Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104444.D
Acq On : 11 Apr 2018 17:55
Operator : JU/SJ
Sample : J2161-01RE 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 18:39:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128658	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	489287	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	190343	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	295587	20.00	ng		0.00
75) Chrysene-d12	13.99	240	256981	20.00	ng		0.00
86) Perylene-d12	15.45	264	195216	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	259754	30.87	ng		0.00
7) Phenol-d6	6.43	99	337750	32.67	ng		-0.01
23) Nitrobenzene-d5	7.37	82	186324	24.87	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	64909	32.87	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	375347	31.15	ng		0.00
78) Terphenyl-d14	12.92	244	308581	27.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	5840	Below Cal			85
19) n-Nitroso-di-n-propylamine	7.36	70	24127	3.571	ng	#	73
25) Isophorone	7.37	82	184121	11.620	ng	#	64
31) Naphthalene	8.11	128	116963	4.801	ng		99
37) 2-Methylnaphthalene	8.80	142	42978	2.727	ng		99
50) 2,6-Dinitrotoluene	9.85	165	26621	9.585	ng	#	25
51) Acenaphthene	9.88	154	49869	4.125	ng		97
54) Dibenzofuran	10.05	168	68589	4.071	ng		97
55) 4-Nitrophenol	10.05	139	24939	9.764	ng	#	11
57) Fluorene	10.39	166	92060	7.506	ng		98
70) Phenanthrene	11.36	178	414478	25.179	ng		98
71) Anthracene	11.41	178	134713	8.051	ng		98
72) Carbazole	11.56	167	46478	2.843	ng		97
74) Fluoranthene	12.55	202	539895	31.392	ng		98
76) Benzidine	12.77	184	141	Below Cal		#	5
77) Pyrene	12.78	202	491210	25.788	ng		99
80) Benzo(a)anthracene	13.97	228	245800	16.011	ng		94
82) Chrysene	14.01	228	219330	13.909	ng		97
87) Benzo(b)fluoranthene	15.03	252	293167	23.778	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	293167	25.186	ng		99
89) Benzo(a)pyrene	15.39	252	156330	14.171	ng		96
90) Dibenzo(a,h)anthracene	16.90	278	20983	2.316	ng	#	68
91) Benzo(g,h,i)perylene	17.33	276	76987	8.770	ng		96

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

Quantitation Report (Not Reviewed)

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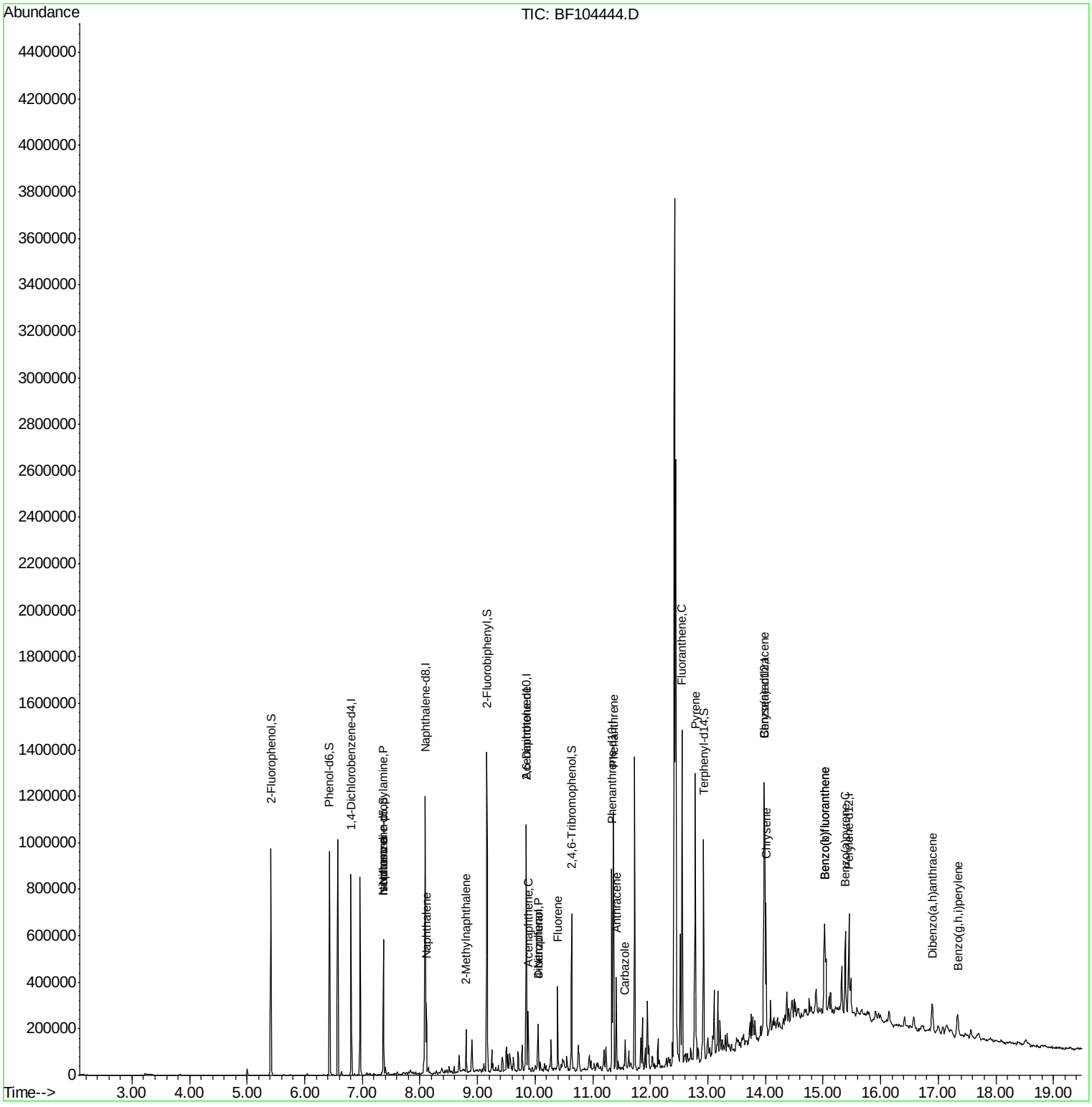
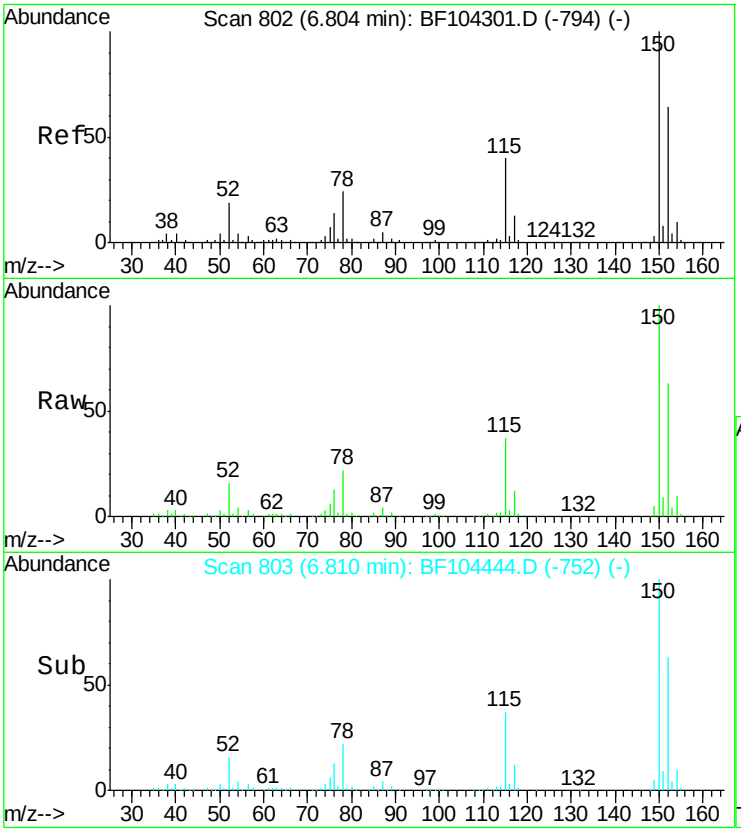
Acq On : 11 Apr 2018 17:55
Operator : JU/SJ
Sample : J2161-01RE 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 18:39:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration



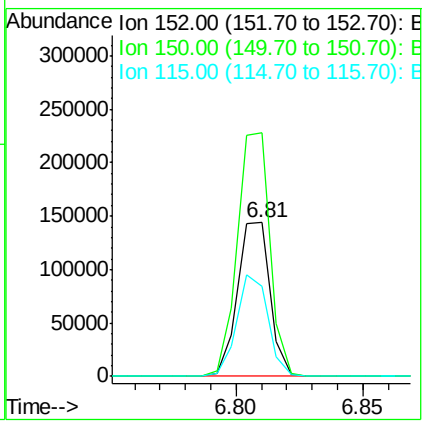


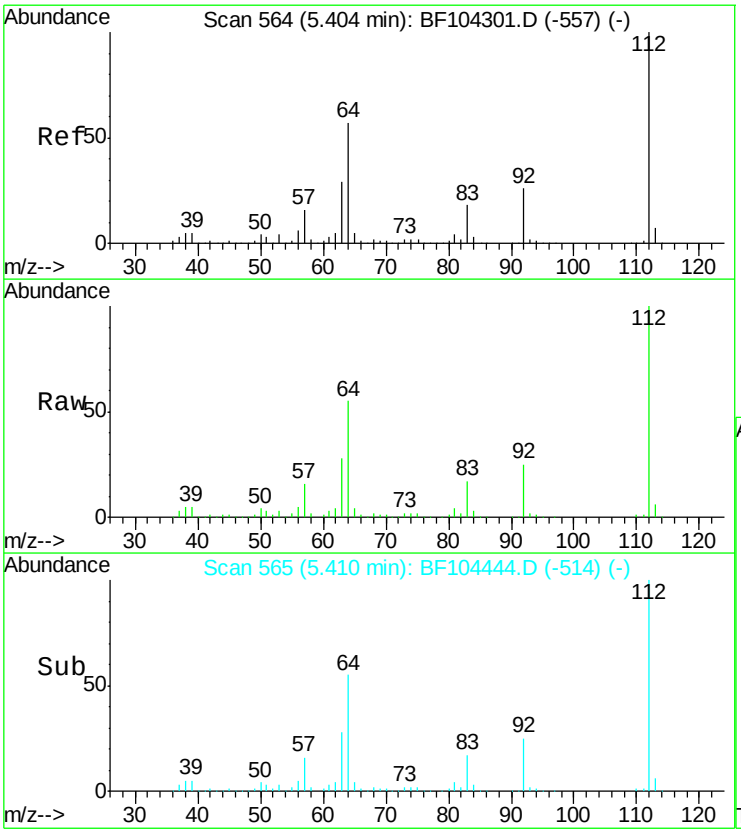
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128658

