Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094824.D
Acq On : 3 May 2017 8:52
Operator : SJ/MA
Sample : I2933-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-3

Quant Time: May 03 11:42:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	95813	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	371660	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	163700	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	250981	20.00	ng		0.00
75) Chrysene-d12	18.64	240	209752	20.00	ng		-0.01
86) Perylene-d12	20.31	264	173347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	287176	49.97	ng		0.00
7) Phenol-d6	7.27	99	221024	32.05	ng		-0.01
23) Nitrobenzene-d5	8.62	82	553810	93.96	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	151878	113.29	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1047072	92.06	ng		0.00
78) Terphenyl-d14	17.31	244	688994	72.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	107	0.038	ng	#	21
6) Aniline	7.26	93	485	0.056	ng	#	1
8) 2-Chlorophenol	7.42	128	129	0.020	ng	#	1
9) Benzaldehyde	7.13	77	107	0.025	ng	#	1
10) Phenol	7.30	94	2817	0.388	ng	#	44
11) bis(2-Chloroethyl)ether	7.38	93	717	0.120	ng	#	1
13) 1,4-Dichlorobenzene	7.99	146	534	0.071	ng	#	82
14) 1,2-Dichlorobenzene	7.99	146	534	0.076	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.05	45	115	0.014	ng		70
18) Hexachloroethane	8.58	117	115	0.045	ng	#	1
22) Acetophenone	8.41	105	1643	0.184	ng	#	94
24) Nitrobenzene	8.63	77	1457	0.236	ng	#	39
25) Isophorone	9.07	82	286	0.027	ng	#	67
31) Naphthalene	9.78	128	227141	12.160	ng		99
37) 2-Methylnaphthalene	10.91	142	49302	4.022	ng		98
45) 1,1'-Biphenyl	11.68	154	8183	0.594	ng		92
48) Acenaphthylene	12.35	152	10012	0.574	ng		97
49) Dimethylphthalate	12.21	163	100124	7.450	ng		98
50) 2,6-Dinitrotoluene	12.21	165	891	0.325	ng	#	10
51) Acenaphthene	11.68	154	8183	0.594	ng	#	46
54) Dibenzofuran	12.92	168	27666	1.920	ng	#	89
57) Fluorene	13.47	166	27671	2.209	ng		99
59) Diethylphthalate	13.36	149	2028	0.157	ng	#	84
61) 4-Nitroaniline	13.47	138	128	0.047	ng	#	25
62) Azobenzene	13.78	77	608	0.059	ng	#	1
64) 4,6-Dinitro-2-methylphenol	13.87	198	131	0.078	ng	#	1
65) n-Nitrosodiphenylamine	13.87	169	5406	0.593	ng	#	32
70) Phenanthrene	15.01	178	48531	3.365	ng	#	96
71) Anthracene	15.10	178	3955	0.268	ng	#	86
72) Carbazole	15.40	167	1419	0.106	ng	#	58
73) Di-n-butylphthalate	15.95	149	16046	0.960	ng		97
74) Fluoranthene	16.76	202	5714	0.386	ng		95
77) Pyrene	17.06	202	3463	0.221	ng	#	87
80) Benzo(a)anthracene	18.64	228	756	0.062	ng	#	50

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094824.D
Acq On : 3 May 2017 8:52
Operator : SJ/MA
Sample : I2933-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-3

Quant Time: May 03 11:42:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Chrysene	18.68	228	433	0.037	ng	#	49
83) Bis(2-ethylhexyl)phthalate	18.71	149	3619	0.348	ng	#	97
84) Di-n-octyl phthalate	19.48	149	108	0.006	ng	#	1
87) Benzo(b)fluoranthene	19.91	252	873	0.082	ng	#	59
88) Benzo(k)fluoranthene	19.94	252	549	0.053	ng	#	56
89) Benzo(a)pyrene	20.25	252	106	0.011	ng	#	59

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

Quantitation Report (LSC Reviewed)

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Data File : BF094824.D
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Instrument :
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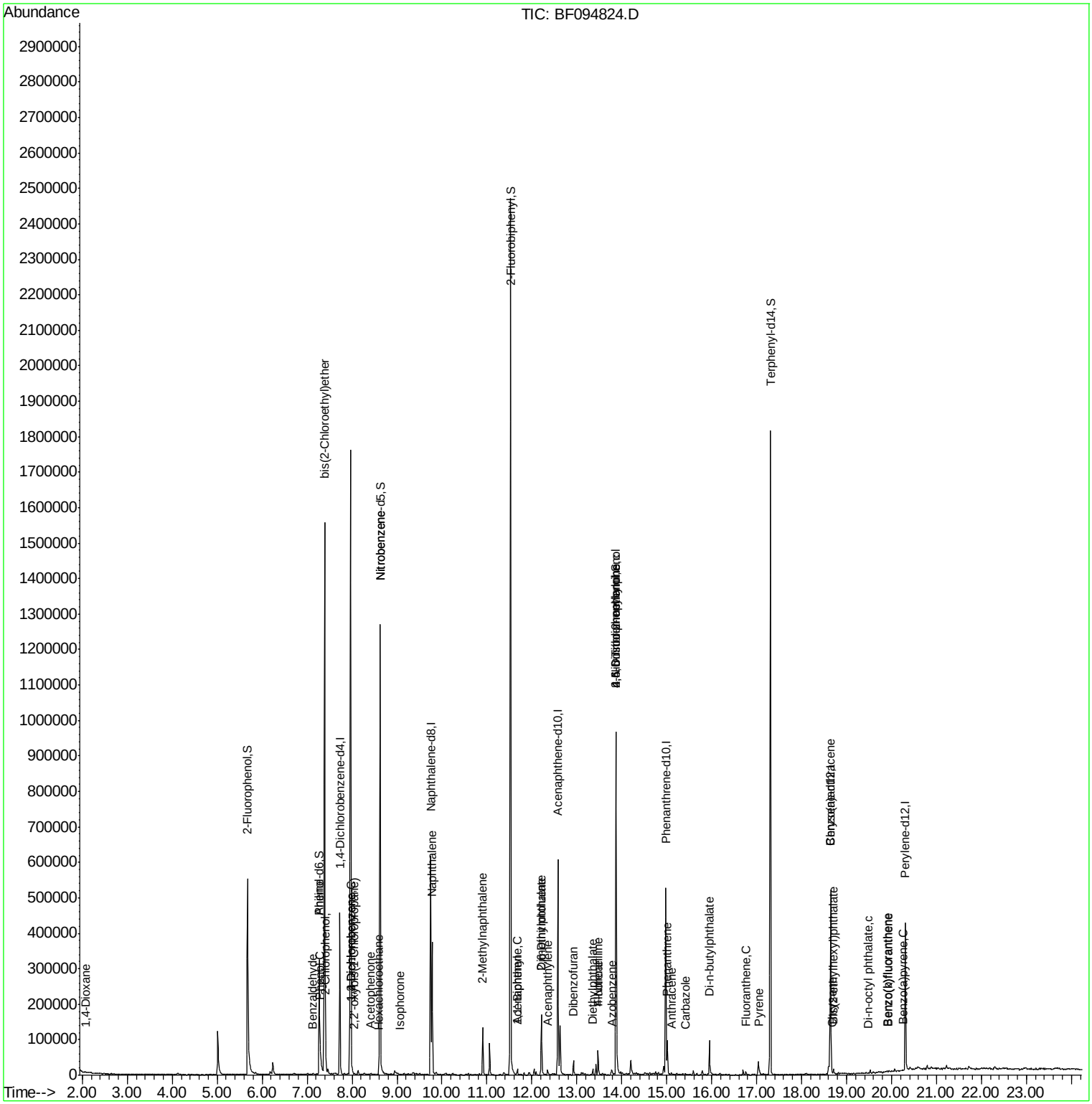
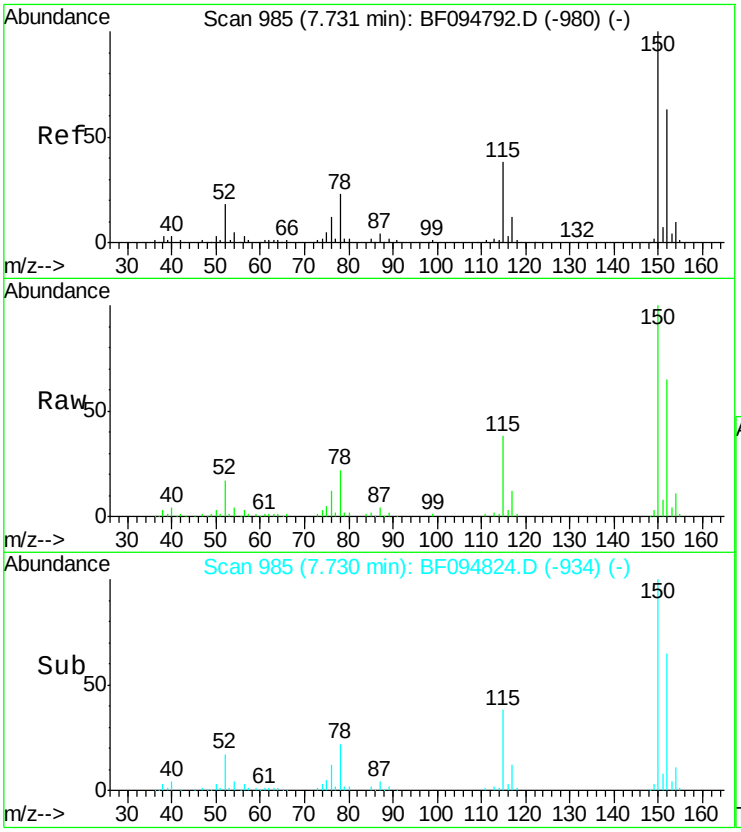


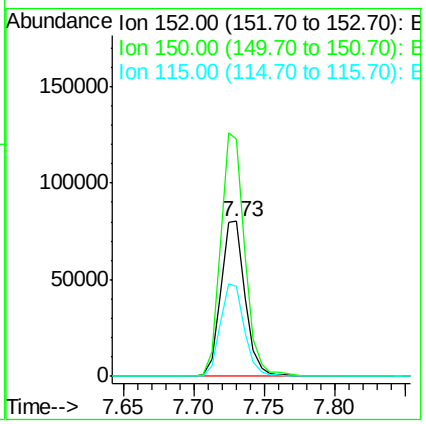


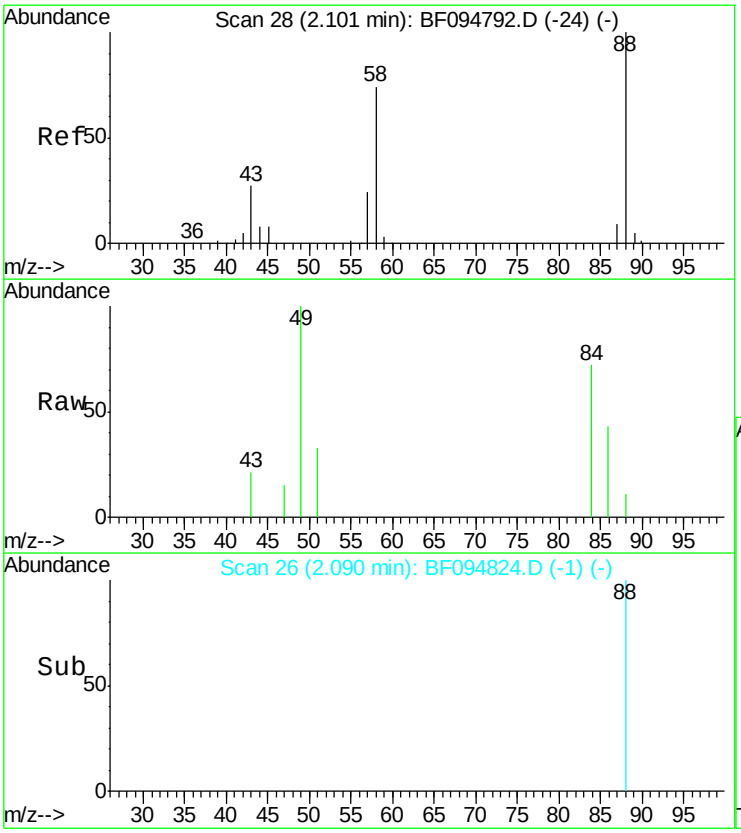
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:152 Resp: 95813

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	57.8	52.2	78.2

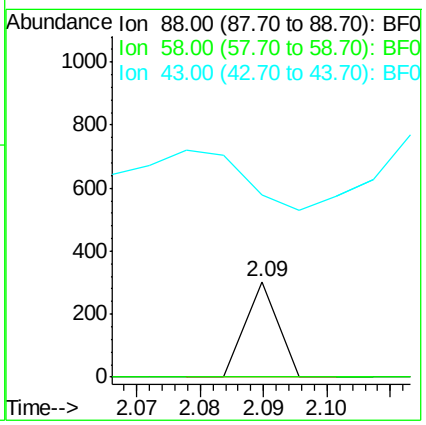


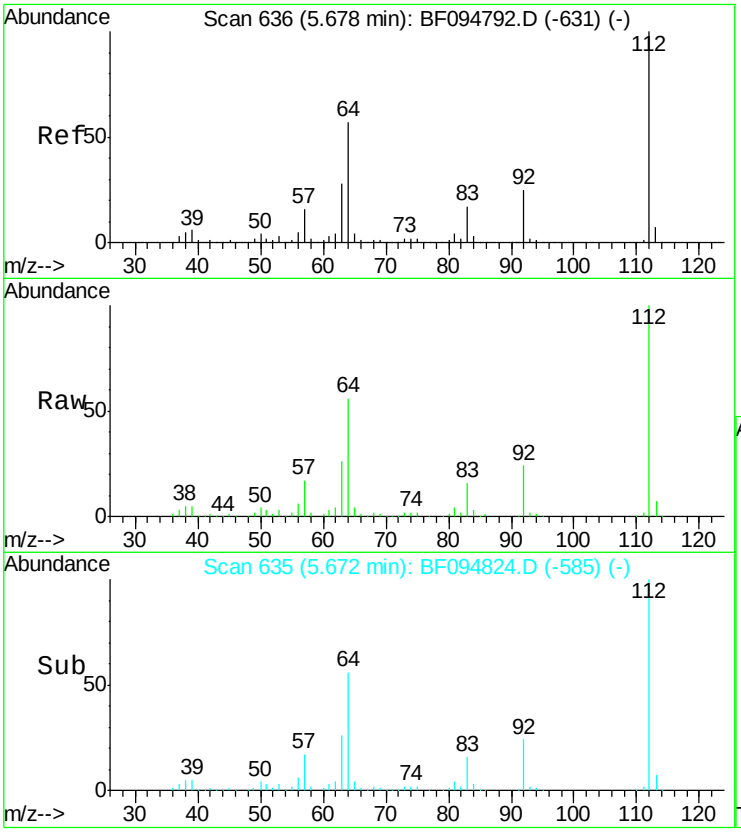


#2
1,4-Dioxane
Concen: 0.038 ng
RT: 2.09 min Scan# 26
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



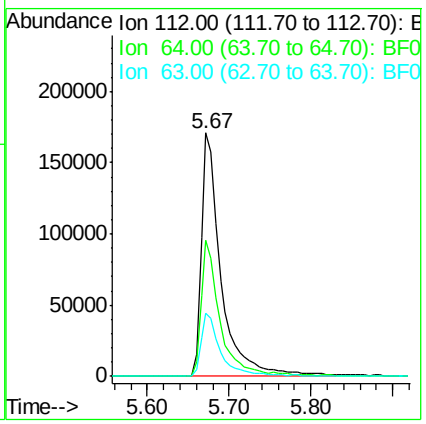


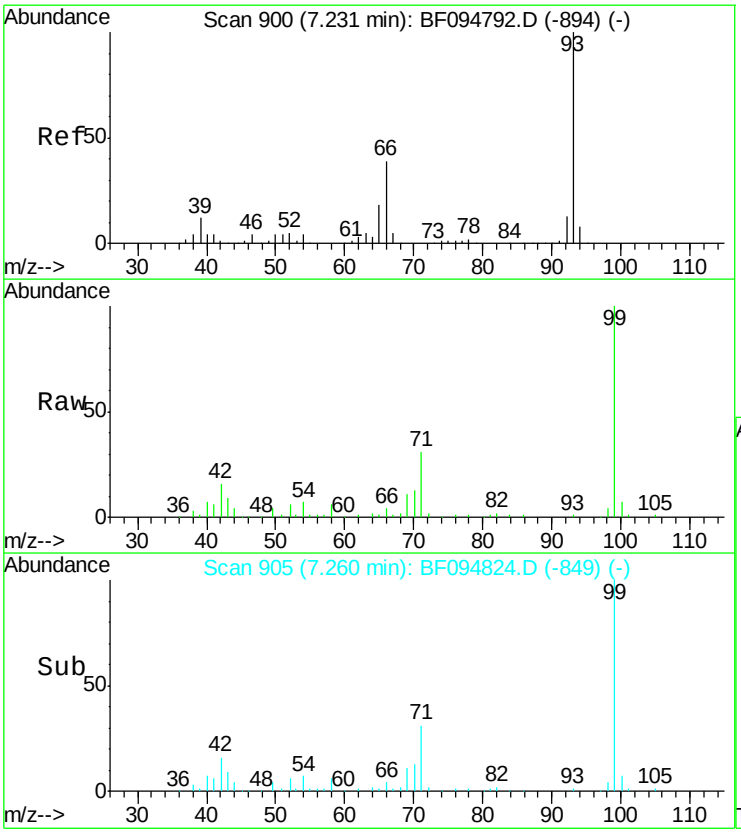
#5
2-Fluorophenol
Concen: 49.971 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:112 Resp: 287176

