Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
Data File : BF099156.D
Acq On : 6 Oct 2017 19:19
Operator : SJ/JU
Sample : I5571-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 06 22:58:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143900	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	583428	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	265518	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	460499	20.00	ng		0.00
75) Chrysene-d12	14.02	240	309040	20.00	ng		-0.01
86) Perylene-d12	15.49	264	223749	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	32925	3.64	ng		0.00
7) Phenol-d6	6.48	99	30212	2.71	ng		-0.02
23) Nitrobenzene-d5	7.42	82	60826	6.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	11867	5.46	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	114634	7.21	ng		-0.01
78) Terphenyl-d14	12.96	244	65312	4.81	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	14025	2.17	ng		94
10) Phenol	6.50	94	25553	2.05	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	26570	2.74	ng		95
12) 1,3-Dichlorobenzene	6.80	146	25921	2.42	ng		97
13) 1,4-Dichlorobenzene	6.88	146	26461	2.43	ng		98
14) 1,2-Dichlorobenzene	7.03	146	25354	2.52	ng		96
15) Benzyl Alcohol	7.00	79	17481	2.14	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	37124	2.46	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	19837	2.79	ng		94
22) Acetophenone	7.26	105	41594	2.94	ng	#	98
24) Nitrobenzene	7.44	77	32785	3.18	ng		97
25) Isophorone	7.67	82	53542	2.85	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	31040	2.65	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	20088	2.50	ng		98
31) Naphthalene	8.16	128	74660	2.72	ng		99
34) Hexachlorobutadiene	8.28	225	8726	2.11	ng		99
37) 2-Methylnaphthalene	8.86	142	49499	2.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	17984	2.27	ng		97
45) 1,1'-Biphenyl	9.32	154	60131	2.64	ng		97
46) 2-Chloronaphthalene	9.35	162	45701	2.67	ng		93
47) 2-Nitroaniline	9.44	65	11980	2.28	ng		95
48) Acenaphthylene	9.76	152	68551	2.61	ng		98
49) Dimethylphthalate	9.61	163	115767	5.78	ng		99
50) 2,6-Dinitrotoluene	9.67	165	11499	2.64	ng		99
51) Acenaphthene	9.93	154	40579	2.44	ng		97
53) 2,4-Dinitrophenol	9.97	184	401	5.99	ng	#	81
54) Dibenzofuran	10.10	168	63145	2.85	ng		95
56) 2,4-Dinitrotoluene	10.08	165	14505	2.56	ng		97
57) Fluorene	10.45	166	49207	2.77	ng		100
59) Diethylphthalate	10.31	149	58409	2.98	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	21013	2.63	ng		96
62) Azobenzene	10.59	77	45317	2.52	ng		96
65) n-Nitrosodiphenylamine	10.55	169	36950	2.32	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	10750	2.38	ng		93

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Sample : I5571-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 06 22:58:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) Hexachlorobenzene	10.99	284	10859	2.26	ng		96
70) Phenanthrene	11.41	178	67795	2.75	ng		96
71) Anthracene	11.46	178	66842	2.65	ng		97
72) Carbazole	11.62	167	69631	2.82	ng		98
73) Di-n-butylphthalate	11.94	149	74282	2.50	ng		97
74) Fluoranthene	12.60	202	63621	2.55	ng		95
77) Pyrene	12.83	202	64929	2.76	ng		97
79) Butylbenzylphthalate	13.43	149	27452	2.48	ng		93
80) Benzo(a)anthracene	14.01	228	43525	2.33	ng		99
82) Chrysene	14.04	228	42228	2.37	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	49203	3.23	ng		100
85) Indeno(1,2,3-cd)pyrene	16.97	276	31338	2.20	ng		95
87) Benzo(b)fluoranthene	15.06	252	30723	2.23	ng		99
88) Benzo(k)fluoranthene	15.09	252	31718	2.33	ng		99
89) Benzo(a)pyrene	15.43	252	27357	2.17	ng	#	95
90) Dibenzo(a,h)anthracene	16.99	278	25859	2.56	ng		99
91) Benzo(g,h,i)perylene	17.42	276	26101	2.61	ng		97

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

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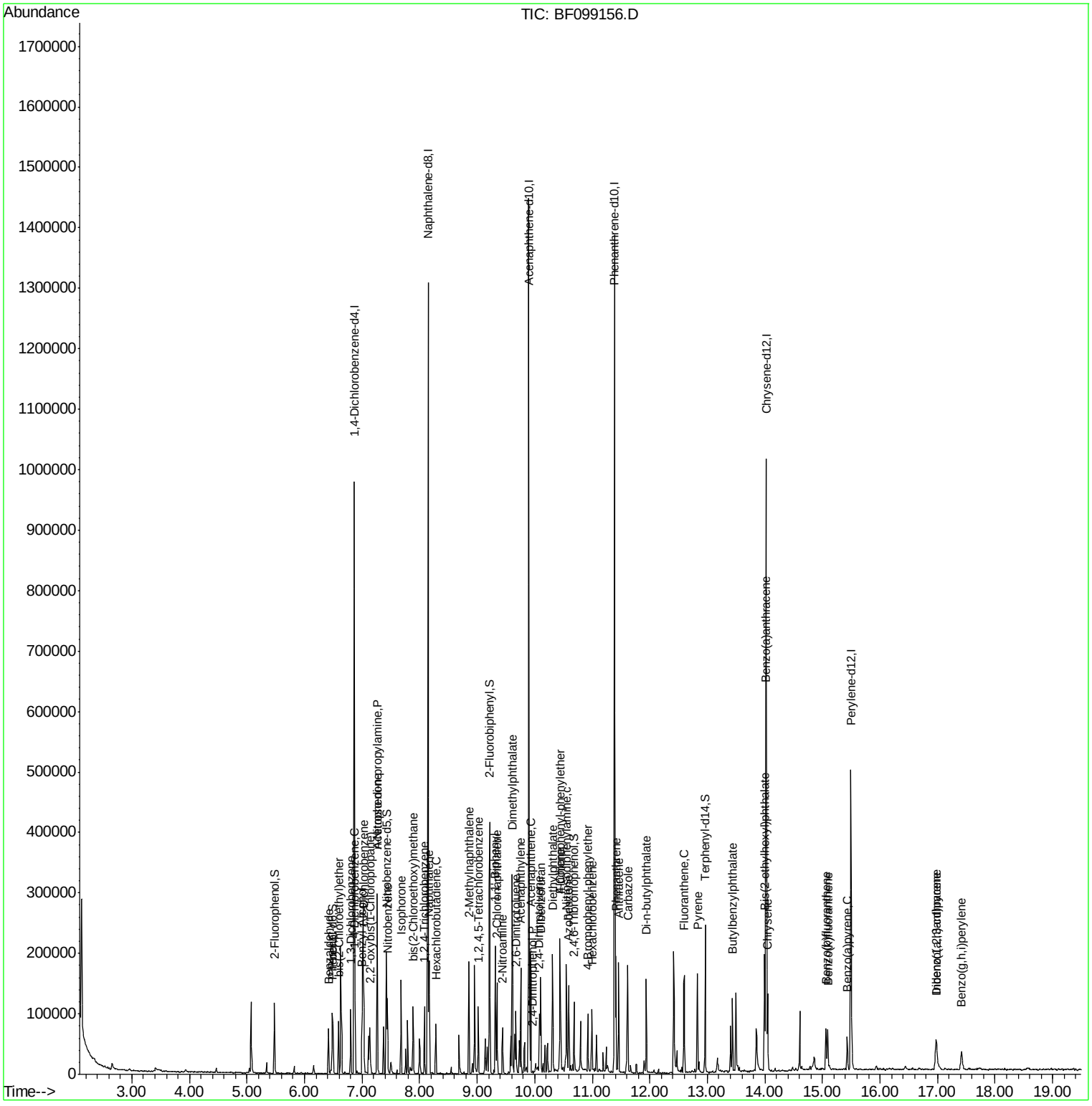
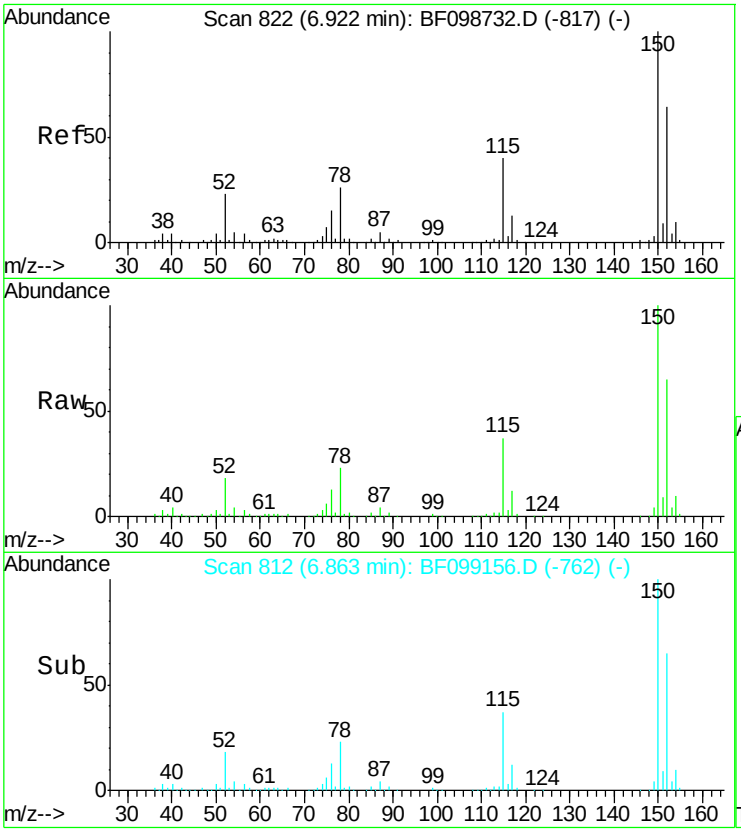


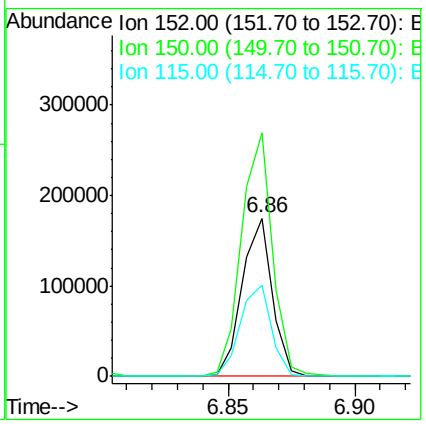


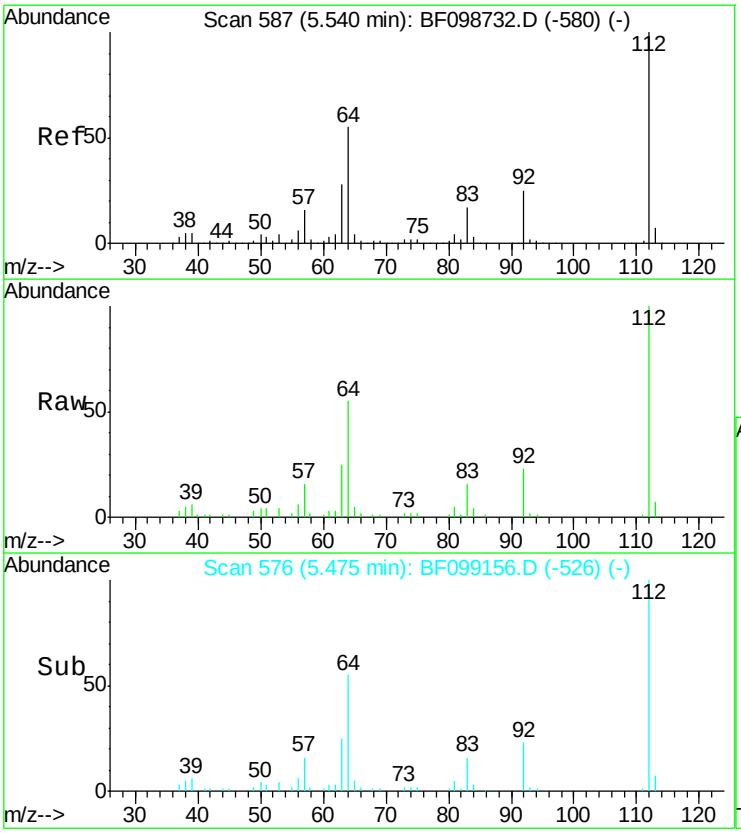
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143900

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	57.4	50.1	75.1

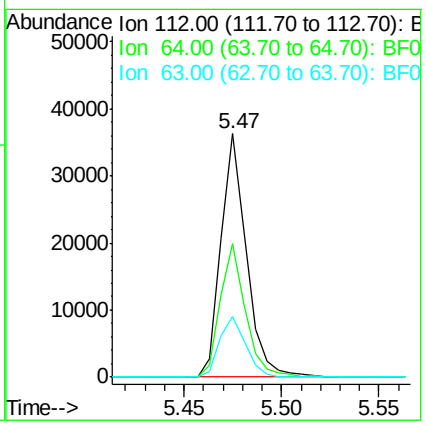


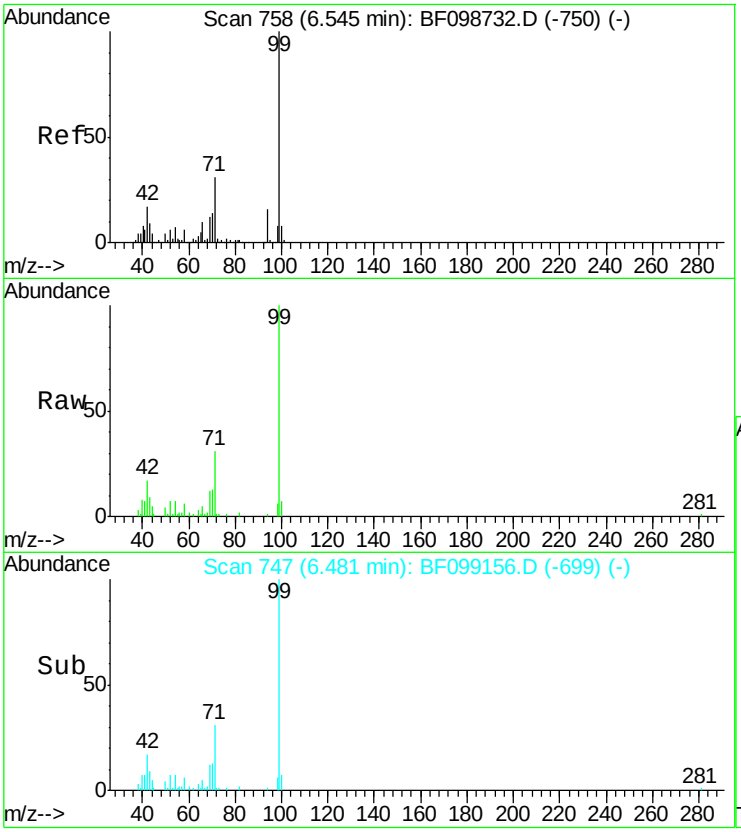


#5
2-Fluorophenol
Concen: 3.64 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:112 Resp: 32925

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	25.1	23.7	35.5



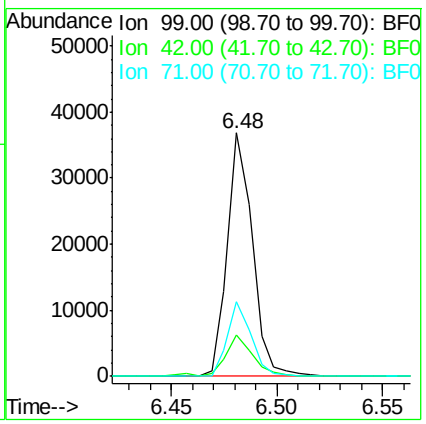


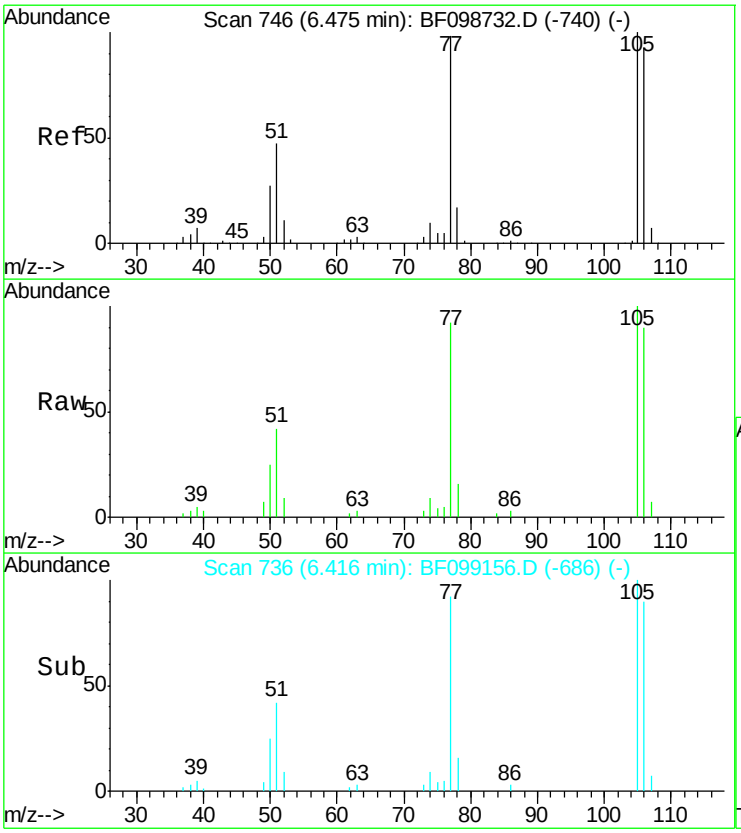
#7
Phenol-d6
Concen: 2.71 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 30212

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	30.7	25.4	38.0

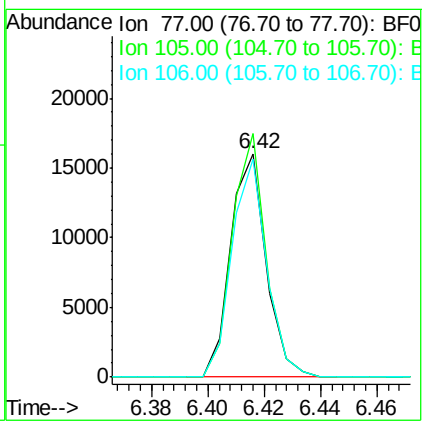


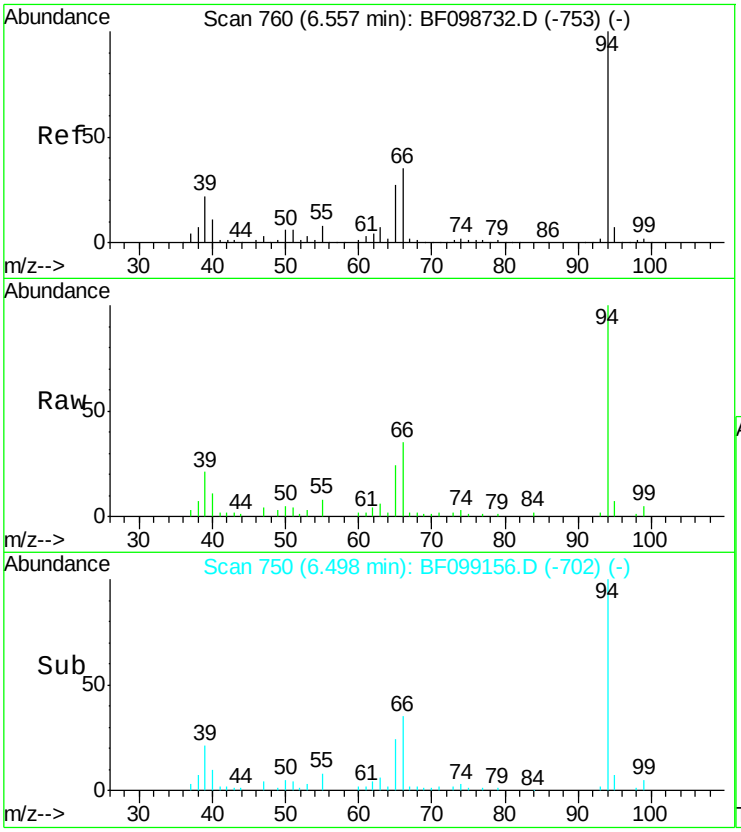


#9
Benzaldehyde
Concen: 2.17 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 77 Resp: 14025

Ion	Ratio	Lower	Upper
77	100		
105	109.0	81.1	121.1
106	97.6	74.5	114.5



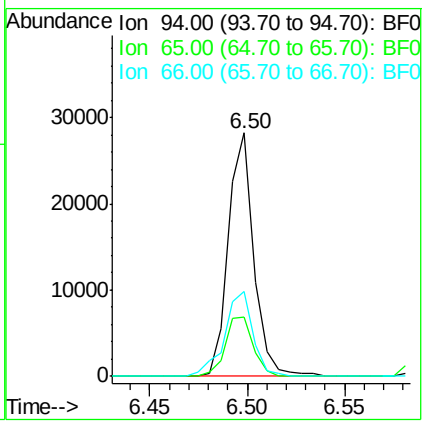


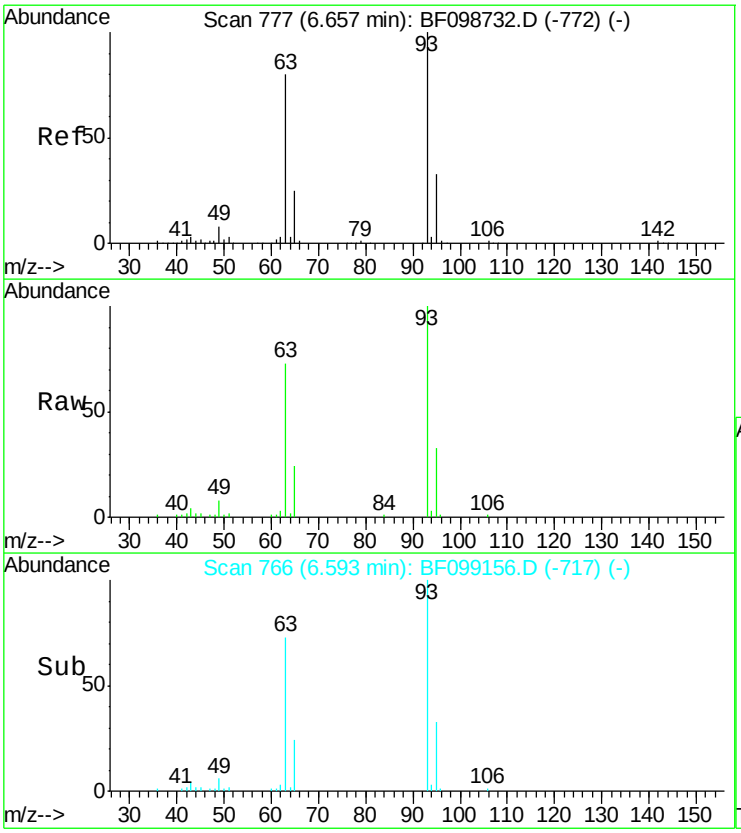
#10
Phenol
Concen: 2.05 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 25553