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	58.9	50.1	75.1

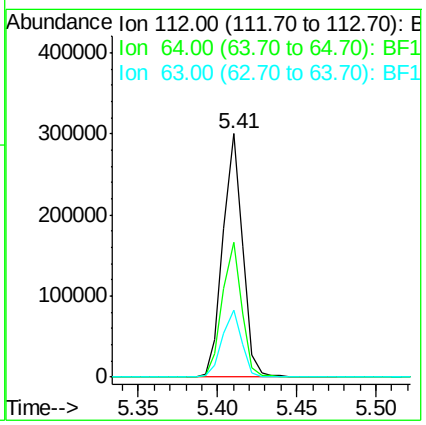


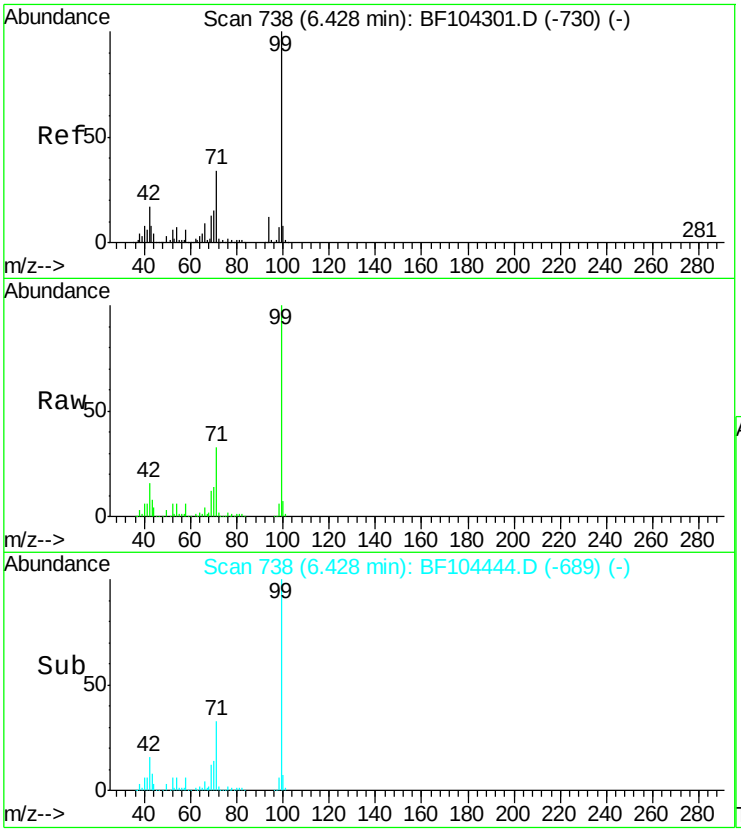


#5
2-Fluorophenol
Concen: 30.871 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:112 Resp: 259754

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.7	23.7	35.5



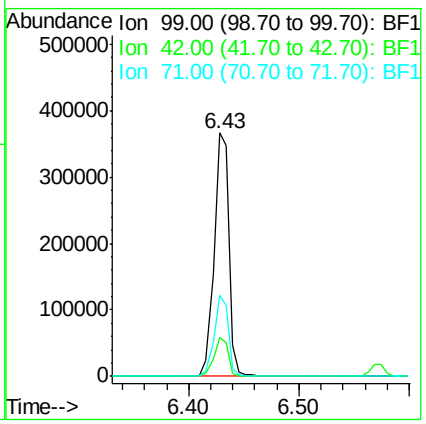


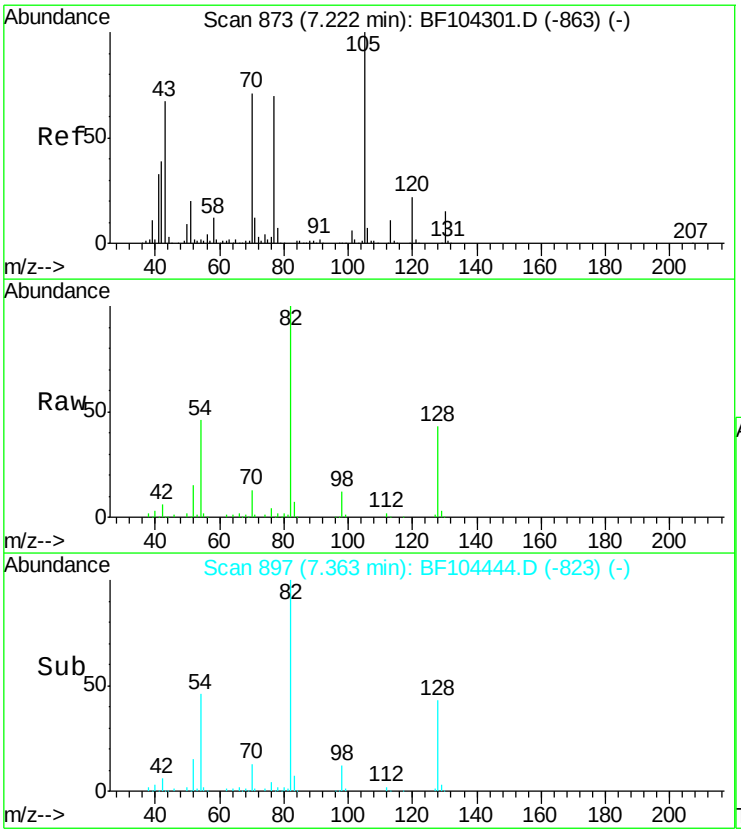
#7
Phenol-d6
Concen: 32.670 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 337750

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	33.2	25.4	38.0

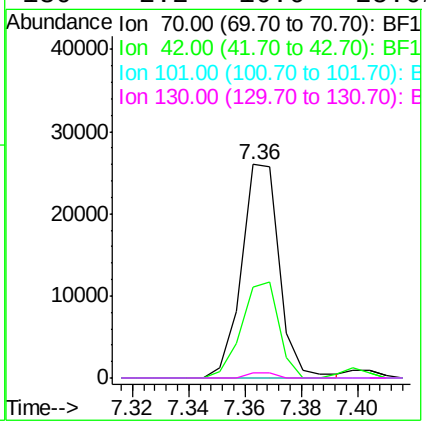


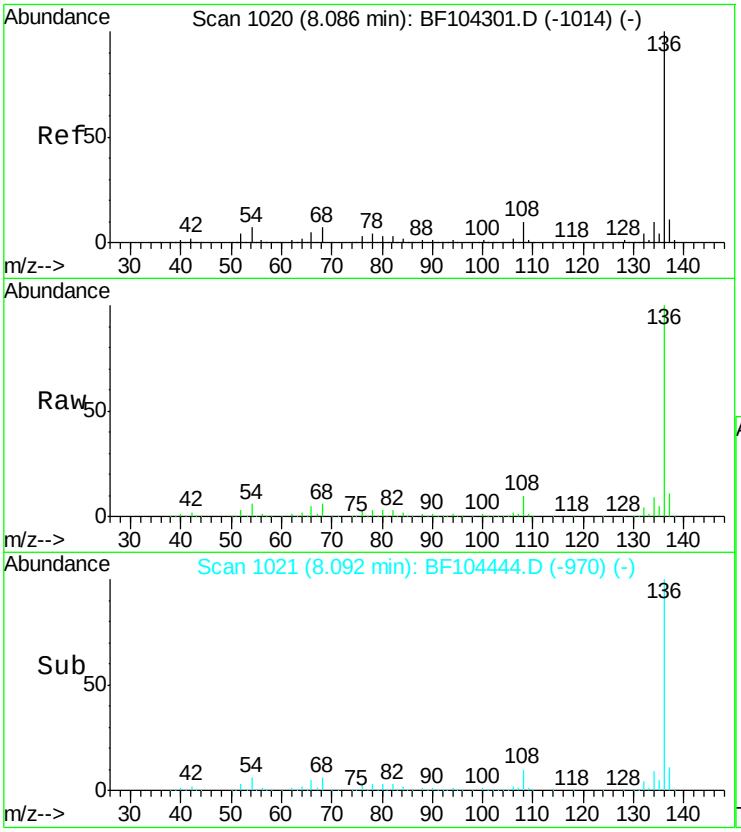


#19
n-Nitroso-di-n-propylamine
Concen: 3.571 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion: 70 Resp: 24127

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



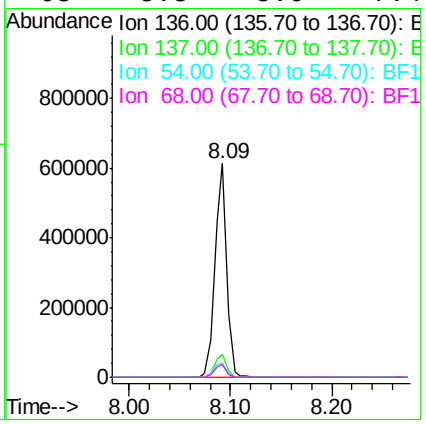


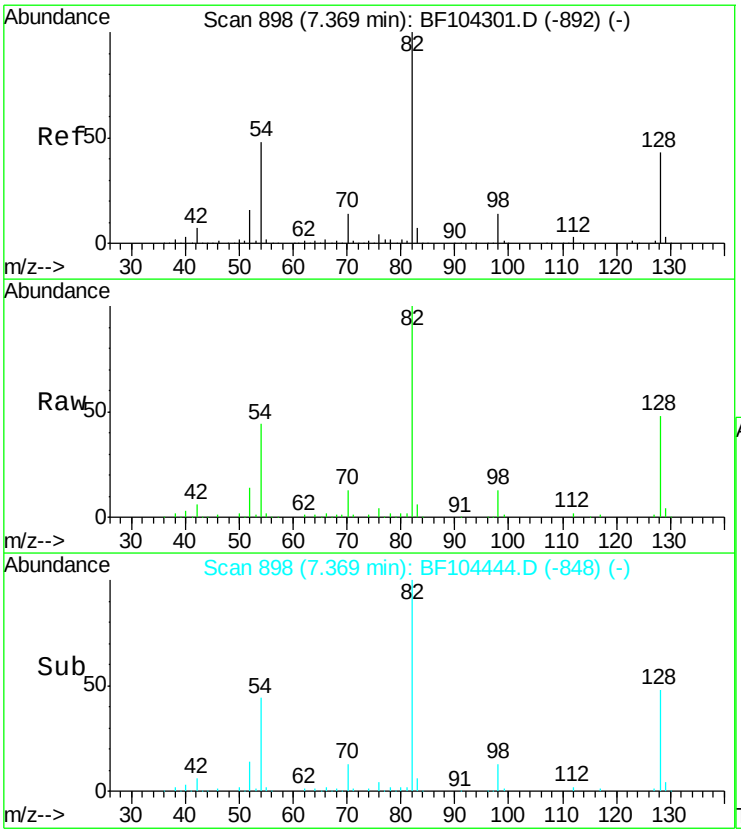
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 489287

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	6.6	9.8#
68	5.8	5.0	7.4

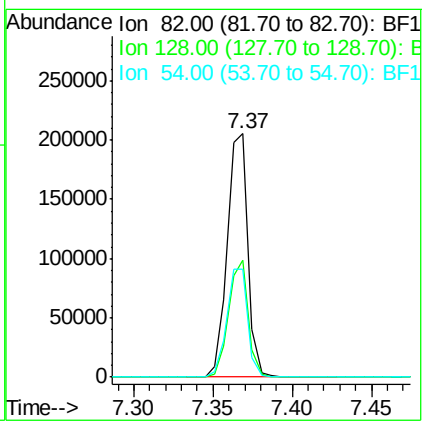


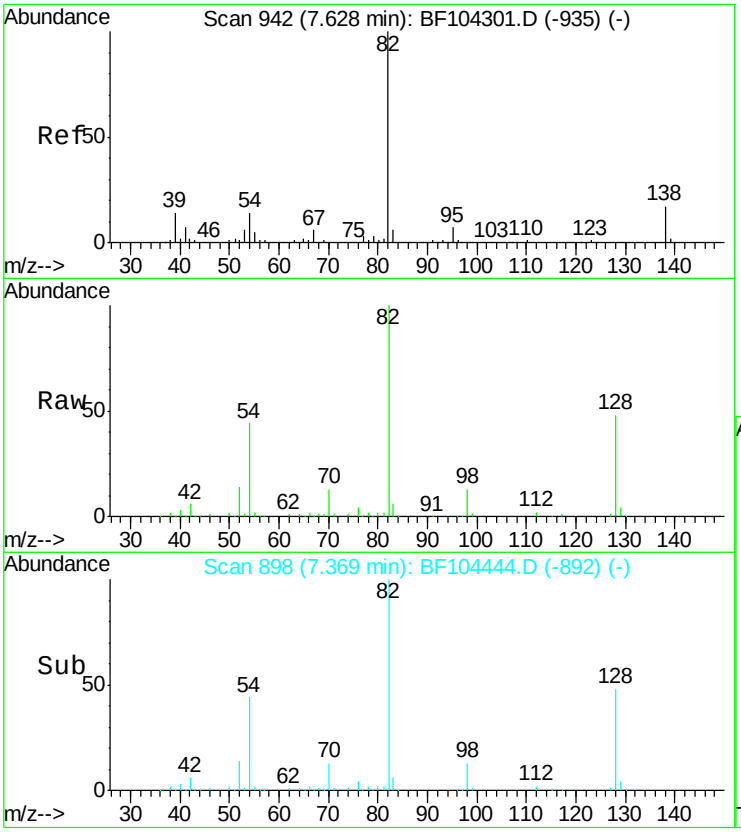


#23
Nitrobenzene-d5
Concen: 24.866 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion: 82 Resp: 186324