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	25.9	23.4	35.0

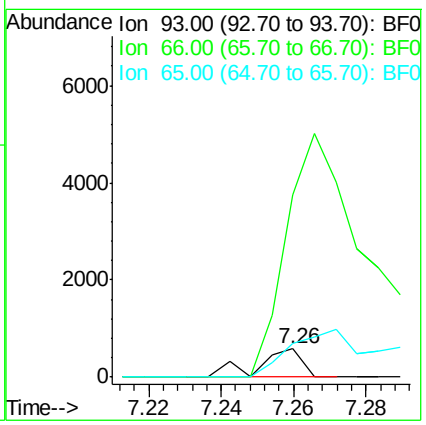


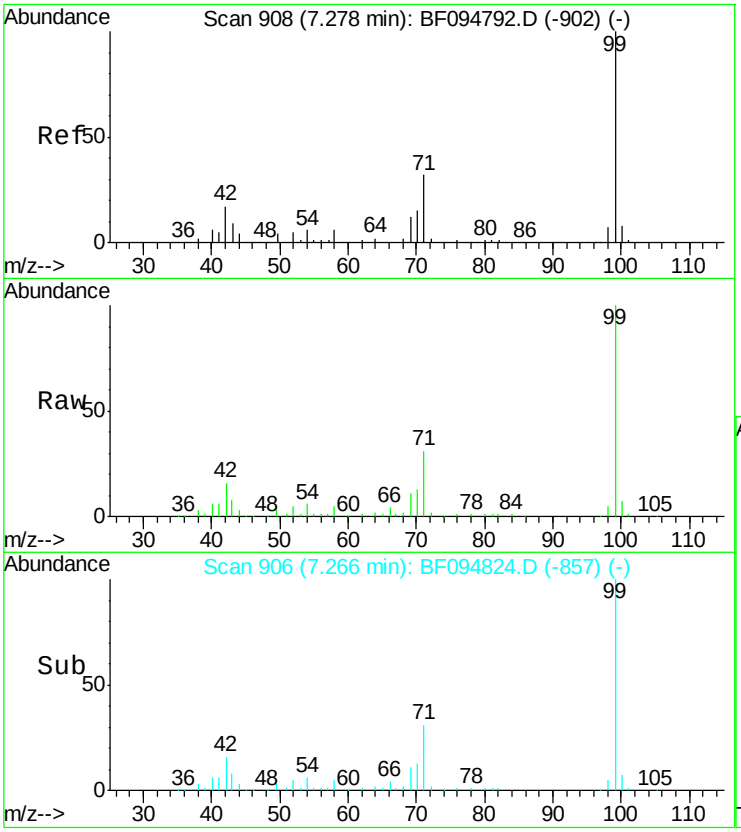


#6
Aniline
Concen: 0.056 ng
RT: 7.26 min Scan# 905
Delta R.T. 0.03 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 93 Resp: 485

Ion	Ratio	Lower	Upper
93	100		
66	647.2	32.9	49.3#
65	119.4	16.0	24.0#



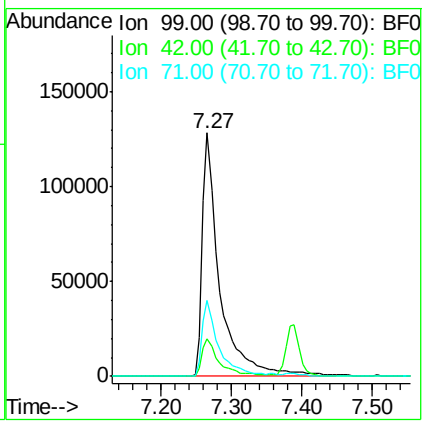


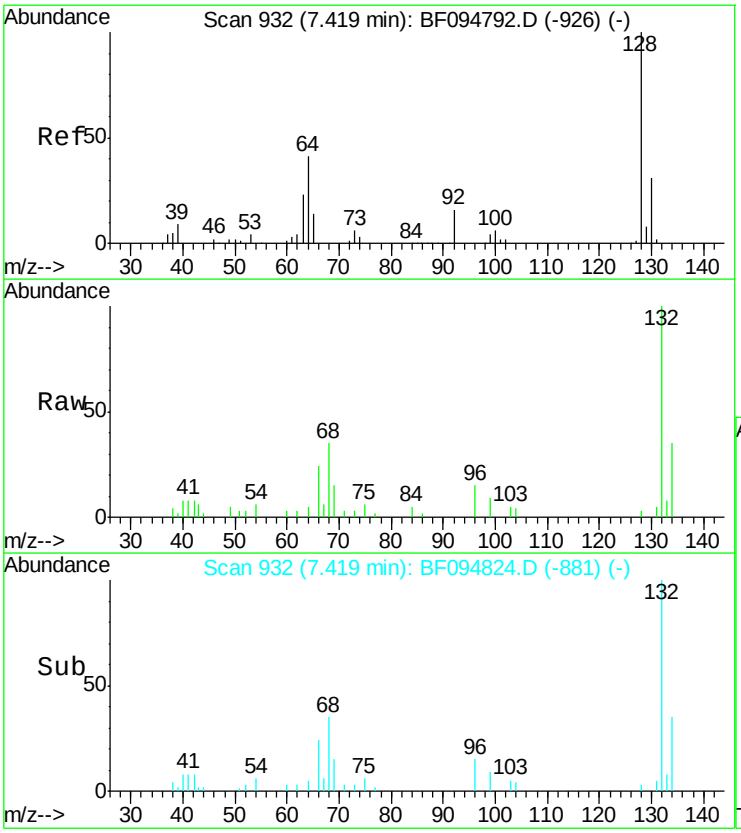
#7
Phenol-d6
Concen: 32.054 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 99 Resp: 221024

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.4	24.5	36.7

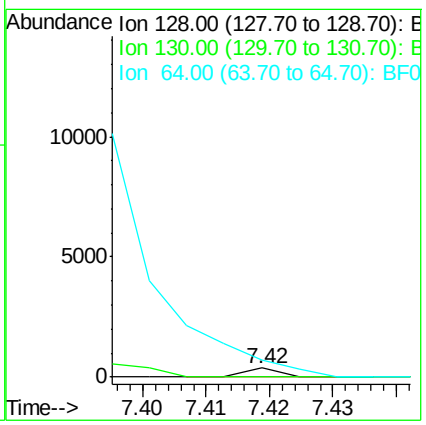


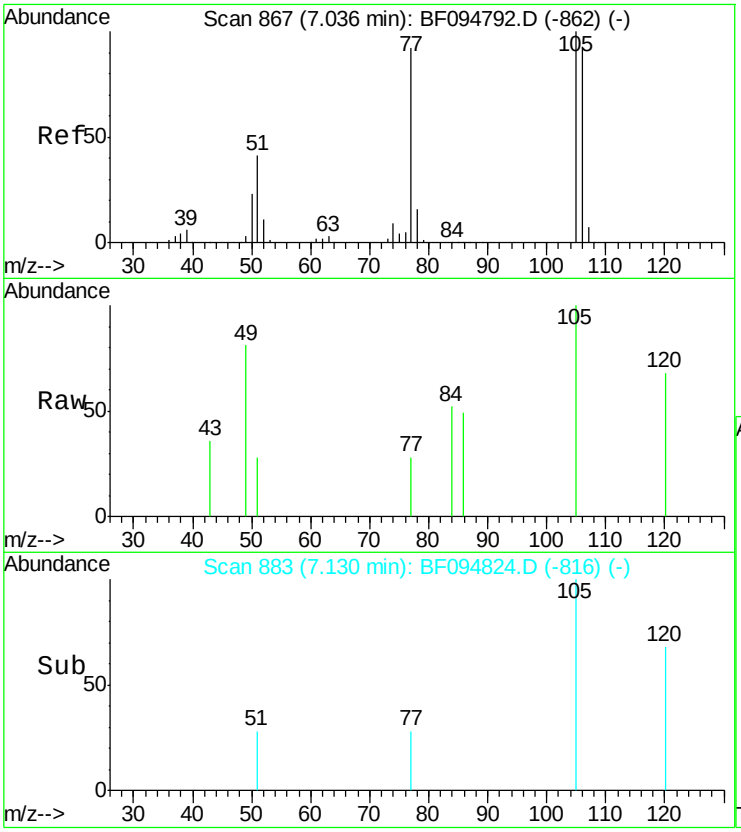


#8
2-Chlorophenol
Concen: 0.020 ng
RT: 7.42 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:128 Resp: 129

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	198.6	28.4	68.4#



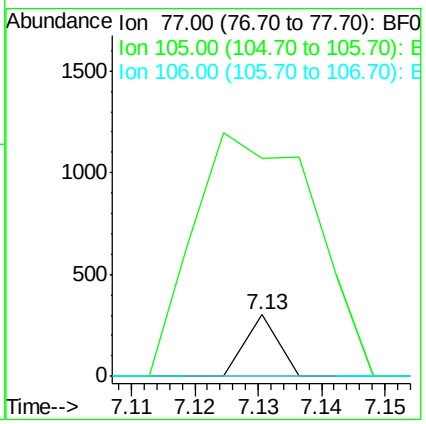


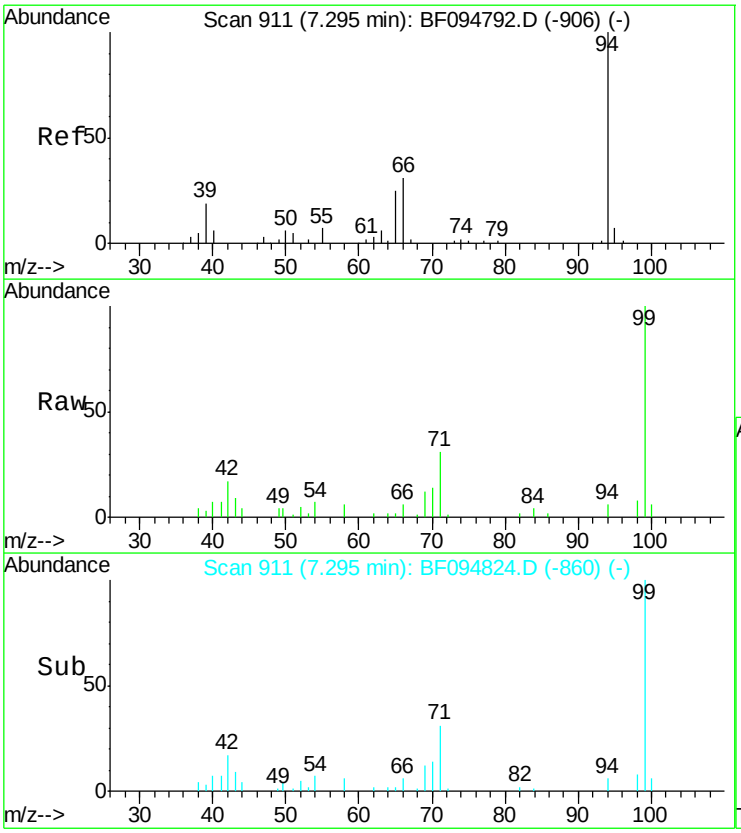
#9
Benzaldehyde
Concen: 0.025 ng
RT: 7.13 min Scan# 883
Delta R.T. 0.09 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 77 Resp: 107

Ion	Ratio	Lower	Upper
77	100		
105	355.0	83.8	123.8#
106	0.0	79.1	119.1#

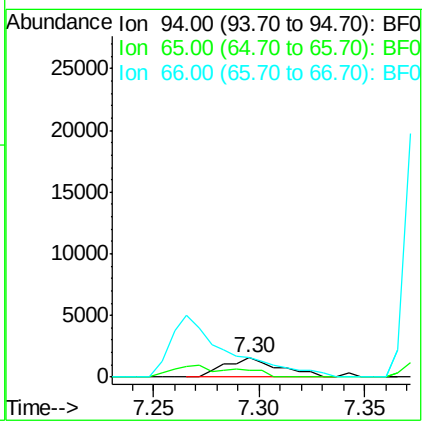


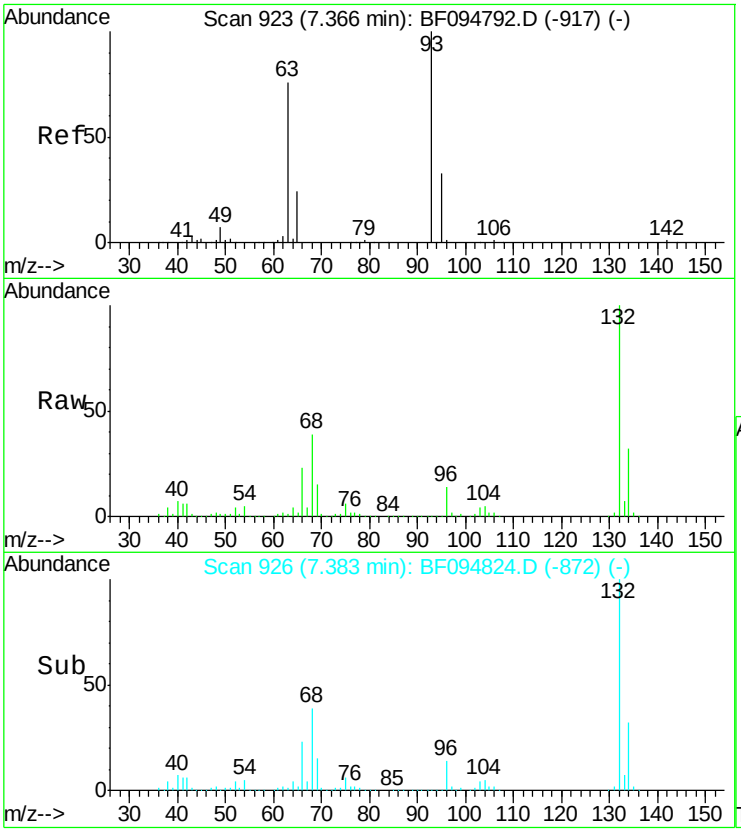


#10
Phenol
Concen: 0.388 ng
RT: 7.30 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 94 Resp: 2817

Ion	Ratio	Lower	Upper
94	100		
65	36.3	9.9	49.9
66	98.9	23.1	63.1#



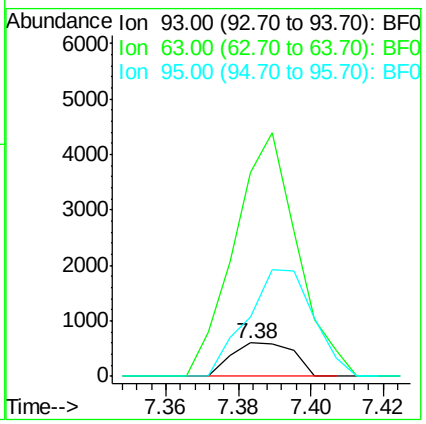


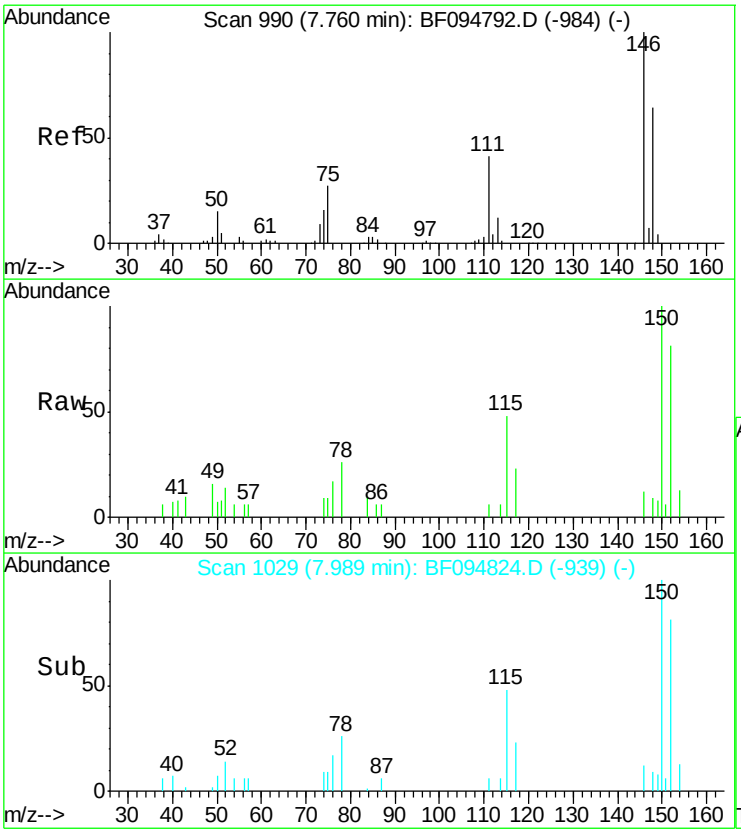
#11
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 93 Resp: 717

Ion	Ratio	Lower	Upper
93	100		
63	609.5	59.2	99.2#
95	176.7	12.8	52.8#

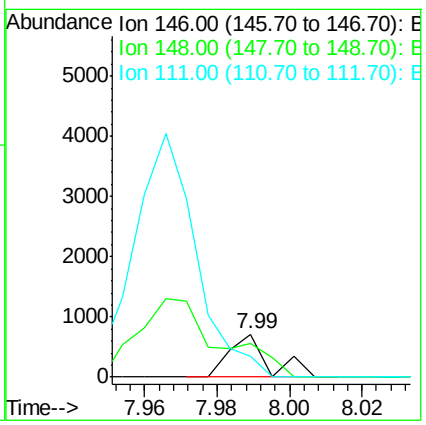


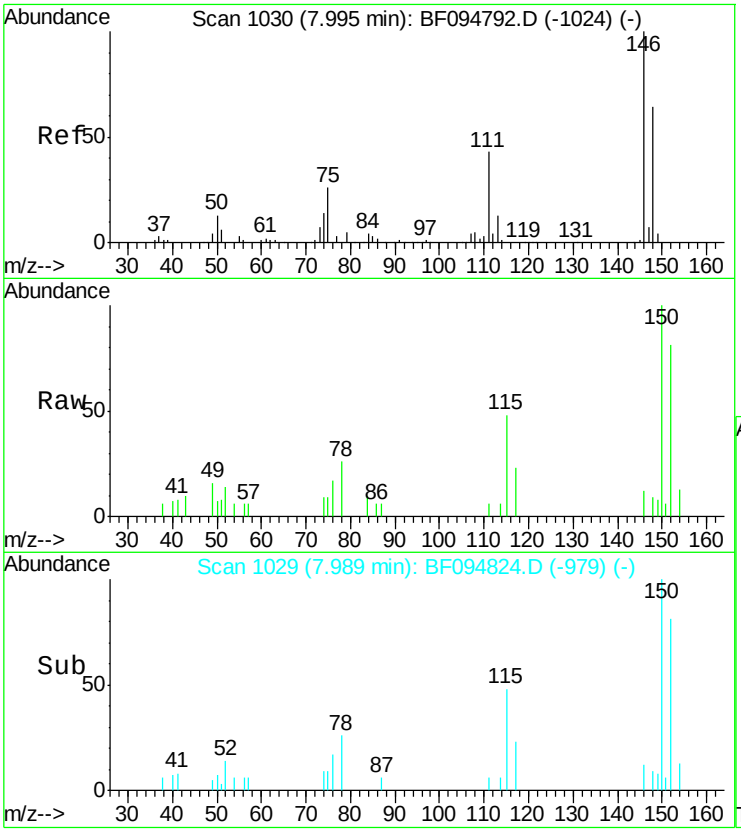


#13
1,4-Dichlorobenzene
Concen: 0.071 ng
RT: 7.99 min Scan# 1029
Delta R.T. 0.23 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:146 Resp: 534

