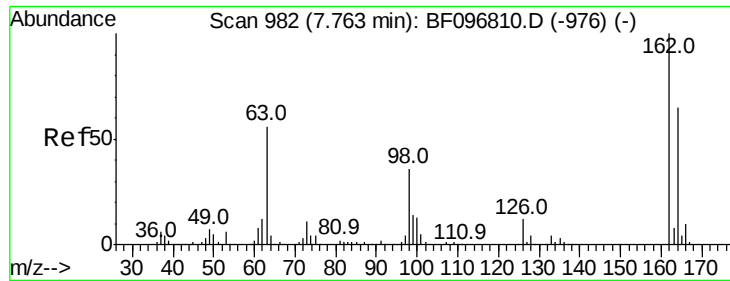
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.628 ng
 RT: 7.63 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion: 93 Resp: 332049
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.5 9.0 13.4



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

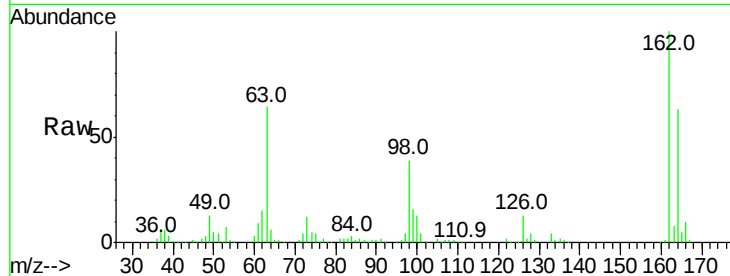




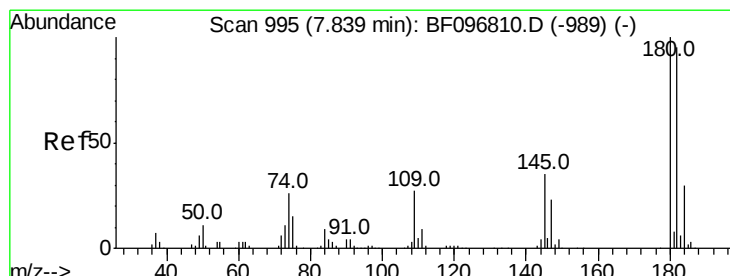
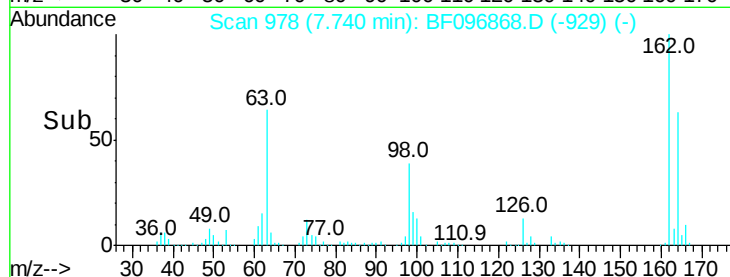
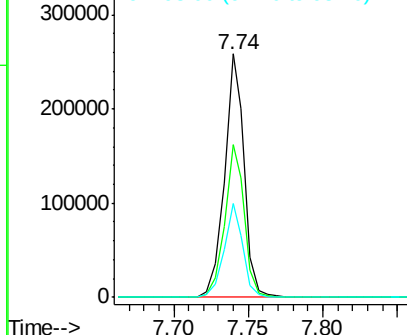
#29
2,4-Dichlorophenol
Concen: 40.882 ng
RT: 7.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 239414
Ion Ratio Lower Upper
162 100
164 62.7 44.6 84.6
98 38.6 14.8 54.8

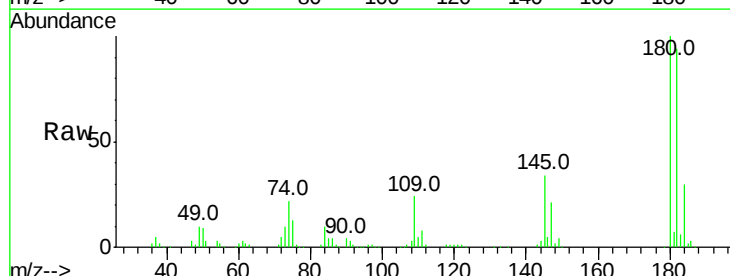


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

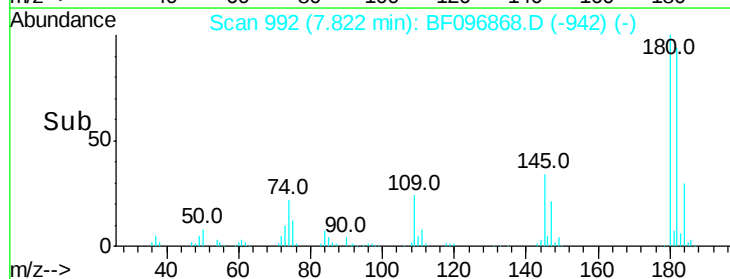
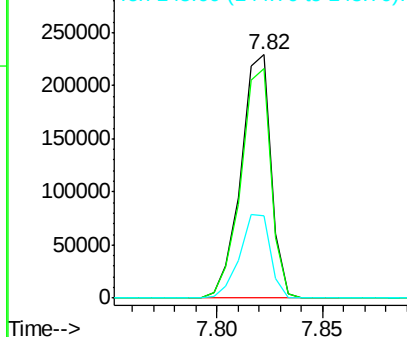


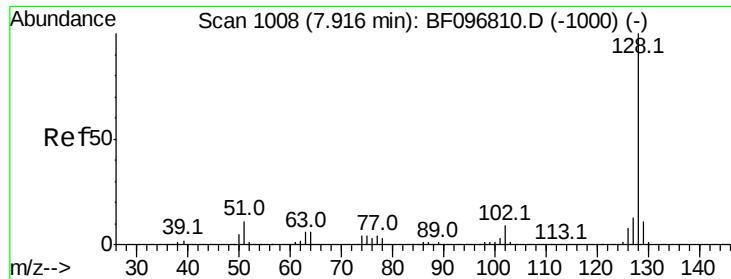
#30
1,2,4-Trichlorobenzene
Concen: 40.693 ng
RT: 7.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:180 Resp: 226580
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 33.8 25.3 37.9



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

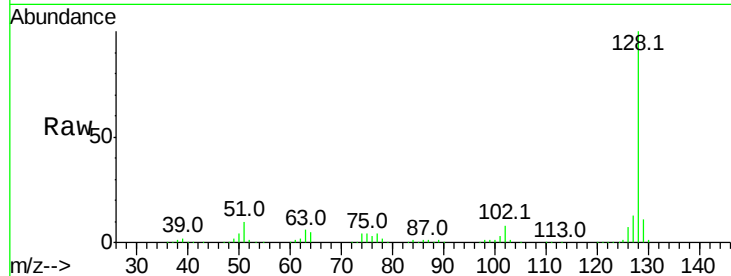




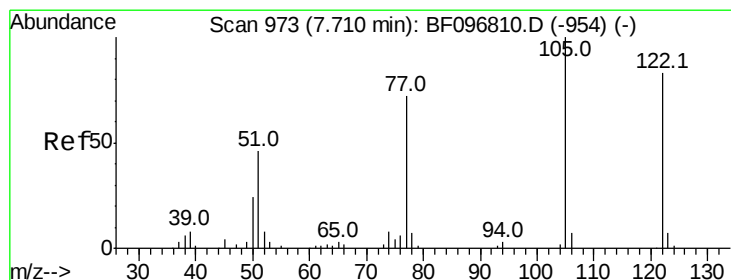
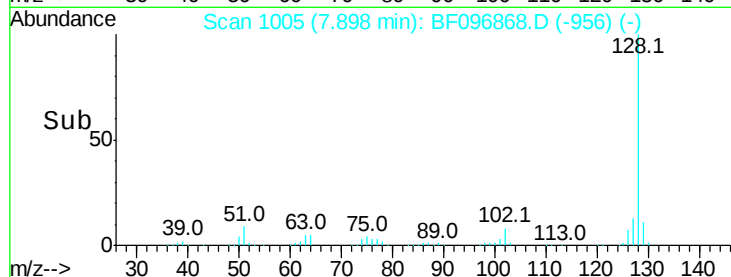
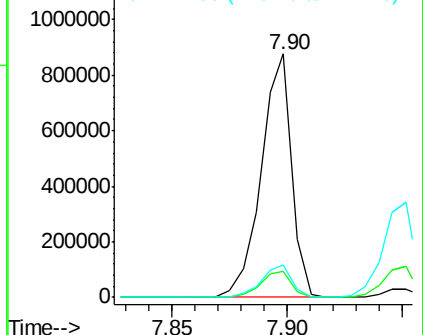
#31
Naphthalene
Concen: 39.891 ng
RT: 7.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 800435
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.5 10.8 16.2

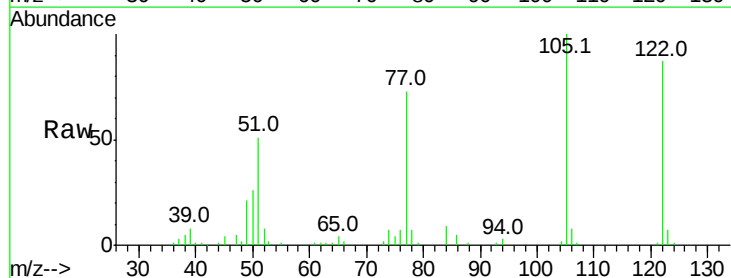


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

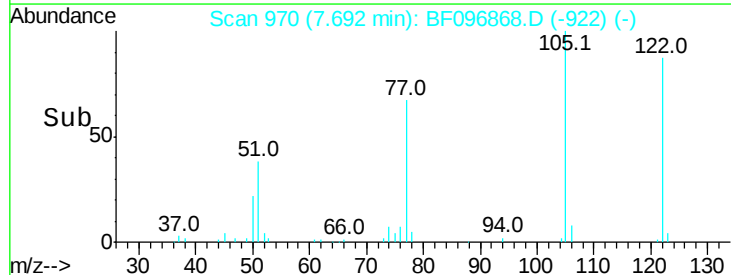
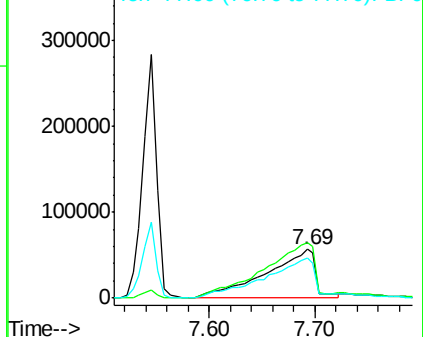


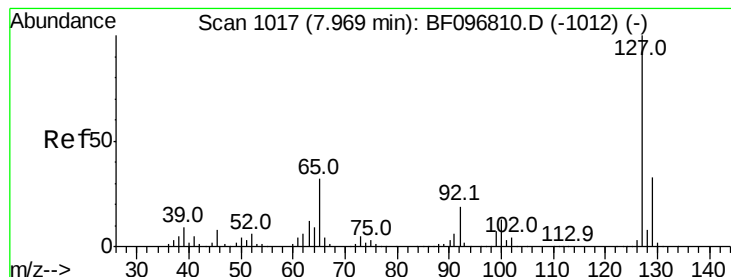
#32
Benzoic acid
Concen: 43.310 ng
RT: 7.69 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:122 Resp: 179084
Ion Ratio Lower Upper
122 100
105 115.0 103.3 143.3
77 83.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.058 ng

RT: 7.95 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 326413

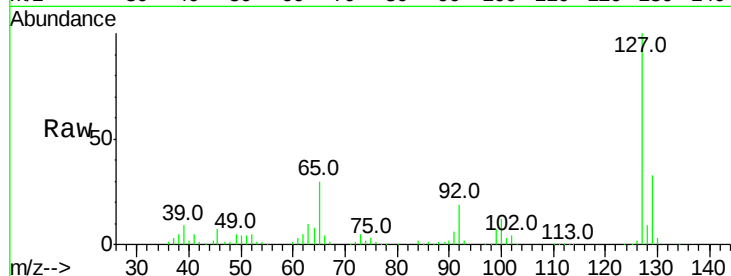
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2

65 29.9 27.8 41.8

92 19.1 16.8 25.2

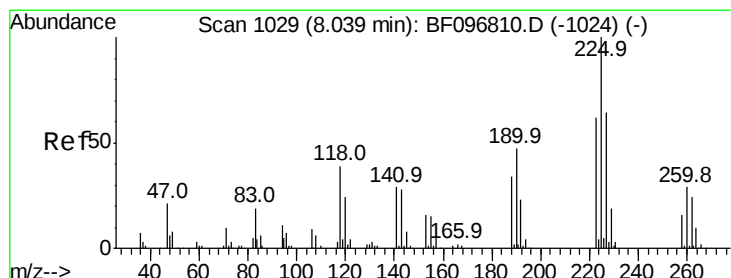
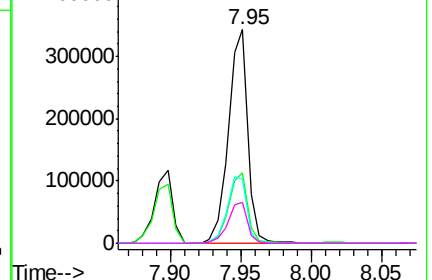
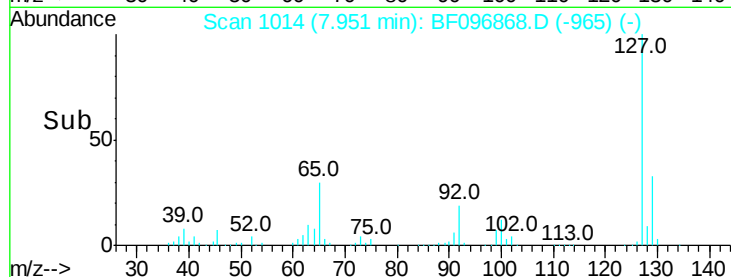


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.935 ng

RT: 8.02 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

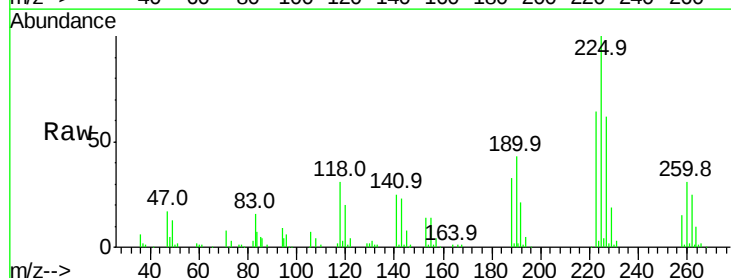
Tgt Ion:225 Resp: 121677

Ion Ratio Lower Upper

225 100

223 64.2 48.8 73.2

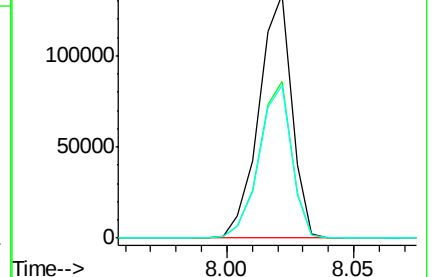
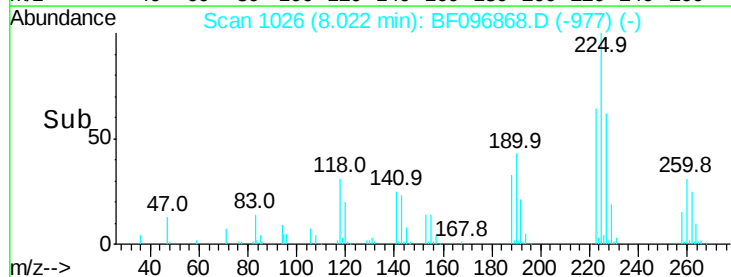
227 62.5 51.1 76.7

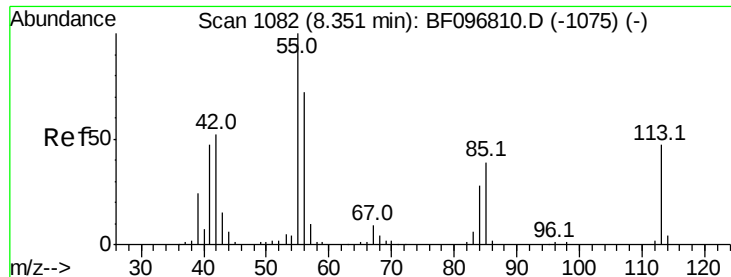


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.026 ng

RT: 8.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampled :

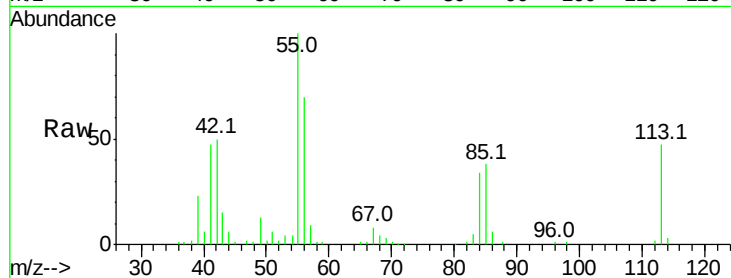
Tot Ion:113 Resp: 73230

Ion Ratio Lower Upper

113 100

55 211.2 150.2 190.2#

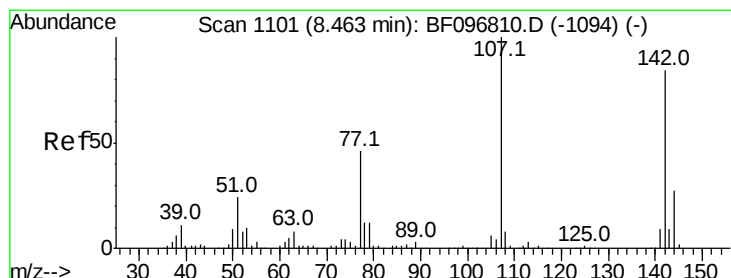
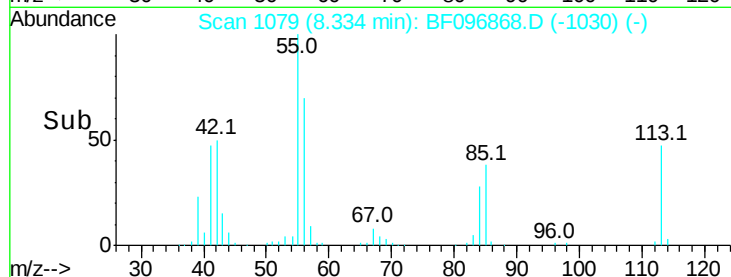
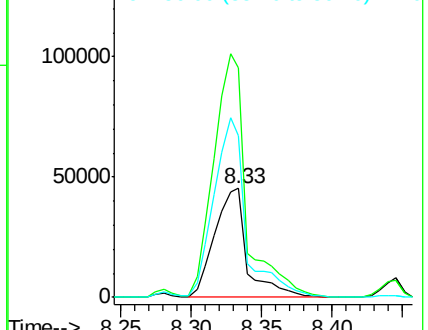
56 148.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.612 ng

RT: 8.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

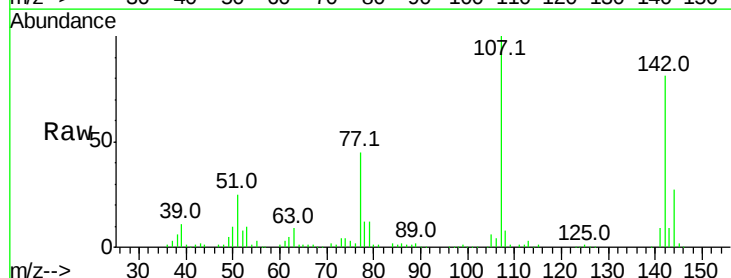
Tgt Ion:107 Resp: 255728

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

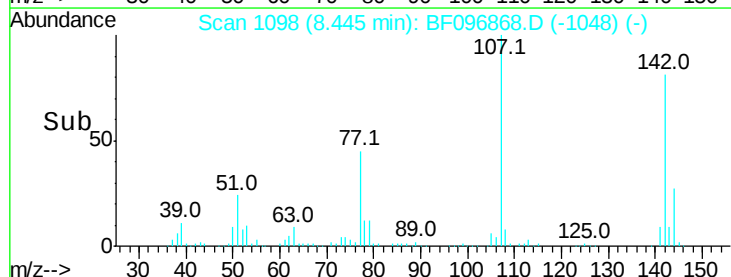
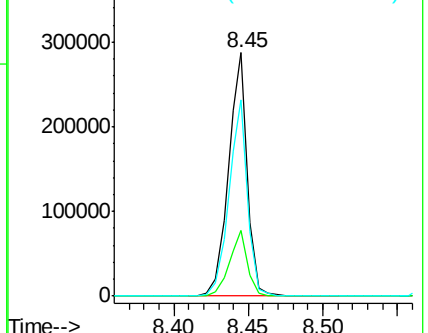
142 80.6 73.4 110.0

