Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104636.D
Acq On : 19 Apr 2018 18:58
Operator : JU/SJ
Sample : J2387-07RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 20 00:55:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160374	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	651477	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	283500	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	427771	20.00	ng		0.00
75) Chrysene-d12	13.99	240	262955	20.00	ng		0.00
86) Perylene-d12	15.46	264	256614	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	116699	11.13	ng		0.00
7) Phenol-d6	6.45	99	885848	68.74	ng		0.00
23) Nitrobenzene-d5	7.37	82	1000518	100.28	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	13427	4.57	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1333472	74.31	ng		0.00
78) Terphenyl-d14	12.93	244	963688	83.55	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	7103	Below Cal		#	63
10) Phenol	6.45	94	36968	2.704	ng	#	77
25) Isophorone	7.37	82	994598	47.142	ng	#	64
31) Naphthalene	8.11	128	76429	2.356	ng		100
37) 2-Methylnaphthalene	8.80	142	46961	2.238	ng		98
48) Acenaphthylene	9.70	152	484814	16.426	ng		99
49) Dimethylphthalate	9.56	163	134179	6.002	ng		99
51) Acenaphthene	9.87	154	80940	4.495	ng		97
53) 2,4-Dinitrophenol	9.90	184	121	5.231	ng	#	1
57) Fluorene	10.39	166	102071	5.588	ng	#	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	273	7.458	ng	#	1
70) Phenanthrene	11.36	178	686685	28.825	ng		100
71) Anthracene	11.41	178	527464	21.782	ng		100
74) Fluoranthene	12.56	202	984944	39.572	ng		98
76) Benzidine	12.64	184	797	Below Cal		#	1
77) Pyrene	12.79	202	1380532	70.829	ng		99
80) Benzo(a)anthracene	14.02	228	892812	56.834	ng		94
82) Chrysene	14.02	228	892812	55.331	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	110894	9.389	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	330343	24.100	ng		94
87) Benzo(b)fluoranthene	15.03	252	1076169	66.400	ng	#	95
88) Benzo(k)fluoranthene	15.03	252	1076169	70.333	ng		98
89) Benzo(a)pyrene	15.40	252	860052	59.308	ng		97
90) Dibenzo(a,h)anthracene	17.08	278	124702	10.470	ng		95
91) Benzo(g,h,i)perylene	17.35	276	336881	29.195	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
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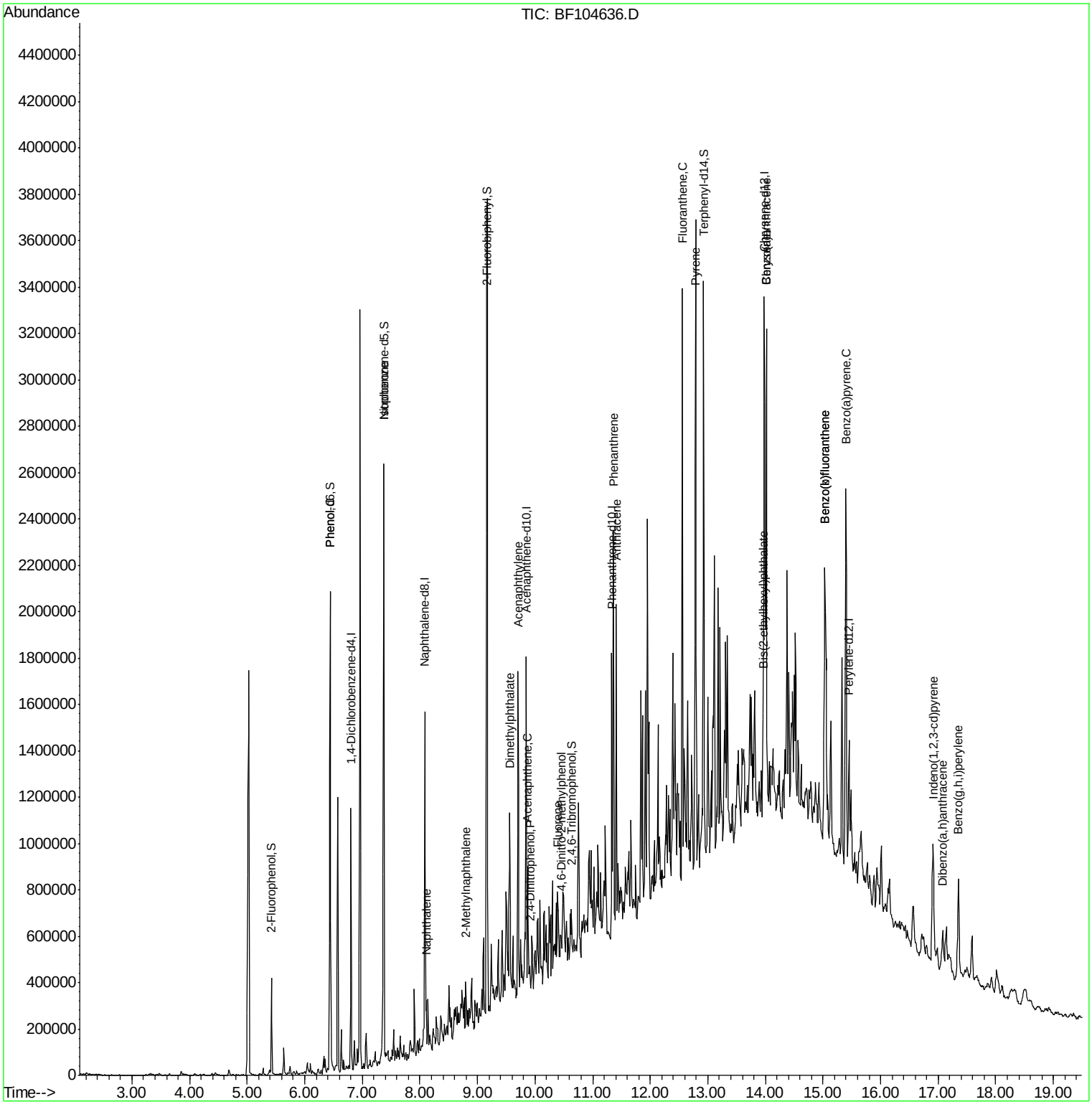
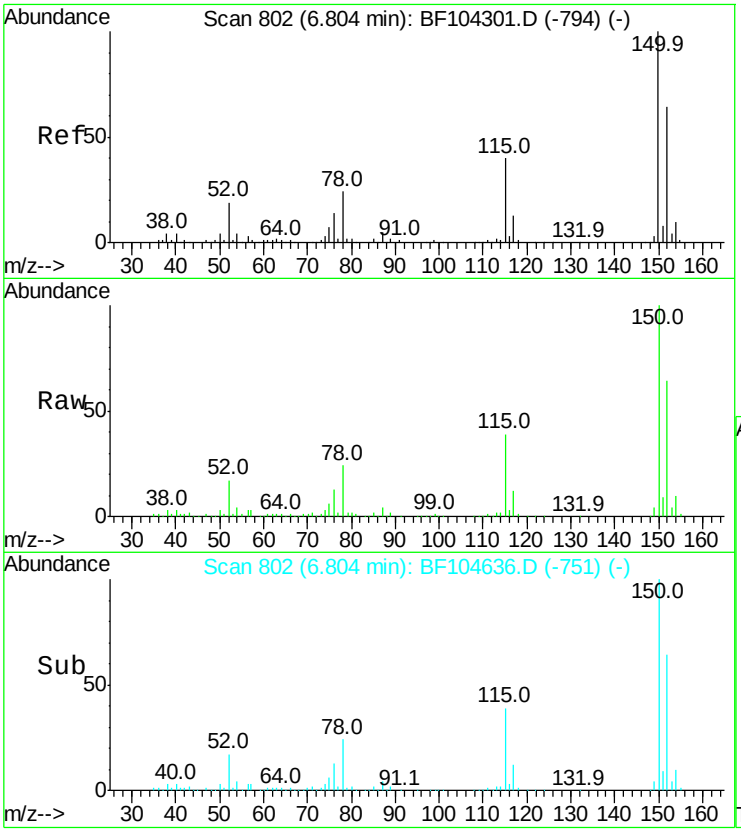


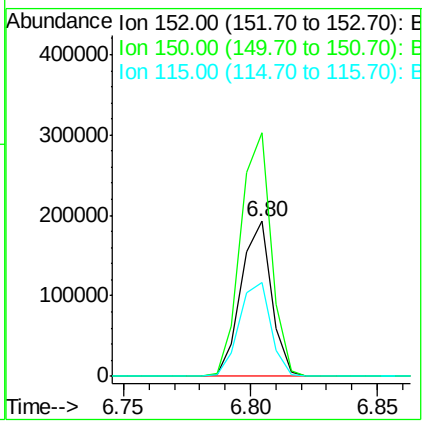


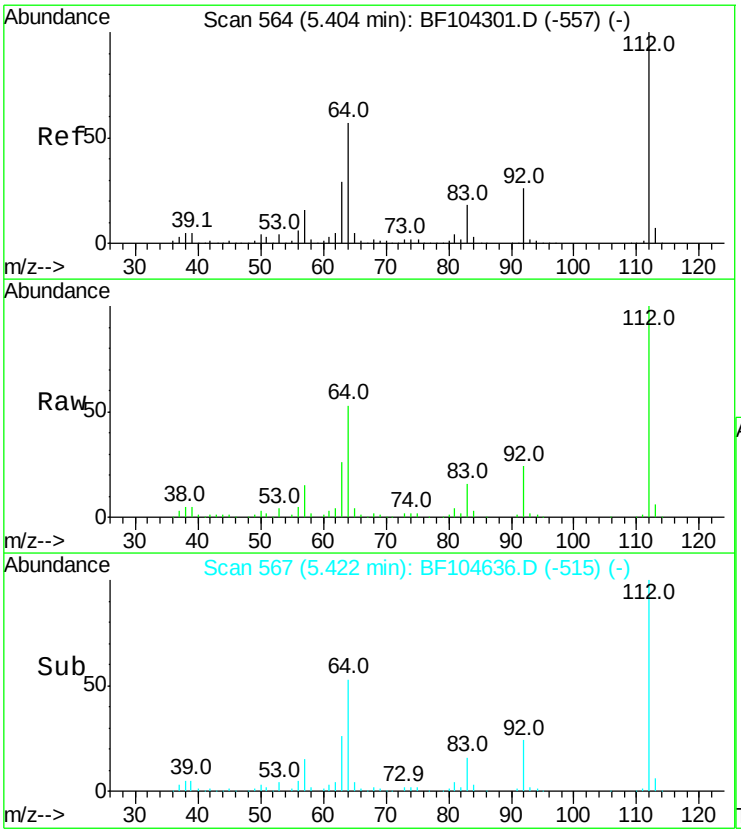
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160374

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.8	50.1	75.1

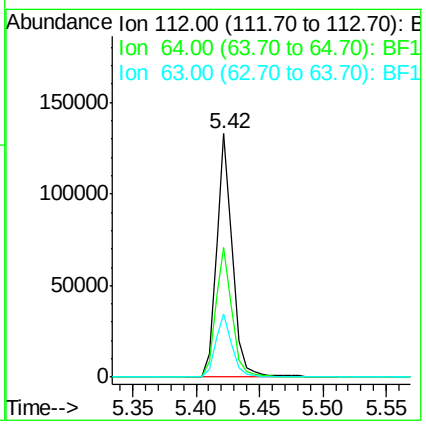


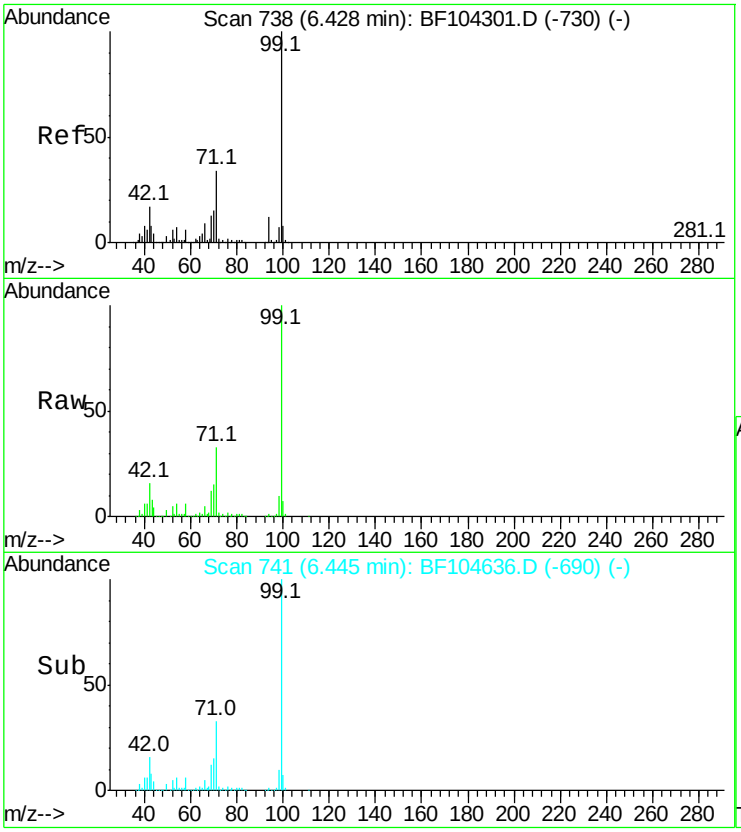


#5
2-Fluorophenol
Concen: 11.126 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:112 Resp: 116699