Ion	Ratio	Lower	Upper
94	100		
65	24.2	7.9	47.9
66	34.9	16.2	56.2

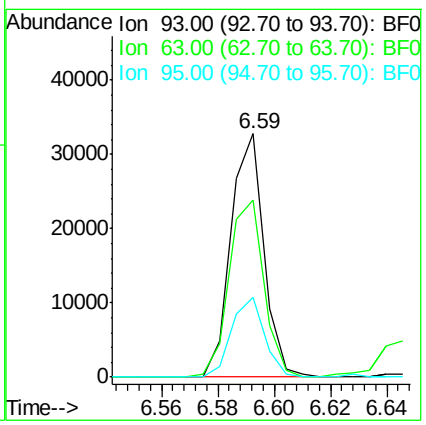


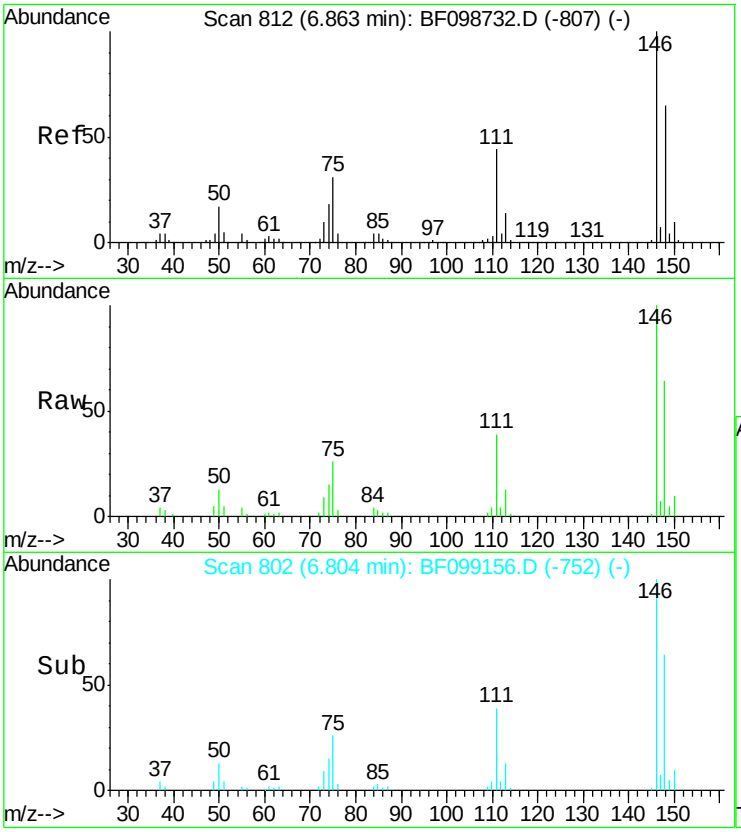


#11
bis(2-Chloroethyl)ether
Concen: 2.74 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 93 Resp: 26570

Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.6	98.6
95	32.8	11.8	51.8



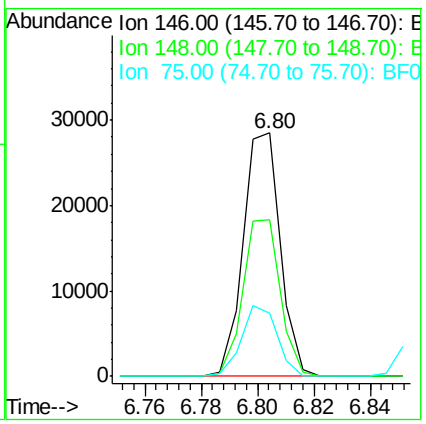


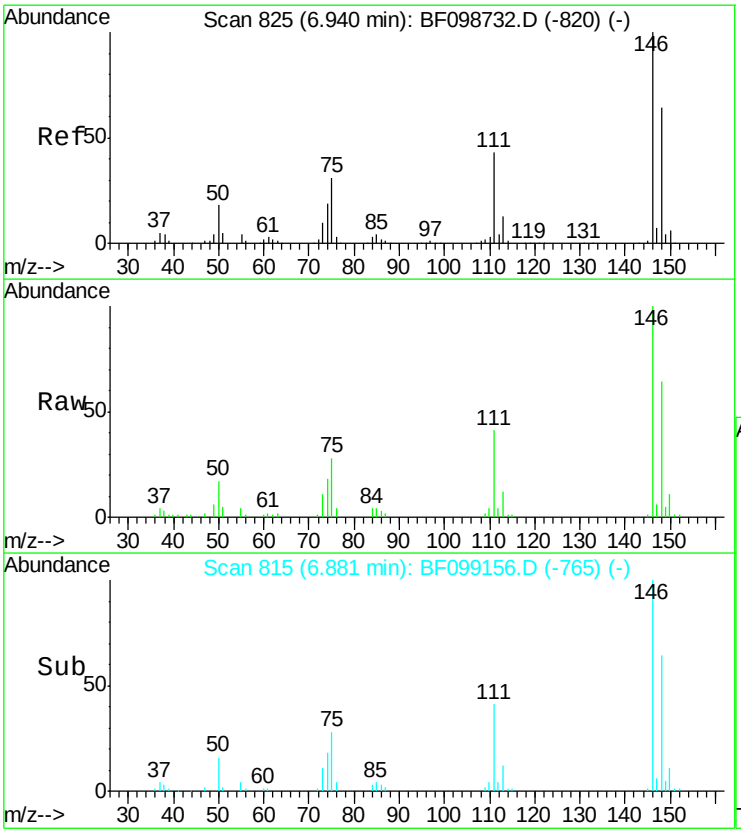
#12
1,3-Dichlorobenzene
Concen: 2.42 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 25921

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	25.9	24.2	36.4

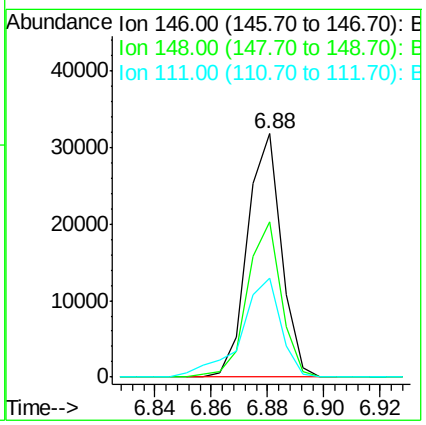


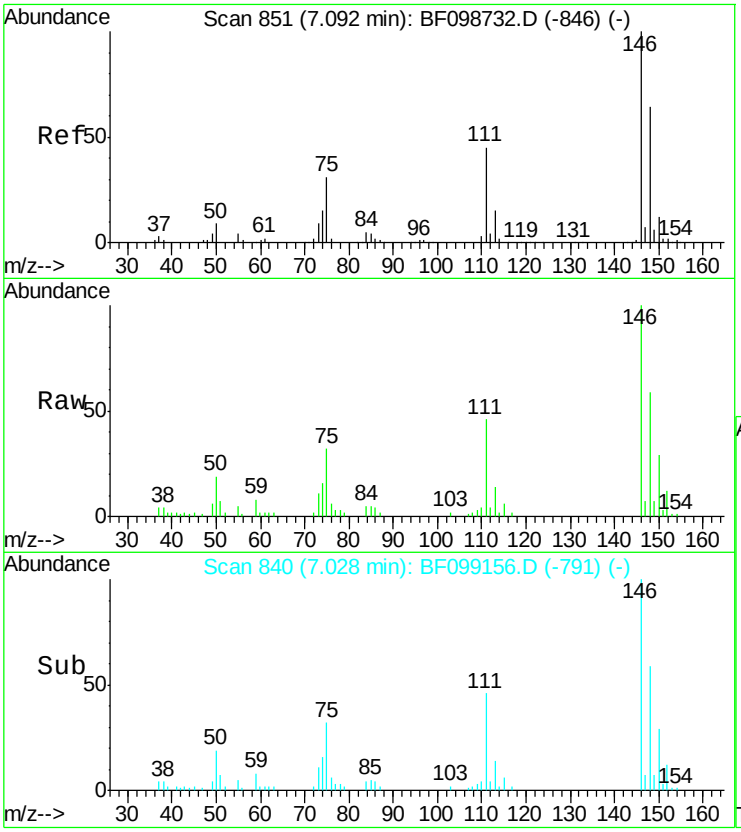


#13
1,4-Dichlorobenzene
Concen: 2.43 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:146 Resp: 26461

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	40.7	34.2	51.2



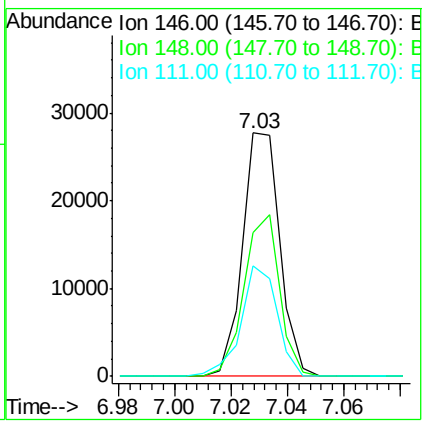


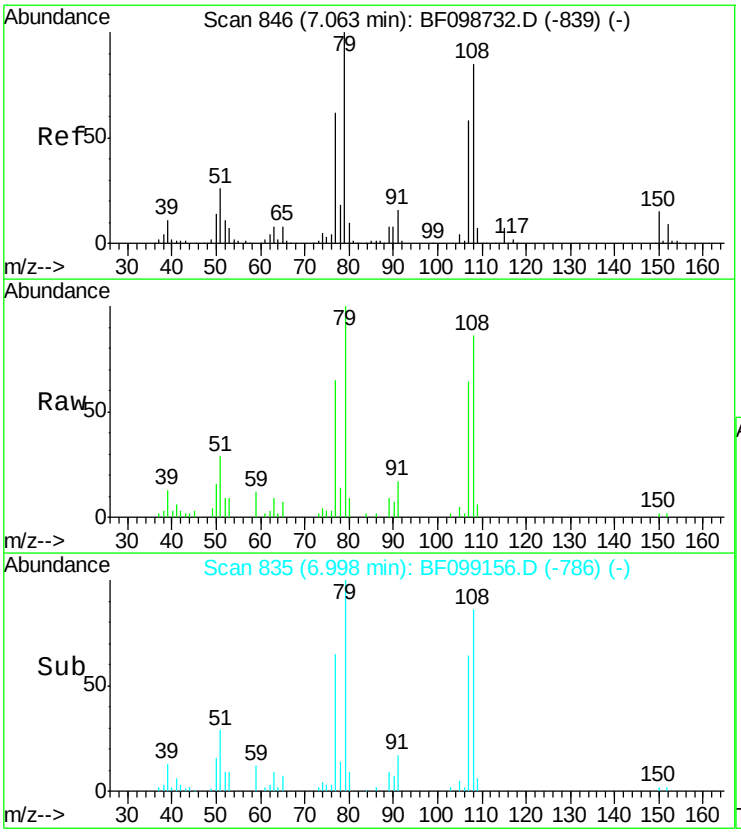
#14
1,2-Dichlorobenzene
Concen: 2.52 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 25354

Ion	Ratio	Lower	Upper
146	100		
148	59.0	50.6	75.8
111	45.6	36.0	54.0

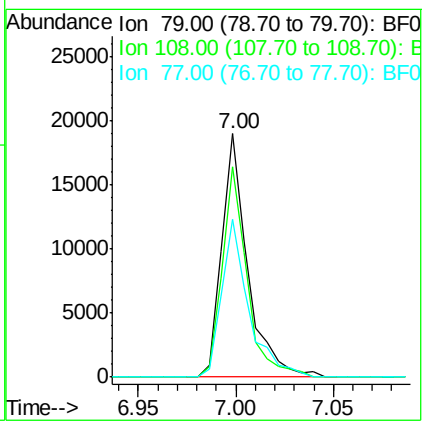


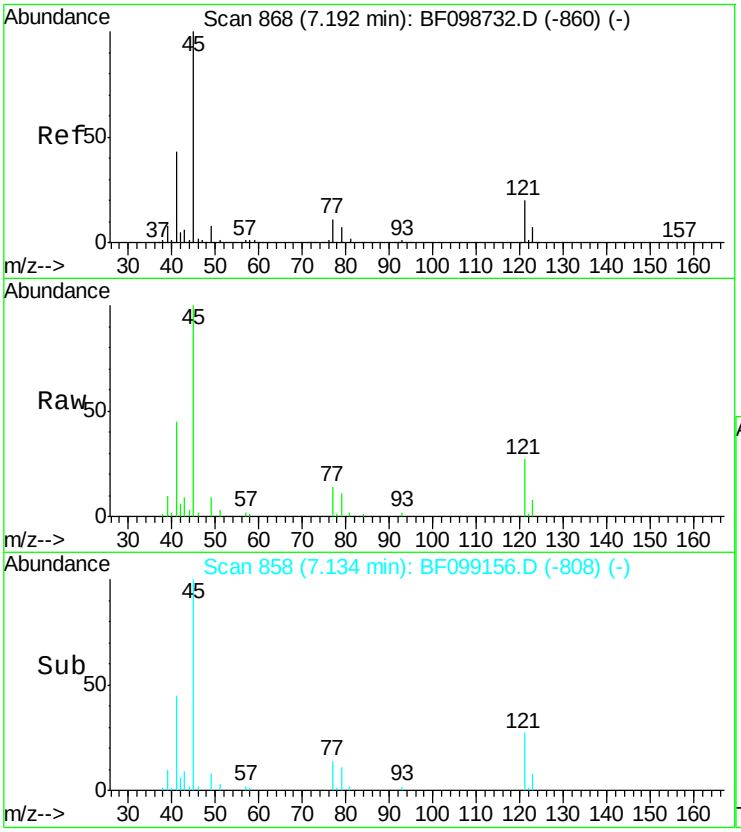


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 79 Resp: 17481

Ion	Ratio	Lower	Upper
79	100		
108	86.4	65.1	97.7
77	65.0	50.6	75.8



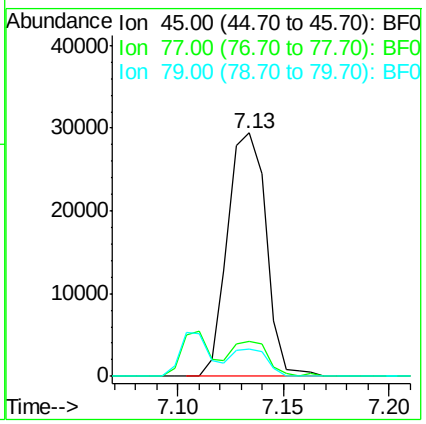


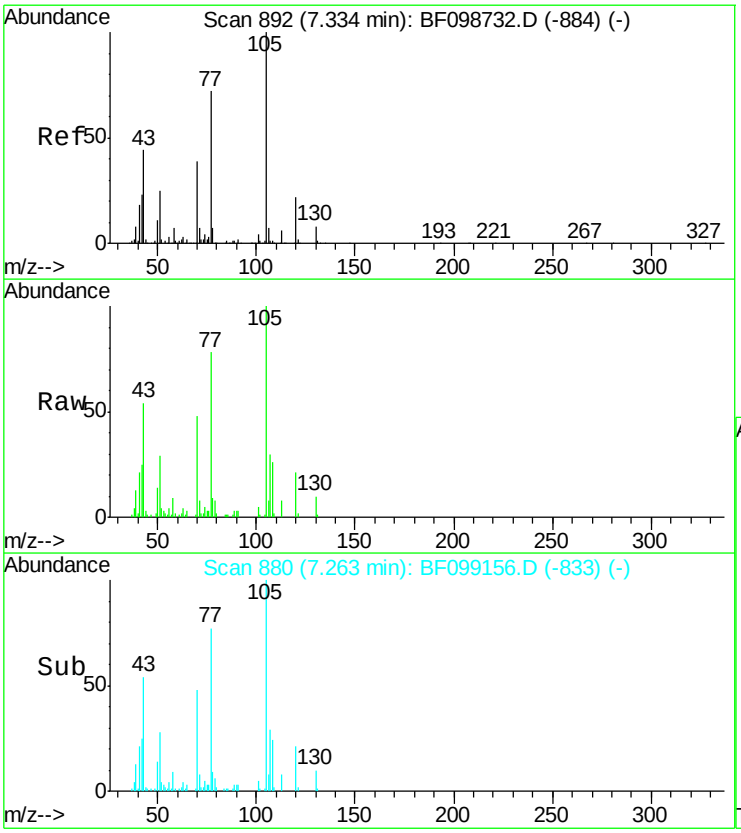
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.46 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 37124

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.9
79	11.4	0.0	29.6

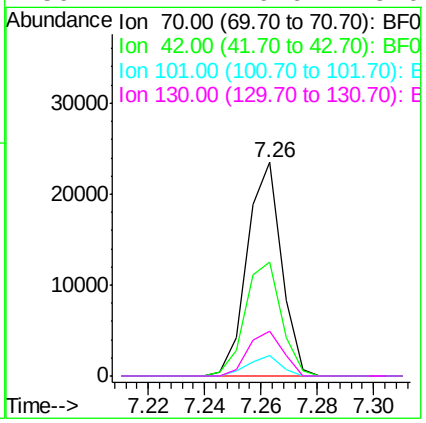


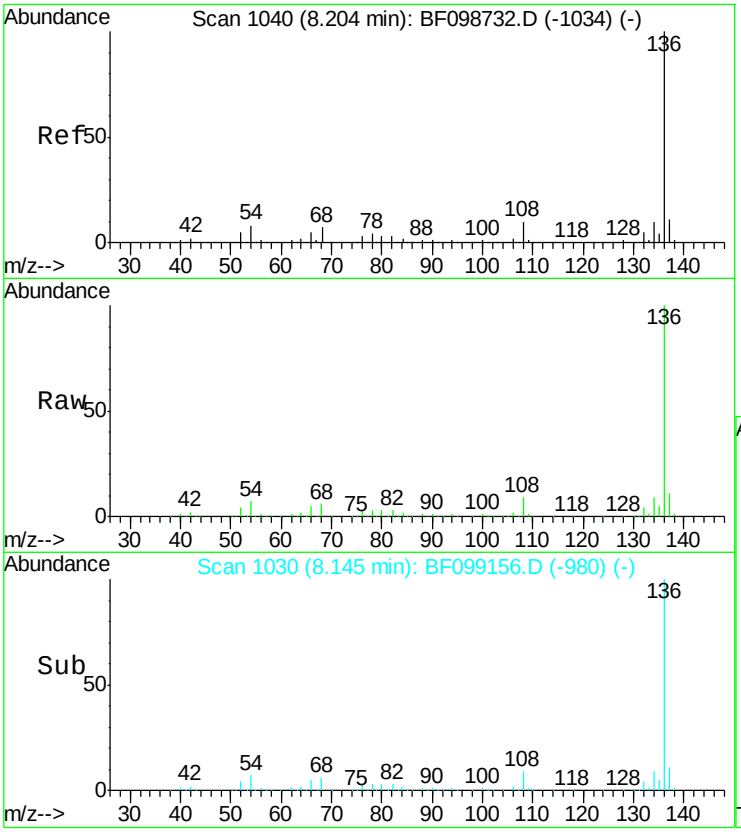


#19
n-Nitroso-di-n-propylamine
Concen: 2.79 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 70 Resp: 19837

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	9.9	7.4	11.2
130	21.1	16.6	25.0



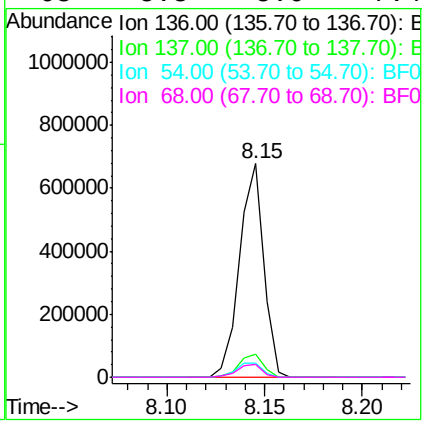


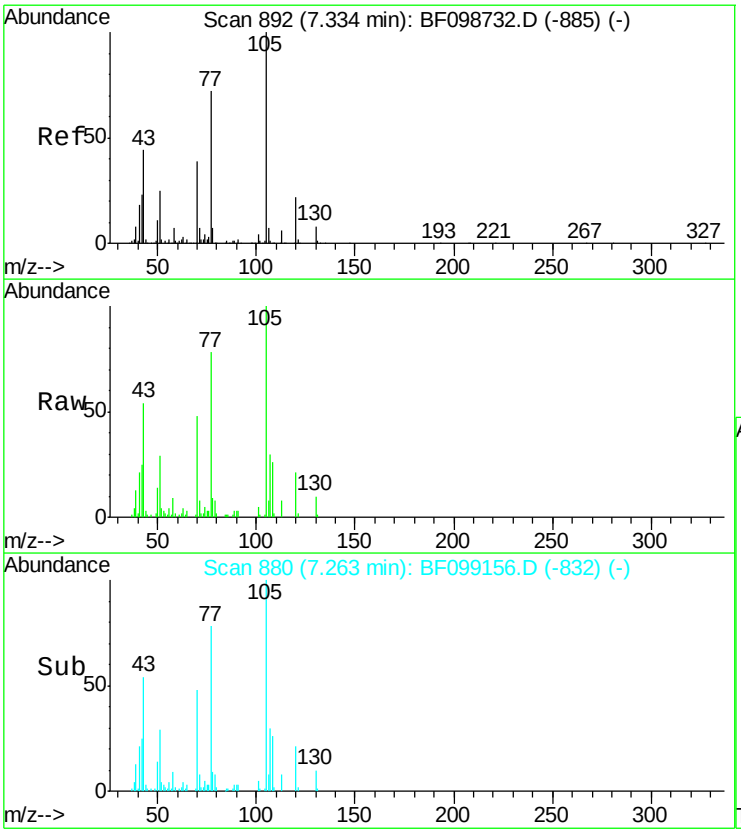
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 583428