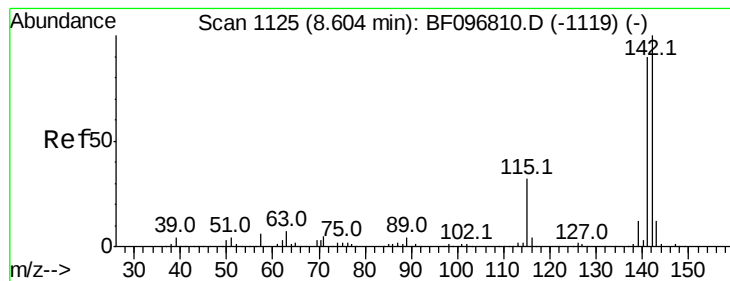


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

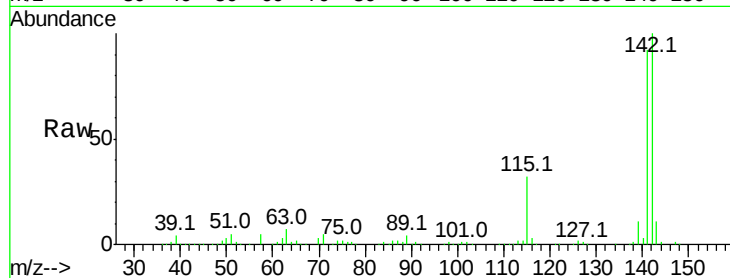




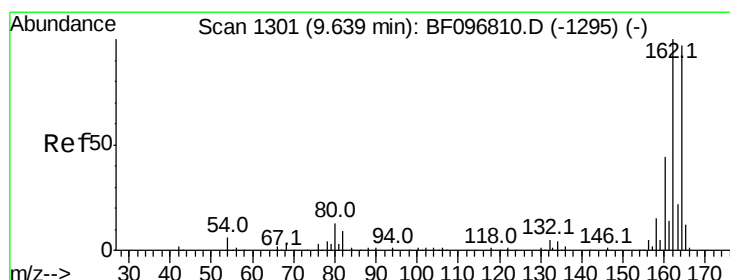
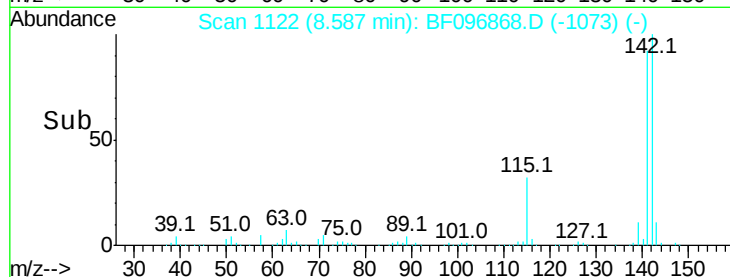
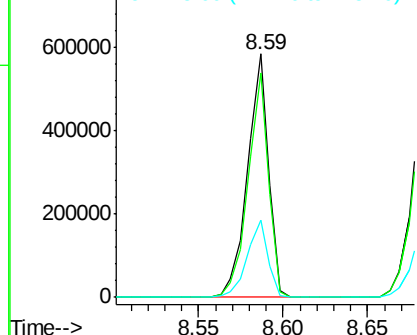
#37
 2-Methylnaphthalene
 Concen: 39.690 ng
 RT: 8.59 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.3	106.9
115	31.7	27.1	40.7

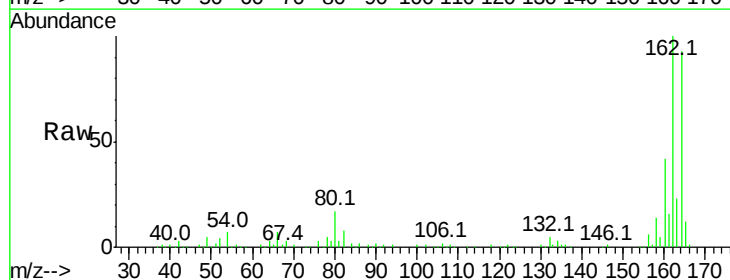


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

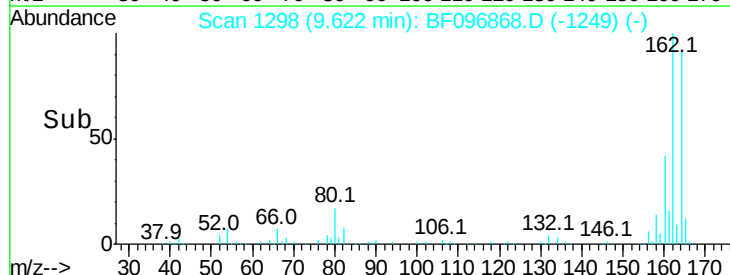
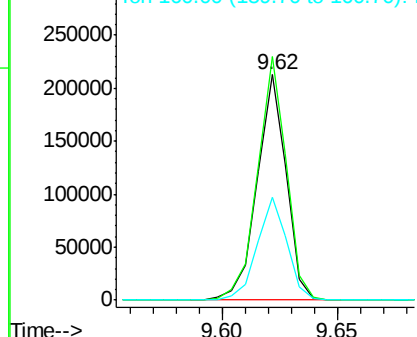


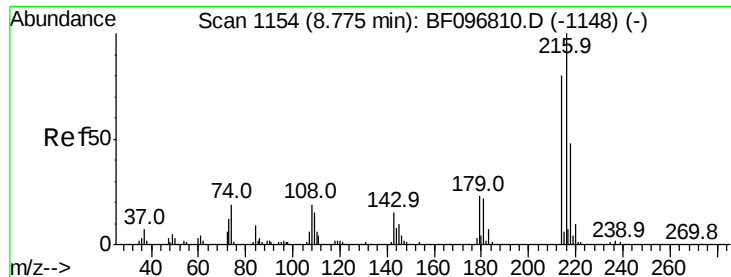
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.6	123.8
160	45.5	36.2	54.2



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

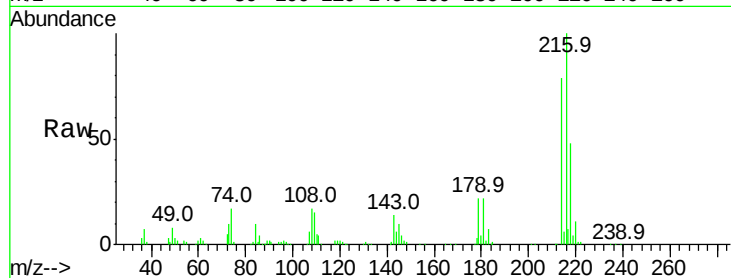




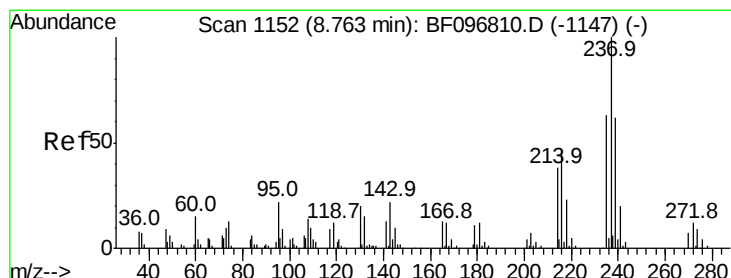
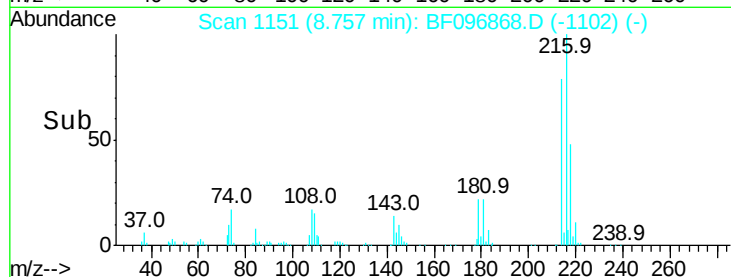
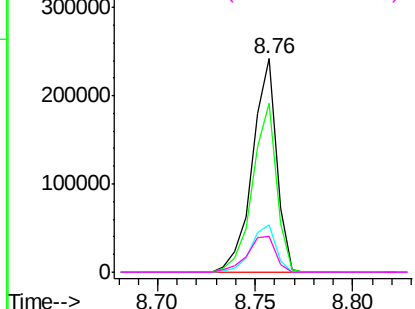
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.285 ng
 RT: 8.76 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	207778
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	22.9	17.9	26.9
108	19.7	16.5	24.7

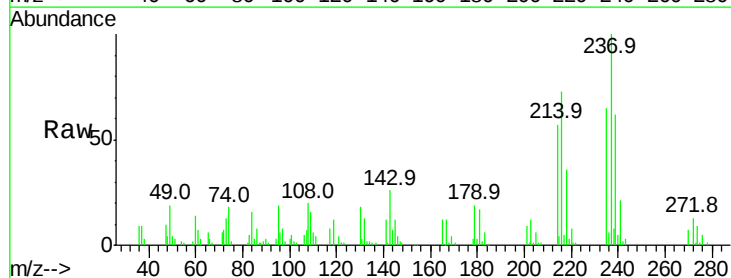


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

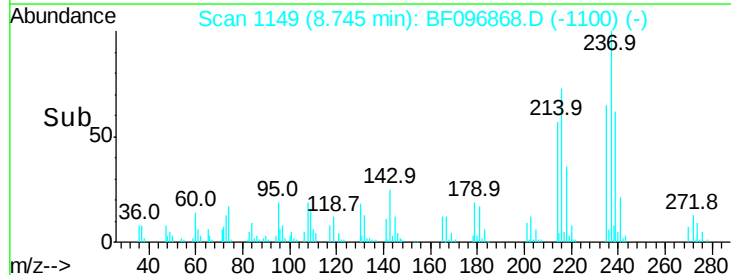
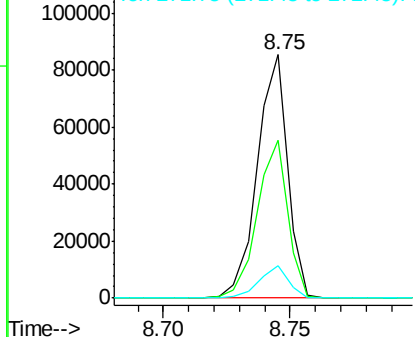


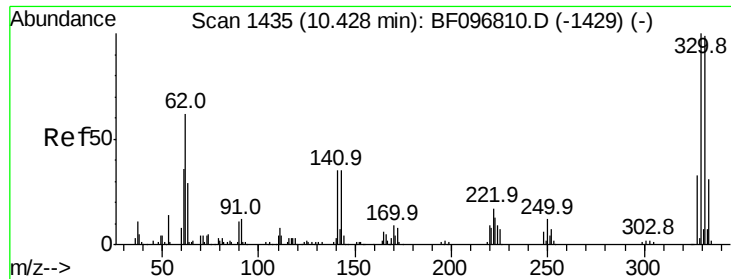
#40
 Hexachlorocyclopentadiene
 Concen: 40.401 ng
 RT: 8.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:	237	Resp:	71494
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.6	82.6
272	13.3	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

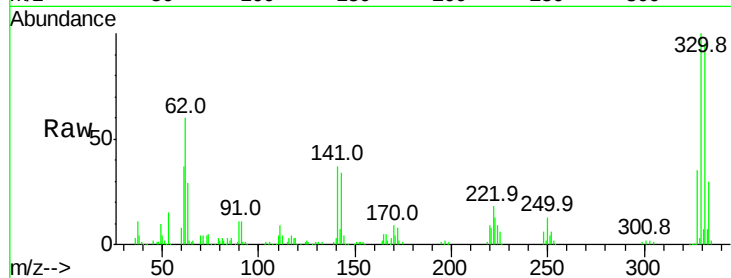




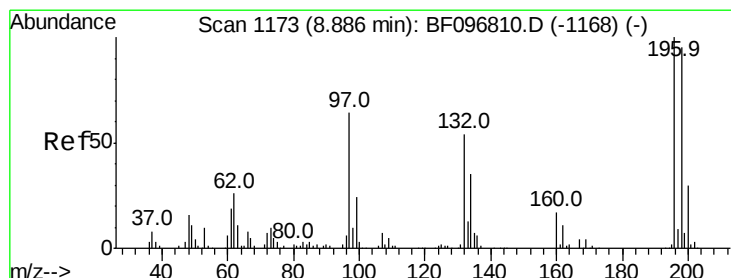
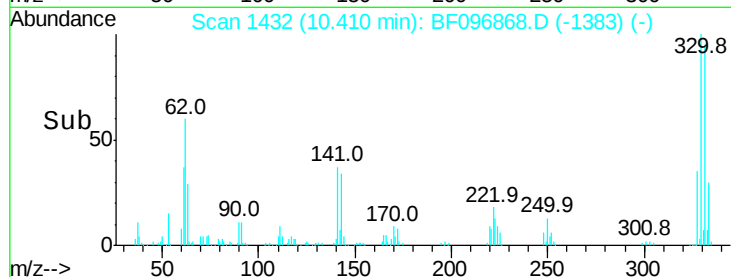
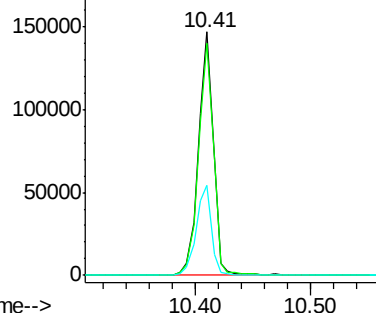
#41
 2,4,6-Tribromophenol
 Concen: 82.576 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 131228
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.5 31.4 47.2

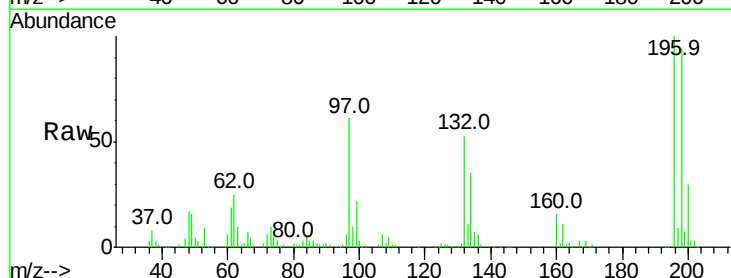


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

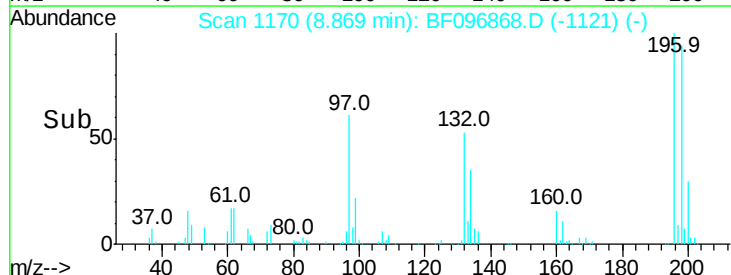
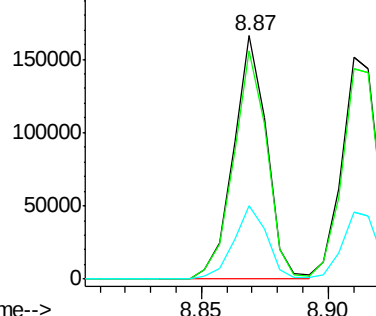


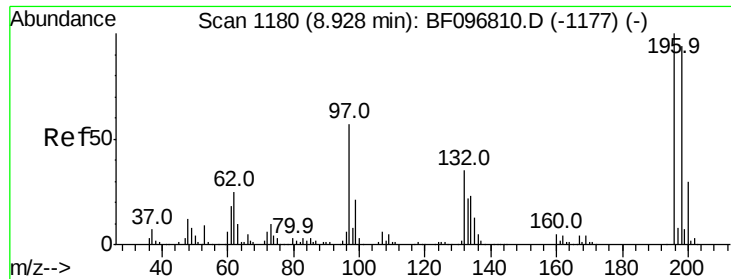
#42
 2,4,6-Trichlorophenol
 Concen: 40.636 ng
 RT: 8.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:196 Resp: 150854
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.2 111.4
 200 30.2 24.0 36.0



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

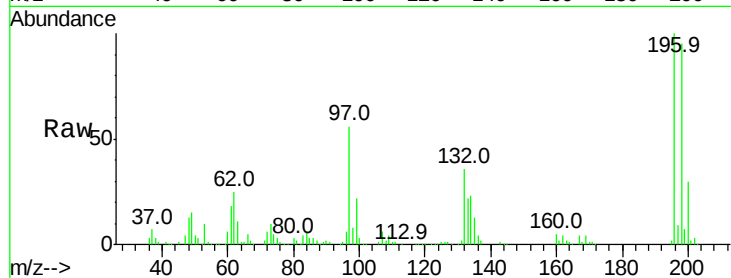




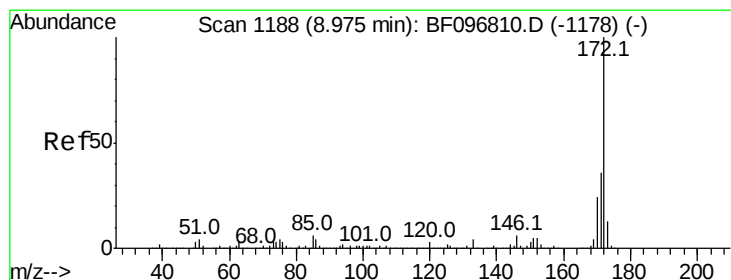
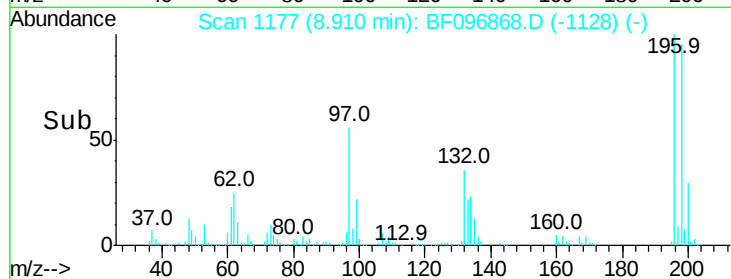
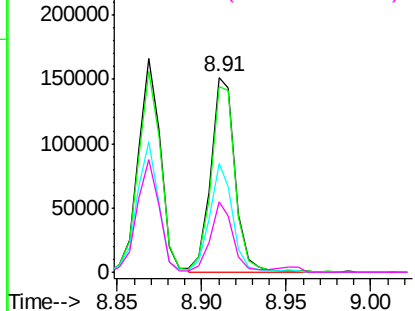
#43
 2,4,5-Trichlorophenol
 Concen: 40.766 ng
 RT: 8.91 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 152631
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 56.2 47.7 71.5
 132 35.9 28.0 42.0

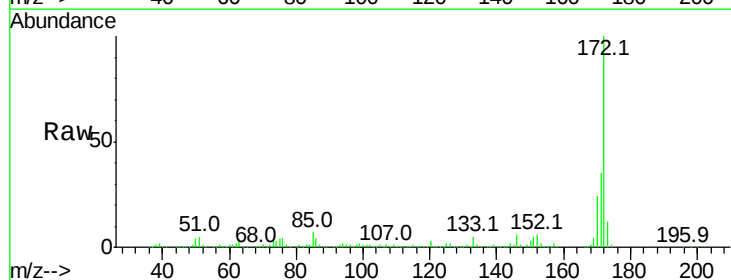


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

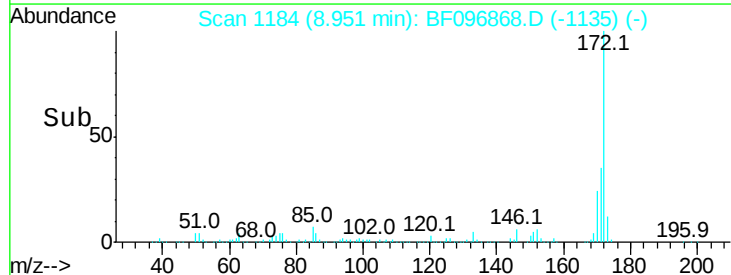
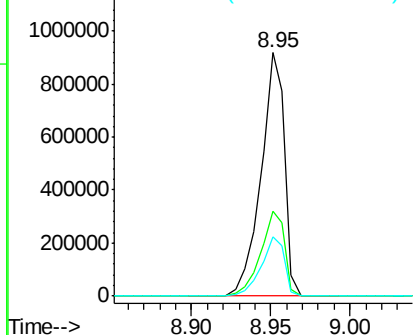


