Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099416.D
Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 04:37:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111539	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	433807	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	169035	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	244915	20.00	ng		0.00
75) Chrysene-d12	14.02	240	209077	20.00	ng		0.00
86) Perylene-d12	15.49	264	174200	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	677214	96.65	ng		0.01
7) Phenol-d6	6.49	99	827592	95.75	ng		0.00
23) Nitrobenzene-d5	7.42	82	500999	74.06	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	116059	83.91	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	787225	77.75	ng		0.00
78) Terphenyl-d14	12.96	244	532885	57.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	27635	2.86	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	64398	11.67	ng	#	74
25) Isophorone	7.42	82	499198	35.69	ng	#	64
31) Naphthalene	8.16	128	49496	2.43	ng		100
37) 2-Methylnaphthalene	8.85	142	35401	2.67	ng		98
49) Dimethylphthalate	9.60	163	182972	14.34	ng		99
51) Acenaphthene	9.92	154	34476	3.26	ng		99
53) 2,4-Dinitrophenol	10.17	184	385	6.07	ng	#	16
54) Dibenzofuran	10.09	168	56225	3.99	ng		97
57) Fluorene	10.43	166	38973	3.44	ng		97
62) Azobenzene	10.60	77	39956	3.49	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	7915	3.30	ng	#	1
70) Phenanthrene	11.40	178	729144	55.62	ng		99
71) Anthracene	11.45	178	121486	9.06	ng		99
72) Carbazole	11.61	167	77870	5.93	ng		100
73) Di-n-butylphthalate	11.93	149	41543	2.63	ng		97
74) Fluoranthene	12.60	202	985225	74.22	ng		98
77) Pyrene	12.83	202	871864	54.69	ng		99
80) Benzo(a)anthracene	14.01	228	421896	33.32	ng		99
82) Chrysene	14.04	228	365206	30.30	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	137661	14.28	ng		99
87) Benzo(b)fluoranthene	15.06	252	558546	52.15	ng	#	95
88) Benzo(k)fluoranthene	15.06	252	558546	52.80	ng		97
89) Benzo(a)pyrene	15.43	252	252716	25.70	ng	#	95
90) Dibenzo(a,h)anthracene	16.97	278	34532	4.39	ng	#	77
91) Benzo(g,h,i)perylene	17.43	276	133010	17.10	ng		95

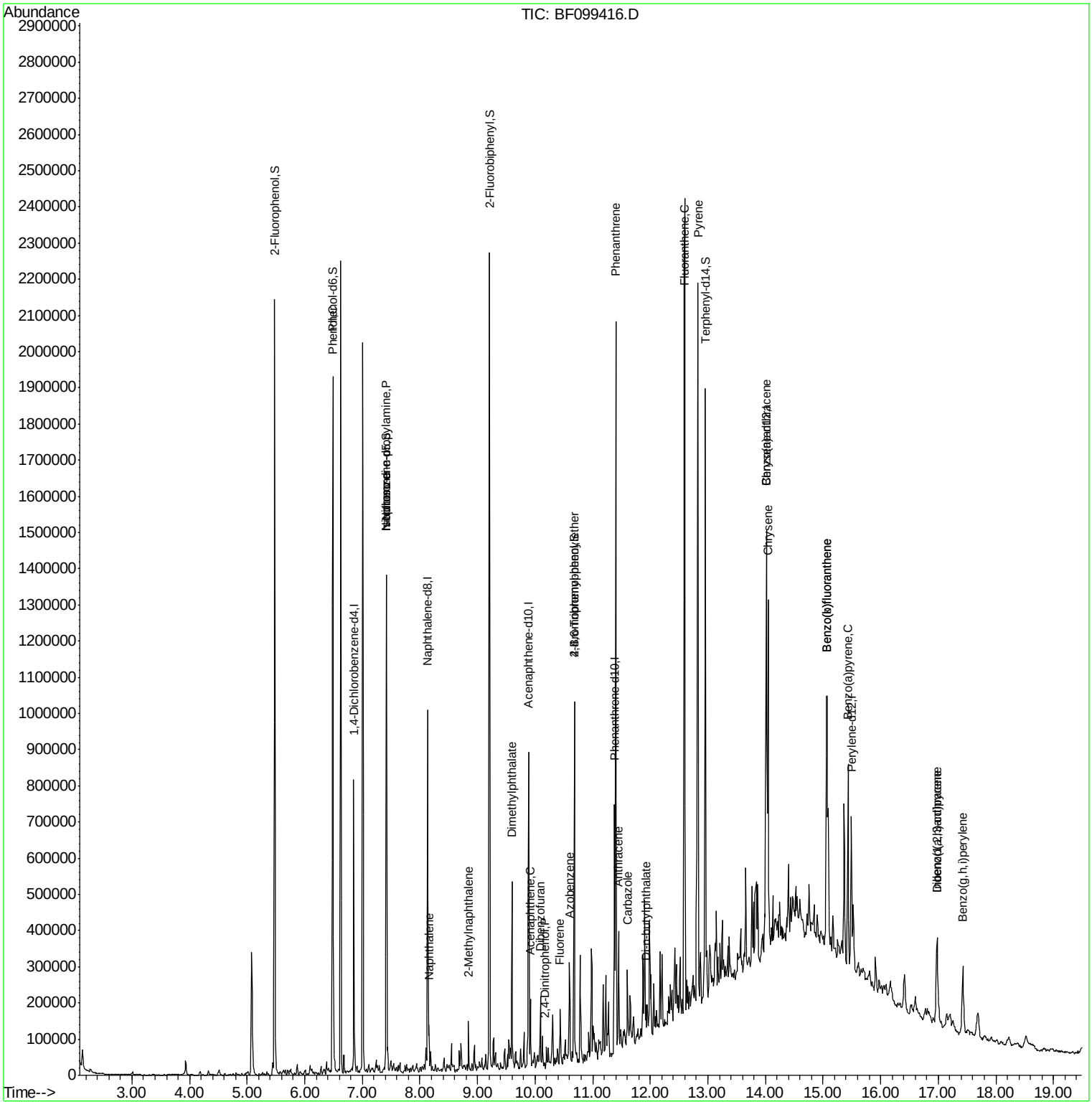
(#) = qualifier out of range (m) = manual integration (+) = signals summed

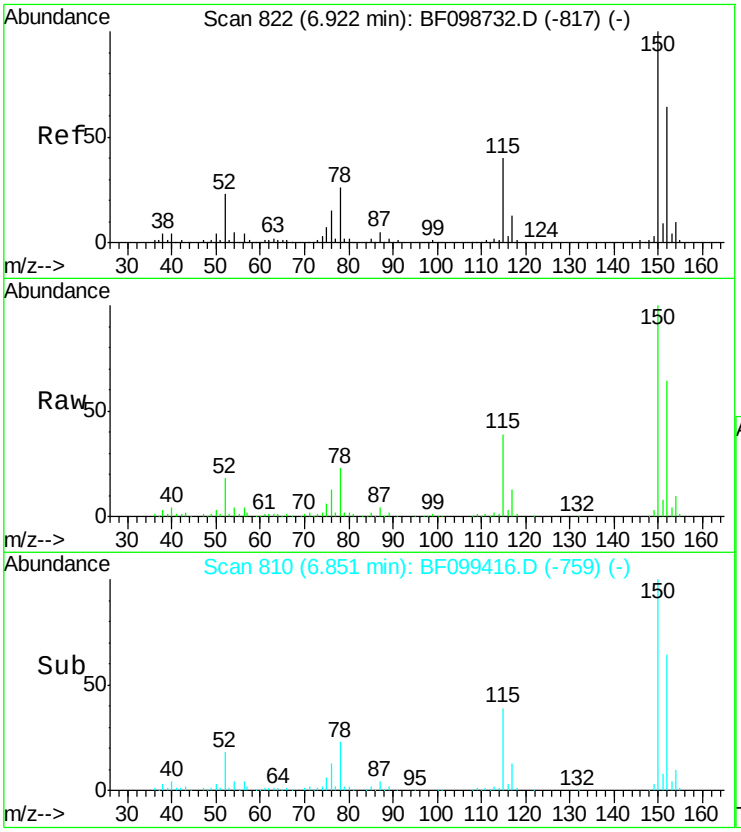
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099416.D
Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 04:37:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



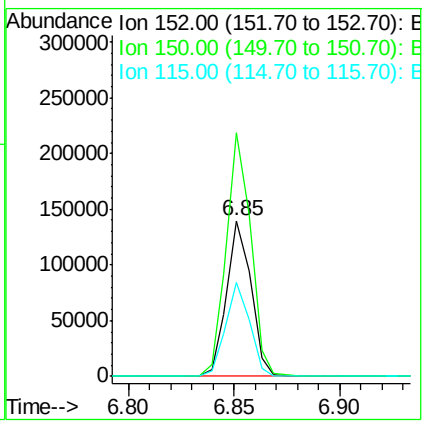


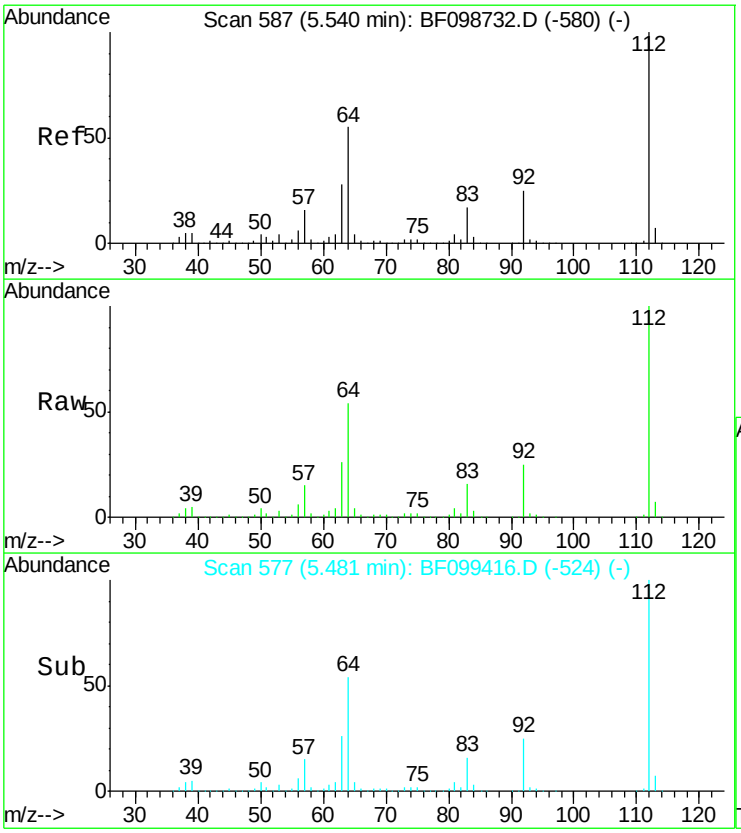
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111539

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	60.3	50.1	75.1

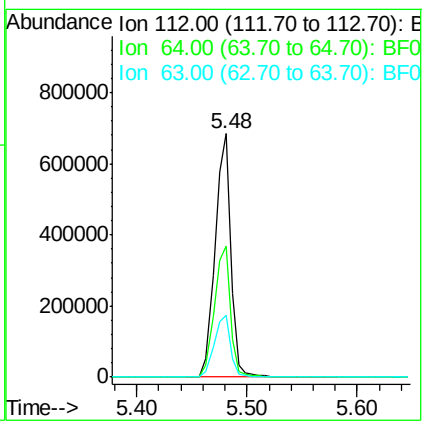


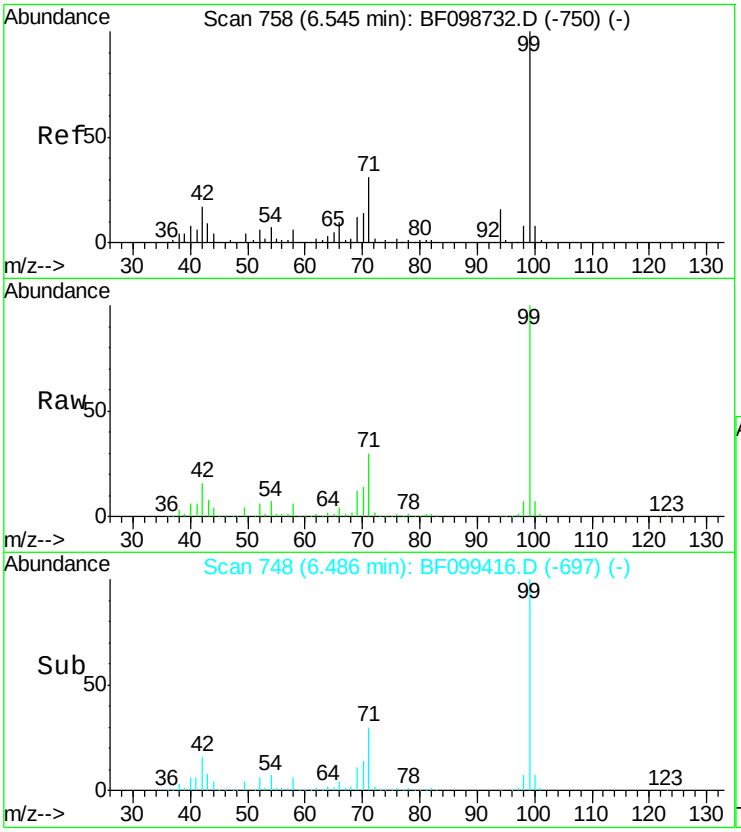


#5
2-Fluorophenol
Concen: 96.65 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:112 Resp: 677214

