Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-EW-3-4-10

Quant Time: Dec 27 04:59:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139950	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	493525	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	189188	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	306127	20.00	ng		0.00
75) Chrysene-d12	13.99	240	201888	20.00	ng		0.02
86) Perylene-d12	15.49	264	193672	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	911225	96.99	ng		0.01
7) Phenol-d6	6.43	99	1060042	90.66	ng		0.00
23) Nitrobenzene-d5	7.36	82	622633	70.23	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	170182	93.35	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	848810	69.60	ng		0.00
78) Terphenyl-d14	12.91	244	599602	71.60	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	44636	3.349	ng	#	58
25) Isophorone	7.36	82	622633	35.008	ng	#	64
31) Naphthalene	8.09	128	140443	5.653	ng		99
32) Benzoic acid	7.92	122	648	8.073	ng	#	26
37) 2-Methylnaphthalene	8.79	142	70258	4.340	ng		97
49) Dimethylphthalate	9.55	163	49499	3.253	ng	#	97
51) Acenaphthene	9.86	154	45209	3.711	ng		99
53) 2,4-Dinitrophenol	10.19	184	301	10.564	ng		93
54) Dibenzofuran	10.04	168	53507	3.456	ng		98
57) Fluorene	10.38	166	74085	5.657	ng		98
69) Pentachlorophenol	11.33	266	257	6.723	ng	#	1
70) Phenanthrene	11.34	178	459376	26.984	ng		99
71) Anthracene	11.34	178	459376	26.416	ng		98
72) Carbazole	11.56	167	42652	2.620	ng	#	82
74) Fluoranthene	12.55	202	428843	23.999	ng		95
77) Pyrene	12.78	202	388050	25.611	ng		98
80) Benzo(a)anthracene	13.98	228	169145	12.688	ng	#	93
82) Chrysene	14.02	228	164372	13.059	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.97	276	83724	7.470	ng	#	91
87) Benzo(b)fluoranthene	15.05	252	214266	18.151	ng	#	71
88) Benzo(k)fluoranthene	15.05	252	214266	18.668	ng	#	74
89) Benzo(a)pyrene	15.43	252	116880	10.740	ng	#	66
90) Dibenzo(a,h)anthracene	16.96	278	22065	2.362	ng	#	20
91) Benzo(g,h,i)perylene	17.43	276	82706	8.939	ng	#	91

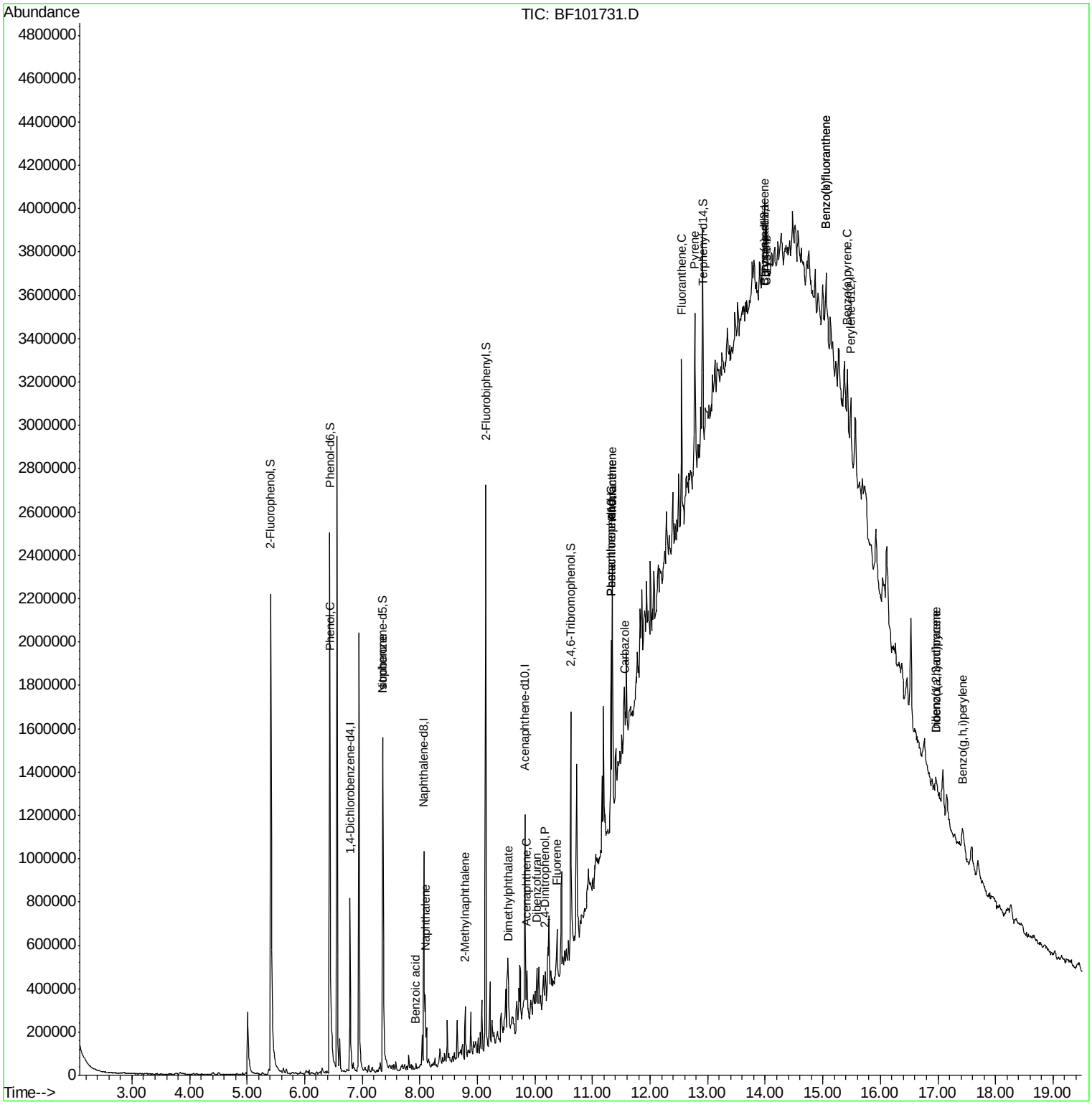
(#) = qualifier out of range (m) = manual integration (+) = signals summed

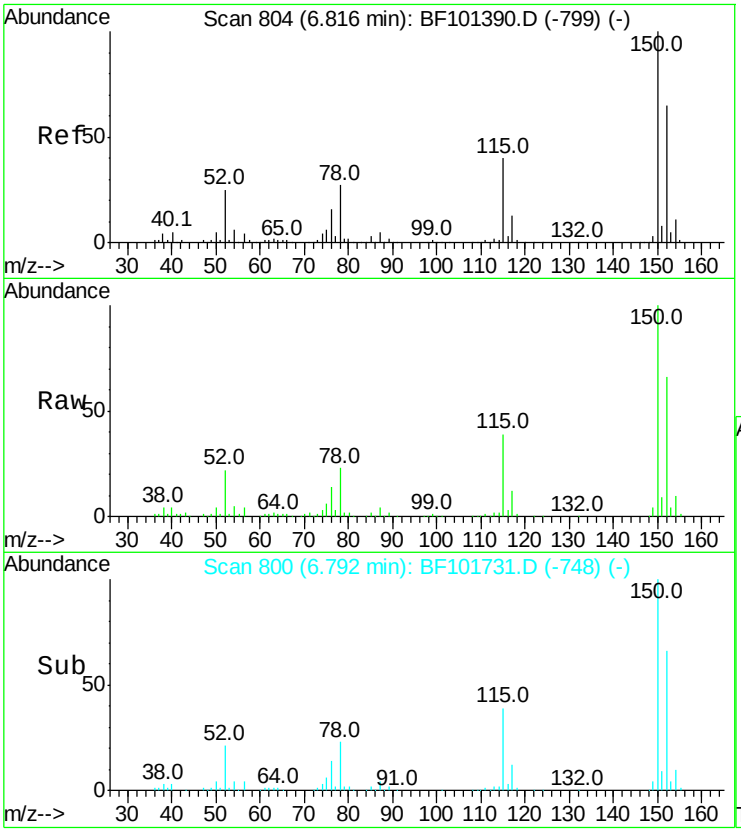
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Quant Time: Dec 27 04:59:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



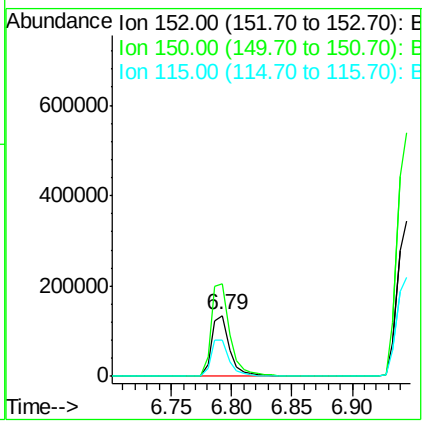


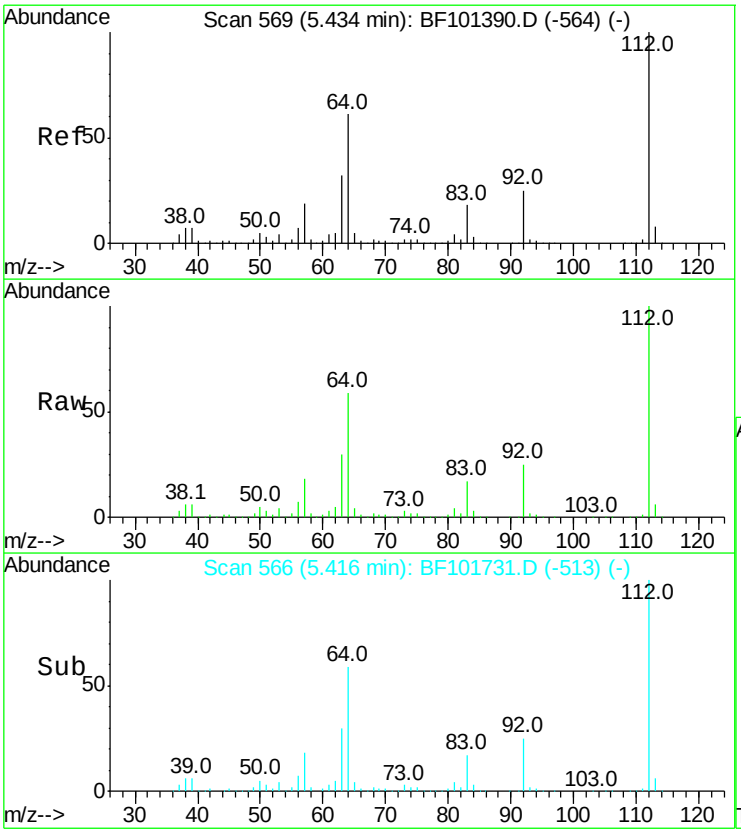
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:152 Resp: 139950

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.6	186.8
115	58.5	50.1	75.1

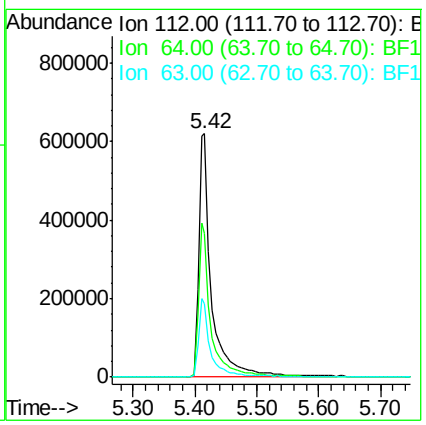


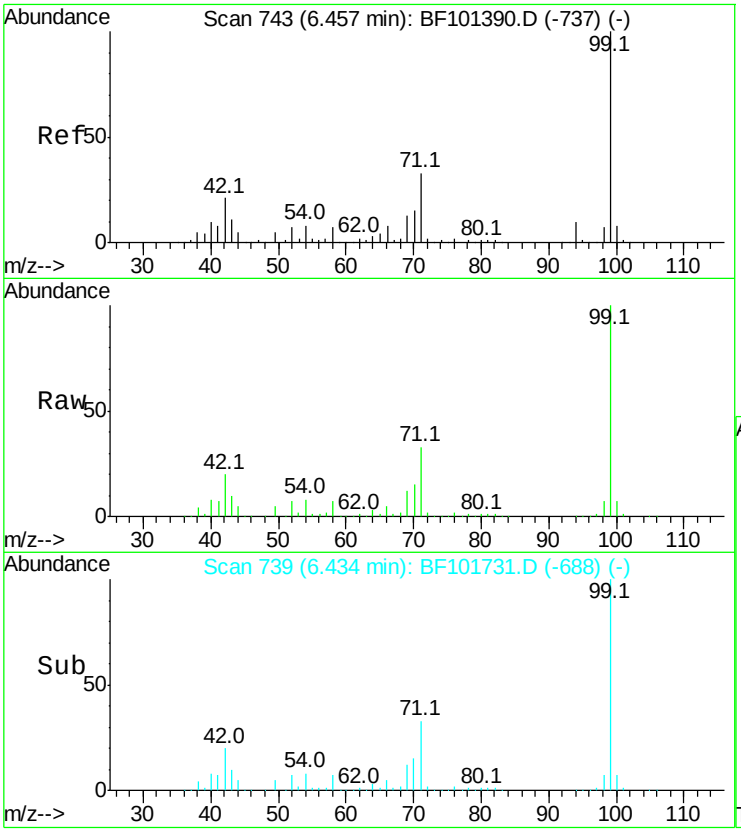


#5
2-Fluorophenol
Concen: 96.988 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:112 Resp: 911225