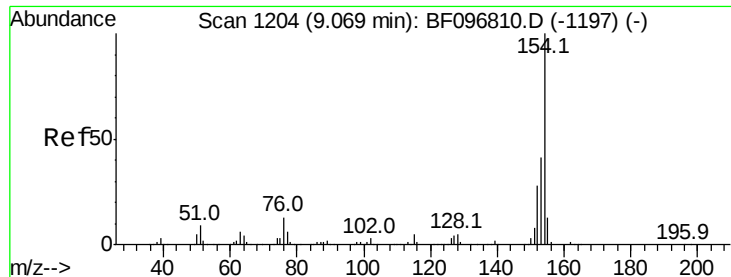
#44
 2-Fluorobiphenyl
 Concen: 80.662 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:172 Resp: 950519
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.4 19.8 29.8



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

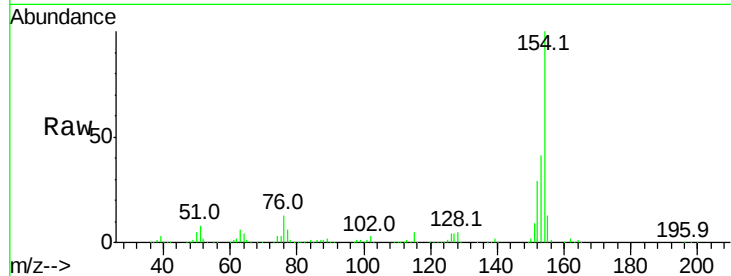




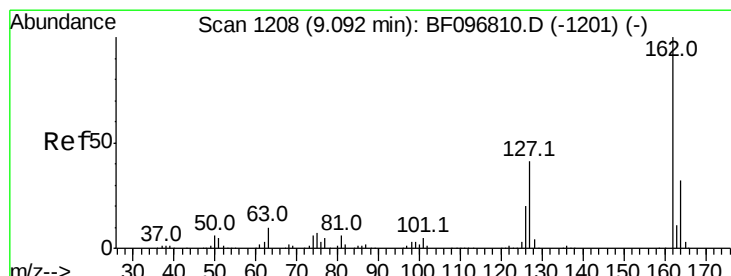
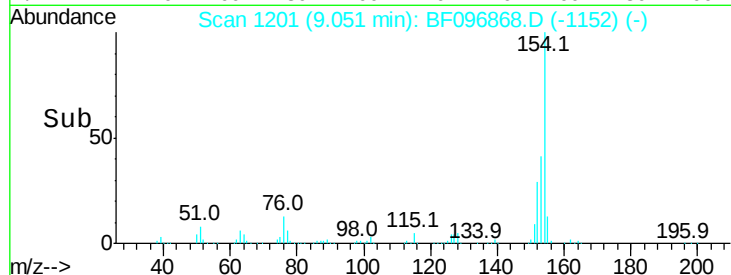
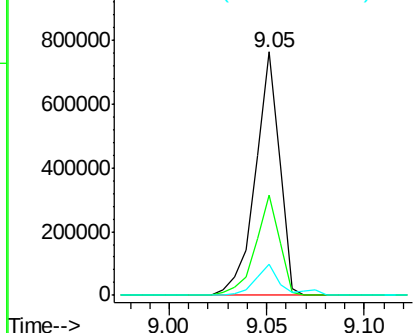
#45
 1,1'-Biphenyl
 Concen: 40.840 ng
 RT: 9.05 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 652104
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.2 61.2
 76 12.6 0.0 29.9

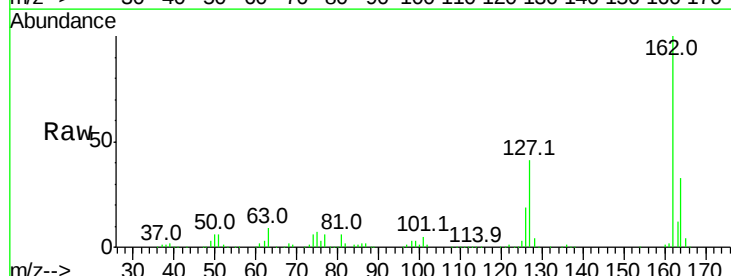


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

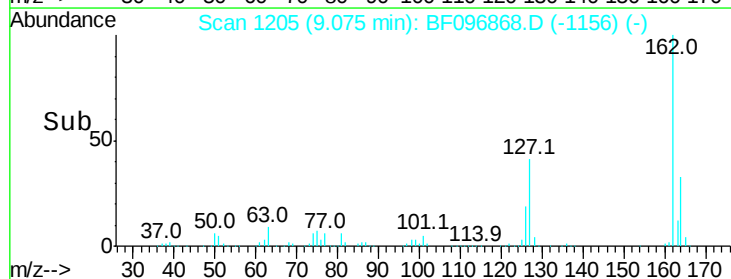
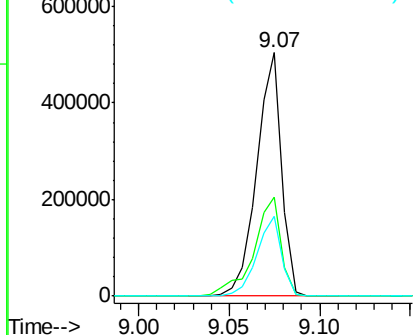


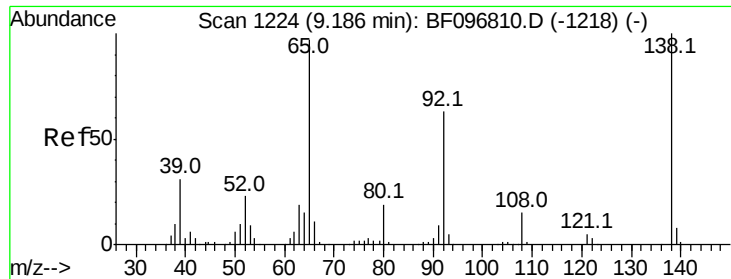
#46
 2-Chloronaphthalene
 Concen: 40.717 ng
 RT: 9.07 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:162 Resp: 478730
 Ion Ratio Lower Upper
 162 100
 127 40.7 28.3 42.5
 164 32.8 27.0 40.4



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

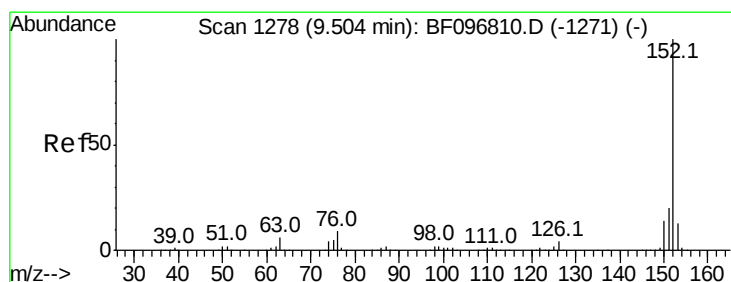
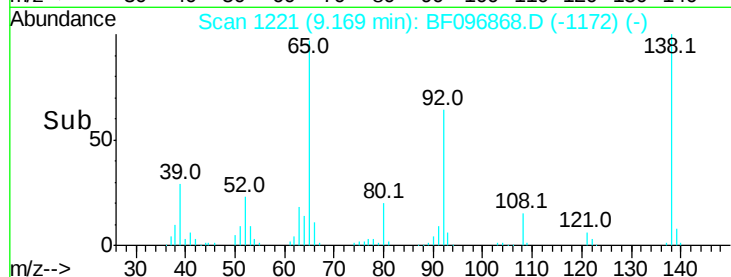
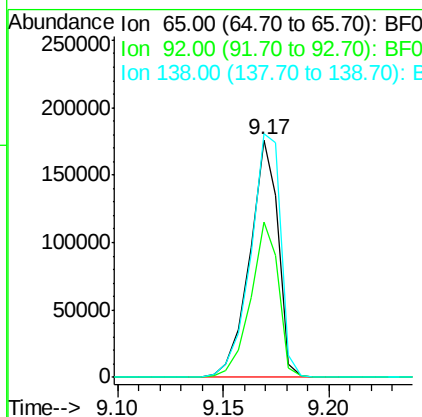
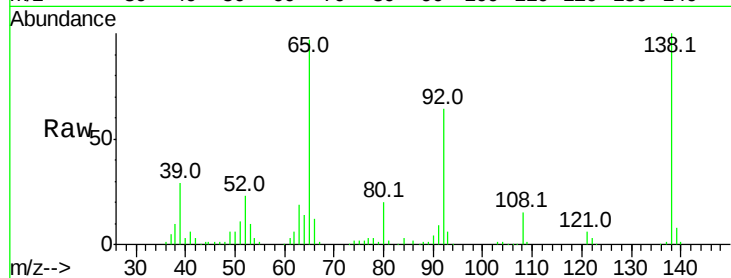




#47
2-Nitroaniline
Concen: 40.711 ng
RT: 9.17 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

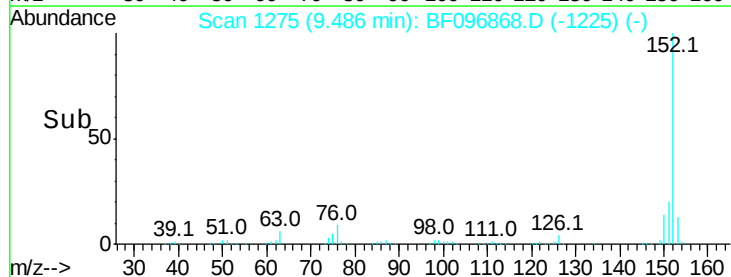
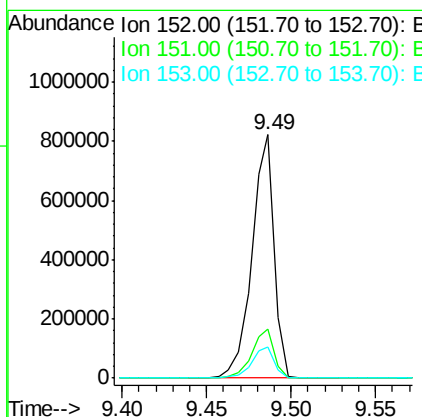
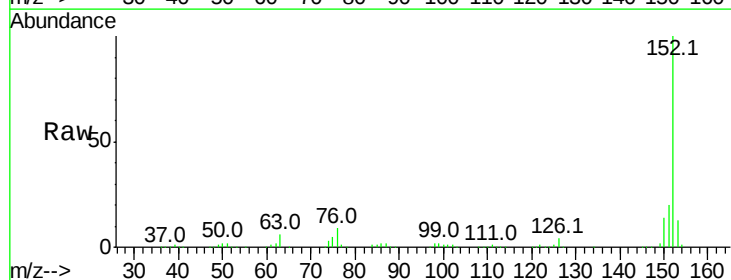
Instrument :
BNA_F
ClientSampled :

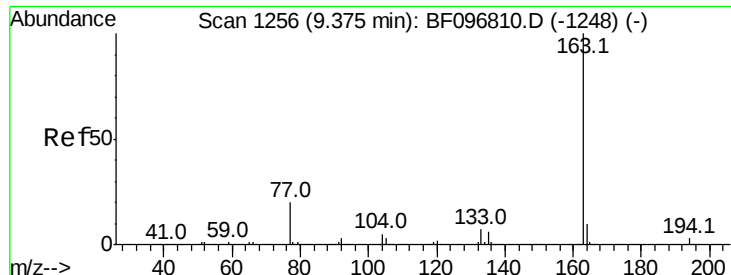
Tot Ion: 65 Resp: 164534
Ion Ratio Lower Upper
65 100
92 65.2 53.9 80.9
138 102.6 78.8 118.2



#48
Acenaphthylene
Concen: 40.217 ng
RT: 9.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion: 152 Resp: 753420
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 12.7 10.8 16.2

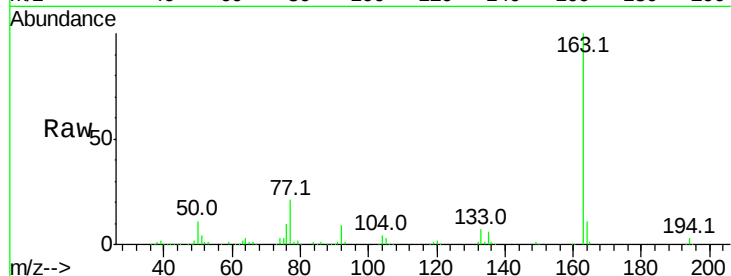




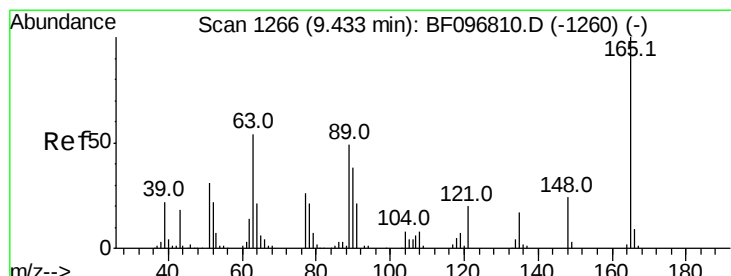
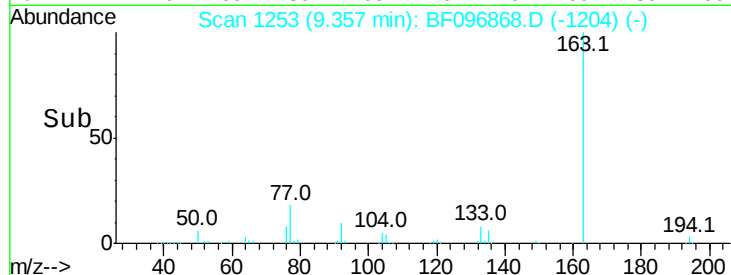
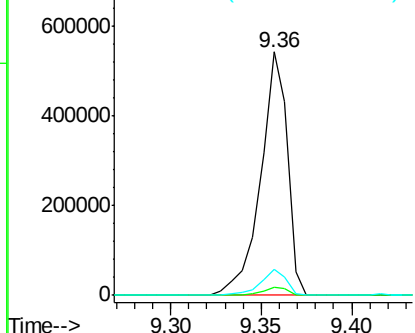
#49
Dimethylphthalate
Concen: 39.647 ng
RT: 9.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 555788
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.4 12.6

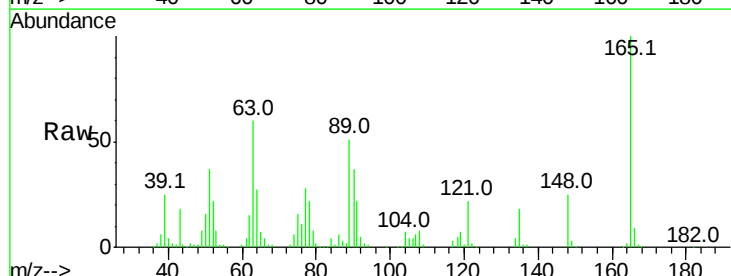


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

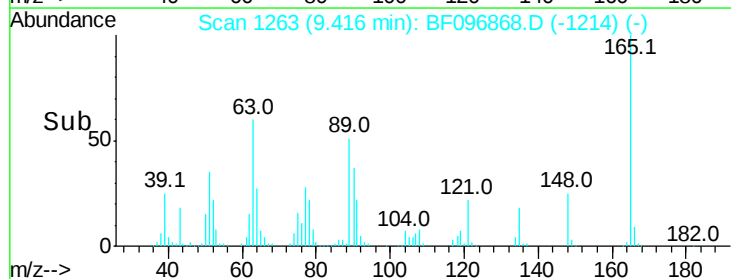
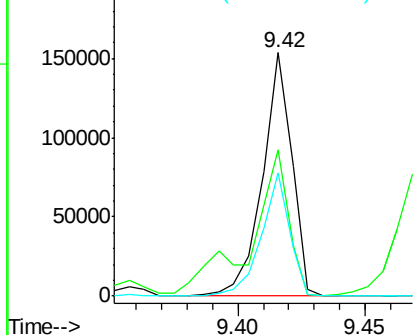


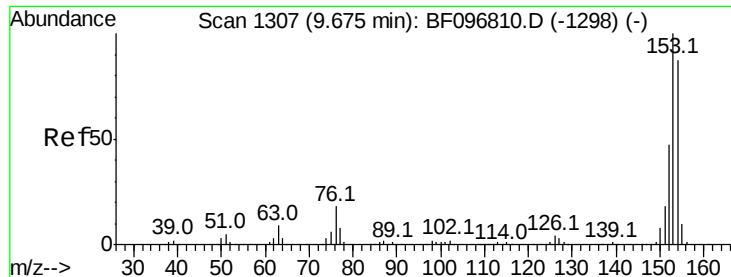
#50
2,6-Dinitrotoluene
Concen: 41.342 ng
RT: 9.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:165 Resp: 125530
Ion Ratio Lower Upper
165 100
63 60.2 34.3 51.5#
89 50.7 37.1 55.7



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





#51

Acenaphthene

Concen: 39.117 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

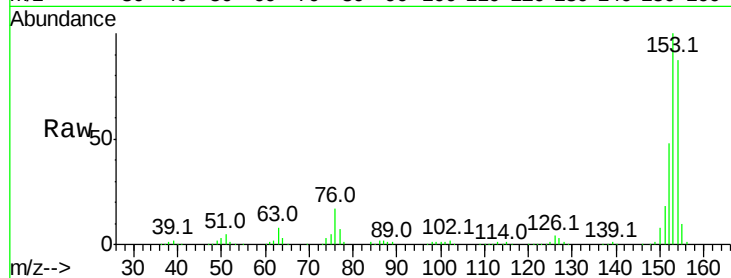
Tot Ion:154 Resp: 432894

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

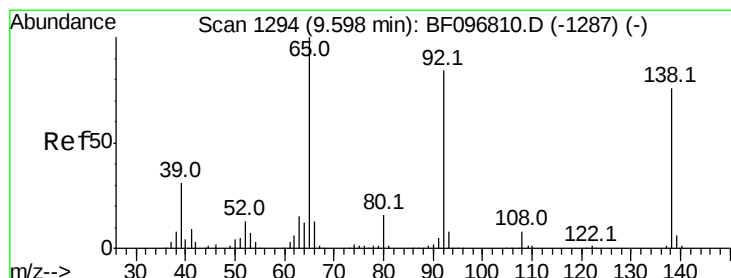
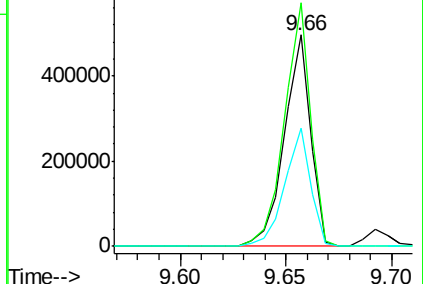
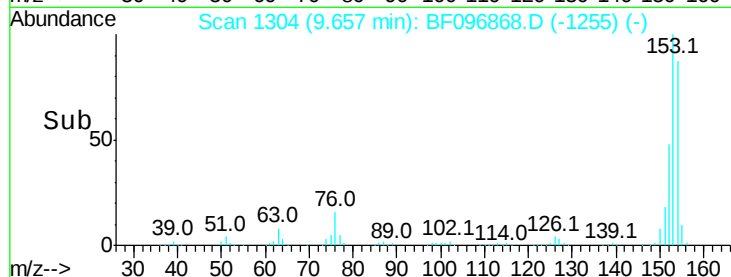
152 55.8 43.6 65.4



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: 41.752 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