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.2	41.4	62.2



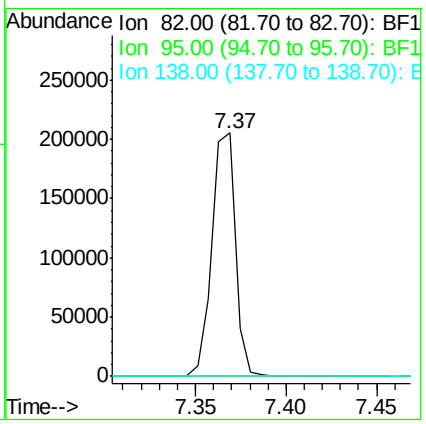


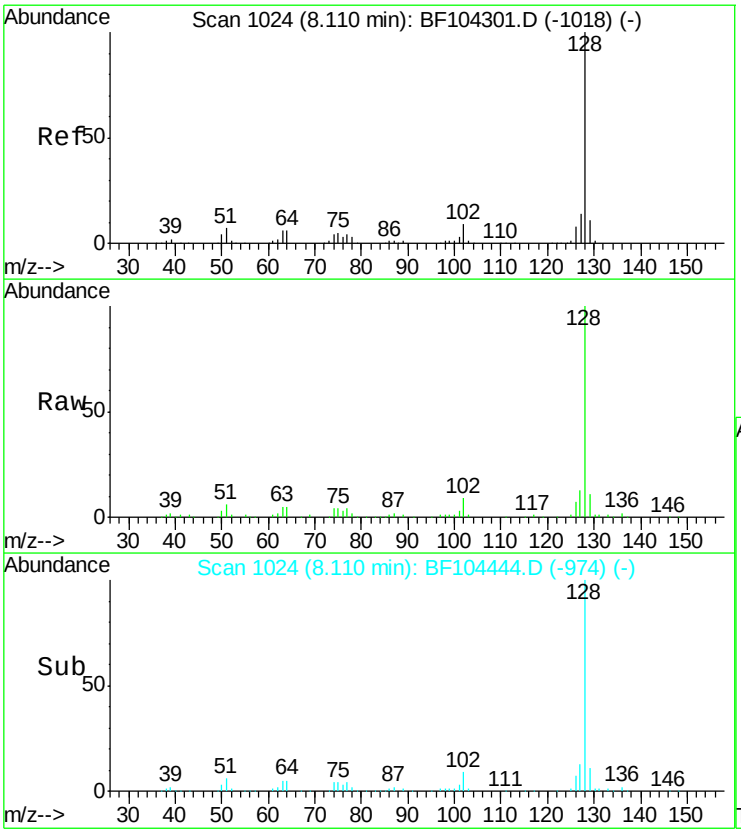
#25
Isophorone
Concen: 11.620 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 184121

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

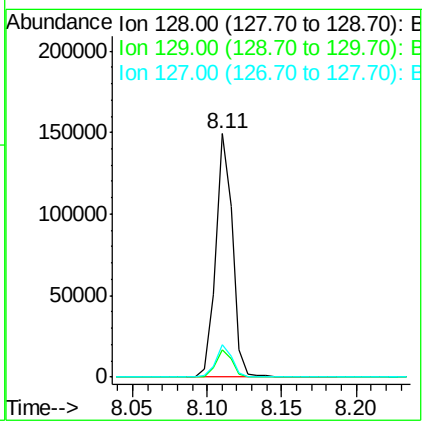


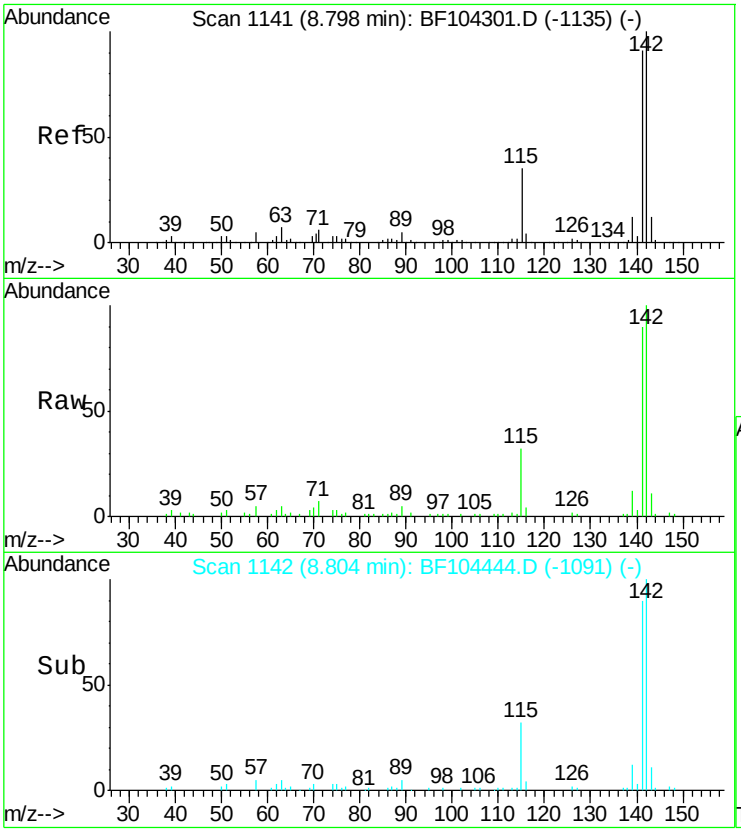


#31
Naphthalene
Concen: 4.801 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:128 Resp: 116963

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3



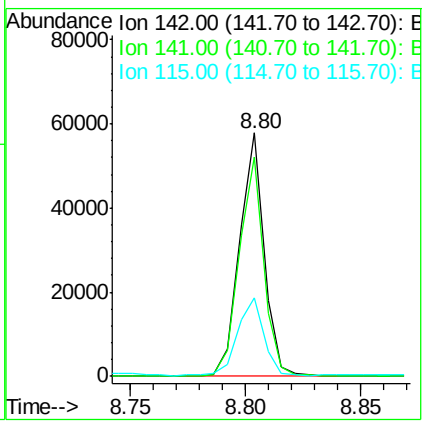


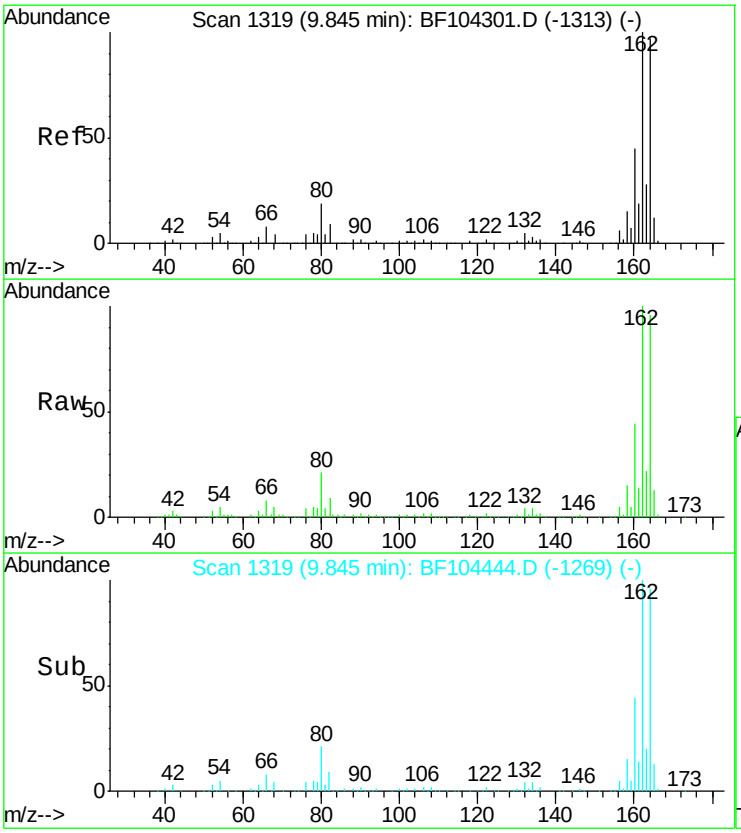
#37
2-Methylnaphthalene
Concen: 2.727 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 42978