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	26.1	23.7	35.5



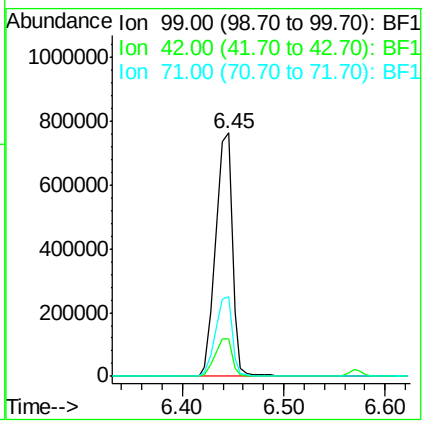


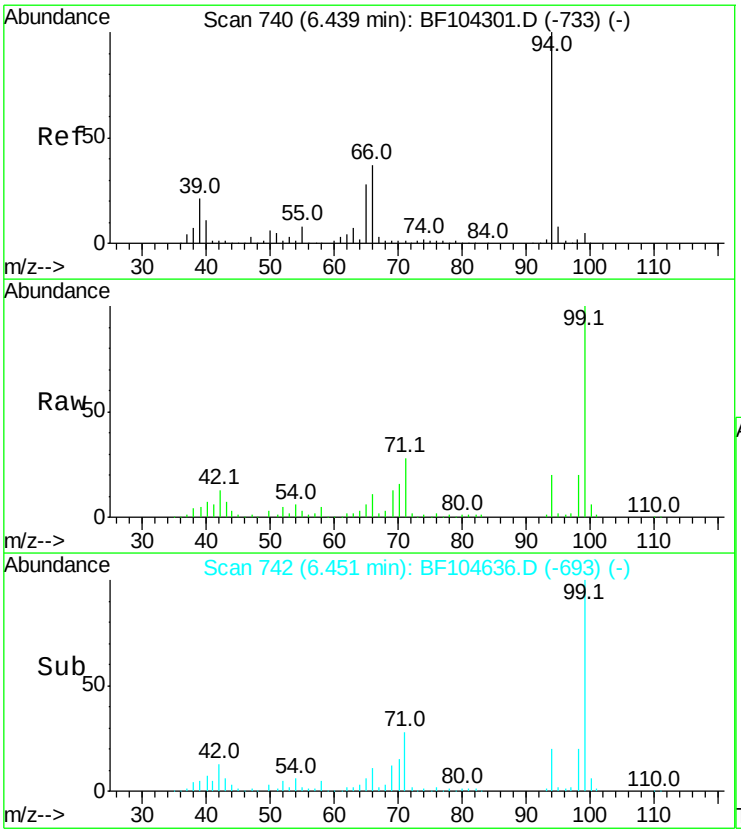
#7
Phenol-d6
Concen: 68.740 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 885848

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	32.7	25.4	38.0

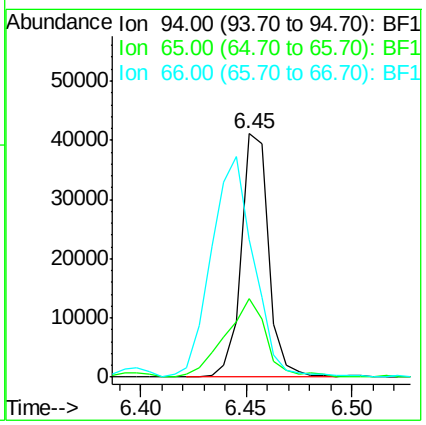


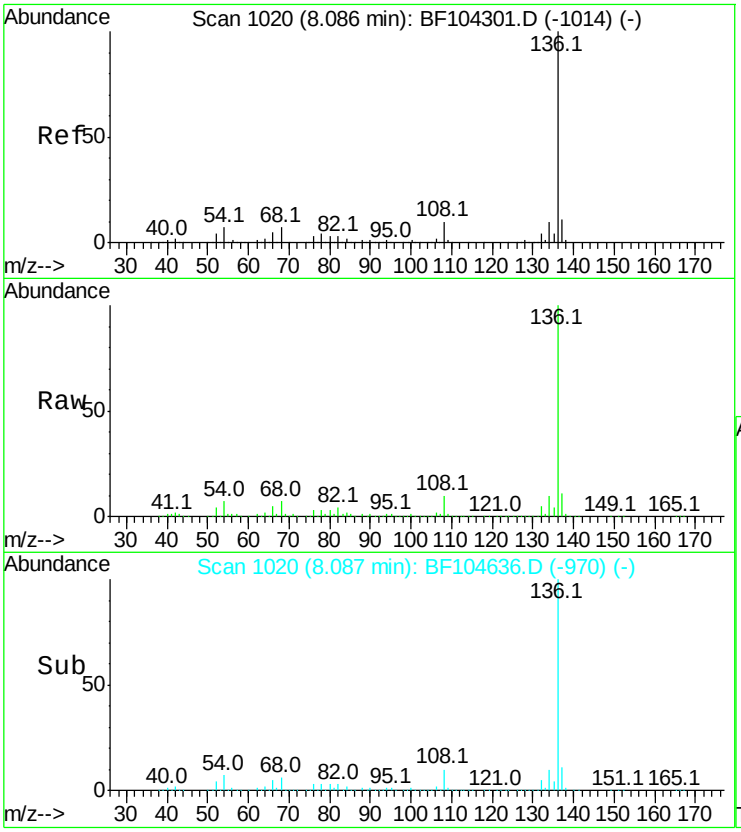


#10
Phenol
Concen: 2.704 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion: 94 Resp: 36968

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	56.5	16.2	56.2#



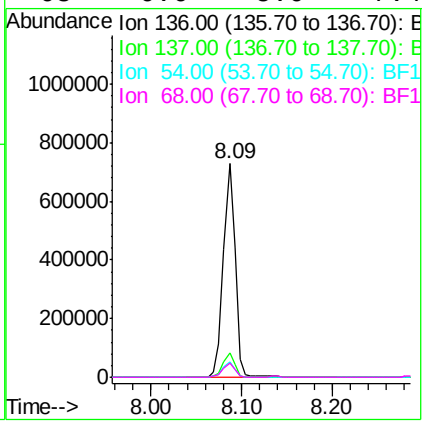


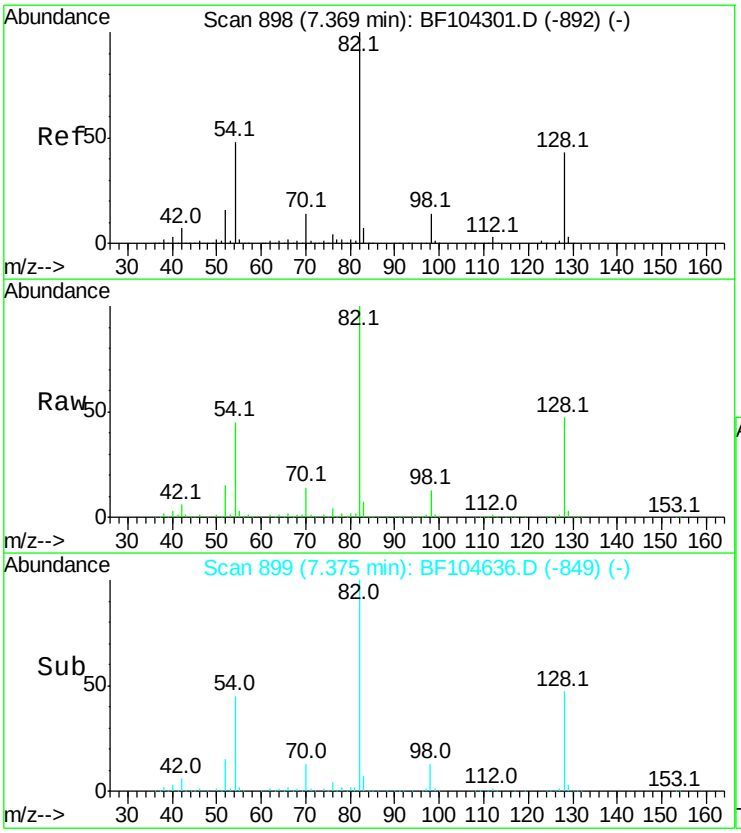
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 651477

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.6	5.0	7.4

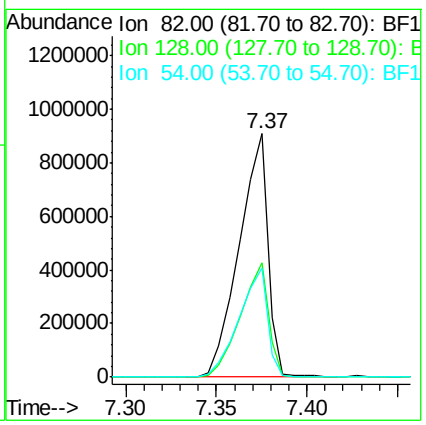


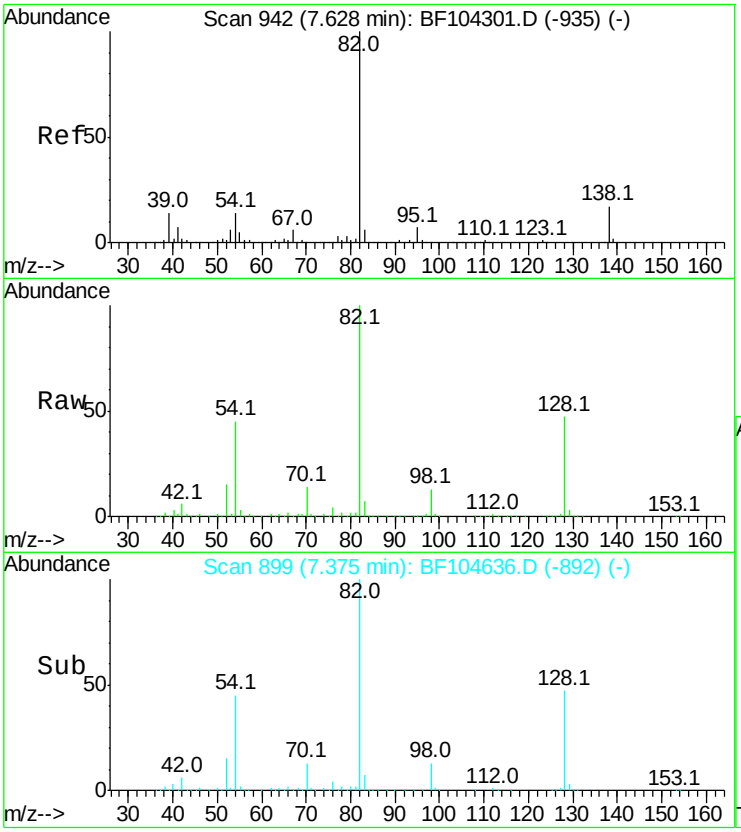


#23
Nitrobenzene-d5
Concen: 100.283 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion: 82 Resp: 1000518