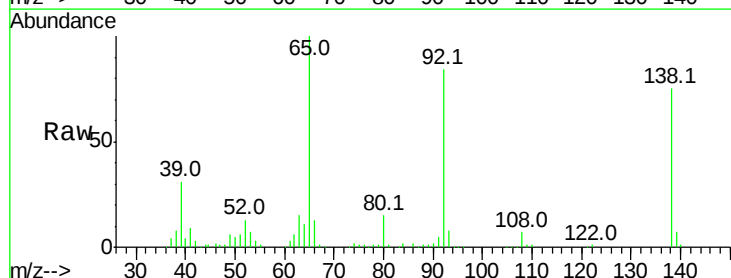
Tgt Ion:138 Resp: 150186

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

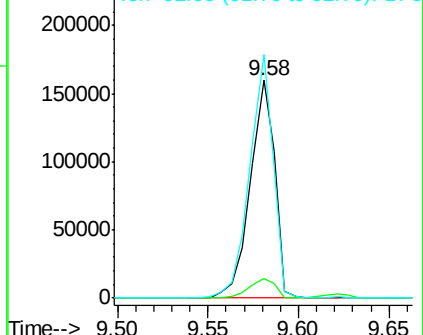
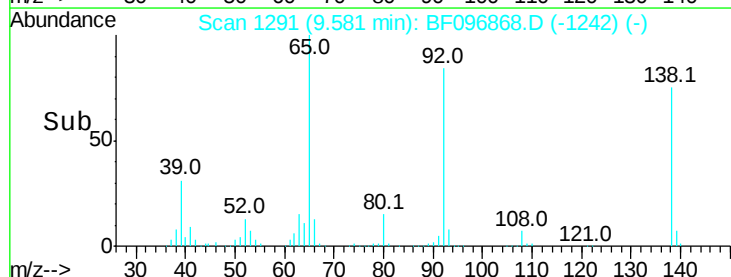
92 111.8 93.8 140.6

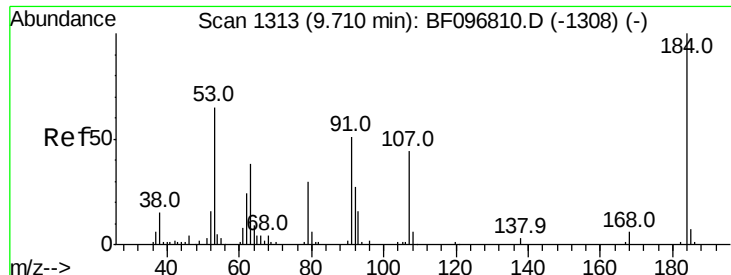


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

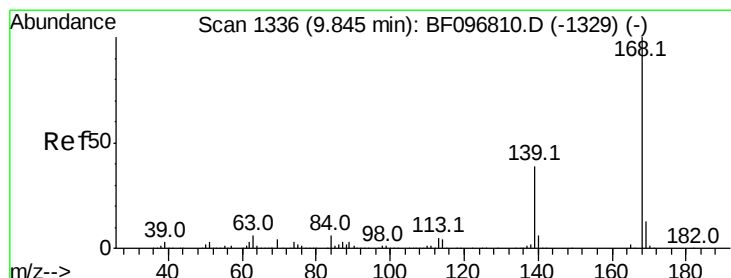
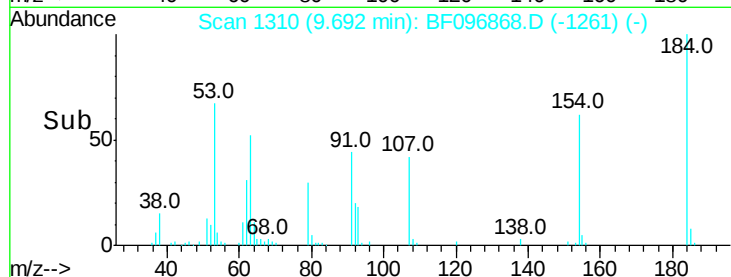
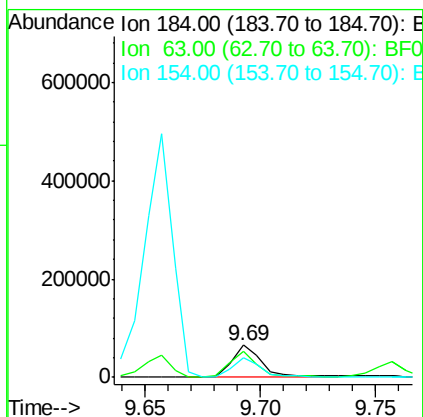
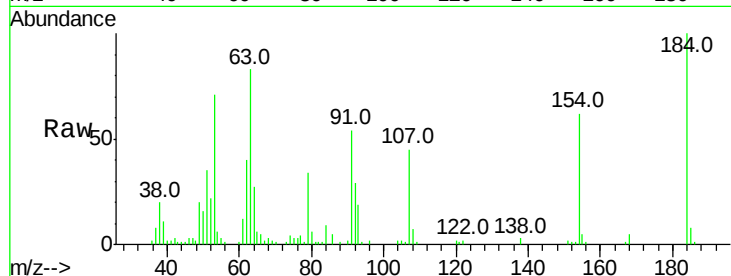




#53
 2,4-Dinitrophenol
 Concen: 42.837 ng
 RT: 9.69 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

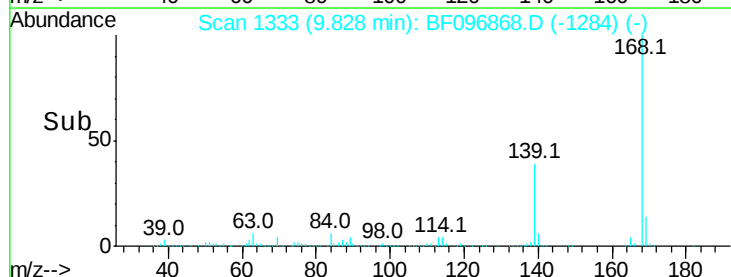
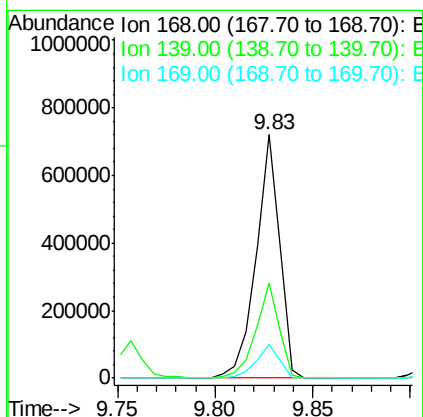
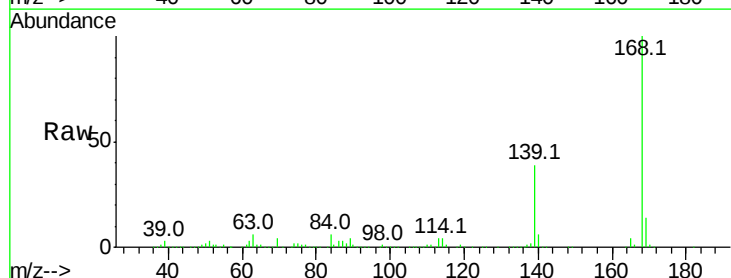
Instrument :
 BNA_F
 ClientSampleId :

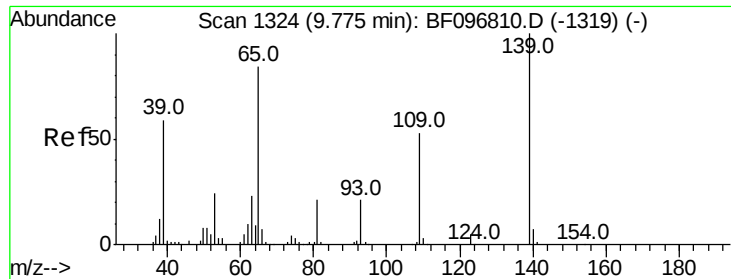
Tot Ion:184 Resp: 59263
 Ion Ratio Lower Upper
 184 100
 63 82.6 62.7 94.1
 154 61.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.707 ng
 RT: 9.83 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:168 Resp: 600279
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 37.185 ng

RT: 9.76 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

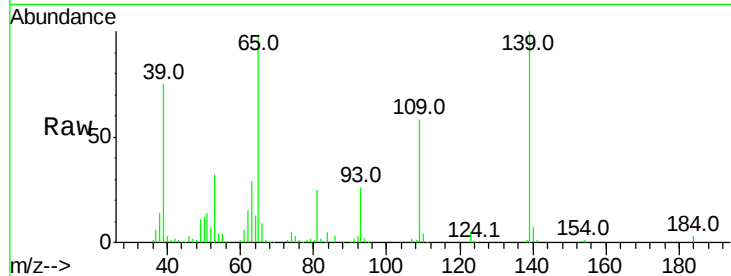
Tot Ion:139 Resp: 97719

Ion Ratio Lower Upper

139 100

109 57.5 34.1 74.1

65 98.4 31.4 71.4#

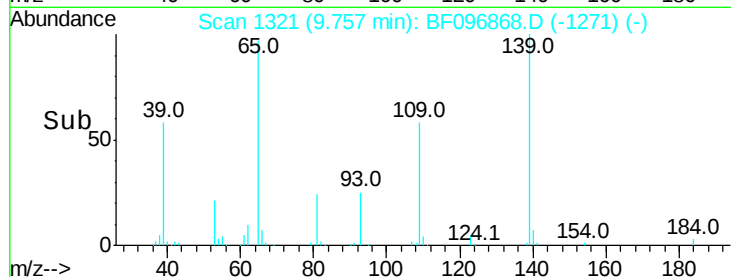


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time--> 9.70 9.75 9.80

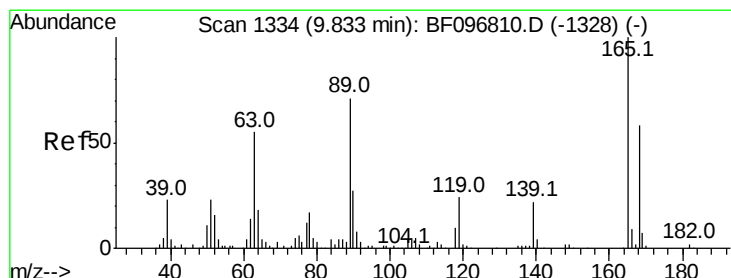


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time--> 9.70 9.75 9.80



#56

2,4-Dinitrotoluene

Concen: 40.094 ng

RT: 9.82 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Tgt Ion:165 Resp: 156437

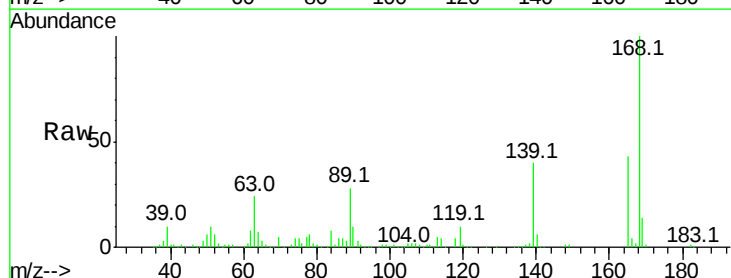
Ion Ratio Lower Upper

165 100

63 57.2 25.4 38.0#

89 65.5 46.4 69.6

182 2.4 1.8 2.6



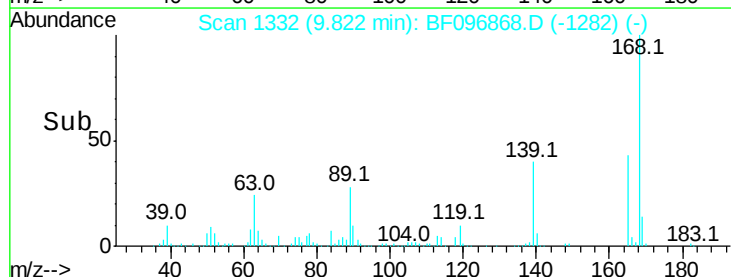
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 9.75 9.80 9.85



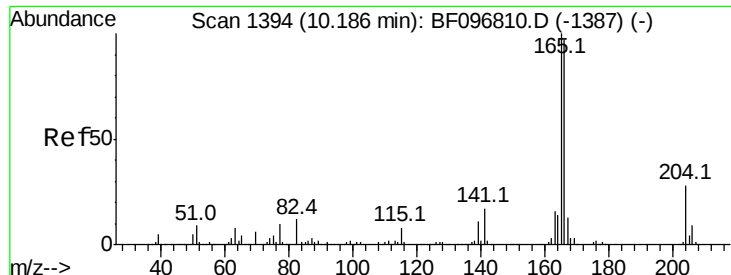
Abundance Ion 165.00 (164.70 to 165.70): E

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

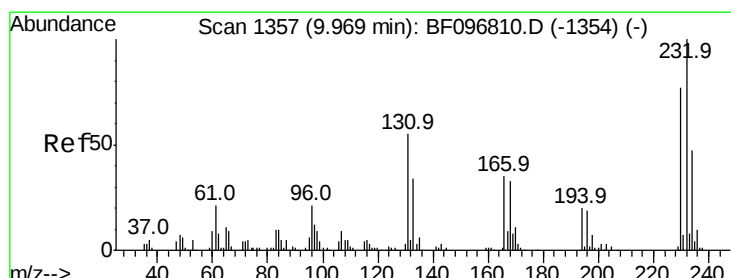
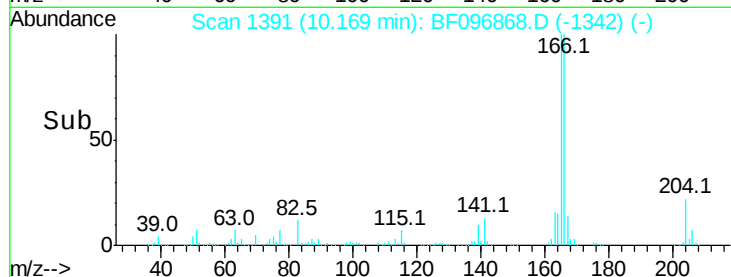
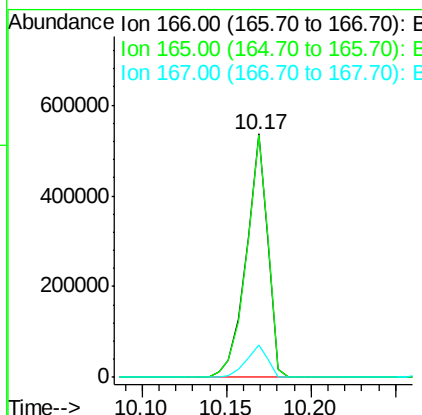
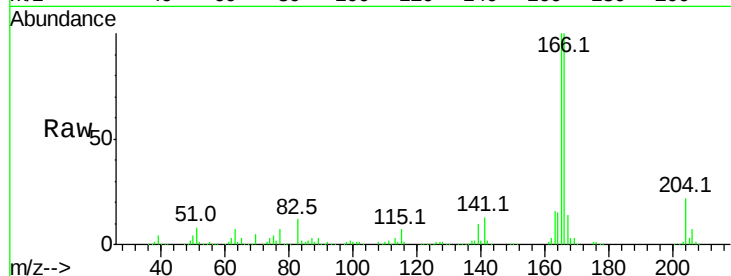
Time--> 9.75 9.80 9.85



#57
Fluorene
 Concen: 41.602 ng
 RT: 10.17 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

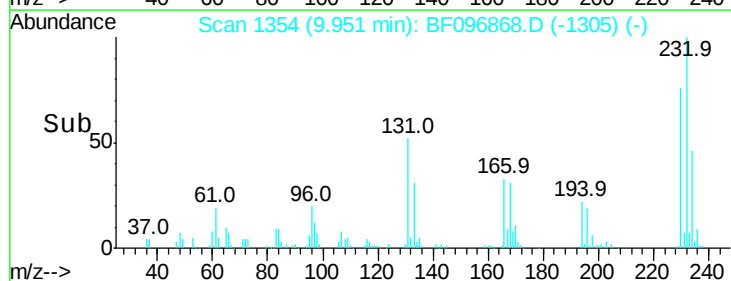
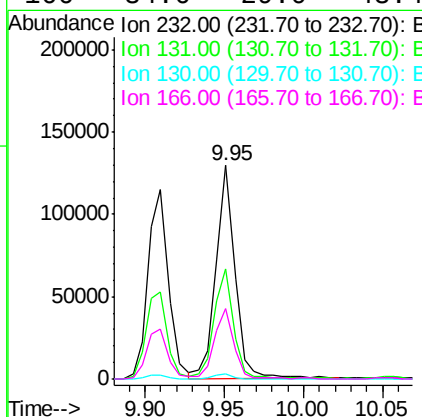
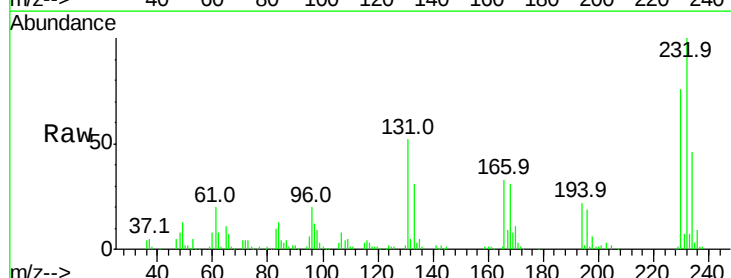
Instrument :
 BNA_F
 ClientSampleId :

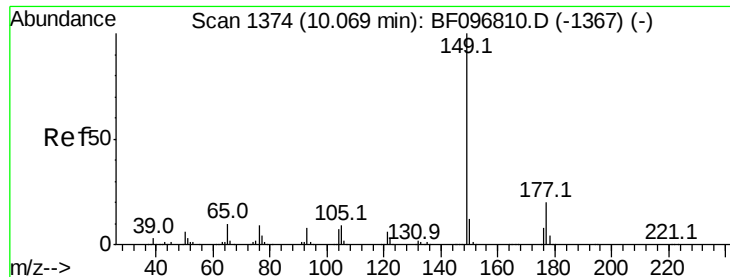
Tot Ion:166 Resp: 476755
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.5 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.705 ng
 RT: 9.95 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:232 Resp: 108292
 Ion Ratio Lower Upper
 232 100
 131 54.2 44.8 67.2
 130 2.4 2.3 3.5
 166 34.6 29.0 43.4

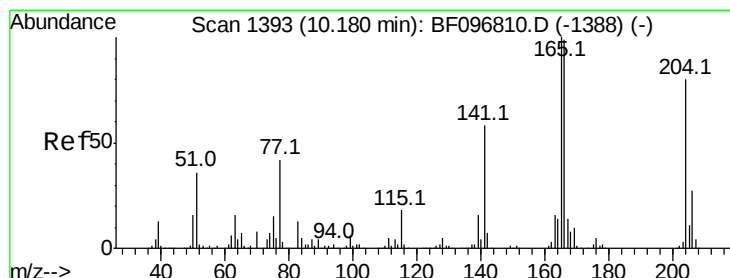
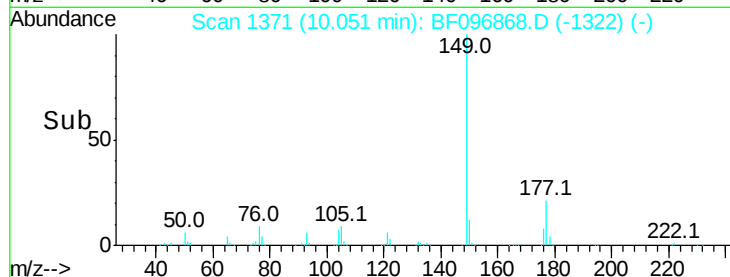
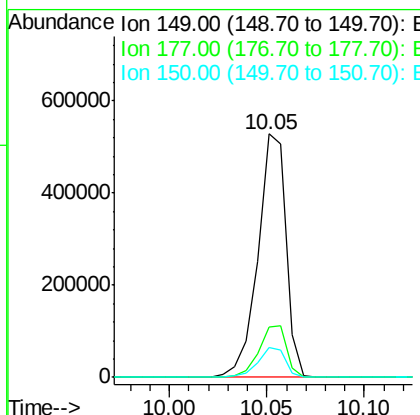
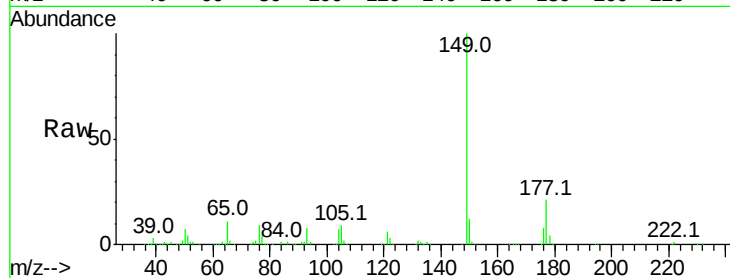




#59
Diethylphthalate
Concen: 38.686 ng
RT: 10.05 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