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	25.6	23.7	35.5



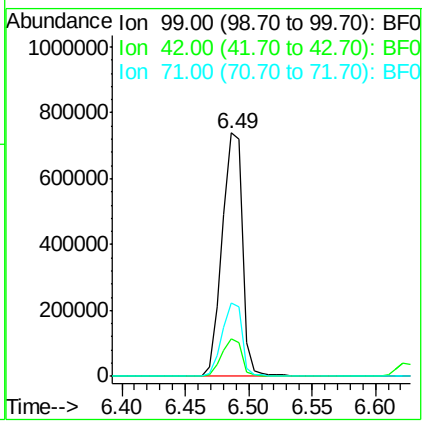


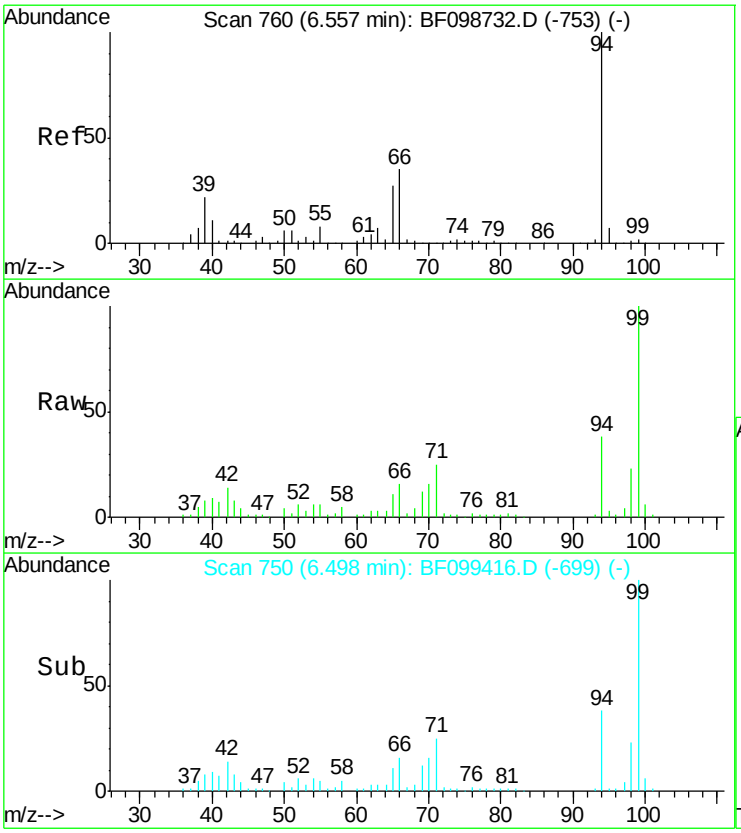
#7
Phenol-d6
Concen: 95.75 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 827592

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.4	25.4	38.0

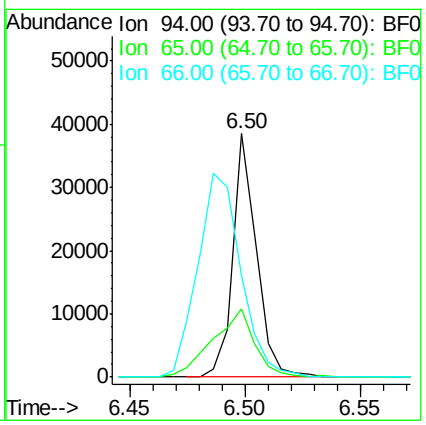


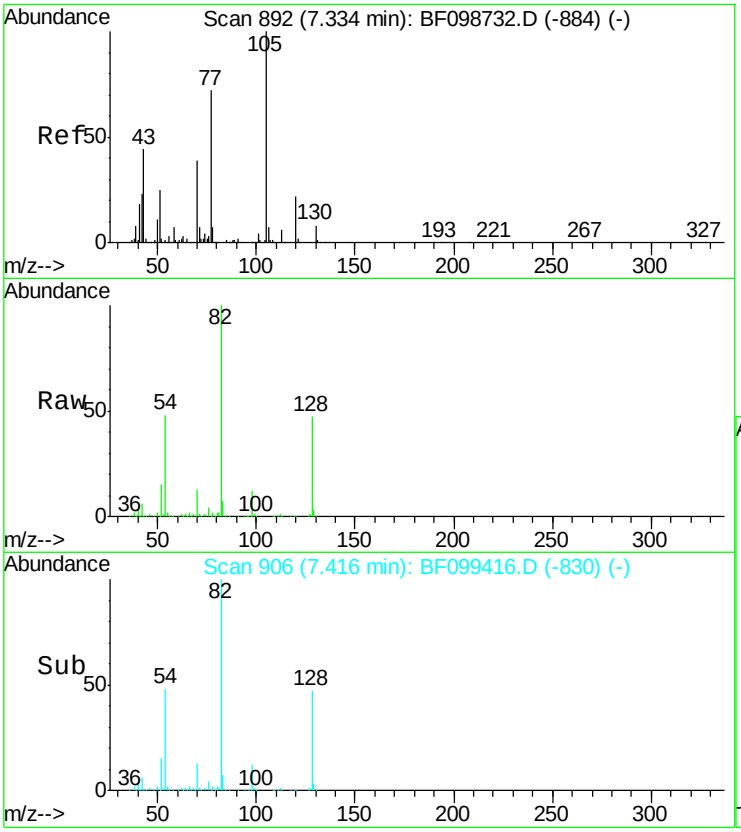


#10
Phenol
Concen: 2.86 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion: 94 Resp: 27635

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	41.6	16.2	56.2



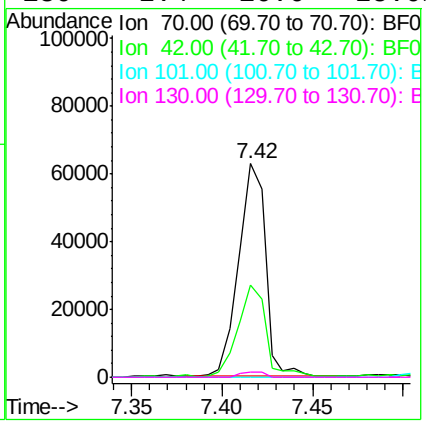


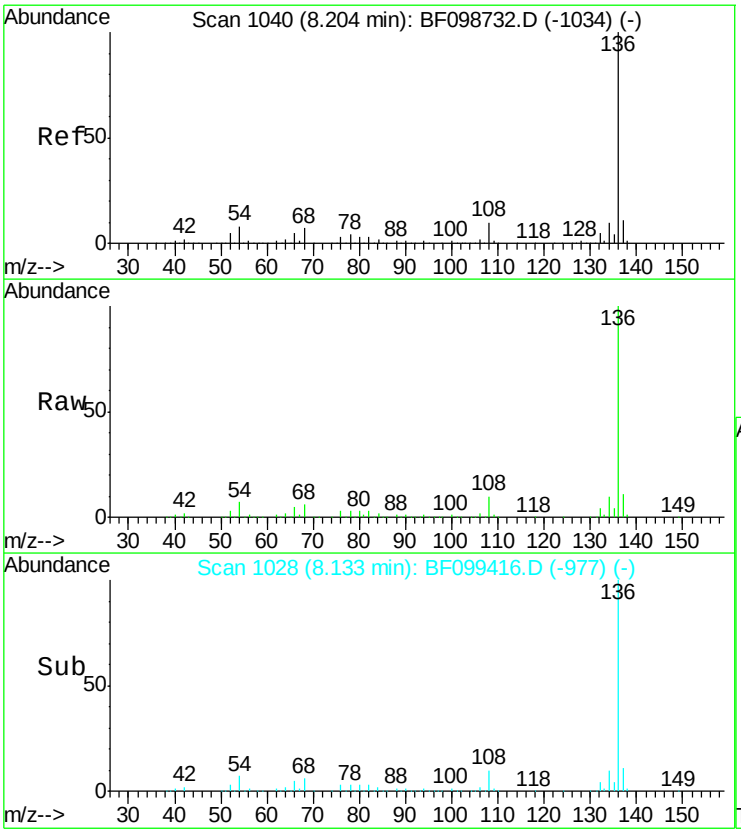
#19
n-Nitroso-di-n-propylamine
Concen: 11.67 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64398

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

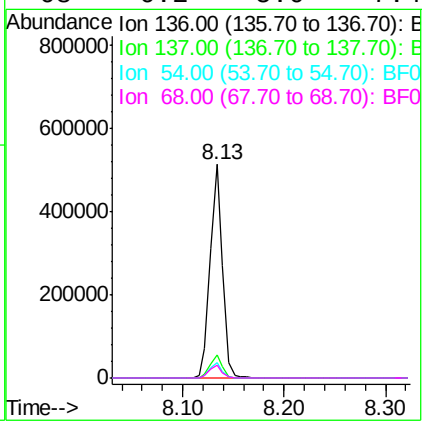


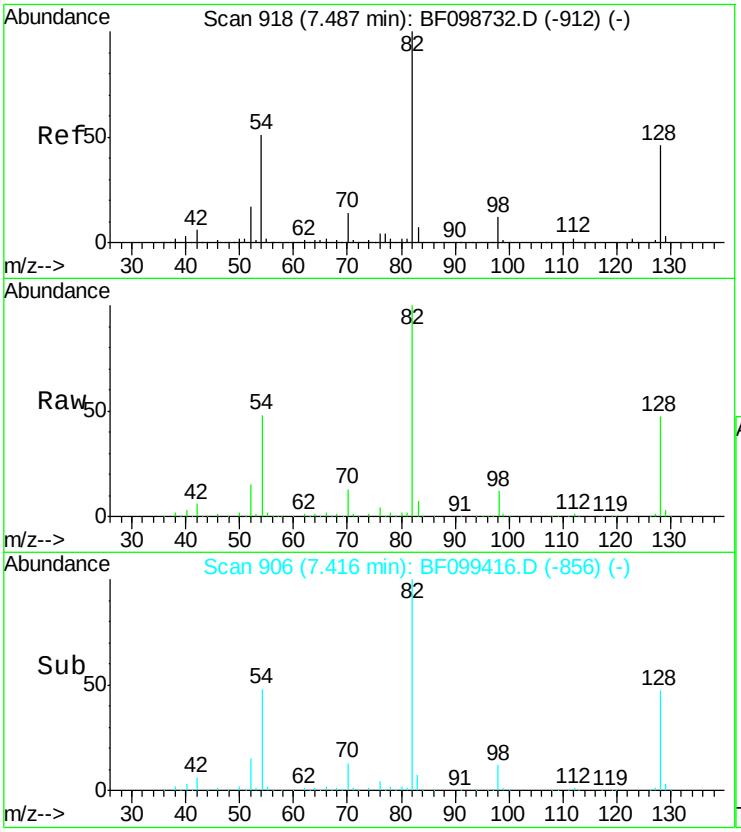


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:136 Resp: 433807

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4



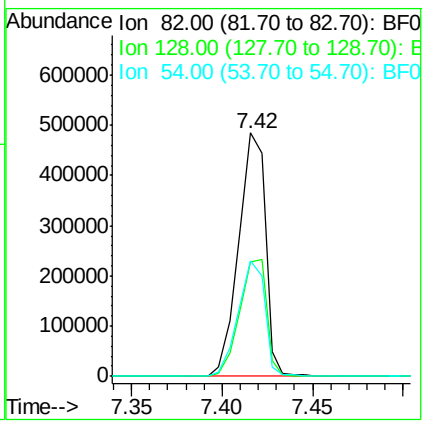


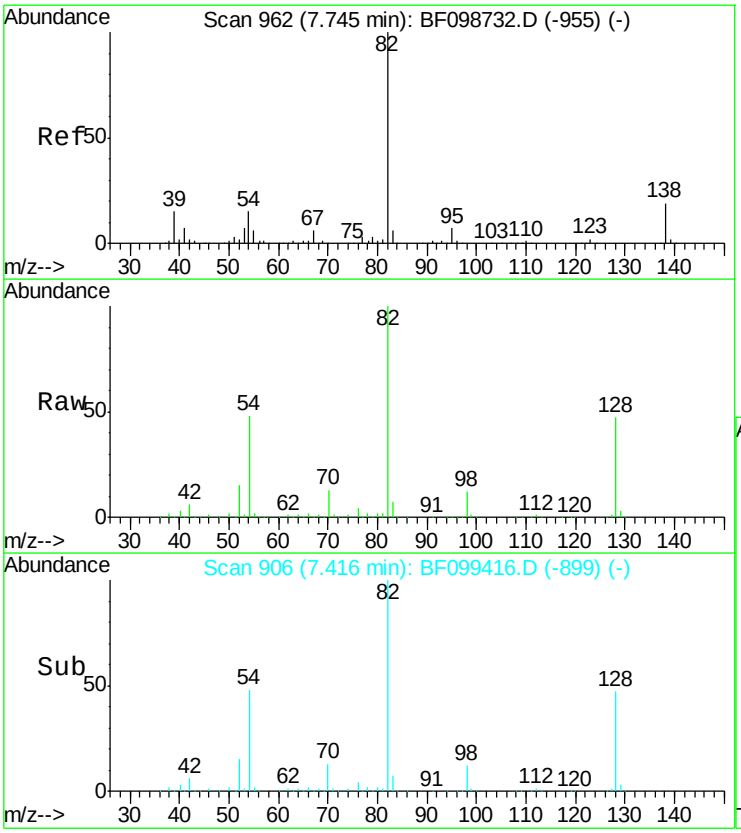
#23
Nitrobenzene-d5
Concen: 74.06 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 500999