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.3	23.7	35.5



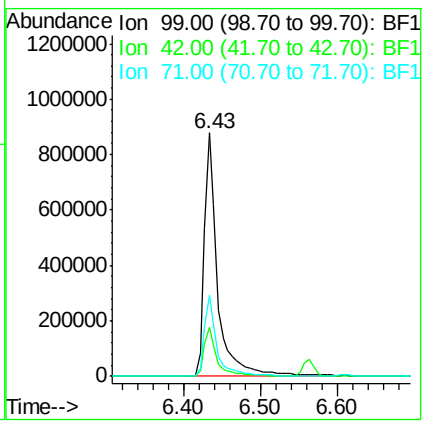


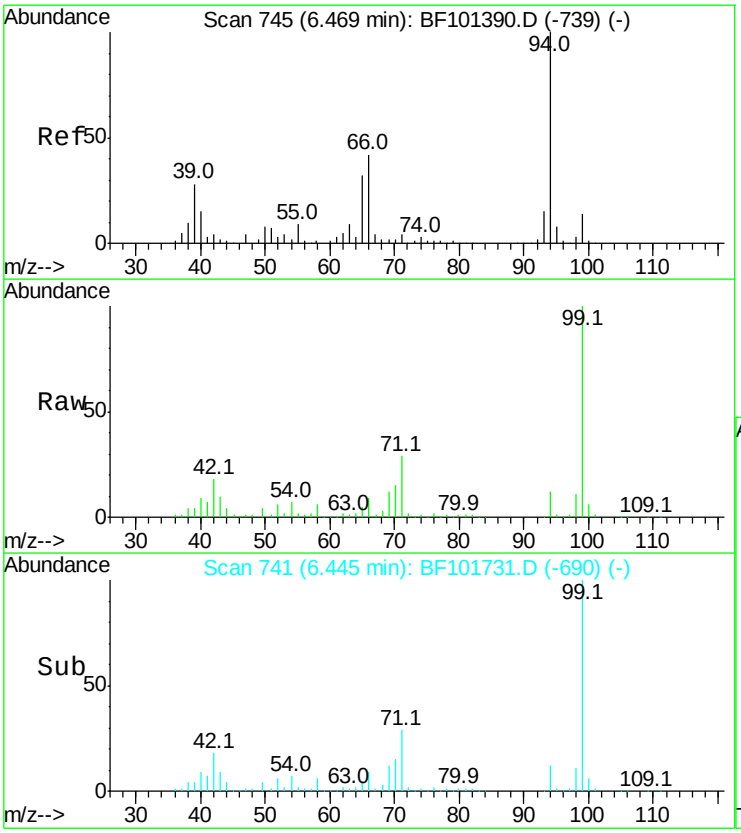
#7
Phenol-d6
Concen: 90.658 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion: 99 Resp: 1060042

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.2	25.4	38.0

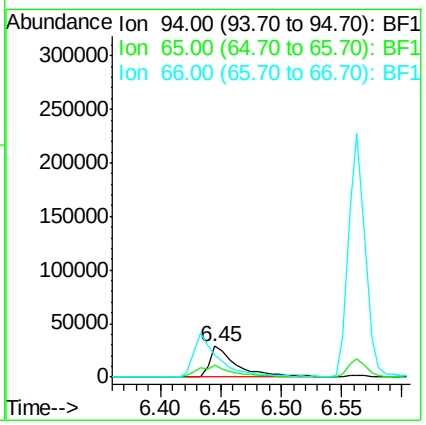


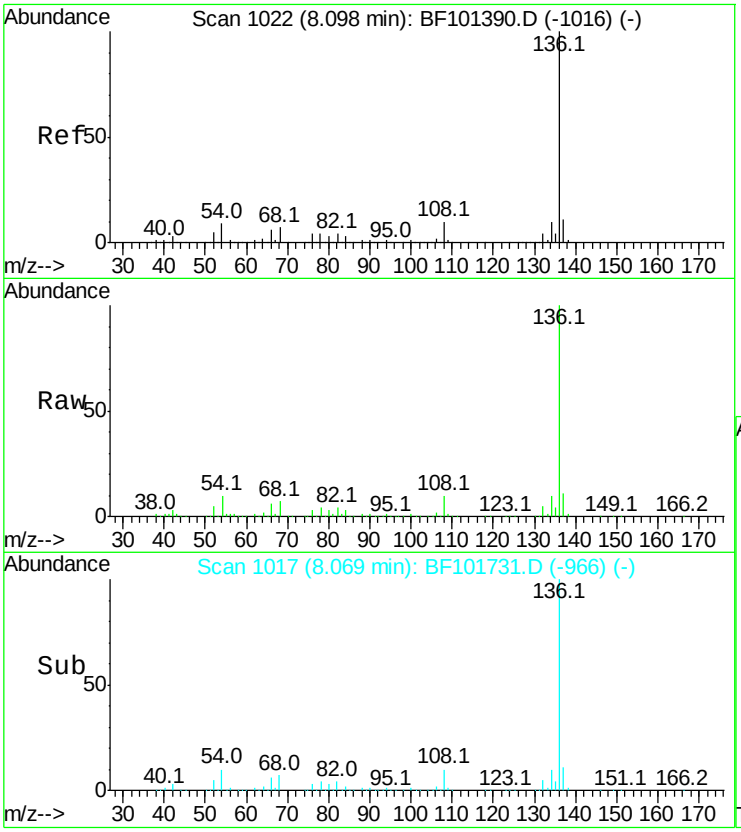


#10
Phenol
Concen: 3.349 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion: 94 Resp: 44636

Ion	Ratio	Lower	Upper
94	100		
65	39.0	7.9	47.9
66	70.8	16.2	56.2#



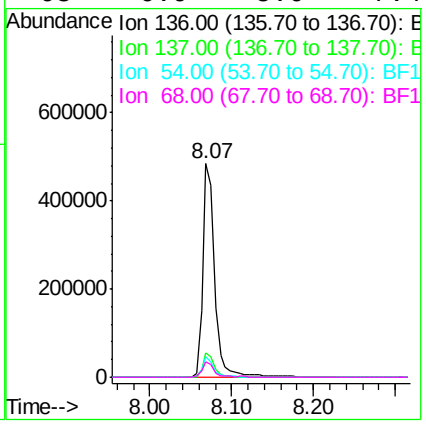


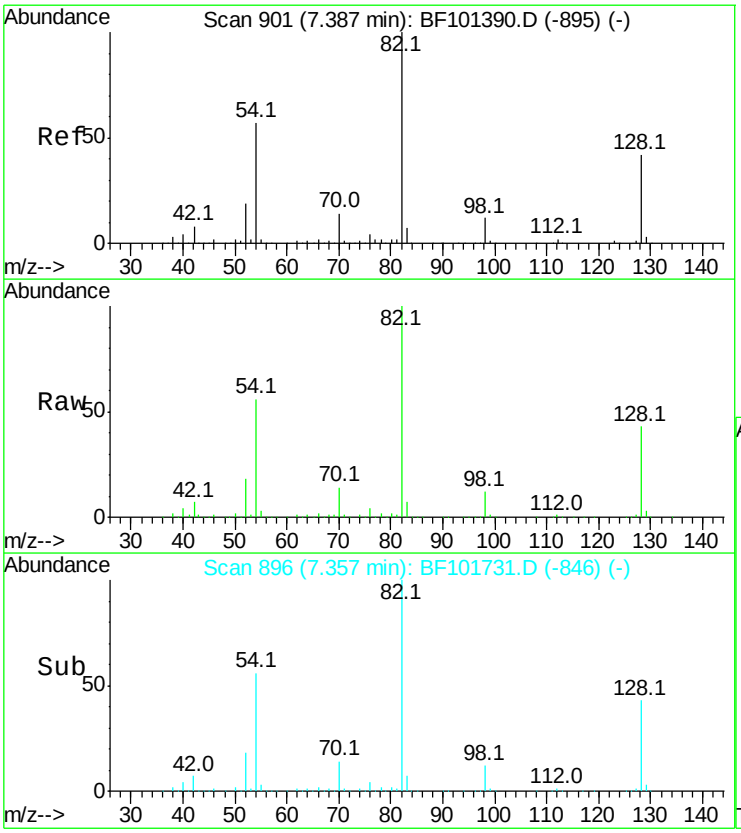
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:136 Resp: 493525

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	6.9	5.0	7.4

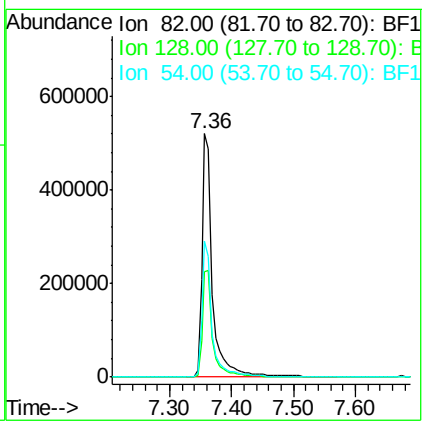


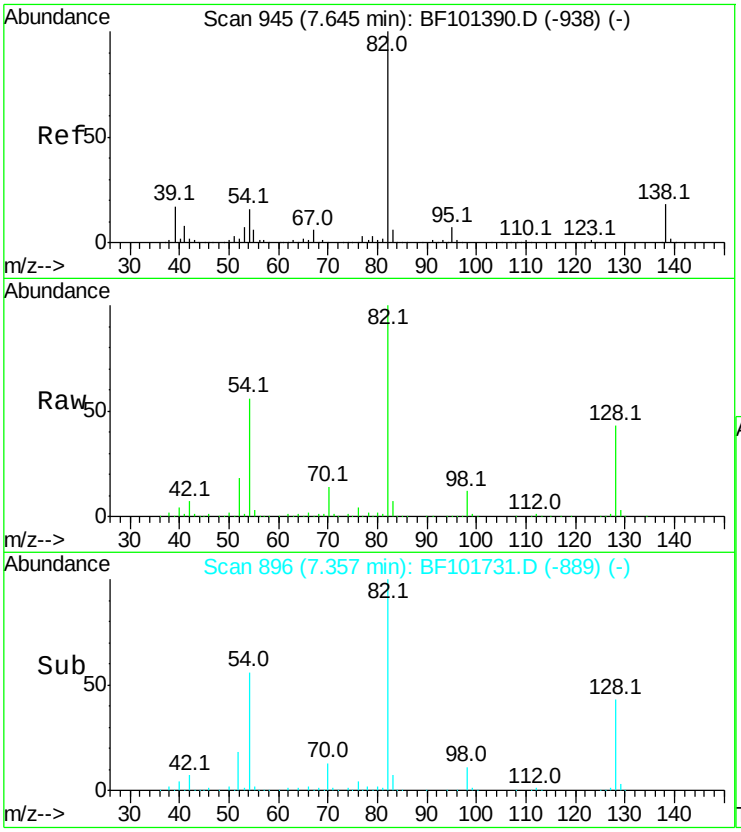


#23
Nitrobenzene-d5
Concen: 70.228 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion: 82 Resp: 622633

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	55.8	41.4	62.2



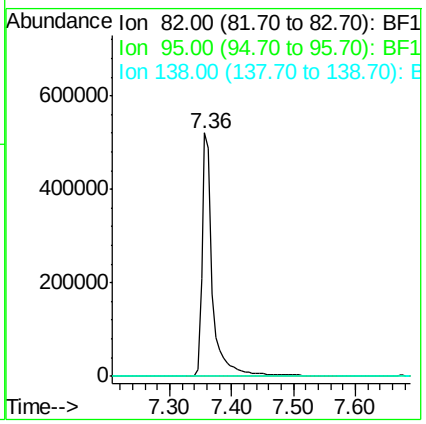


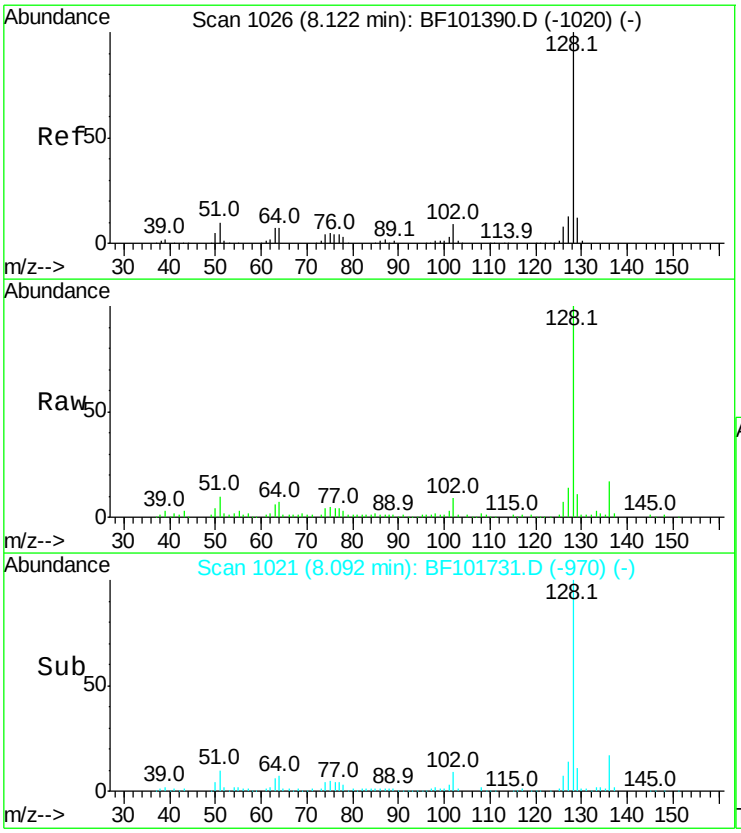
#25
Isophorone
Concen: 35.008 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion: 82 Resp: 622633