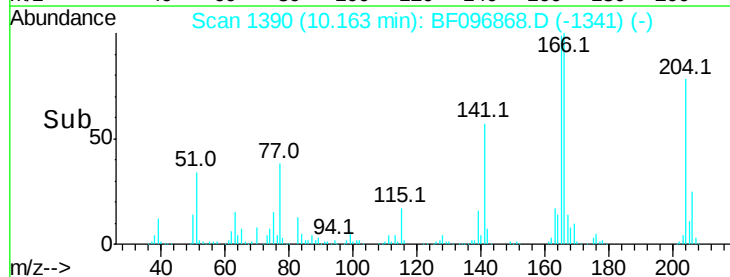
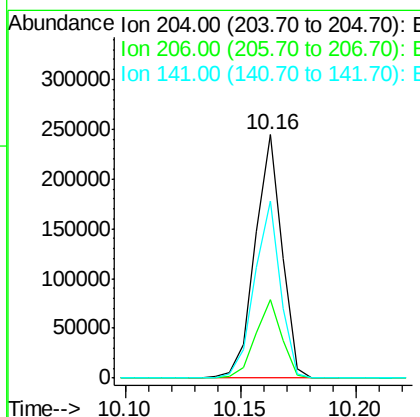
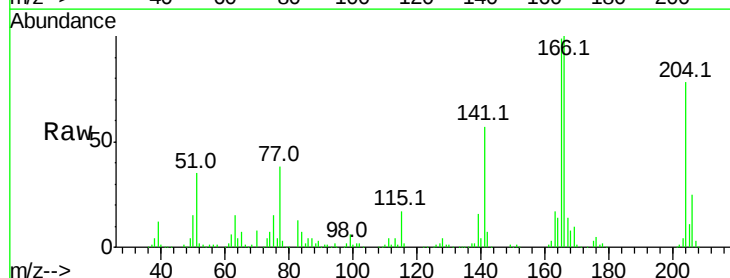
Instrument :
BNA_F
ClientSampleId :

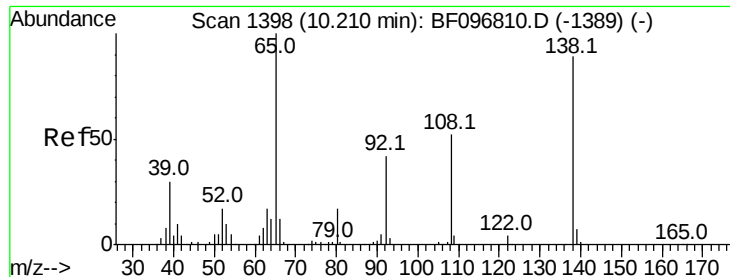
Tot Ion:149 Resp: 527944
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.667 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:204 Resp: 198083
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 72.8 60.8 91.2

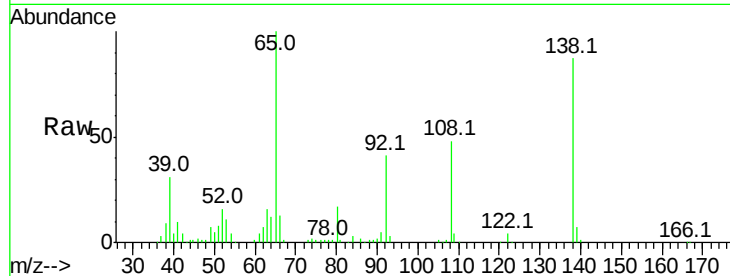




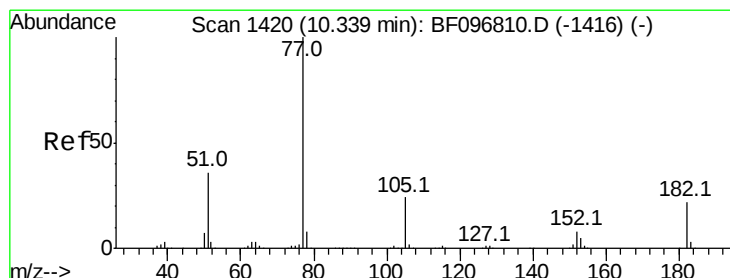
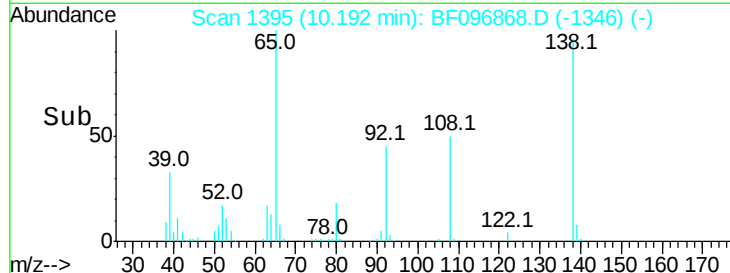
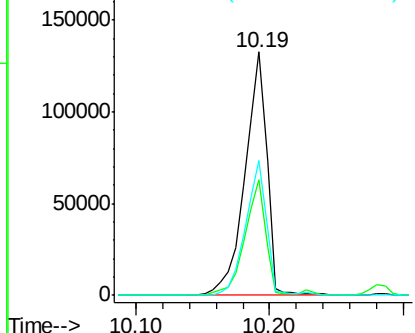
#61
4-Nitroaniline
Concen: 44.046 ng
RT: 10.19 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 148782
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 55.4 42.3 82.3

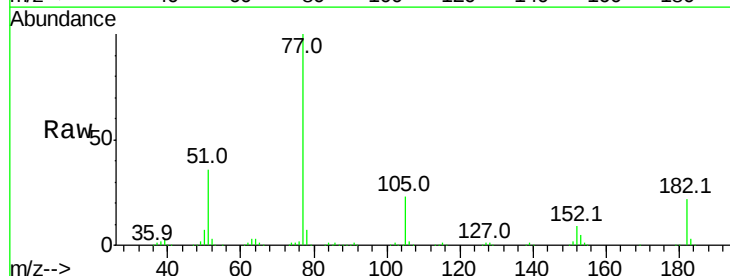


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

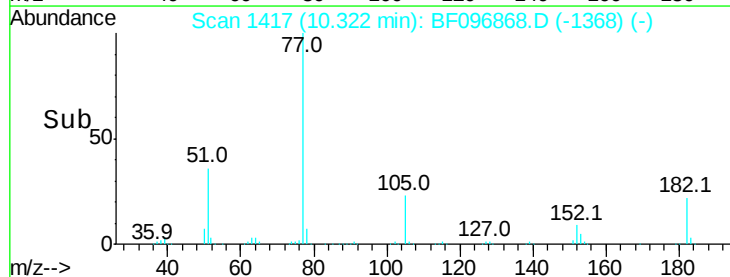
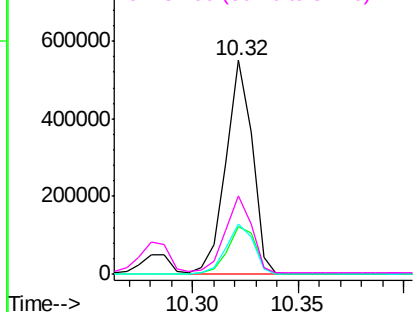


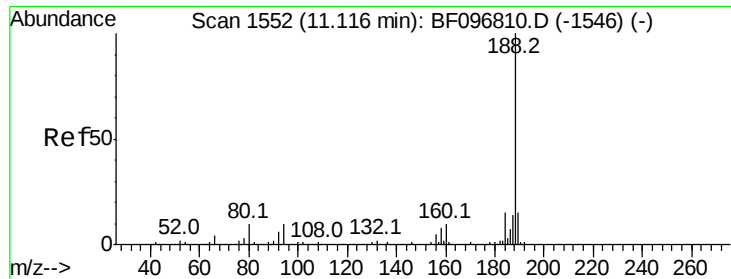
#62
Azobenzene
Concen: 39.331 ng
RT: 10.32 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion: 77 Resp: 473512
Ion Ratio Lower Upper
77 100
182 22.0 0.1 40.1
105 23.2 3.6 43.6
51 36.4 9.4 49.4



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: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

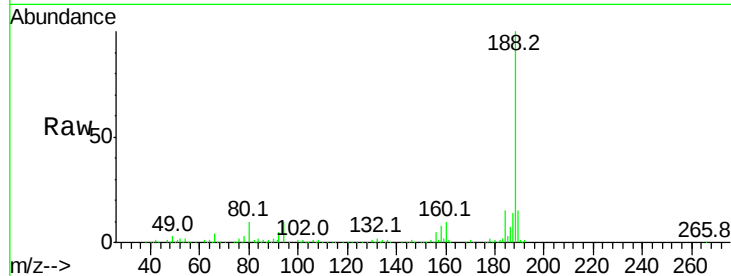
Tot Ion:188 Resp: 315700

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

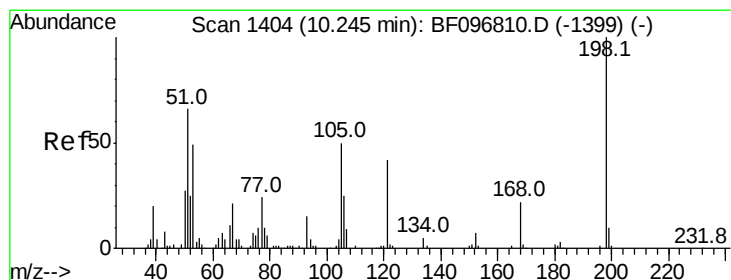
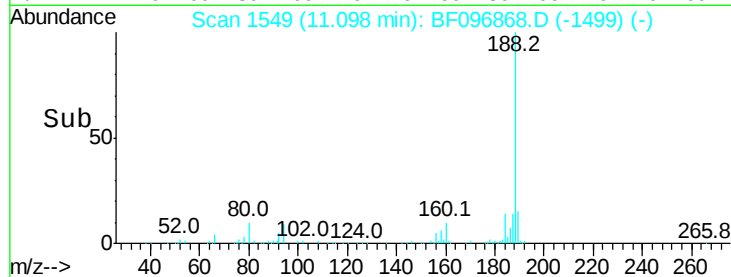
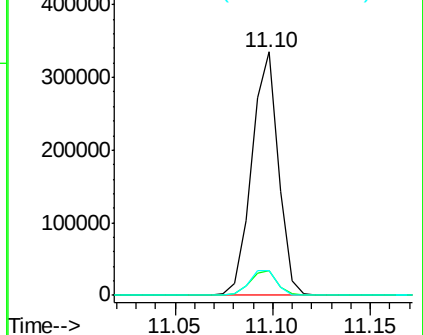
80 10.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.136 ng

RT: 10.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

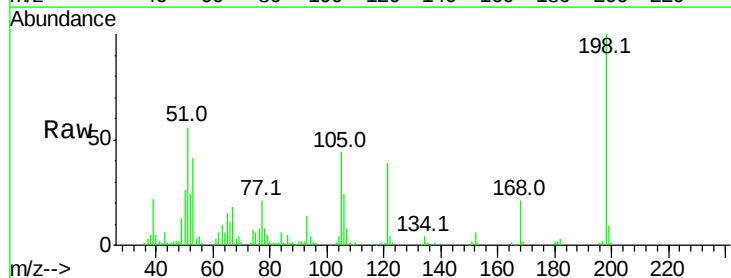
Tgt Ion:198 Resp: 87483

Ion Ratio Lower Upper

198 100

51 55.8 53.2 93.2

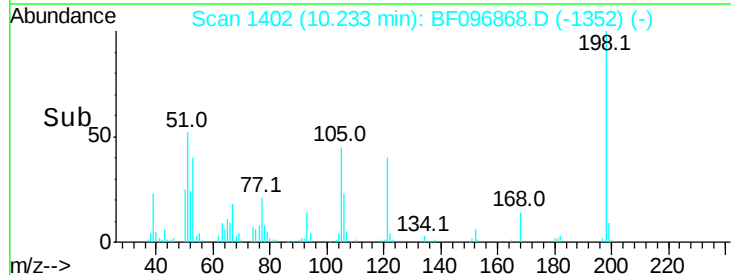
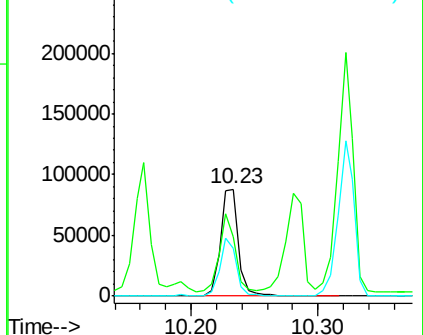
105 44.3 45.8 85.8#

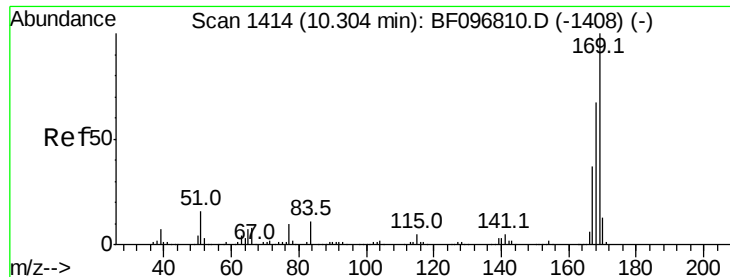


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.793 ng

RT: 10.29 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

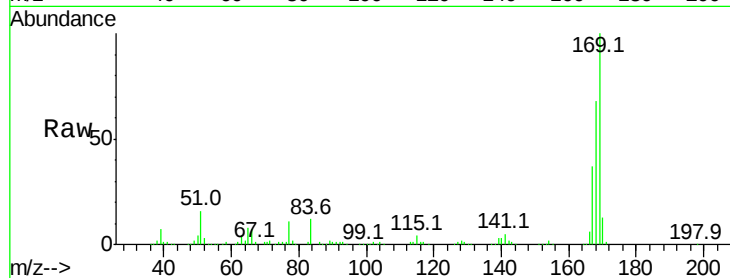
Tot Ion:169 Resp: 437778

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

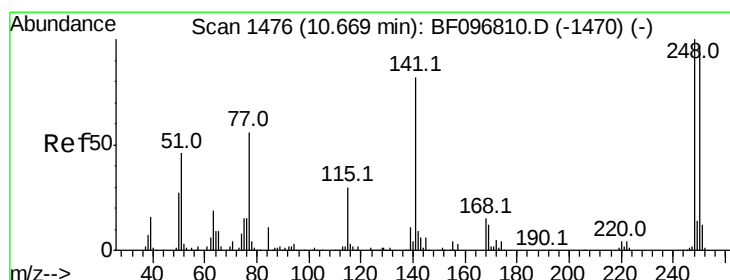
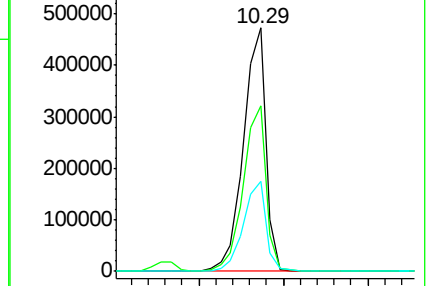
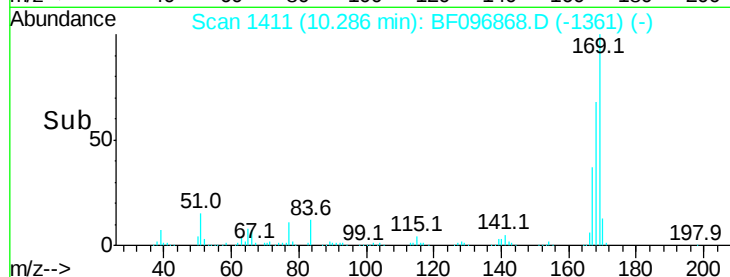
167 37.1 29.5 44.3



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: 39.863 ng

RT: 10.65 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

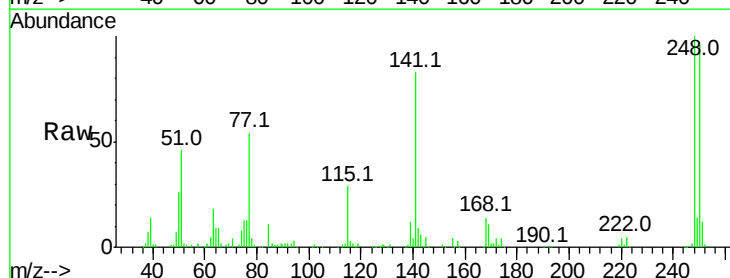
Tgt Ion:248 Resp: 128485

Ion Ratio Lower Upper

248 100

250 95.8 76.8 115.2

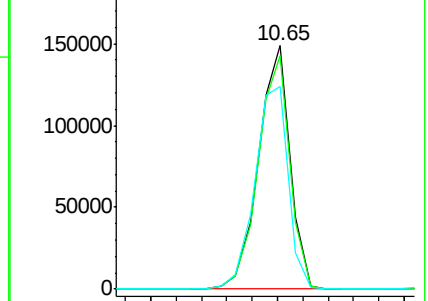
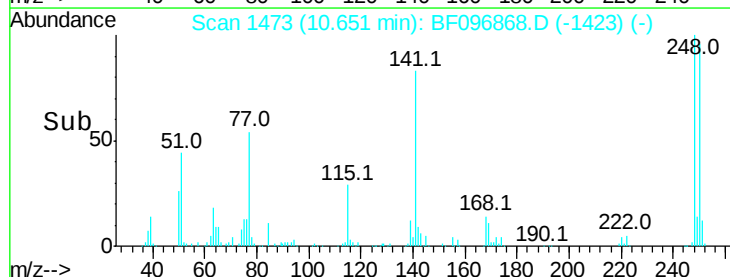
141 83.3 68.6 103.0

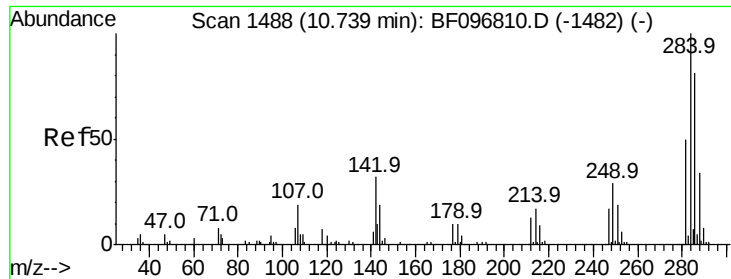


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

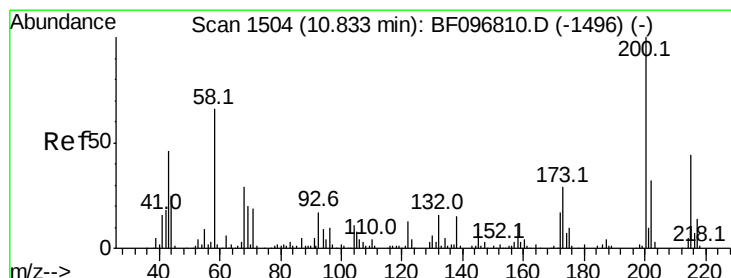
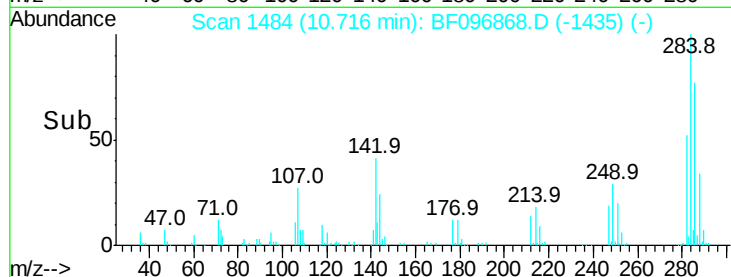
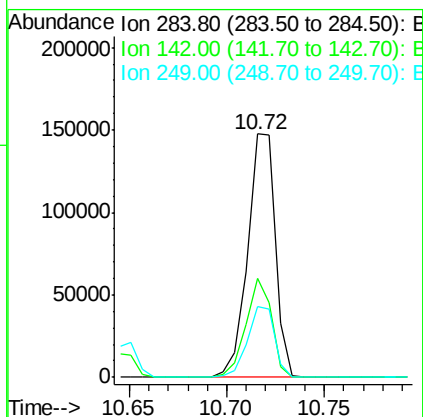
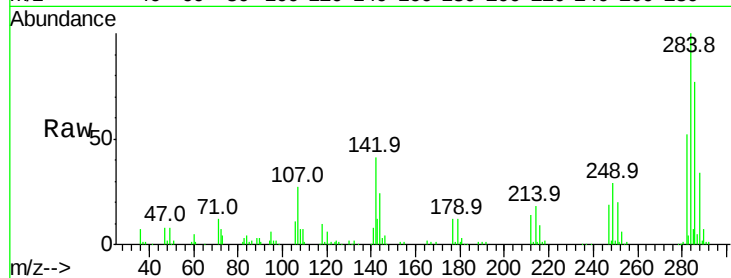




#67
Hexachlorobenzene
Concen: 40.463 ng
RT: 10.72 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