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	32.2	26.1	39.1

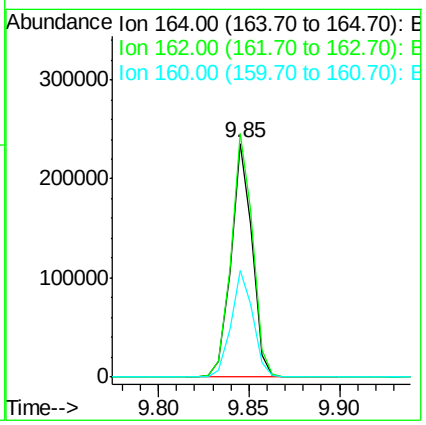


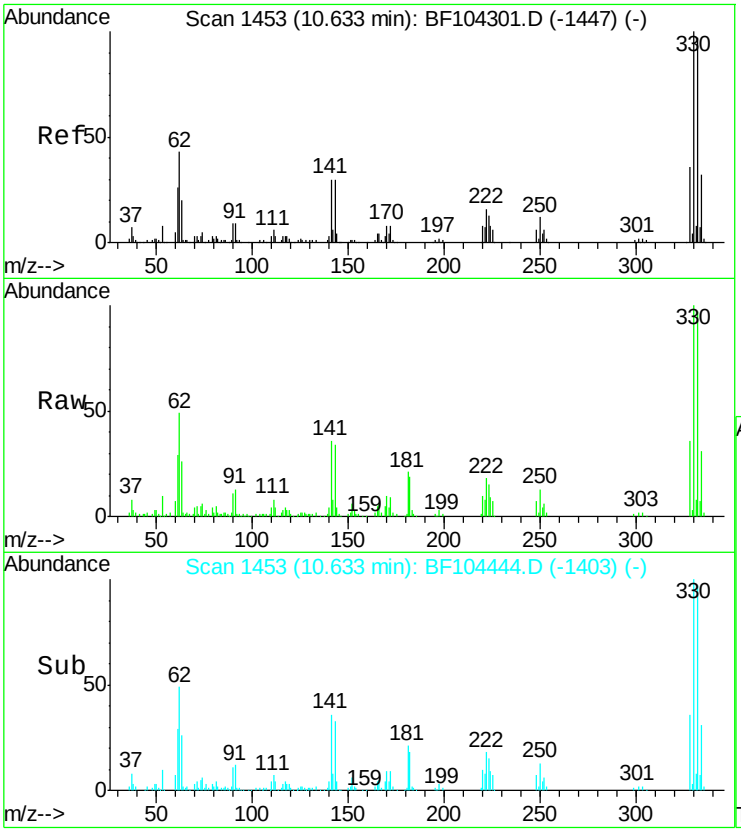


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:164 Resp: 190343

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.4	38.3	57.5



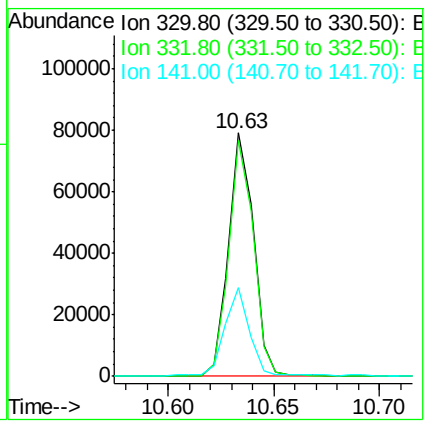


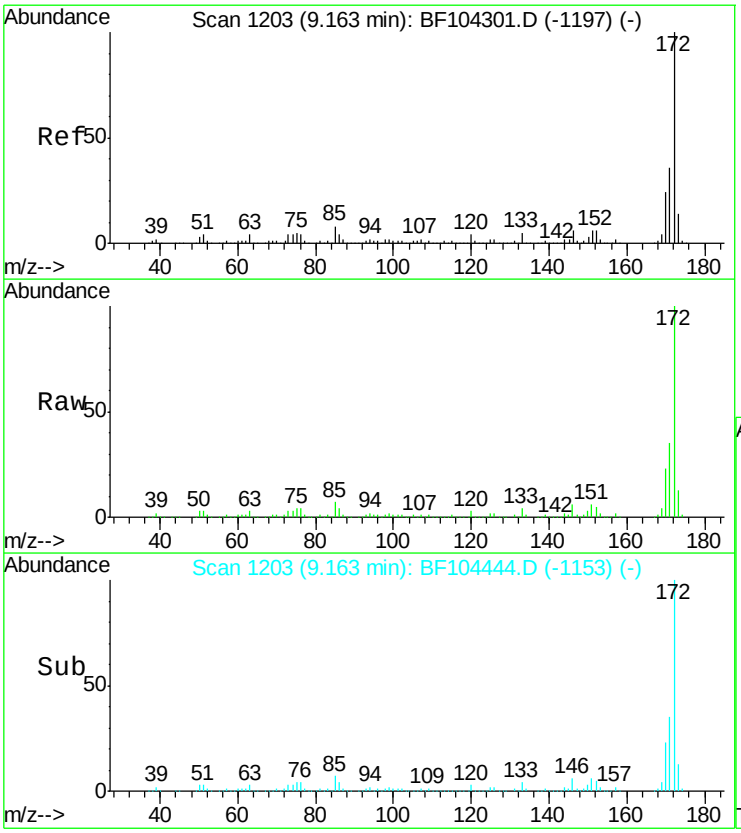
#41
2,4,6-Tribromophenol
Concen: 32.874 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 64909

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.8	29.9	44.9

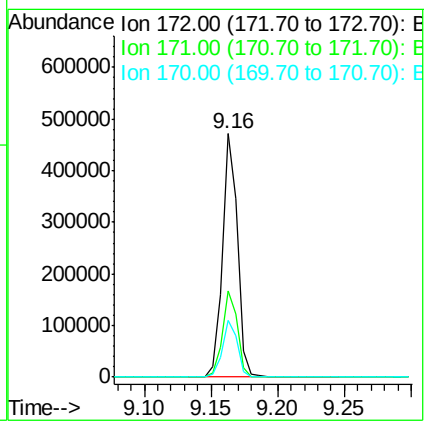


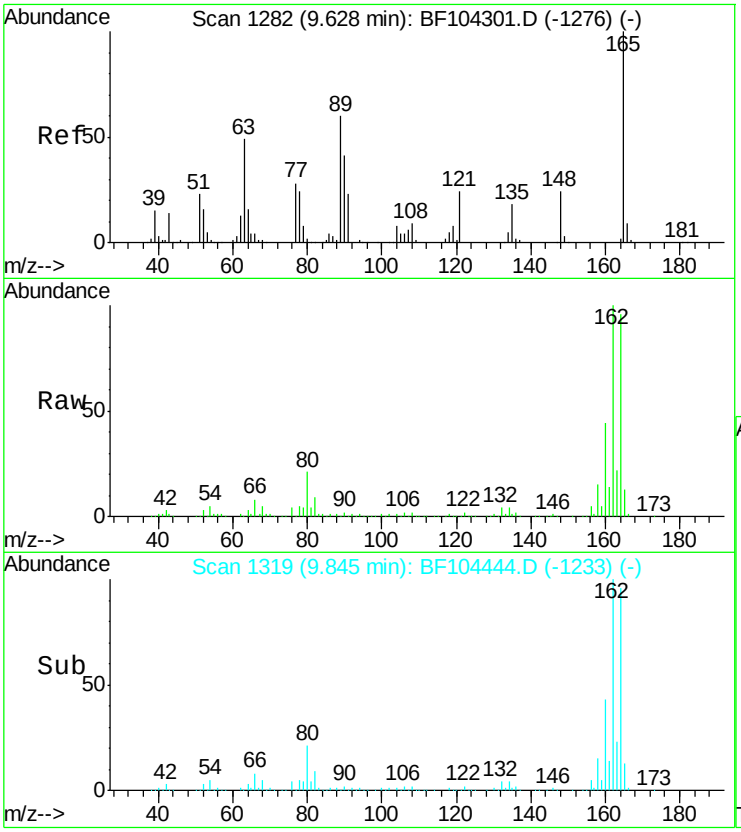


#44
2-Fluorobiphenyl
Concen: 31.152 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:172 Resp: 375347

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4



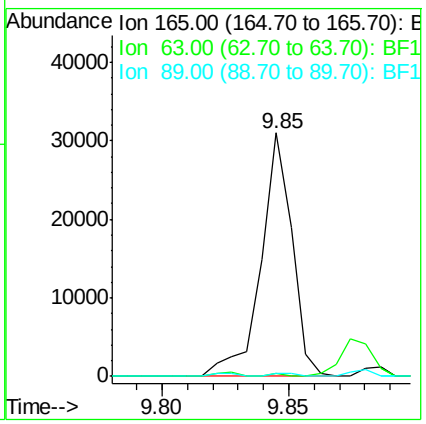


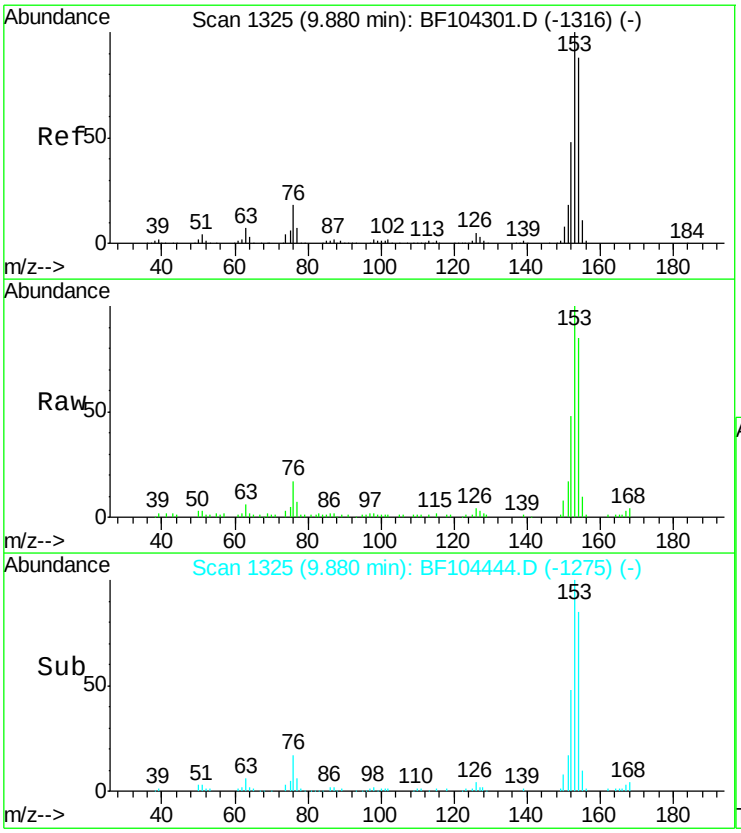
#50
2,6-Dinitrotoluene
Concen: 9.585 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26621

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#

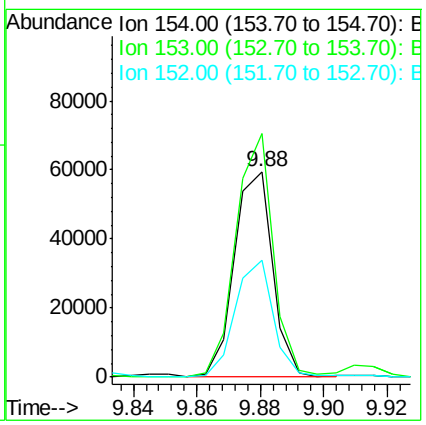


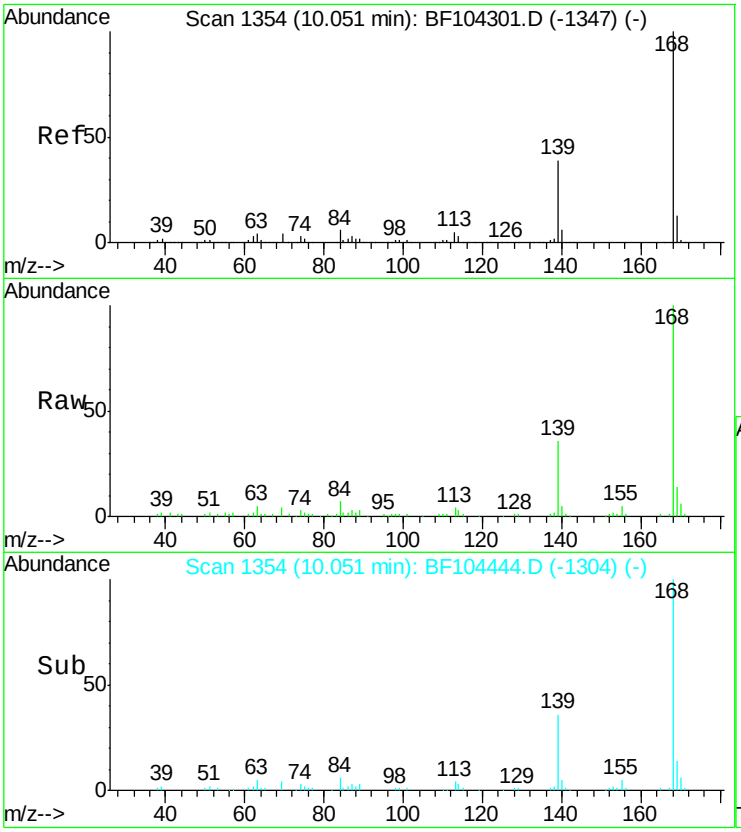


#51
Acenaphthene
Concen: 4.125 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:154 Resp: 49869

Ion	Ratio	Lower	Upper
154	100		
153	118.3	91.2	136.8
152	56.6	43.8	65.8



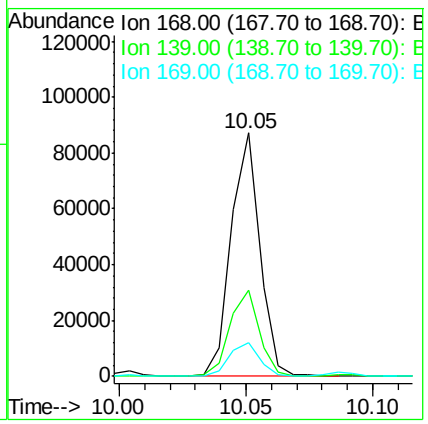


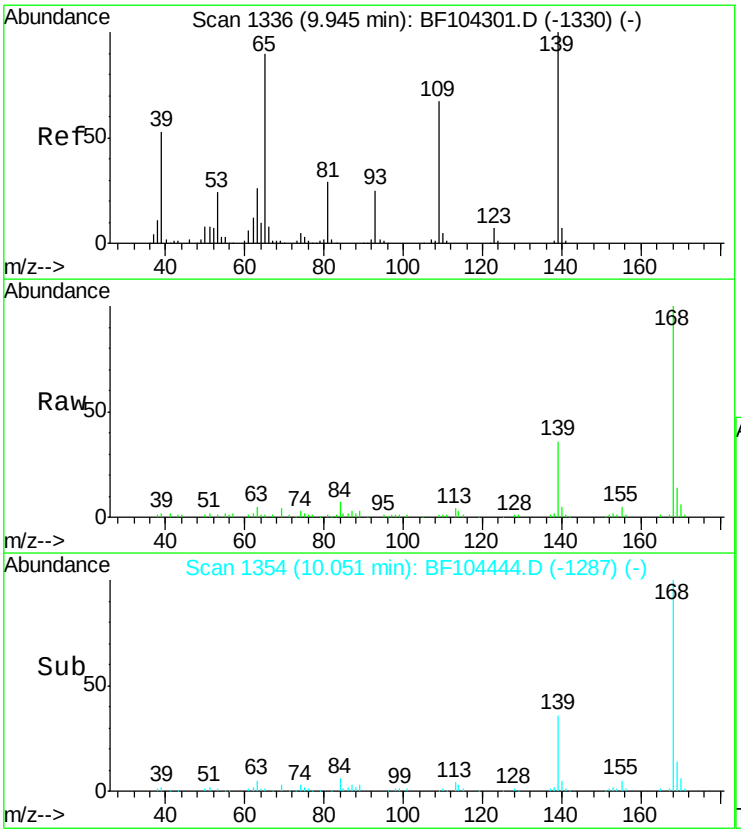
#54
Dibenzofuran
Concen: 4.071 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 68589