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

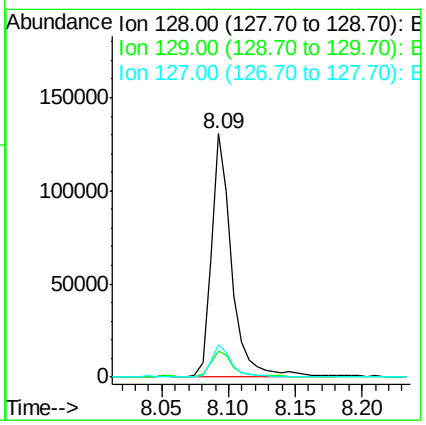


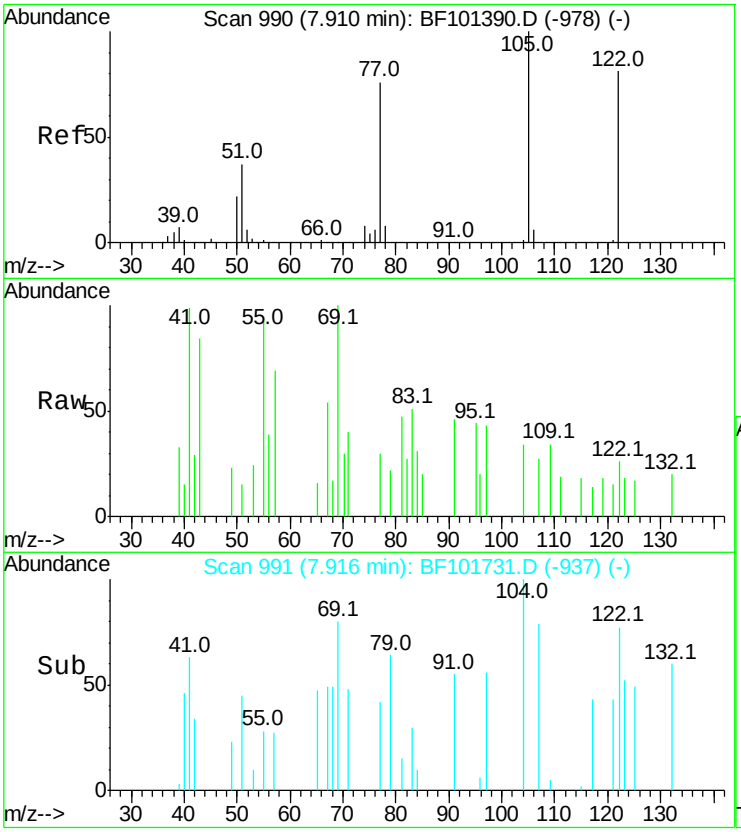


#31
Naphthalene
Concen: 5.653 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:128 Resp: 140443

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.6	10.9	16.3



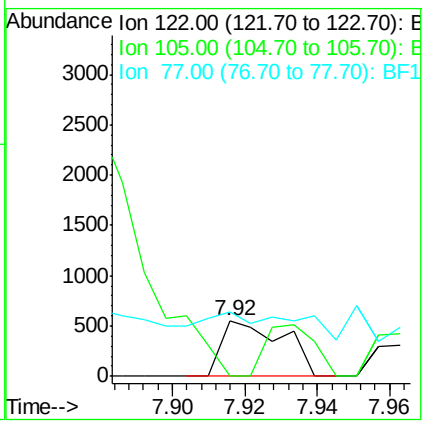


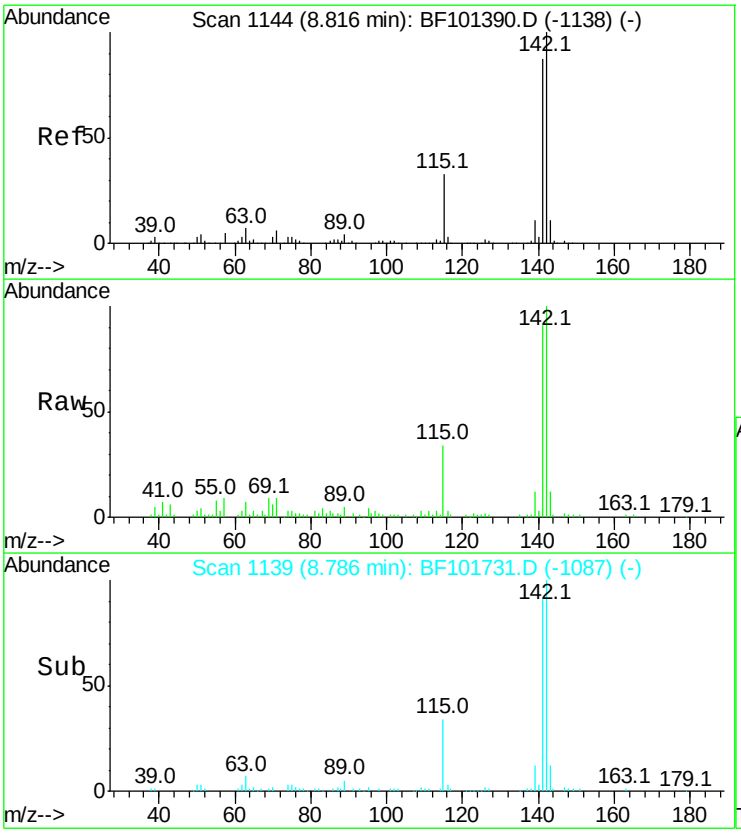
#32
Benzoic acid
Concen: 8.073 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:122 Resp: 648

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	116.2	70.7	110.7#

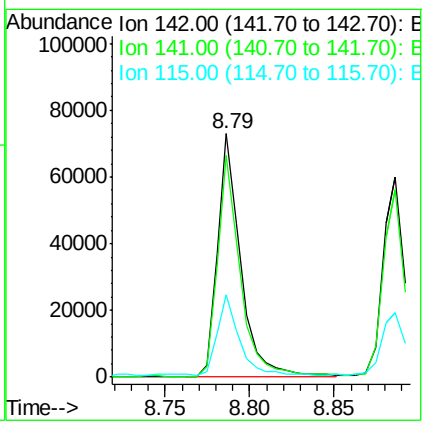


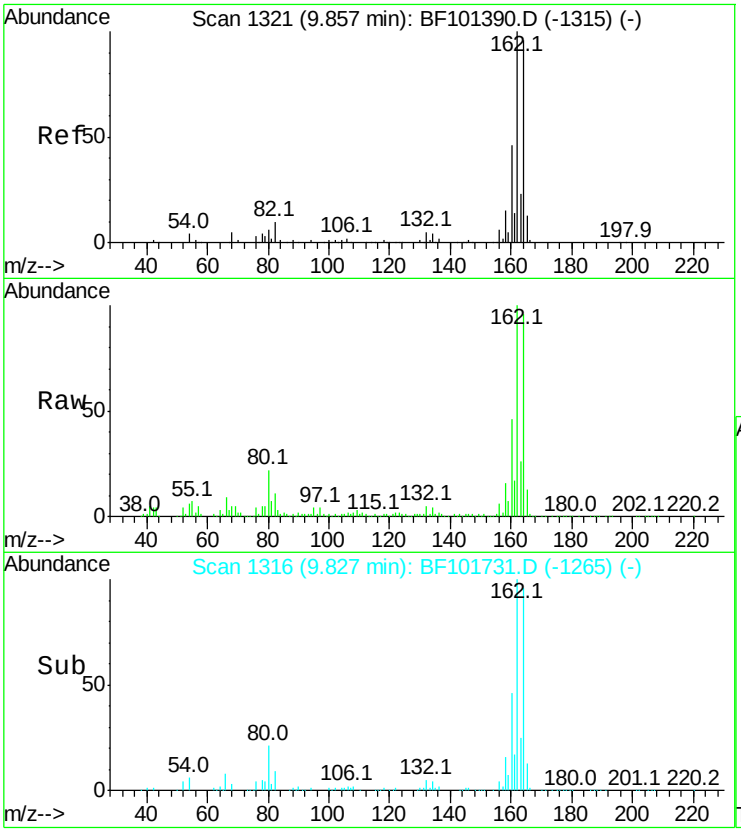


#37
2-Methylnaphthalene
Concen: 4.340 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:142 Resp: 70258

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	34.0	26.1	39.1



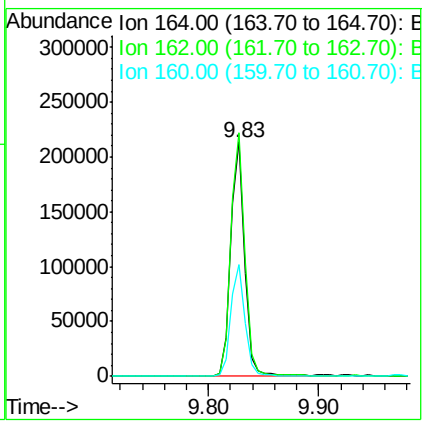


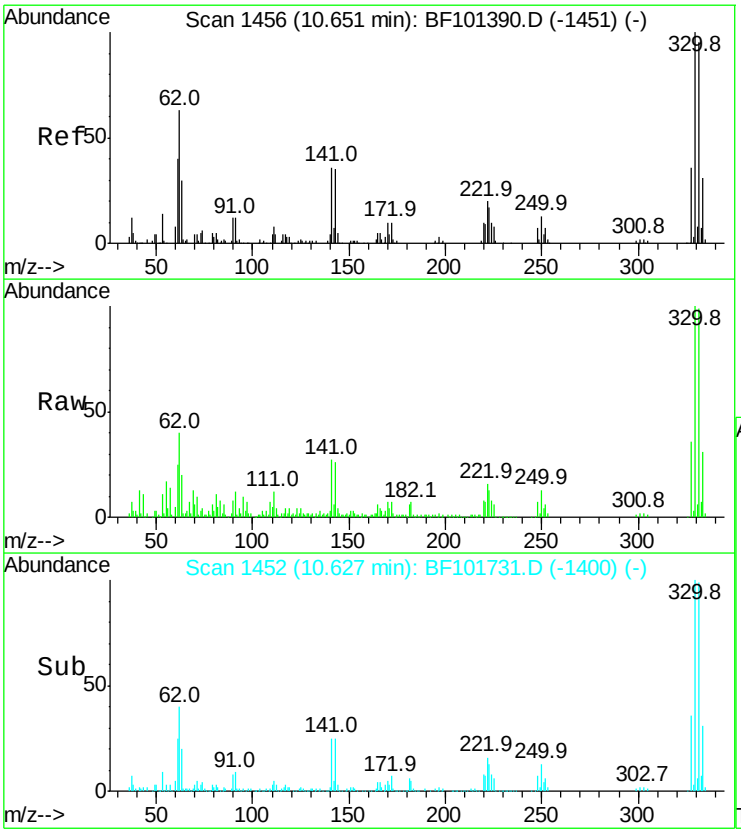
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:164 Resp: 189188