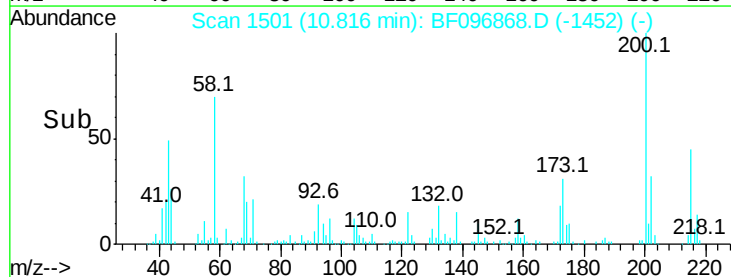
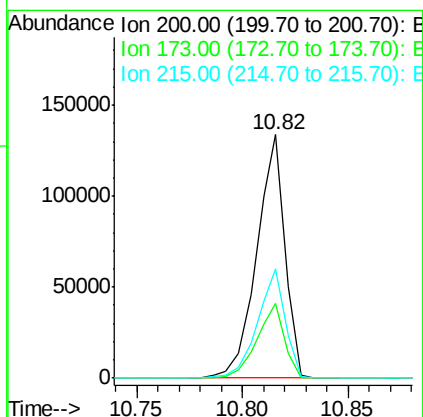
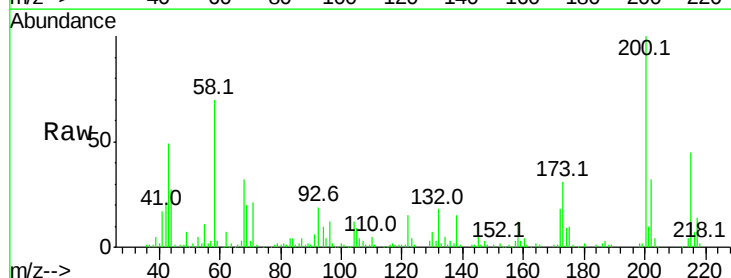
Instrument :
BNA_F
ClientSampleId :

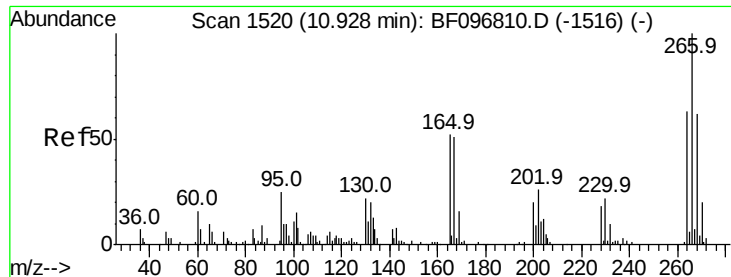
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	22.8	34.2#
249	29.2	24.0	36.0



#68
Atrazine
Concen: 38.483 ng
RT: 10.82 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.3	46.3
215	44.9	27.2	67.2

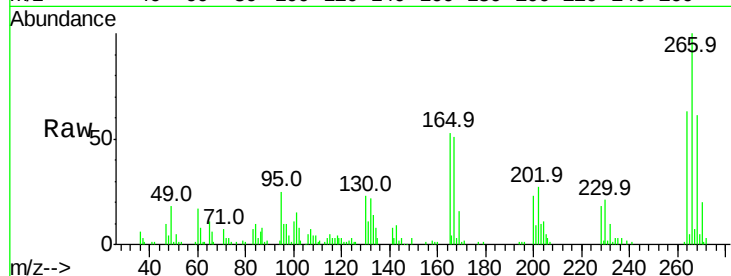




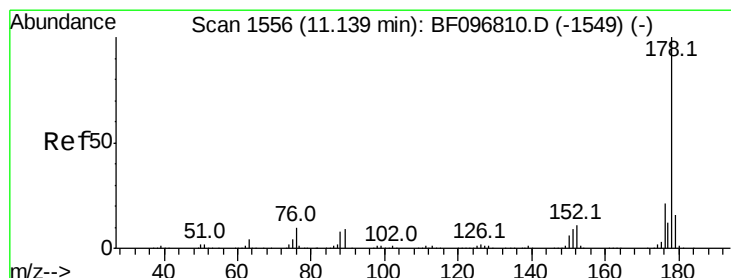
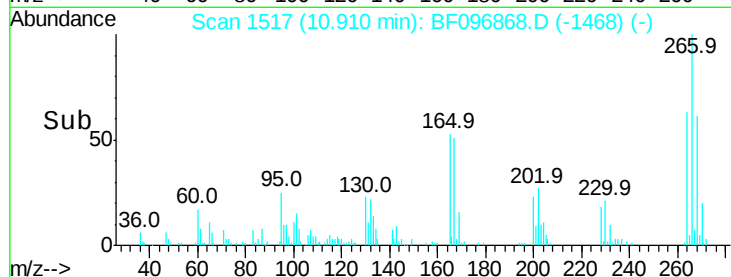
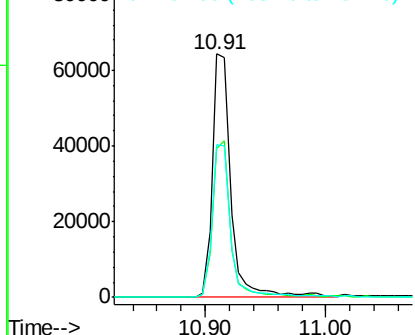
#69
 Pentachlorophenol
 Concen: 39.405 ng
 RT: 10.91 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 68337
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 63.0 51.7 77.5

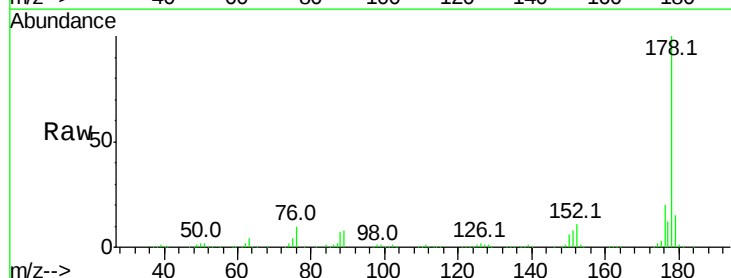


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

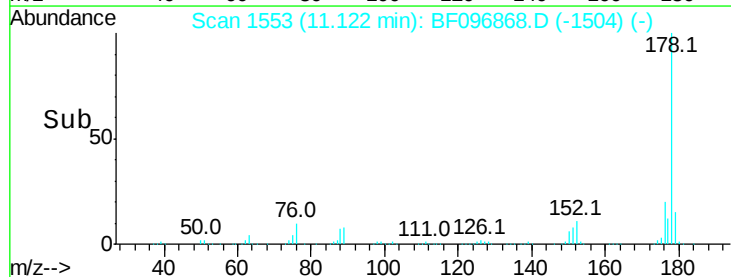
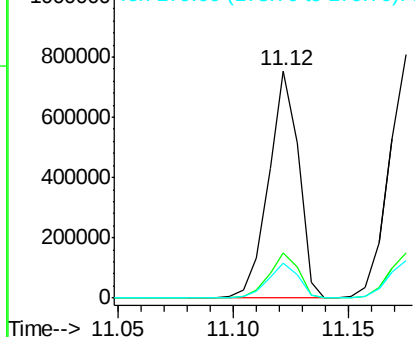


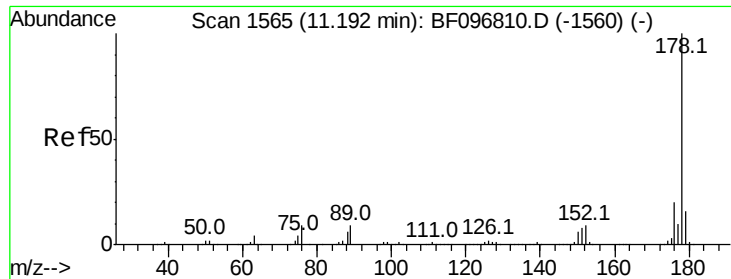
#70
 Phenanthrene
 Concen: 39.595 ng
 RT: 11.12 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:178 Resp: 679675
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.3 12.6 19.0



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

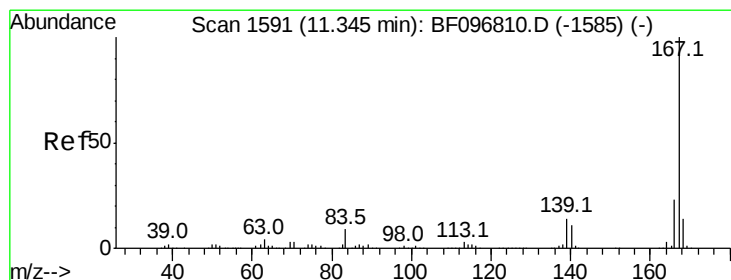
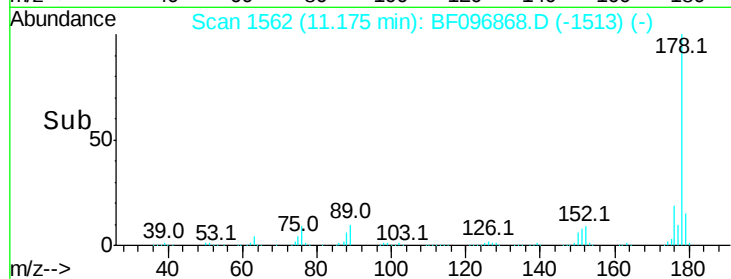
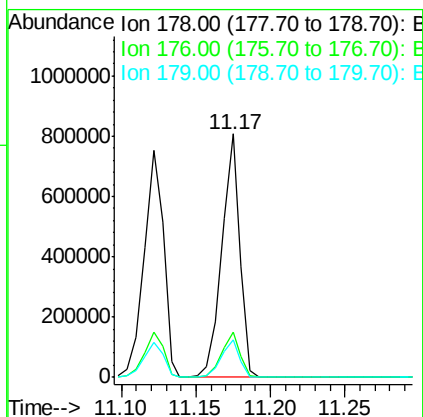
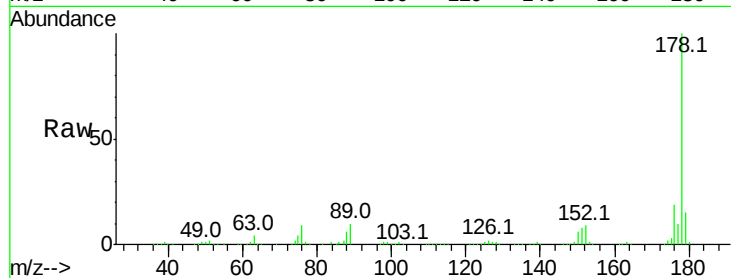




#71
 Anthracene
 Concen: 39.773 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

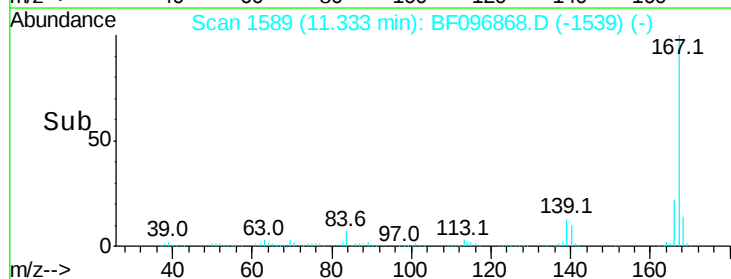
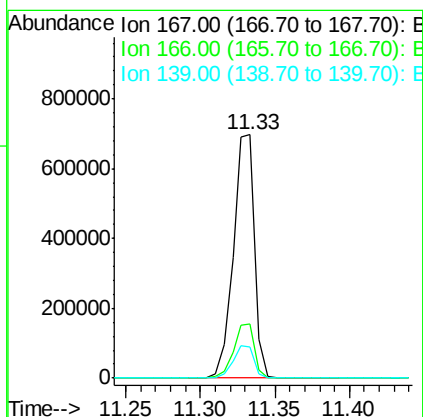
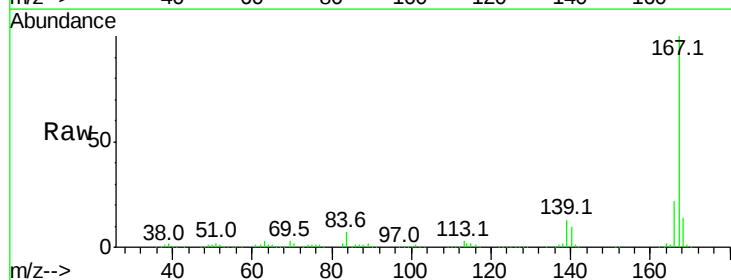
Instrument :
 BNA_F
 ClientSampled :

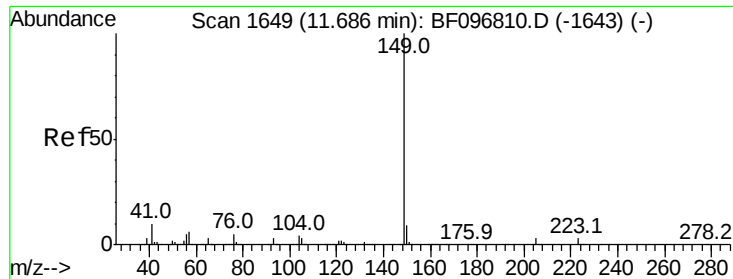
Tot Ion:178 Resp: 690289
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 41.346 ng
 RT: 11.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:167 Resp: 694906
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.693 ng

RT: 11.67 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

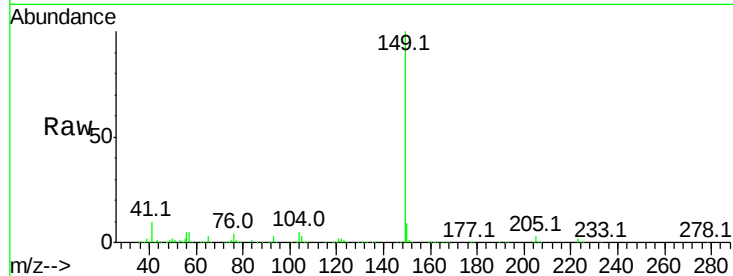
Tot Ion:149 Resp: 830827

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

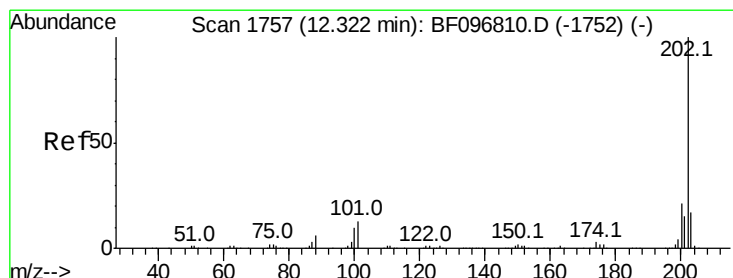
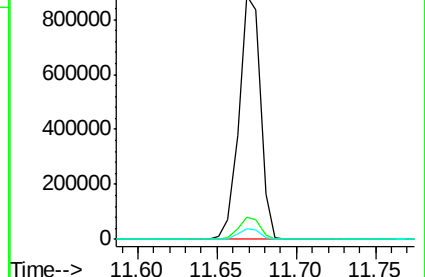
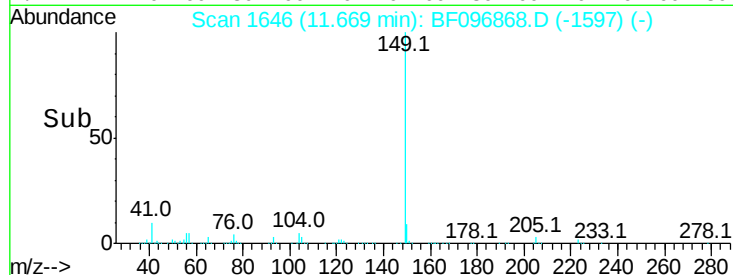
104 4.6 4.0 6.0



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: 41.732 ng

RT: 12.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

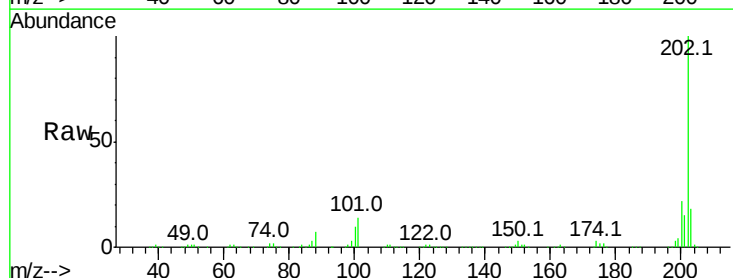
Tgt Ion:202 Resp: 685688

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

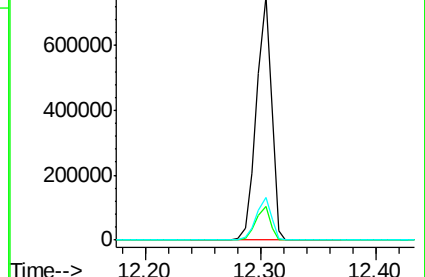
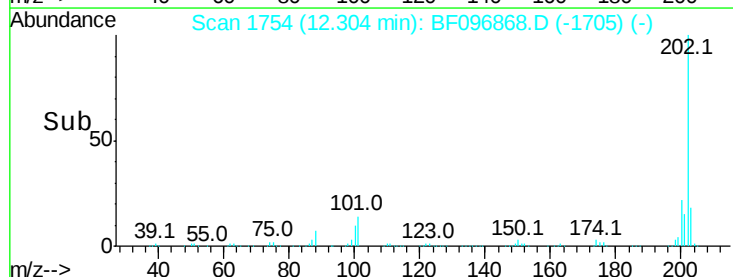
203 17.6 0.0 38.1

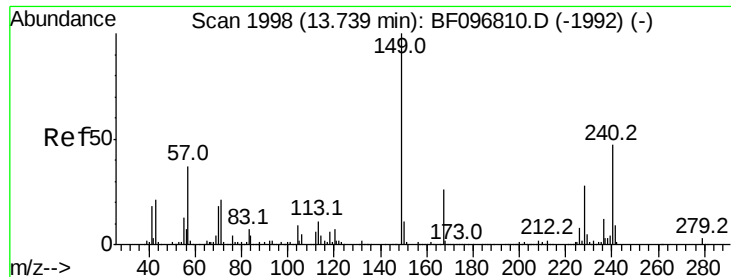


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

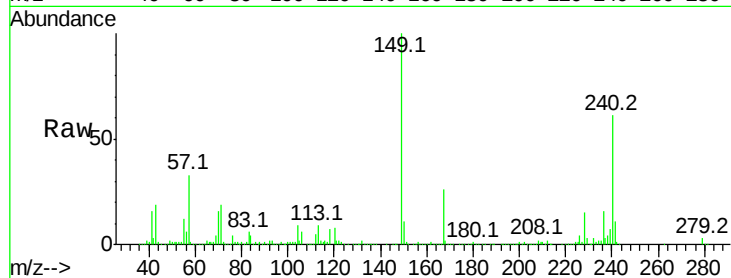
Tot Ion:240 Resp: 228709

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

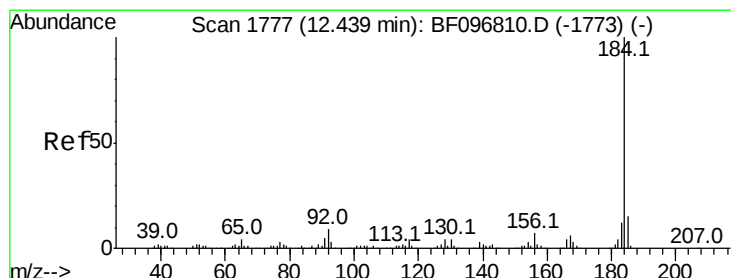
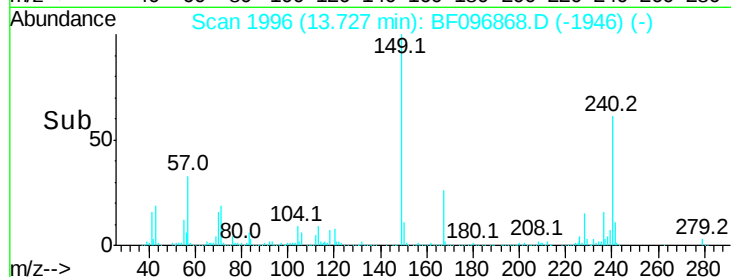
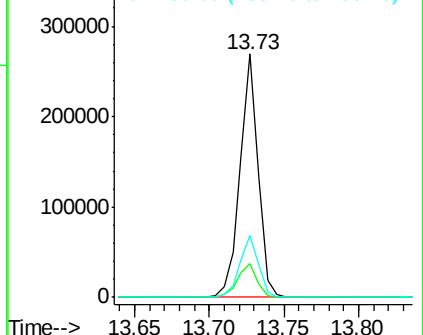
236 25.3 20.5 30.7