Ion	Ratio	Lower	Upper
146	100		
148	77.9	52.2	78.2
111	50.3	30.3	45.5#



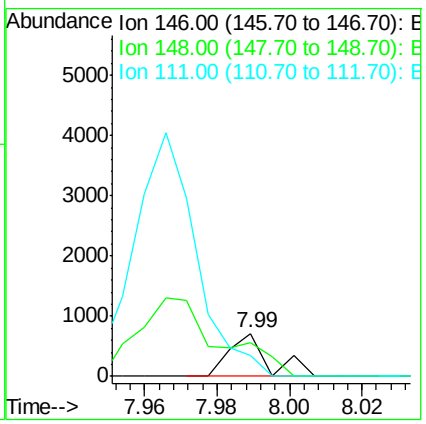


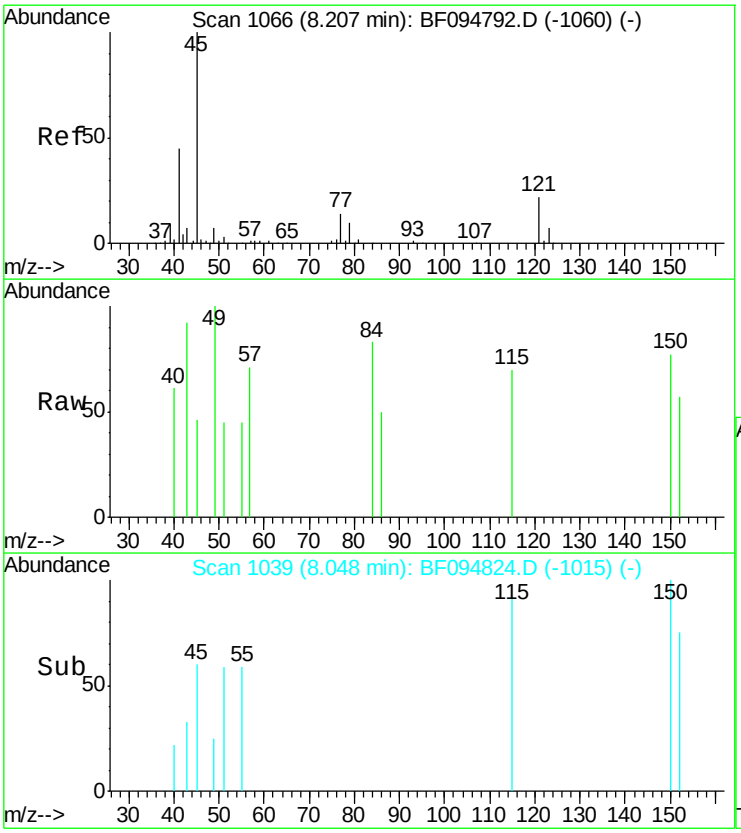
#14
1,2-Dichlorobenzene
Concen: 0.076 ng
RT: 7.99 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:146 Resp: 534

Ion	Ratio	Lower	Upper
146	100		
148	77.9	50.4	75.6#
111	50.3	38.2	57.4

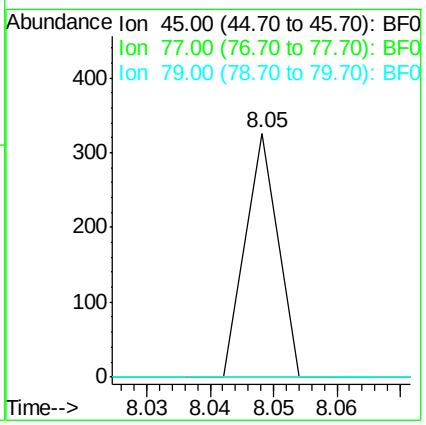


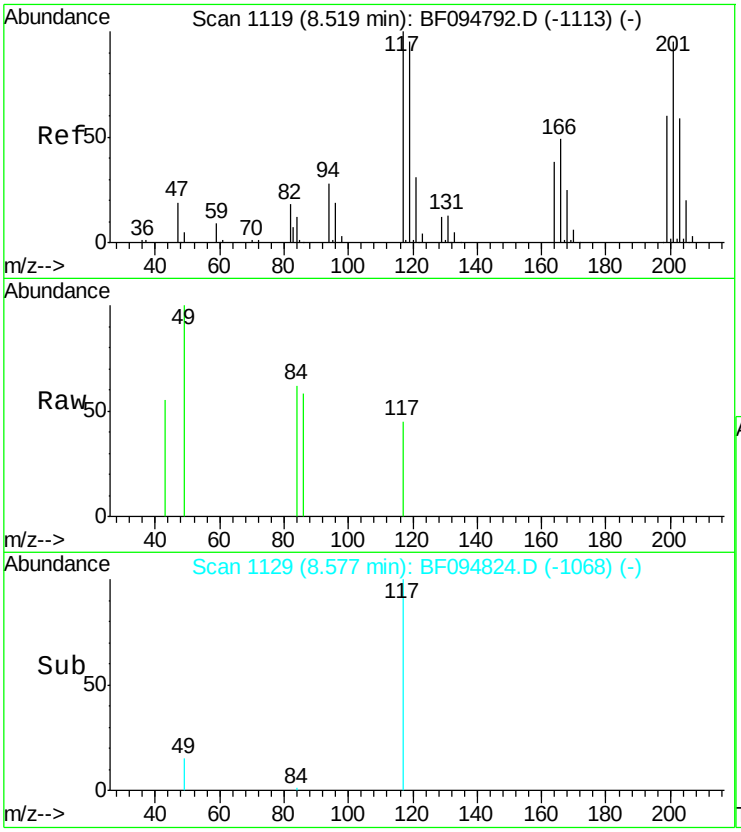


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.16 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 45 Resp: 115

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.2
79	0.0	0.0	30.0



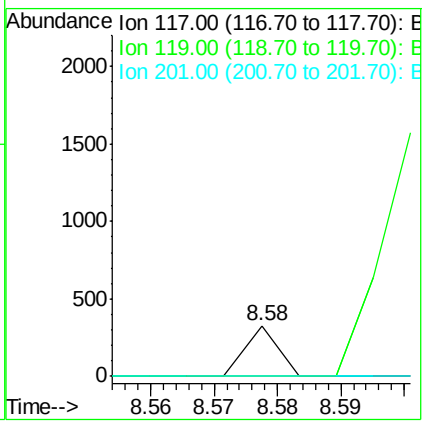


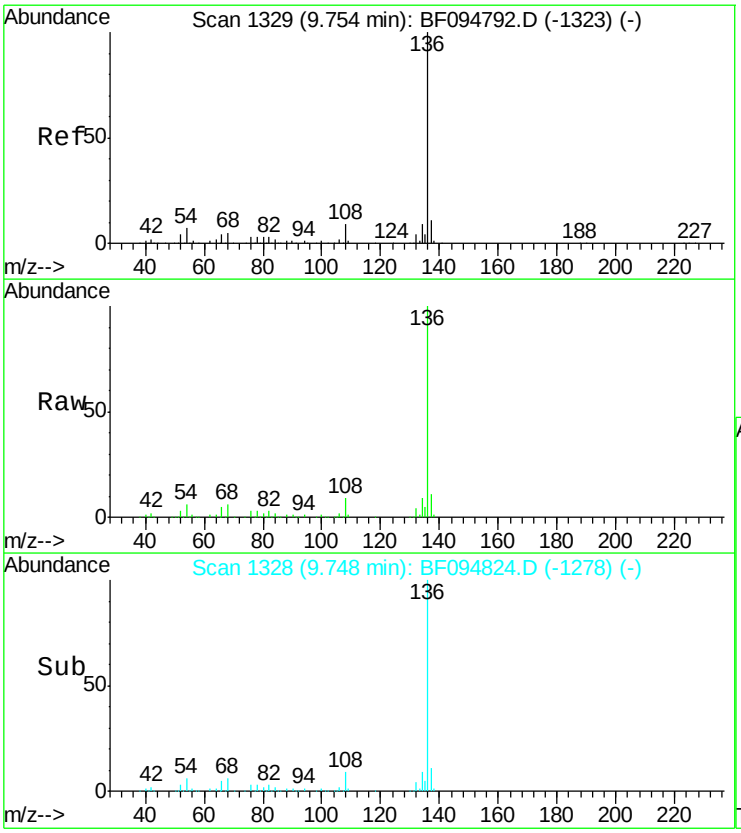
#18
Hexachloroethane
Concen: 0.045 ng
RT: 8.58 min Scan# 1129
Delta R.T. 0.06 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:117 Resp: 115

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
201	0.0	94.6	141.8#

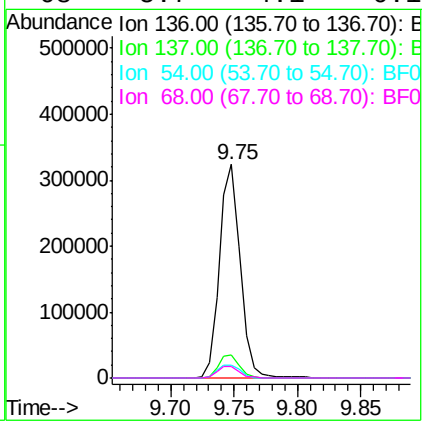


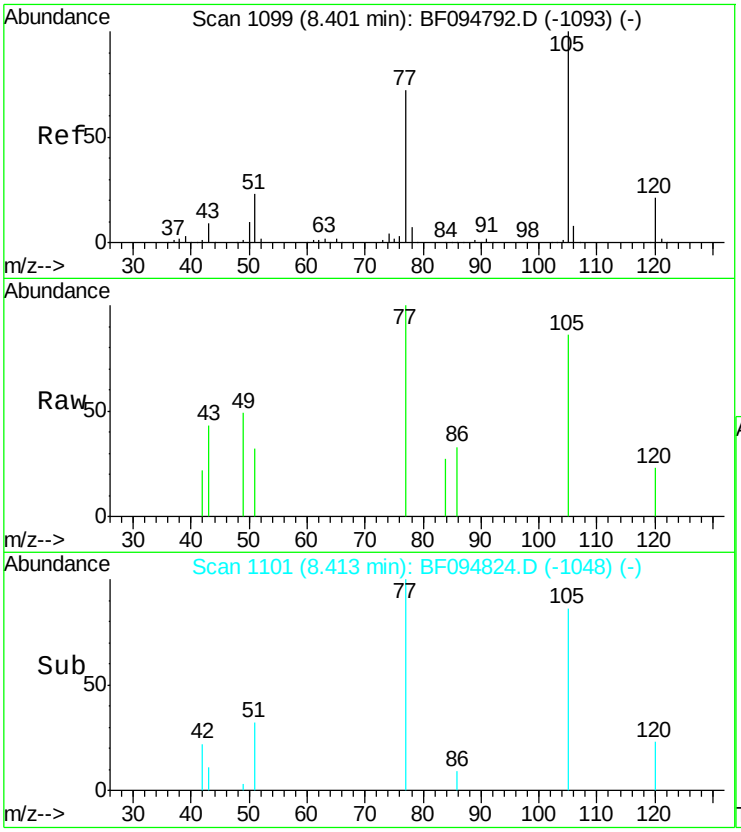


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:136 Resp: 371660

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.2	4.9	7.3
68	5.7	4.1	6.1



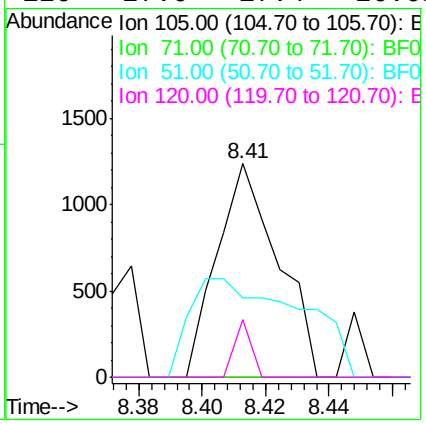


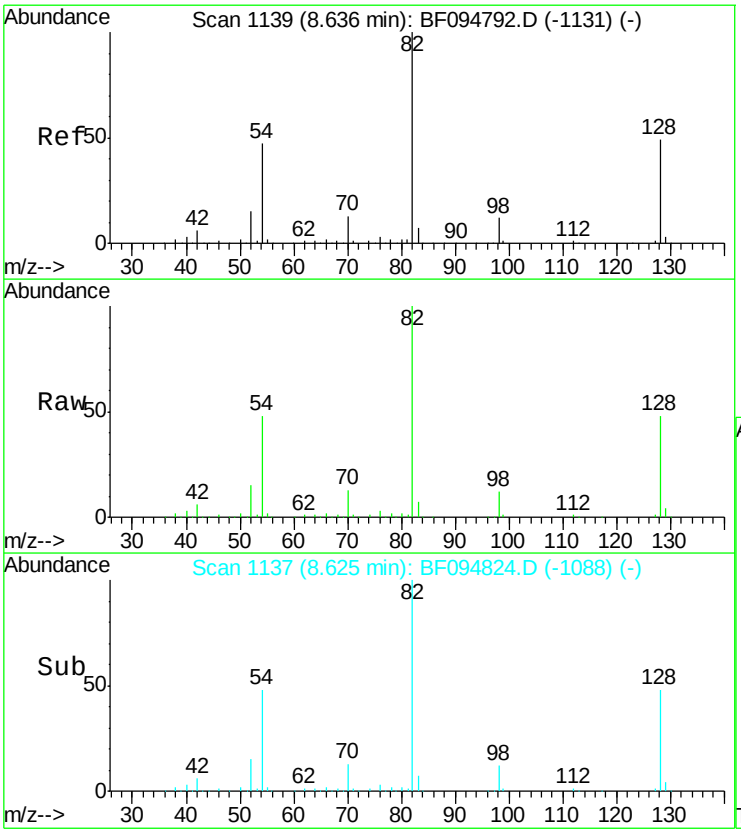
#22
Acetophenone
Concen: 0.184 ng
RT: 8.41 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:105 Resp: 1643

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	37.0	30.7	46.1
120	27.0	17.4	26.0#

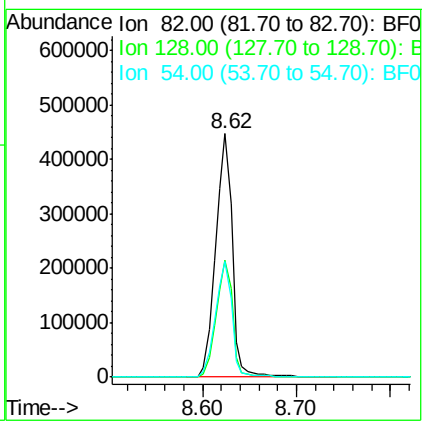


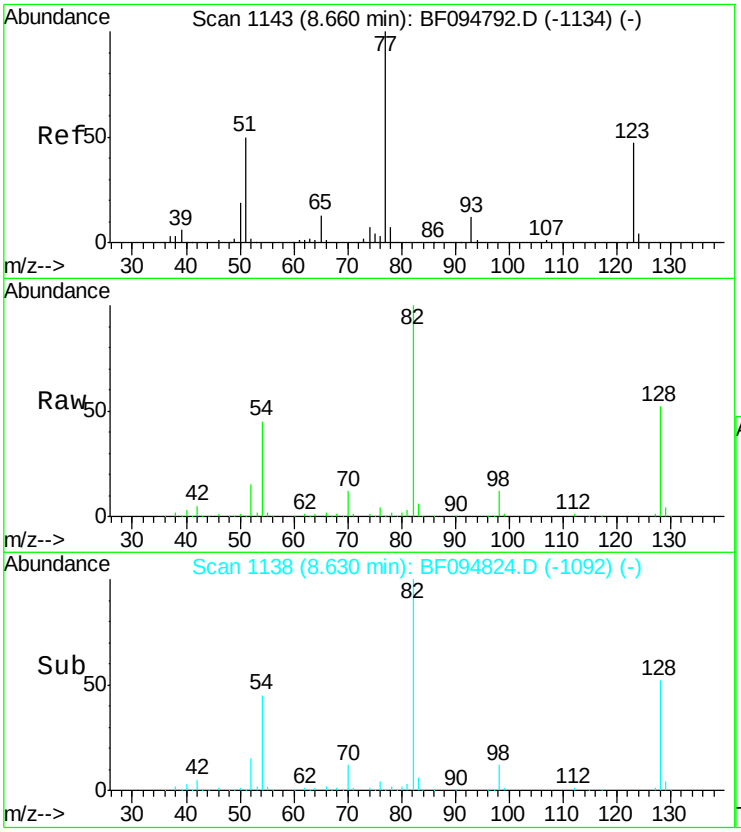


#23
Nitrobenzene-d5
Concen: 93.963 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 82 Resp: 553810

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.6	42.2	63.2



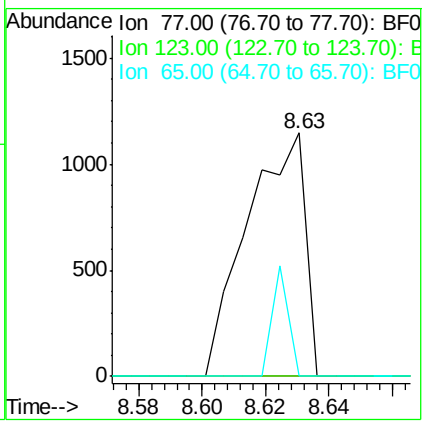


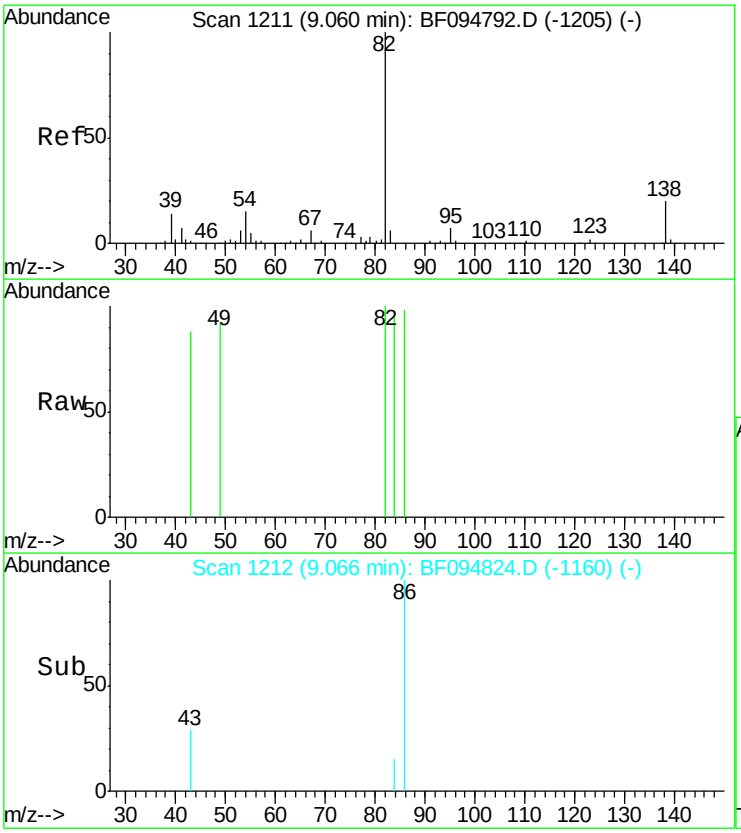
#24
Nitrobenzene
Concen: 0.236 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 77 Resp: 1457