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.1	45.1
169	13.9	10.9	16.3

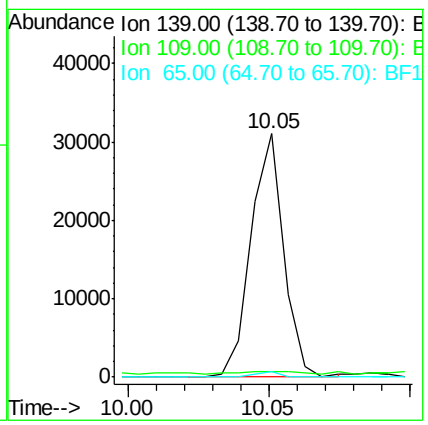


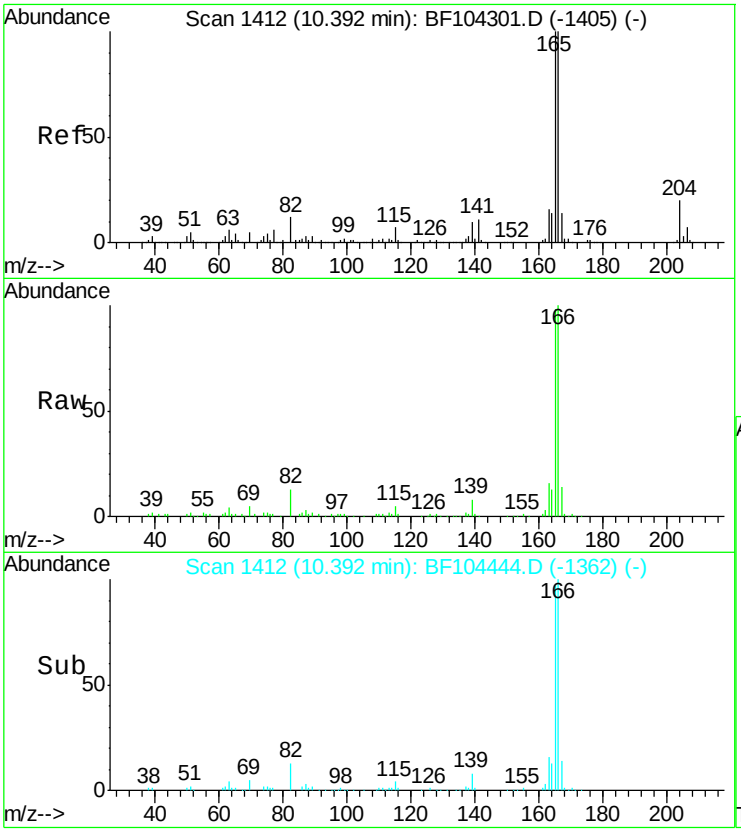


#55
4-Nitrophenol
Concen: 9.764 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:139 Resp: 24939

Ion	Ratio	Lower	Upper
139	100		
109	2.2	48.4	88.4#
65	2.1	72.6	112.6#



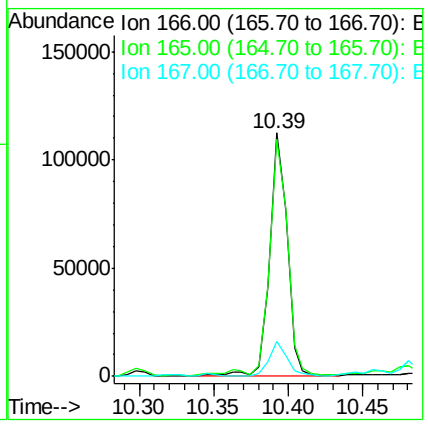


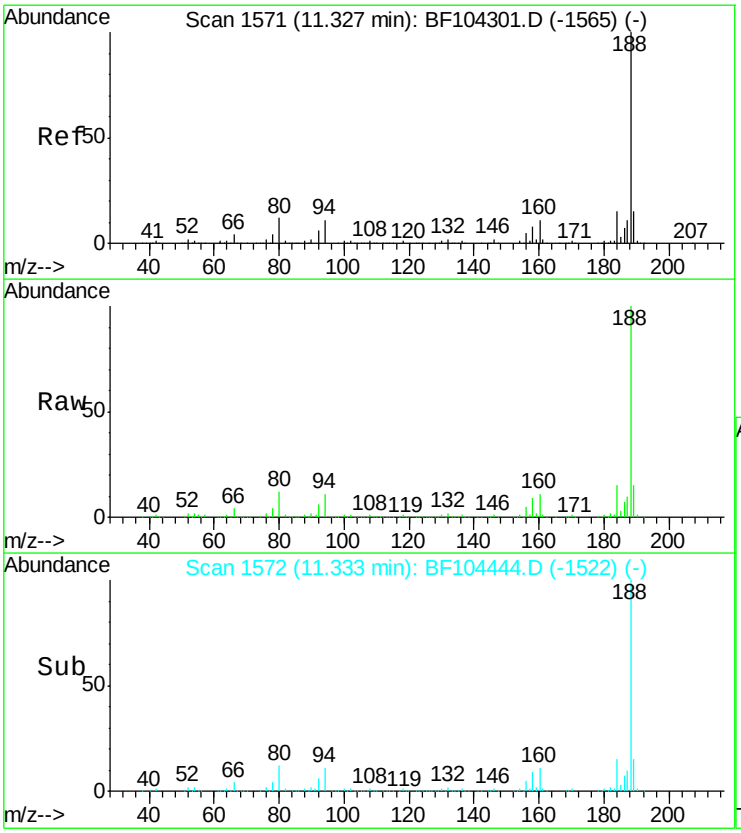
#57
Fluorene
Concen: 7.506 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 92060

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	14.3	10.6	16.0

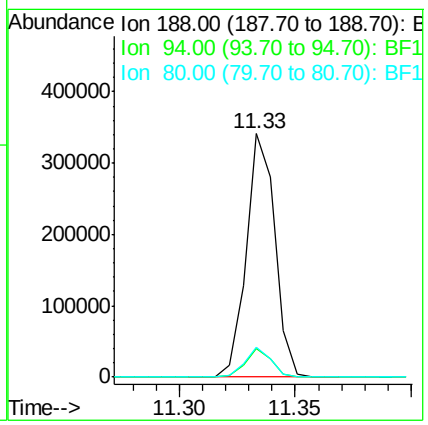


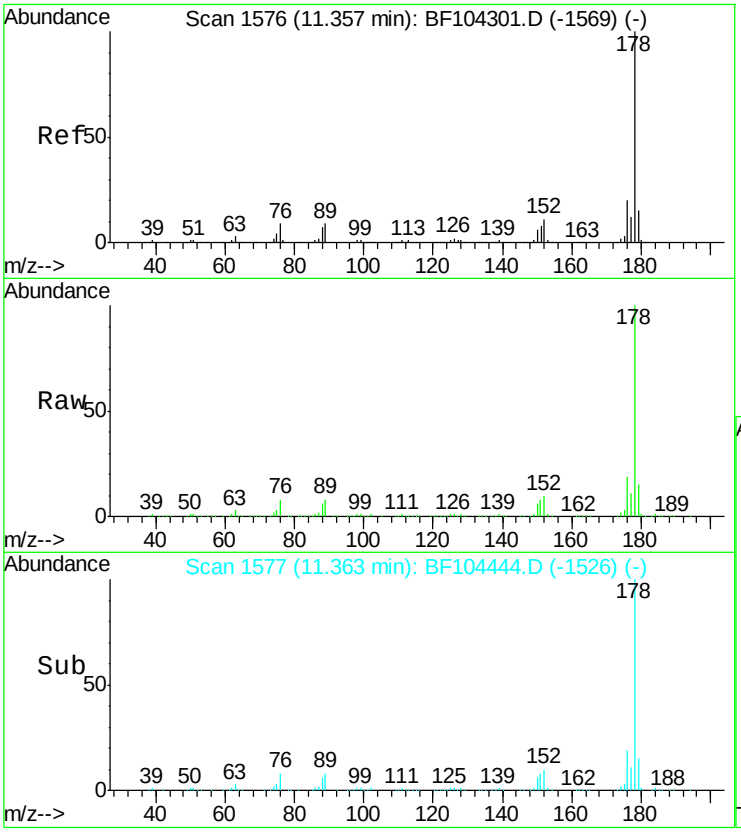


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:188 Resp: 295587

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.4	9.2	13.8



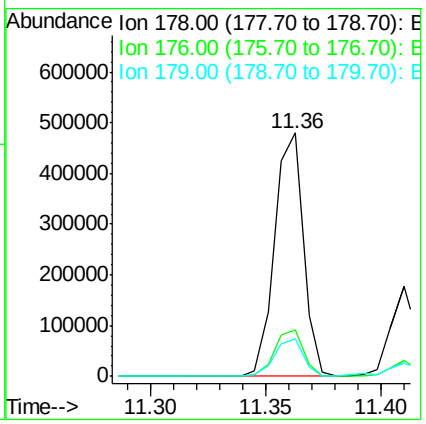


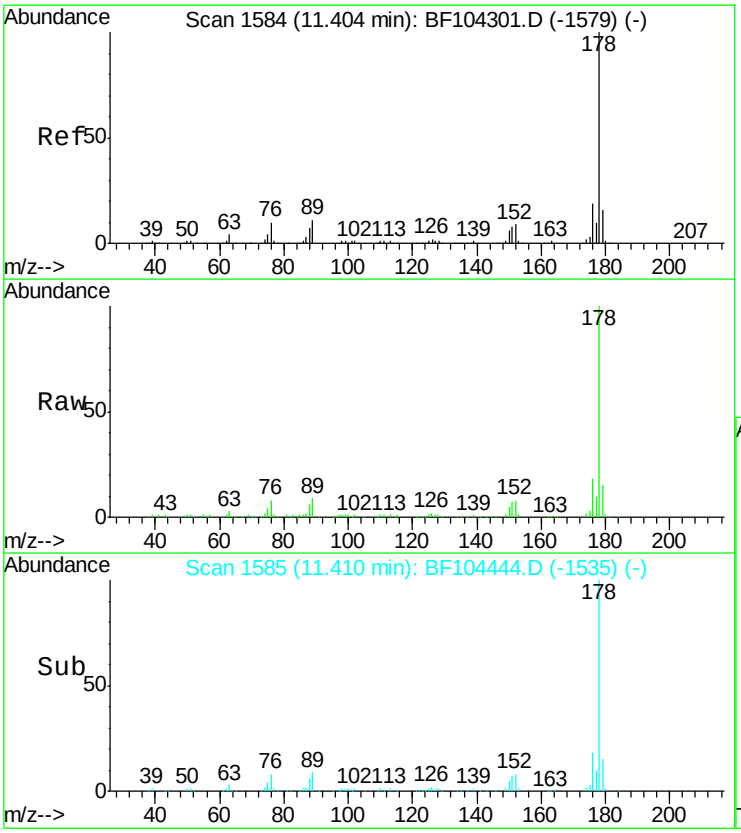
#70
Phenanthrene
Concen: 25.179 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 414478