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	44.9	41.4	62.2



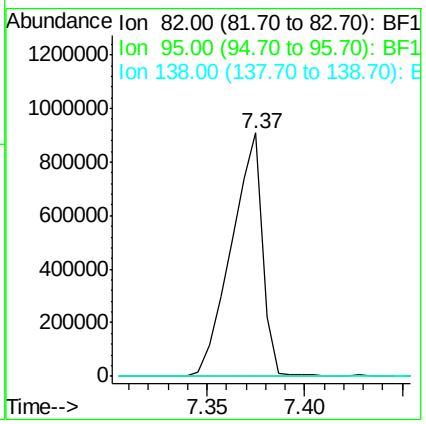


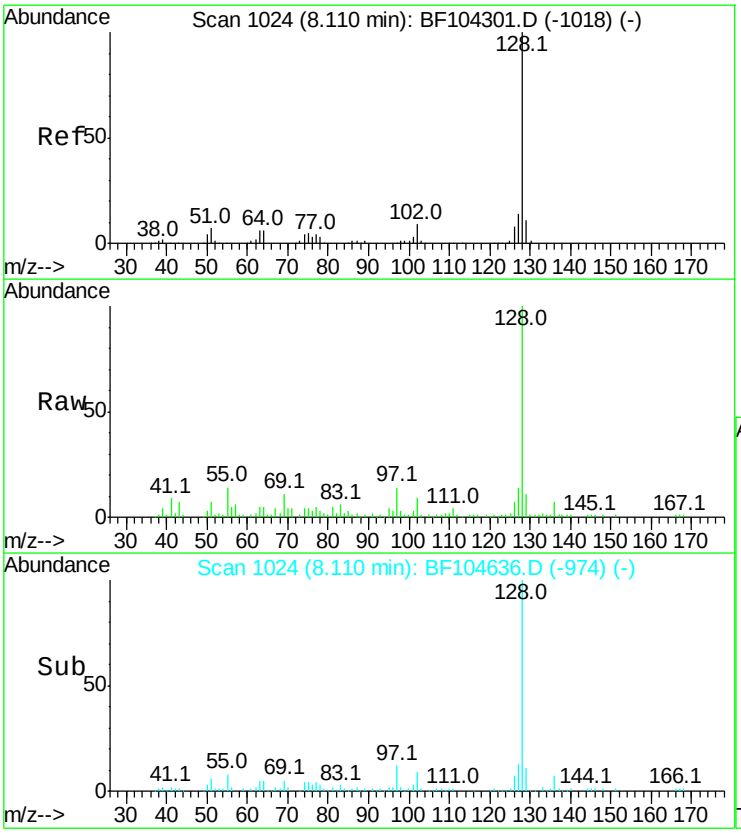
#25
Isophorone
Concen: 47.142 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 994598

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

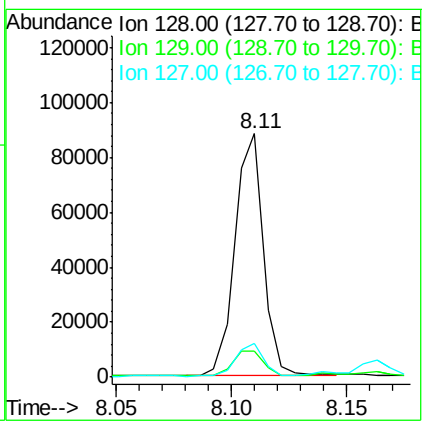


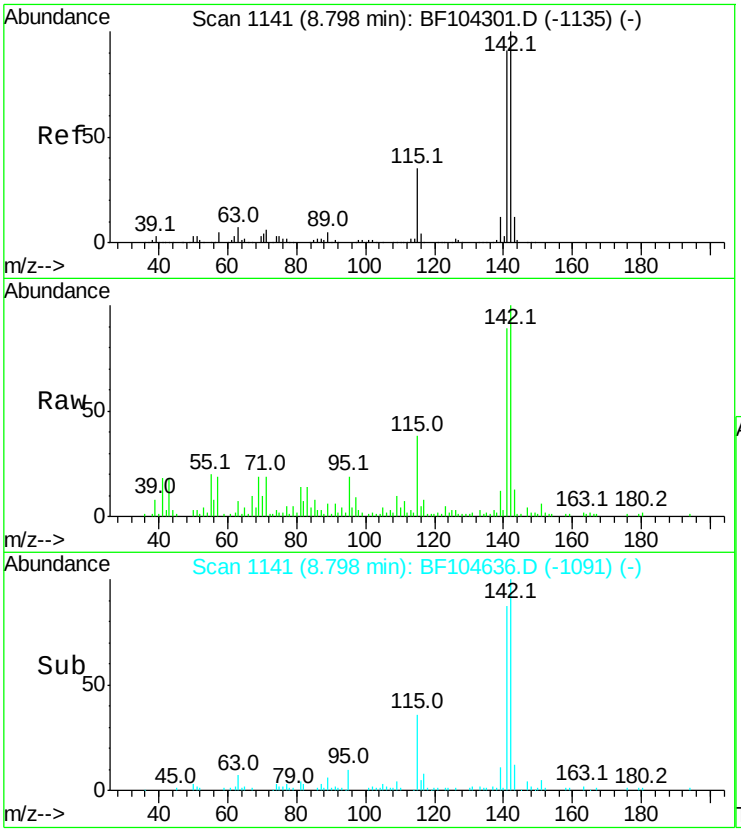


#31
Naphthalene
Concen: 2.356 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:128 Resp: 76429

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.7	10.9	16.3

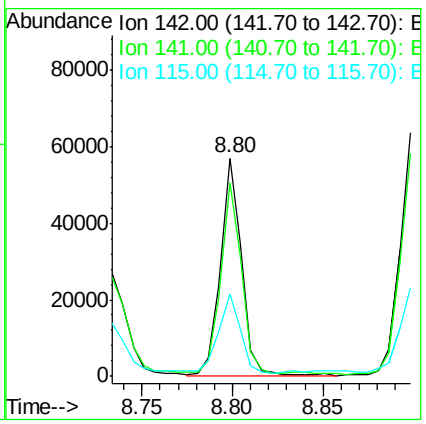




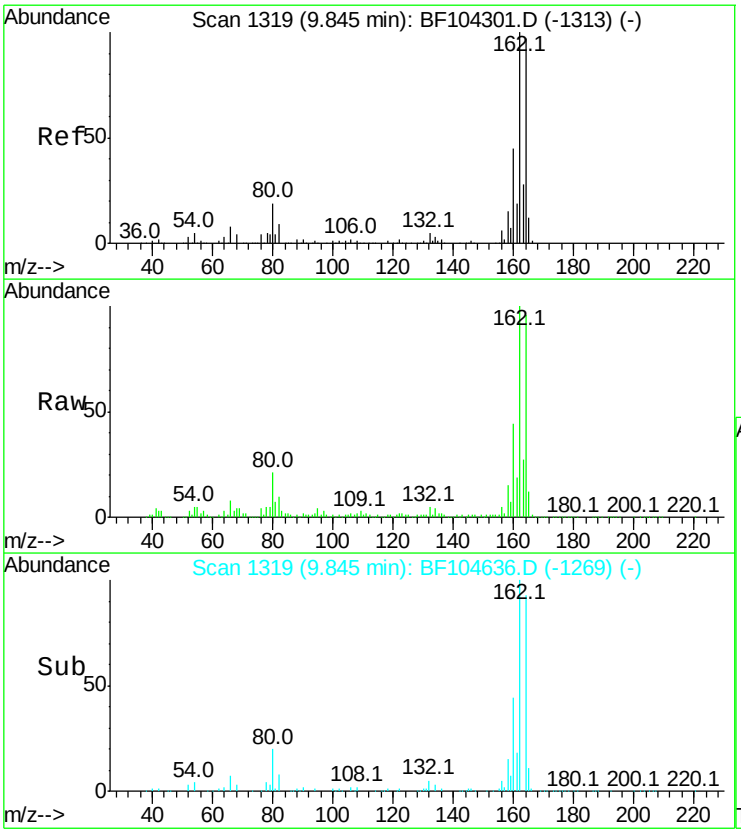
#37
2-Methylnaphthalene
Concen: 2.238 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:142 Resp: 46961

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	37.6	26.1	39.1



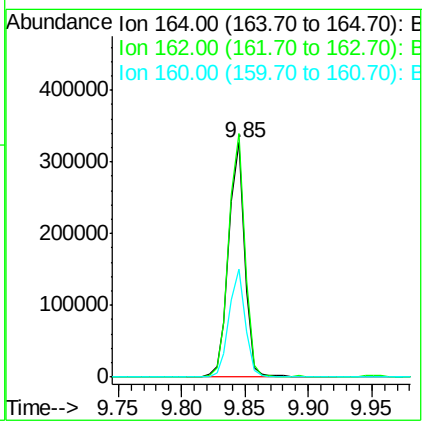
Instrument :
BNA_F
ClientSampleId :

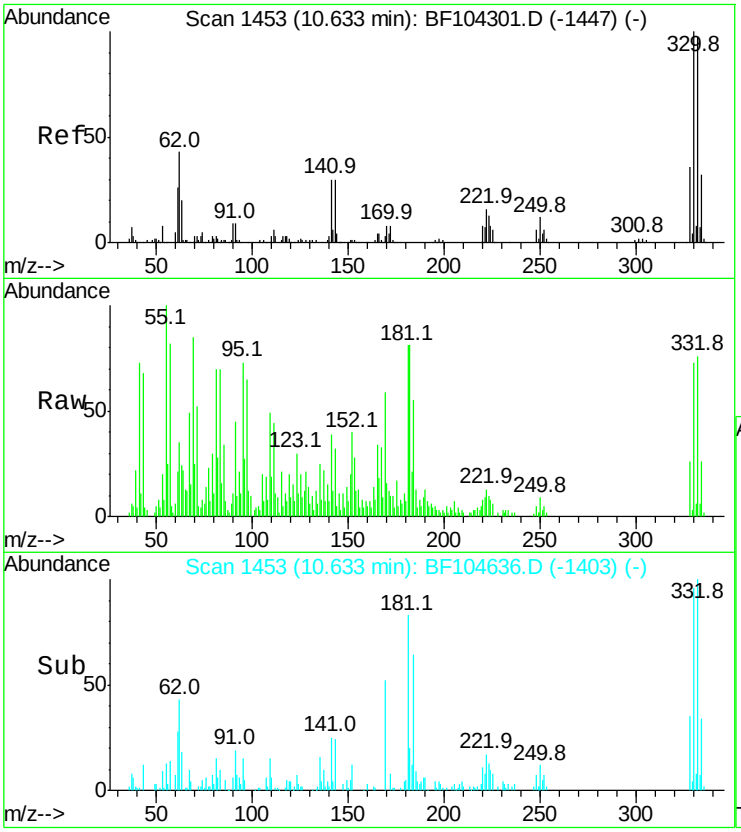


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:164 Resp: 283500

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.8	38.3	57.5



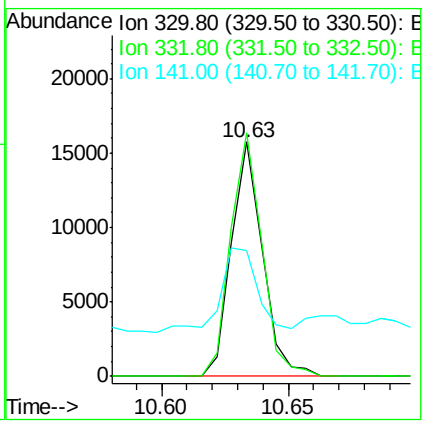


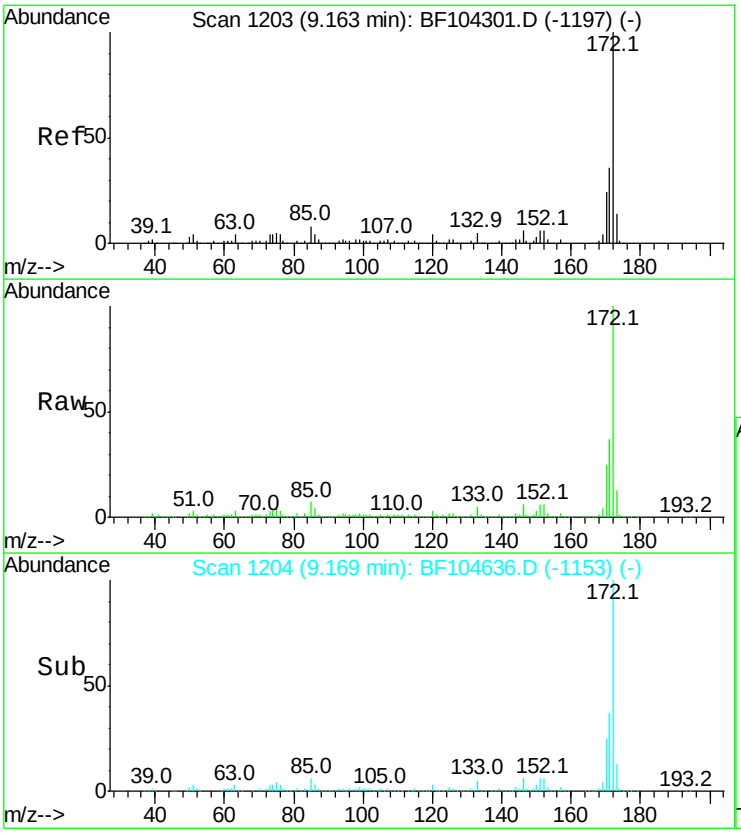
#41
2,4,6-Tribromophenol
Concen: 4.566 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13427

Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.0	115.6
141	44.1	29.9	44.9

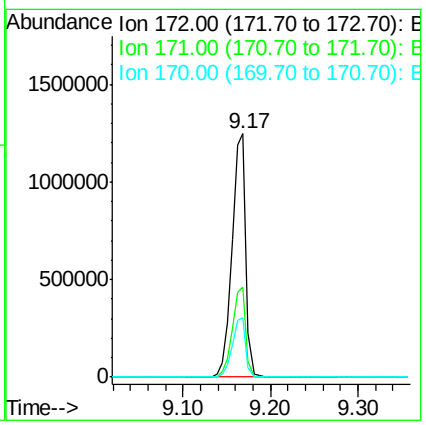


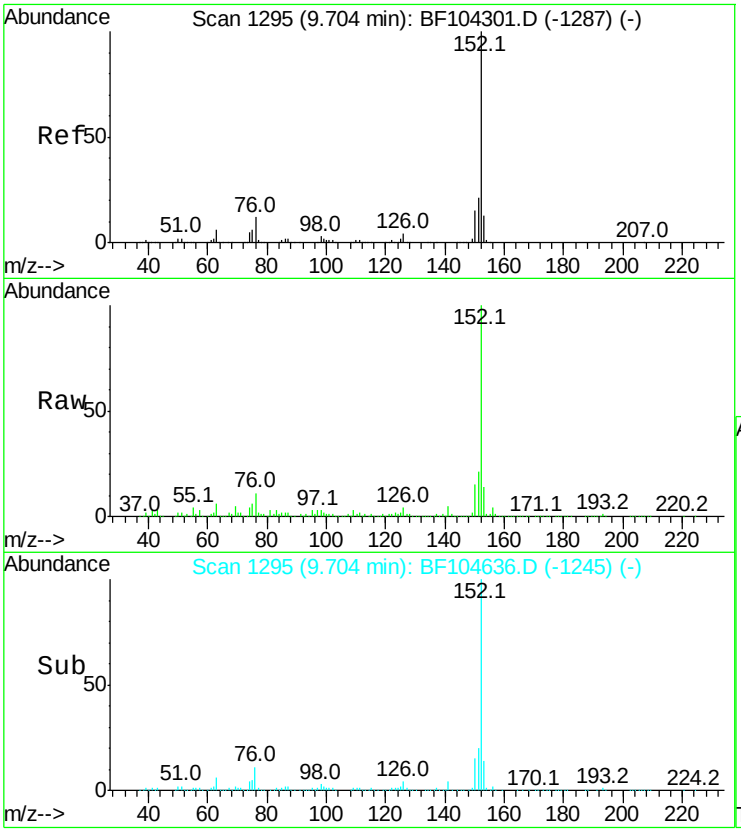


#44
2-Fluorobiphenyl
Concen: 74.305 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:172 Resp: 1333472

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4



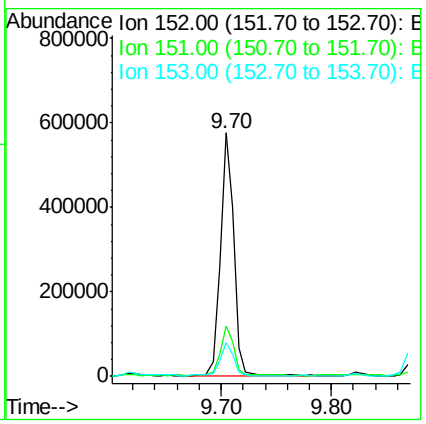


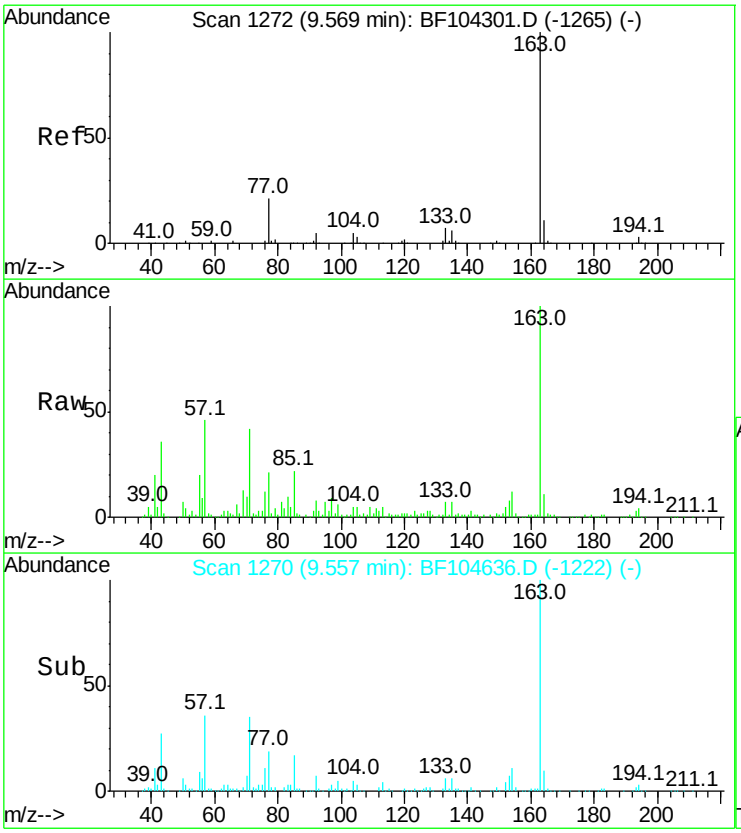
#48
Acenaphthylene
Concen: 16.426 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 484814

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.8	10.7	16.1

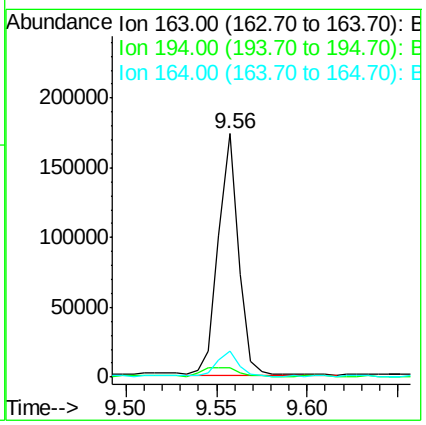


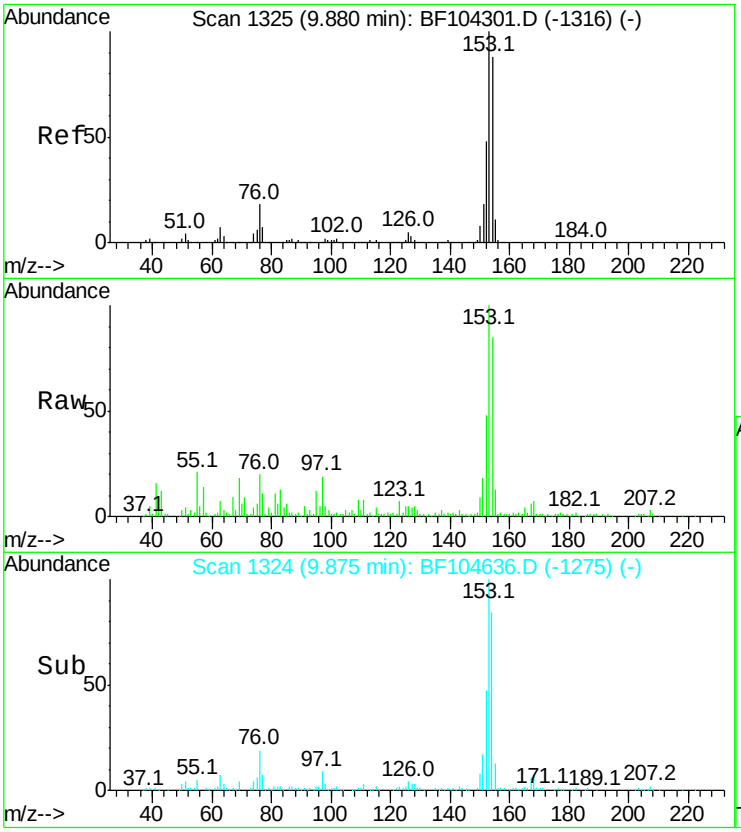


#49
Dimethylphthalate
Concen: 6.002 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:163 Resp: 134179

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2



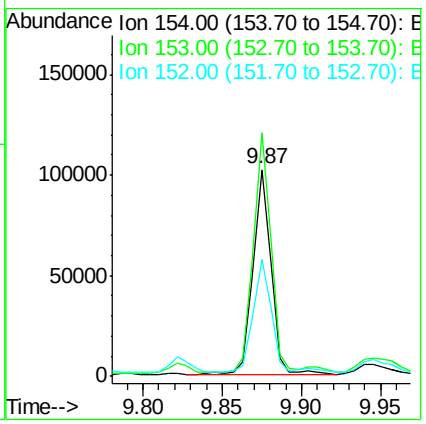


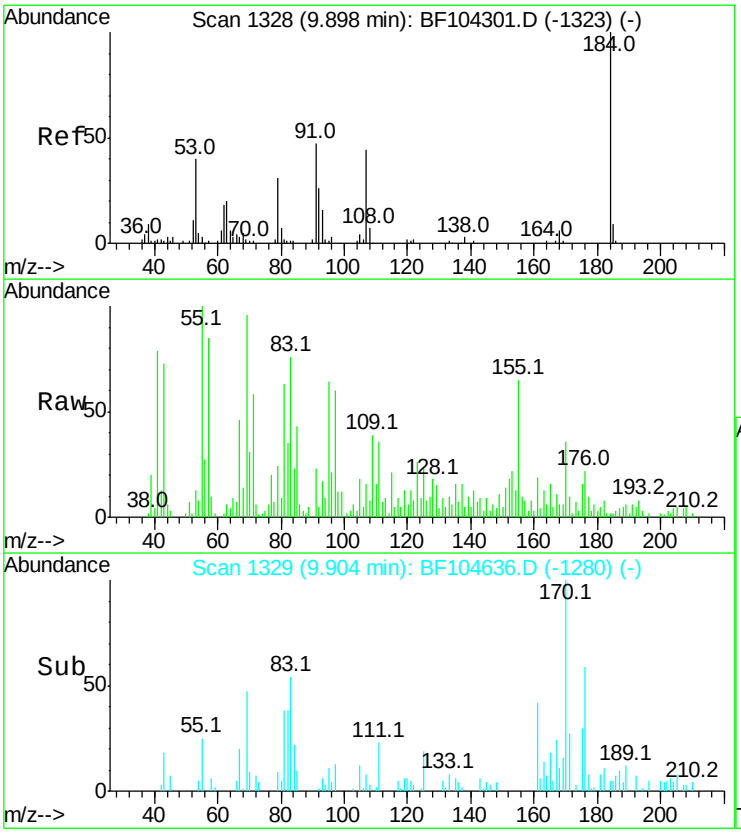
#51
Acenaphthene
Concen: 4.495 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 80940

Ion	Ratio	Lower	Upper
154	100		
153	117.6	91.2	136.8
152	56.4	43.8	65.8

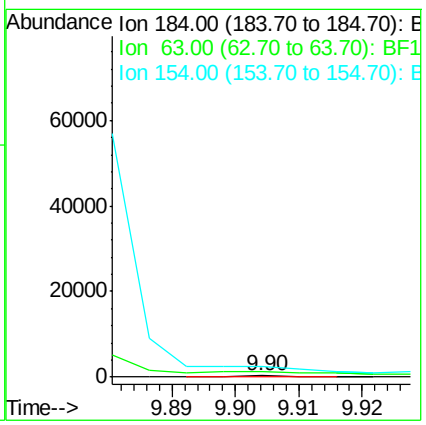


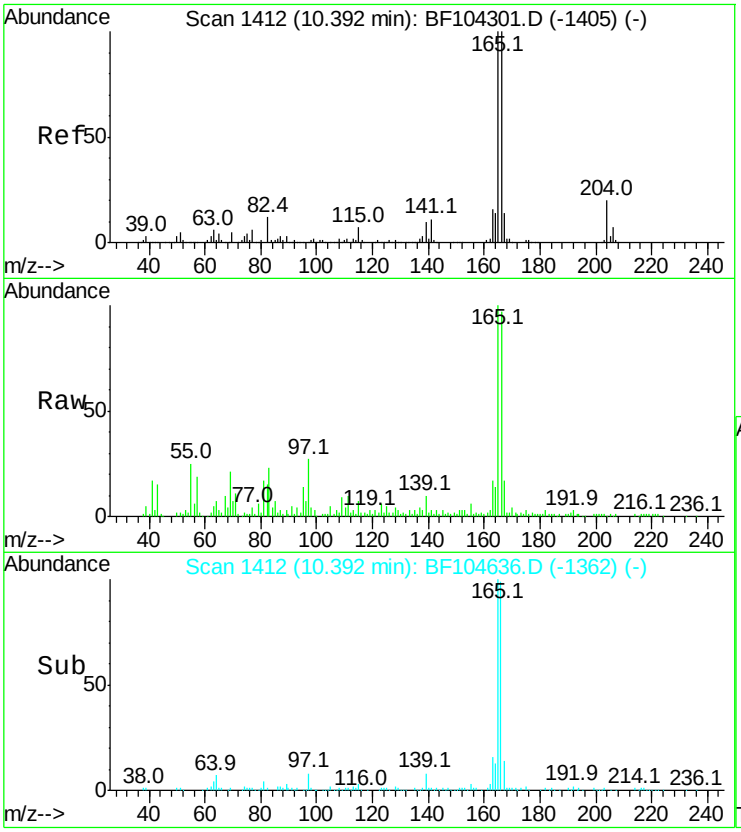


#53
2,4-Dinitrophenol
Concen: 5.231 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:184 Resp: 121