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	47.6	41.4	62.2

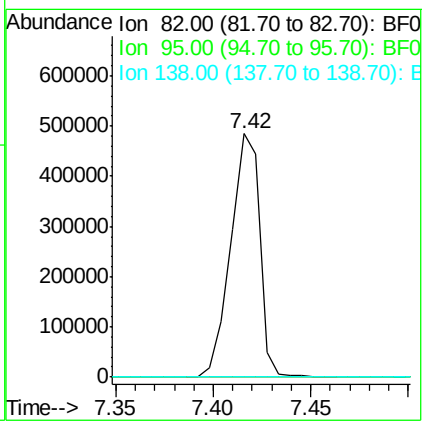


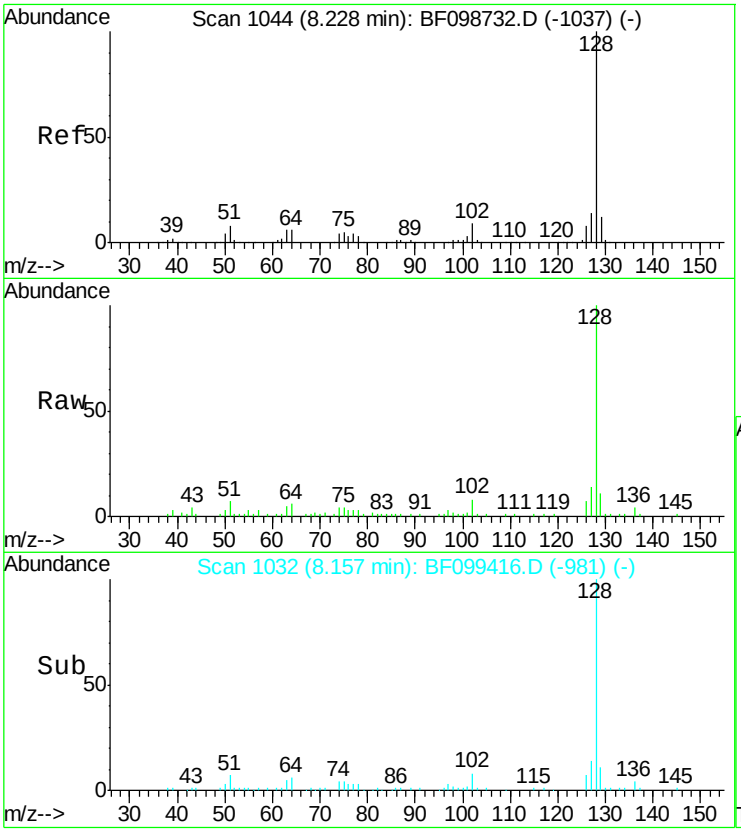


#25
Isophorone
Concen: 35.69 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion: 82 Resp: 499198

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



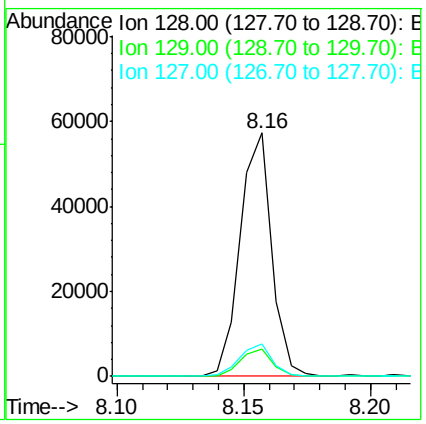


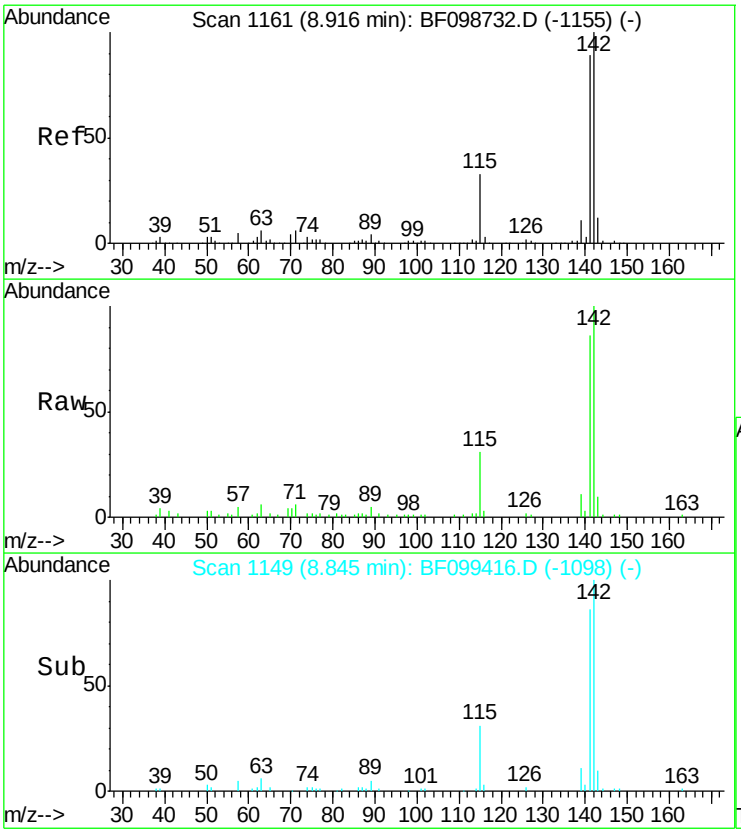
#31
Naphthalene
Concen: 2.43 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 49496

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3

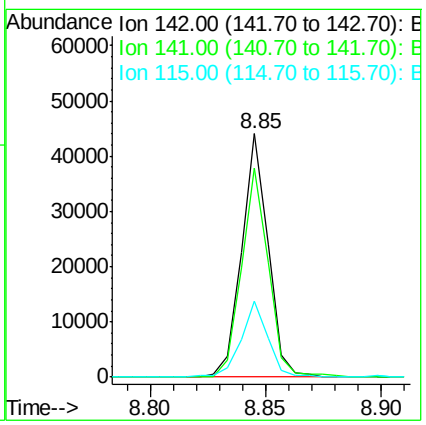


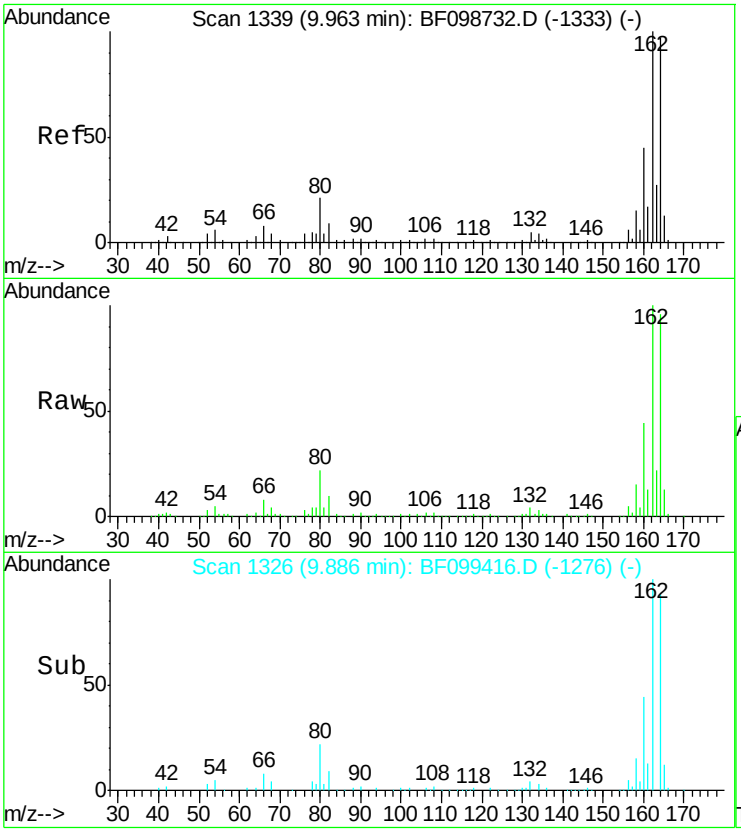


#37
2-Methylnaphthalene
Concen: 2.67 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:142 Resp: 35401

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.8	106.2
115	31.4	26.1	39.1



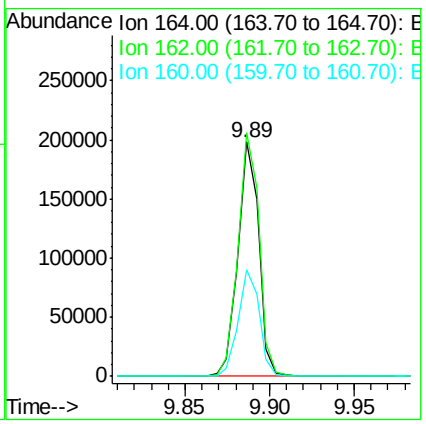


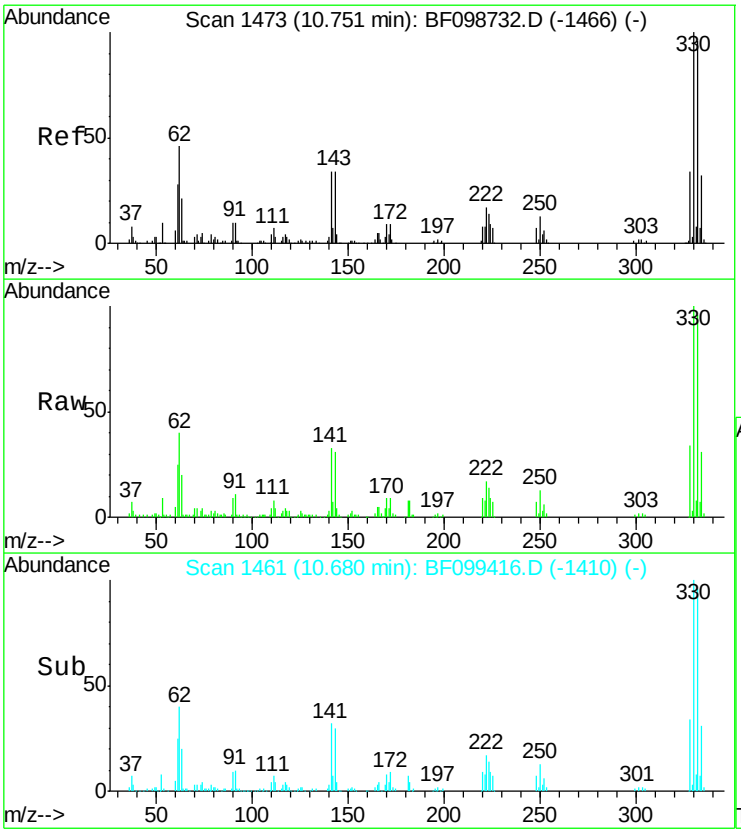
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169035

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.6	38.3	57.5

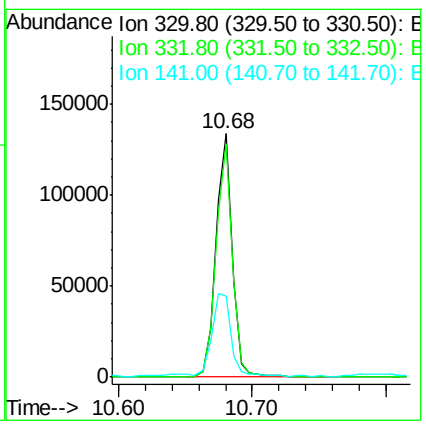


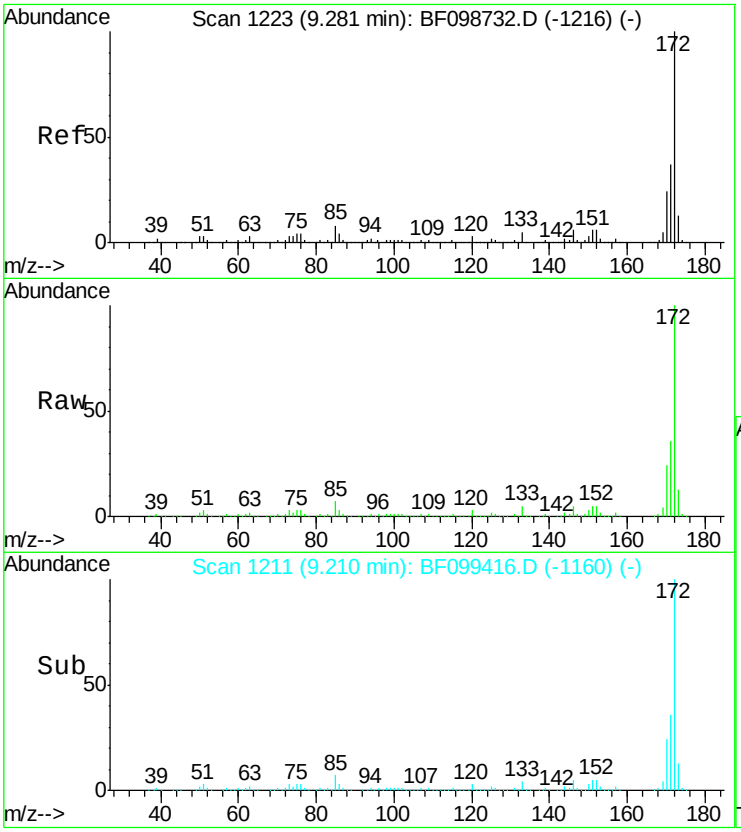


#41
2,4,6-Tribromophenol
Concen: 83.91 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:330 Resp: 116059