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5

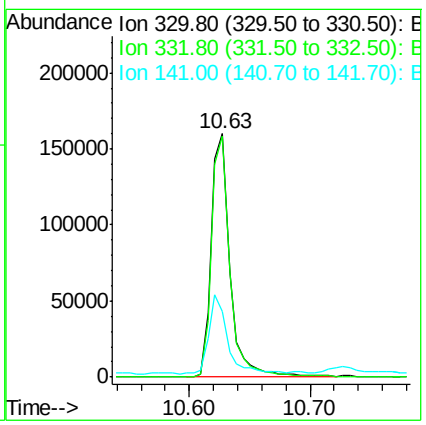


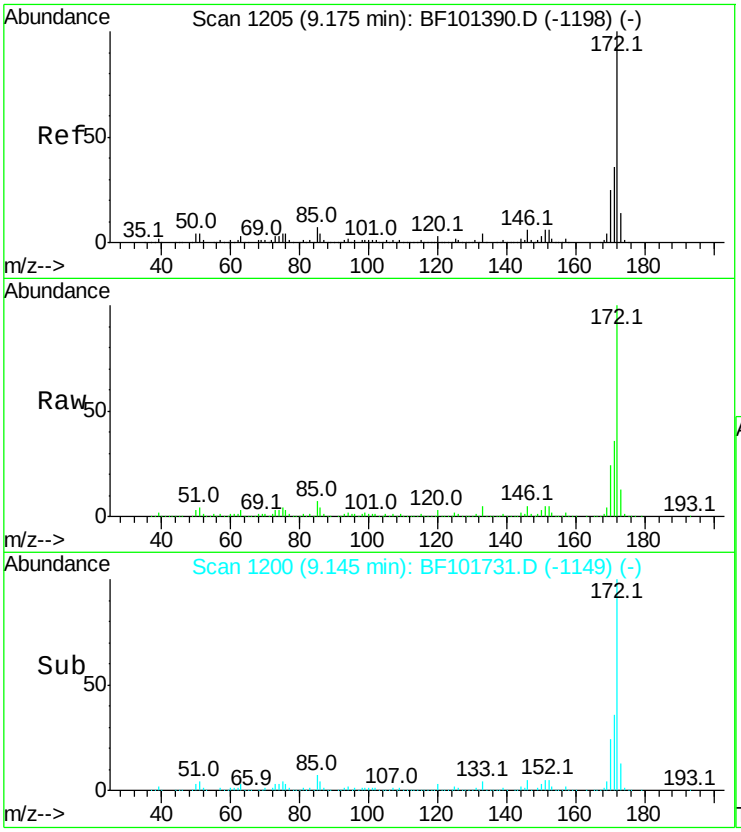


#41
2,4,6-Tribromophenol
Concen: 93.354 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:330 Resp: 170182

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.6	29.9	44.9



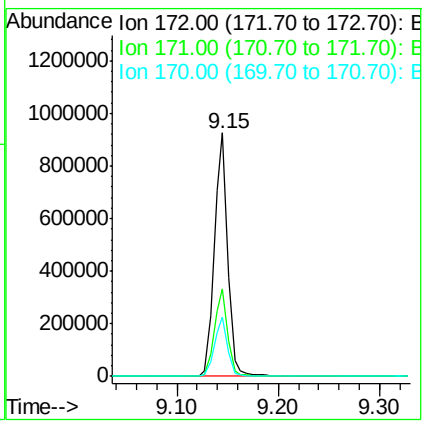


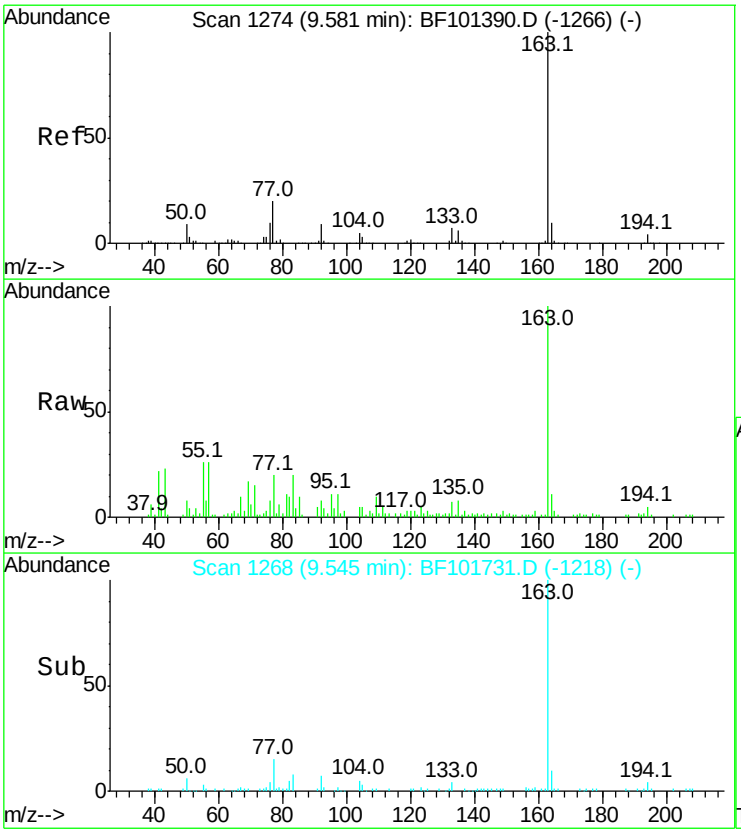
#44
2-Fluorobiphenyl
Concen: 69.598 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument : BNA_F
ClientSampleId : DB-EW-3-4-10

Tgt Ion:172 Resp: 848810

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

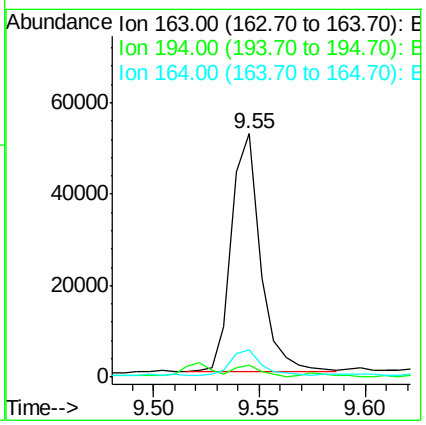


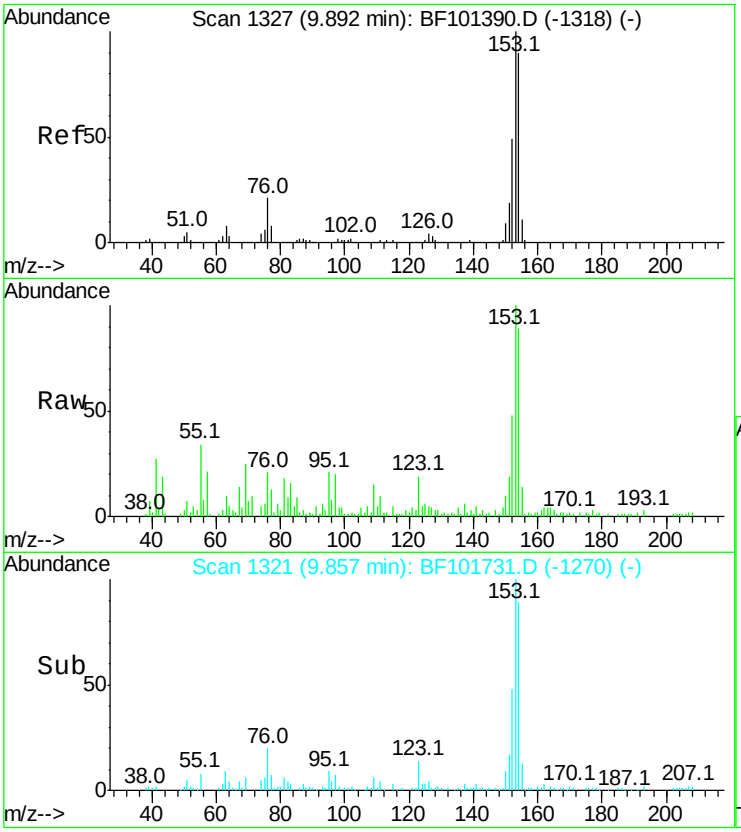


#49
Dimethylphthalate
Concen: 3.253 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:163 Resp: 49499

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	11.0	8.2	12.2



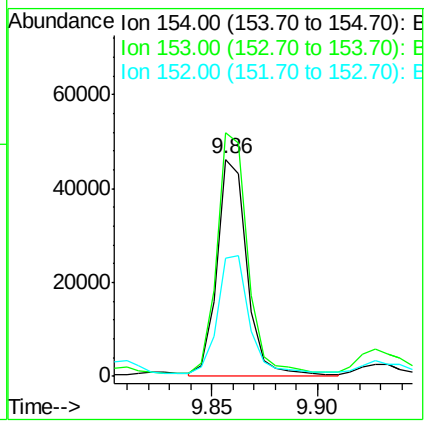


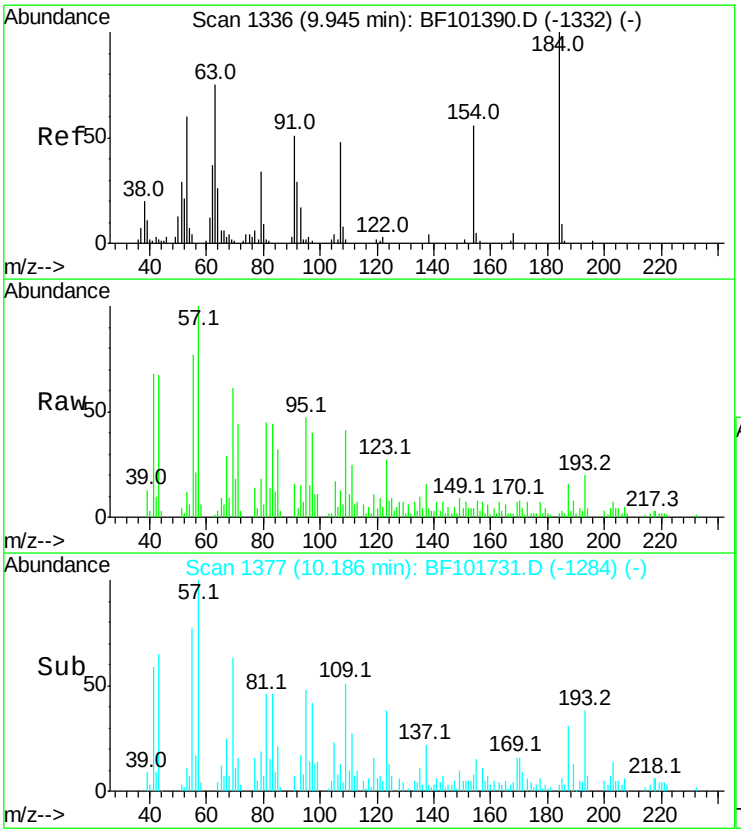
#51
Acenaphthene
Concen: 3.711 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:154 Resp: 45209

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	54.2	43.8	65.8

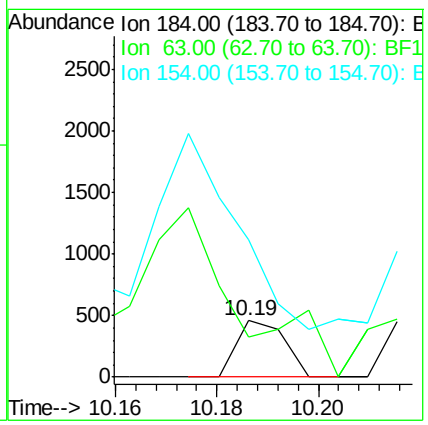


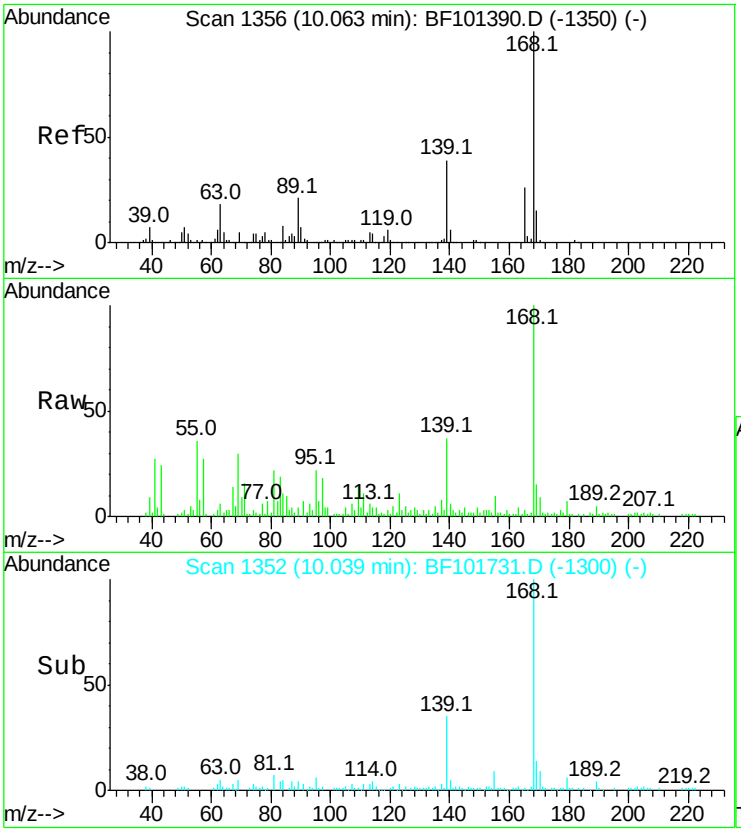


#53
2,4-Dinitrophenol
Concen: 10.564 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.25 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:184 Resp: 301