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: 46.588 ng

RT: 12.43 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

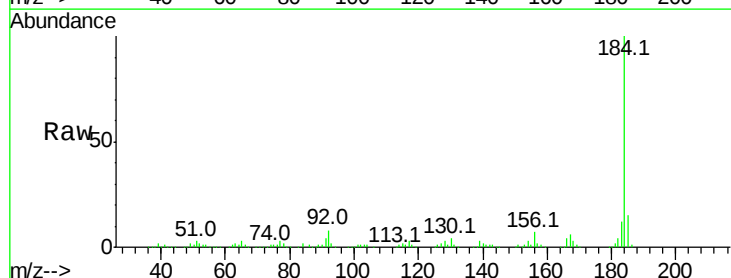
Tgt Ion:184 Resp: 349067

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

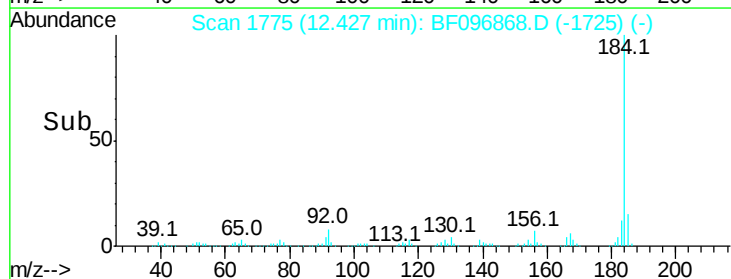
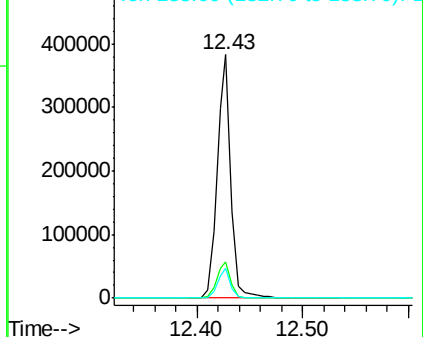
183 12.3 9.8 14.6

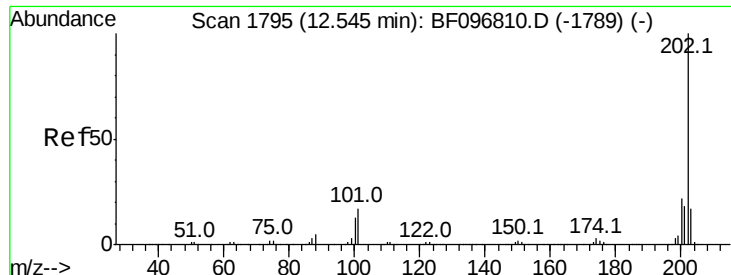


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

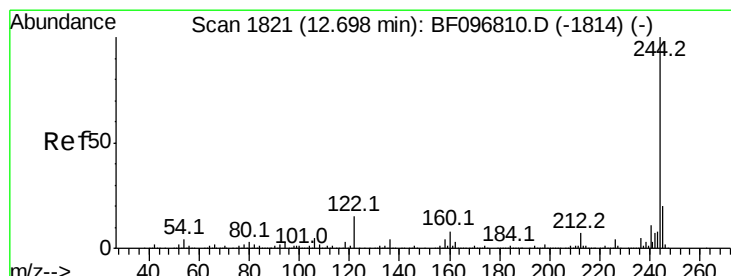
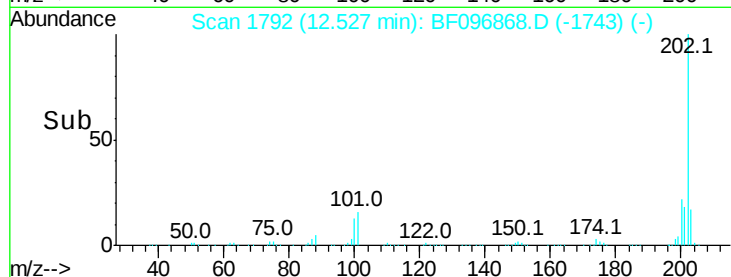
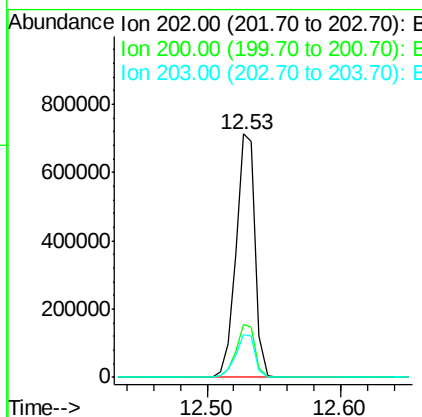
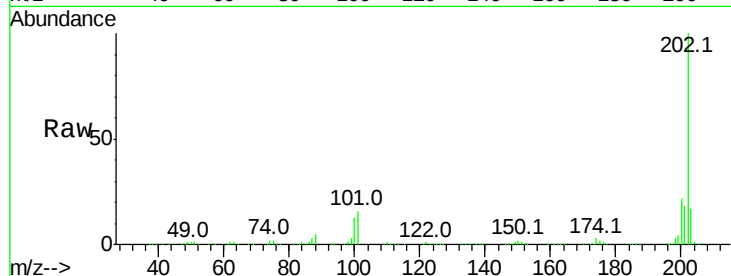




#77
Pvrene
Concen: 34.304 ng
RT: 12.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

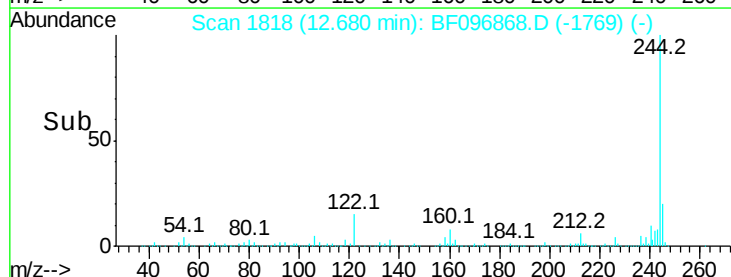
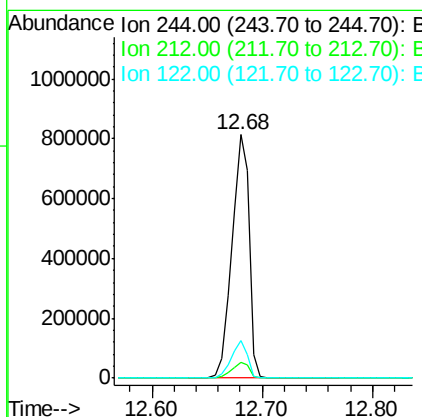
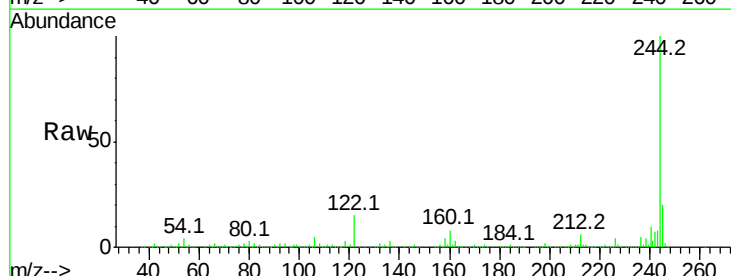
Instrument :
BNA_F
ClientSampled :

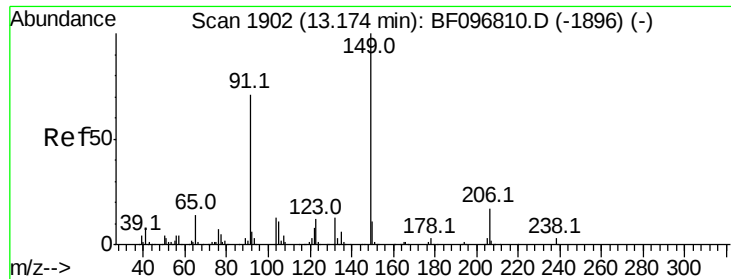
Tot Ion:202 Resp: 712039
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 67.209 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:244 Resp: 886325
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 15.2 10.3 15.5

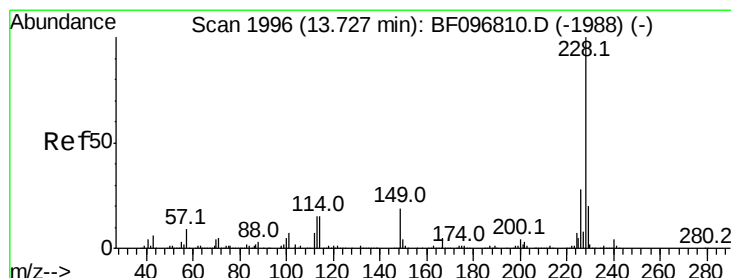
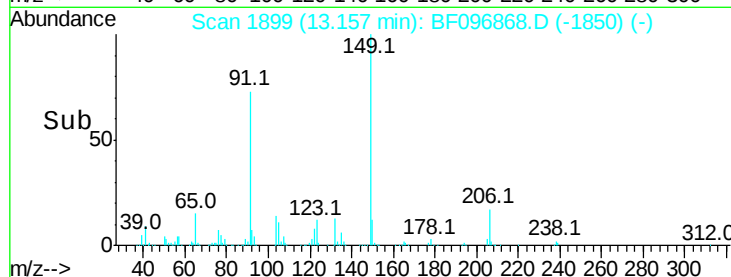
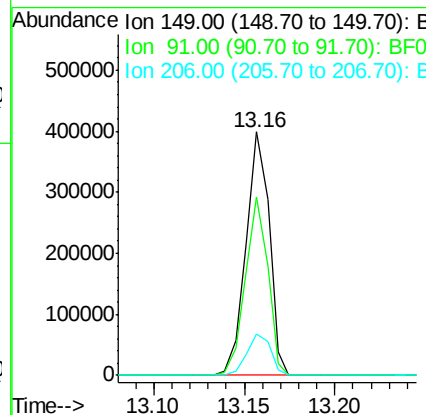
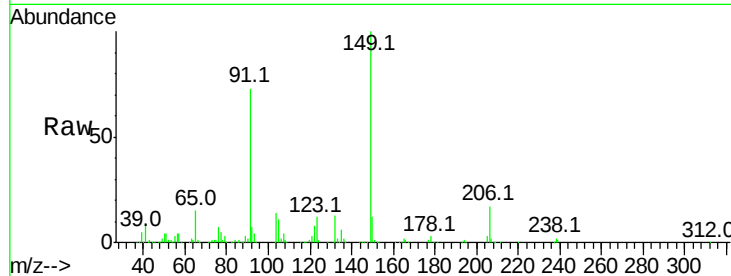




#79
Butylbenzylphthalate
Concen: 36.095 ng
RT: 13.16 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

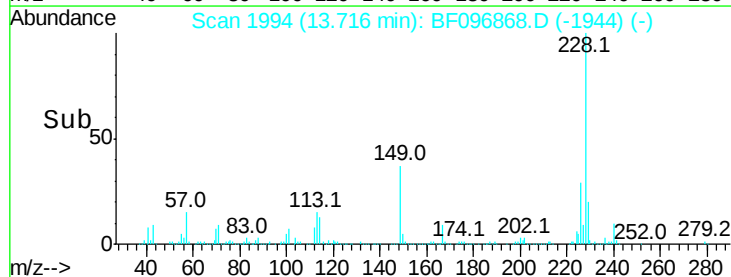
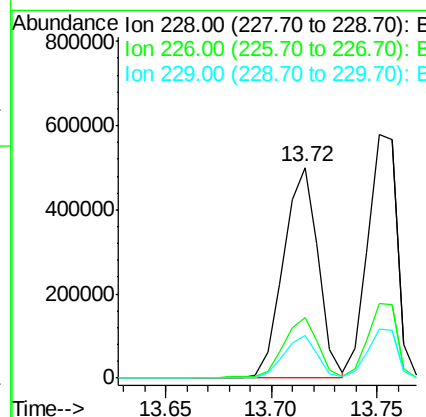
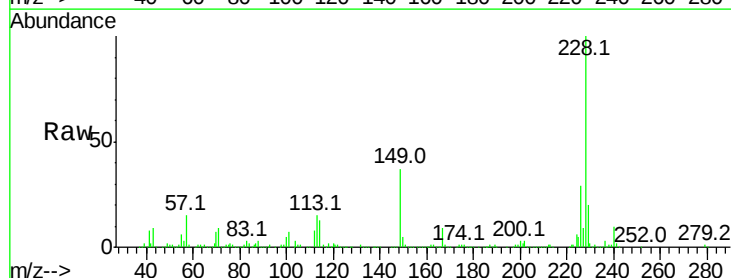
Instrument :
BNA_F
ClientSampled :

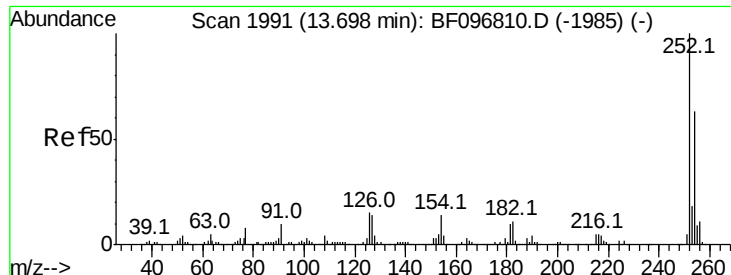
Tot Ion:149 Resp: 355972
Ion Ratio Lower Upper
149 100
91 73.4 45.0 67.4#
206 17.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.092 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:228 Resp: 571317
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.1 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 44.545 ng

RT: 13.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

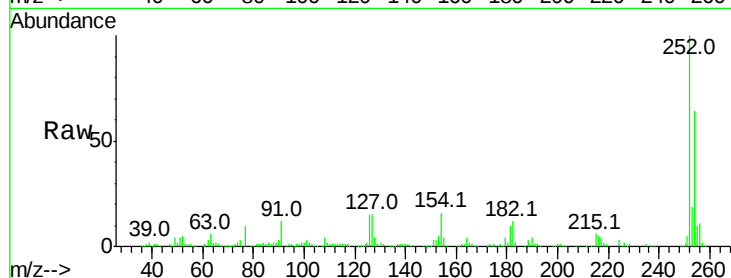
Tot Ion:252 Resp: 228268

Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

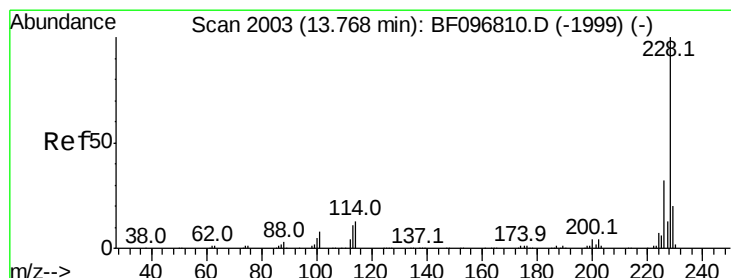
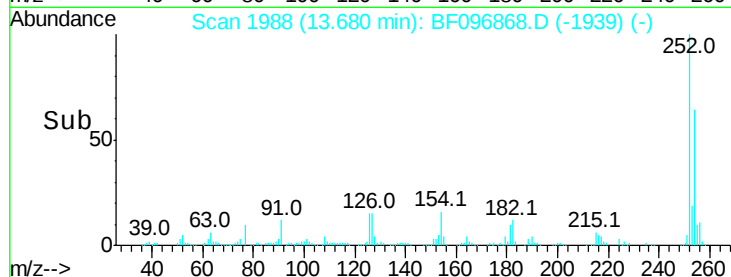
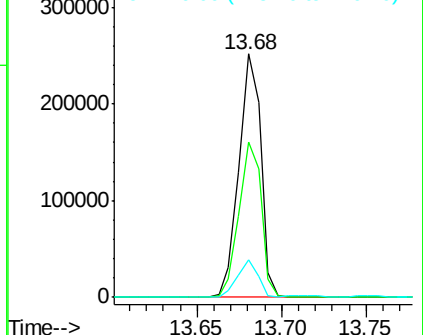
126 15.4 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.589 ng

RT: 13.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

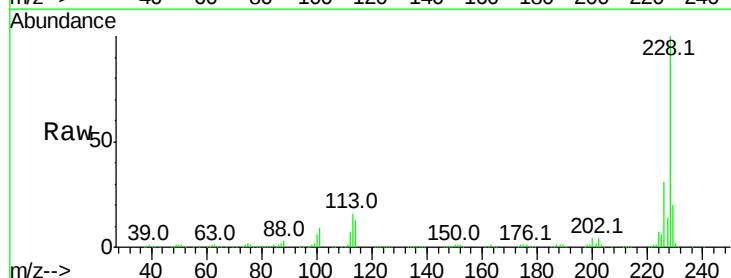
Tgt Ion:228 Resp: 569415

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

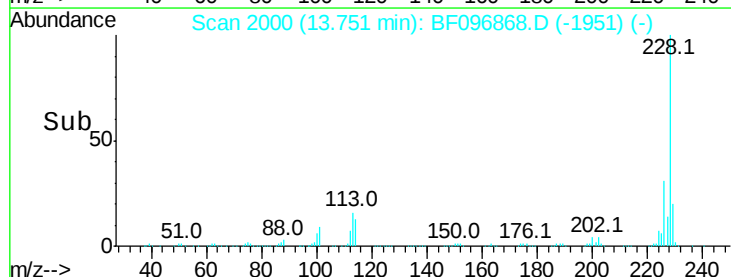
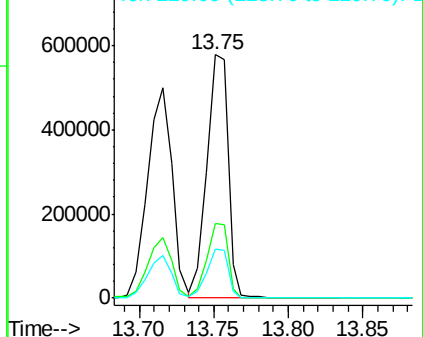
229 20.2 15.8 23.6

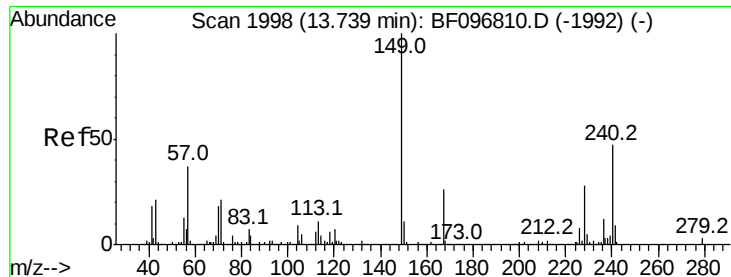


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.400 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

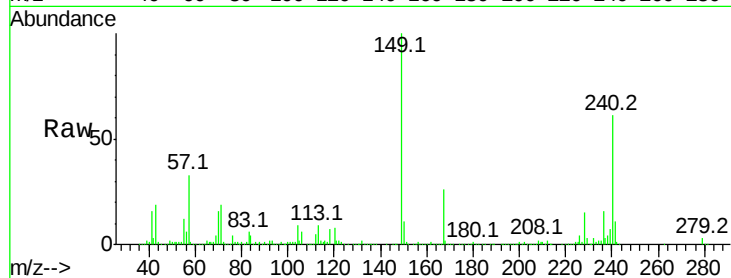
Tot Ion:149 Resp: 437167

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

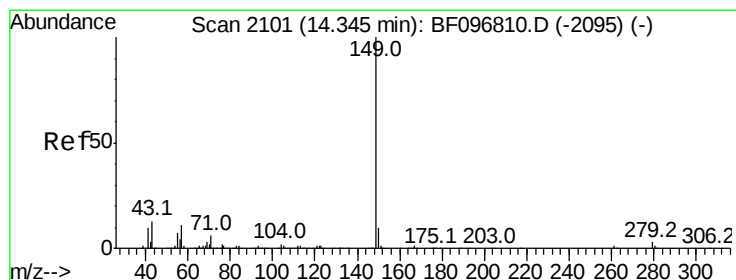
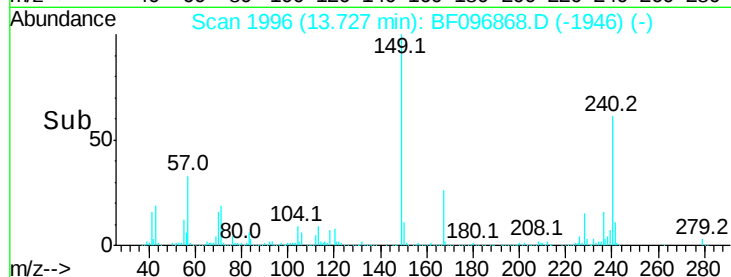
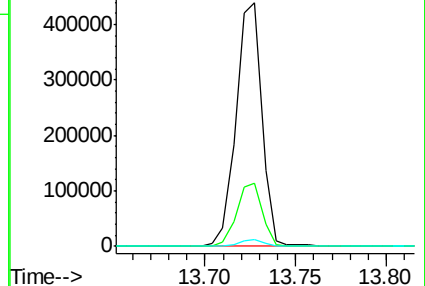
279 3.0 1.9 2.9#