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

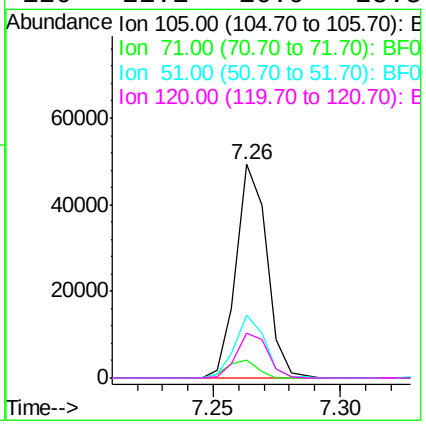


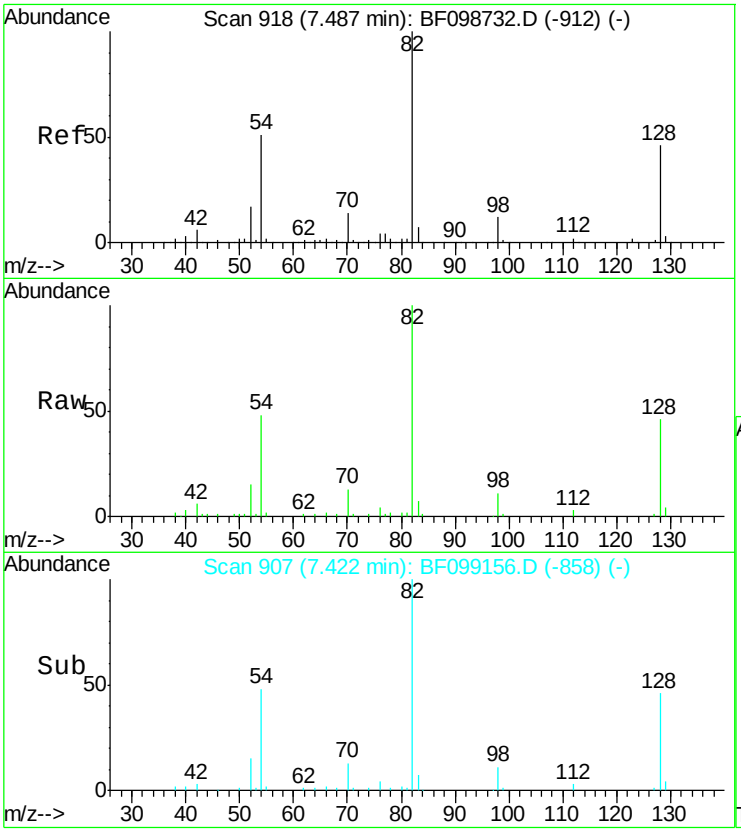


#22
Acetophenone
Concen: 2.94 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:105 Resp: 41594

Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	29.4	22.3	33.5
120	21.1	16.9	25.3



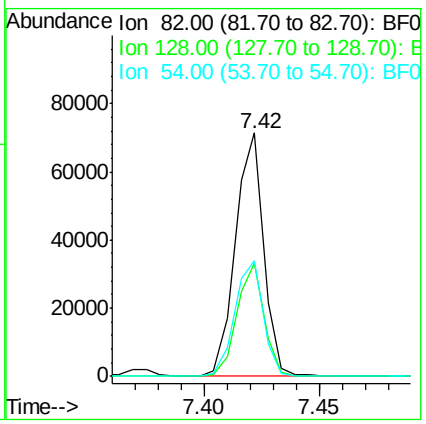


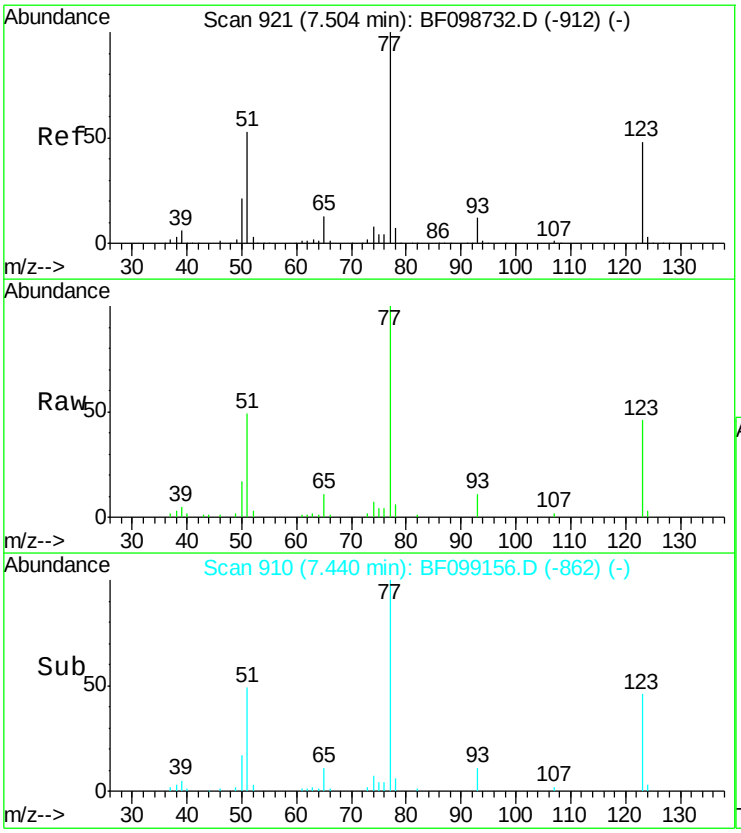
#23
Nitrobenzene-d5
Concen: 6.69 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60826

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	47.5	41.4	62.2

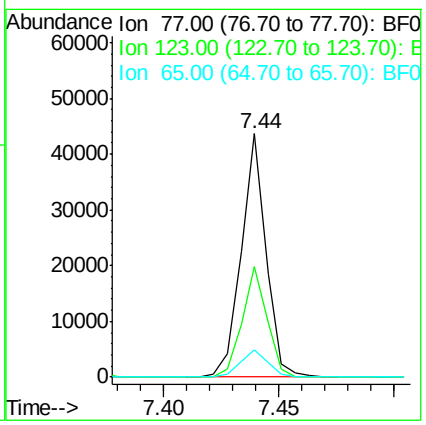


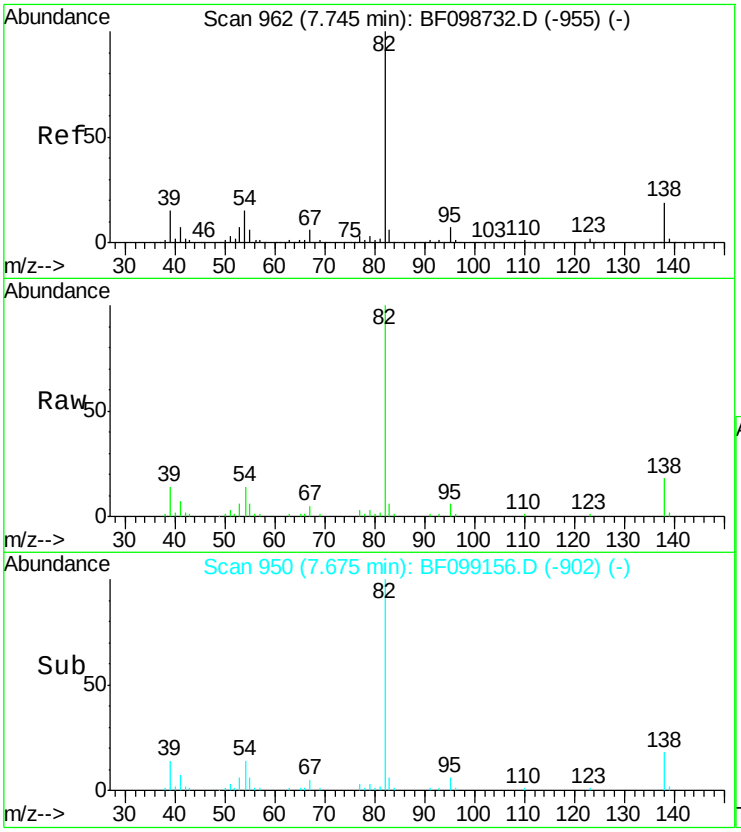


#24
Nitrobenzene
Concen: 3.18 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 77 Resp: 32785

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	11.2	11.0	16.4



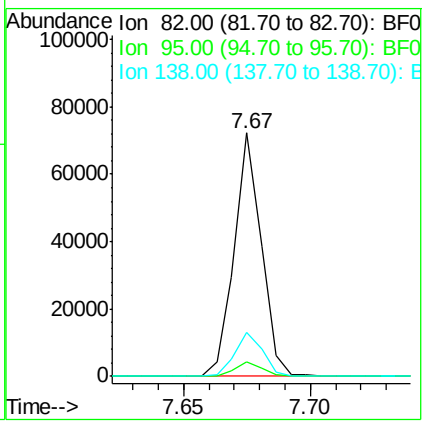


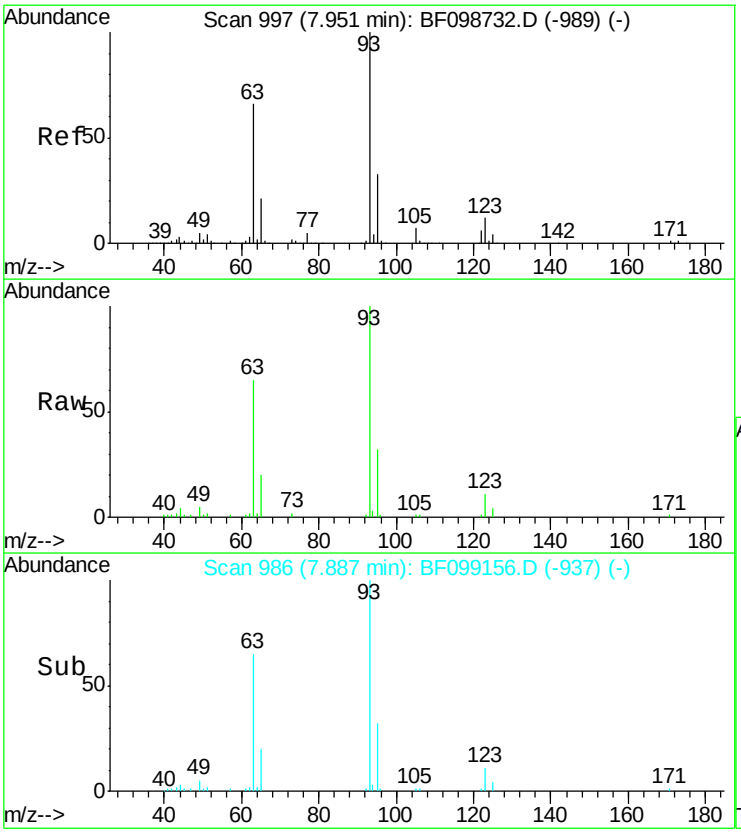
#25
Isophorone
Concen: 2.85 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 53542

Ion	Ratio	Lower	Upper
82	100		
95	5.9	5.2	7.8
138	17.9	14.9	22.3

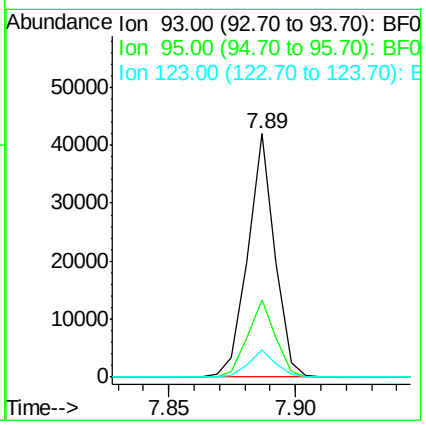


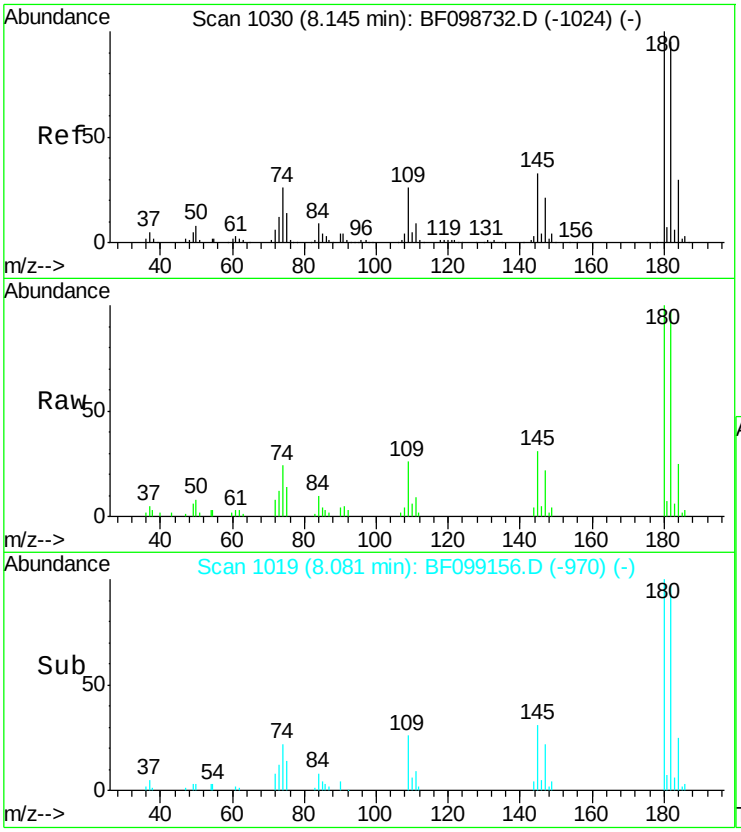


#28
bis(2-Chloroethoxy)methane
Concen: 2.65 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 93 Resp: 31040

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.4	9.8	14.6



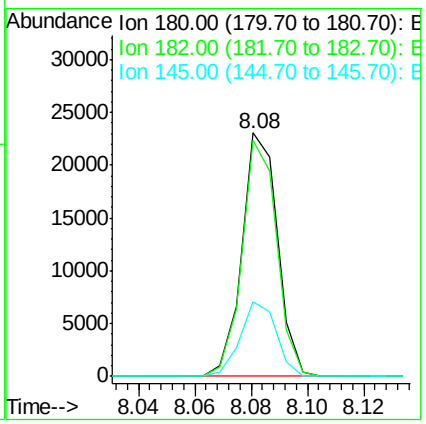


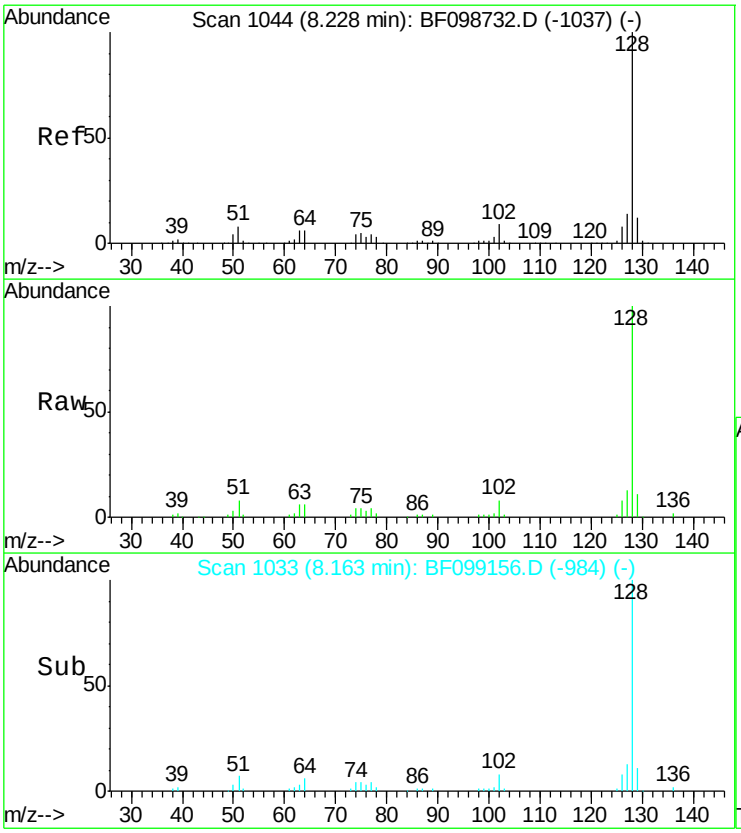
#30
1,2,4-Trichlorobenzene
Concen: 2.50 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 20088

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
145	30.9	26.5	39.7

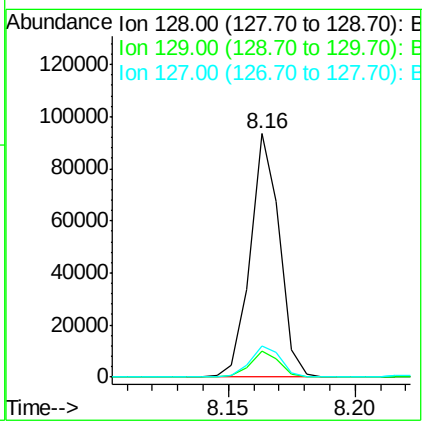


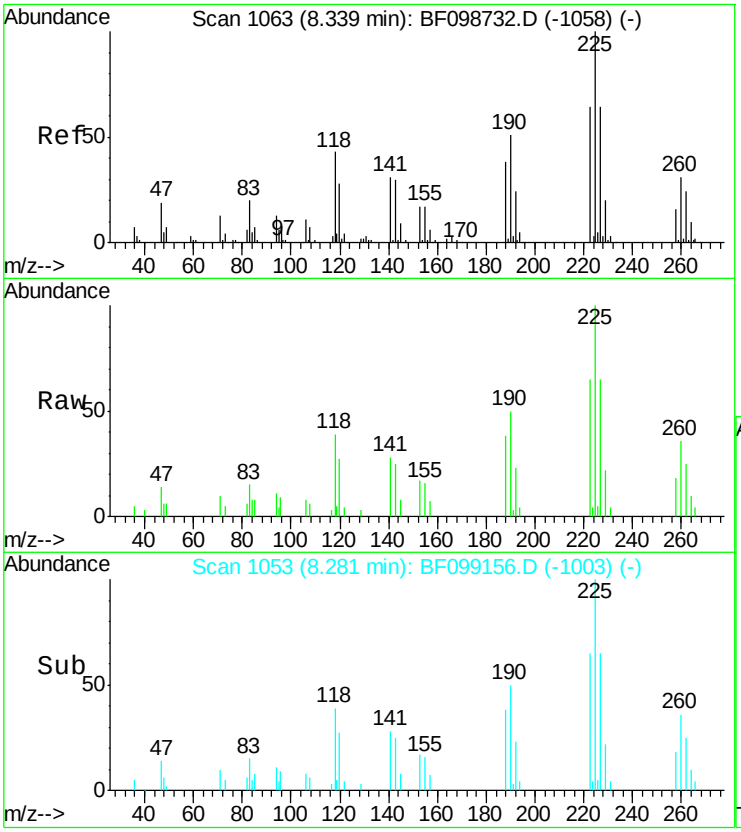


#31
Naphthalene
Concen: 2.72 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:128 Resp: 74660

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.9	16.3



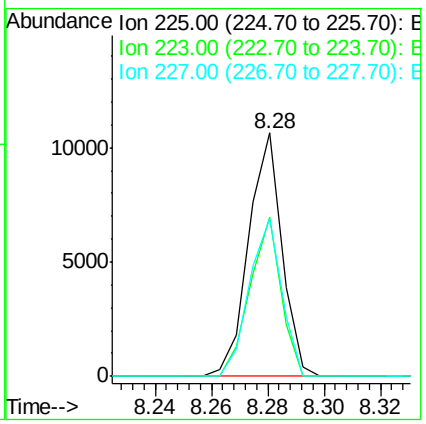


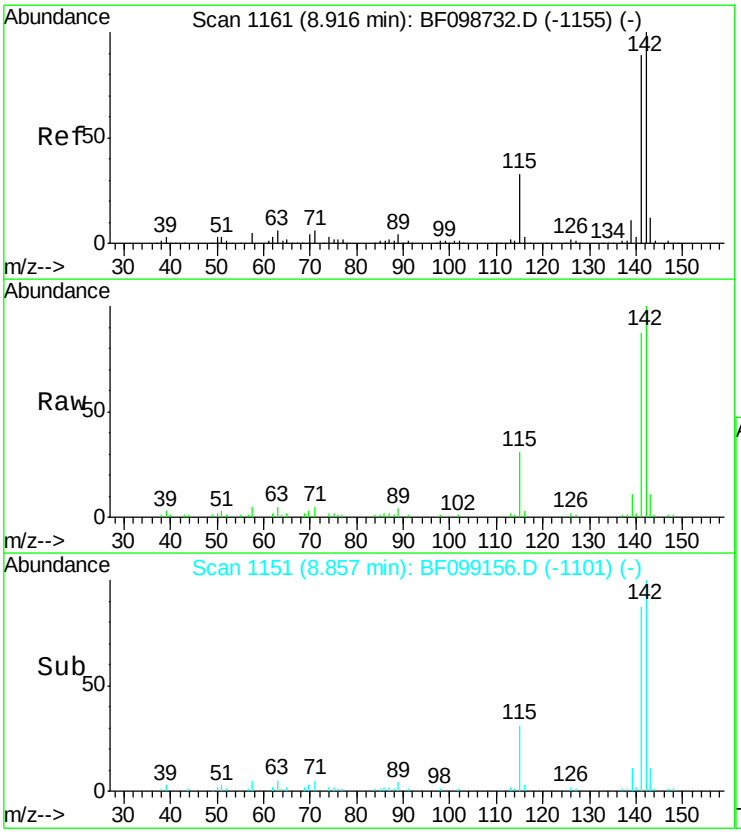
#34
Hexachlorobutadiene
Concen: 2.11 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 8726