Ion	Ratio	Lower	Upper
184	100		
63	374.6	54.2	81.2#
154	769.0	184.0	276.0#



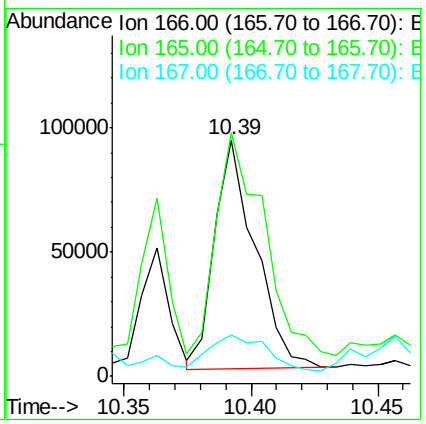


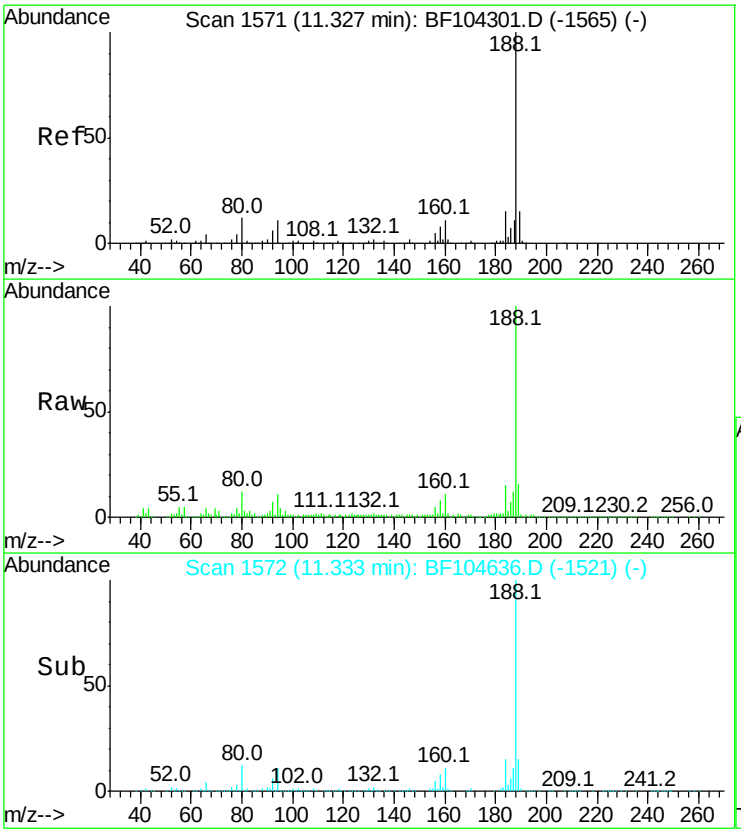
#57
Fluorene
Concen: 5.588 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 102071

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.8	119.8
167	17.3	10.6	16.0#

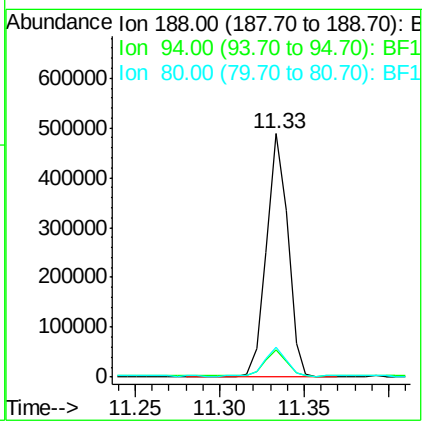


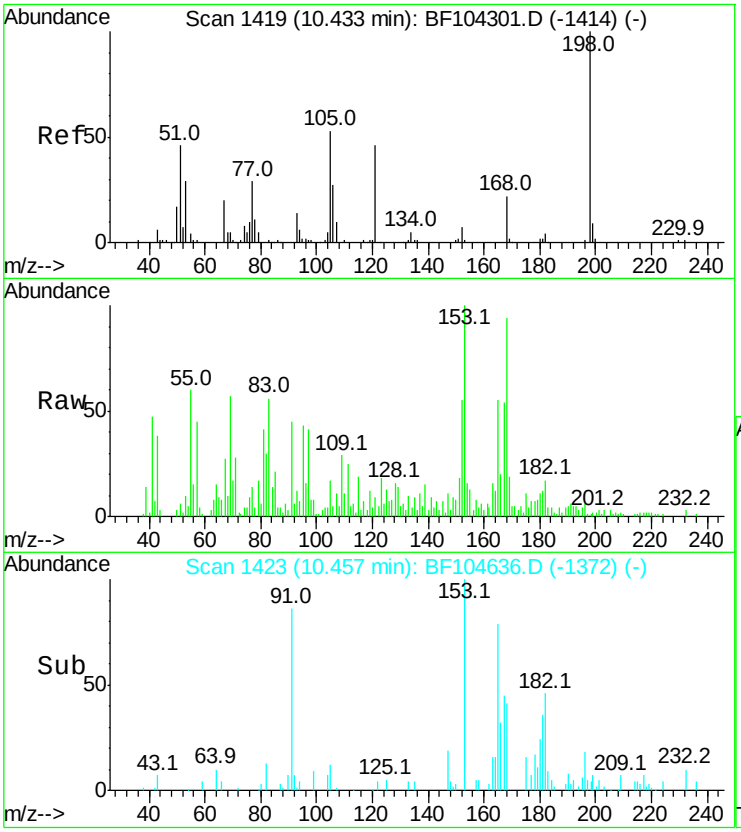


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:188 Resp: 427771

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8



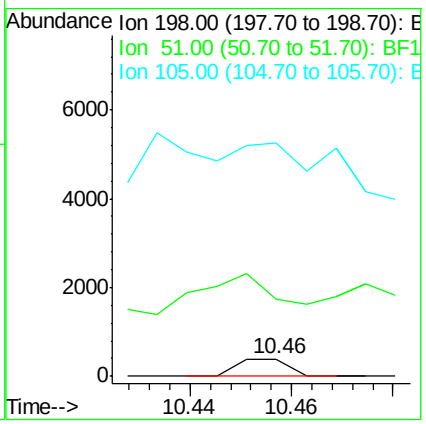


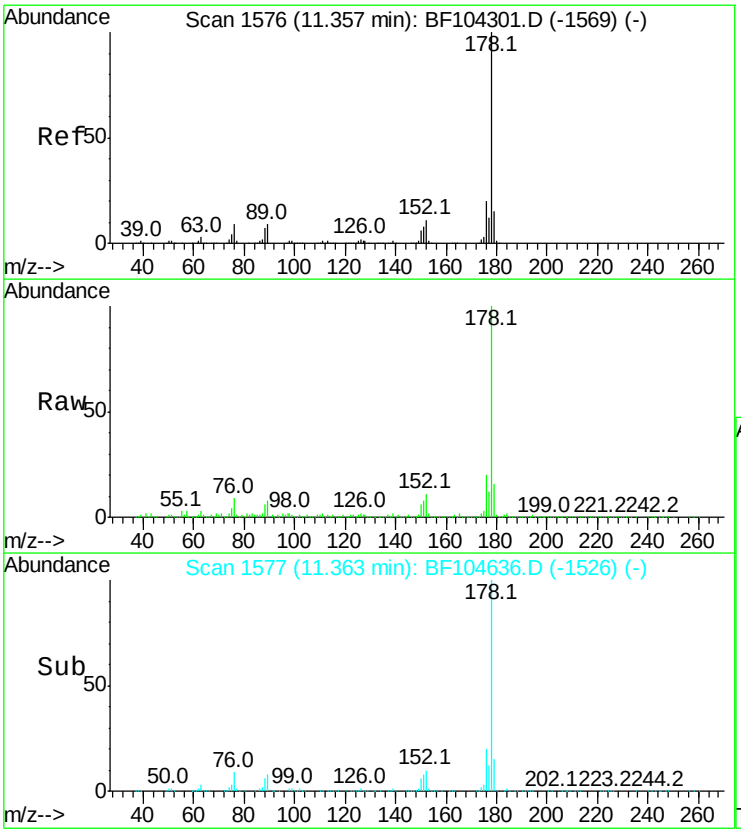
#64
4,6-Dinitro-2-methylphenol
Concen: 7.458 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 273

Ion	Ratio	Lower	Upper
198	100		
51	446.5	37.7	77.7#
105	1353.5	36.3	76.3#

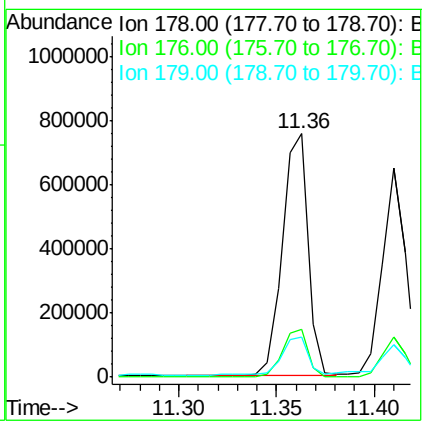


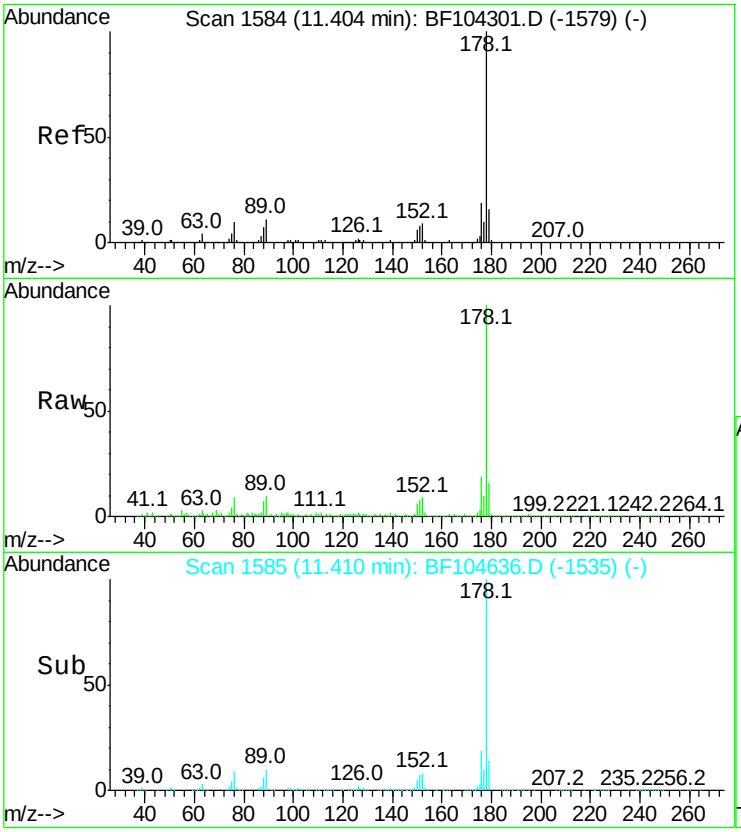


#70
Phenanthrene
Concen: 28.825 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:178 Resp: 686685