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	42.0	29.9	44.9



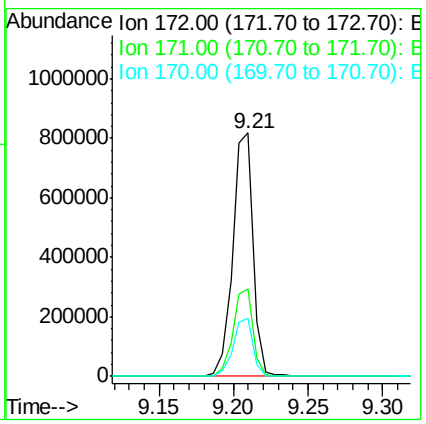


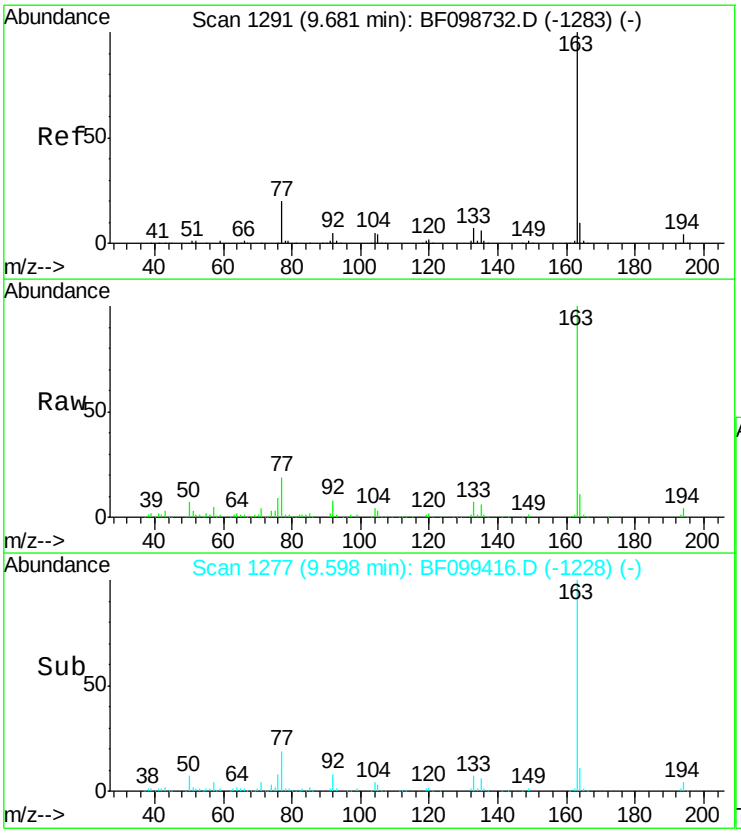
#44
2-Fluorobiphenyl
Concen: 77.75 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 787225

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

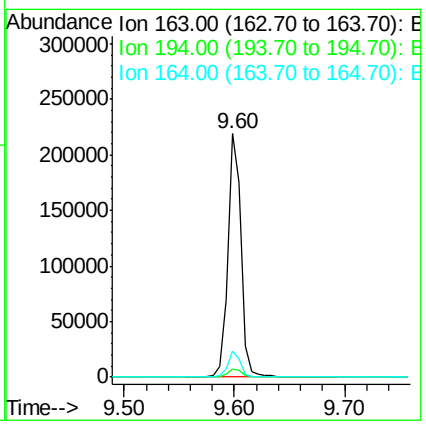


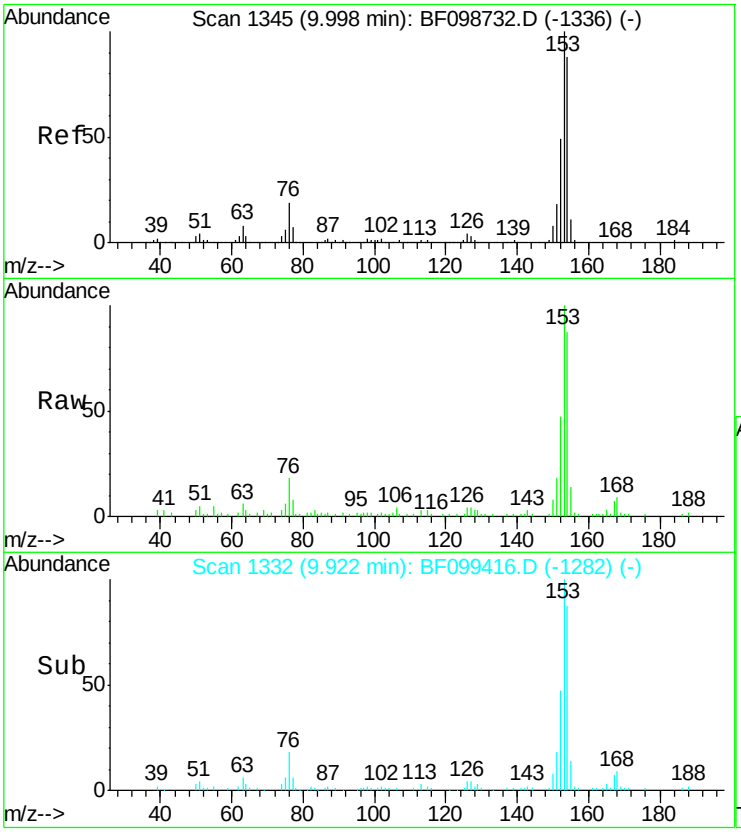


#49
Dimethylphthalate
Concen: 14.34 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:163 Resp: 182972

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2



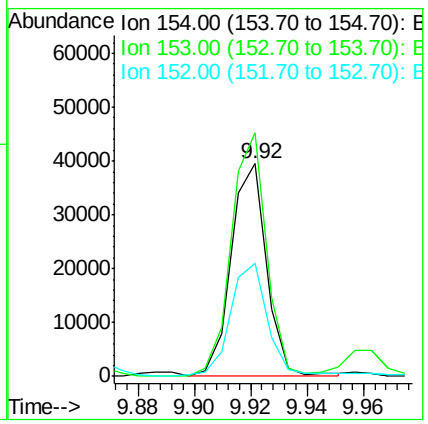


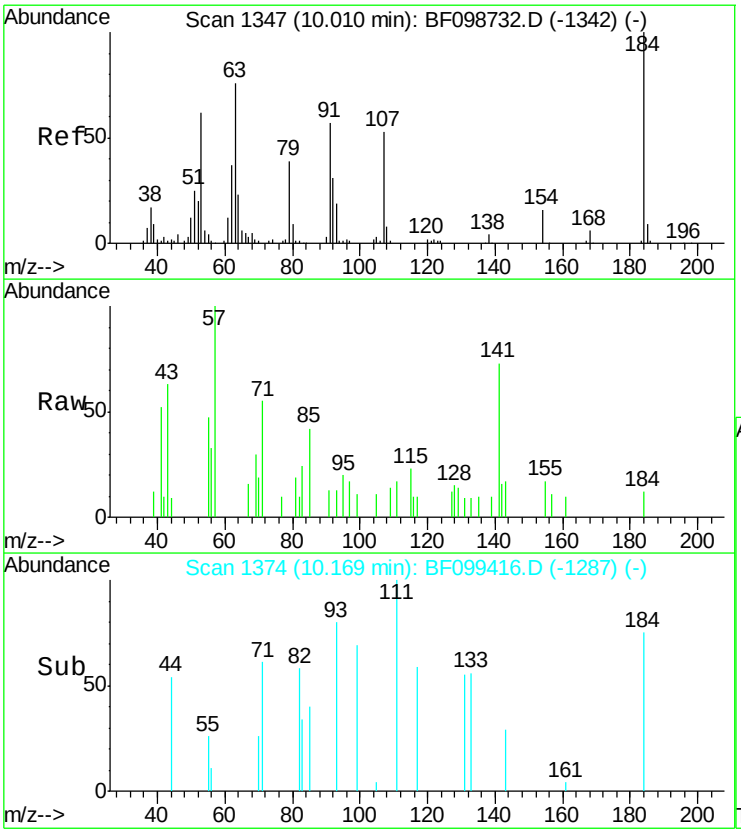
#51
Acenaphthene
Concen: 3.26 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34476

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	53.4	43.8	65.8

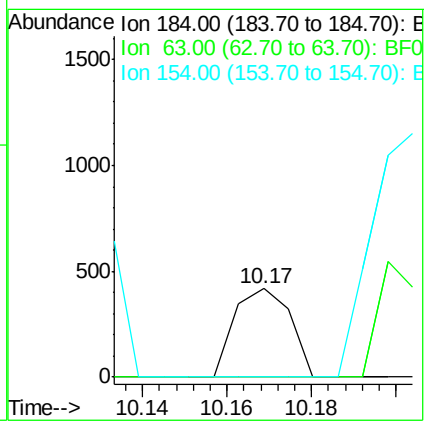


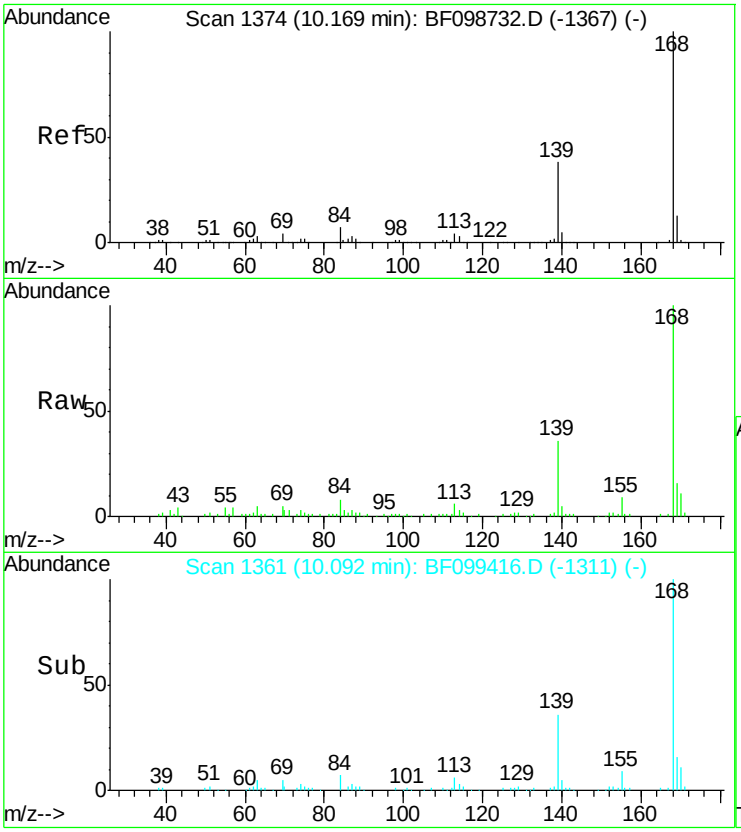


#53
2,4-Dinitrophenol
Concen: 6.07 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.21 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:184 Resp: 385

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	53.5	80.3#



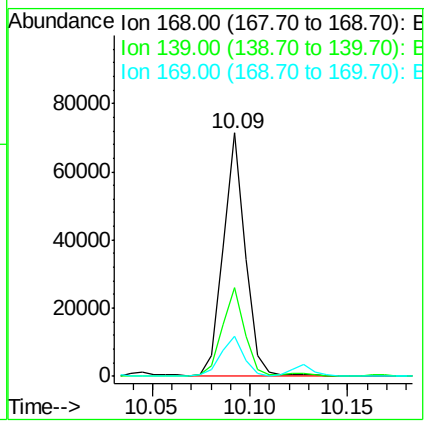


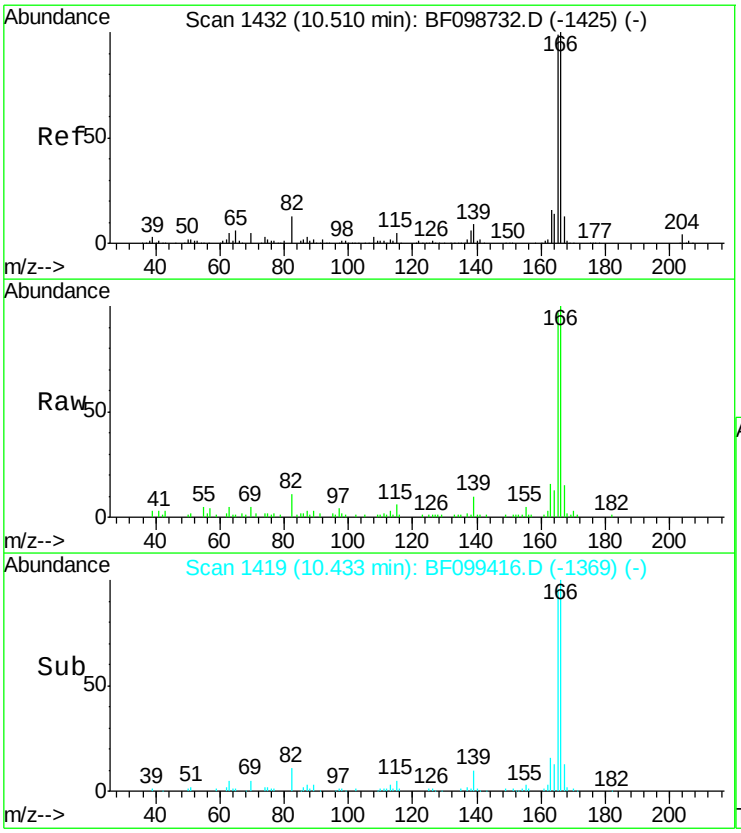
#54
Dibenzofuran
Concen: 3.99 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 56225