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6

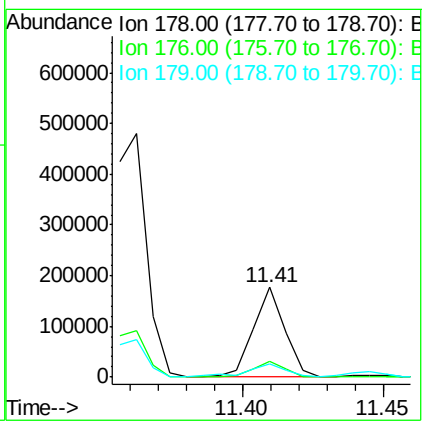


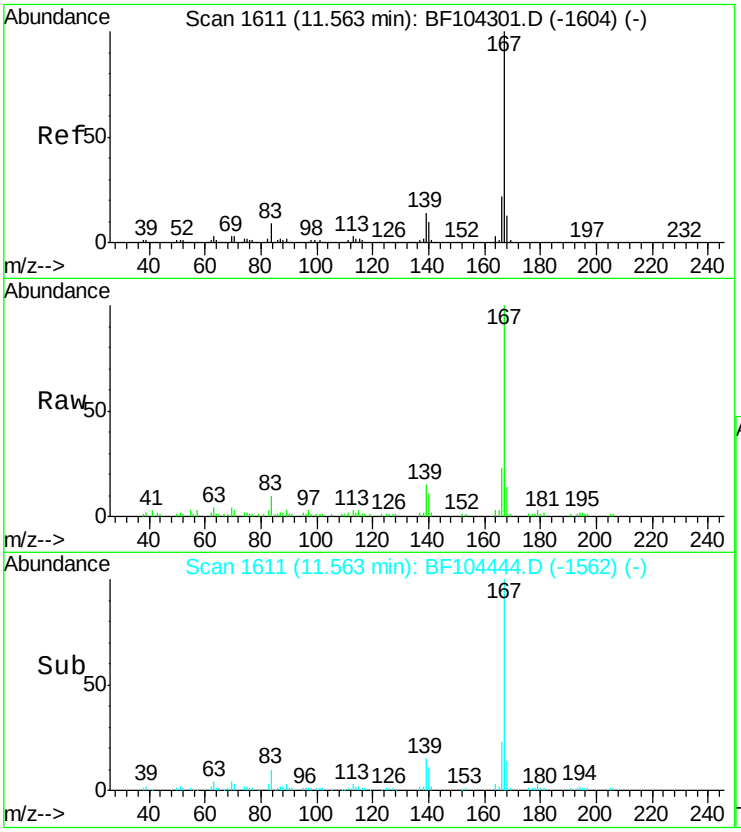


#71
Anthracene
Concen: 8.051 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:178 Resp: 134713

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.1	12.6	19.0



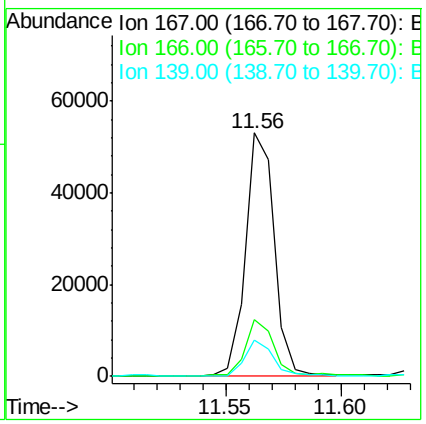


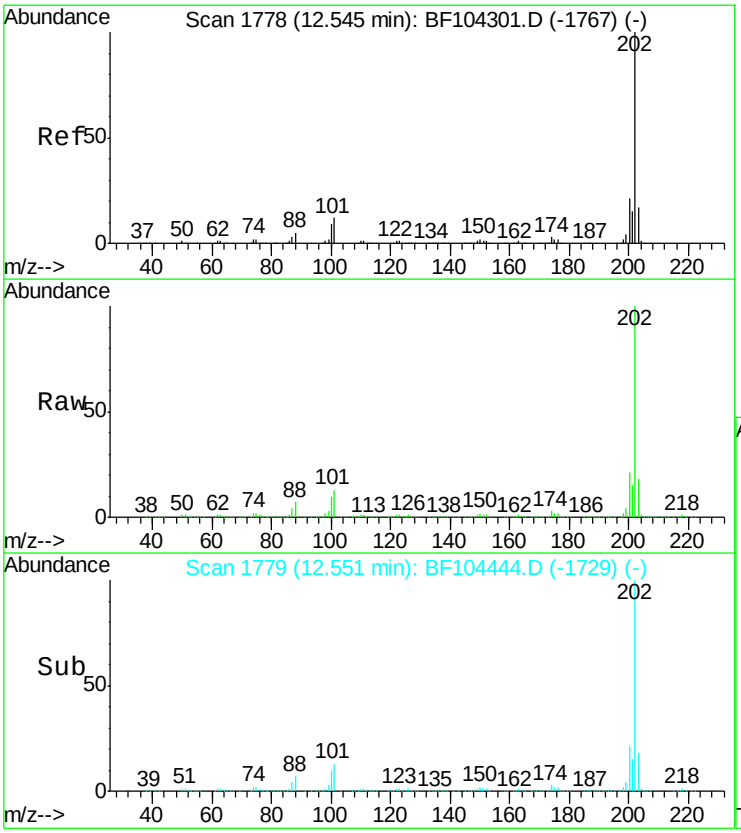
#72
Carbazole
Concen: 2.843 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 46478

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	15.0	10.9	16.3

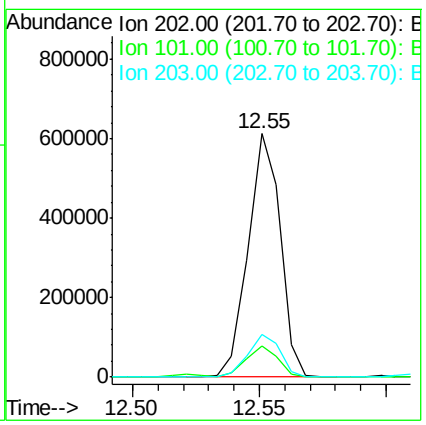


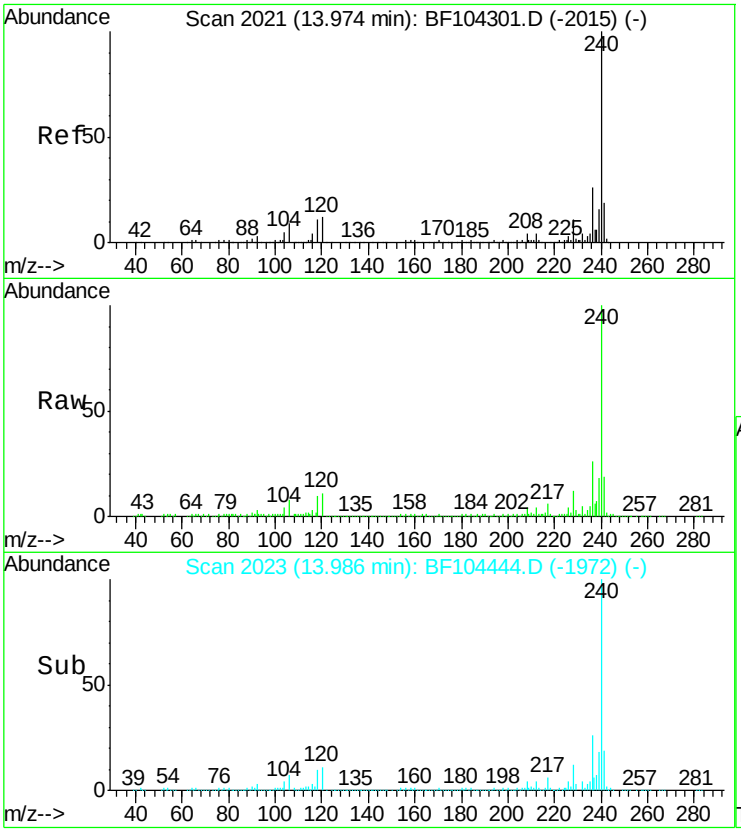


#74
Fluoranthene
Concen: 31.392 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:202 Resp: 539895

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.8	0.0	38.1



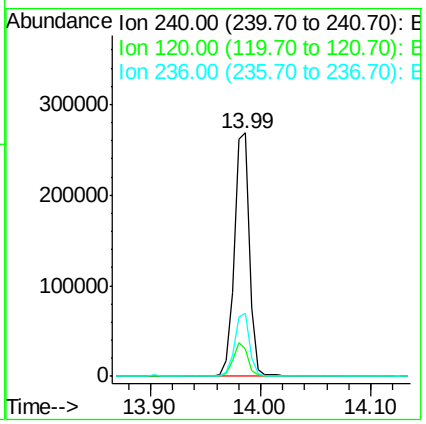


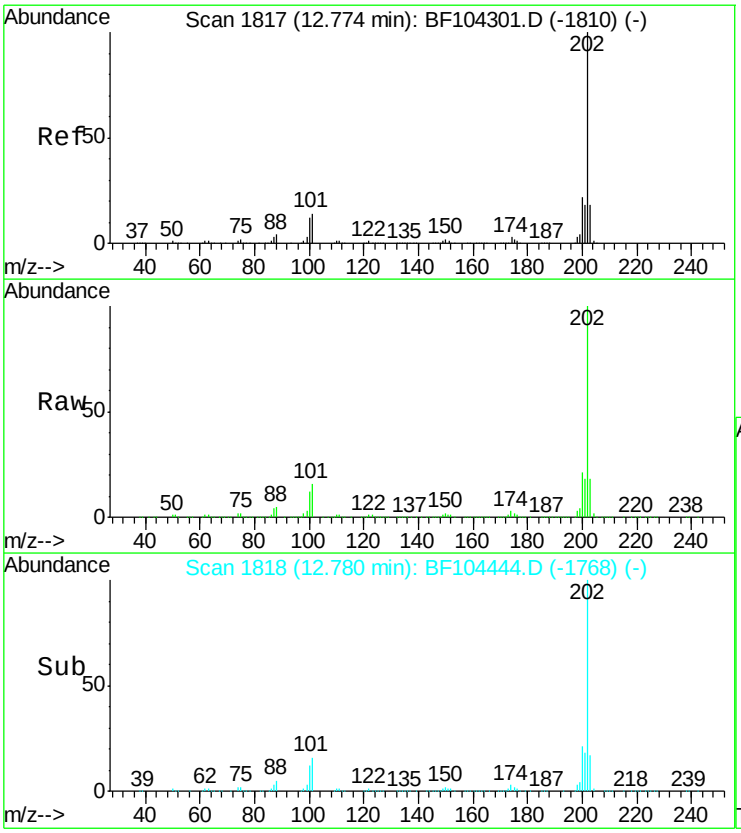
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 256981