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.3	13.0	19.6



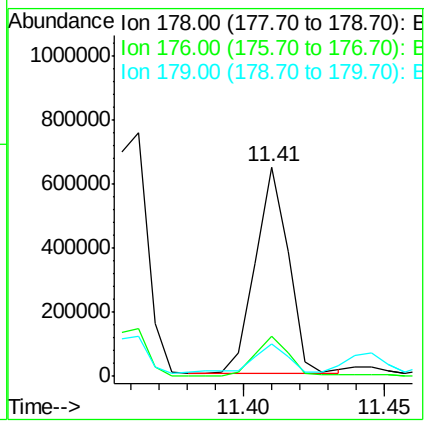


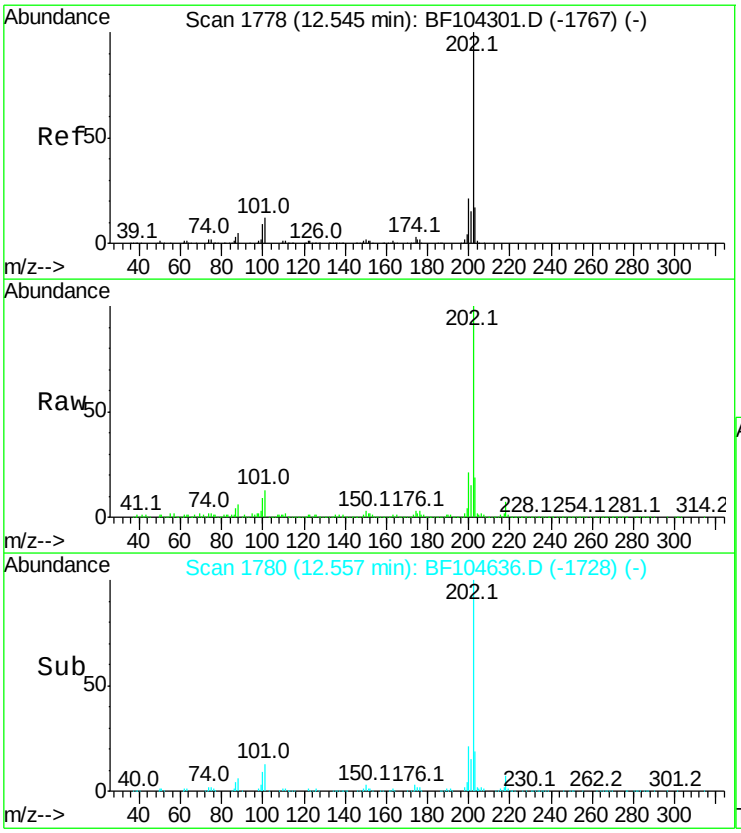
#71
Anthracene
Concen: 21.782 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 527464

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

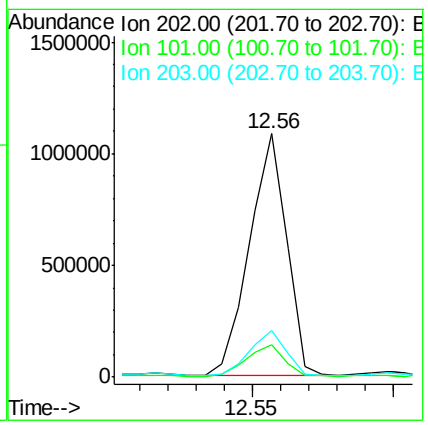


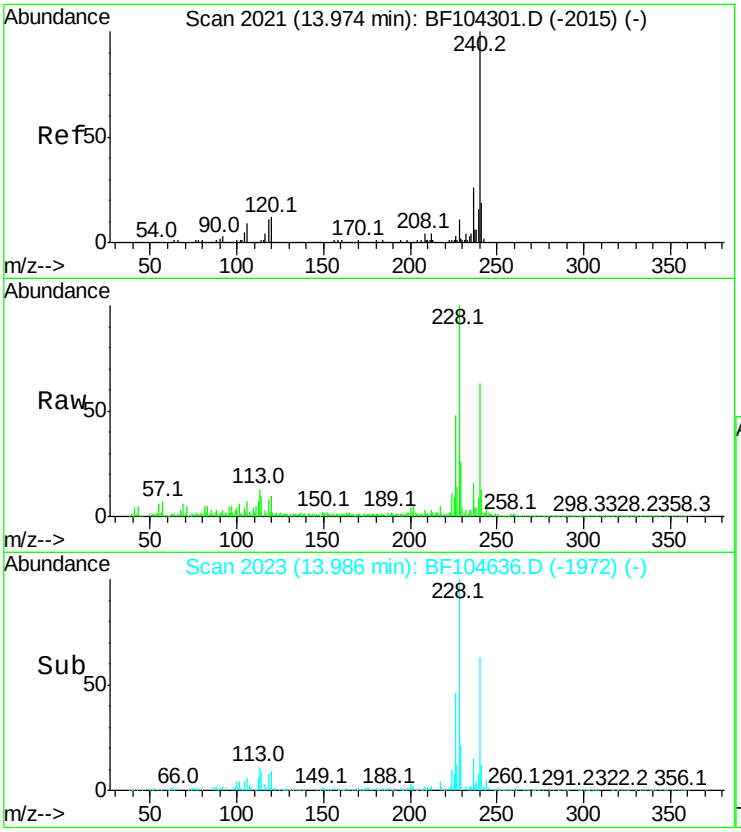


#74
Fluoranthene
Concen: 39.572 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:202 Resp: 984944

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.9	0.0	38.1



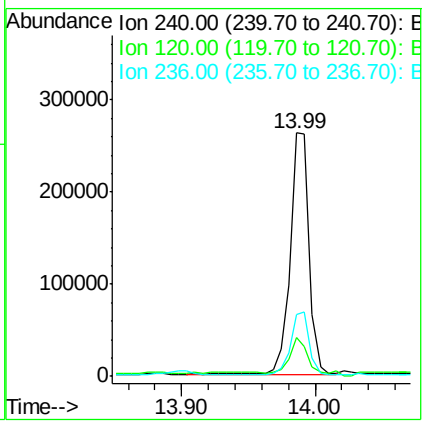


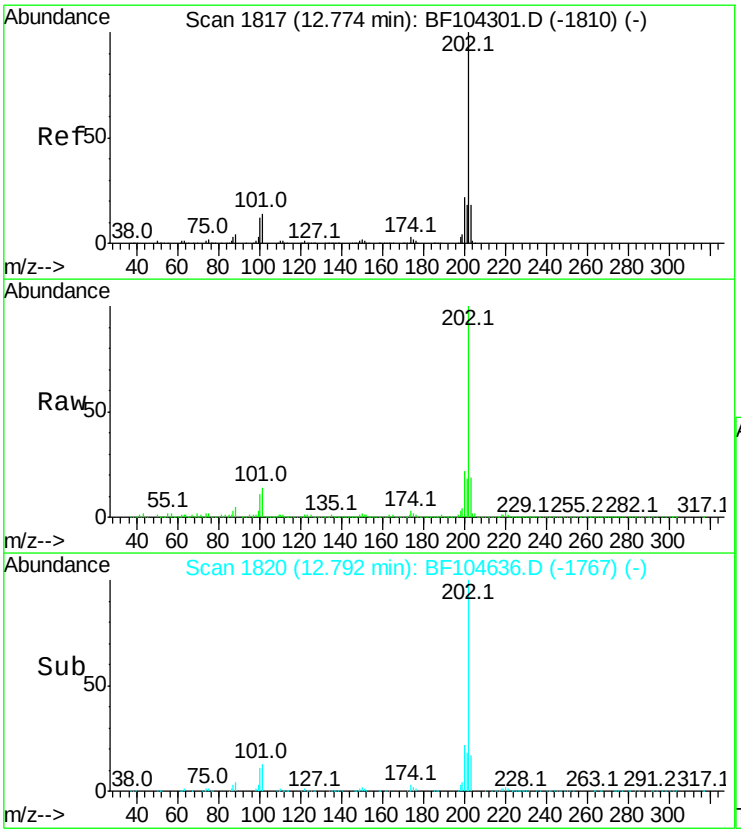
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 262955

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.6	20.7	31.1

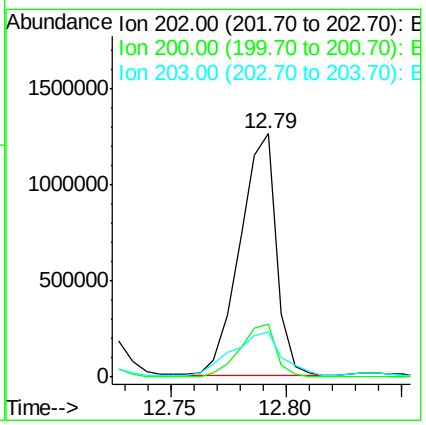


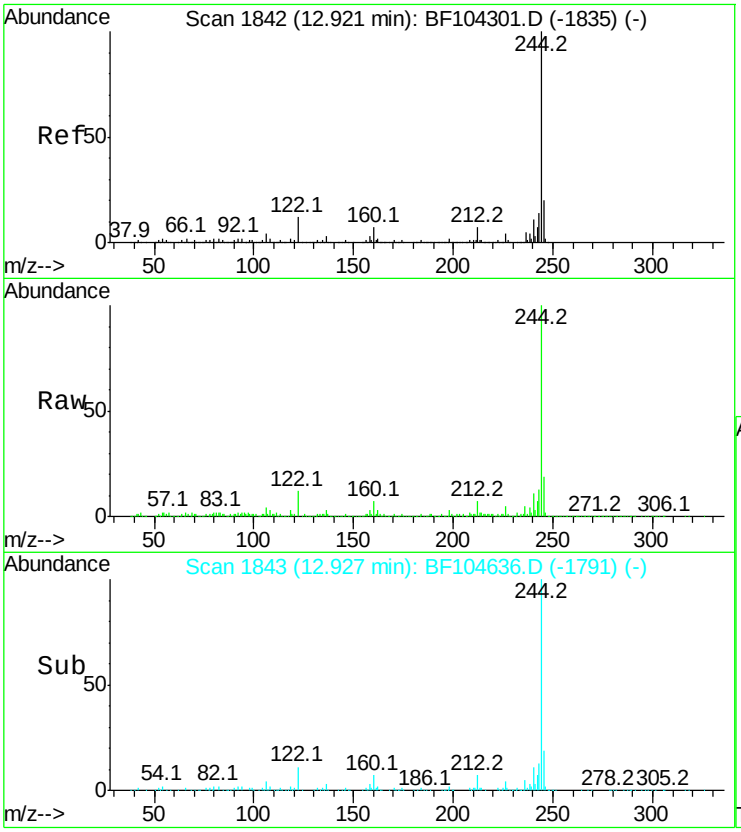


#77
Pyrene
Concen: 70.829 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:202 Resp: 1380532

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5



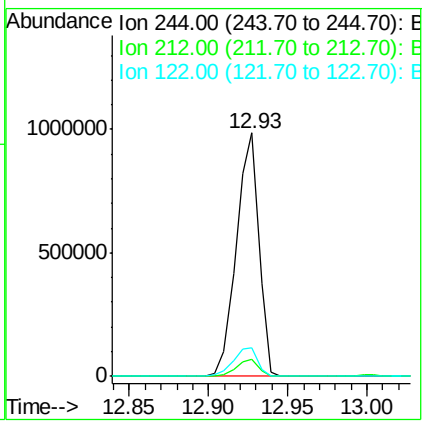


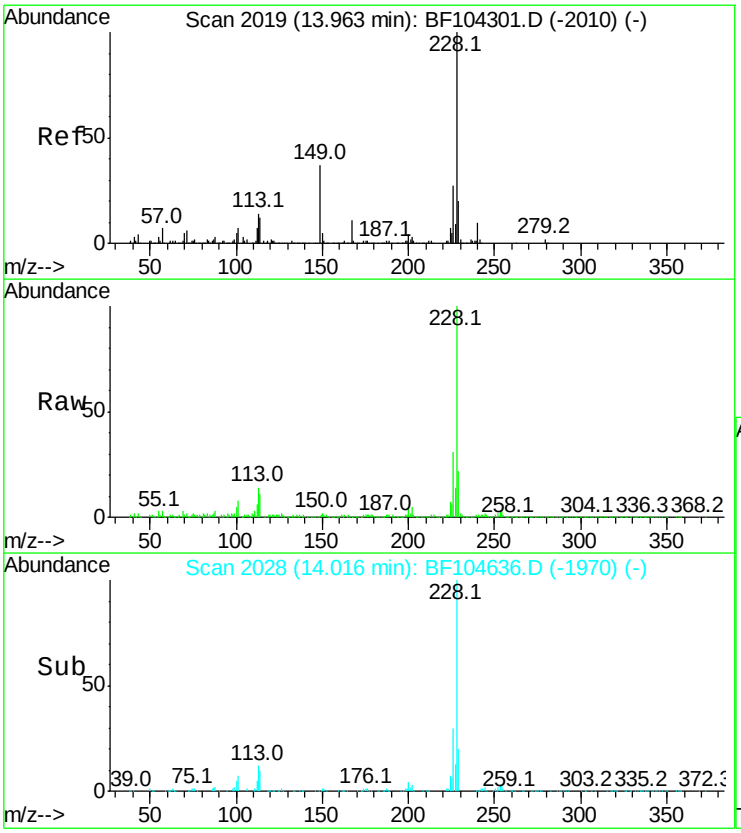
#78
Terphenyl-d14
Concen: 83.552 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 963688