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	64.6	51.9	77.9

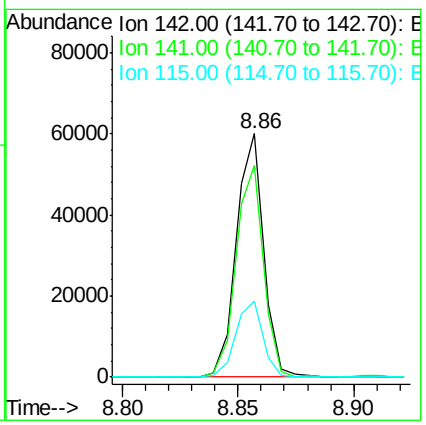


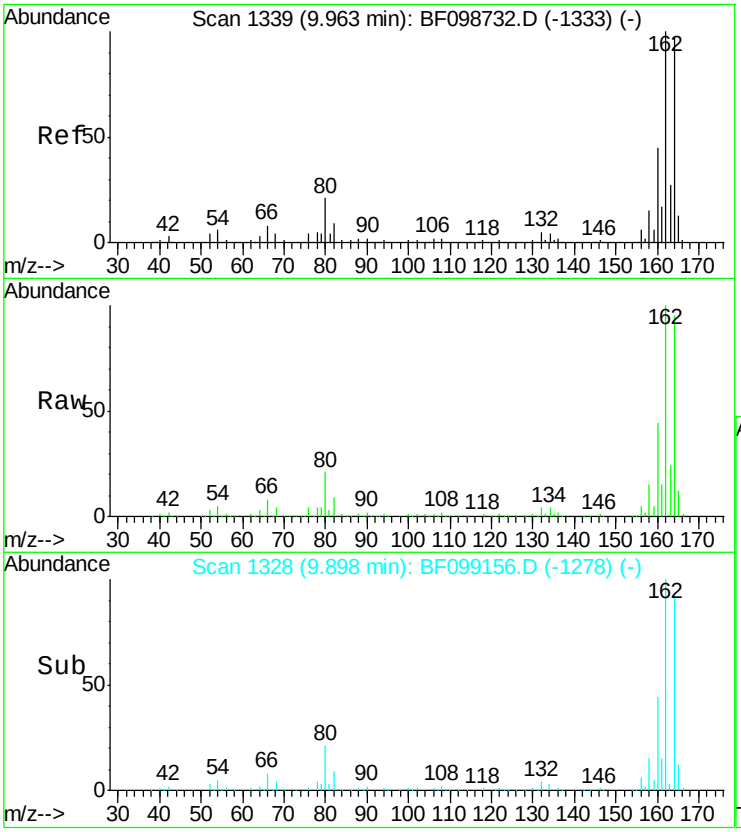


#37
2-Methylnaphthalene
Concen: 2.78 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:142 Resp: 49499

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.8	106.2
115	31.0	26.1	39.1



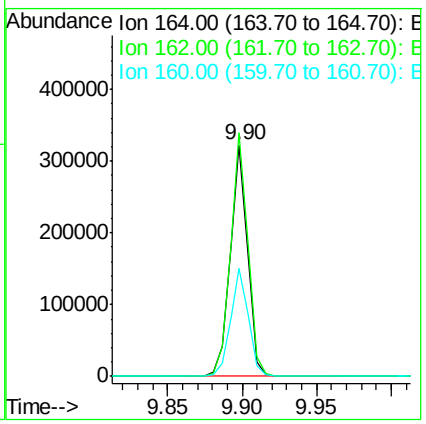


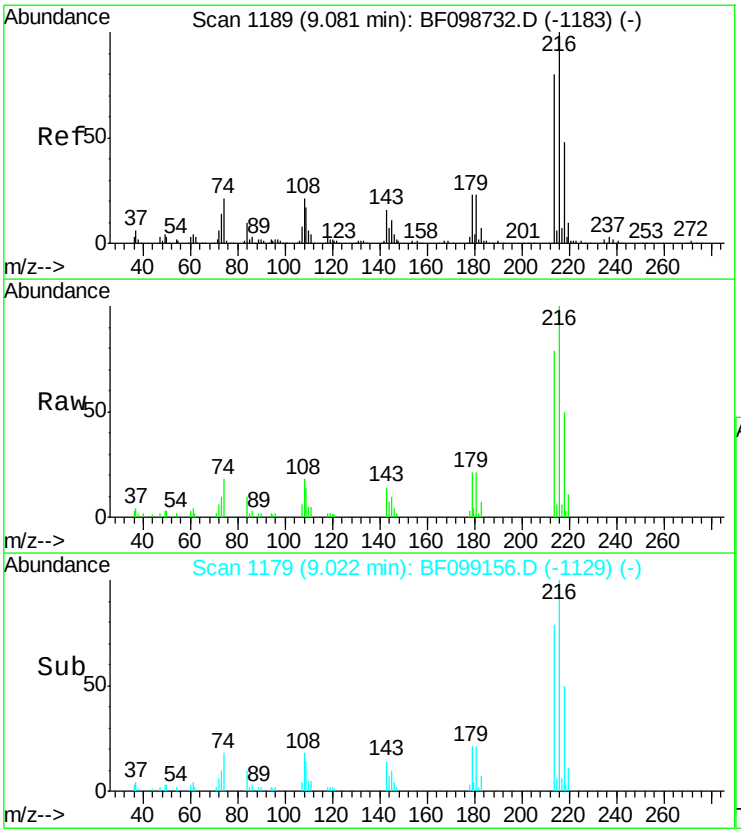
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 265518

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.6	38.3	57.5

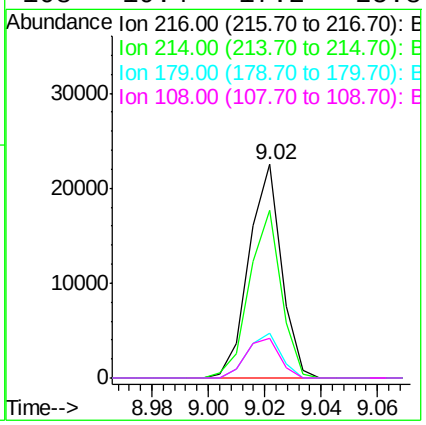


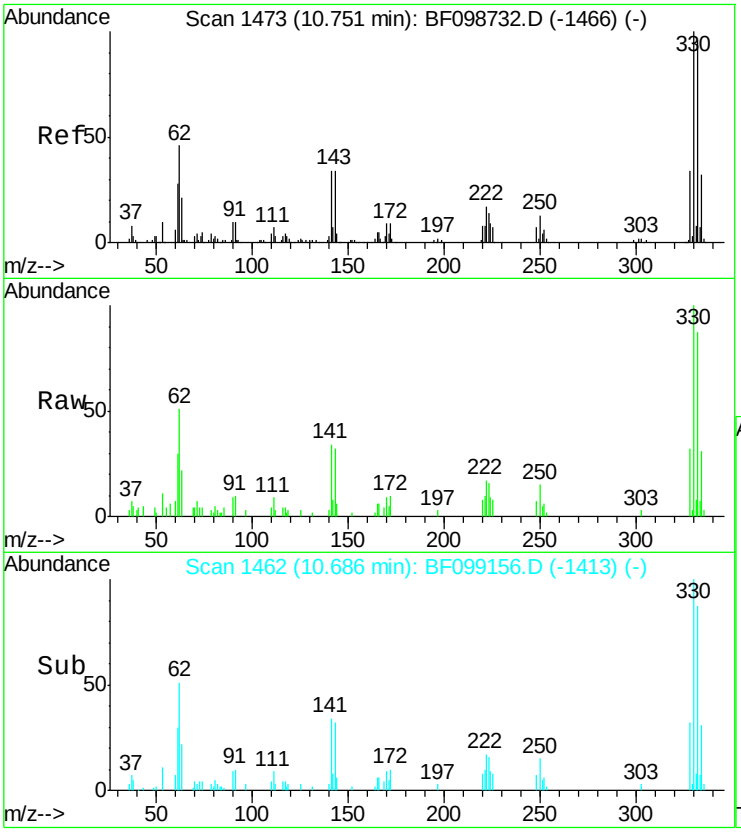


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.27 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:216 Resp: 17984

Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	21.3	18.1	27.1
108	19.4	17.2	25.8



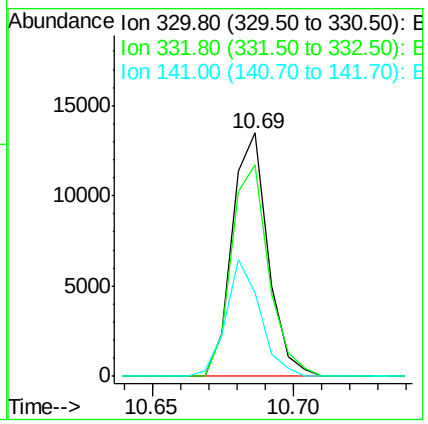


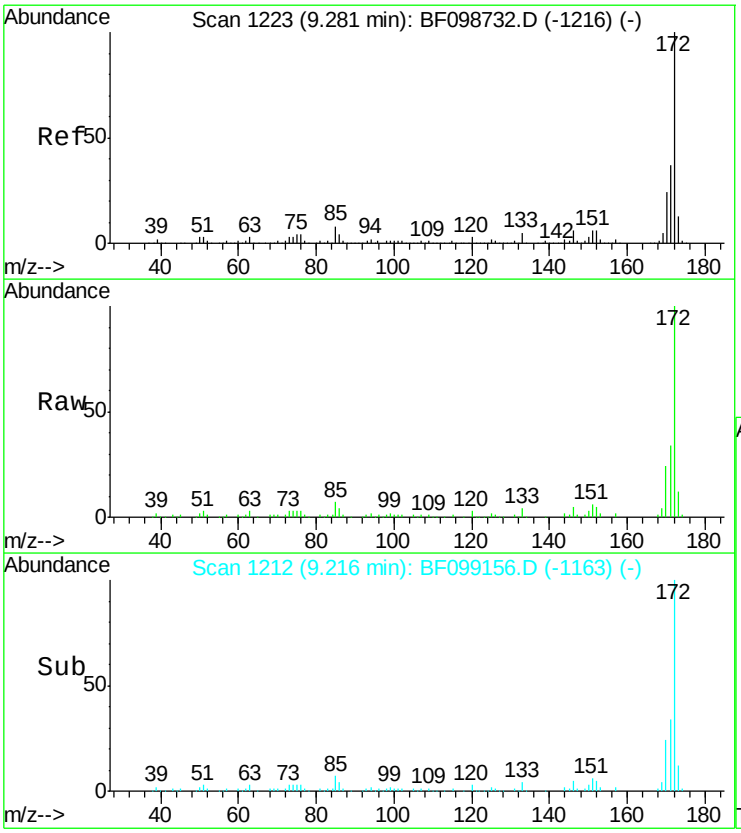
#41
2,4,6-Tribromophenol
Concen: 5.46 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 11867

Ion	Ratio	Lower	Upper
330	100		
332	90.9	77.0	115.6
141	45.7	29.9	44.9#

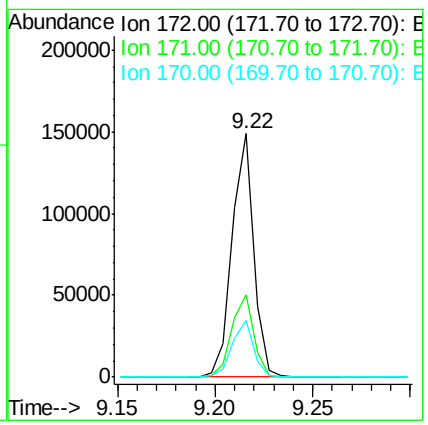


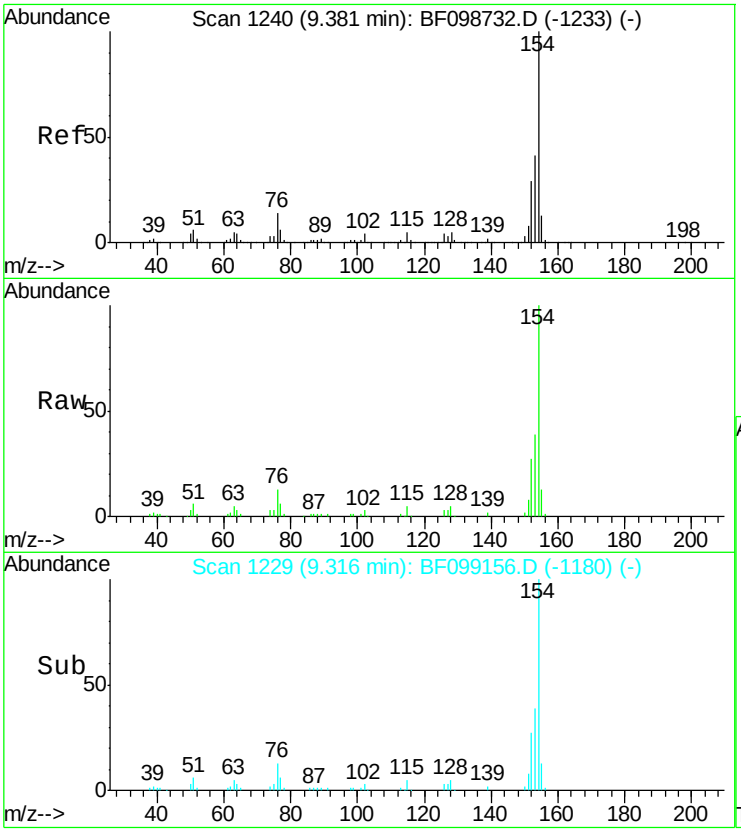


#44
2-Fluorobiphenyl
Concen: 7.21 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:172 Resp: 114634

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.6	19.6	29.4



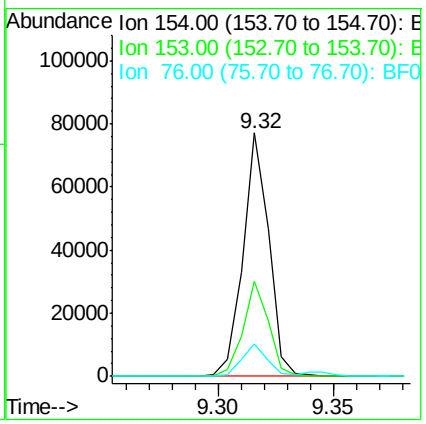


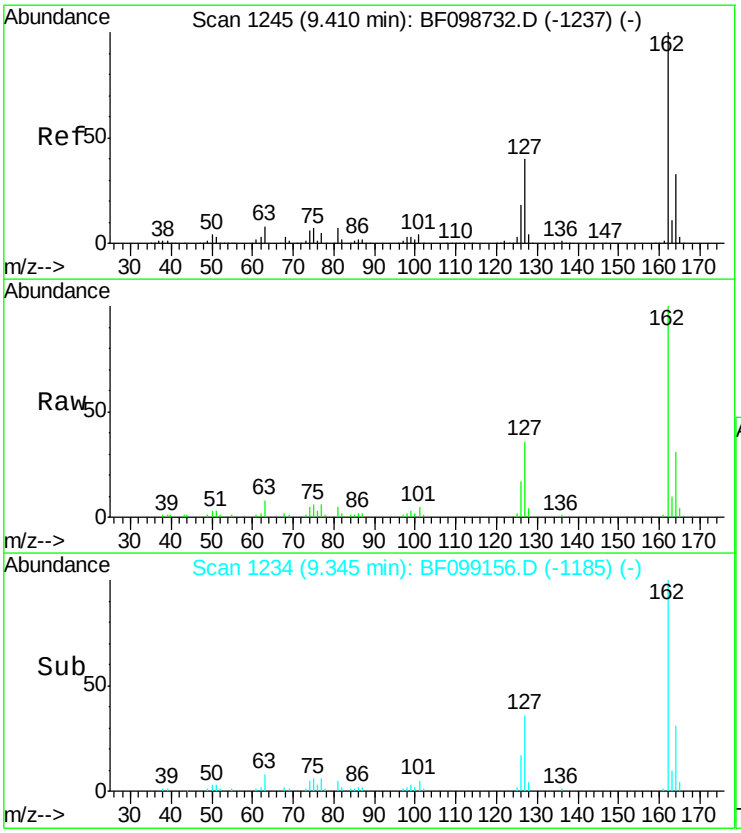
#45
1,1'-Biphenyl
Concen: 2.64 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 60131

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.3	0.0	34.0

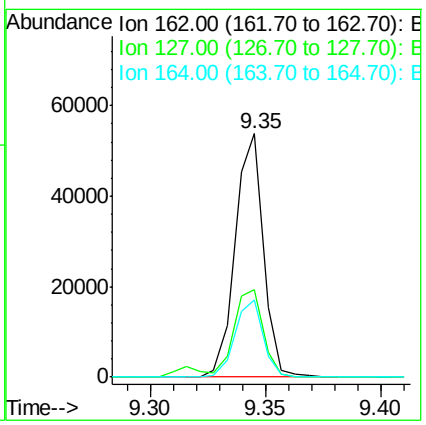


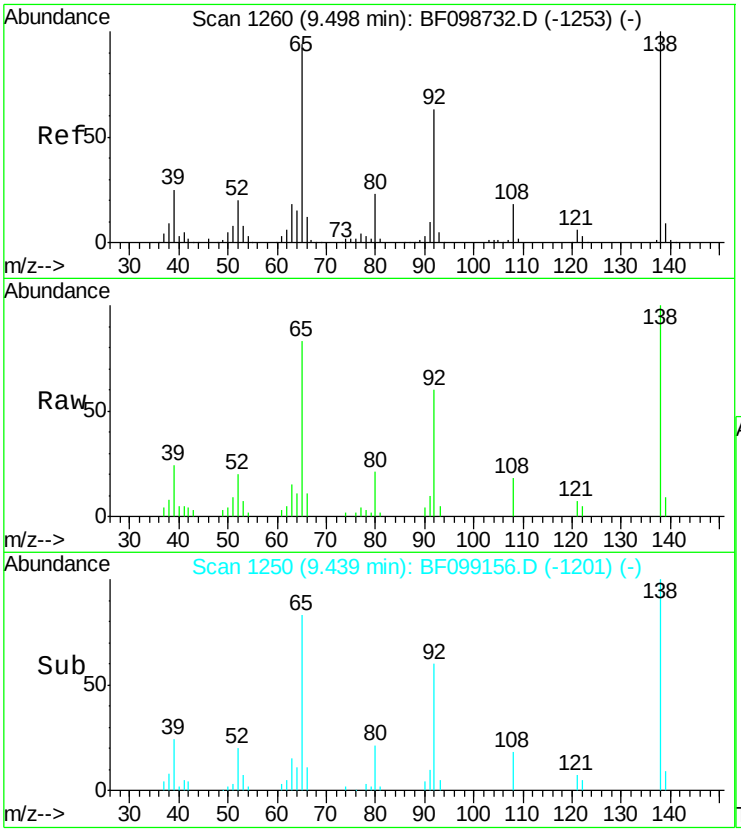


#46
2-Chloronaphthalene
Concen: 2.67 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:162 Resp: 45701

Ion	Ratio	Lower	Upper
162	100		
127	35.9	33.9	50.9
164	31.5	26.5	39.7



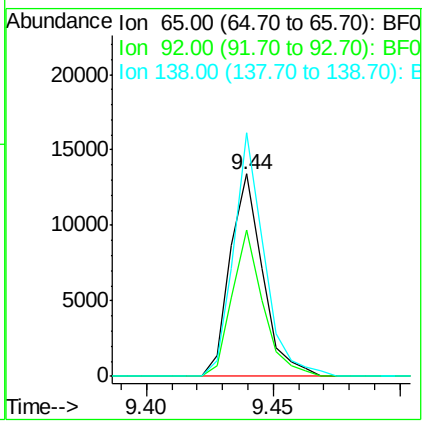


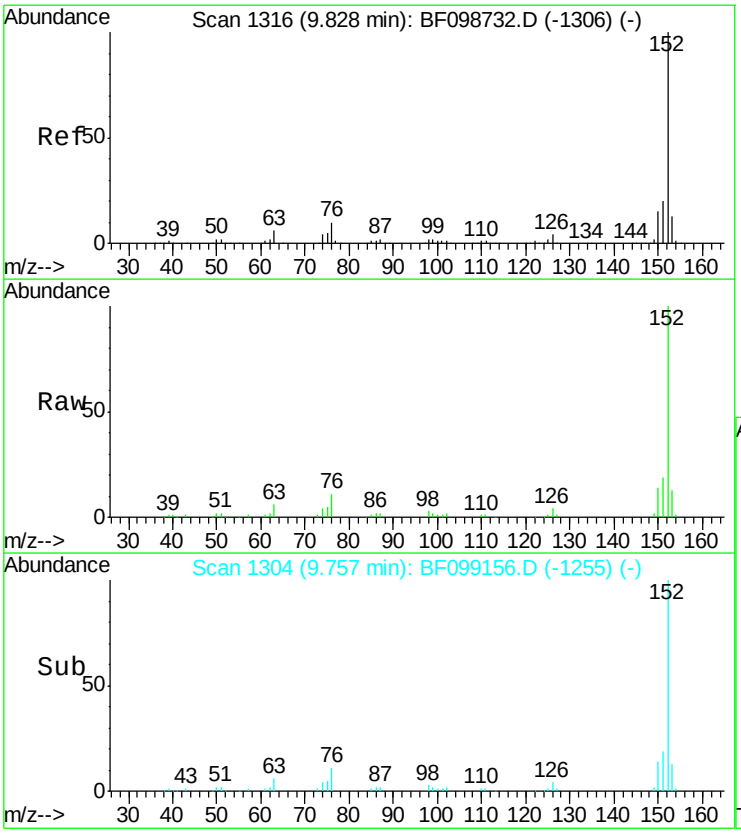
#47
2-Nitroaniline
Concen: 2.28 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 11980

Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	120.3	91.2	136.8

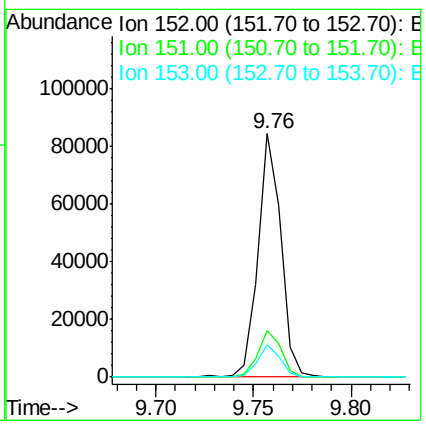


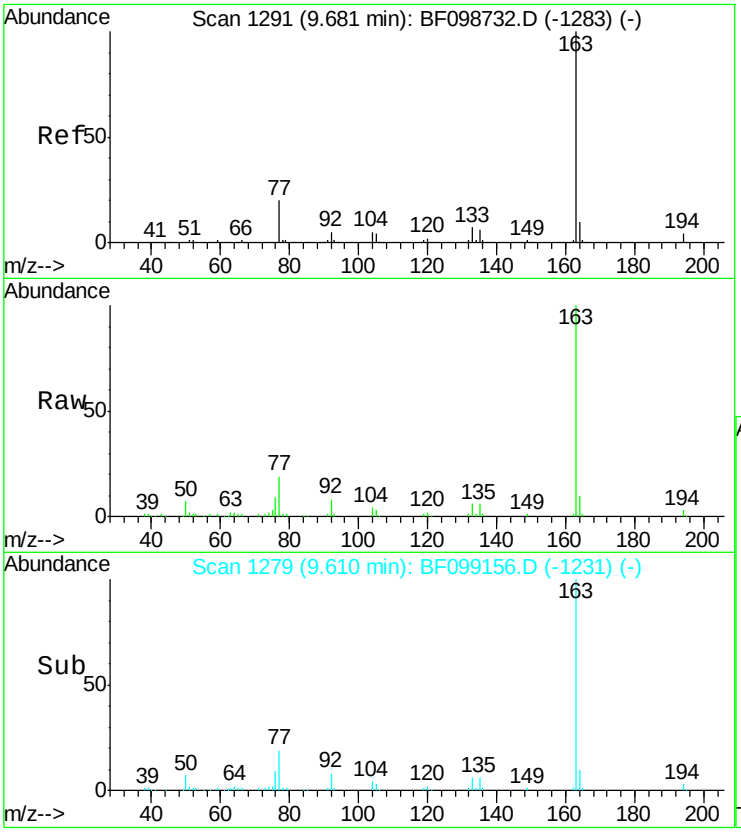


#48
Acenaphthylene
Concen: 2.61 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:152 Resp: 68551

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	13.2	10.7	16.1



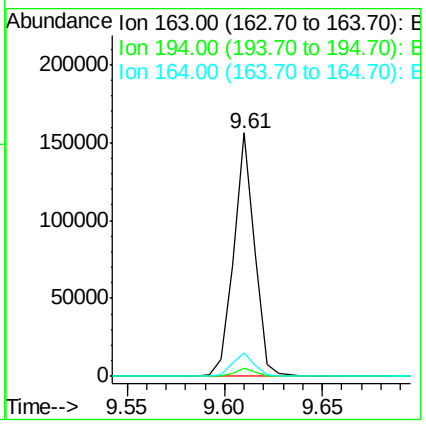


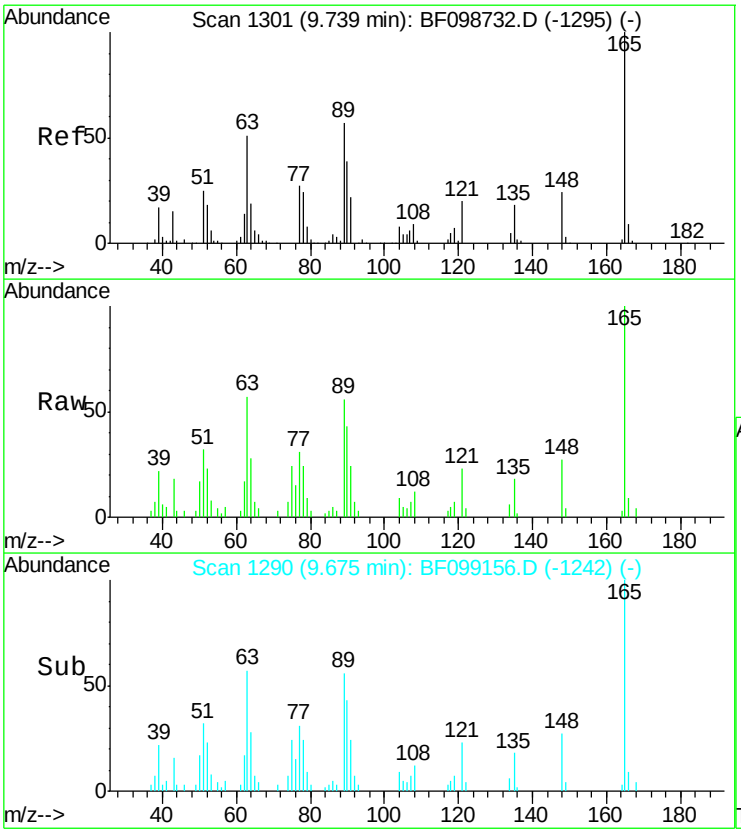
#49
Dimethylphthalate
Concen: 5.78 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 115767

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.8	8.2	12.2

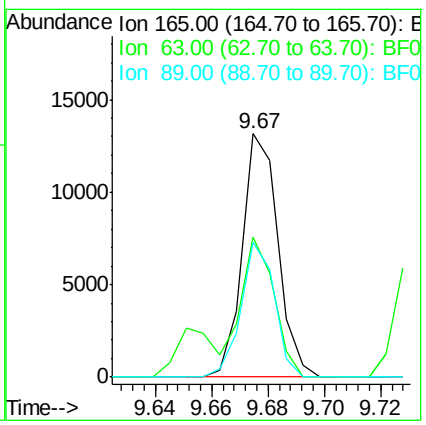


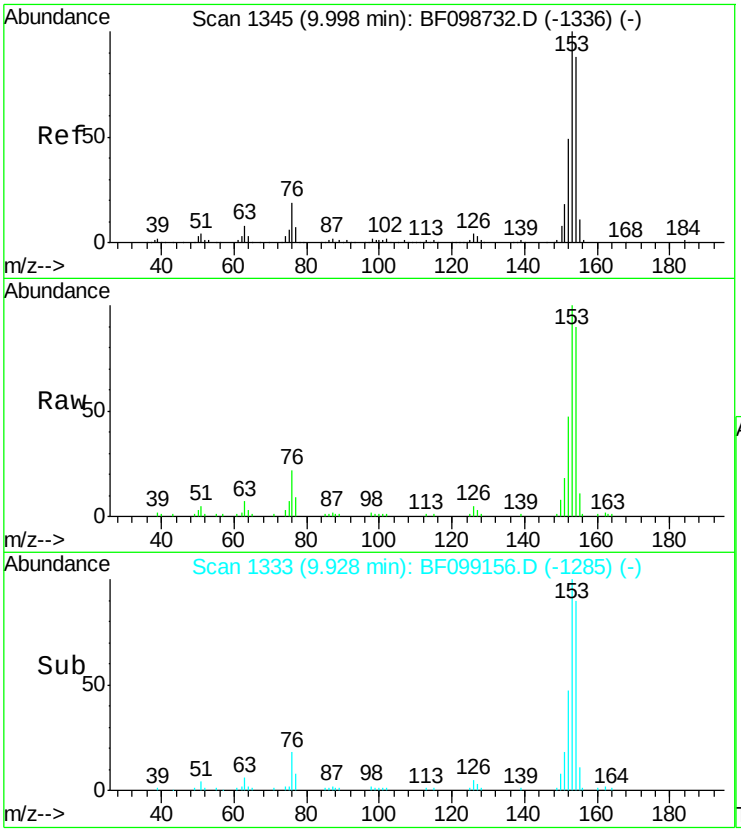


#50
2,6-Dinitrotoluene
Concen: 2.64 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:165 Resp: 11499

Ion	Ratio	Lower	Upper
165	100		
63	57.2	44.7	67.1
89	55.5	44.0	66.0



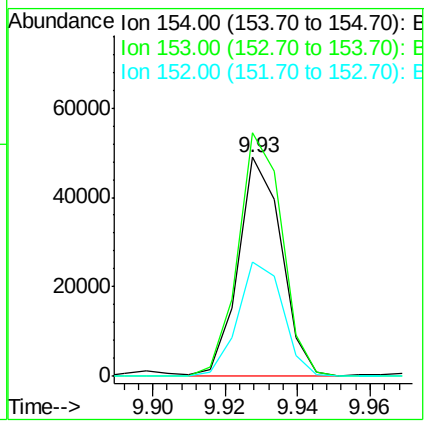


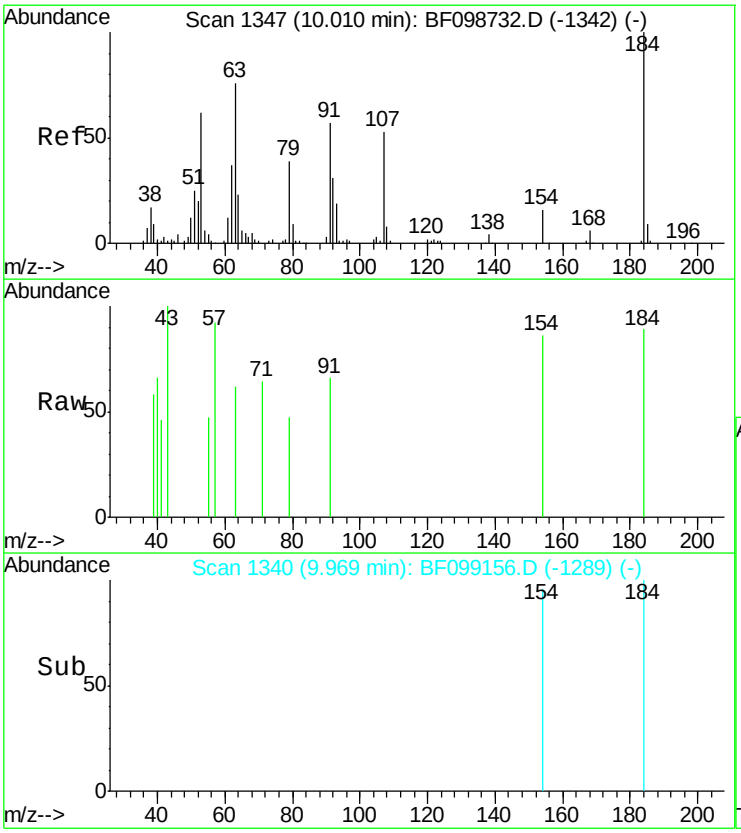
#51
Acenaphthene
Concen: 2.44 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 40579

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	52.4	43.8	65.8

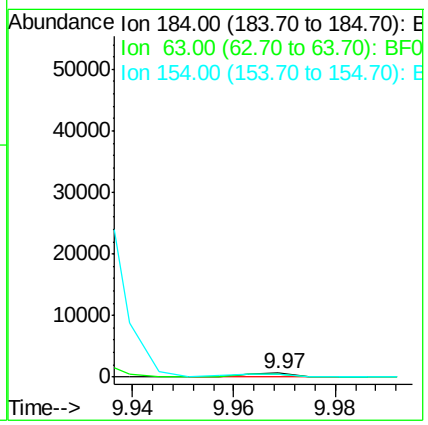


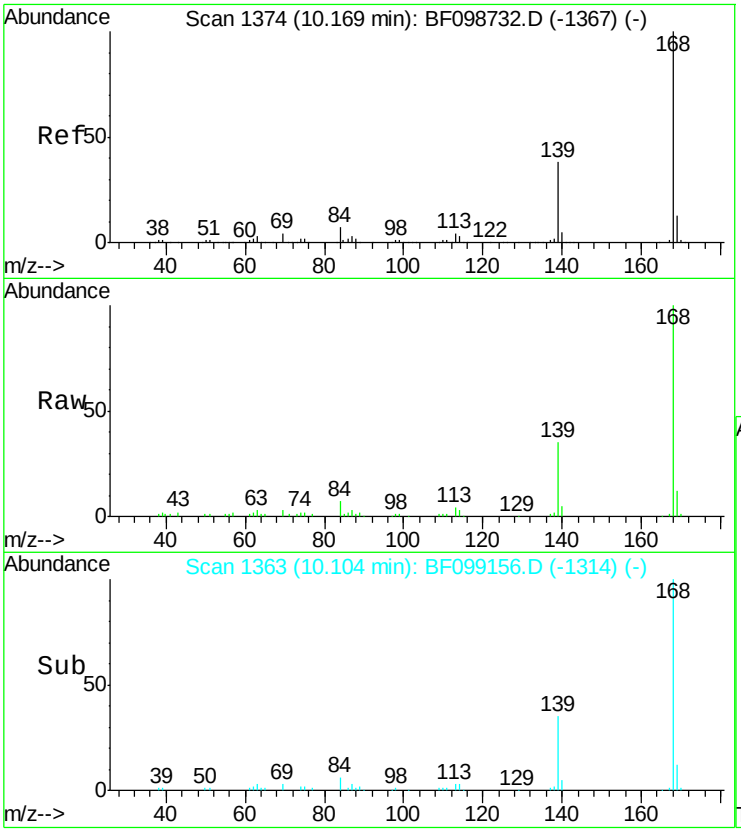


#53
2,4-Dinitrophenol
Concen: 5.99 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:184 Resp: 401

Ion	Ratio	Lower	Upper
184	100		
63	69.4	54.2	81.2
154	96.3	53.5	80.3#



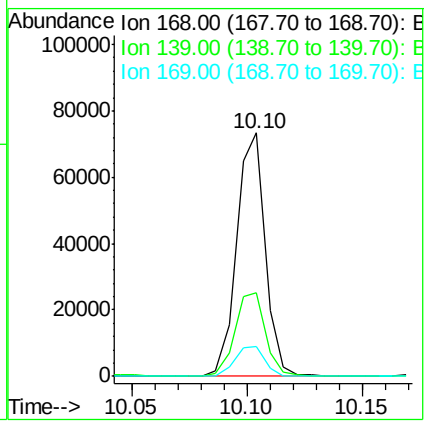


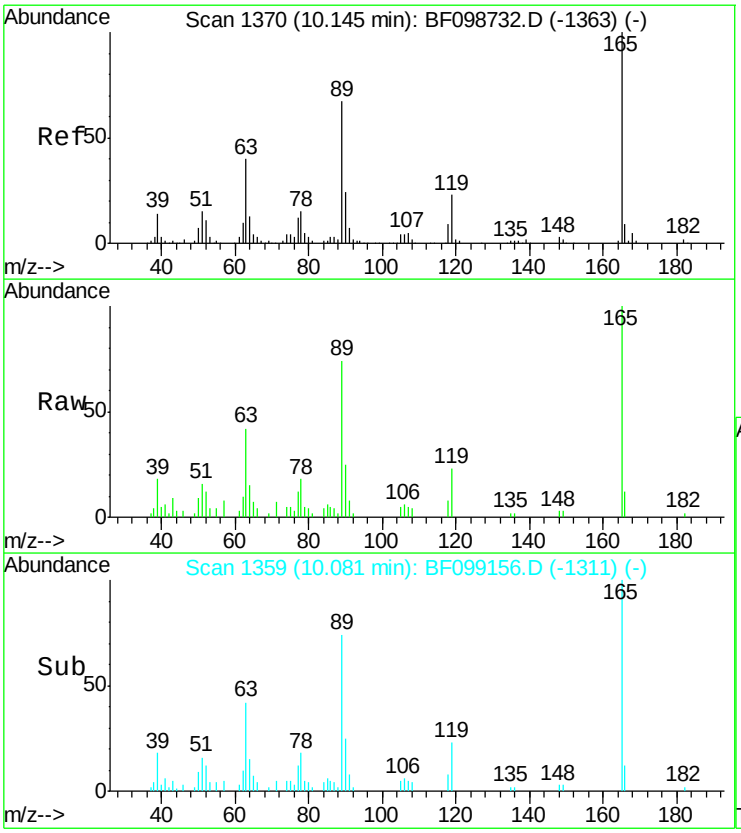
#54
Dibenzofuran
Concen: 2.85 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 63145

Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.1	45.1
169	12.2	10.9	16.3

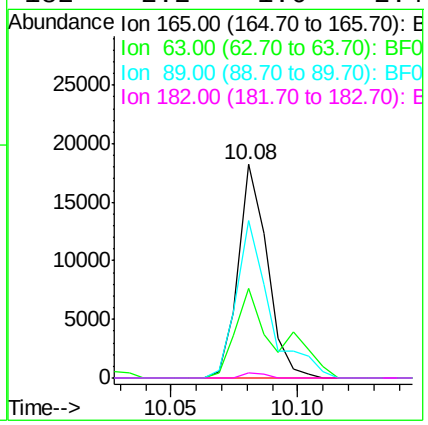


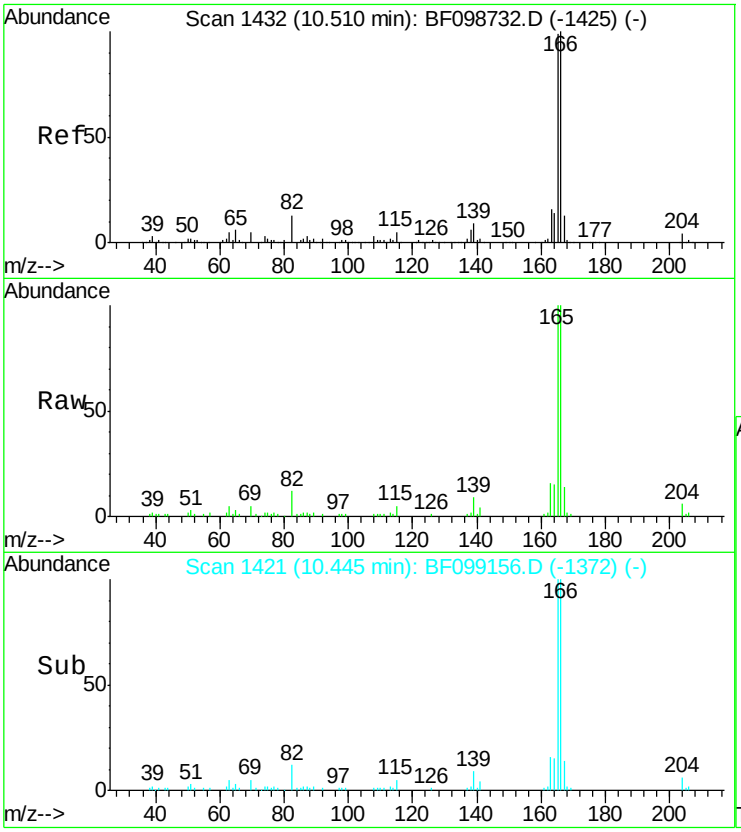


#56
2,4-Dinitrotoluene
Concen: 2.56 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:165 Resp: 14505

Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.4	54.6
89	73.9	57.8	86.6
182	2.2	1.6	2.4



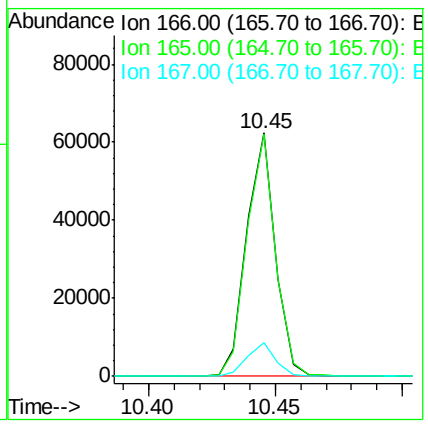


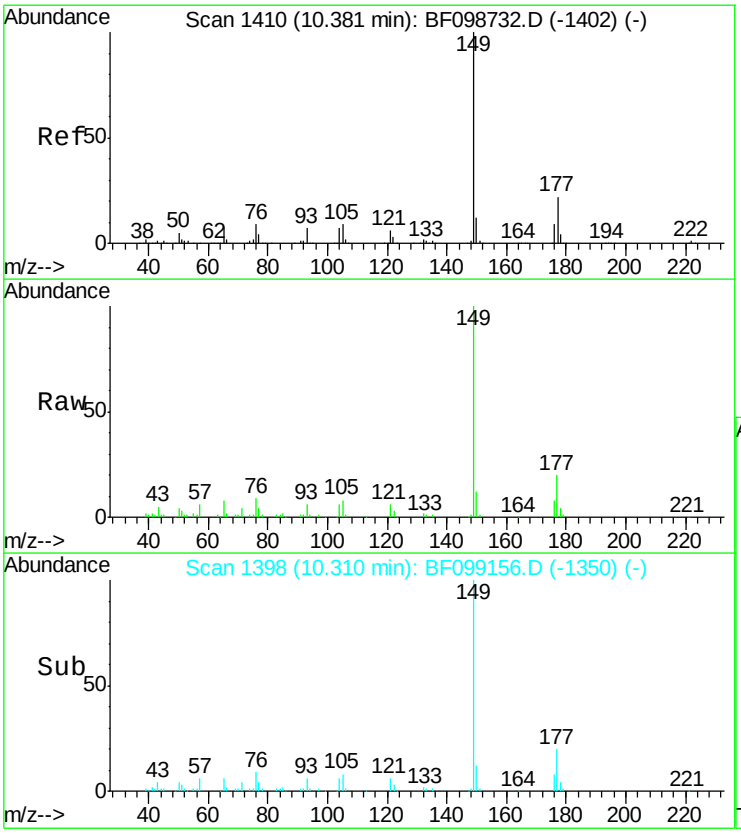
#57
Fluorene
Concen: 2.77 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 49207