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#

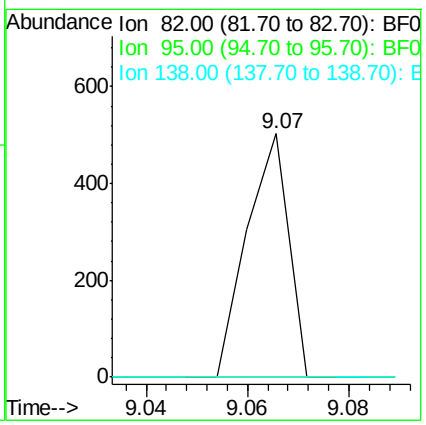


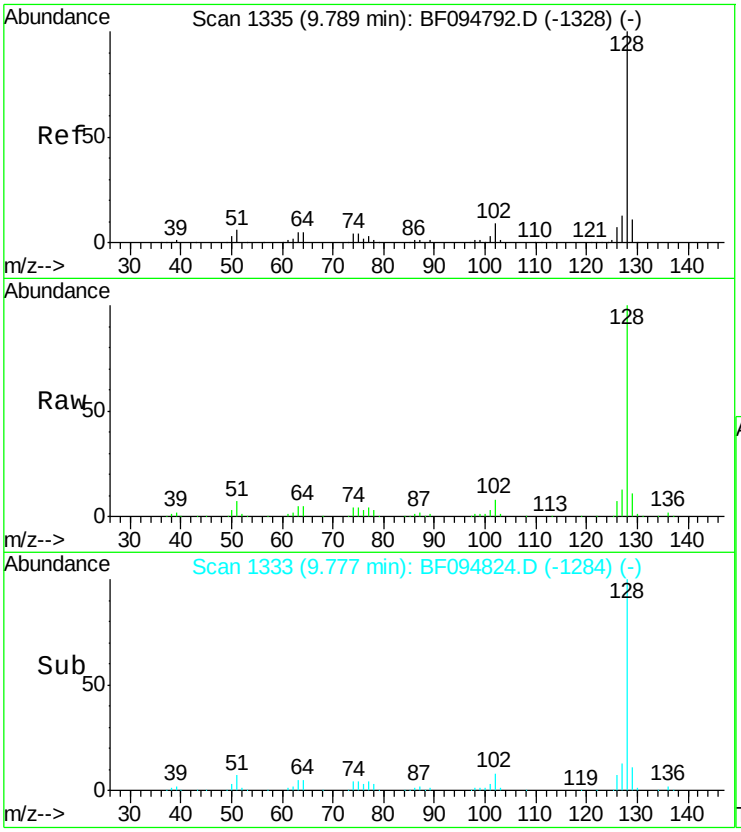


#25
Isophorone
Concen: 0.027 ng
RT: 9.07 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion: 82 Resp: 286

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



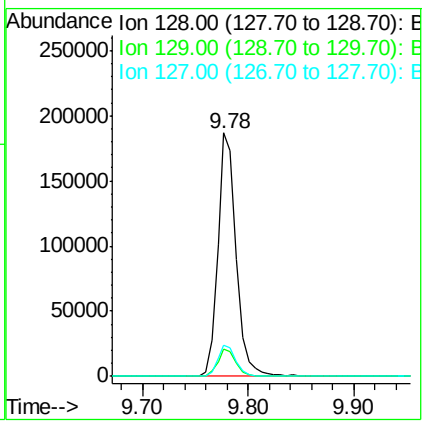


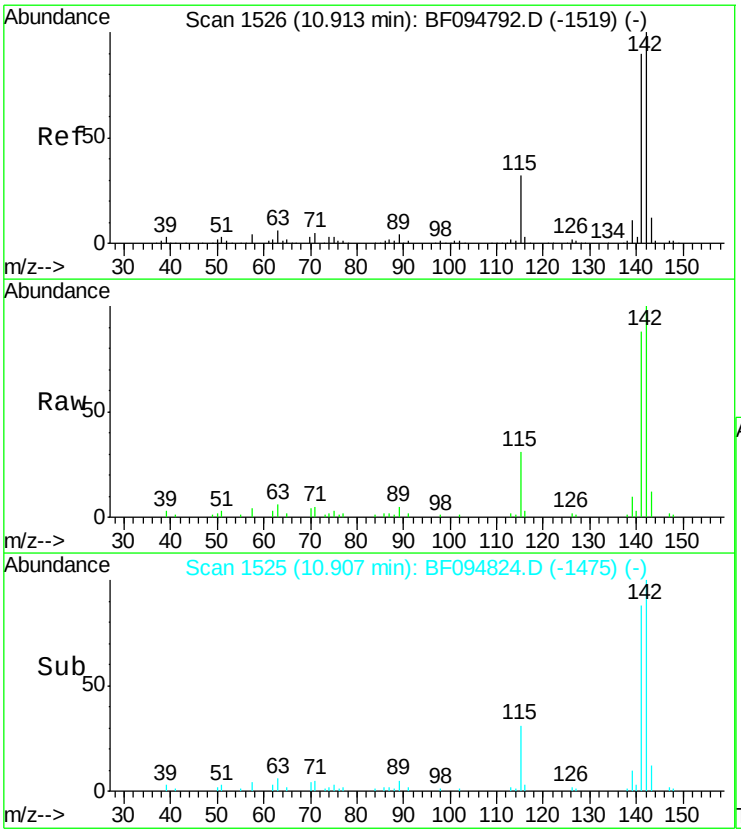
#31
Naphthalene
Concen: 12.160 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:128 Resp: 227141

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.9	10.8	16.2

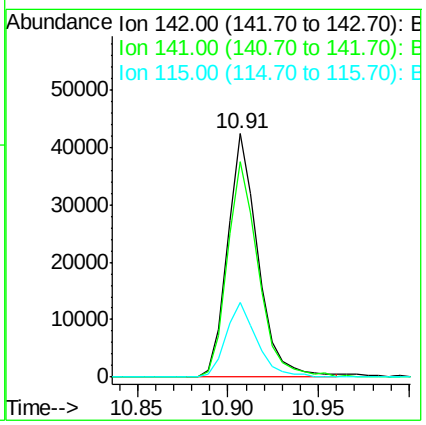


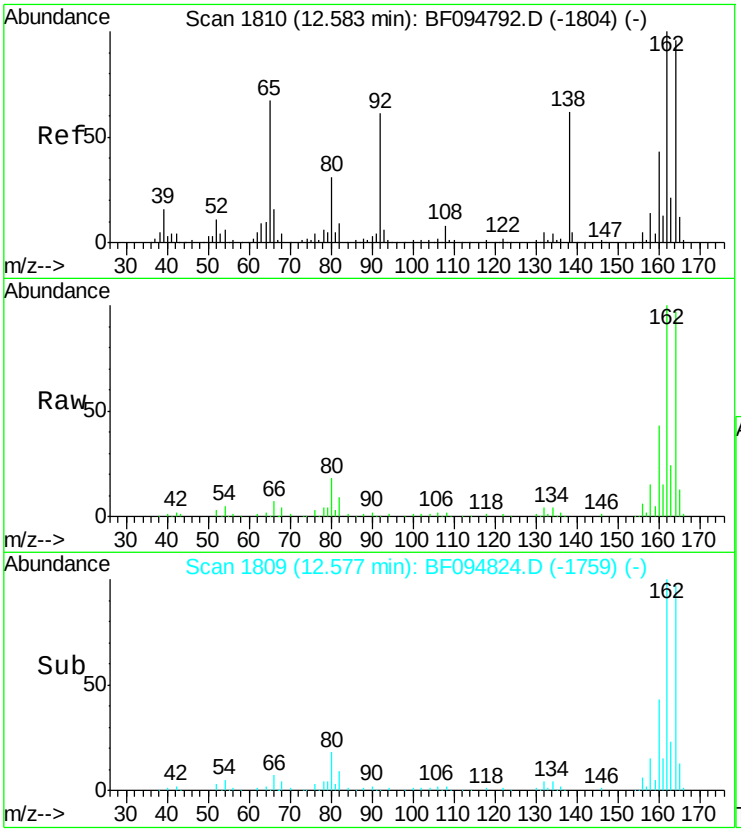


#37
2-Methylnaphthalene
Concen: 4.022 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:142 Resp: 49302

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	30.8	27.1	40.7



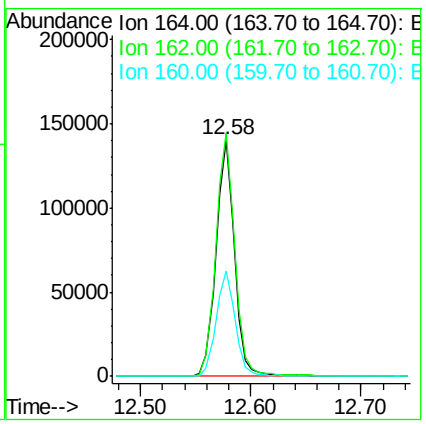


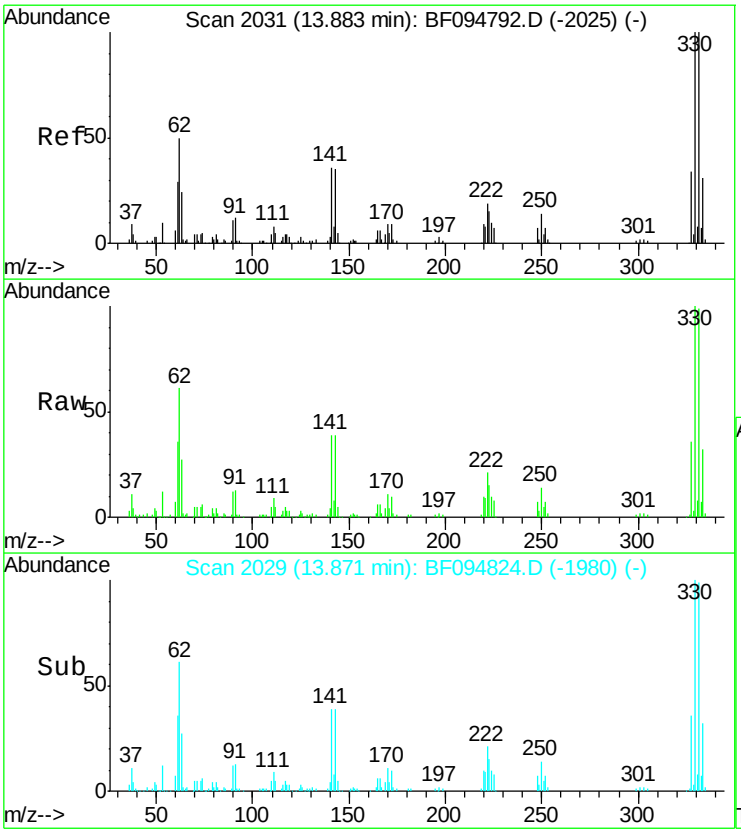
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:164 Resp: 163700

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.6	36.2	54.2

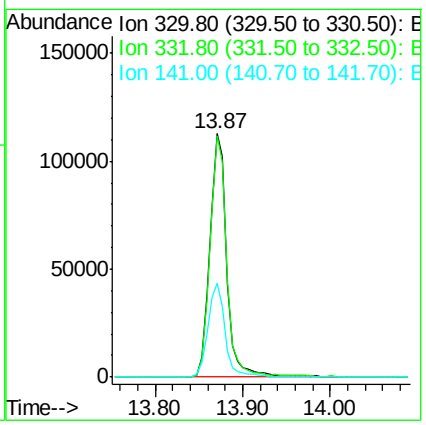


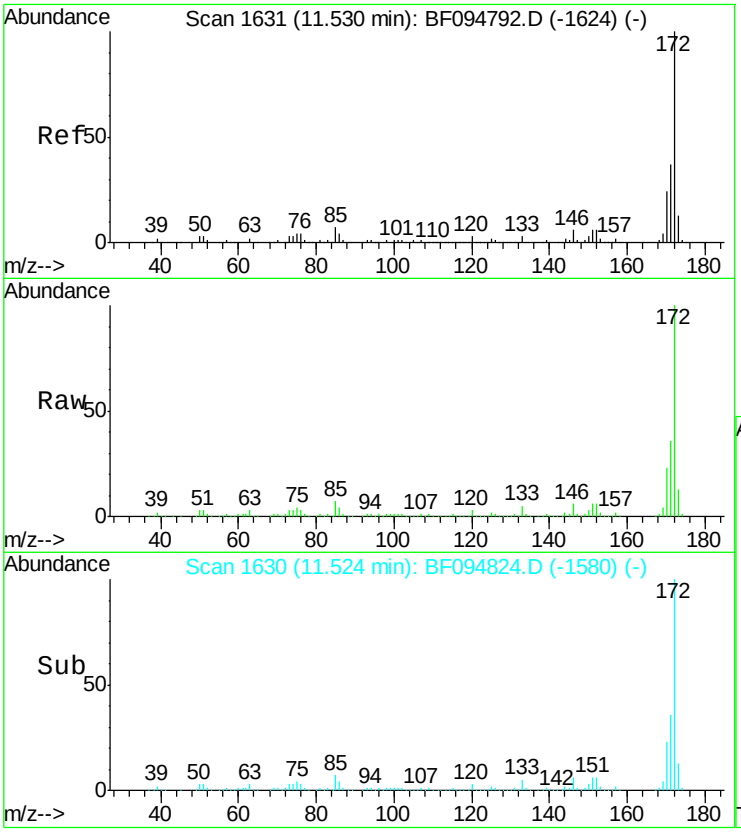


#41
2,4,6-Tribromophenol
Concen: 113.287 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:330 Resp: 151878

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	39.0	31.4	47.2



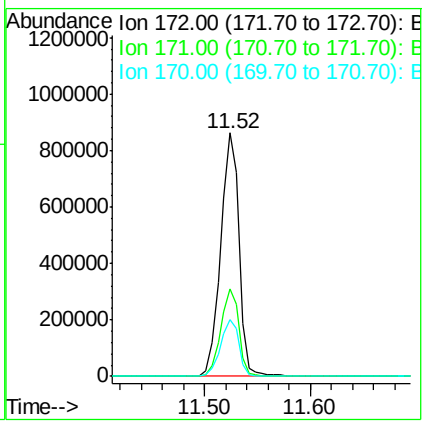


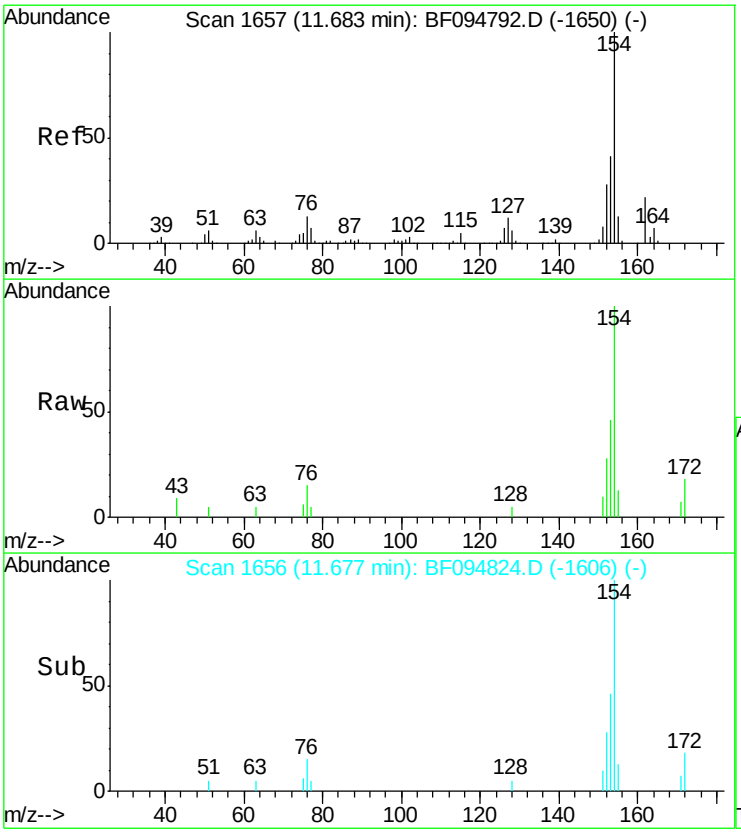
#44
2-Fluorobiphenyl
Concen: 92.064 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:172 Resp: 1047072

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8

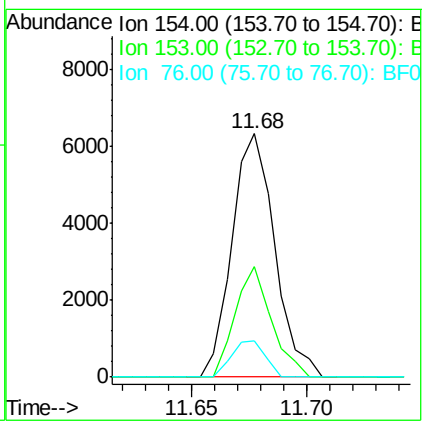


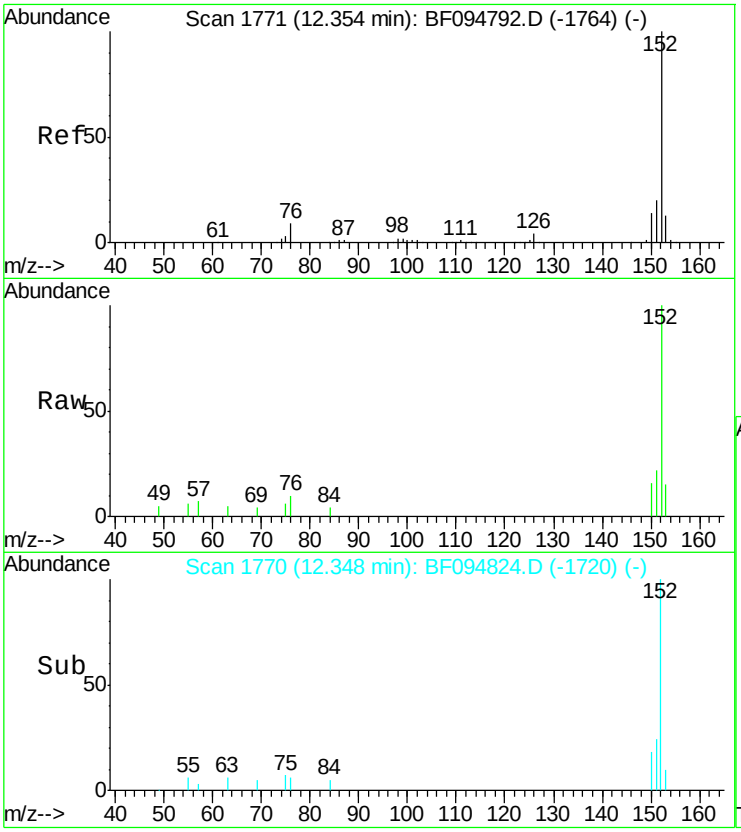


#45
1,1'-Biphenyl
Concen: 0.594 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:154 Resp: 8183