Ion	Ratio	Lower	Upper
184	100		
63	70.7	54.2	81.2
154	243.5	184.0	276.0



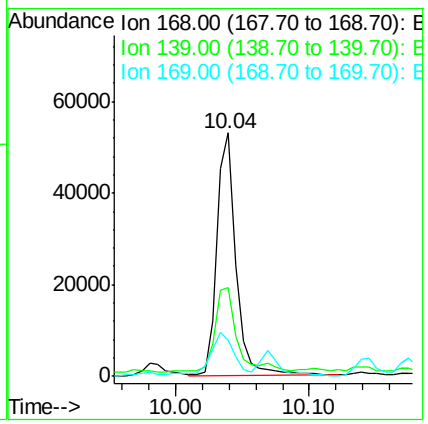


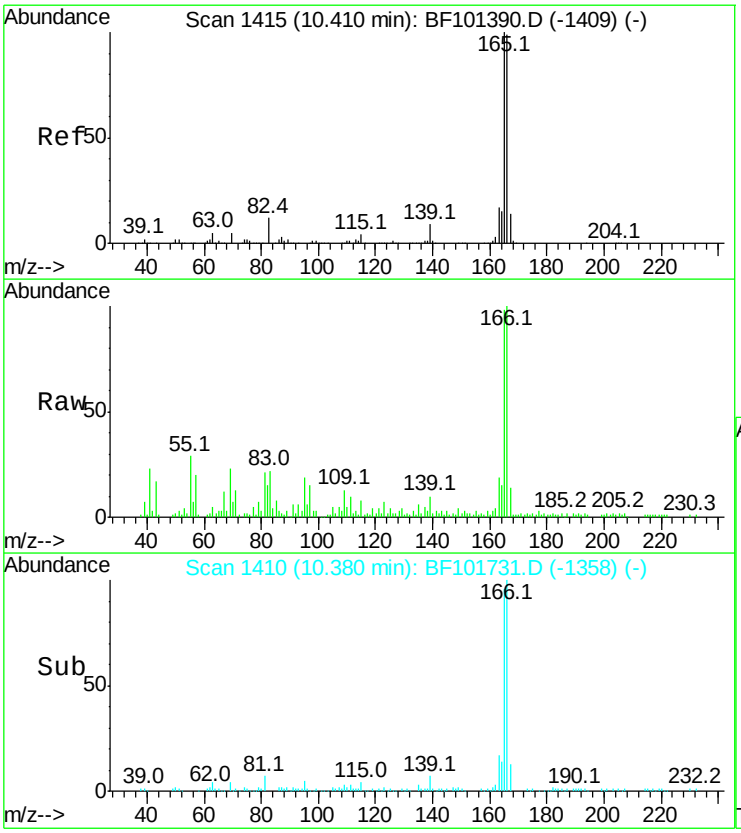
#54
Dibenzofuran
Concen: 3.456 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:168 Resp: 53507

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.7	10.9	16.3

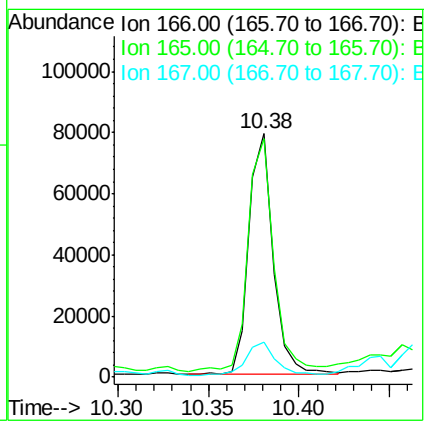


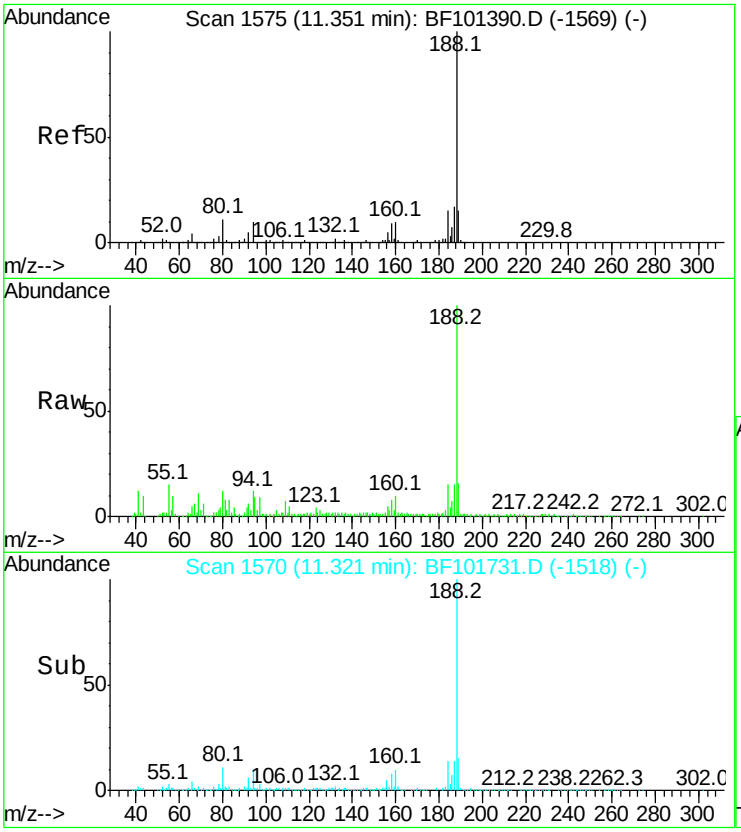


#57
Fluorene
Concen: 5.657 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:166 Resp: 74085

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	14.5	10.6	16.0



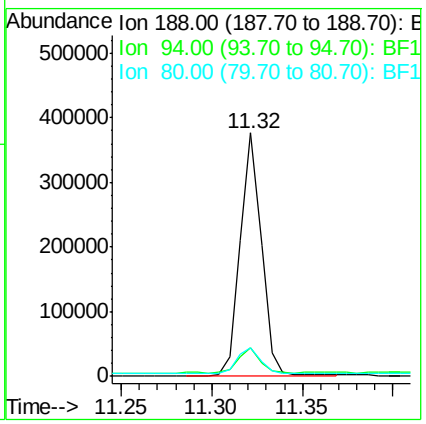


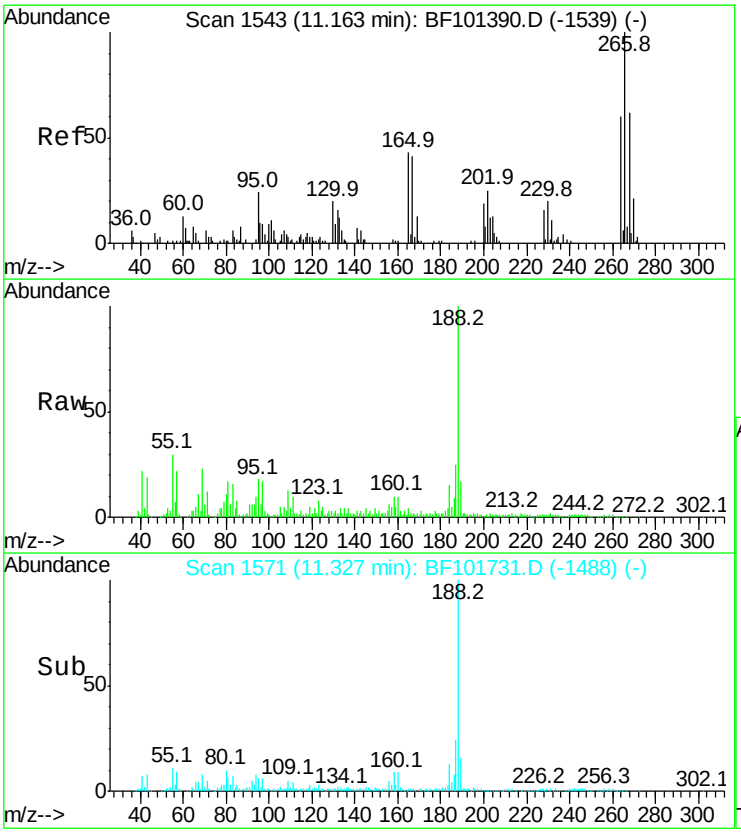
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:188 Resp: 306127

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.0	9.2	13.8

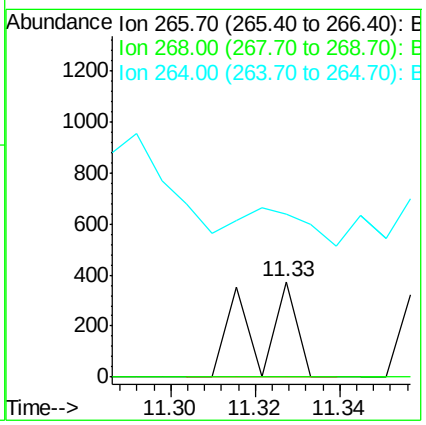


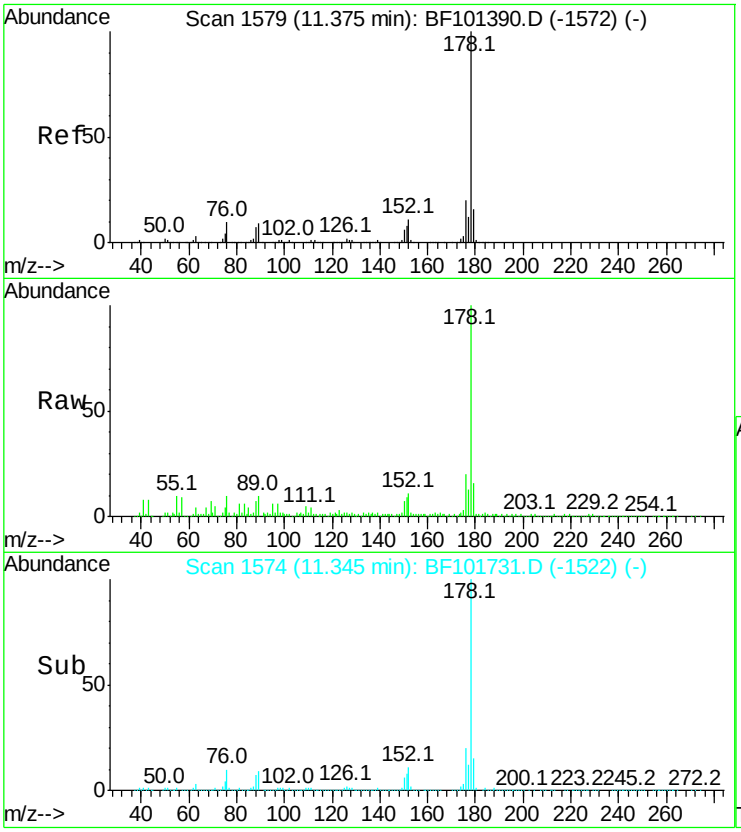


#69
Pentachlorophenol
Concen: 6.723 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.19 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:266 Resp: 257

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	171.3	49.5	74.3#



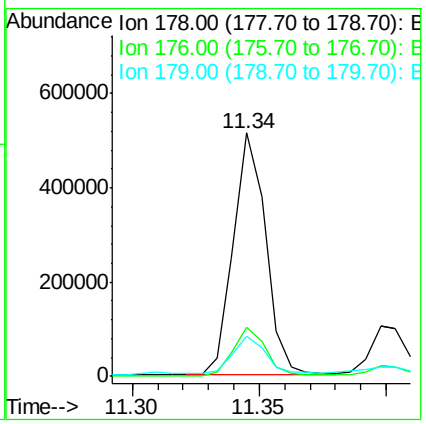


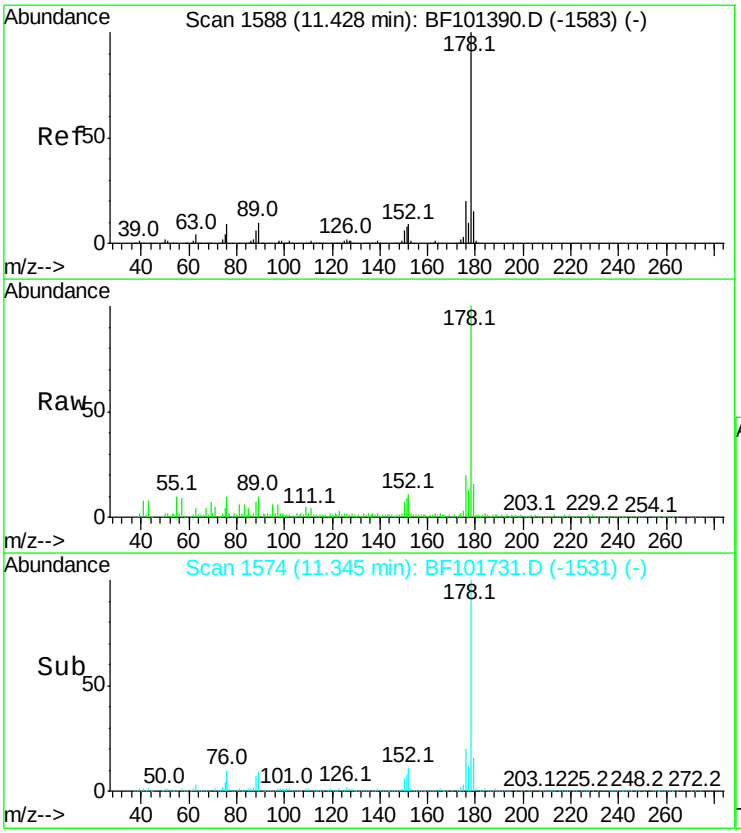
#70
Phenanthrene
Concen: 26.984 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:178 Resp: 459376