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4

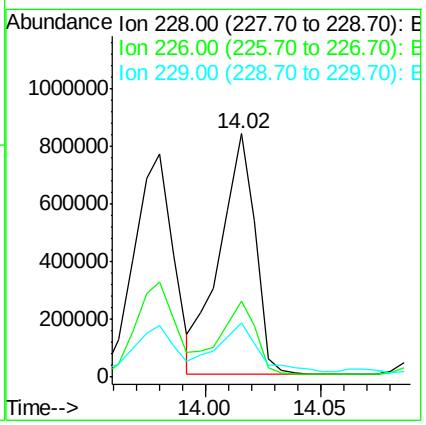


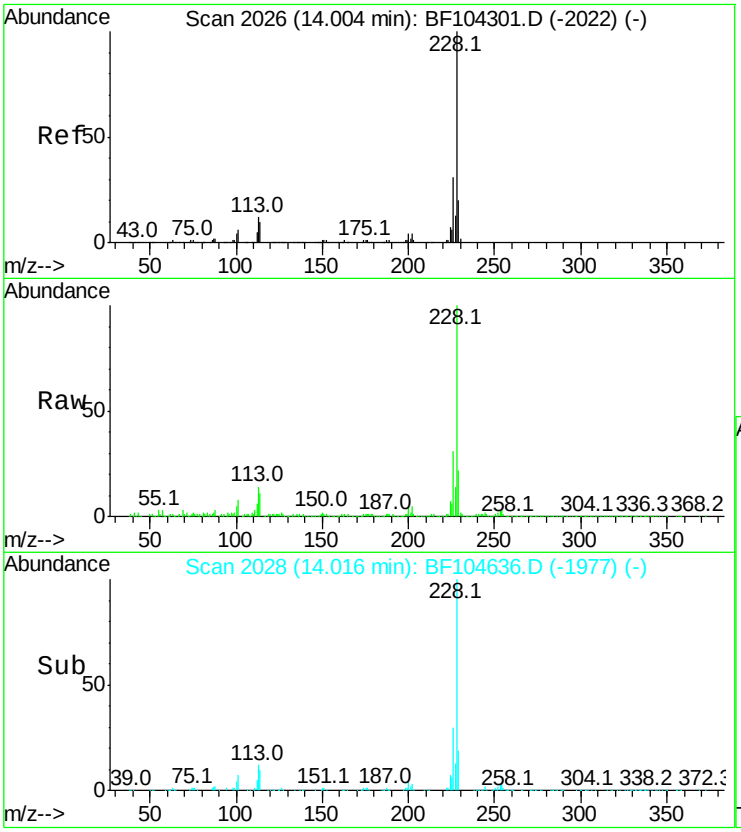


#80
Benzo(a)anthracene
Concen: 56.834 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.04 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:228 Resp: 892812

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.0	15.8	23.6



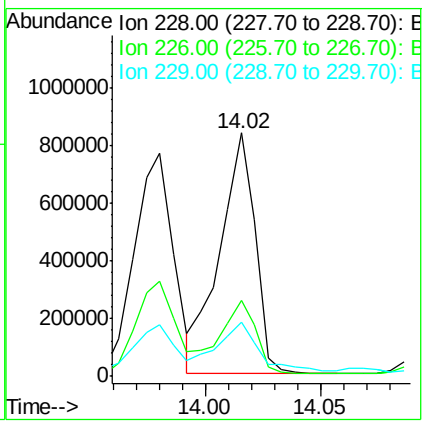


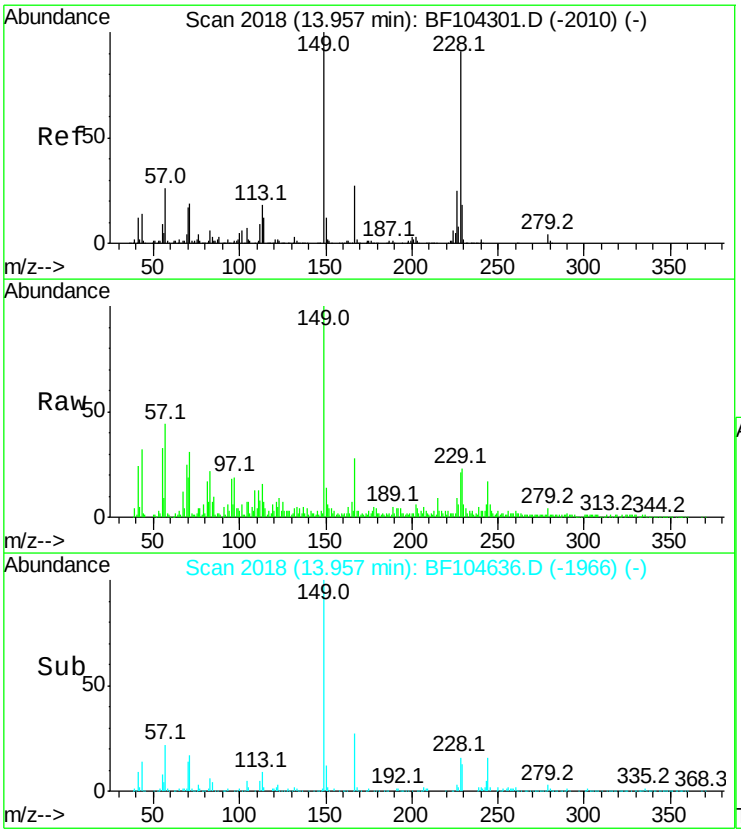
#82
Chrysene
Concen: 55.331 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 892812

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.0	16.2	24.4

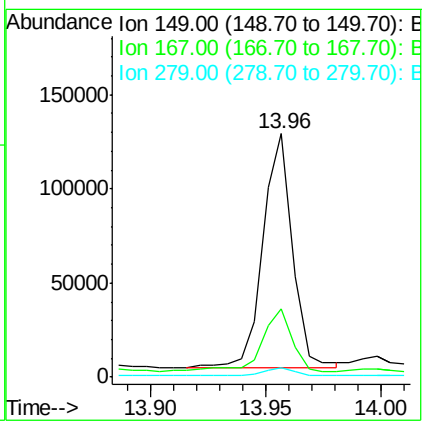


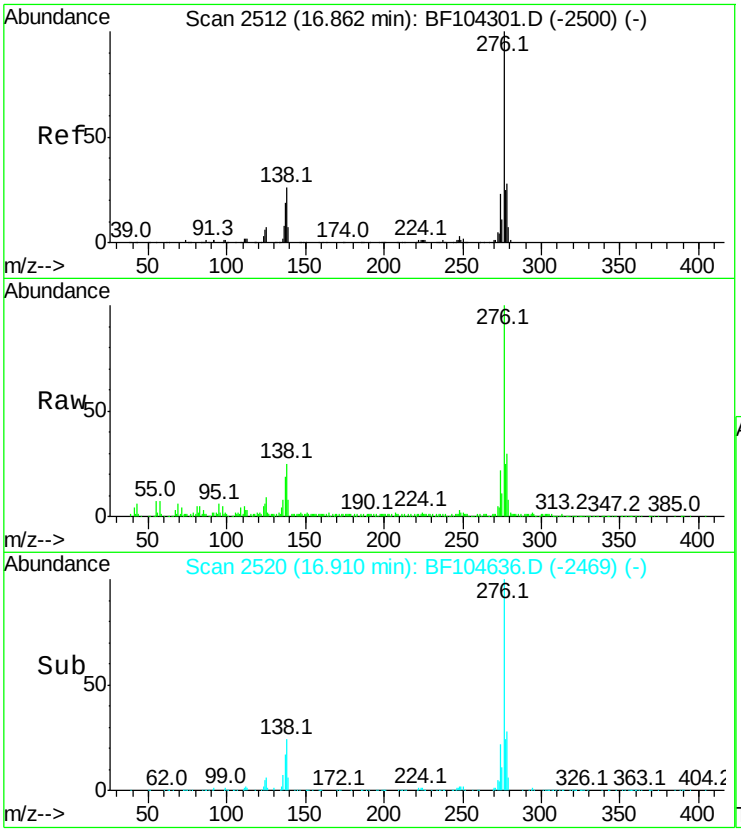


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.389 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:149 Resp: 110894

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	3.9	3.0	4.4



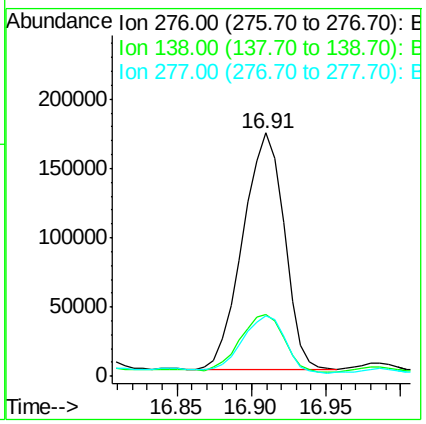


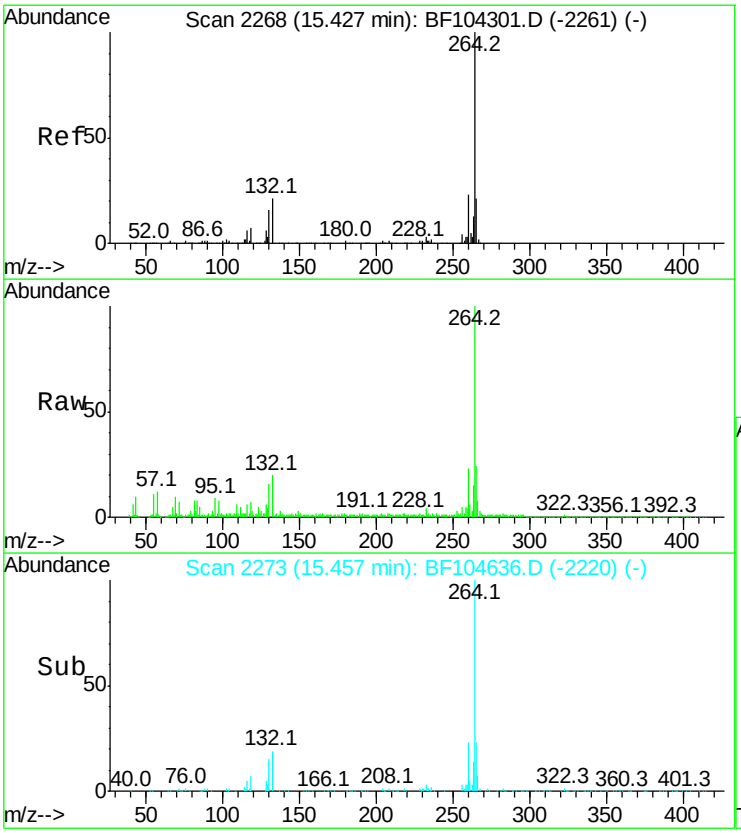
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.100 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 330343