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	16.3	10.9	16.3

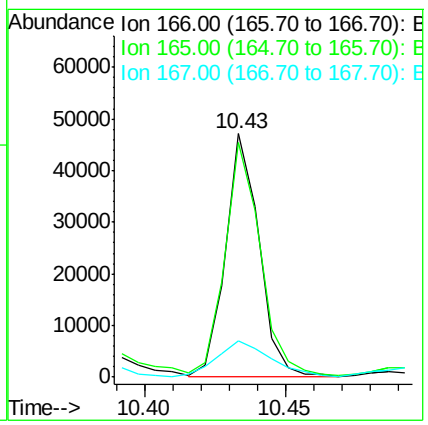


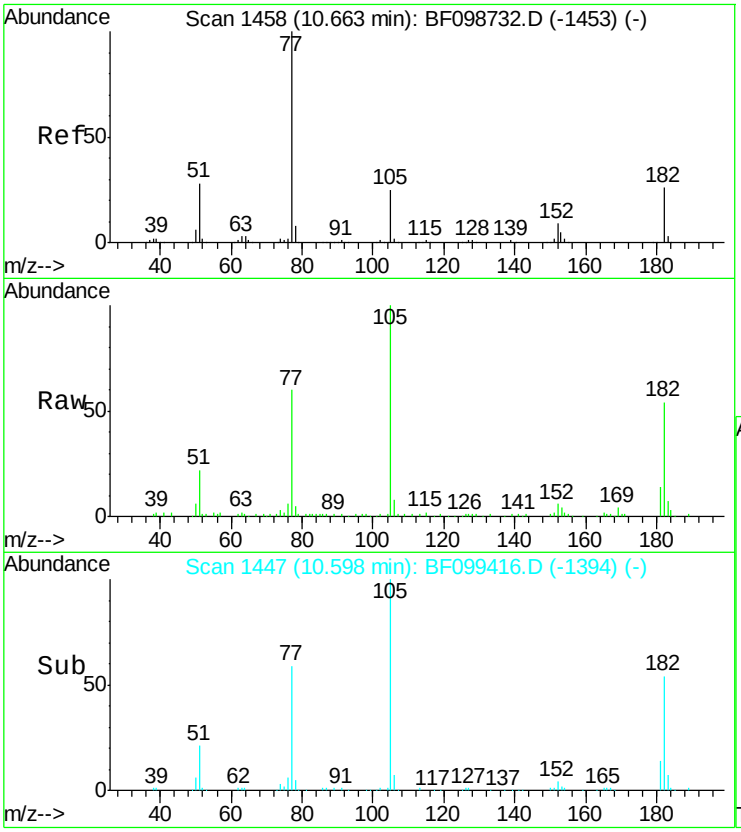


#57
Fluorene
Concen: 3.44 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:166 Resp: 38973

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.8
167	14.7	10.6	16.0



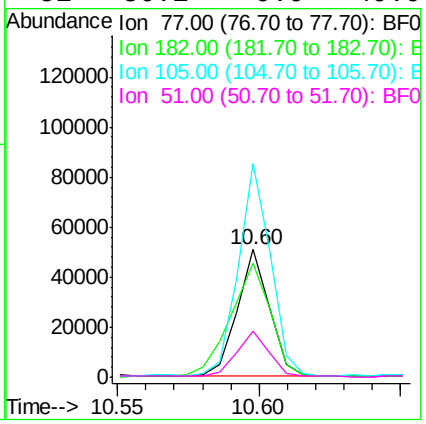


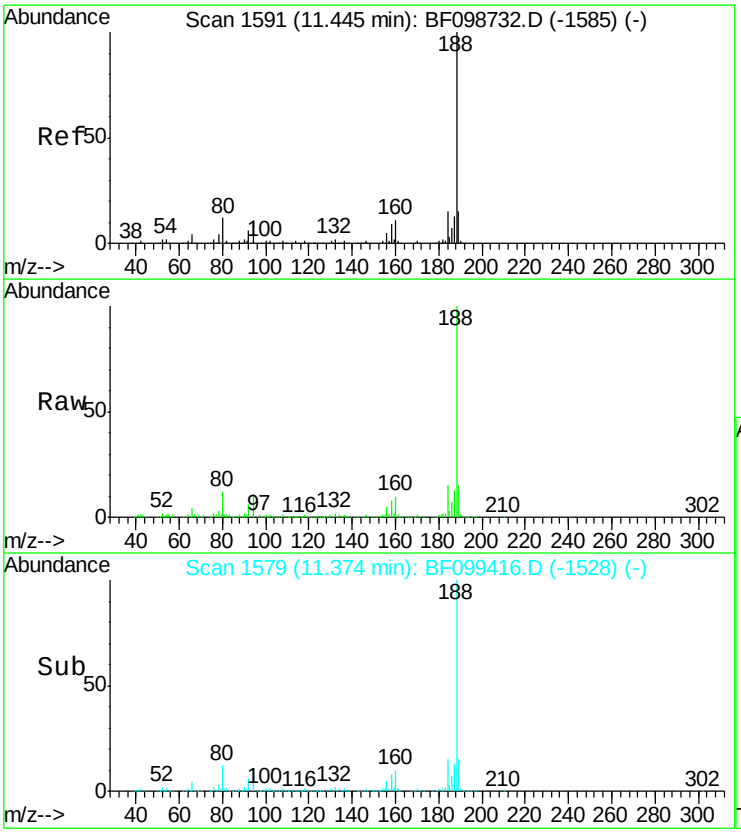
#62
Azobenzene
Concen: 3.49 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 39956

Ion	Ratio	Lower	Upper
77	100		
182	89.6	1.7	41.7#
105	167.0	3.0	43.0#
51	36.1	9.9	49.9

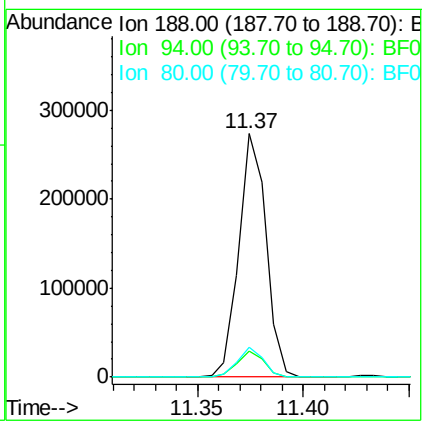


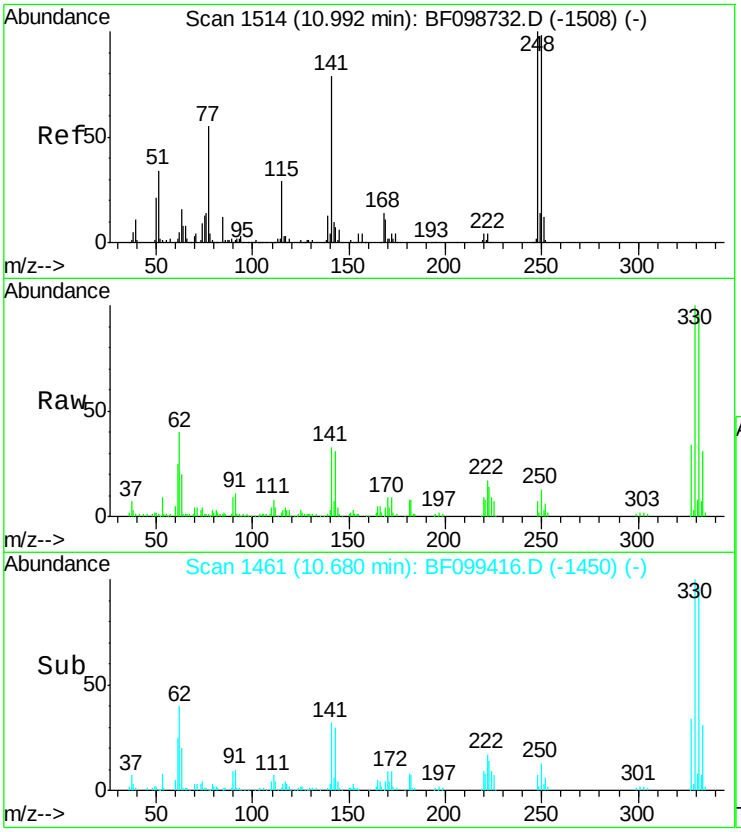


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:188 Resp: 244915

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.0	9.2	13.8



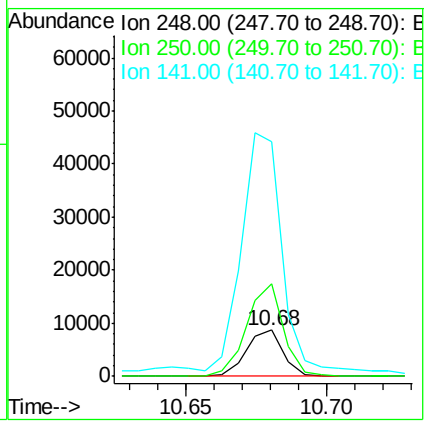


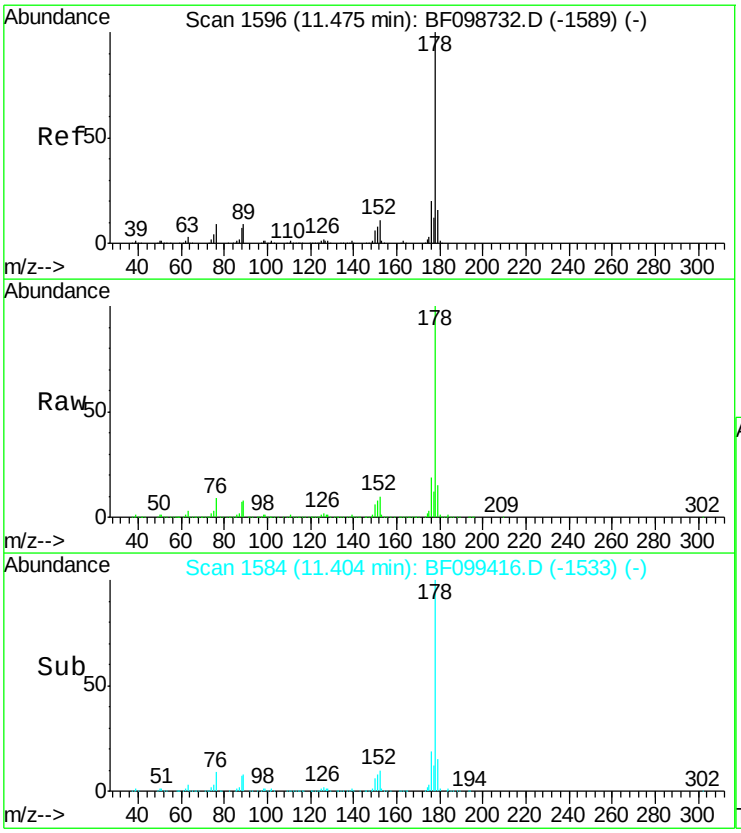
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7915

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	505.7	74.4	111.6#

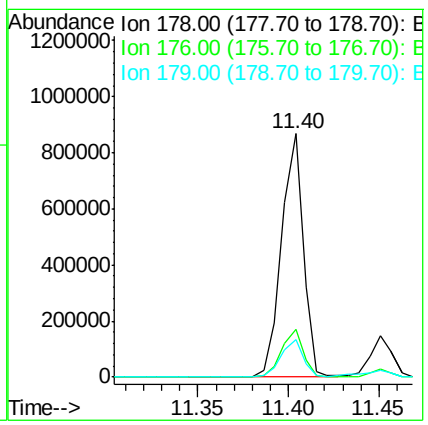


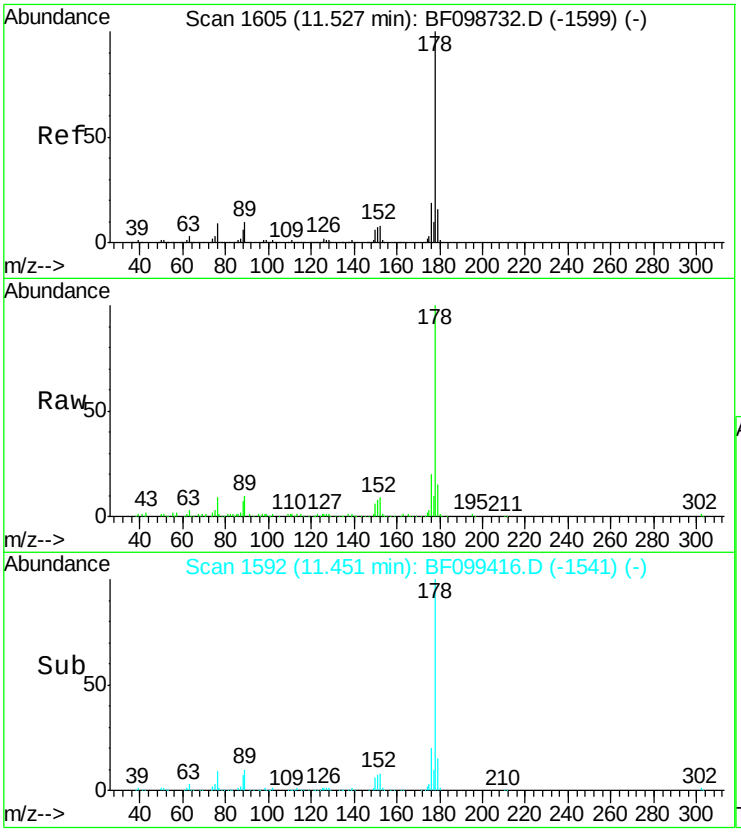


#70
Phenanthrene
Concen: 55.62 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:178 Resp: 729144