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: 41.890 ng

RT: 14.33 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

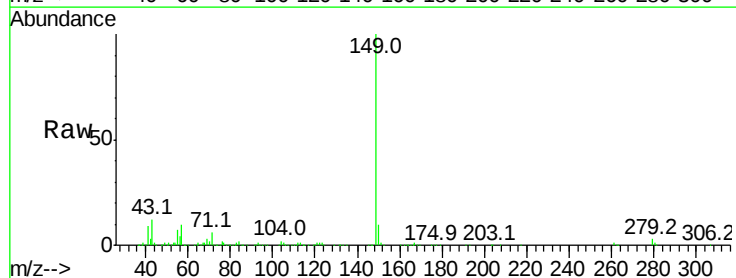
Tgt Ion:149 Resp: 831634

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

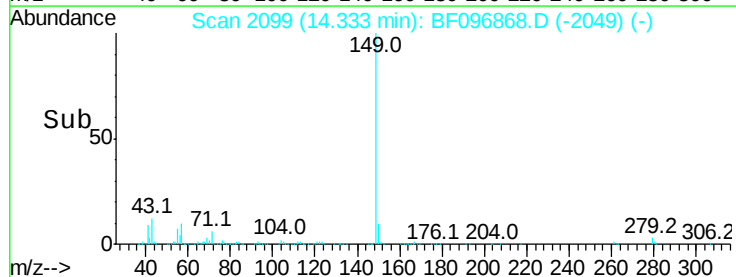
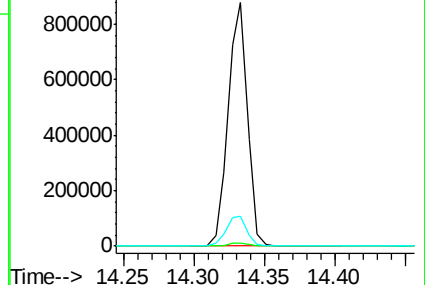
43 12.7 8.5 12.7#

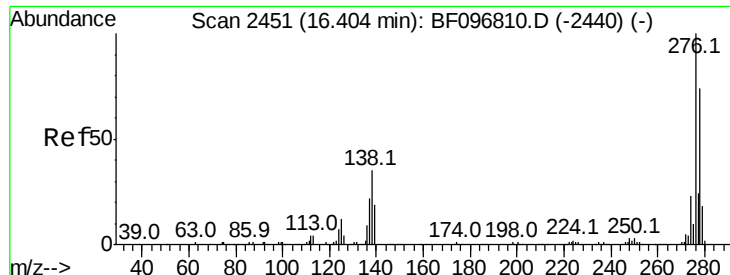


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

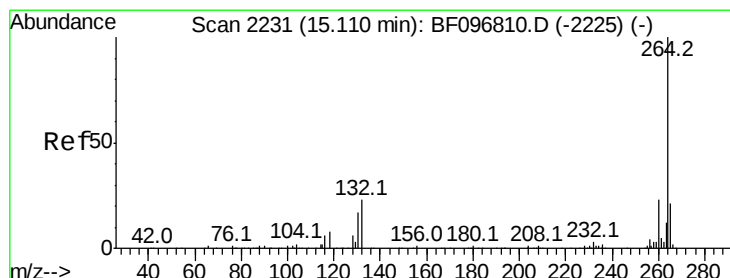
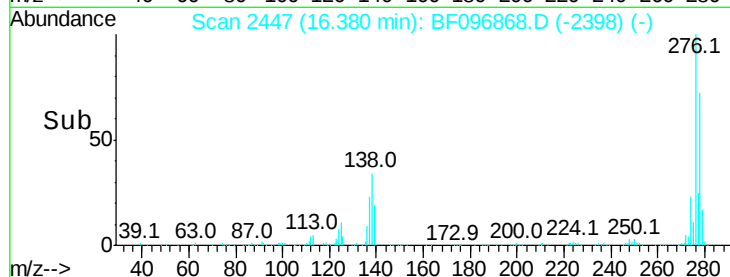
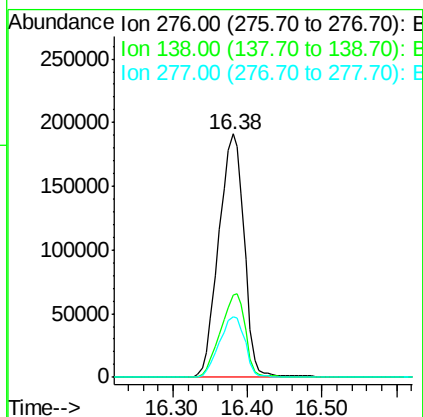
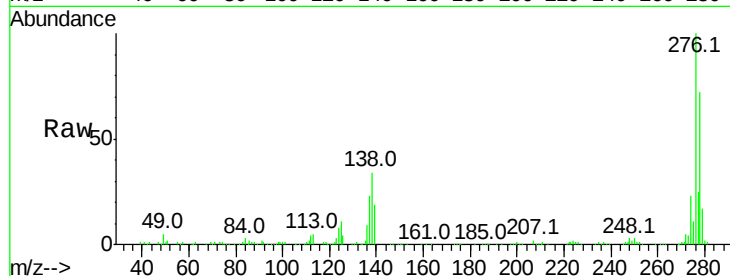




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.417 ng
 RT: 16.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

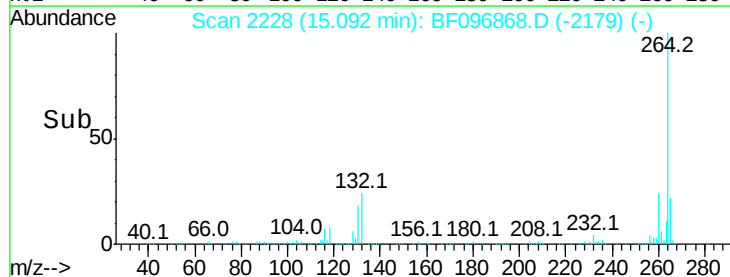
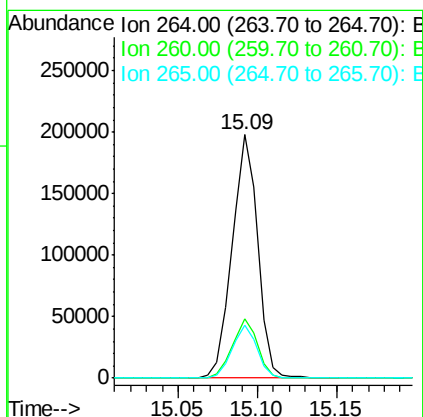
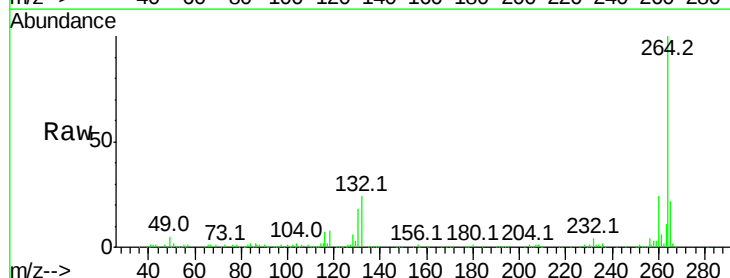
Instrument :
 BNA_F
 ClientSampleID :

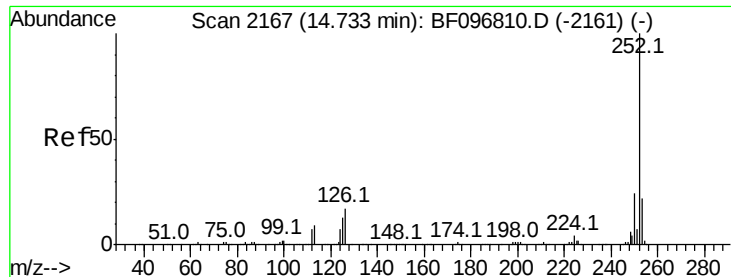
Tot Ion:276 Resp: 454411
 Ion Ratio Lower Upper
 276 100
 138 34.1 27.8 41.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096868.D
 Acq: 19 Jul 2017 14:20

Tgt Ion:264 Resp: 220834
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.2 25.8

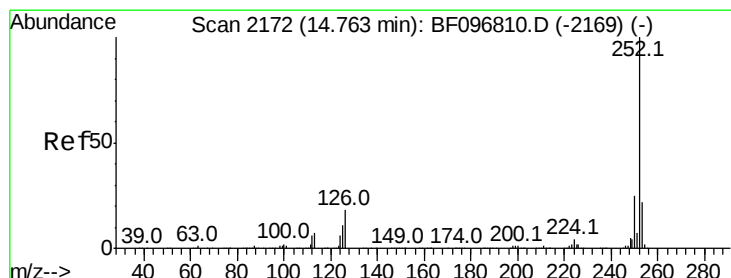
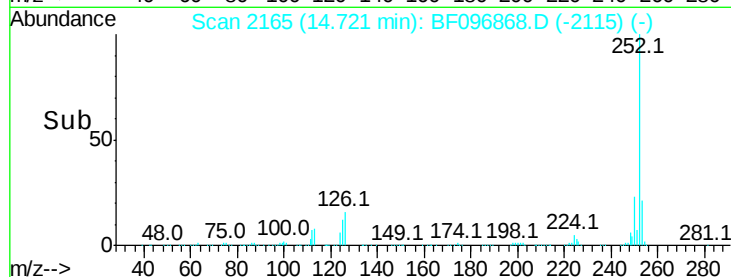
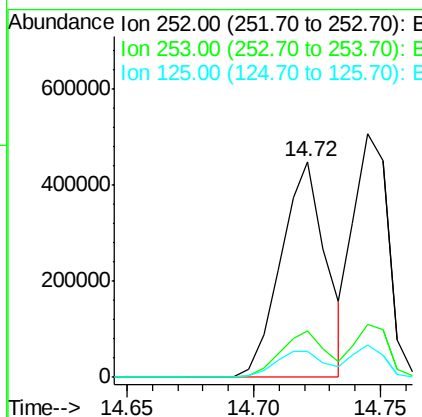
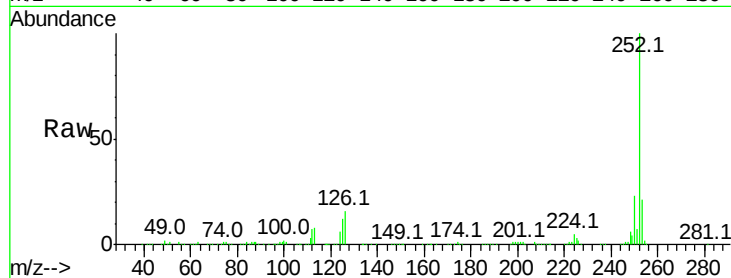




#87
Benzo(b)fluoranthene
Concen: 41.833 ng
RT: 14.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

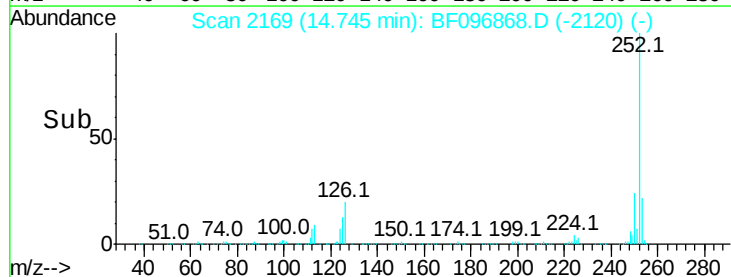
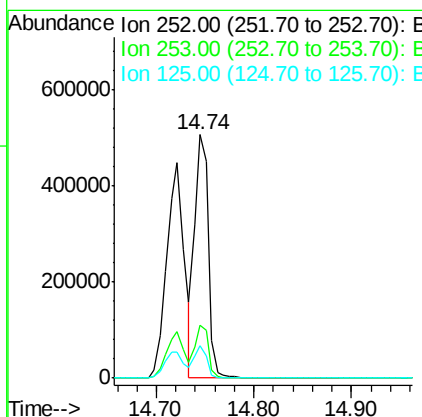
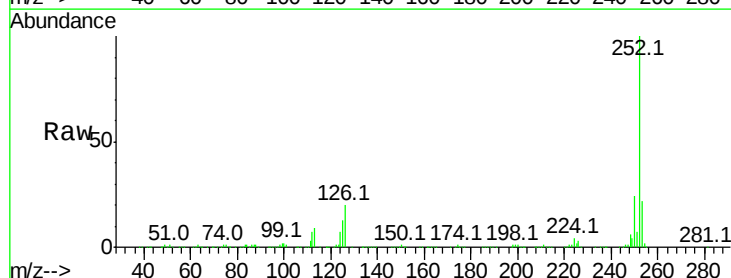
Instrument :
BNA_F
ClientSampleId :

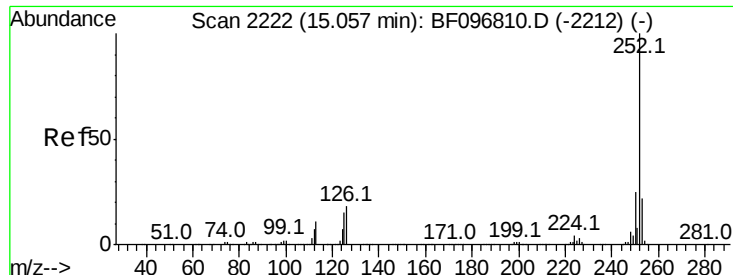
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 39.108 ng
RT: 14.74 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.5	13.1	19.7

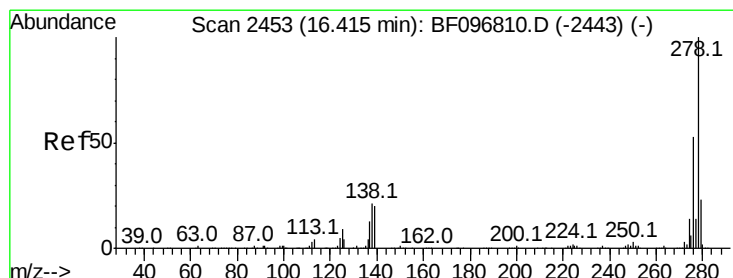
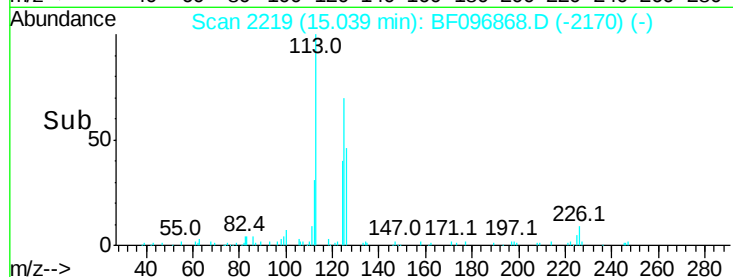
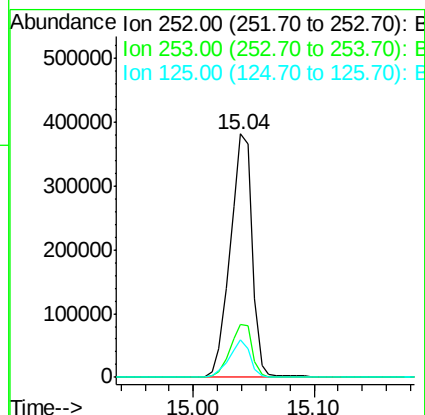
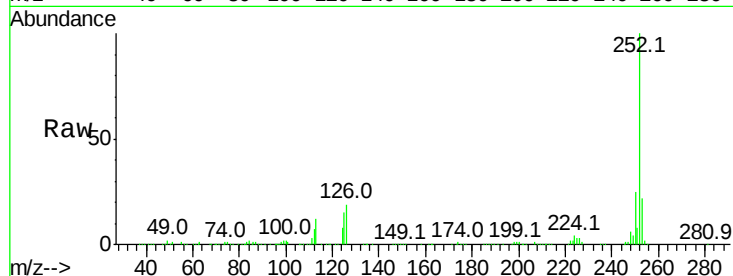




#89
Benzo(a)pyrene
Concen: 39.714 ng
RT: 15.04 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

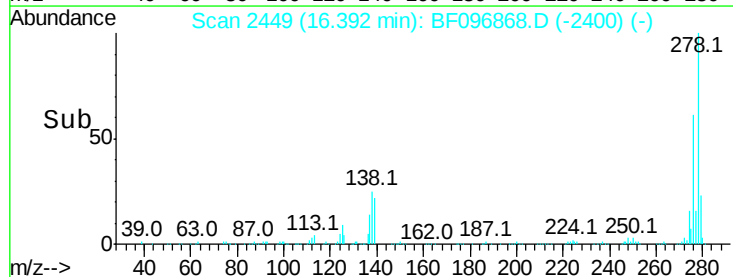
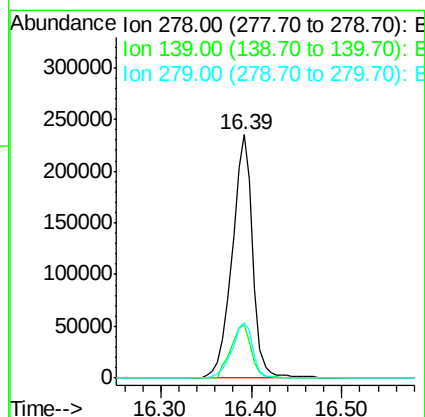
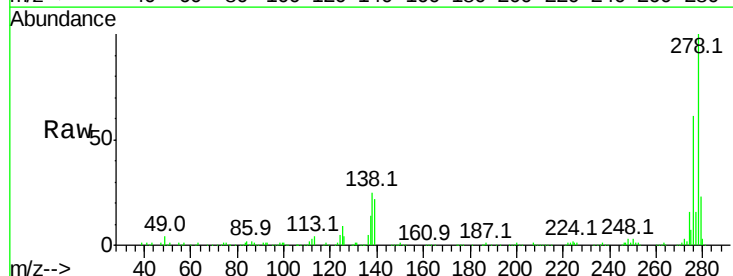
Instrument :
BNA_F
ClientSampleId :

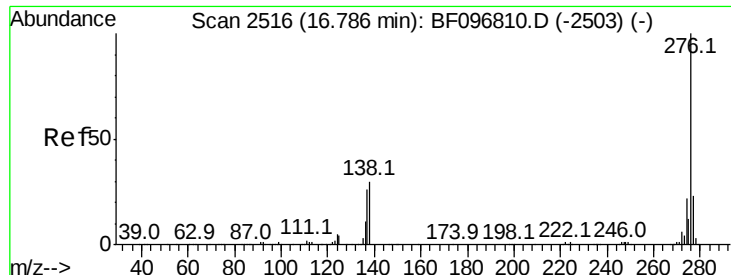
Tot Ion:252 Resp: 485137
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 33.198 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BF096868.D
Acq: 19 Jul 2017 14:20

Tgt Ion:278 Resp: 373162
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 22.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 30.980 ng

RT: 16.76 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF096868.D

Acq: 19 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

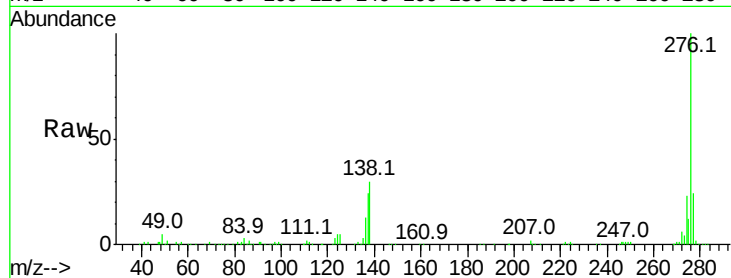
Tot Ion:276 Resp: 372899

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 29.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