Ion	Ratio	Lower	Upper
154	100		
153	45.6	21.2	61.2
76	15.1	0.0	29.9



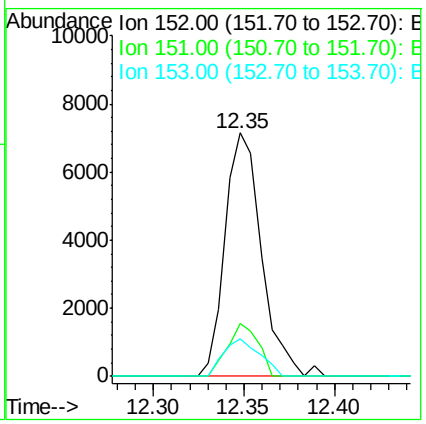


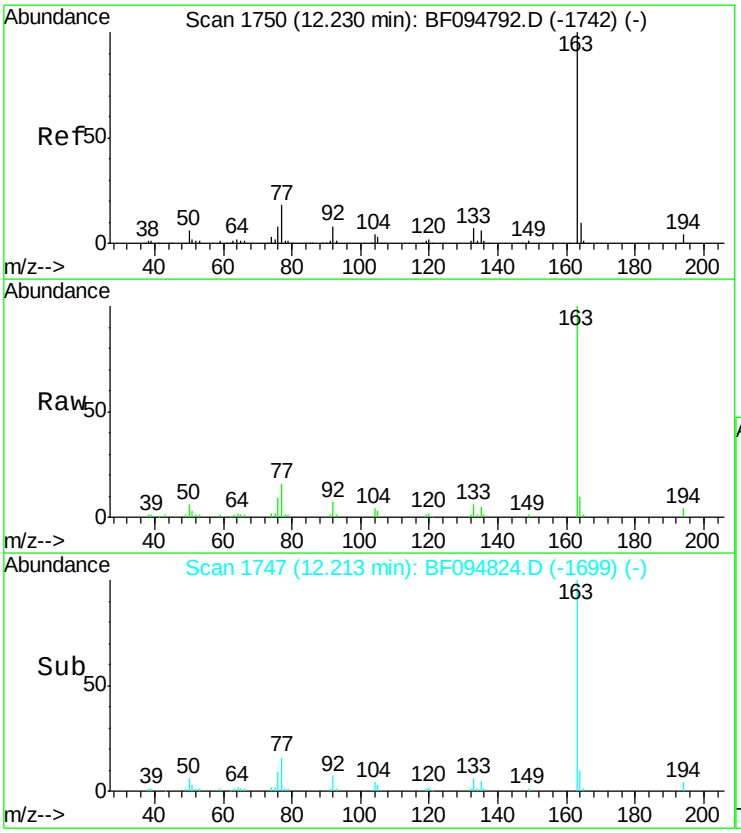
#48
Acenaphthylene
Concen: 0.574 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:152 Resp: 10012

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	15.4	10.8	16.2

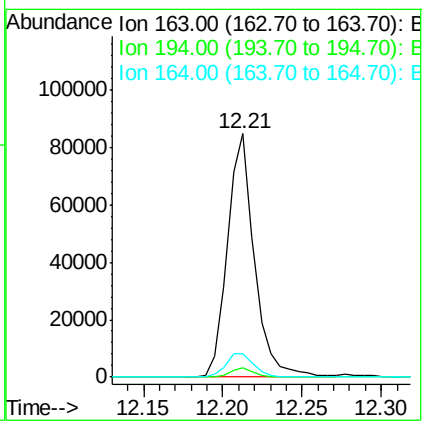


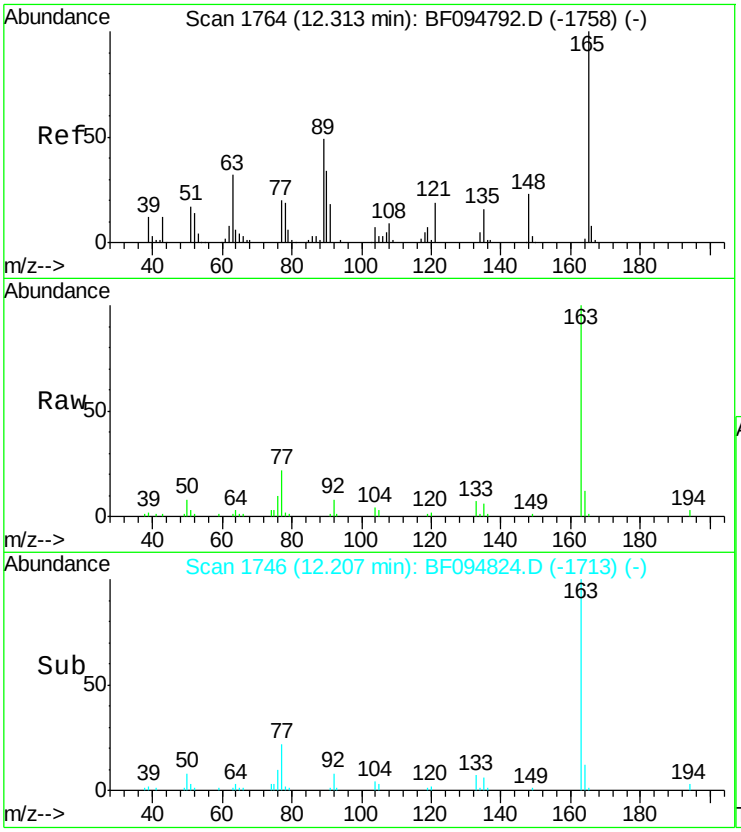


#49
Dimethylphthalate
Concen: 7.450 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:163 Resp: 100124

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6



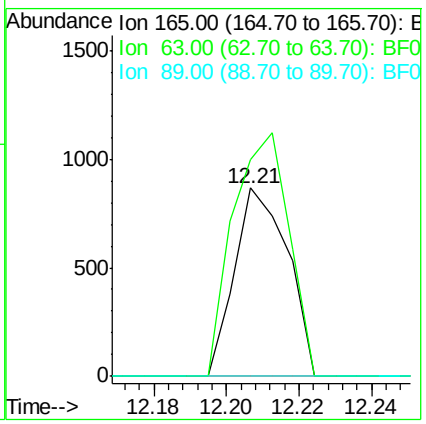


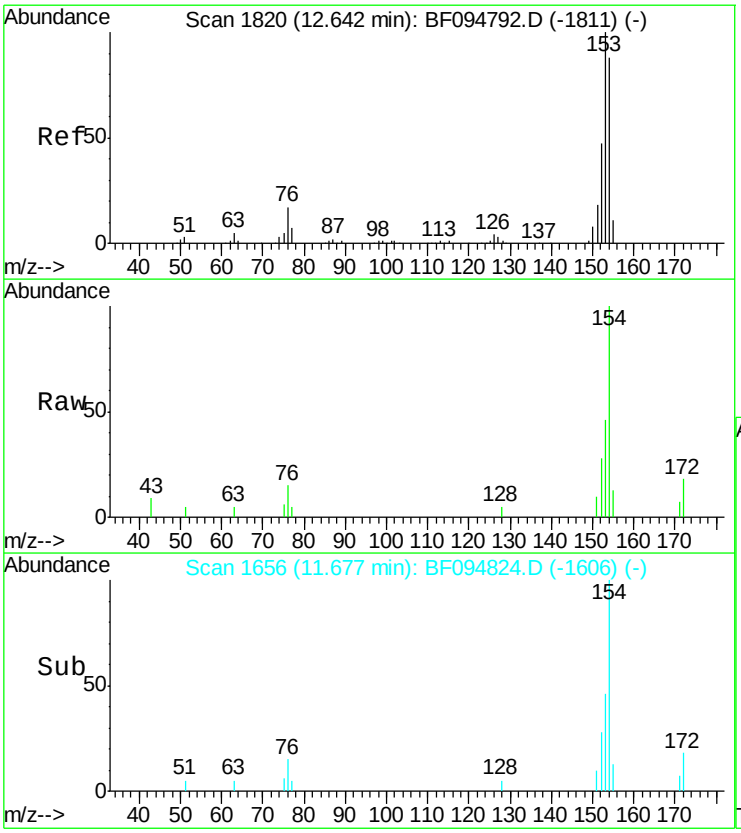
#50
2,6-Dinitrotoluene
Concen: 0.325 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.11 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:165 Resp: 891

Ion	Ratio	Lower	Upper
165	100		
63	114.9	34.3	51.5#
89	0.0	37.1	55.7#

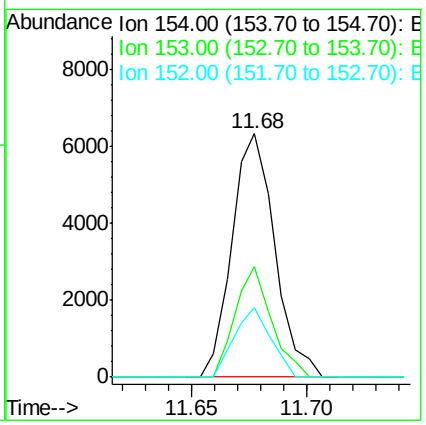


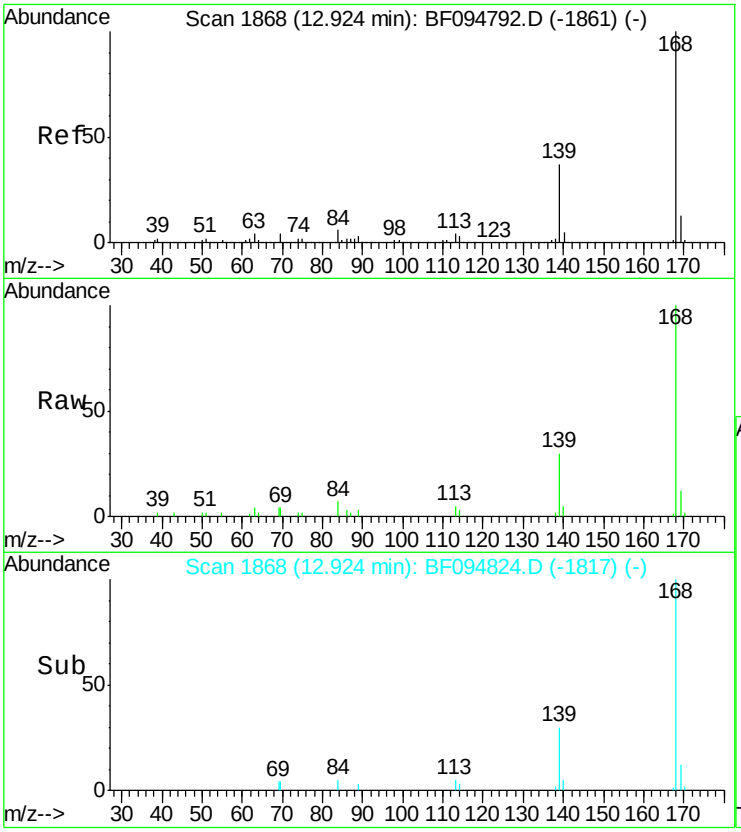


#51
Acenaphthene
Concen: 0.594 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:154 Resp: 8183

Ion	Ratio	Lower	Upper
154	100		
153	45.6	90.5	135.7#
152	28.4	43.6	65.4#



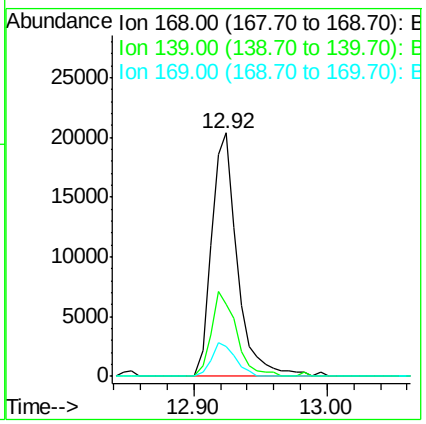


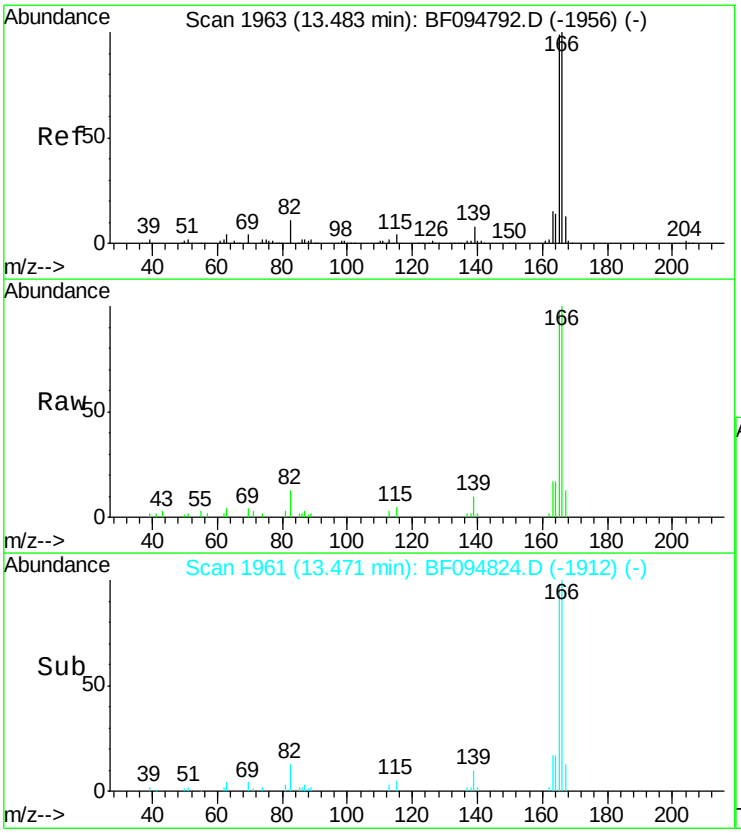
#54
Dibenzofuran
Concen: 1.920 ng
RT: 12.92 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:168 Resp: 27666

Ion	Ratio	Lower	Upper
168	100		
139	29.8	30.6	45.8#
169	12.1	10.8	16.2

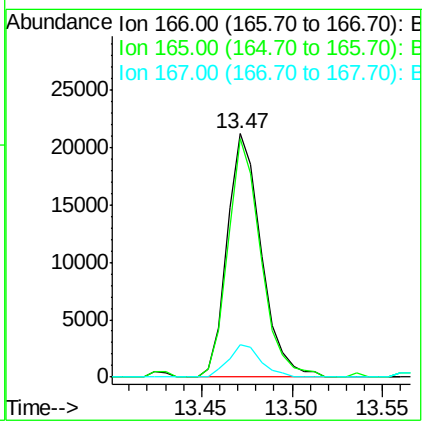


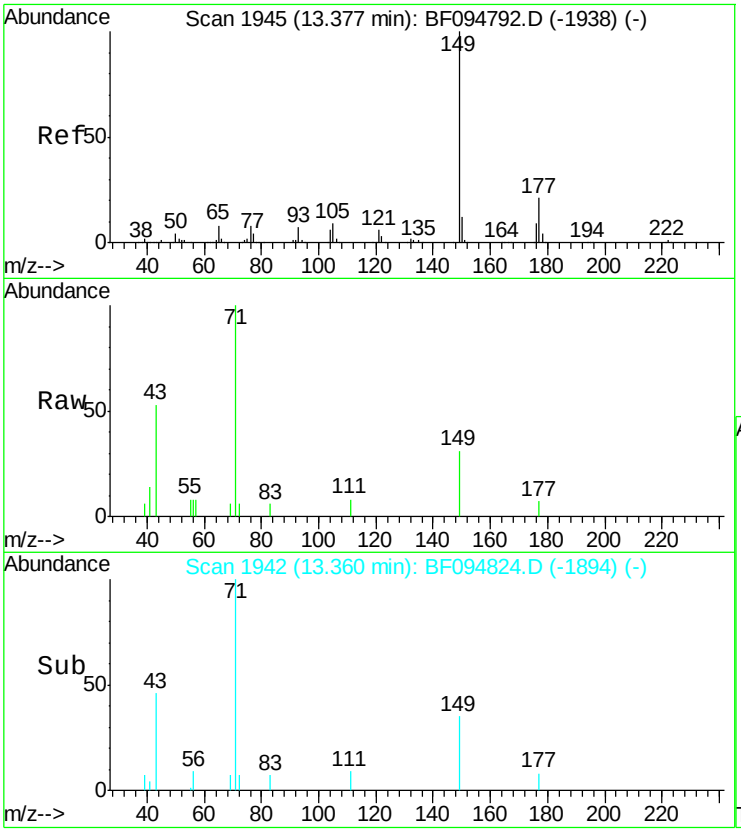


#57
Fluorene
Concen: 2.209 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:166 Resp: 27671