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.7	10.6	16.0

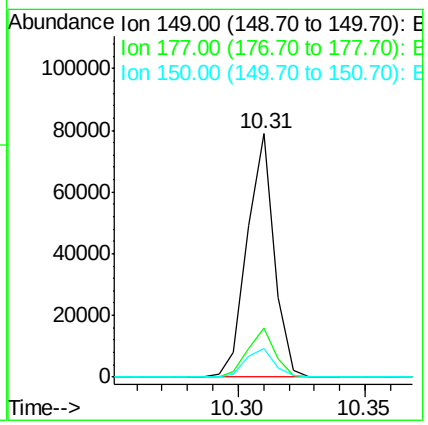


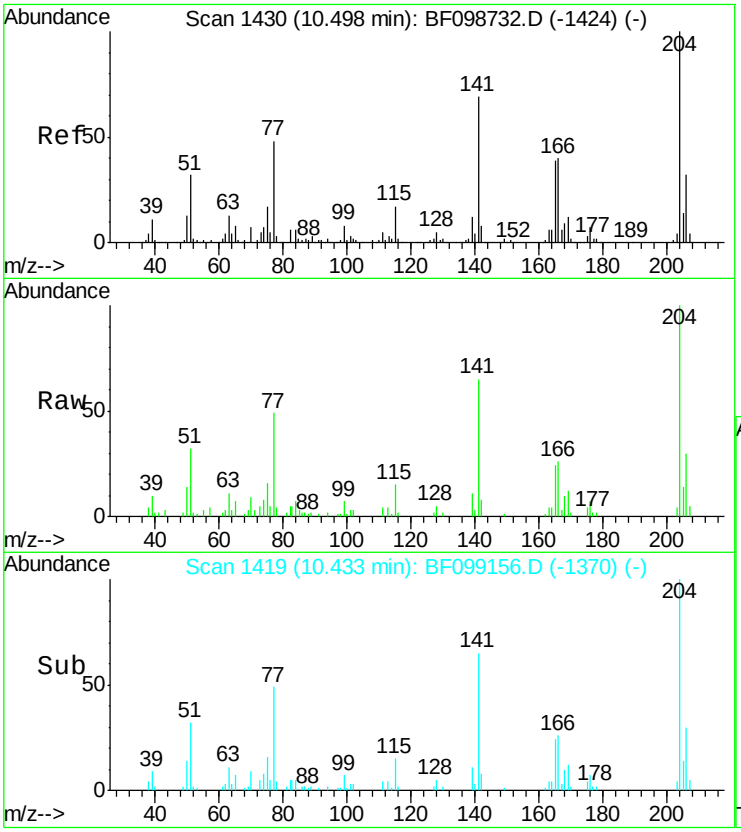


#59
Diethylphthalate
Concen: 2.98 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:149 Resp: 58409

Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.1	24.1
150	11.6	10.1	15.1



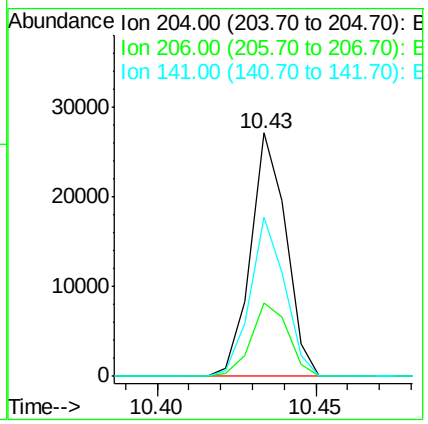


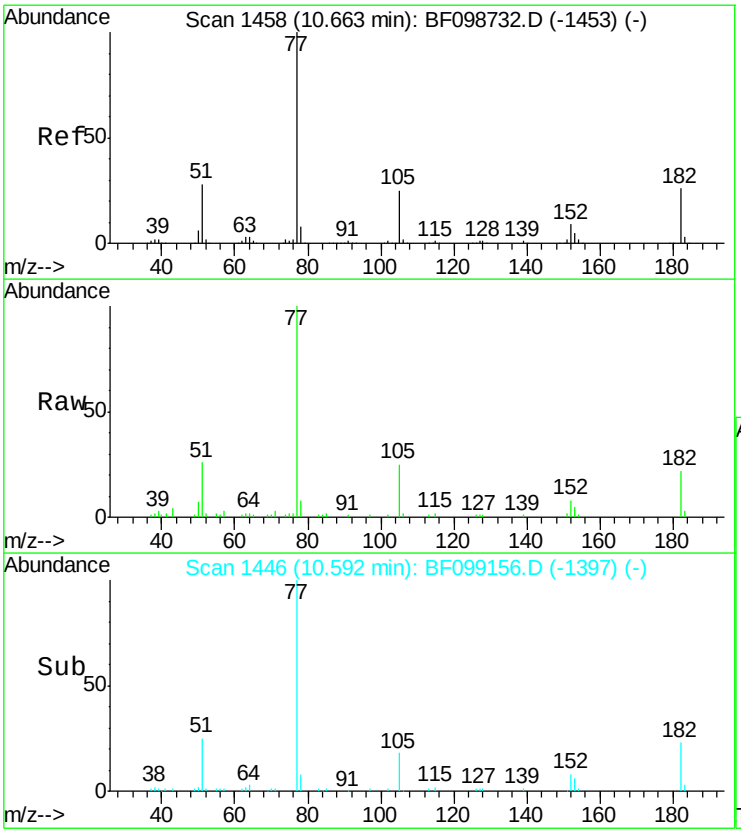
#60
4-Chlorophenyl-phenylether
Concen: 2.63 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 21013

Ion	Ratio	Lower	Upper
204	100		
206	30.0	26.5	39.7
141	65.4	54.6	81.8

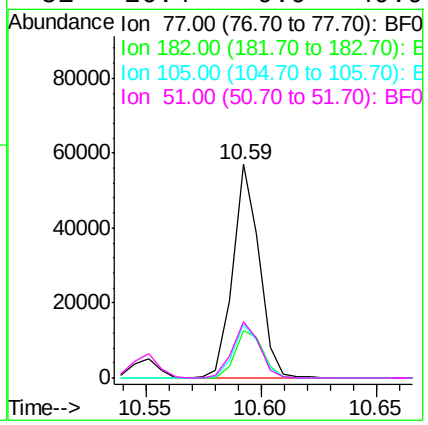


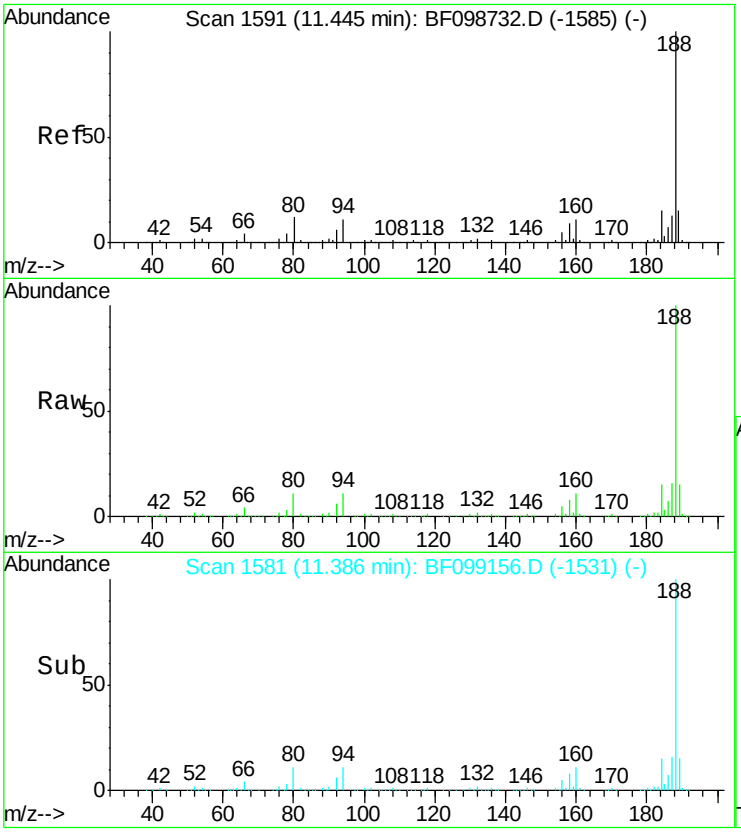


#62
Azobenzene
Concen: 2.52 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion: 77 Resp: 45317

Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.7	41.7
105	24.9	3.0	43.0
51	26.4	9.9	49.9



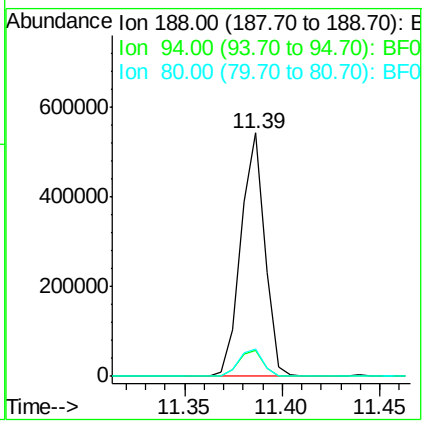


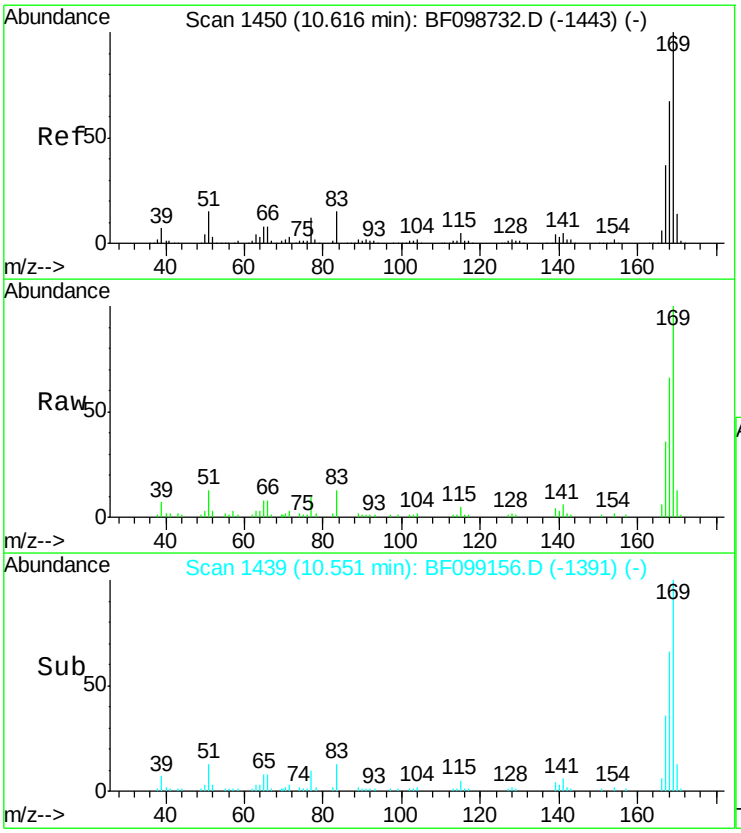
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 460499

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

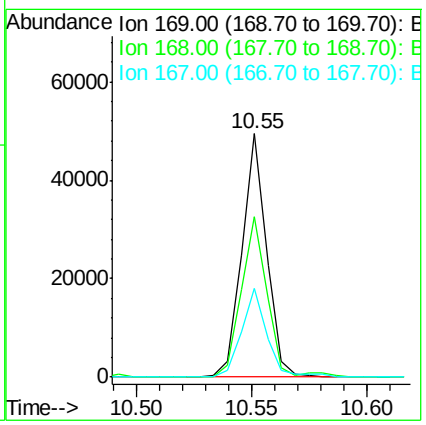


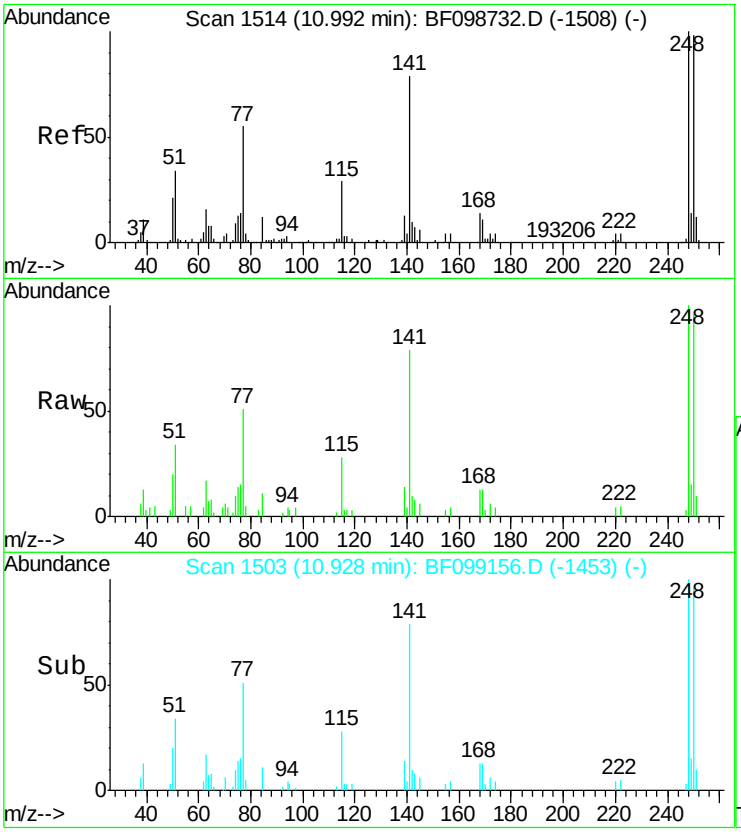


#65
n-Nitrosodiphenylamine
Concen: 2.32 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:169 Resp: 36950

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.4	81.6
167	36.3	29.8	44.6



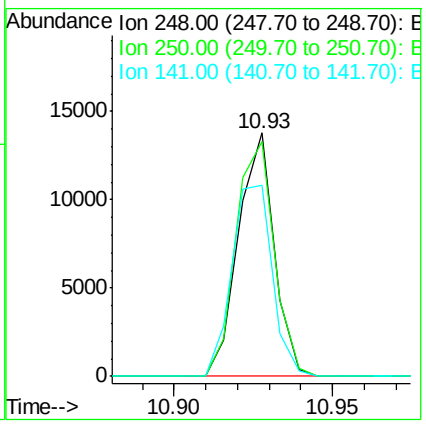


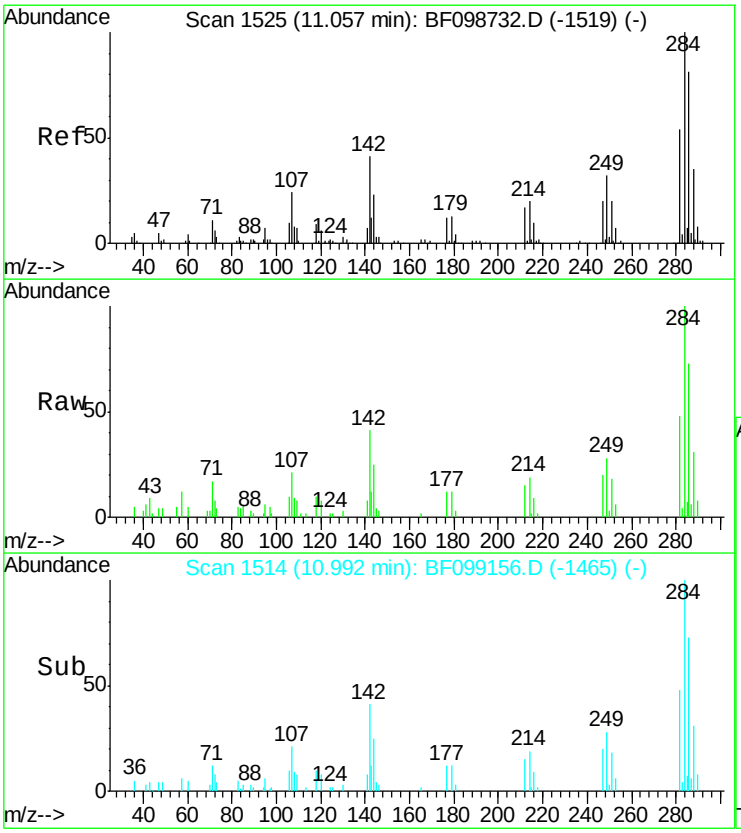
#66
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10750

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	78.6	74.4	111.6

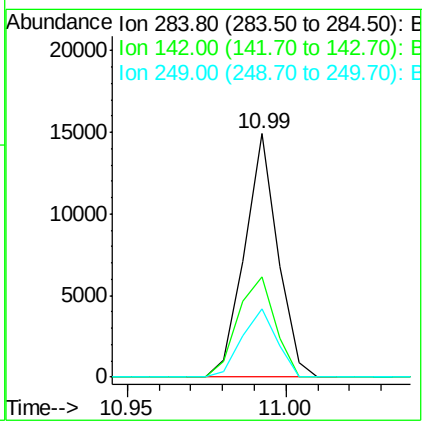


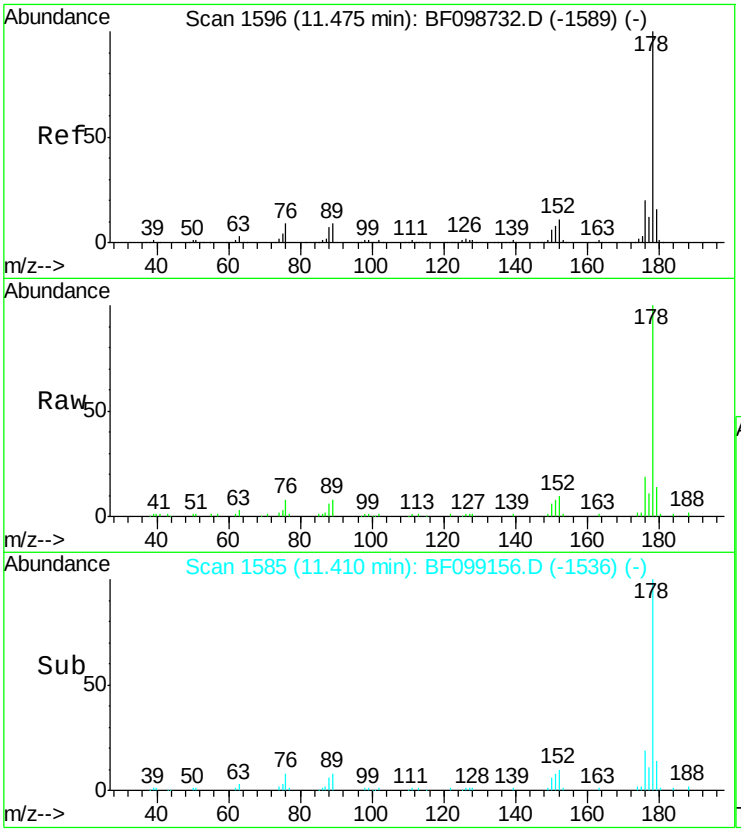


#67
Hexachlorobenzene
Concen: 2.26 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:284 Resp: 10859

Ion	Ratio	Lower	Upper
284	100		
142	41.4	34.6	52.0
249	28.3	24.8	37.2



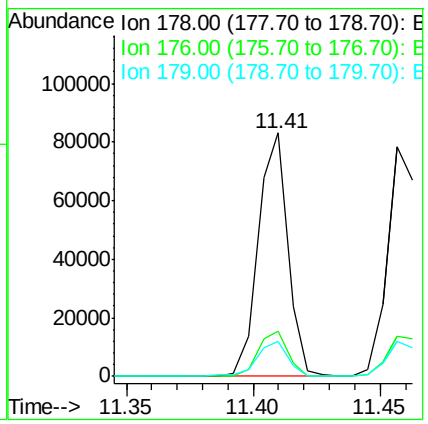


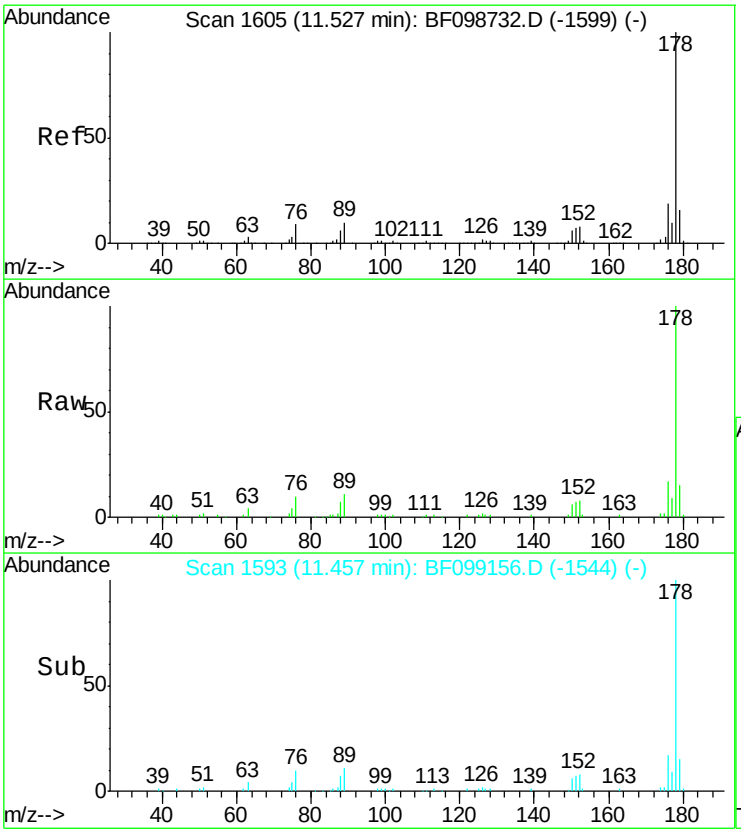
#70
Phenanthrene
Concen: 2.75 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 67795