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.9	20.7	31.1

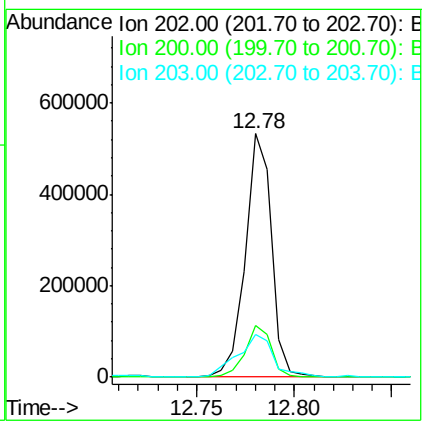


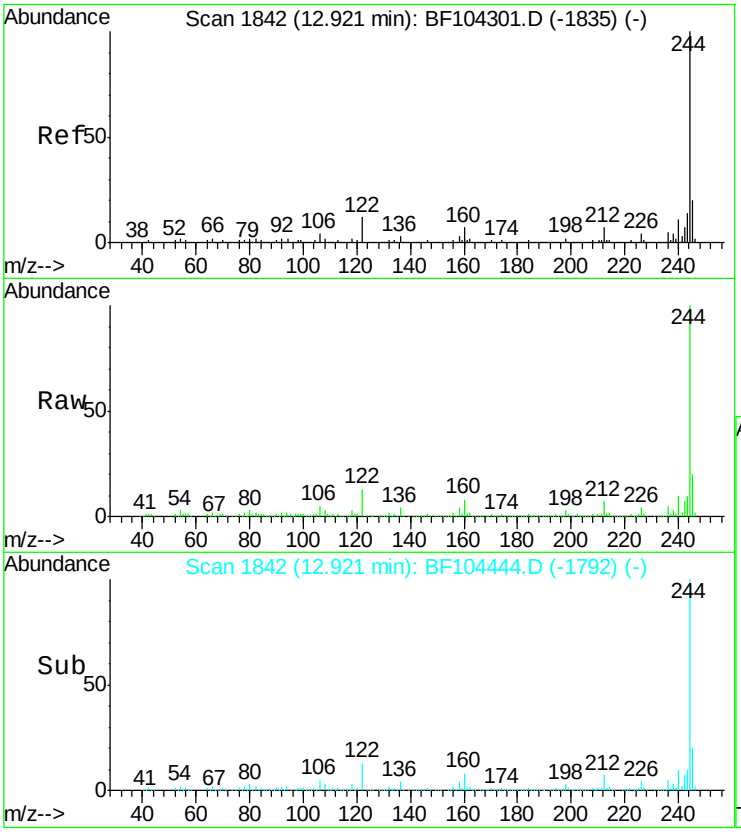


#77
Pyrene
Concen: 25.788 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:202 Resp: 491210

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5



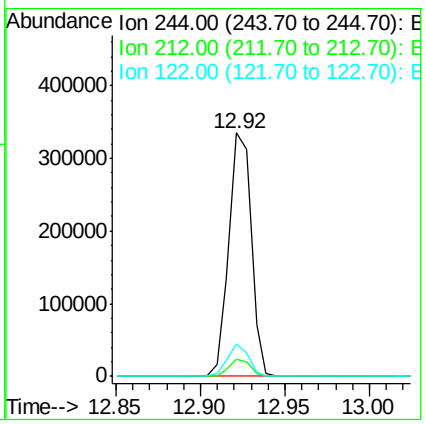


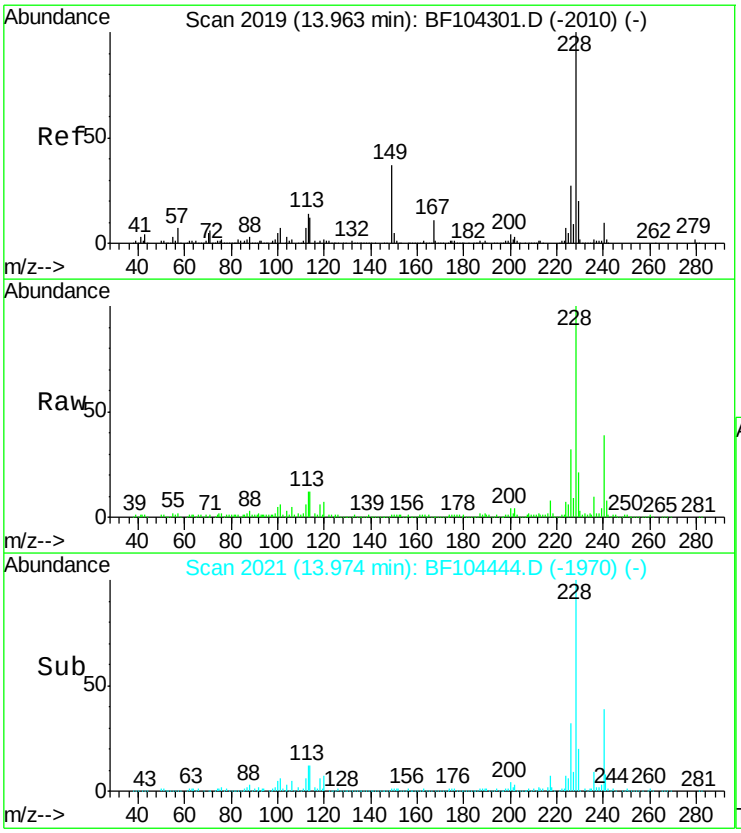
#78
Terphenyl-d14
Concen: 27.376 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 308581

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.3	11.0	16.4

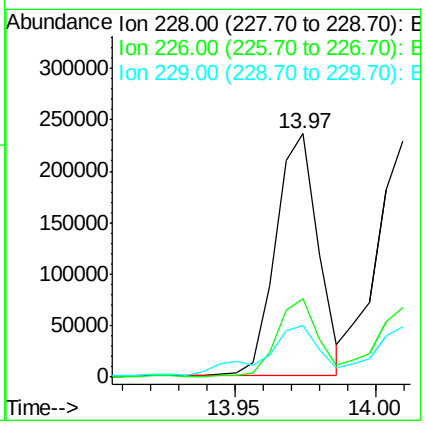


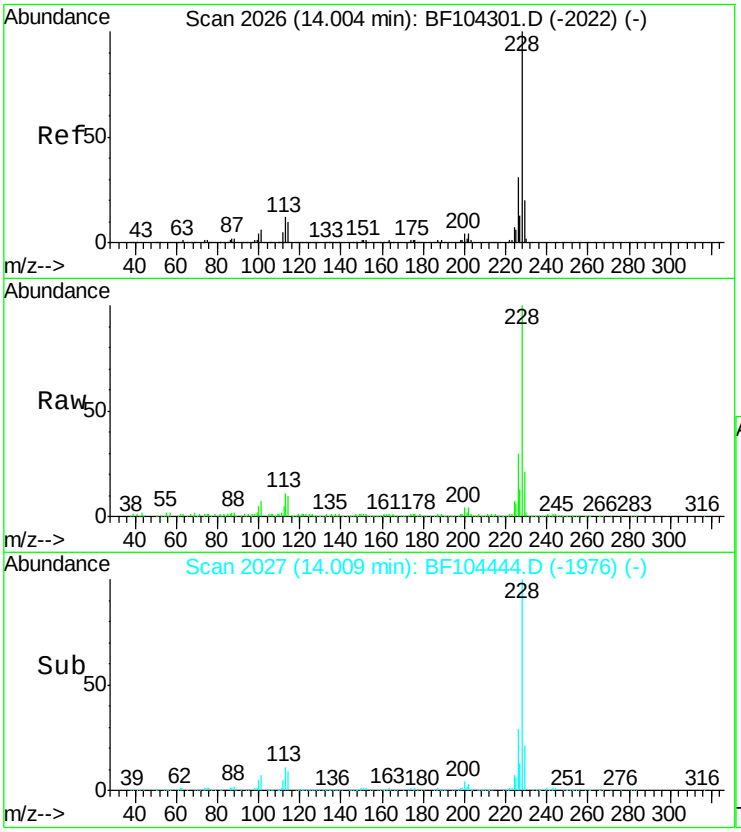


#80
Benzo(a)anthracene
Concen: 16.011 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:228 Resp: 245800

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	21.3	15.8	23.6



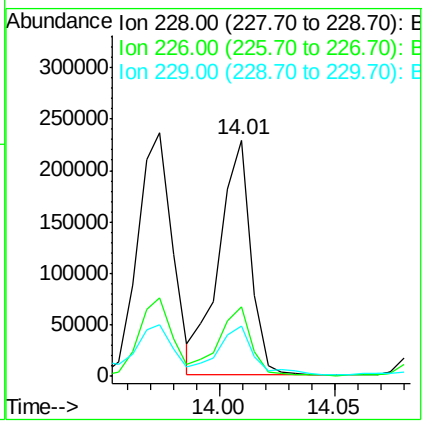


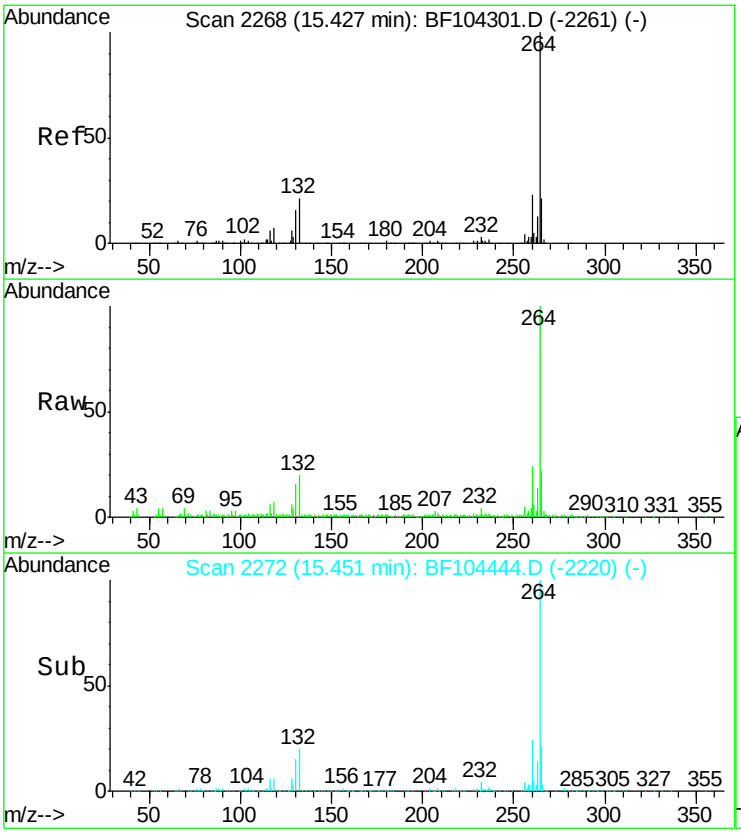
#82
Chrysene
Concen: 13.909 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 219330