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.8	118.2
167	13.3	10.6	16.0



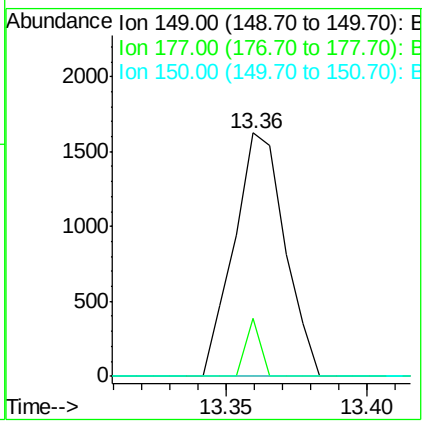


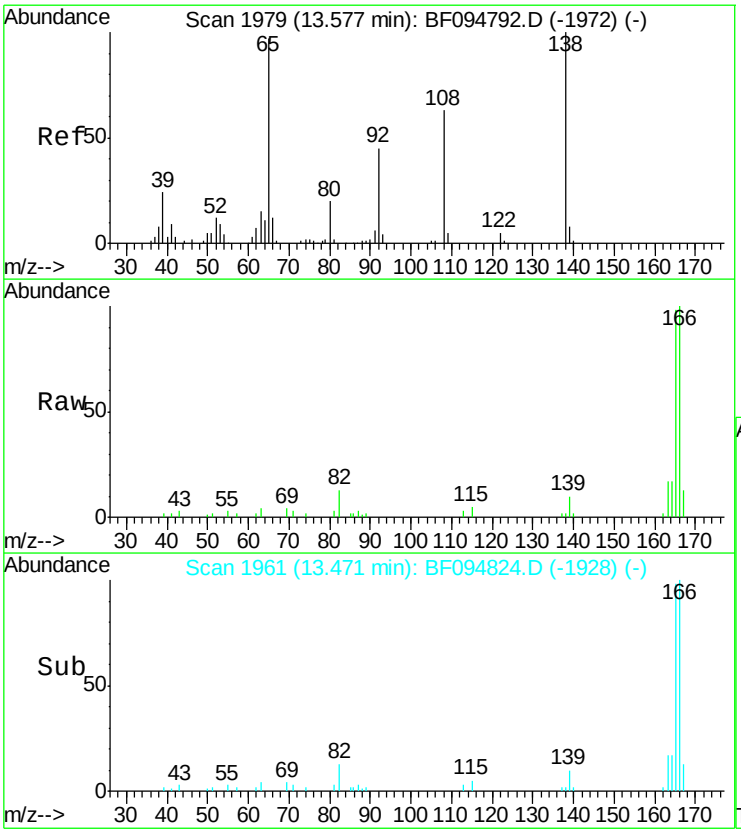
#59
Diethylphthalate
Concen: 0.157 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:149 Resp: 2028

Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.7	25.1
150	0.0	10.2	15.2#

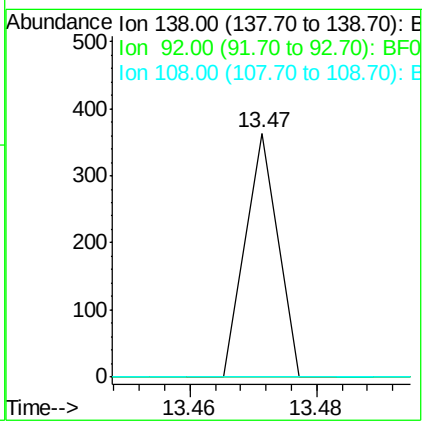


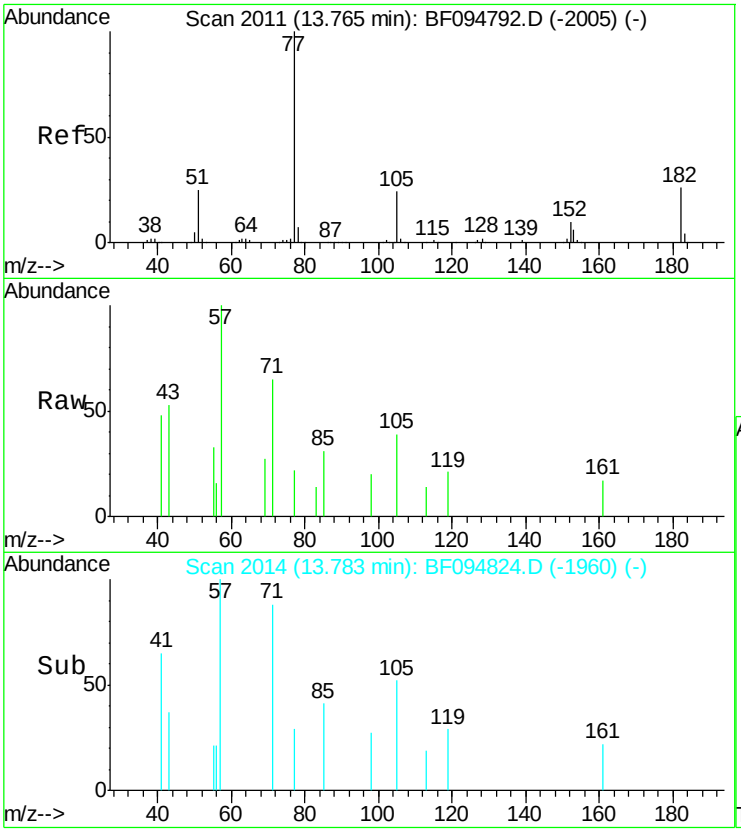


#61
4-Nitroaniline
Concen: 0.047 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.11 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:138 Resp: 128

Ion	Ratio	Lower	Upper
138	100		
92	0.0	21.8	61.8#
108	0.0	42.3	82.3#



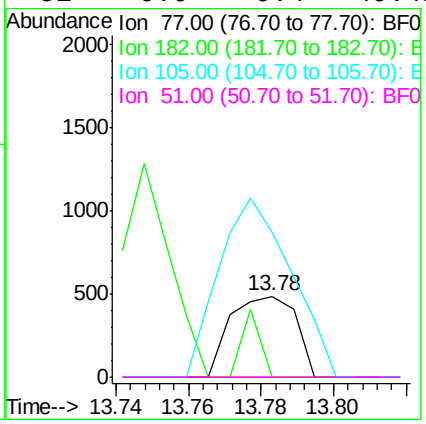


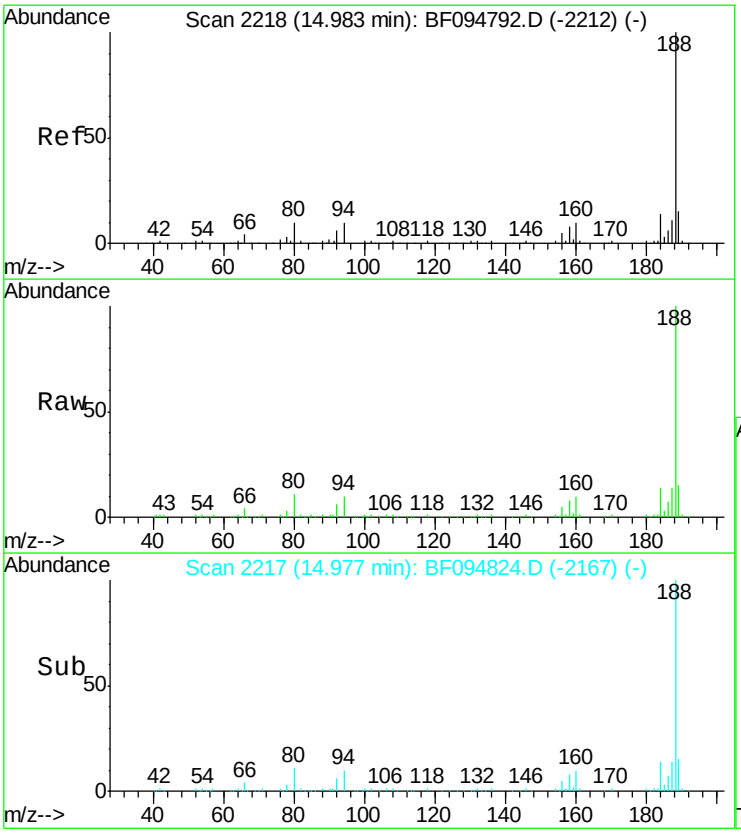
#62
Azobenzene
Concen: 0.059 ng
RT: 13.78 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 77 Resp: 608

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	179.0	3.6	43.6#
51	0.0	9.4	49.4#

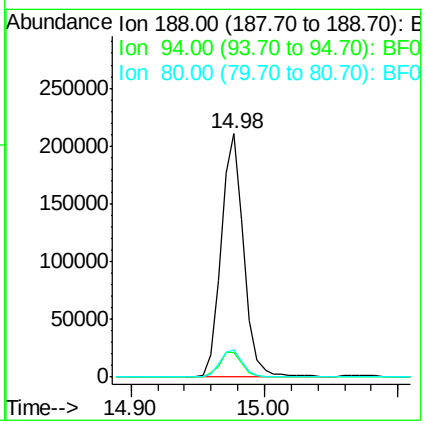


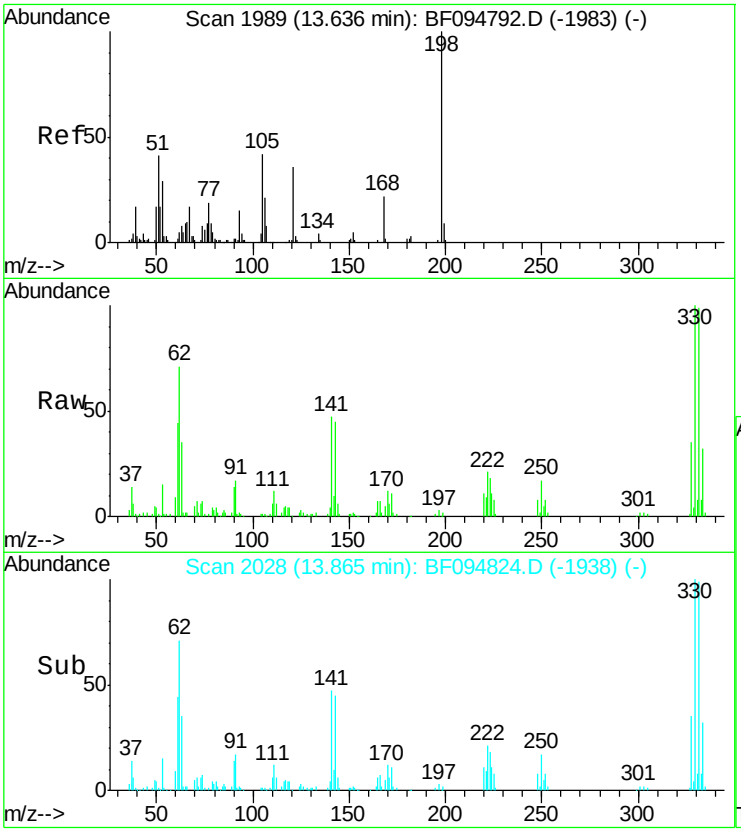


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:188 Resp: 250981

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2



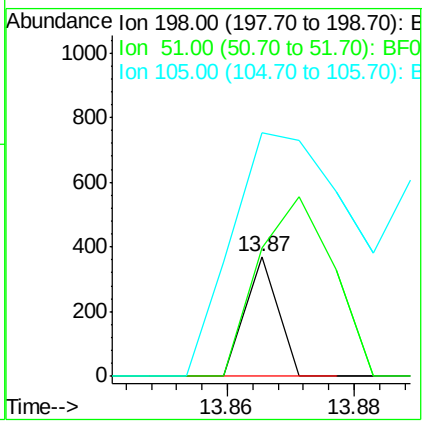


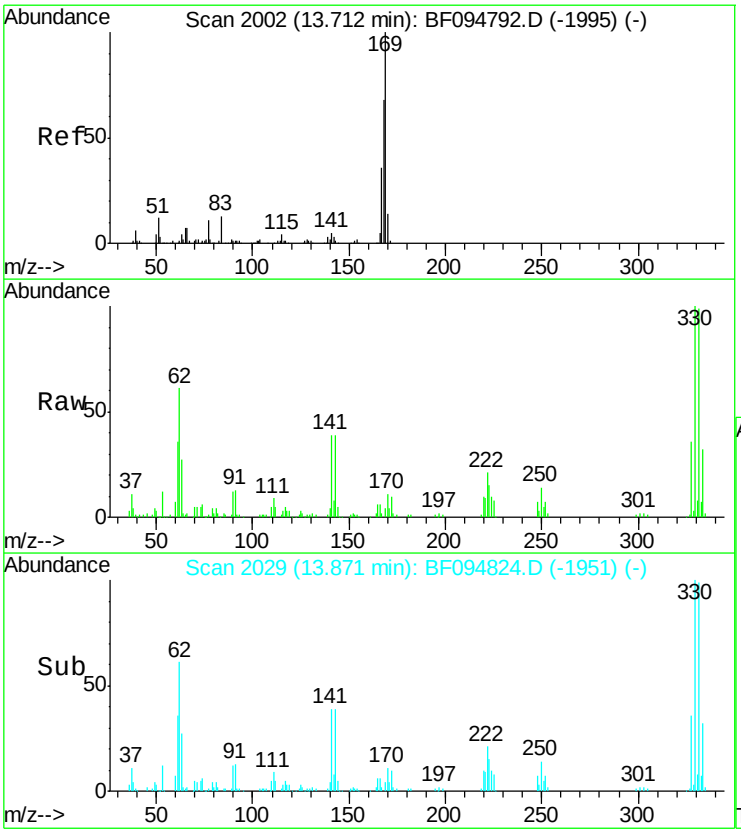
#64
4,6-Dinitro-2-methylphenol
Concen: 0.078 ng
RT: 13.87 min Scan# 2028
Delta R.T. 0.23 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	107.3	53.2	93.2#
105	203.0	45.8	85.8#

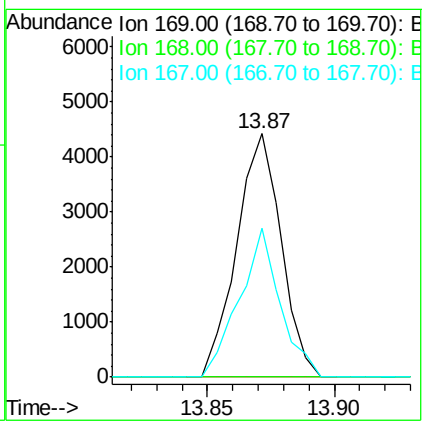


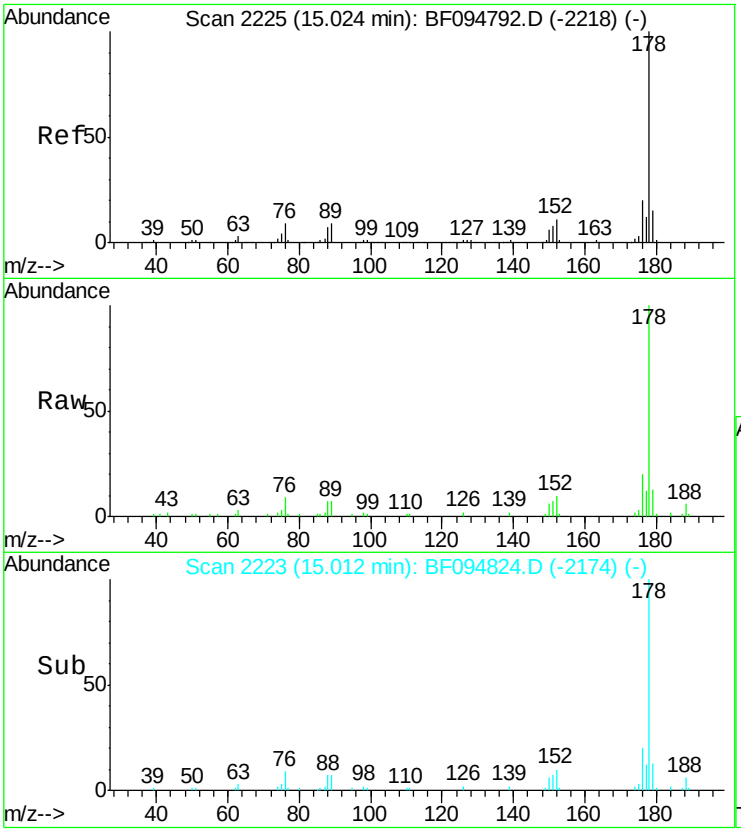


#65
n-Nitrosodiphenylamine
Concen: 0.593 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.16 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:169 Resp: 5406

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	61.1	29.5	44.3#



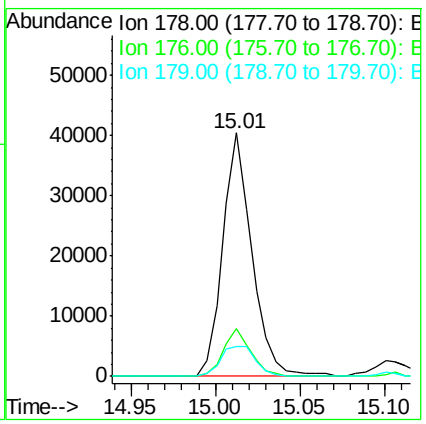


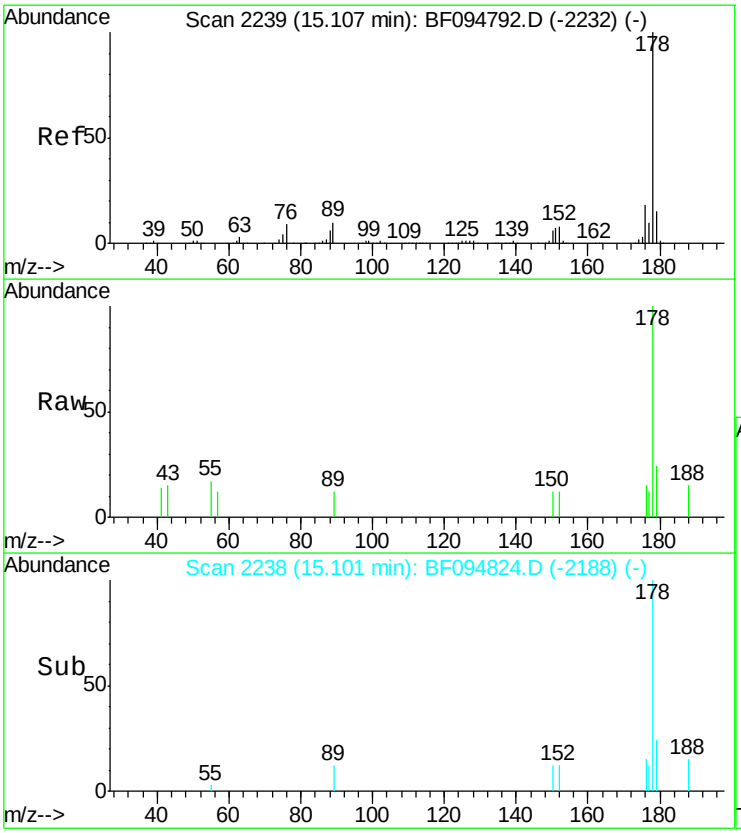
#70
Phenanthrene
Concen: 3.365 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:178 Resp: 48531