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.4	13.0	19.6

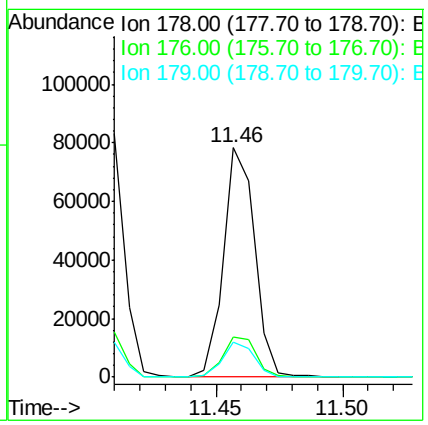


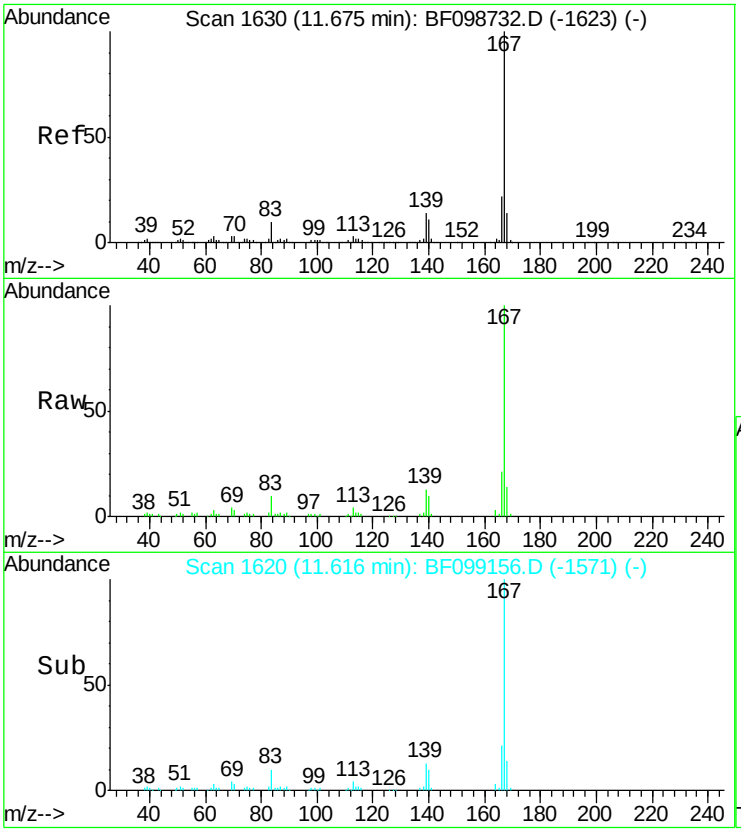


#71
Anthracene
Concen: 2.65 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:178 Resp: 66842

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	15.4	12.6	19.0



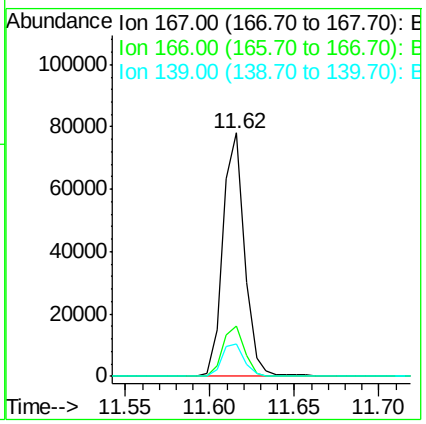


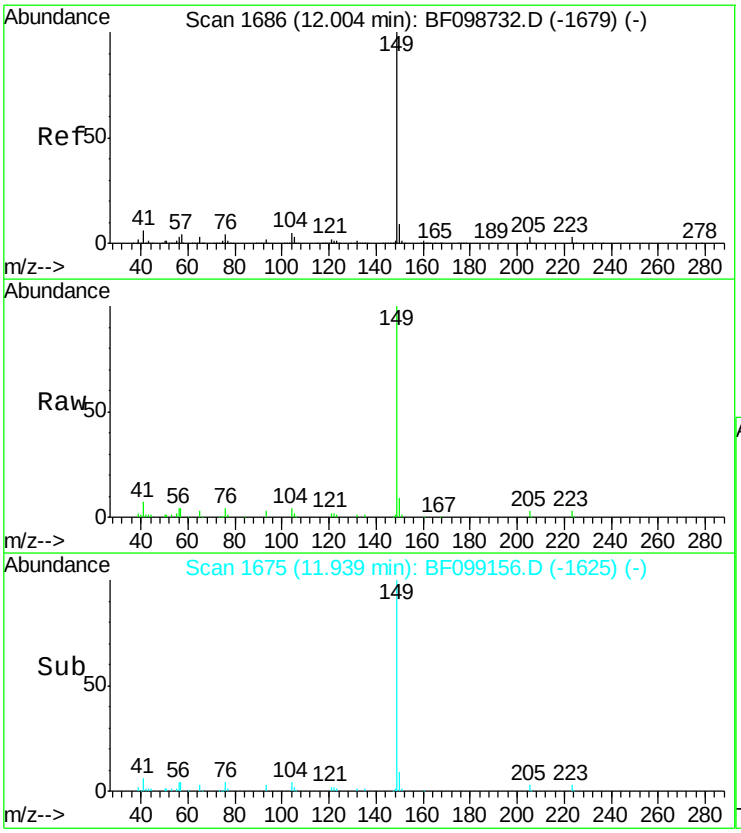
#72
Carbazole
Concen: 2.82 ng
RT: 11.62 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 69631

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	13.4	10.9	16.3

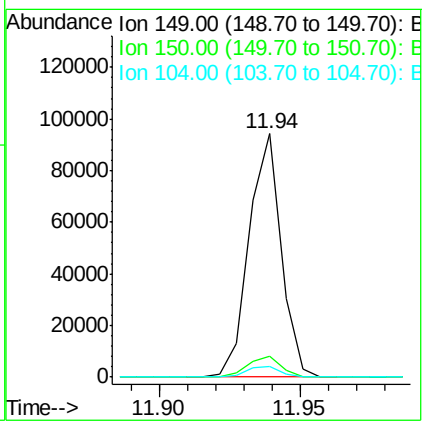


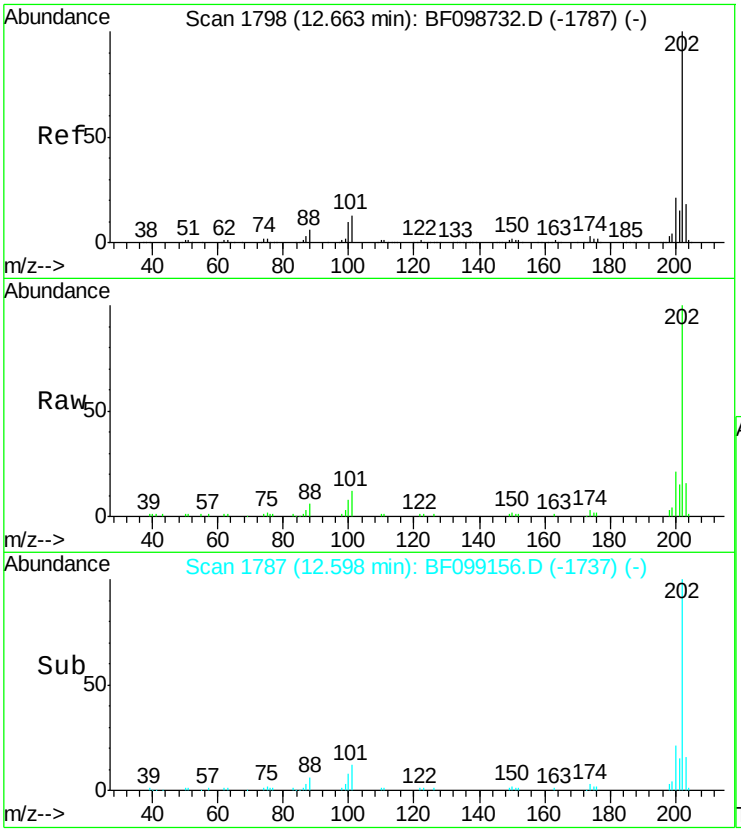


#73
Di-n-butylphthalate
Concen: 2.50 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:149 Resp: 74282

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.8	11.6
104	4.2	3.8	5.8



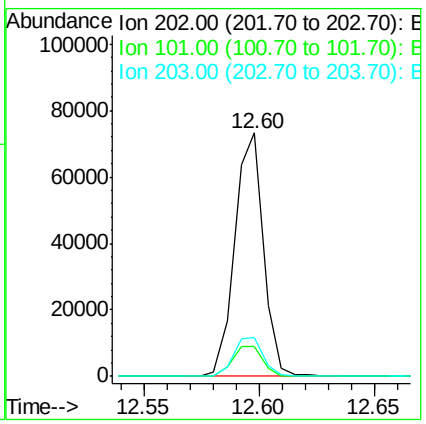


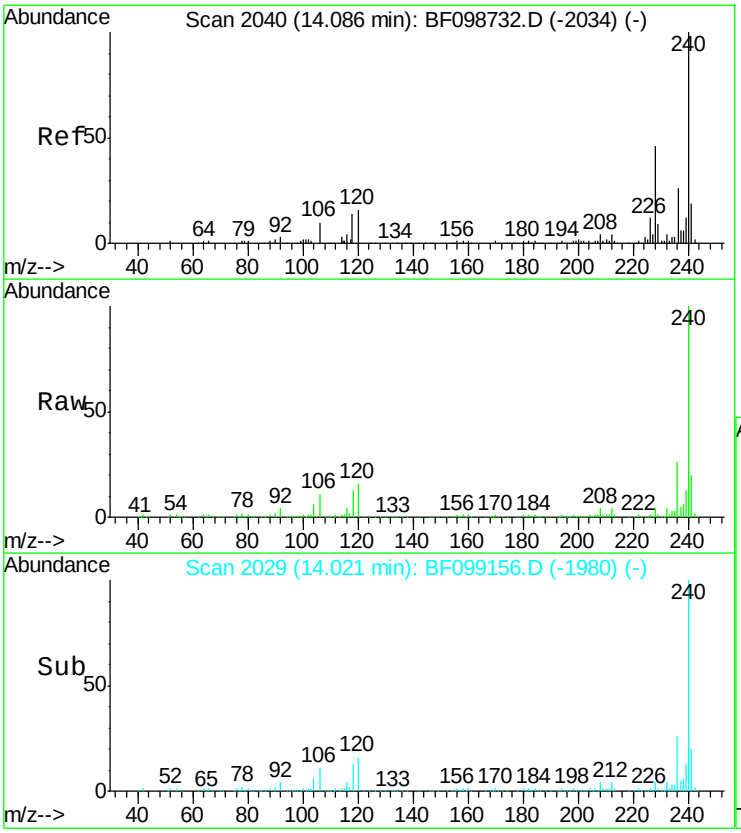
#74
Fluoranthene
Concen: 2.55 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 63621

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	16.0	0.0	38.1

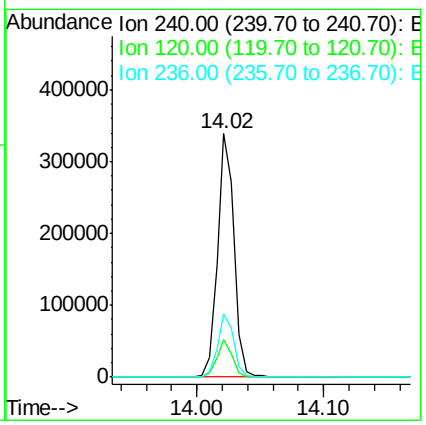


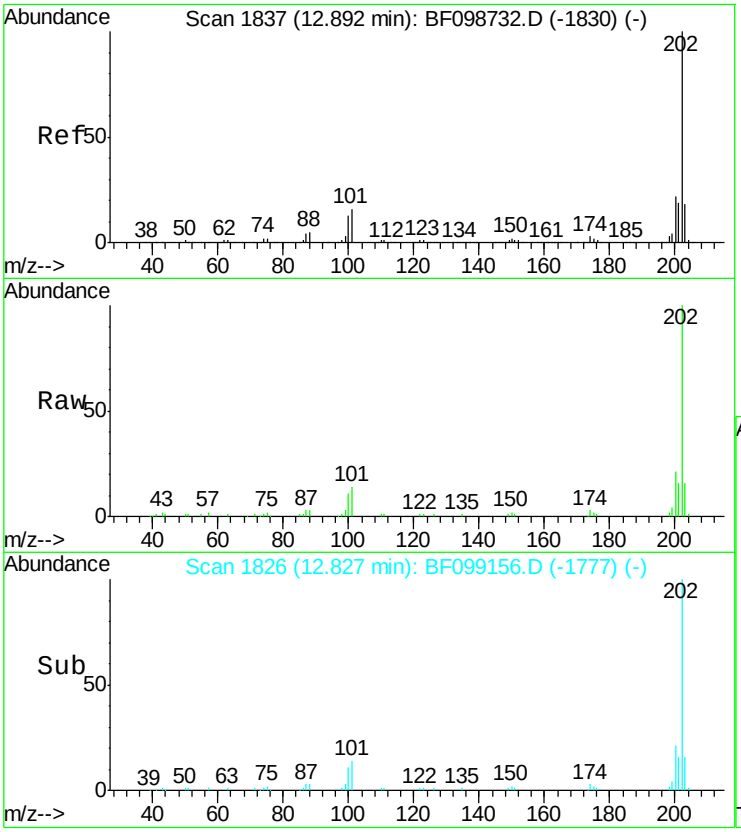


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:240 Resp: 309040

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.9	20.7	31.1



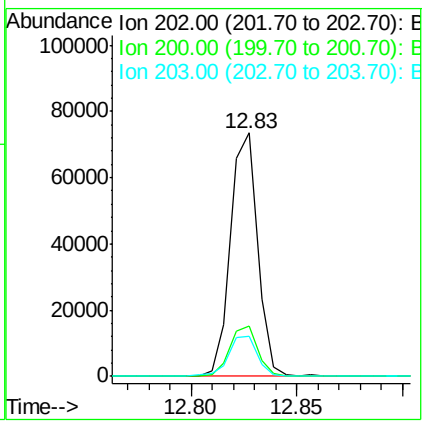


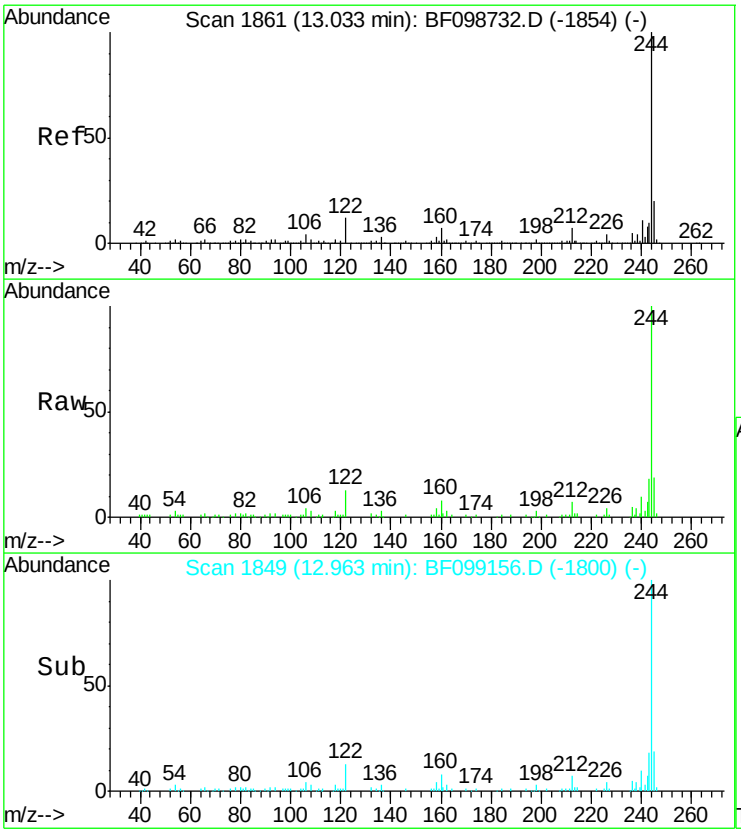
#77
Pyrene
Concen: 2.76 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 64929

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.3	14.3	21.5

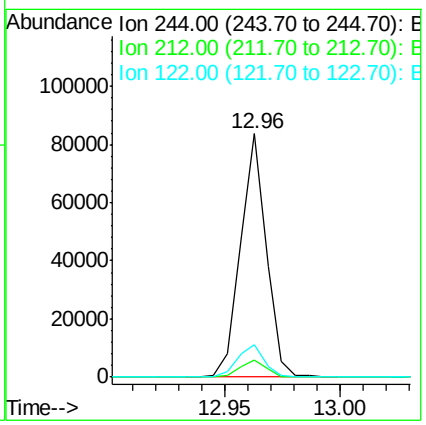


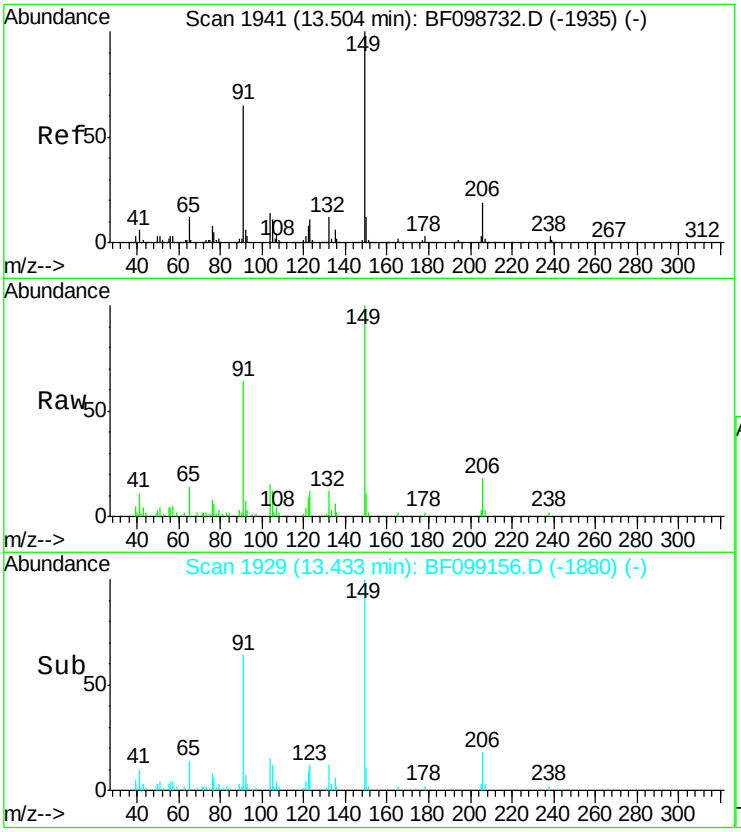


#78
Terphenyl-d14
Concen: 4.81 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:244 Resp: 65312

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4



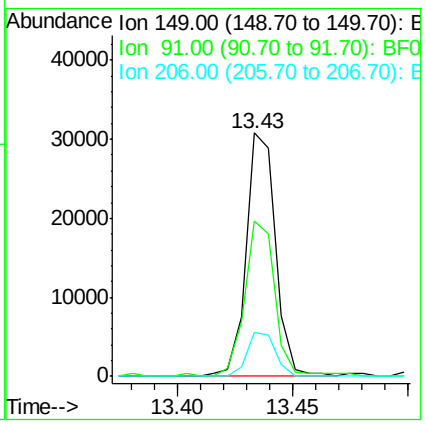


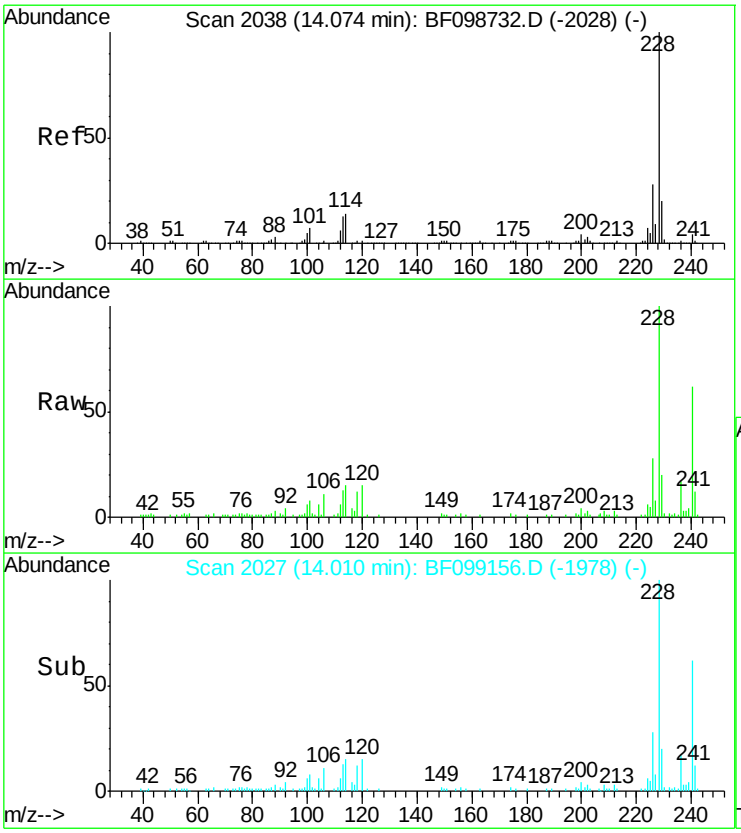
#79
Butylbenzylphthalate
Concen: 2.48 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 27452

Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	18.0	14.1	21.1

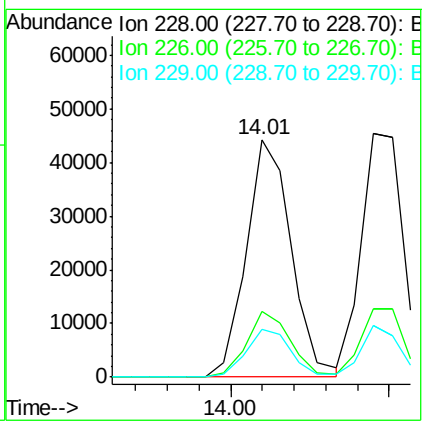


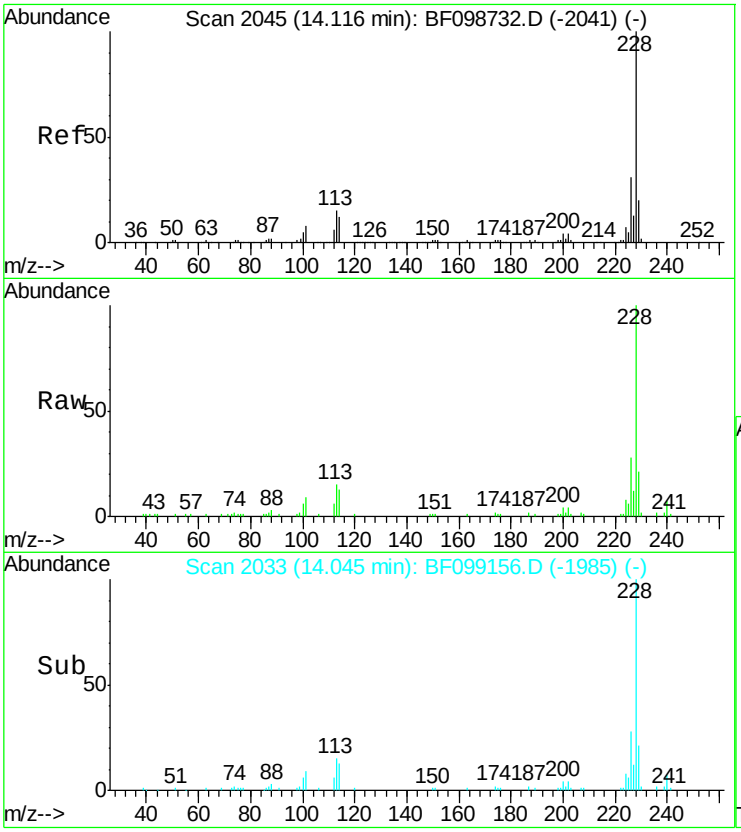


#80
Benzo(a)anthracene
Concen: 2.33 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:228 Resp: 43525