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.5	16.2	24.4

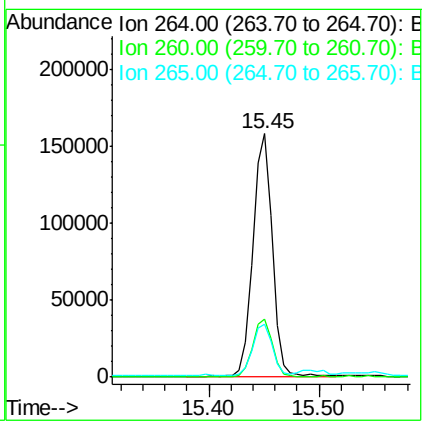


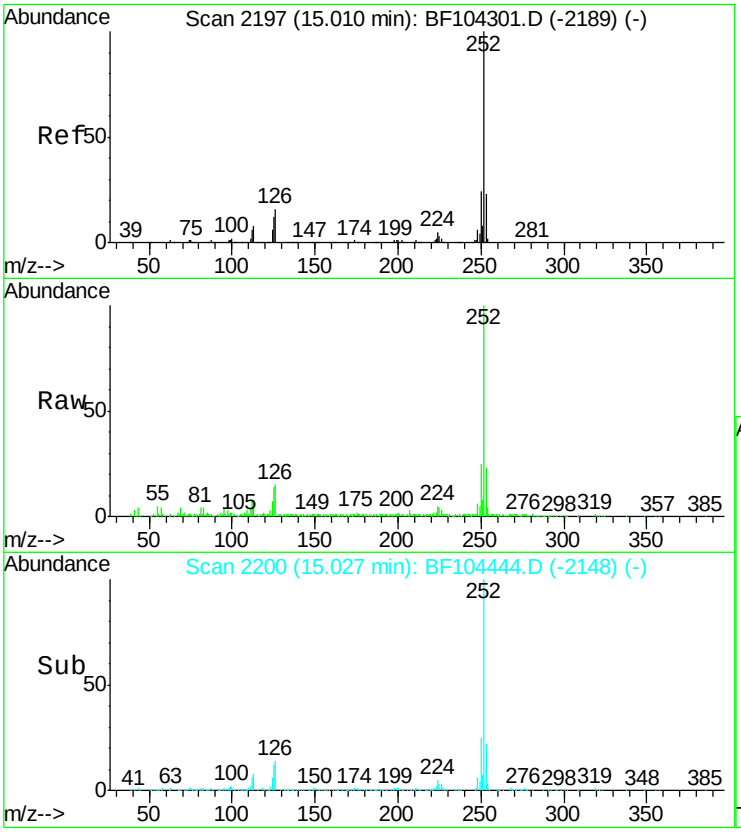


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:264 Resp: 195216

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3



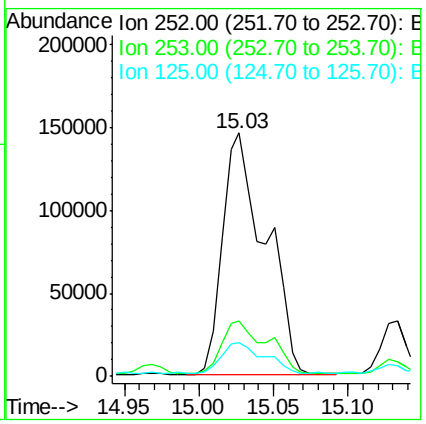


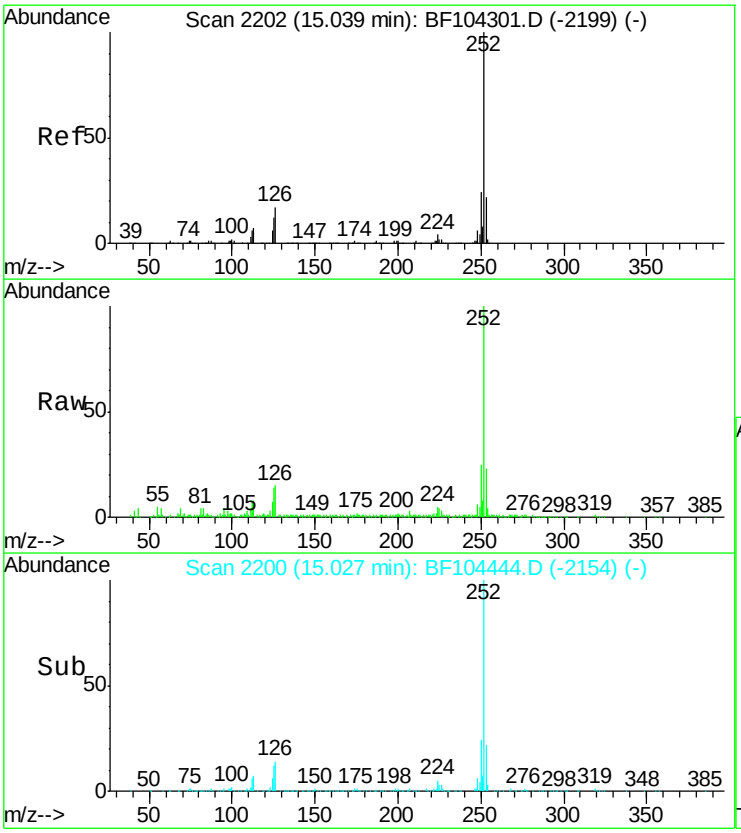
#87
Benzo(b)fluoranthene
Concen: 23.778 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 293167

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.7	9.0	13.6#

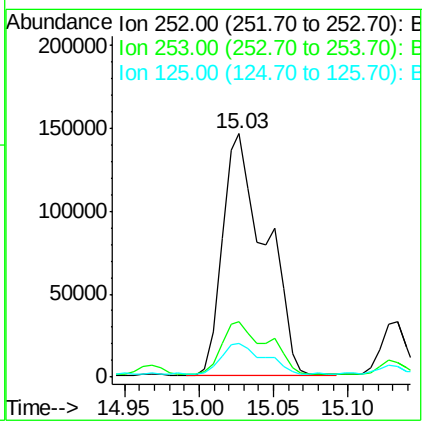


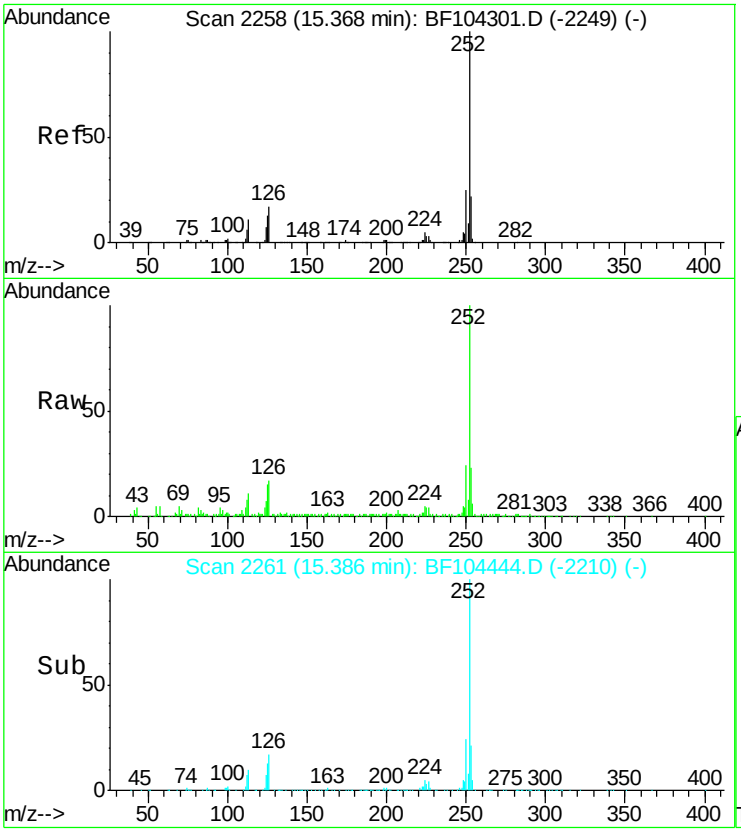


#88
Benzo(k)fluoranthene
Concen: 25.186 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:252 Resp: 293167

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.7	10.2	15.2



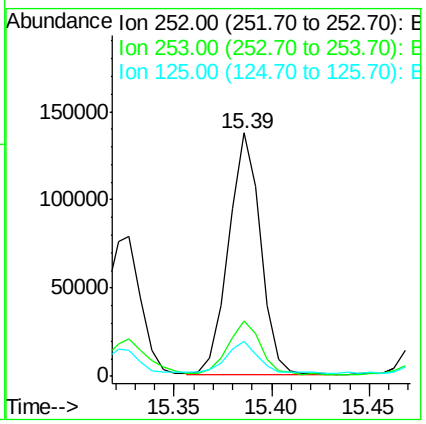


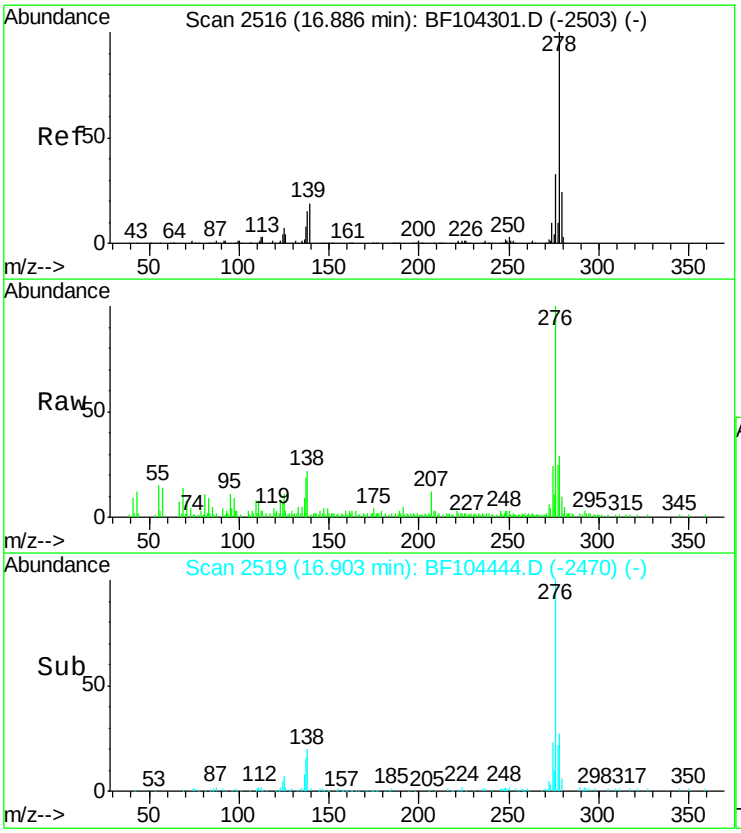
#89
Benzo(a)pyrene
Concen: 14.171 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 156330

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	14.6	9.8	14.6

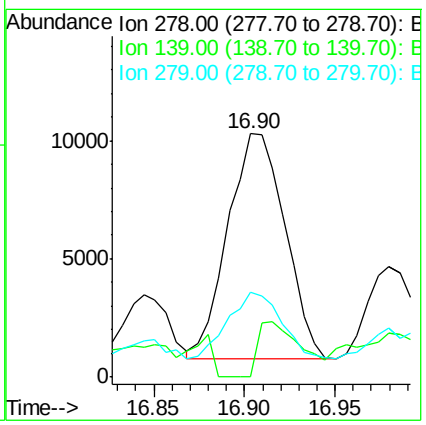


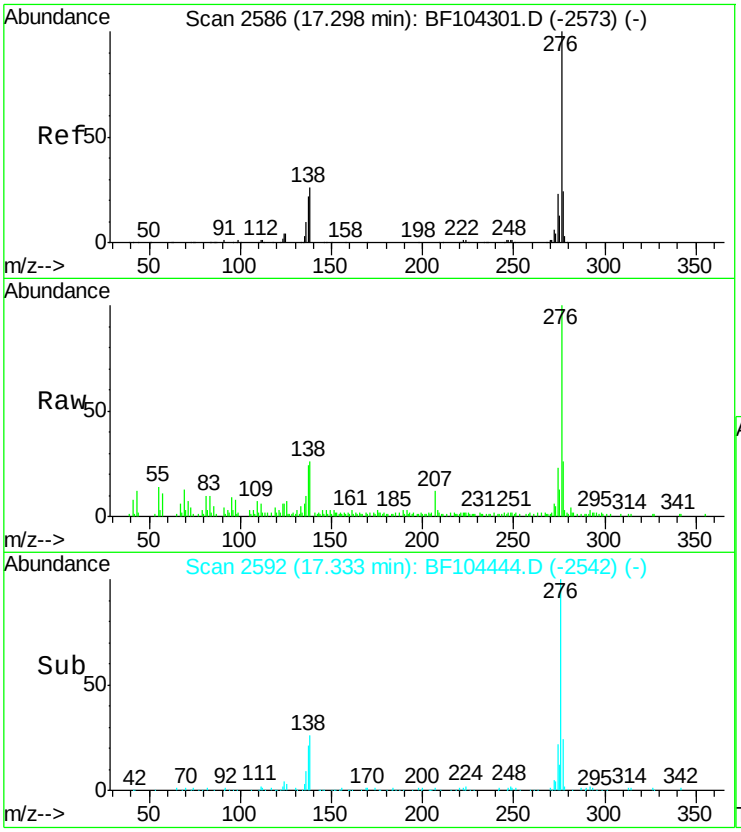


#90
Dibenzo(a,h)anthracene
Concen: 2.316 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Tgt Ion:278 Resp: 20983

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	34.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.770 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF104444.D
Acq: 11 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 76987

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	26.3	21.8	32.8