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	12.5	12.6	19.0#

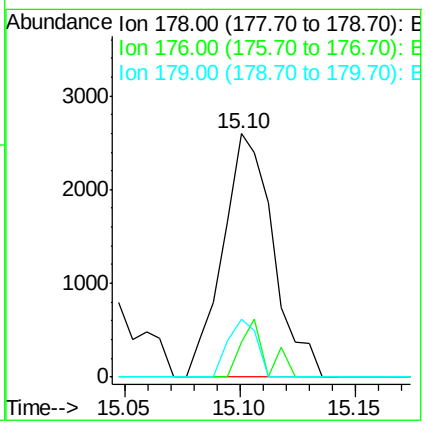


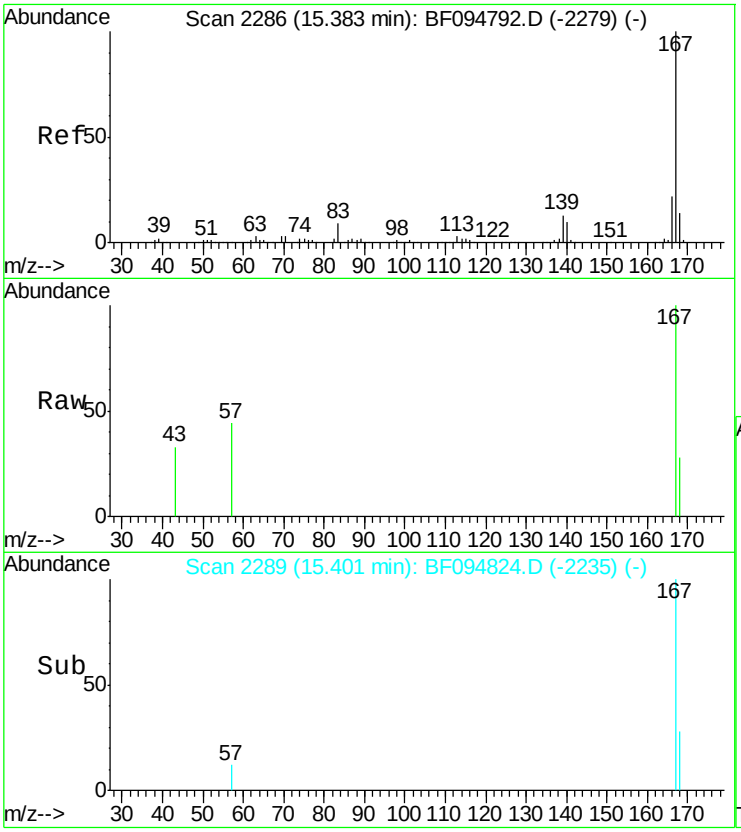


#71
Anthracene
Concen: 0.268 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:178 Resp: 3955

Ion	Ratio	Lower	Upper
178	100		
176	14.6	15.8	23.8#
179	23.6	12.7	19.1#



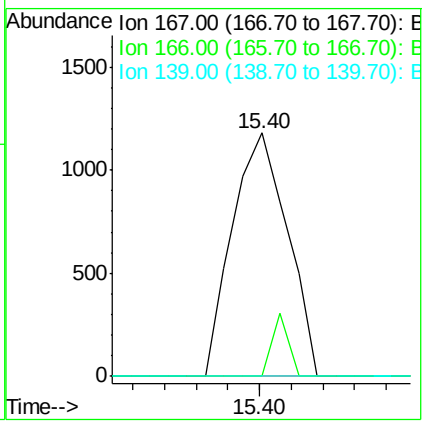


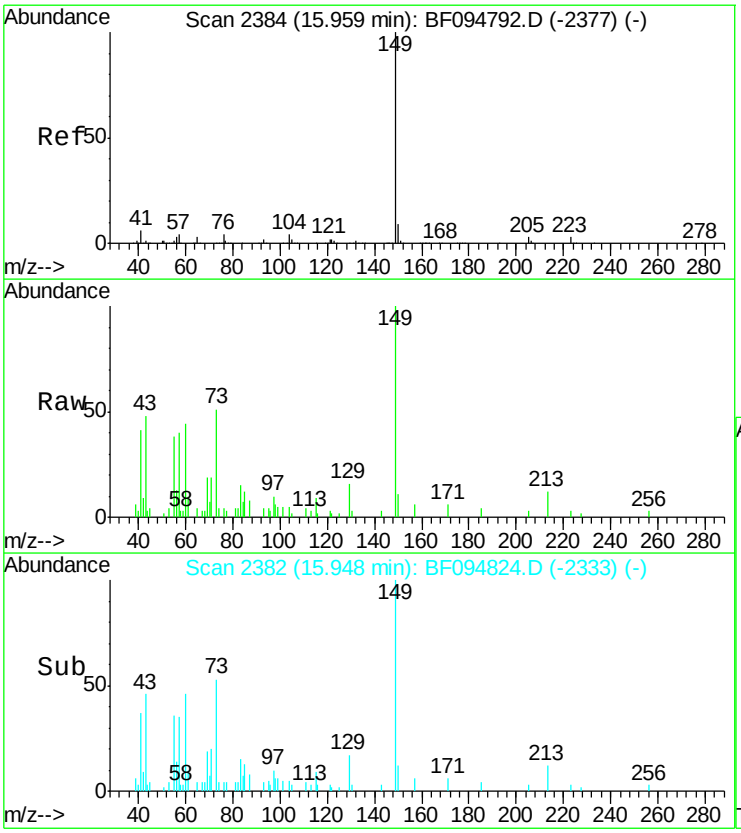
#72
Carbazole
Concen: 0.106 ng
RT: 15.40 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:167 Resp: 1419

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.1	27.1#
139	0.0	11.7	17.5#

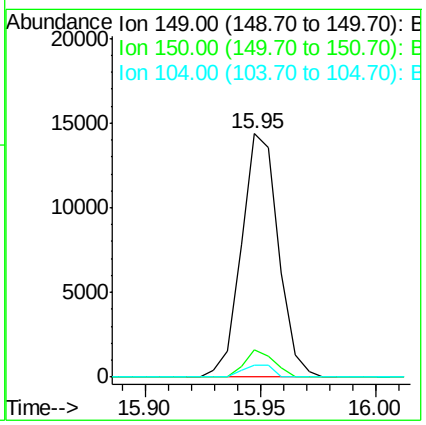


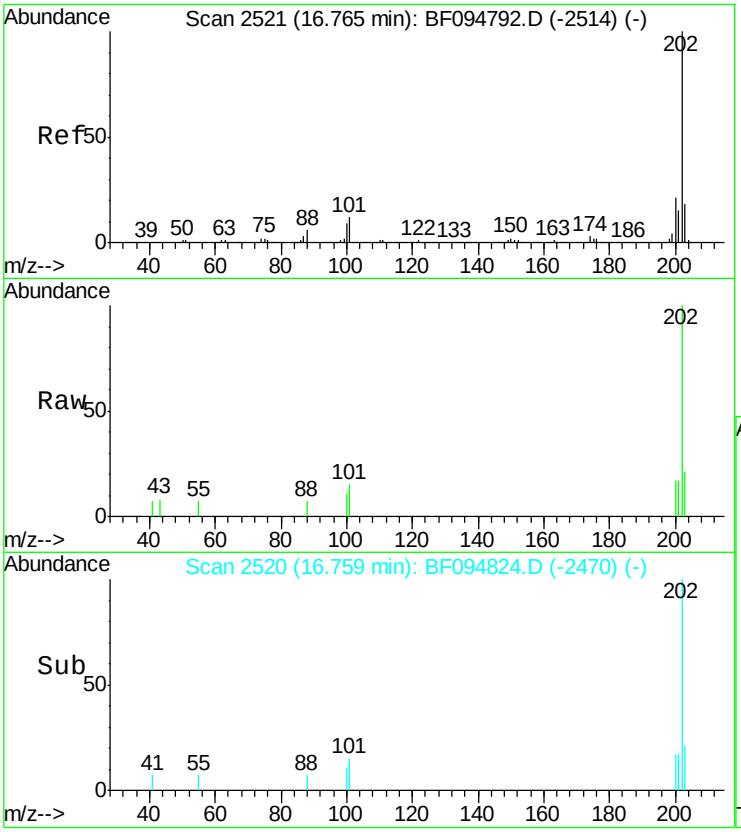


#73
Di-n-butylphthalate
Concen: 0.960 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:149 Resp: 16046

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.7	11.5
104	4.8	4.0	6.0



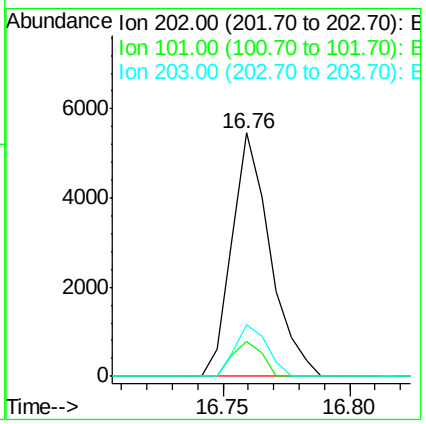


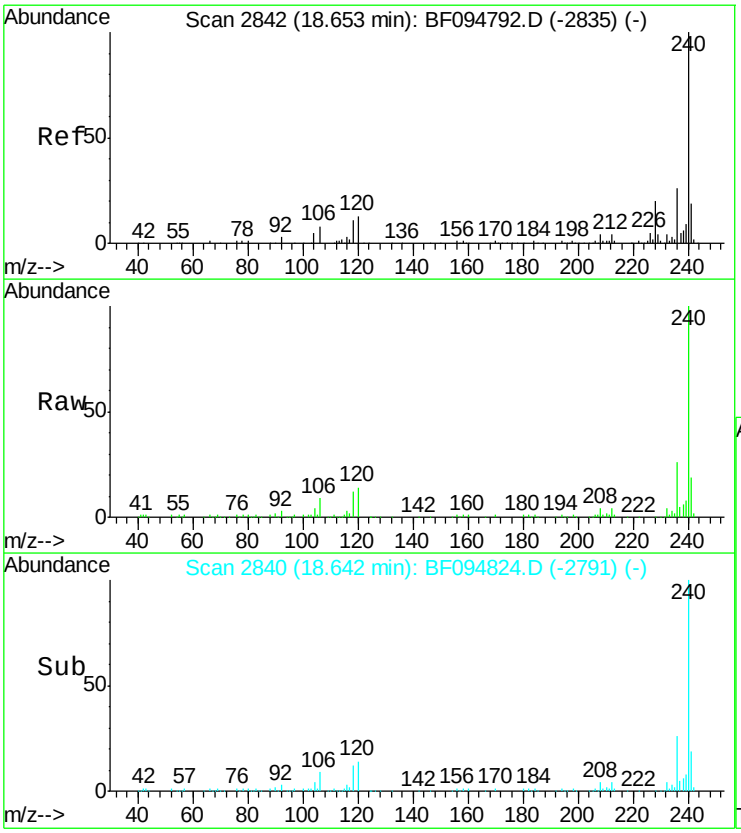
#74
Fluoranthene
Concen: 0.386 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:202 Resp: 5714

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	21.2	0.0	38.1

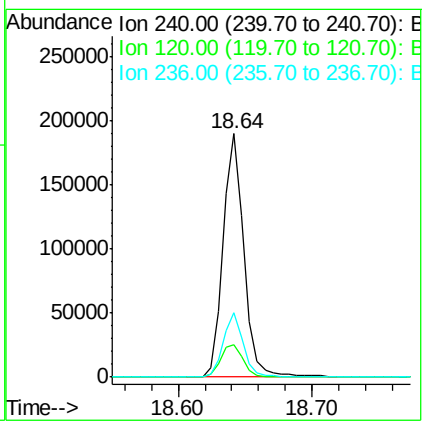


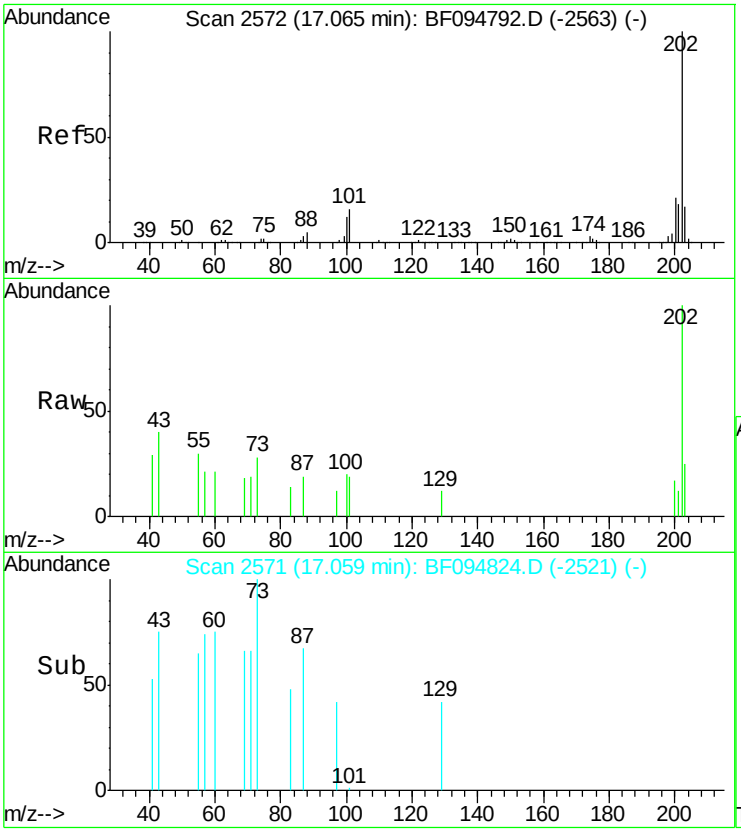


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:240 Resp: 209752

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.5	20.5	30.7



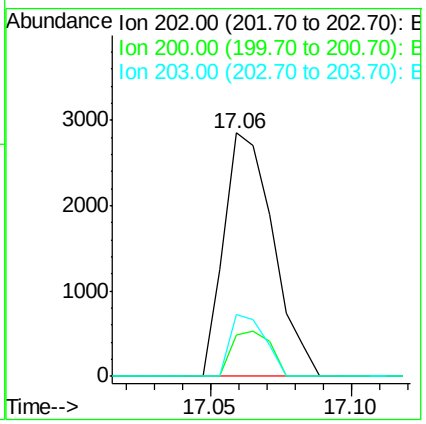


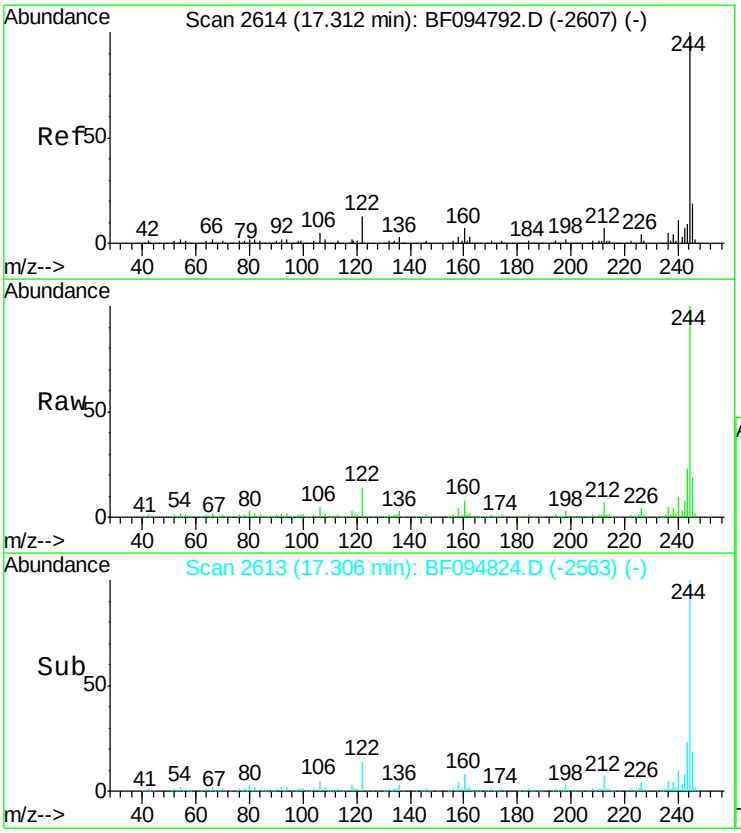
#77
Pyrene
Concen: 0.221 ng
RT: 17.06 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:202 Resp: 3463

Ion	Ratio	Lower	Upper
202	100		
200	17.0	17.6	26.4#
203	25.4	14.4	21.6#

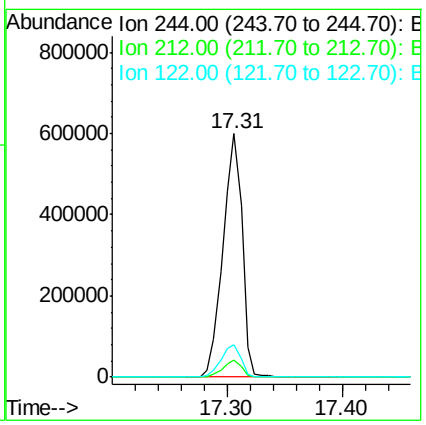


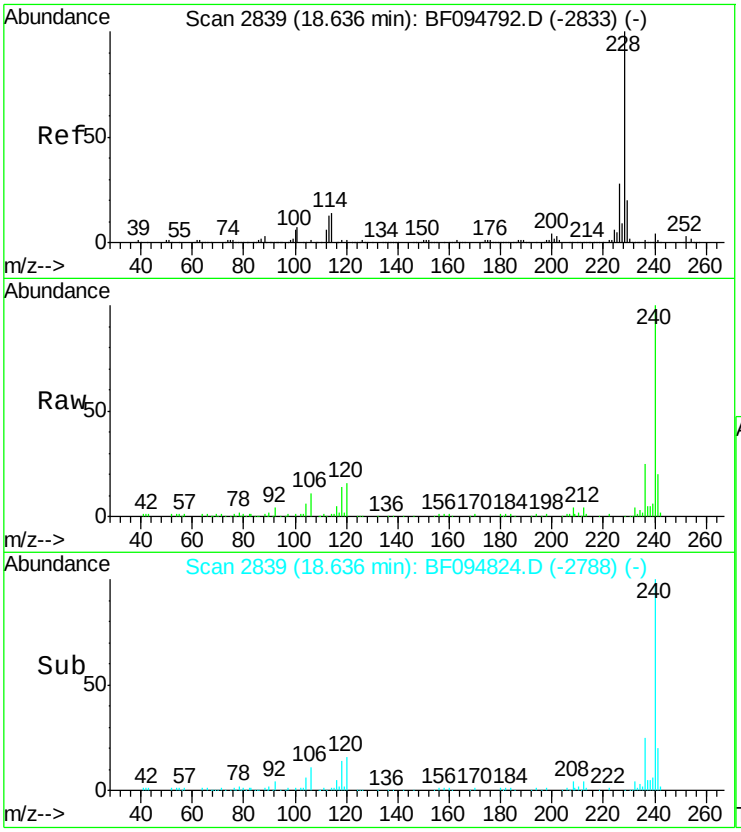


#78
Terphenyl-d14
Concen: 72.350 ng
RT: 17.31 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:244 Resp: 688994