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.5	13.0	19.6

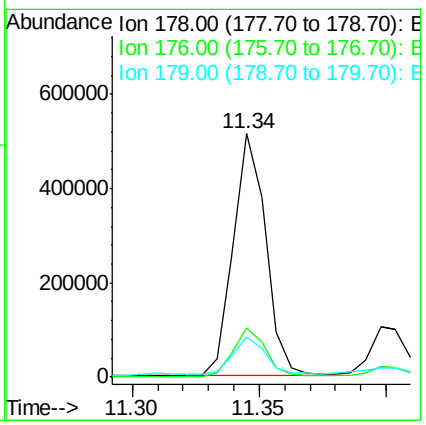


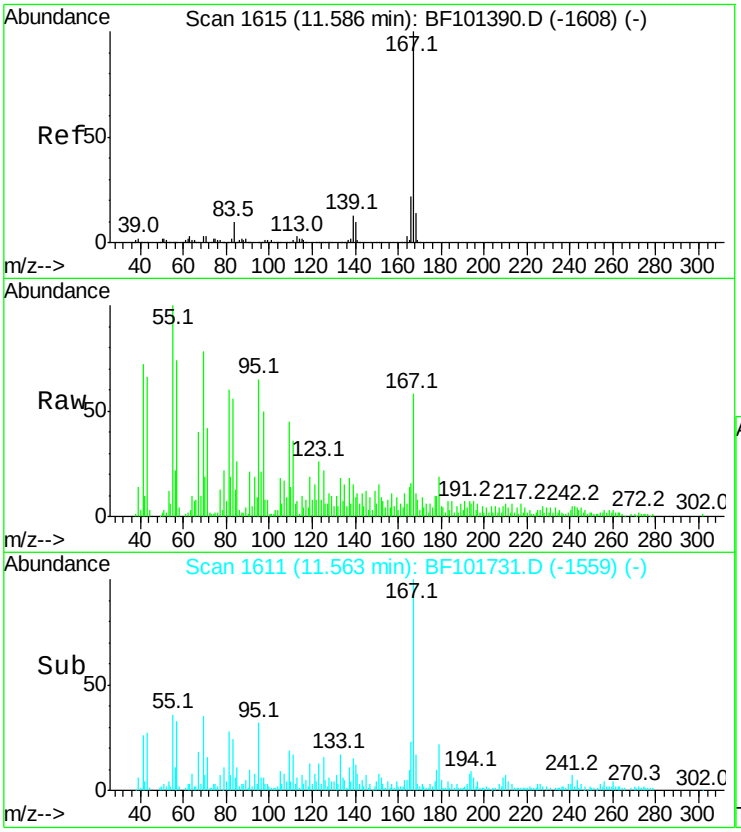


#71
Anthracene
Concen: 26.416 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.05 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:178 Resp: 459376

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.5	12.6	19.0



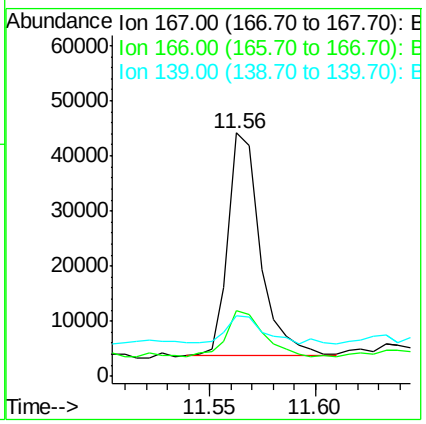


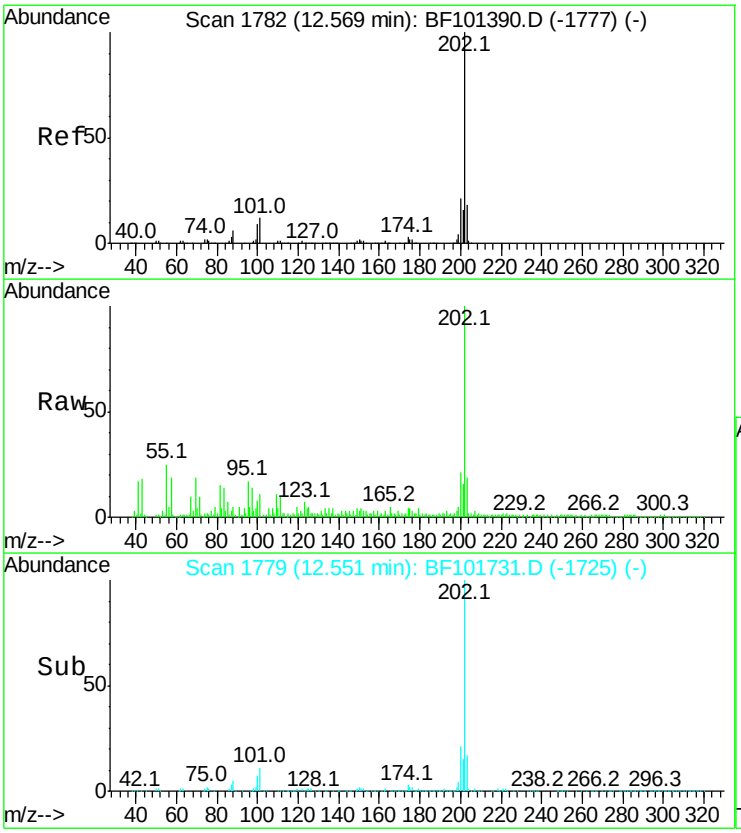
#72
Carbazole
Concen: 2.620 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:167 Resp: 42652

Ion	Ratio	Lower	Upper
167	100		
166	27.2	17.6	26.4#
139	25.1	10.9	16.3#

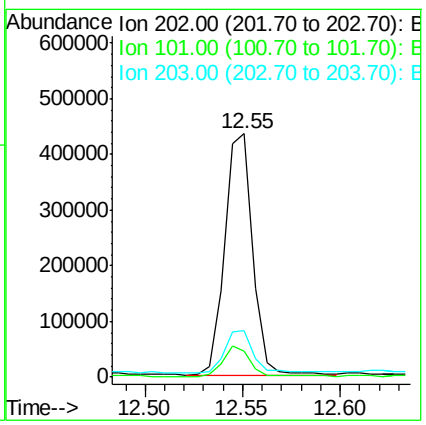


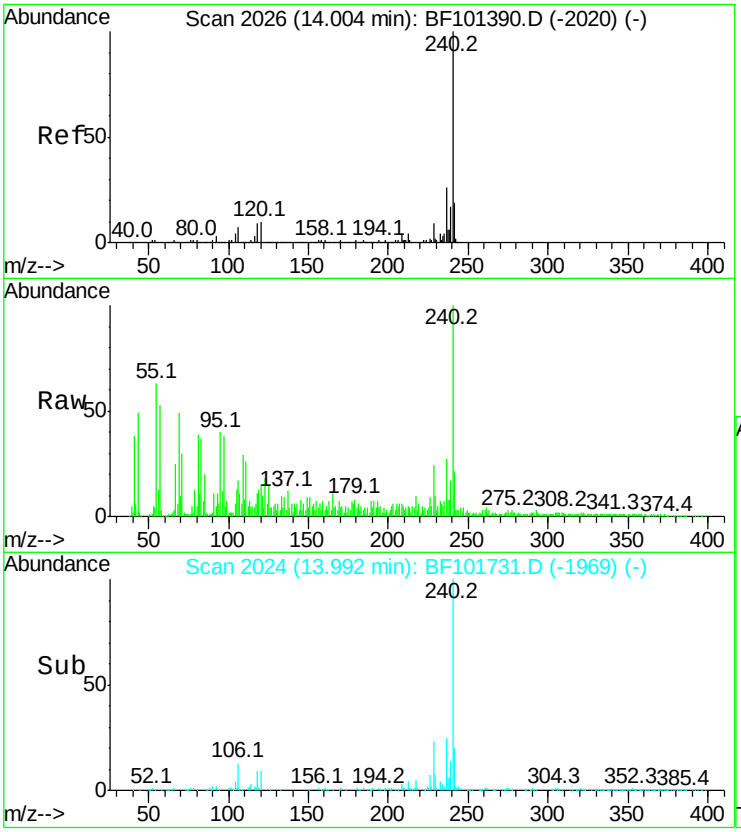


#74
Fluoranthene
Concen: 23.999 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:202 Resp: 428843

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.8	0.0	38.1



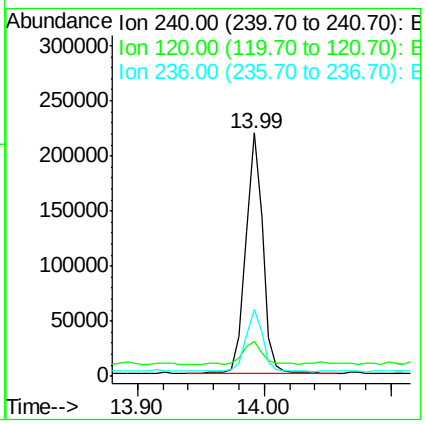


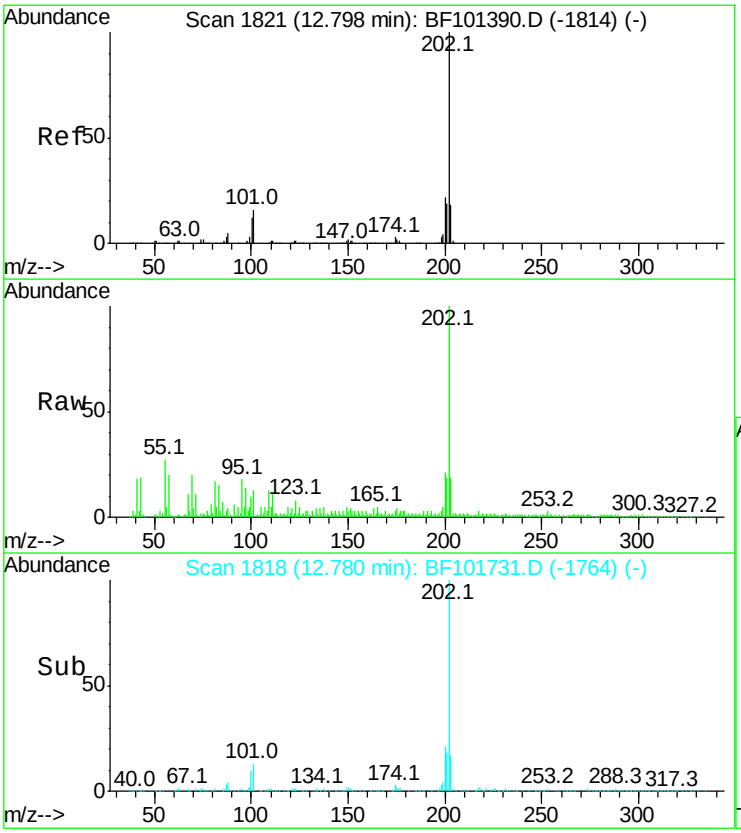
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:240 Resp: 201888