Ion	Ratio	Lower	Upper
276	100		
138	25.3	25.0	37.6
277	25.5	20.1	30.1

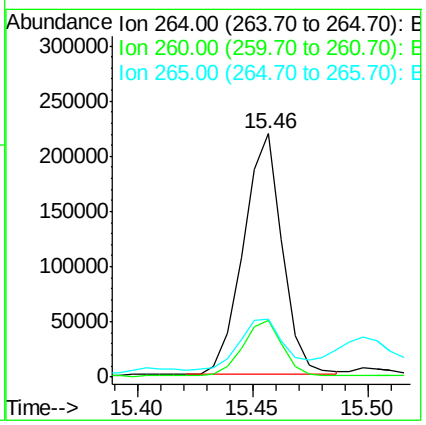


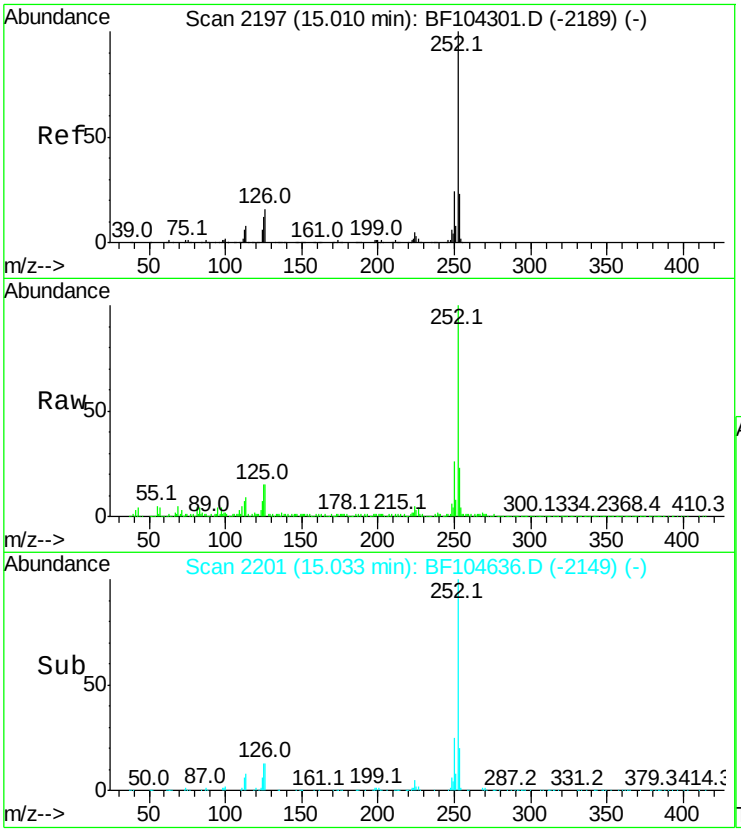


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:264 Resp: 256614

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.8	17.5	26.3



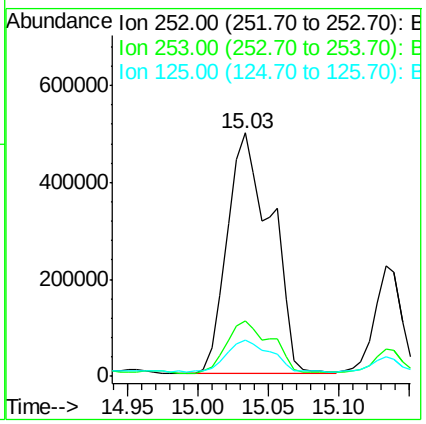


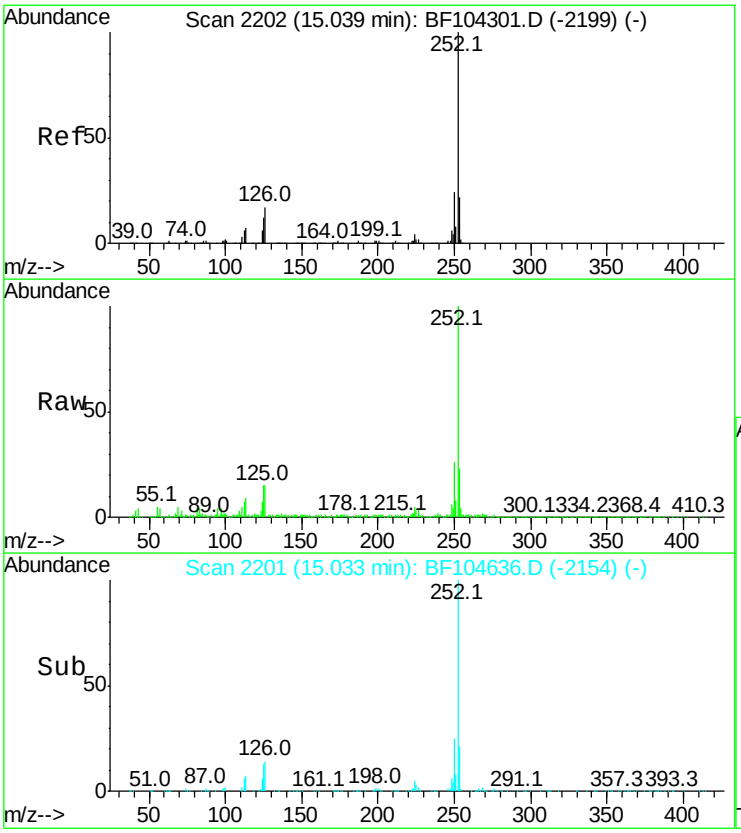
#87
Benzo(b)fluoranthene
Concen: 66.400 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1076169

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	14.7	9.0	13.6#

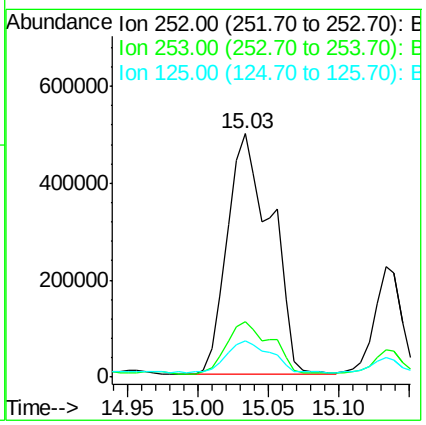


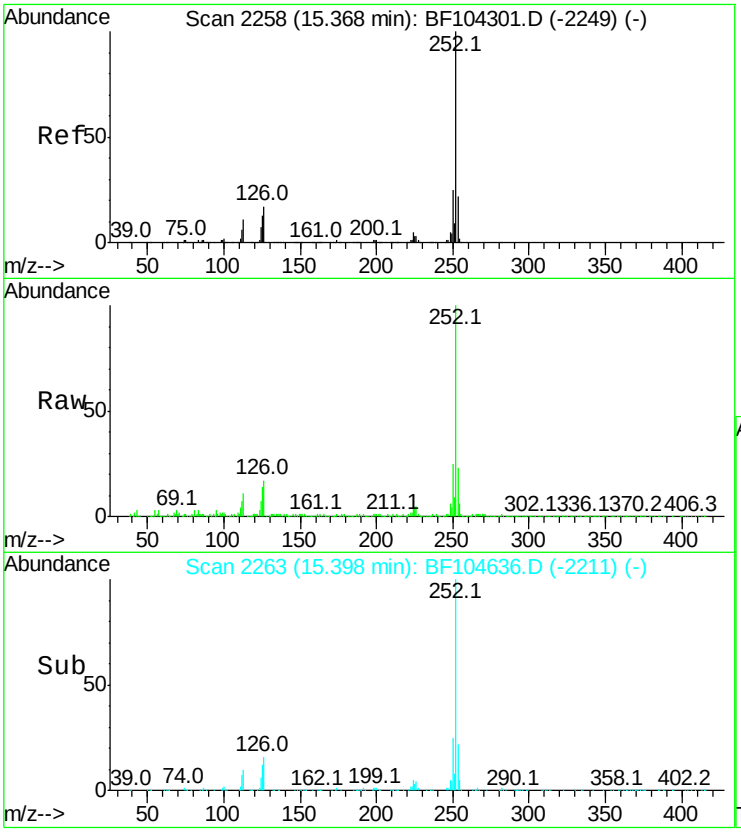


#88
Benzo(k)fluoranthene
Concen: 70.333 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:252 Resp: 1076169

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.7	10.2	15.2



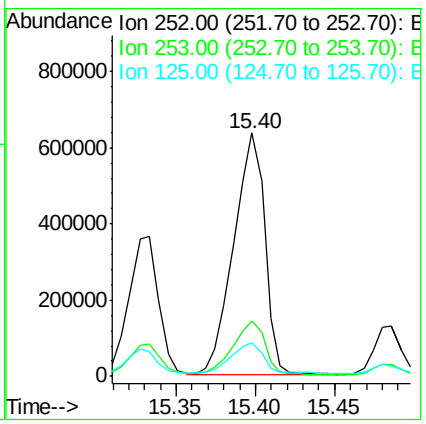


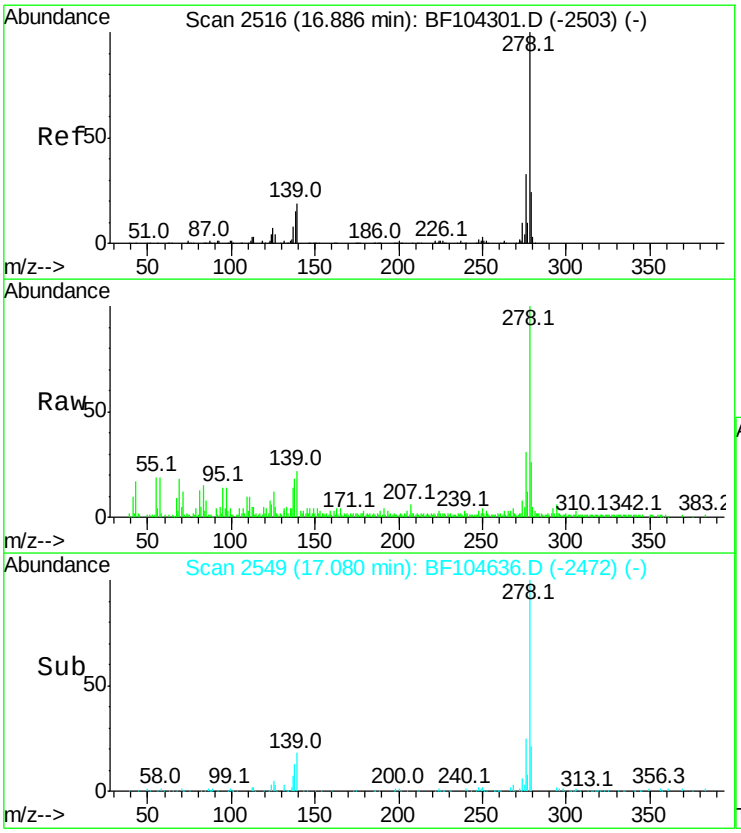
#89
Benzo(a)pyrene
Concen: 59.308 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 860052

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.8	9.8	14.6

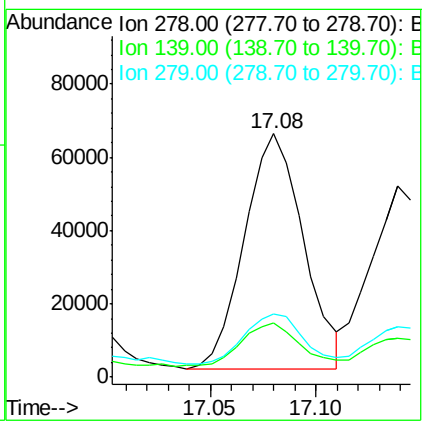


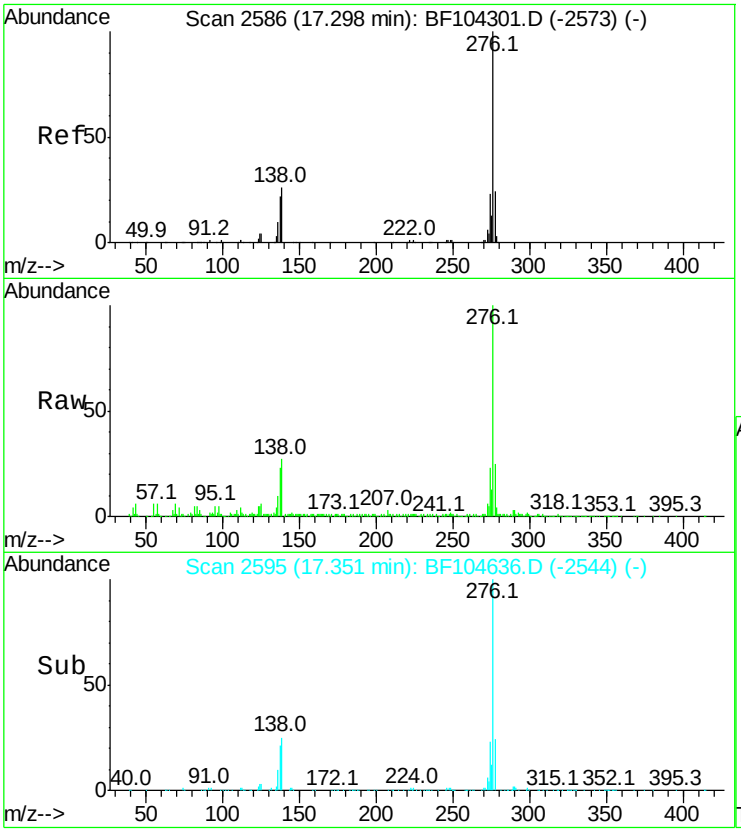


#90
Dibenzo(a,h)anthracene
Concen: 10.470 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.15 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Tgt Ion:278 Resp: 124702

Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	26.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 29.195 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BF104636.D
Acq: 19 Apr 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 336881

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	26.6	21.8	32.8