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6



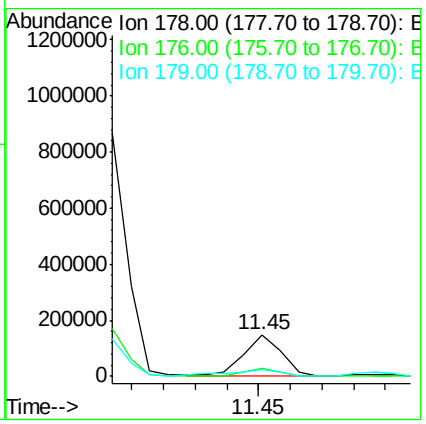


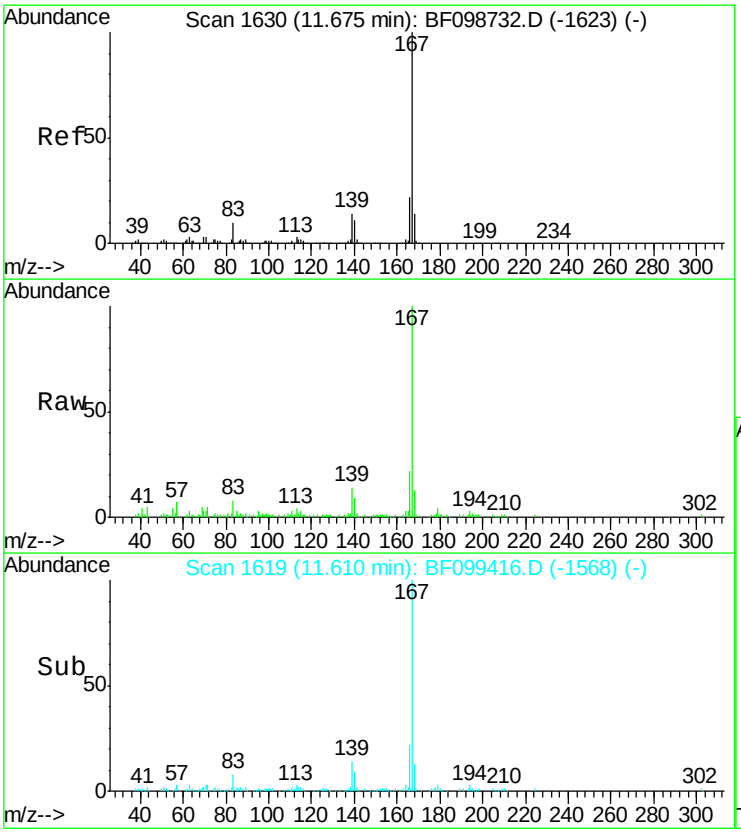
#71
Anthracene
Concen: 9.06 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121486

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.6	19.0

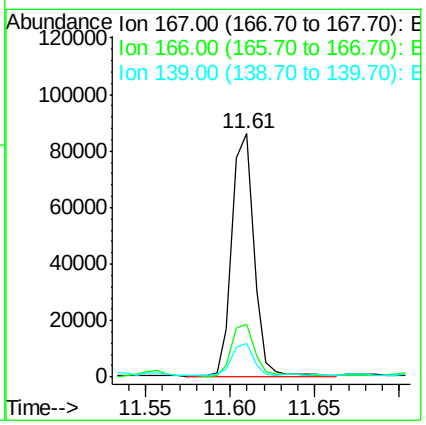


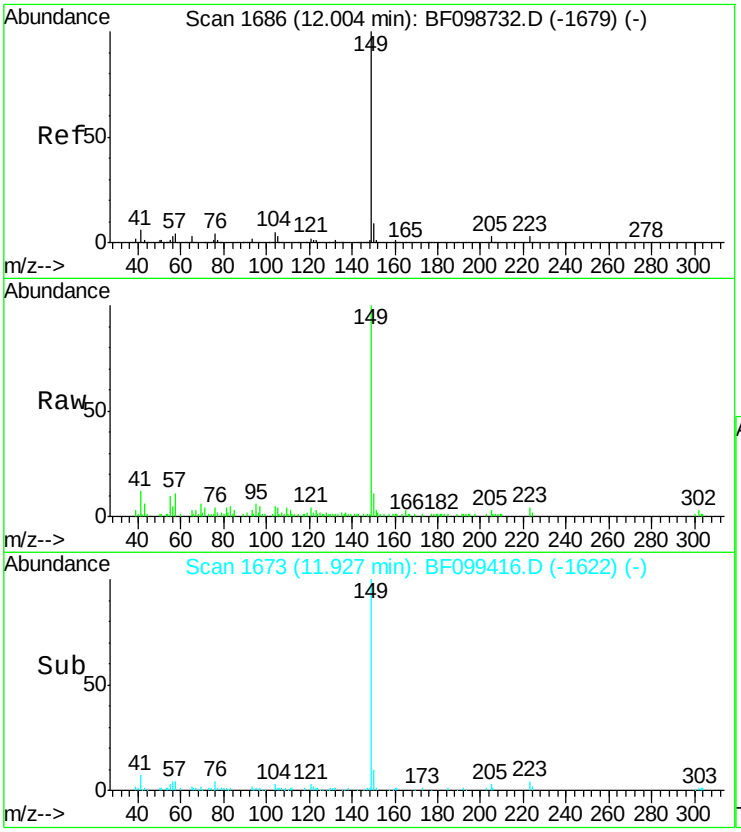


#72
Carbazole
Concen: 5.93 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:167 Resp: 77870

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.0	10.9	16.3



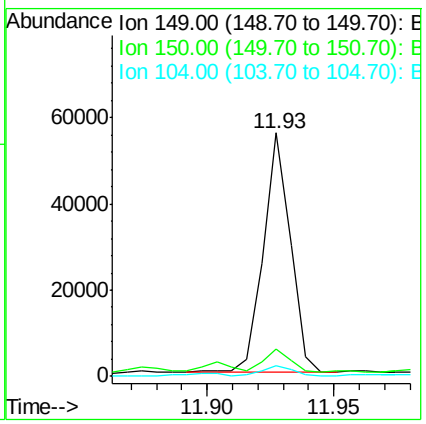


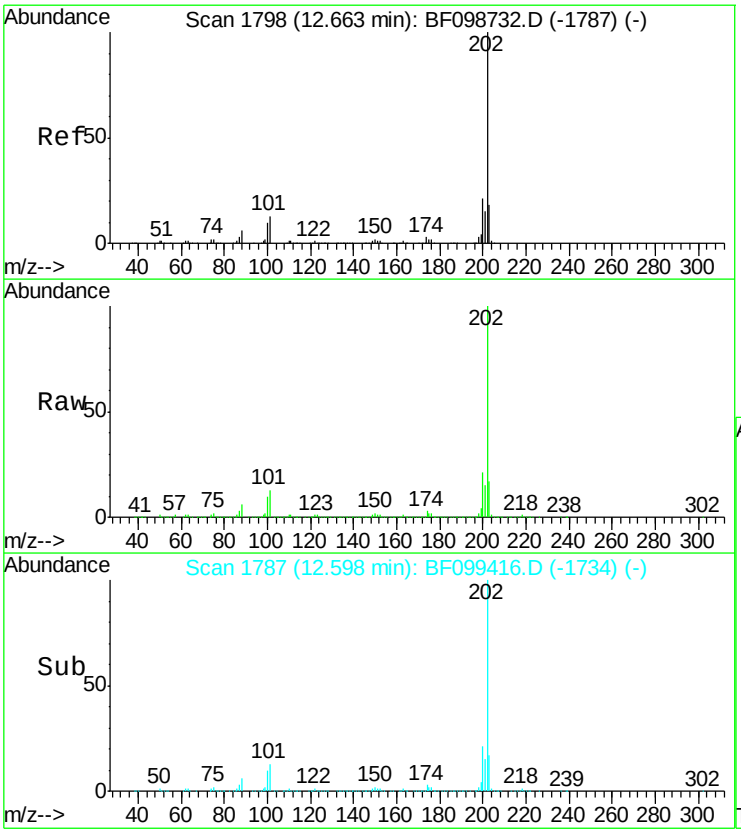
#73
Di-n-butylphthalate
Concen: 2.63 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 41543

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.8	11.6
104	4.6	3.8	5.8

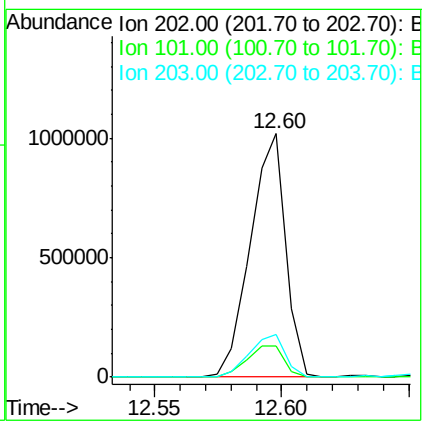


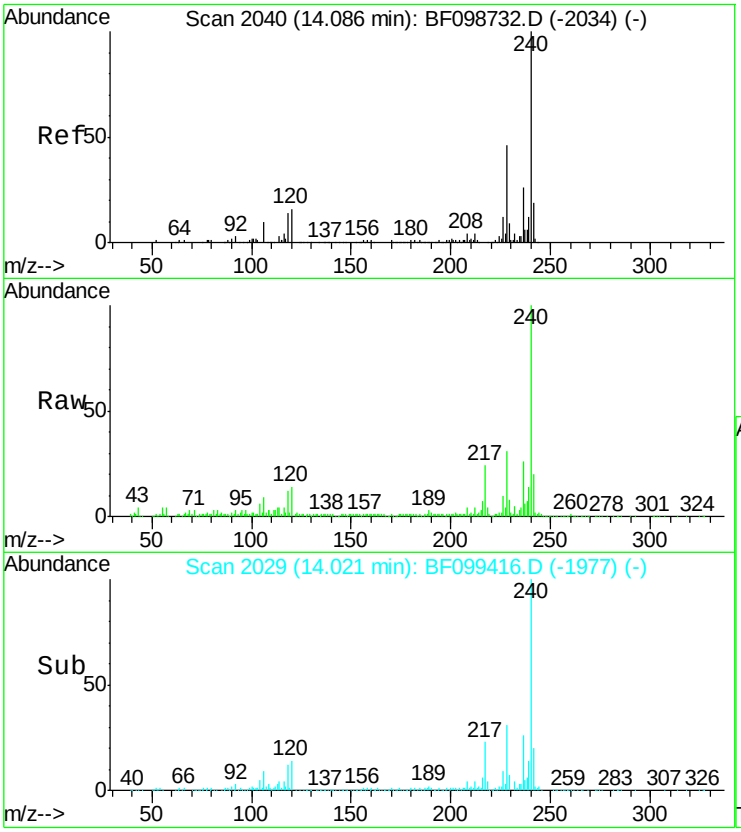


#74
Fluoranthene
Concen: 74.22 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:202 Resp: 985225

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.4	0.0	38.1



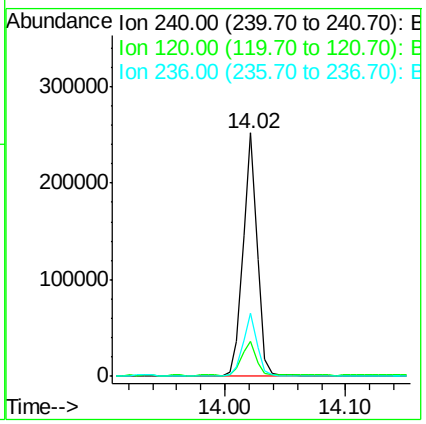


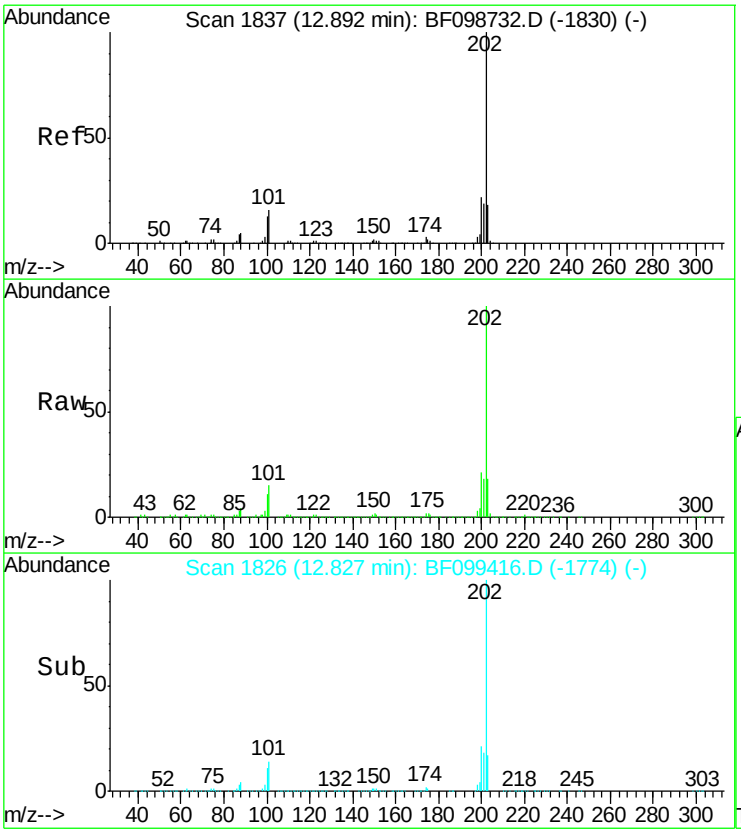
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209077