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	27.5	20.7	31.1

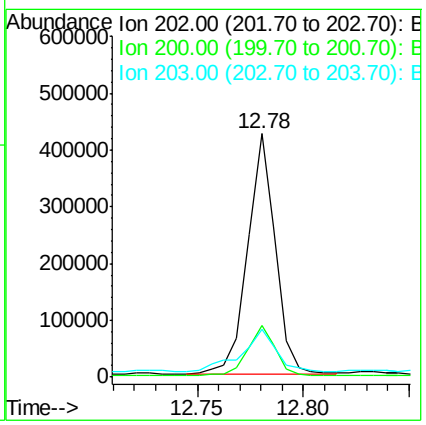


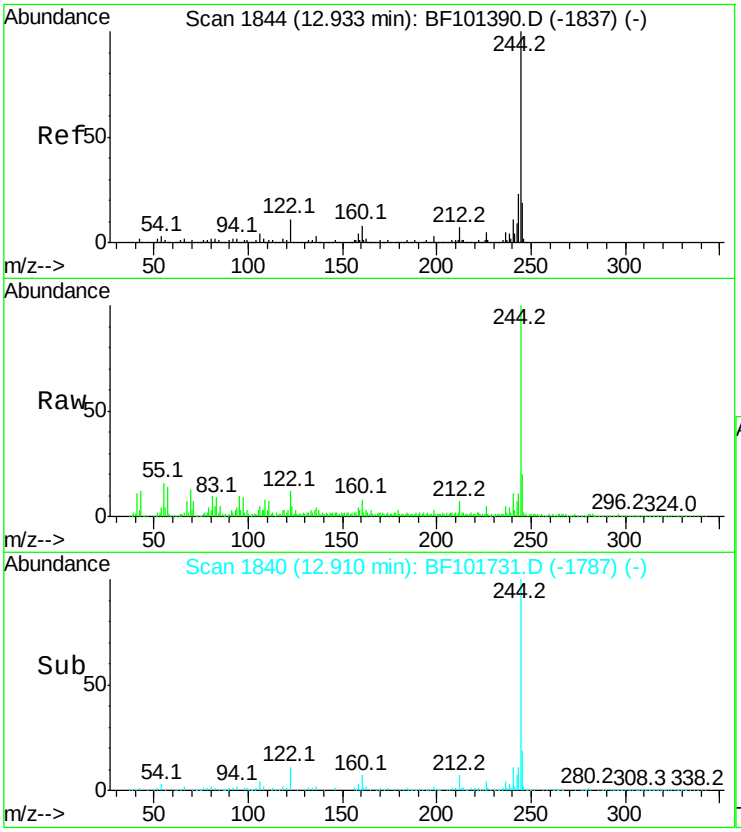


#77
Pyrene
Concen: 25.611 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:202 Resp: 388050

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.4	14.3	21.5



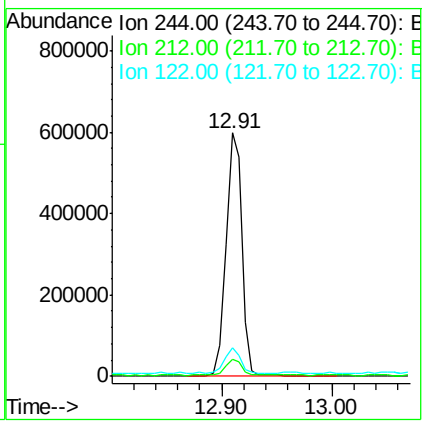


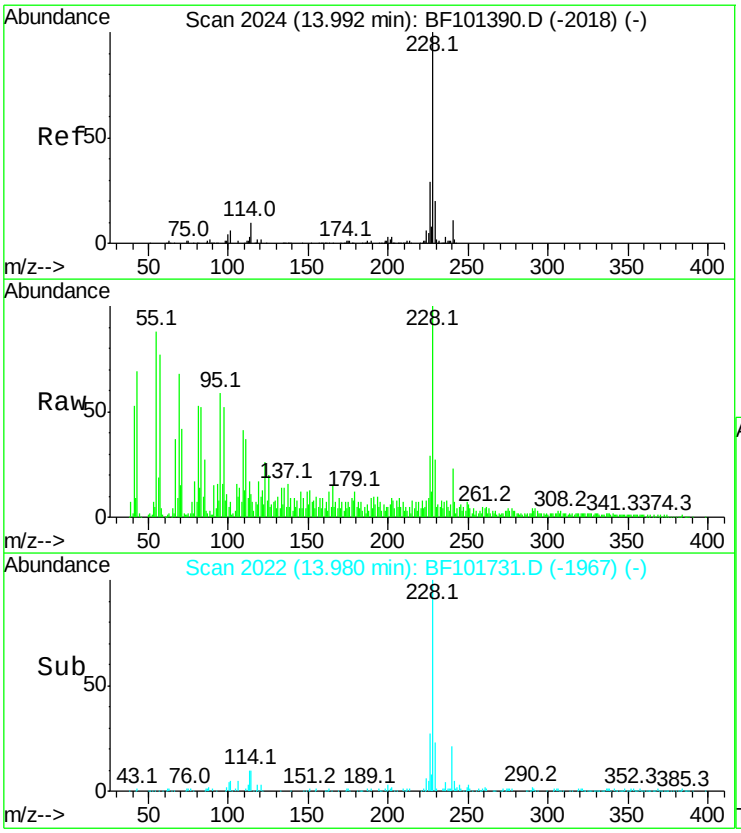
#78
Terphenyl-d14
Concen: 71.599 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:244 Resp: 599602

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.7	11.0	16.4

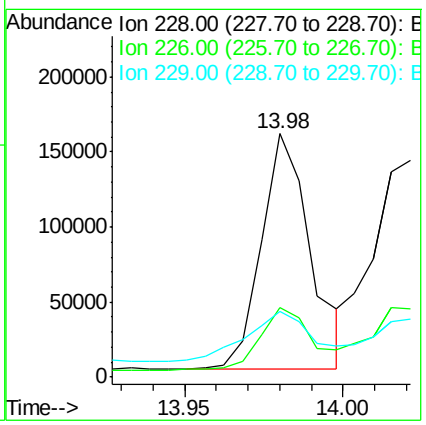


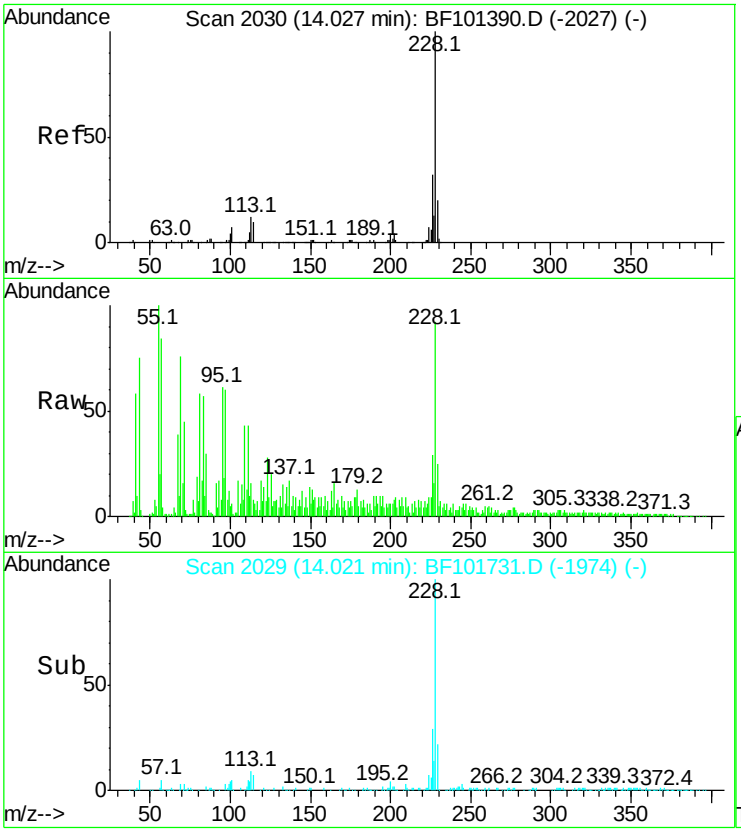


#80
Benzo(a)anthracene
Concen: 12.688 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:228 Resp: 169145

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	27.1	15.8	23.6#



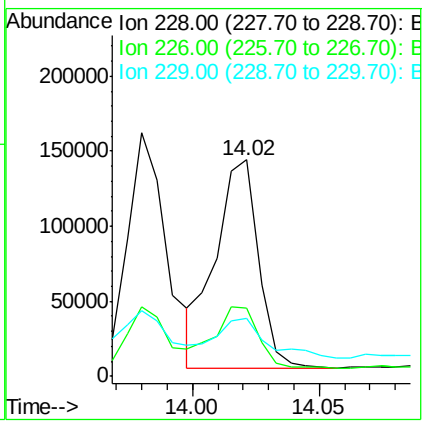


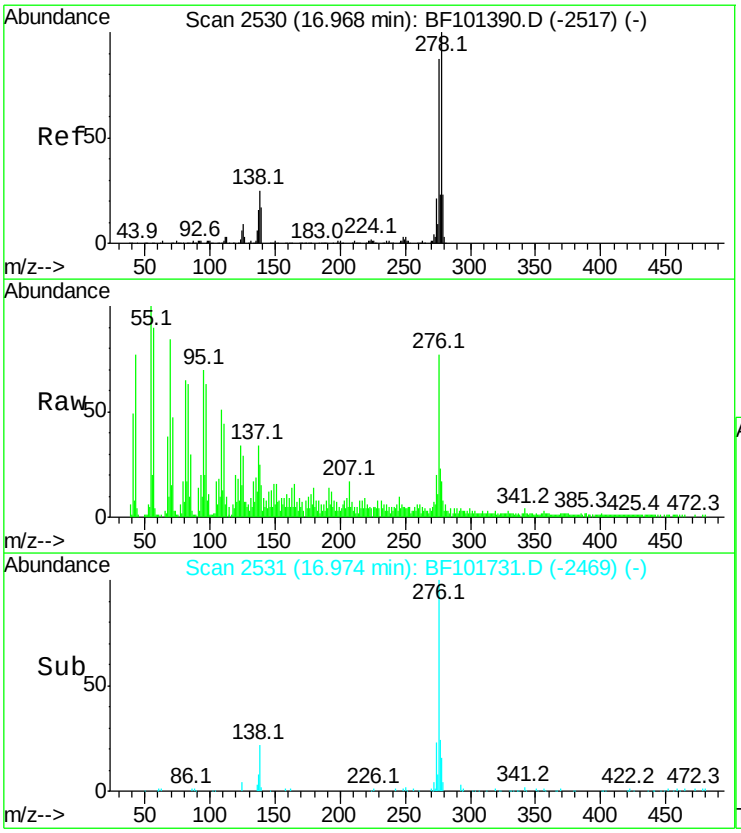
#82
Chrysene
Concen: 13.059 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:228 Resp: 164372

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	26.9	16.2	24.4#

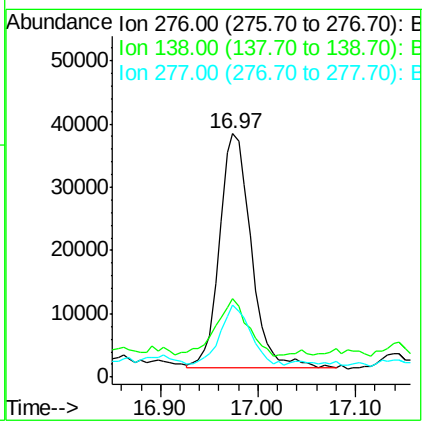


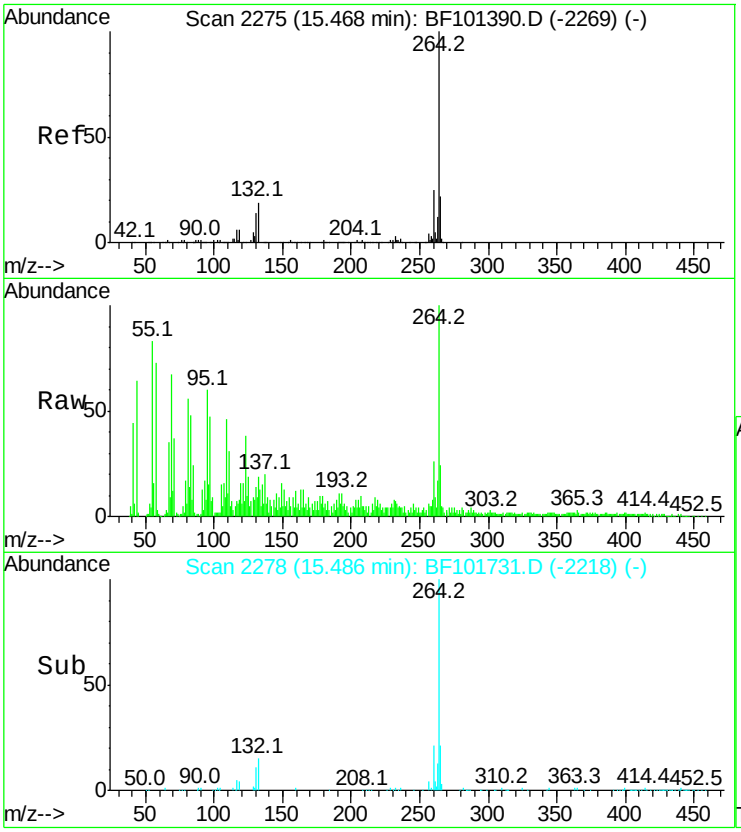


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.470 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.06 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:276 Resp: 83724