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.5	10.3	15.5



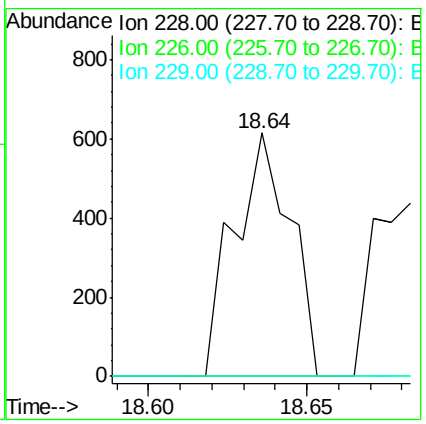


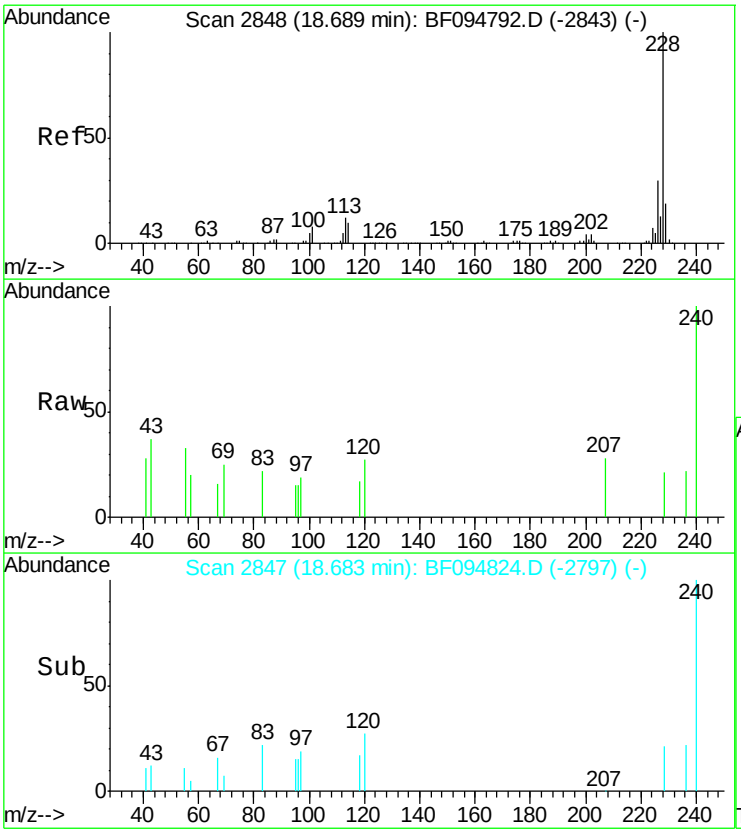
#80
Benzo(a)anthracene
Concen: 0.062 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:228 Resp: 756

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#

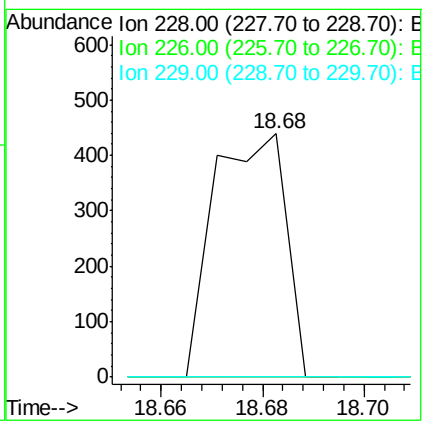


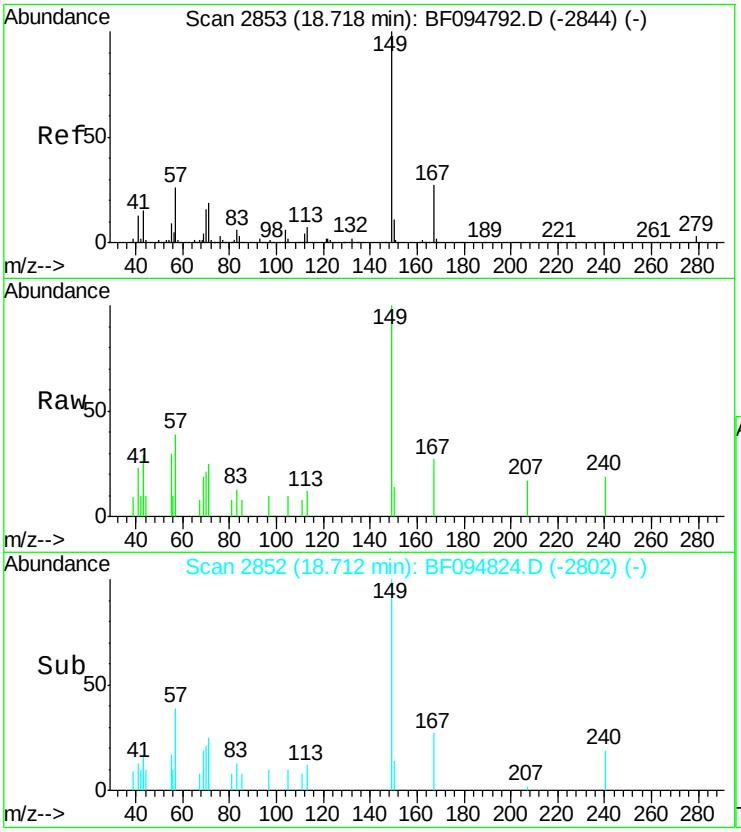


#82
Chrysene
Concen: 0.037 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:228 Resp: 433

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#



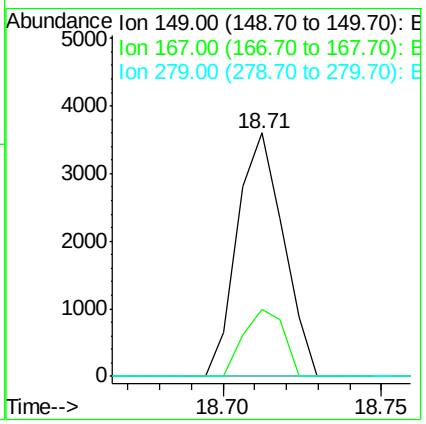


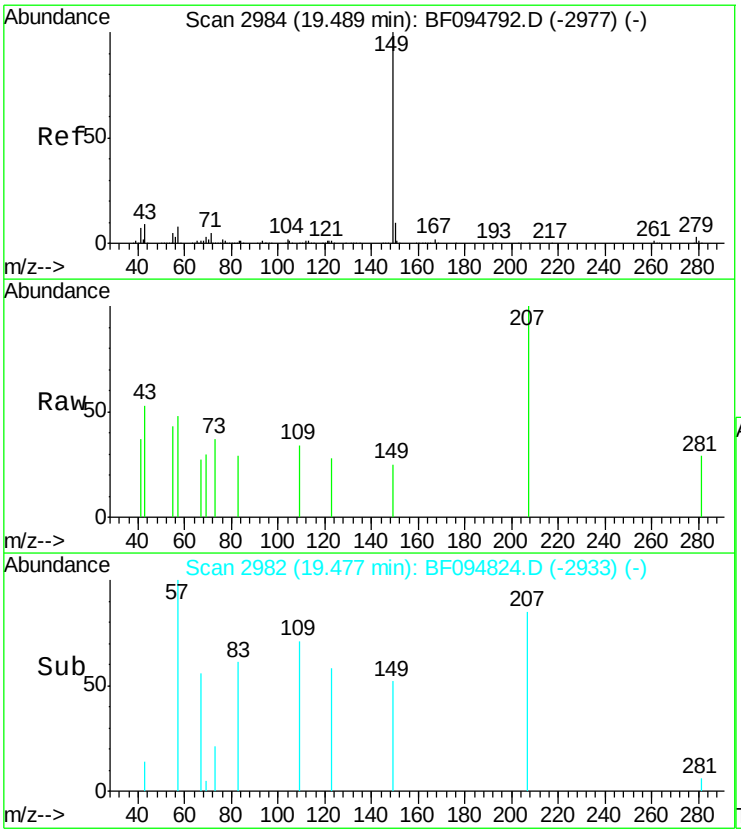
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:149 Resp: 3619

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	0.0	1.9	2.9#

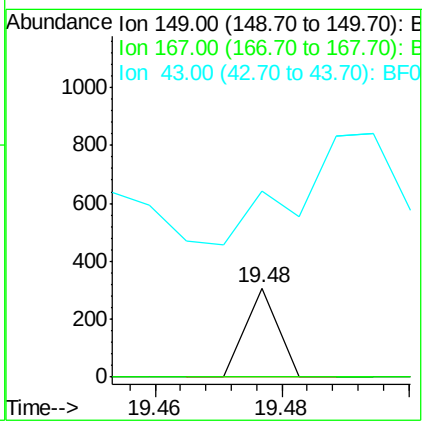


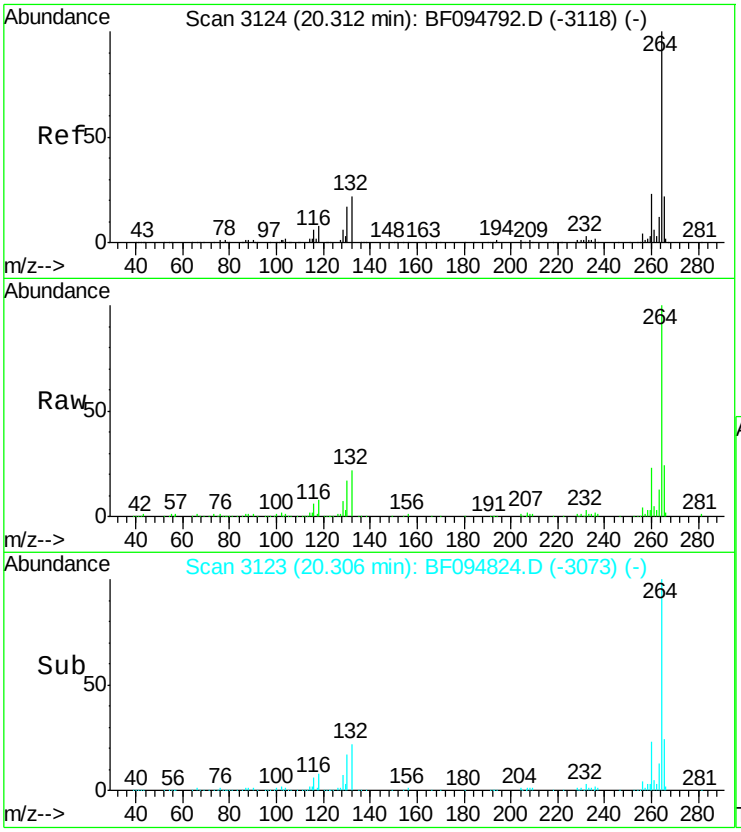


#84
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 19.48 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:149 Resp: 108

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	535.2	8.5	12.7#



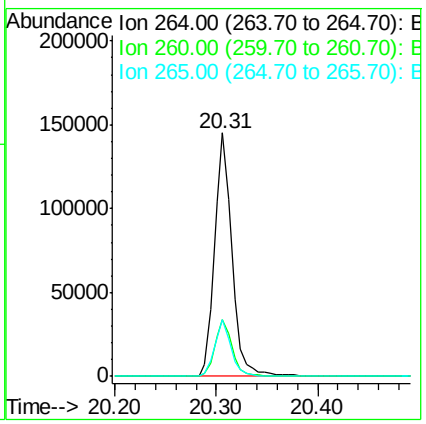


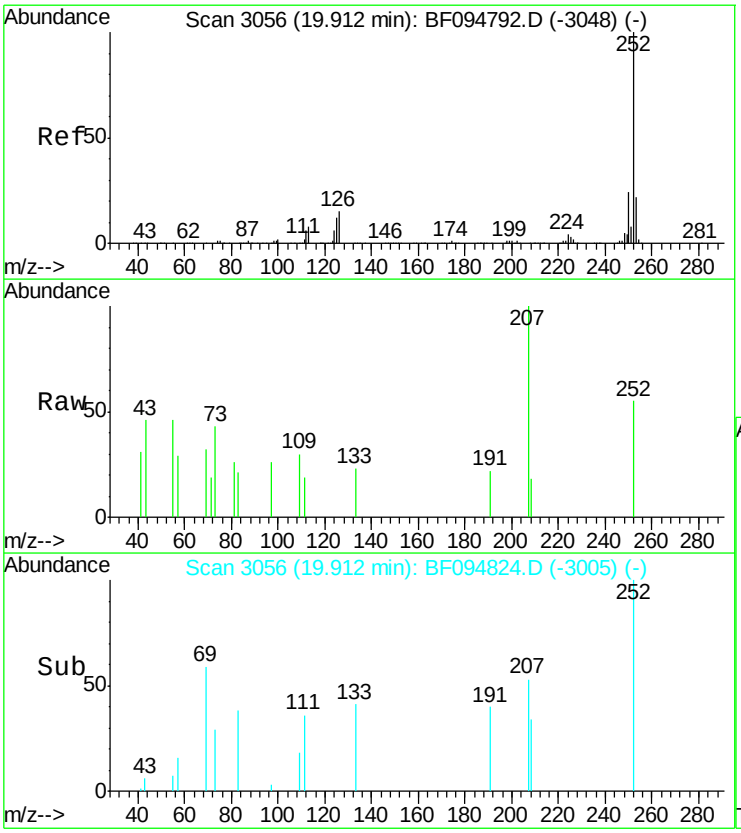
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:264 Resp: 173347

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	23.5	17.2	25.8

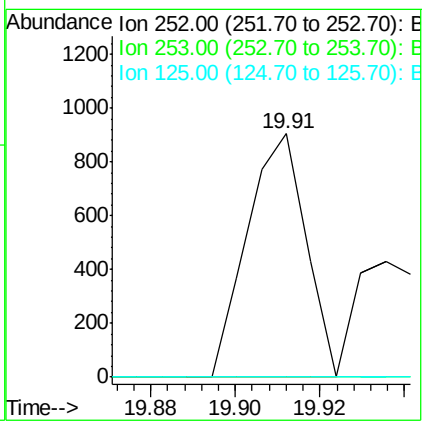


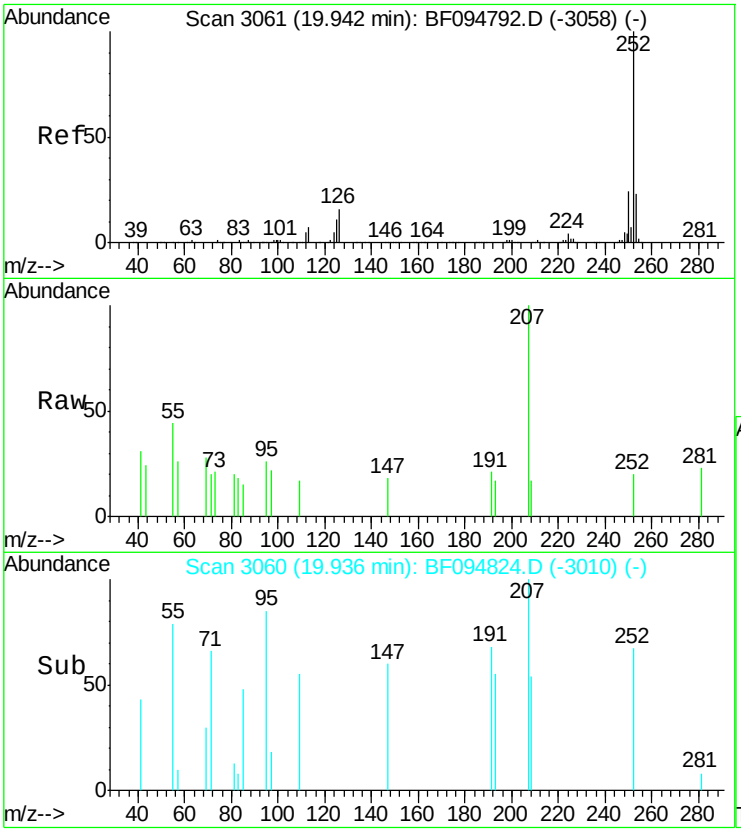


#87
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 19.91 min Scan# 3056
Delta R.T. -0.00 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:252 Resp: 873

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.8	14.8#



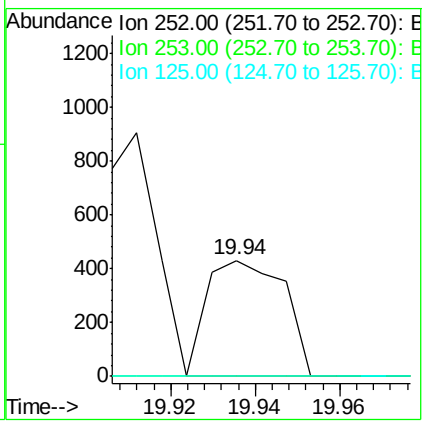


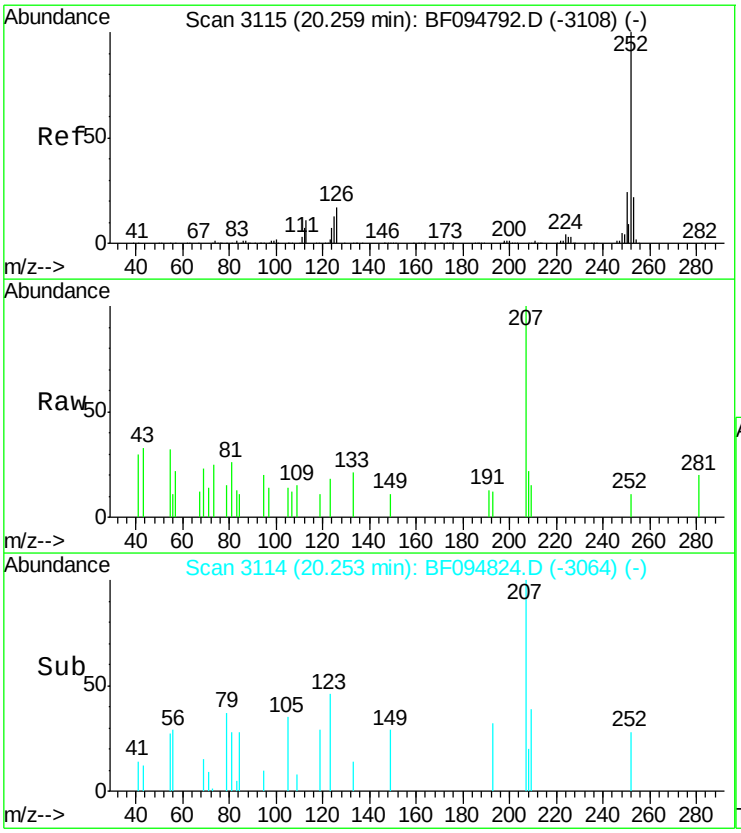
#88
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 19.94 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:252 Resp: 549

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 0.011 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094824.D
Acq: 3 May 2017 8:52

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	11.0	16.4#