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.9	20.7	31.1

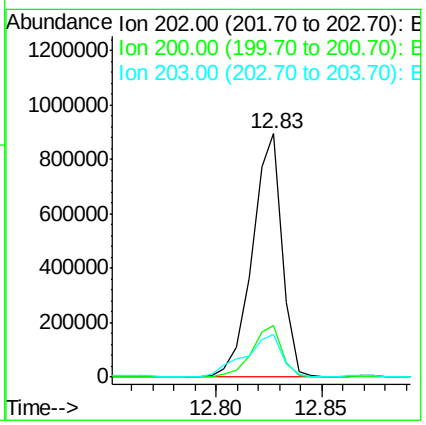


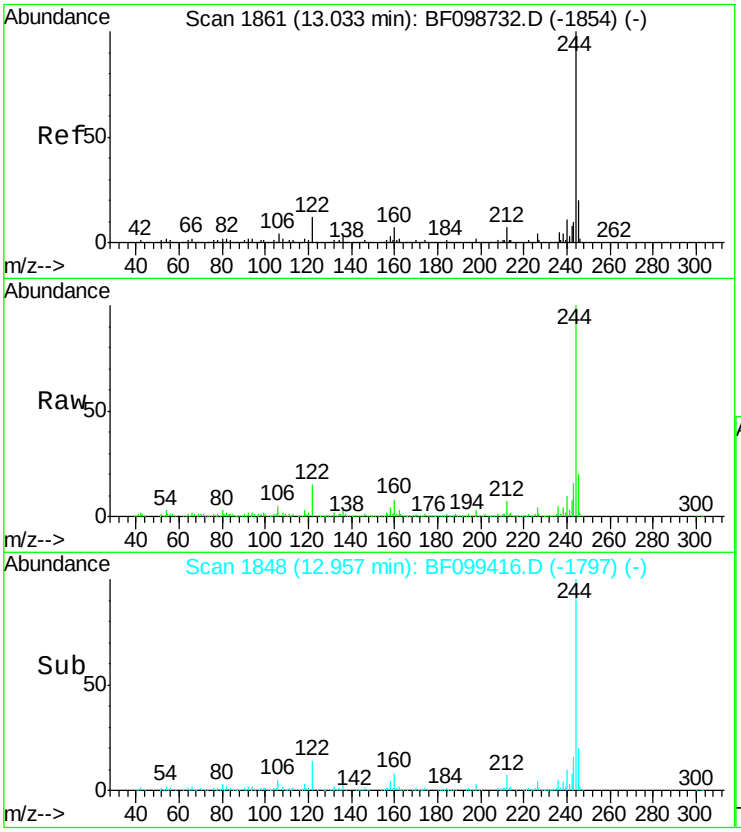


#77
Pyrene
Concen: 54.69 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:202 Resp: 871864

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5



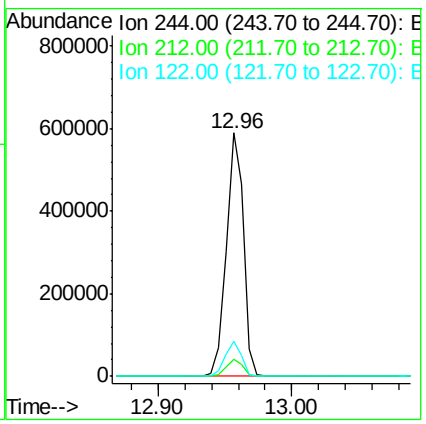


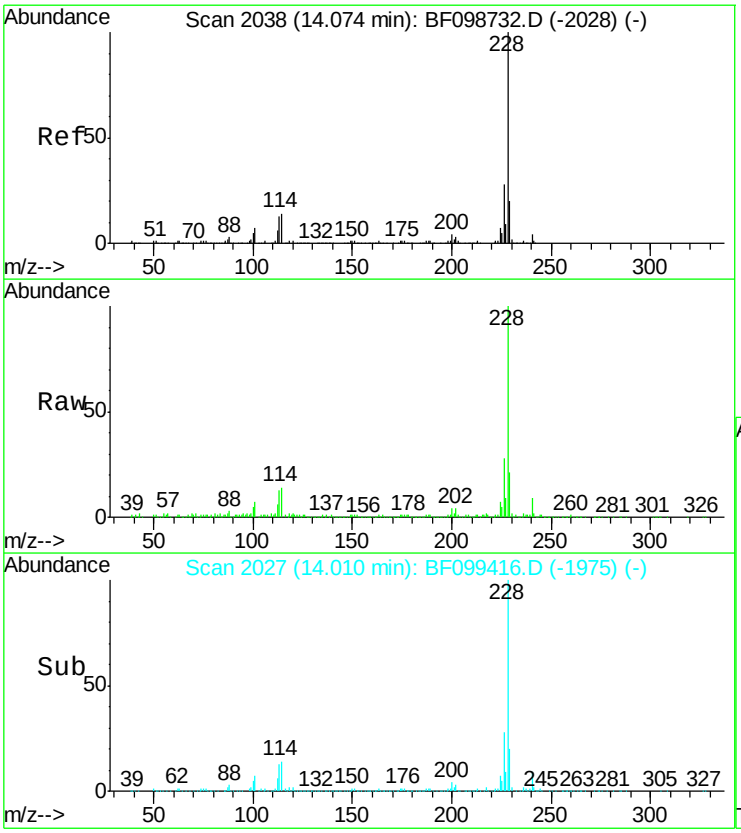
#78
Terphenyl-d14
Concen: 57.96 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 532885

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.5	11.0	16.4

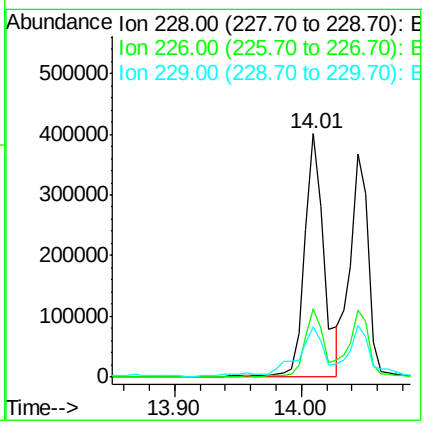


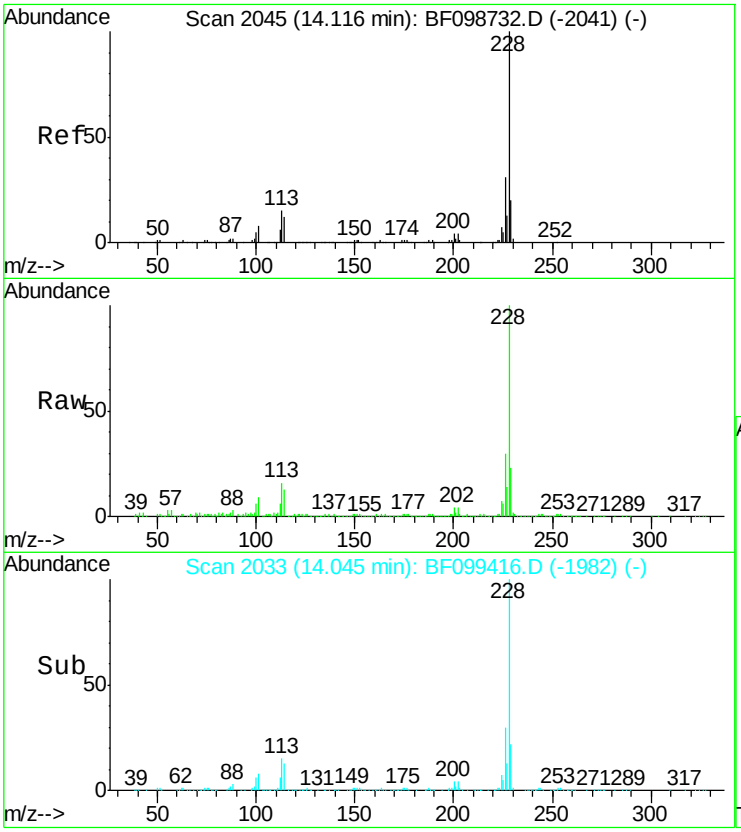


#80
Benzo(a)anthracene
Concen: 33.32 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:228 Resp: 421896

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.8	15.8	23.6



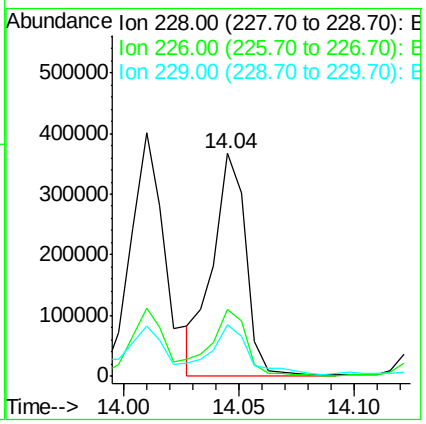


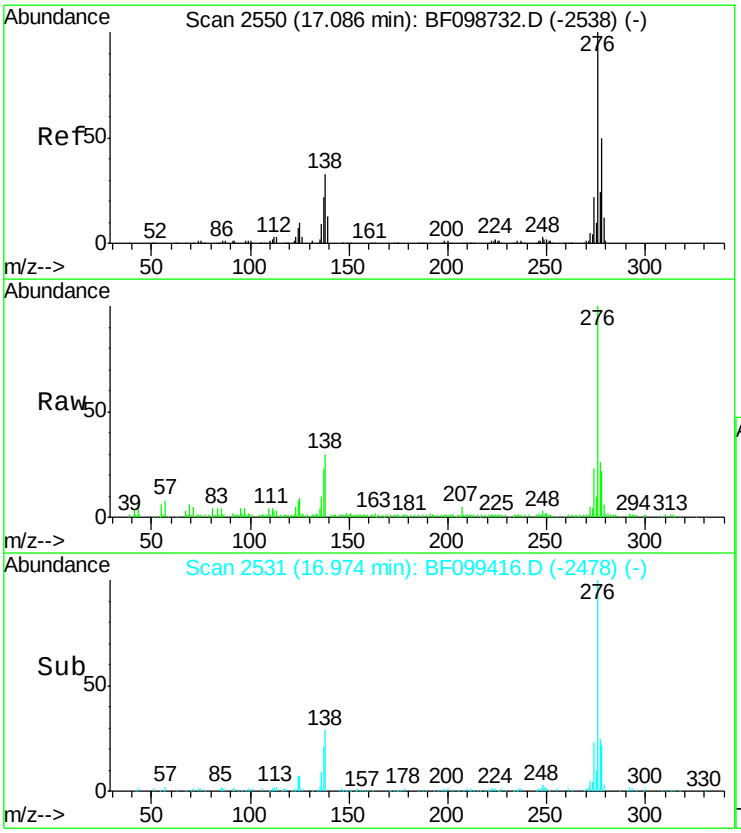
#82
Chrysene
Concen: 30.30 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 365206

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.9	16.2	24.4

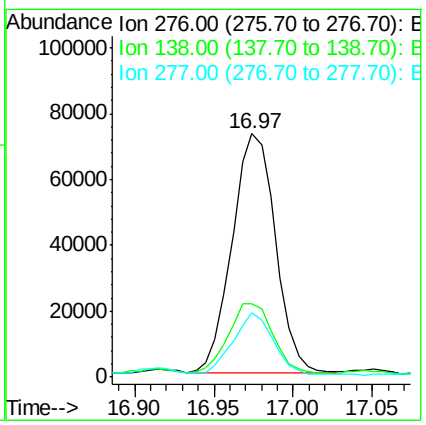


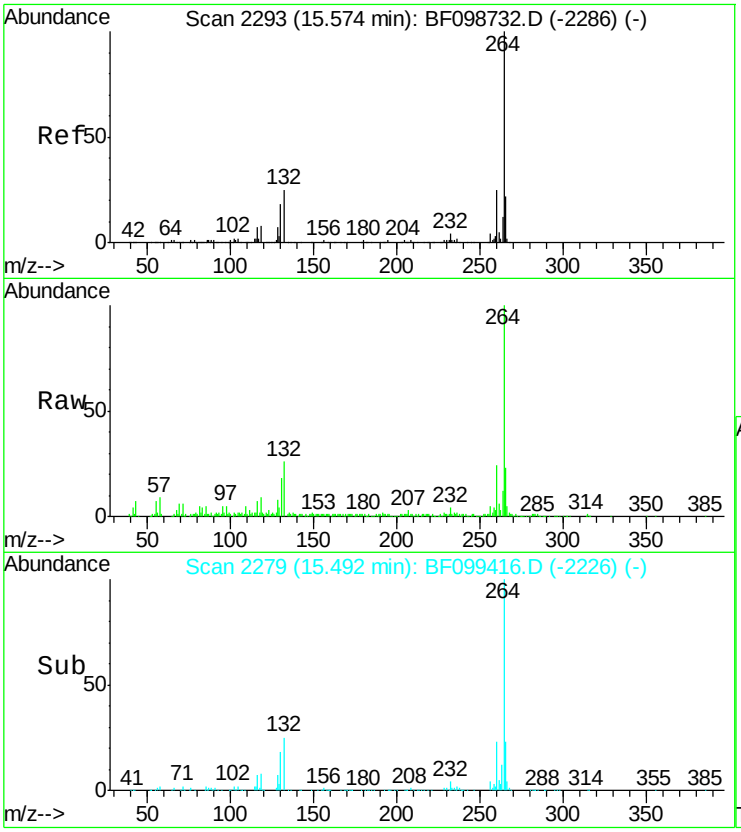


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.28 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:276 Resp: 137661

Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	24.2	20.1	30.1



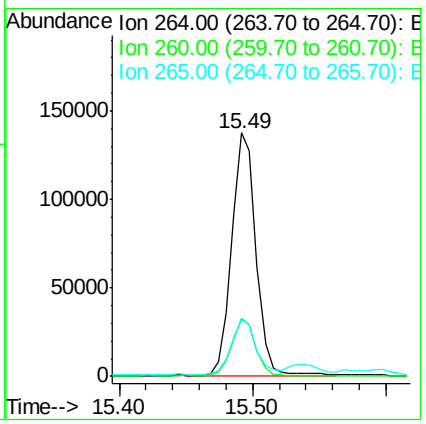


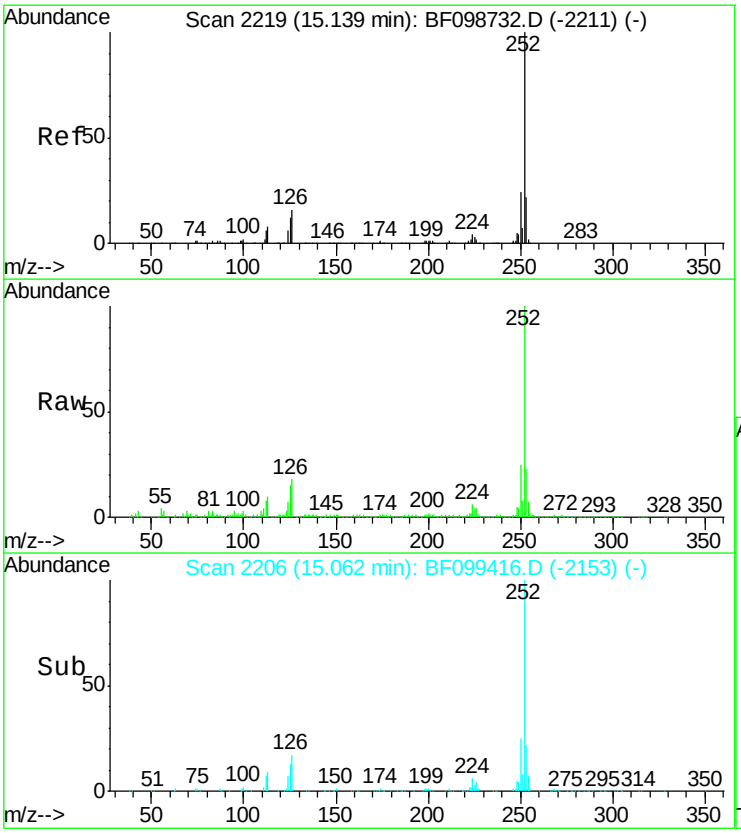
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 174200

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.5	17.5	26.3

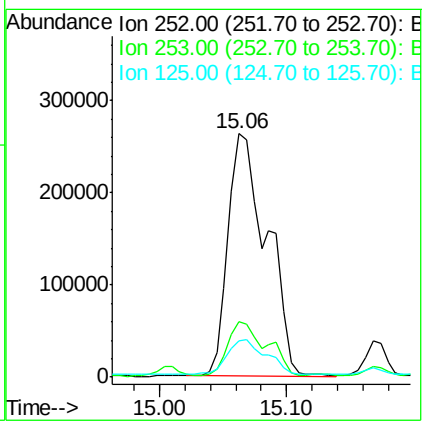


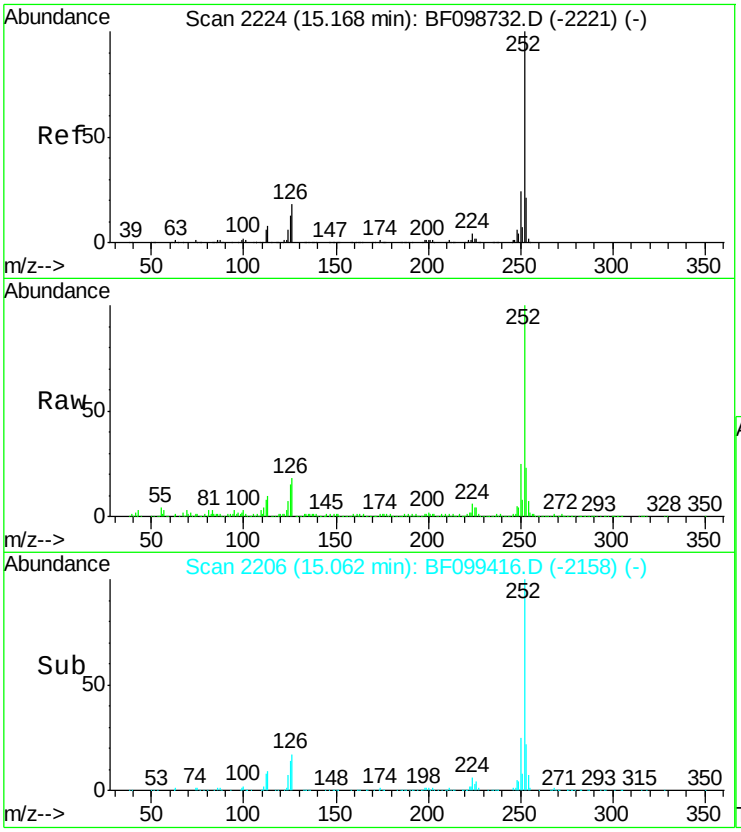


#87
Benzo(b)fluoranthene
Concen: 52.15 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:252 Resp: 558546

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.9	9.0	13.6#



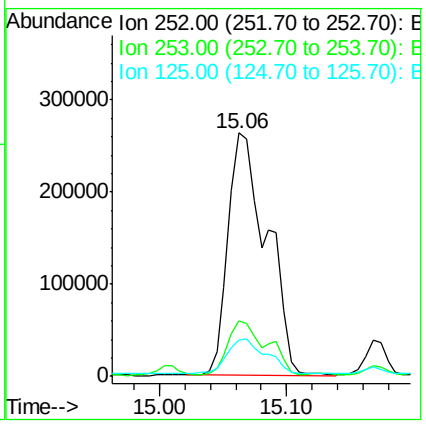


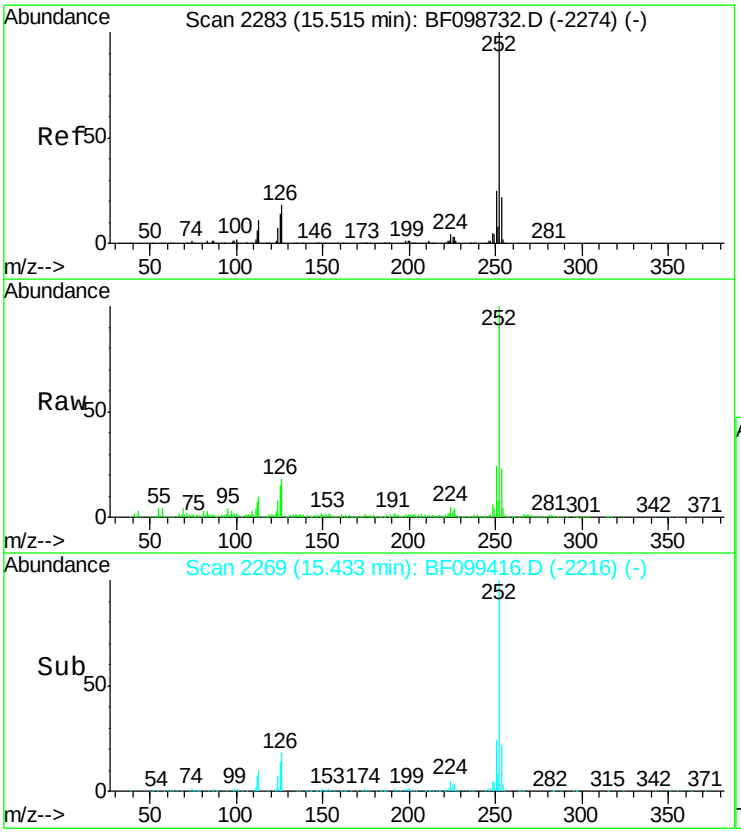
#88
Benzo(k)fluoranthene
Concen: 52.80 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 558546

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.9	10.2	15.2

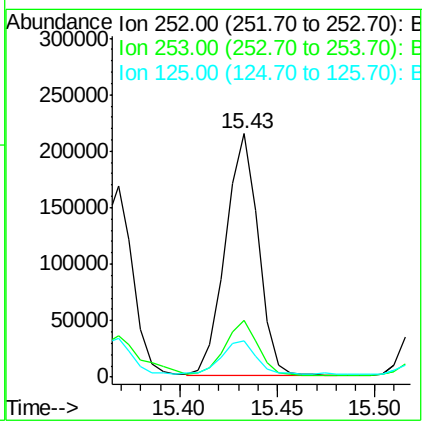


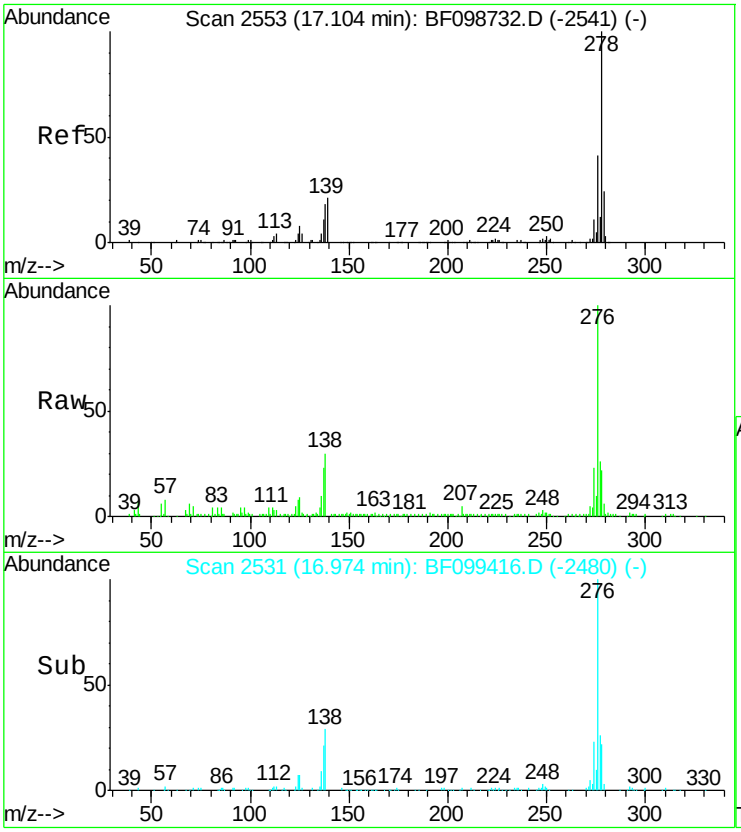


#89
Benzo(a)pyrene
Concen: 25.70 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:252 Resp: 252716

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.0	9.8	14.6#



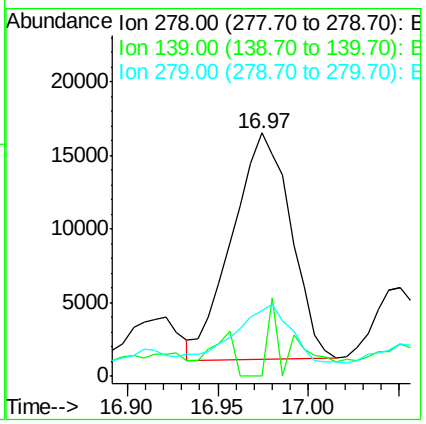


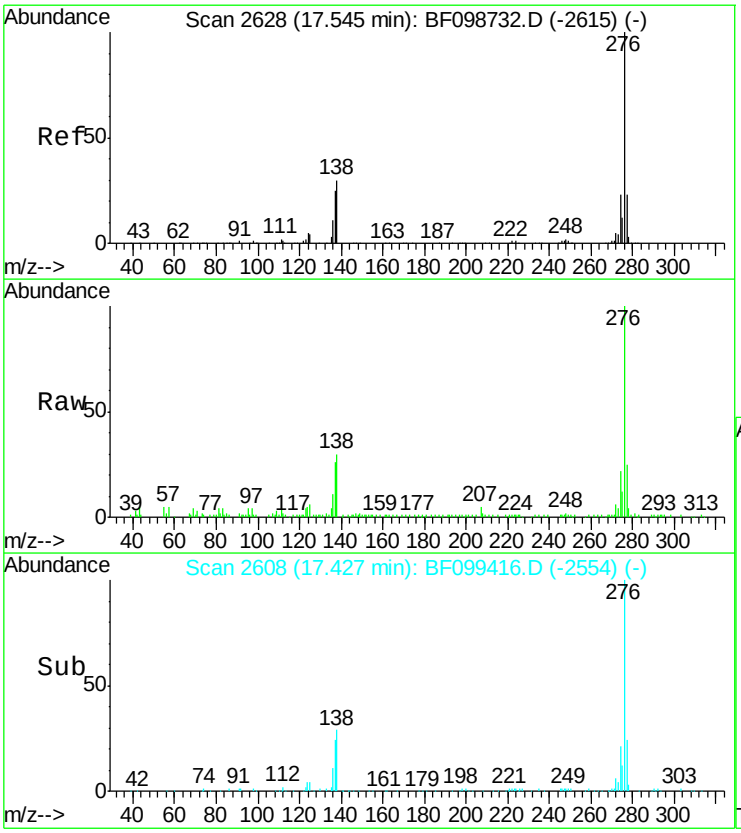
#90
Dibenzo(a,h)anthracene
Concen: 4.39 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 34532

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	26.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 17.10 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:276 Resp: 133010

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	30.0	21.8	32.8