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	15.8	23.6



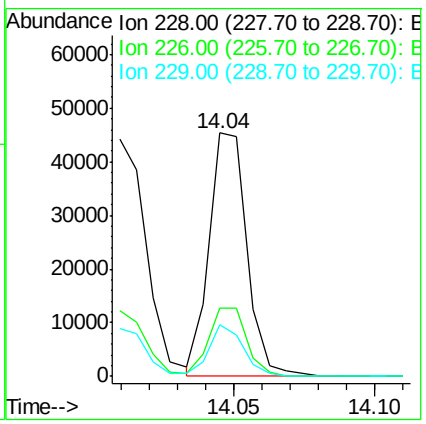


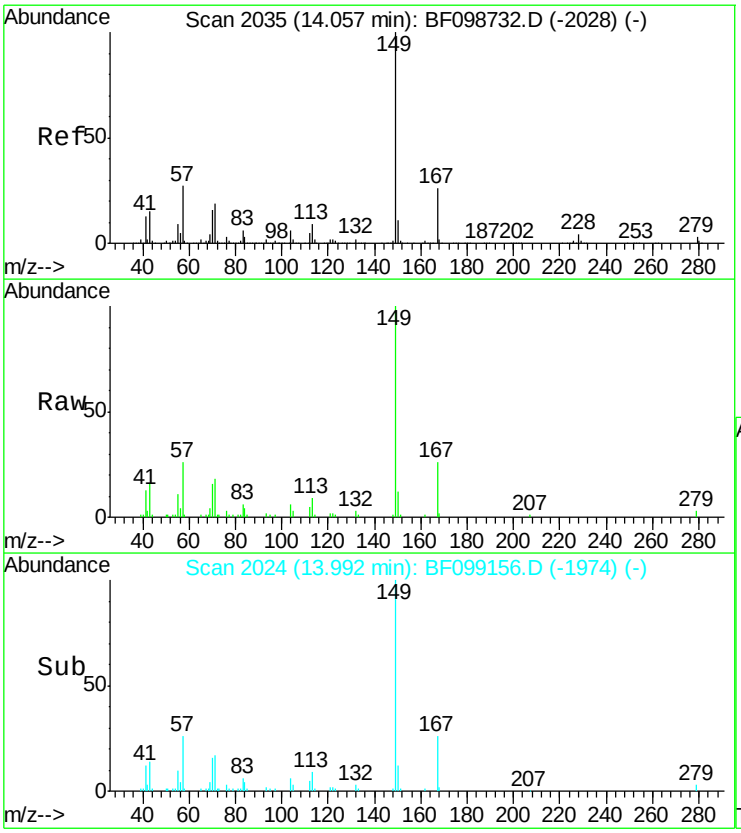
#82
Chrysene
Concen: 2.37 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42228

Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.0	37.6
229	21.0	16.2	24.4

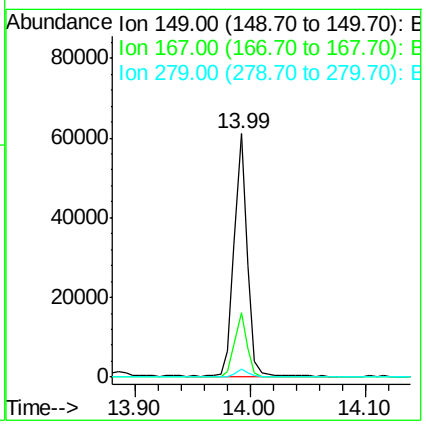


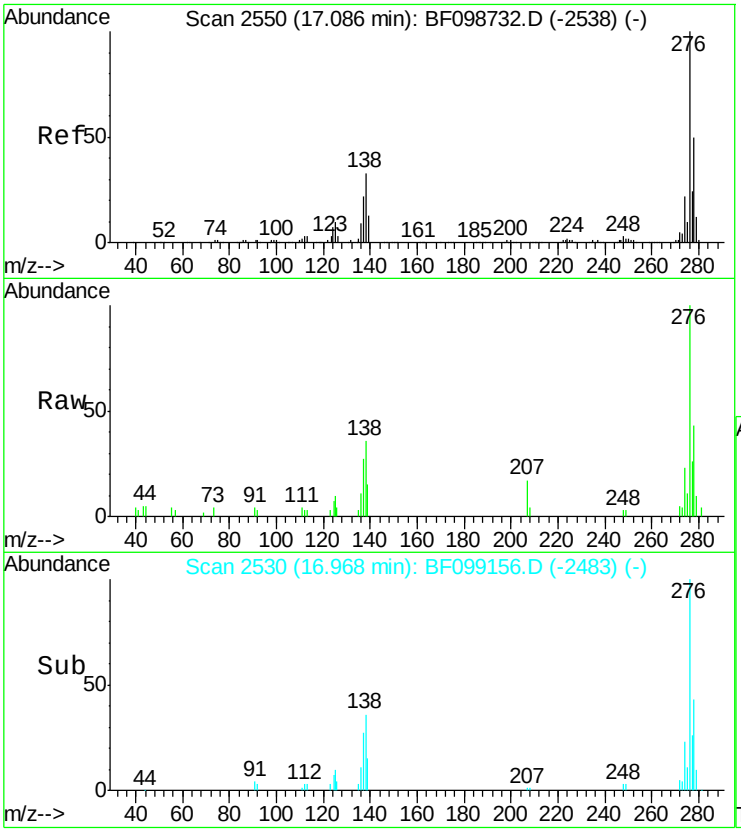


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.23 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:149 Resp: 49203

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.3	3.0	4.4



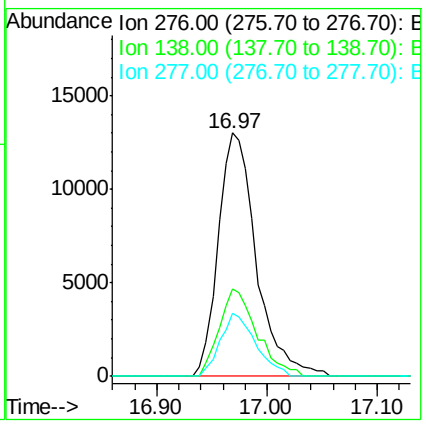


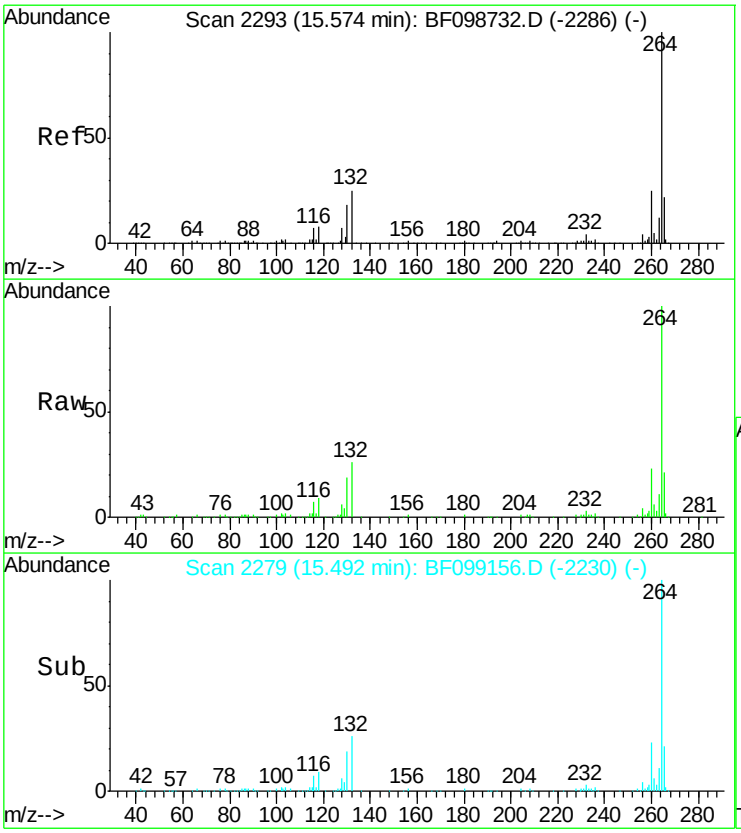
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.20 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31338

Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	23.9	20.1	30.1

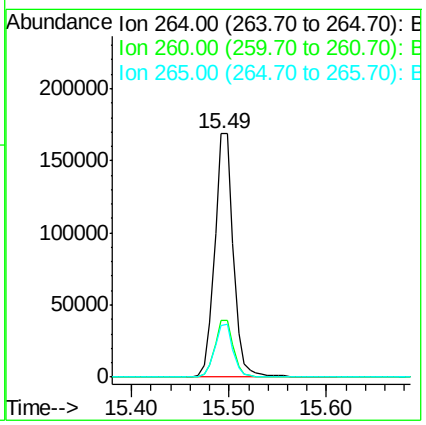


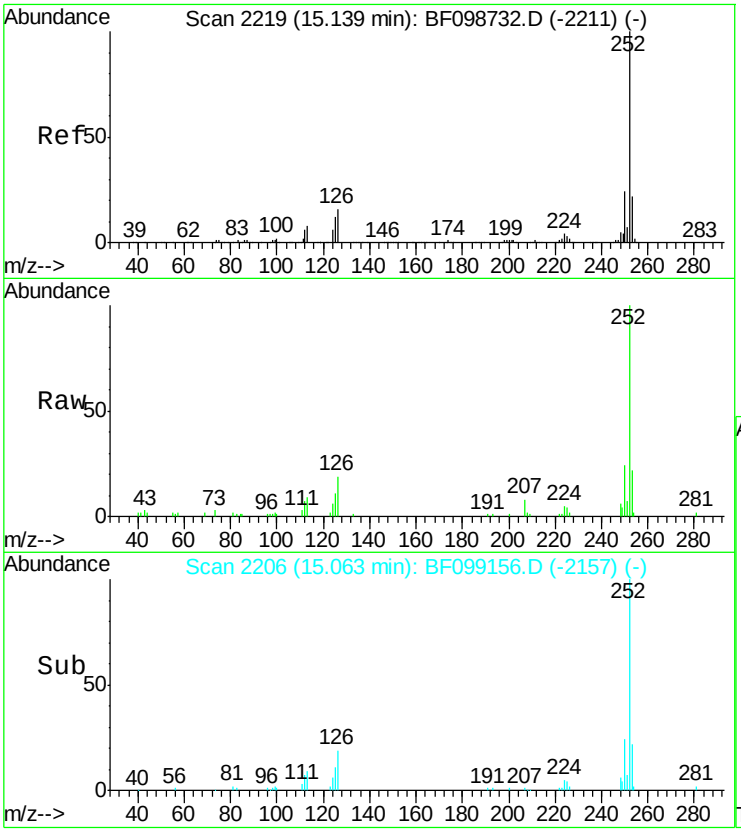


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:264 Resp: 223749

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3



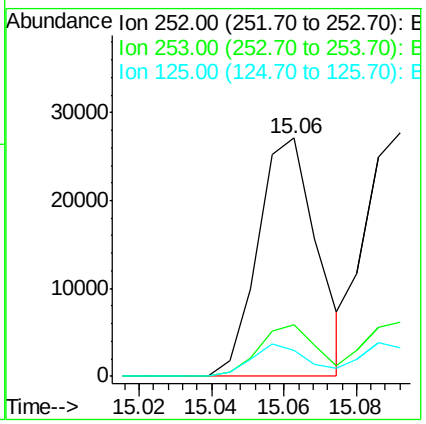


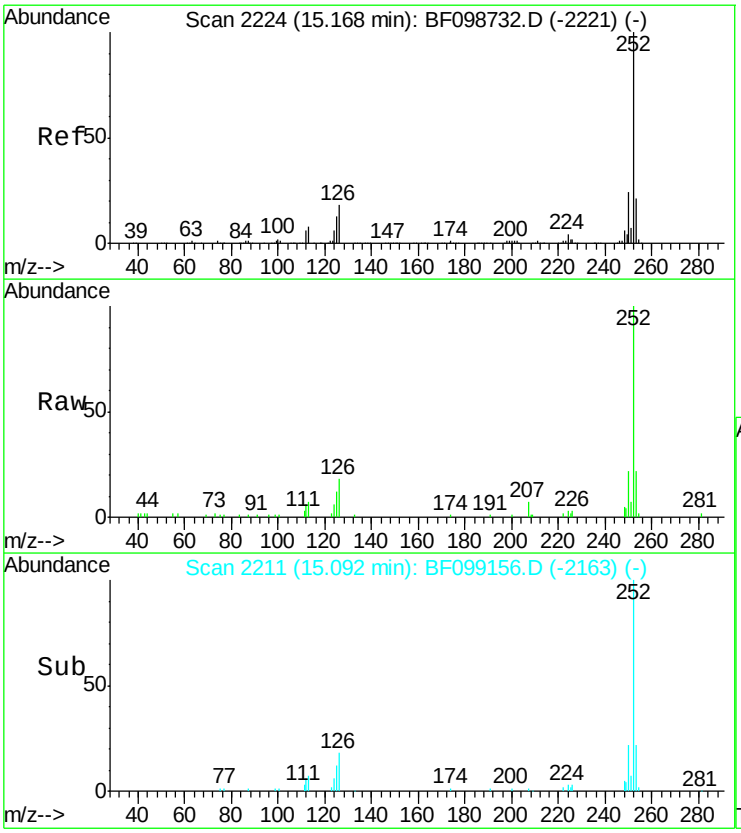
#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30723

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.1	9.0	13.6

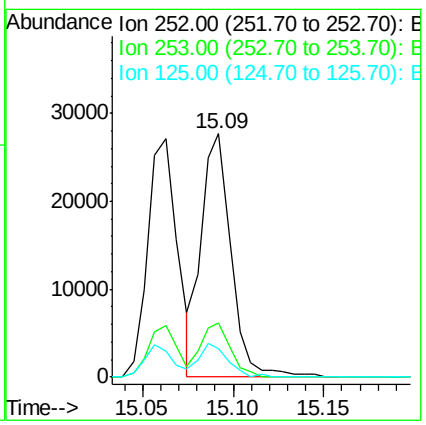


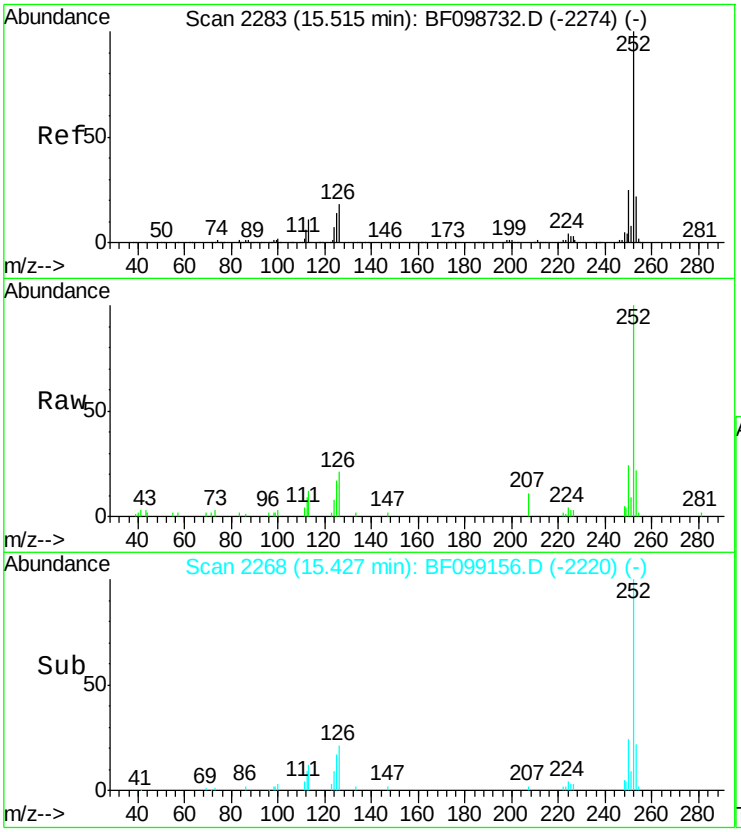


#88
Benzo(k)fluoranthene
Concen: 2.33 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:252 Resp: 31718

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.9	10.2	15.2



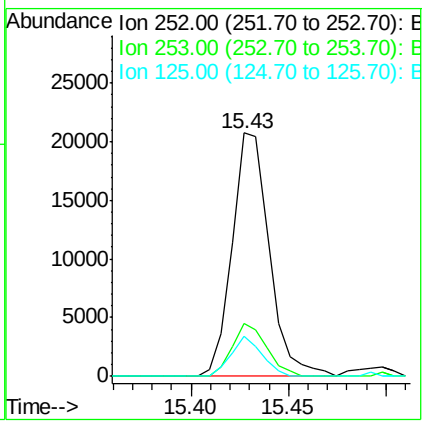


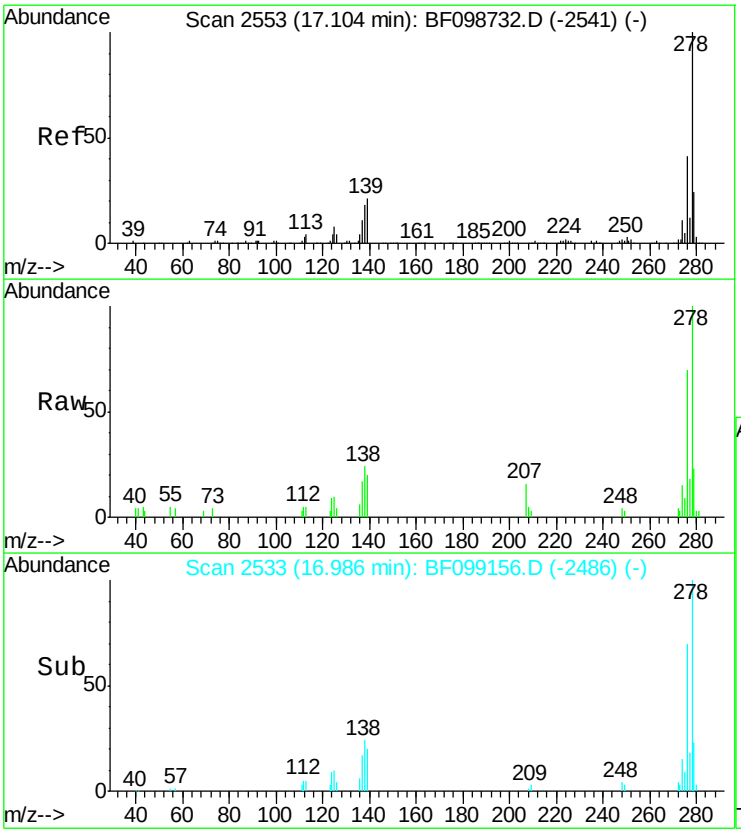
#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27357

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	16.5	9.8	14.6#

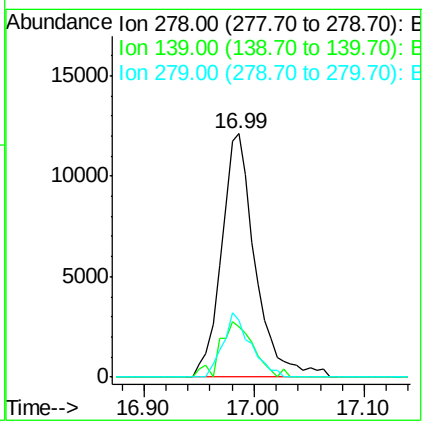


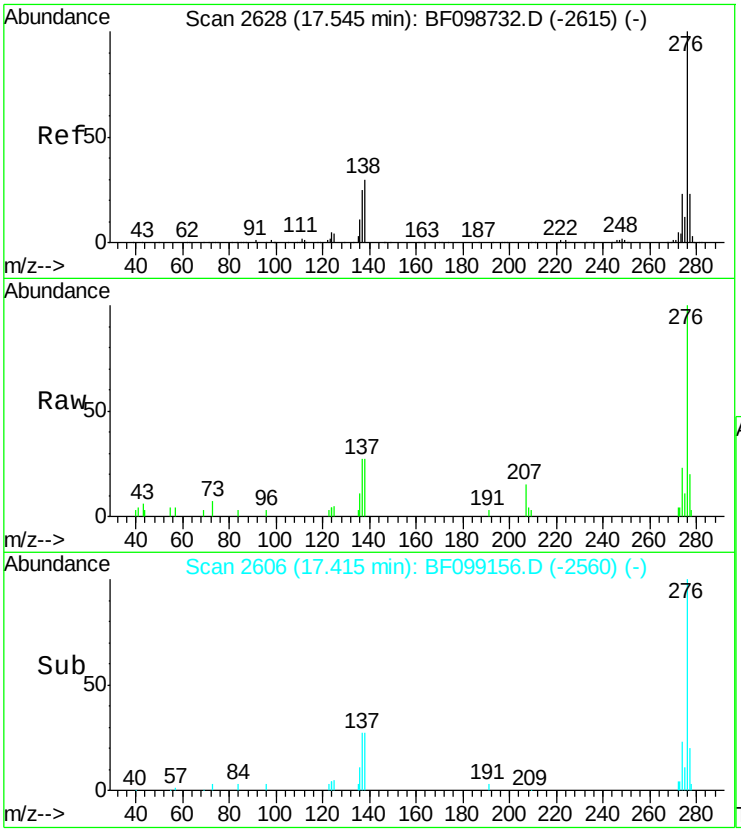


#90
Dibenzo(a,h)anthracene
Concen: 2.56 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Tgt Ion:278 Resp: 25859

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	23.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.61 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.03 min
Lab File: BF099156.D
Acq: 6 Oct 2017 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26101

Ion	Ratio	Lower	Upper
276	100		
277	19.5	17.9	26.9
138	27.3	21.8	32.8