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	24.0	20.1	30.1



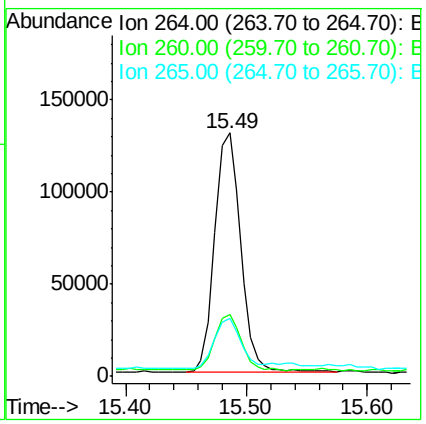


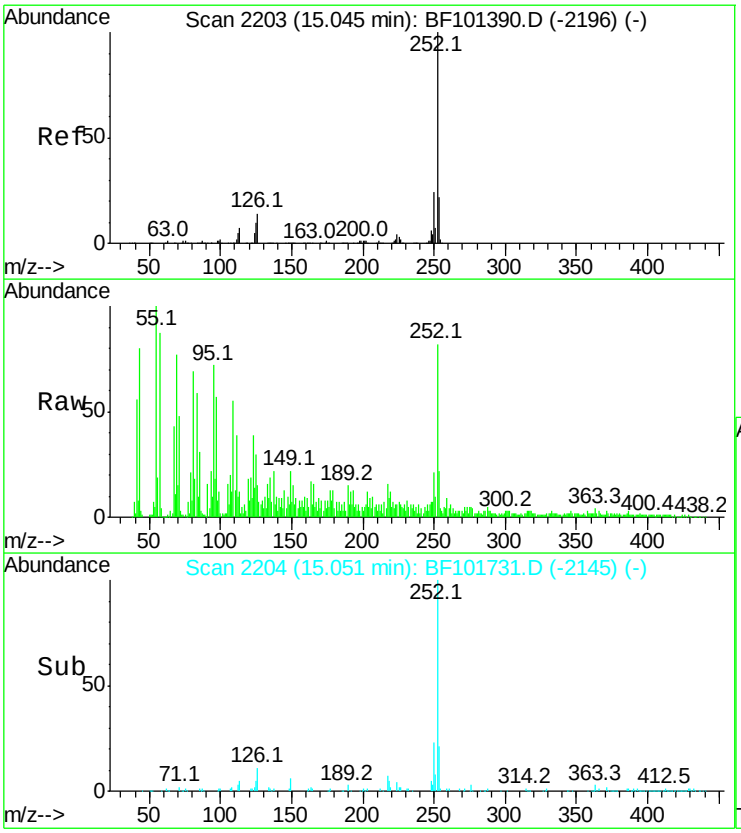
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.05 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:264 Resp: 193672

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	23.7	17.5	26.3

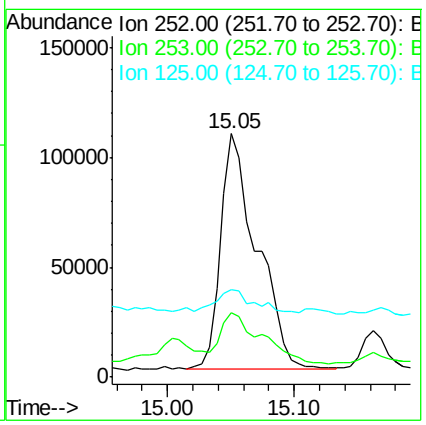


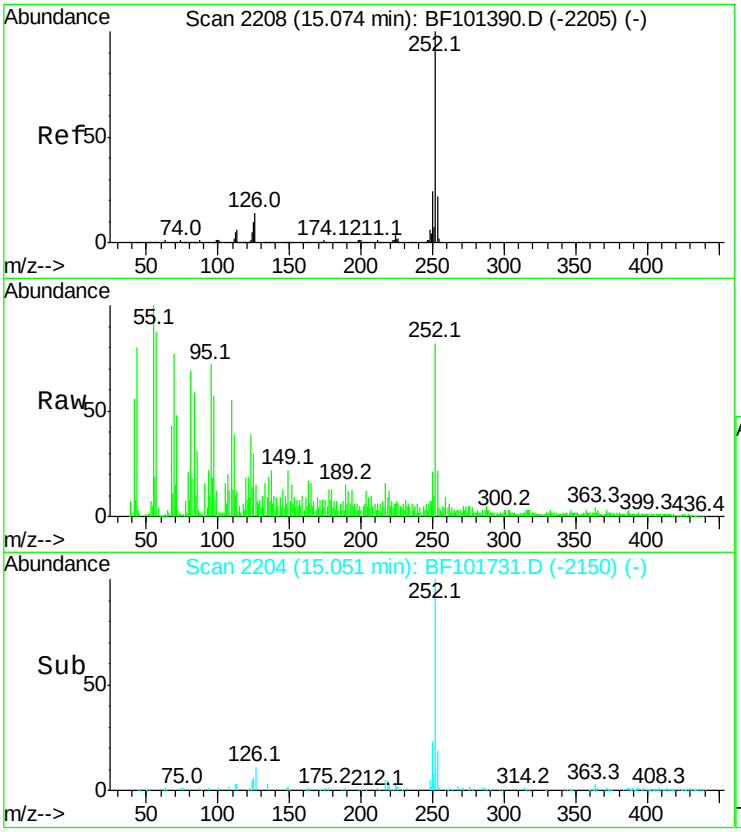


#87
Benzo(b)fluoranthene
Concen: 18.151 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.05 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:252 Resp: 214266

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	35.9	9.0	13.6#



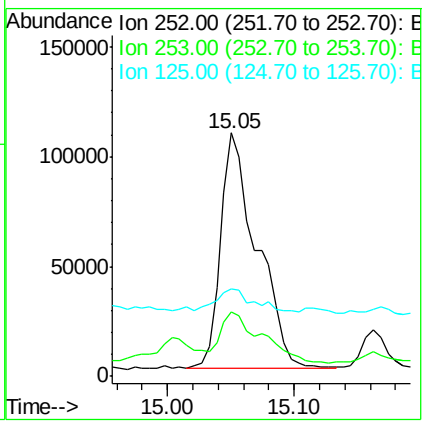


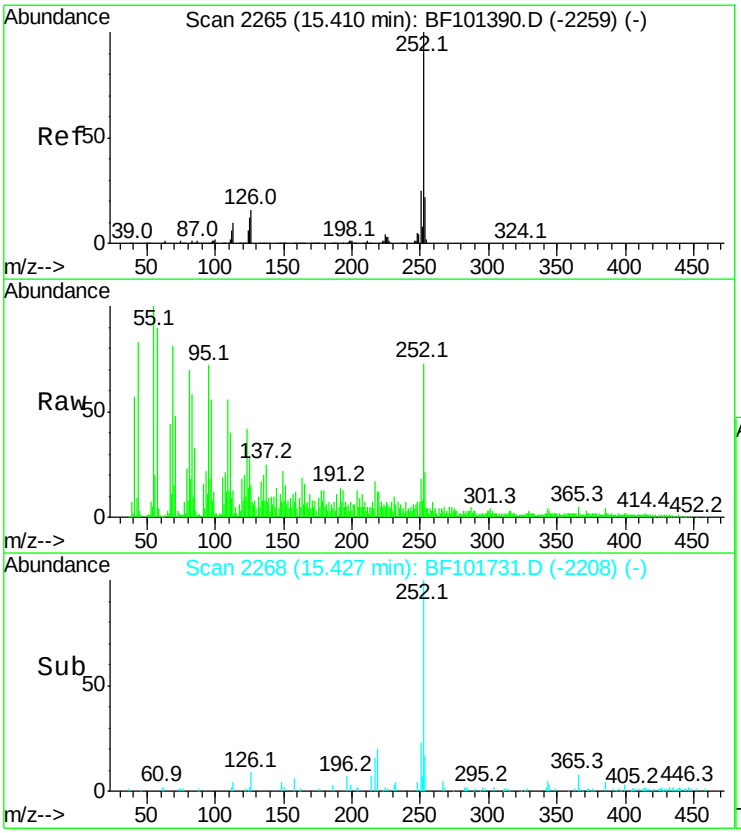
#88
Benzo(k)fluoranthene
Concen: 18.668 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:252 Resp: 214266

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	35.9	10.2	15.2#

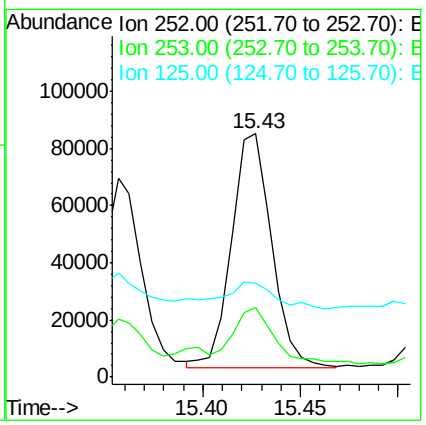


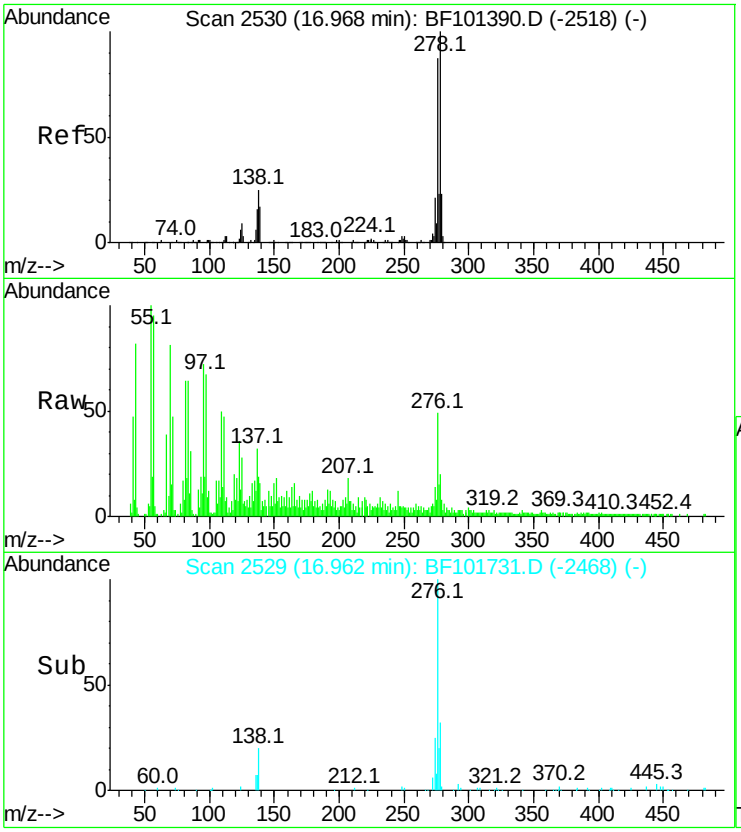


#89
Benzo(a)pyrene
Concen: 10.740 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.05 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:252 Resp: 116880

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.1	25.7#
125	38.6	9.8	14.6#



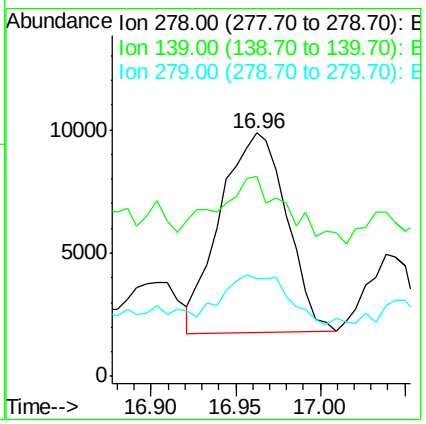


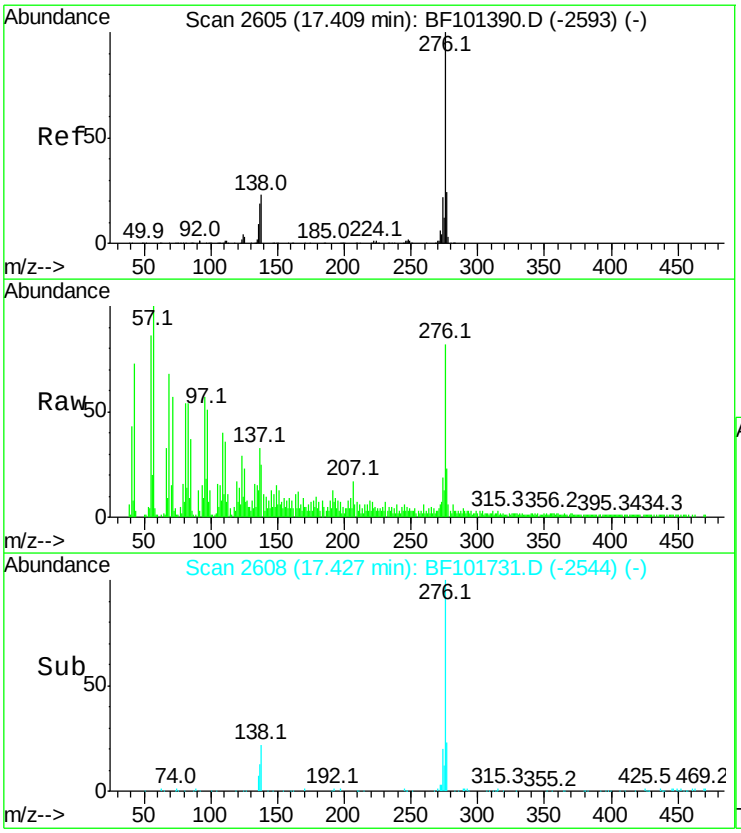
#90
Dibenzo(a,h)anthracene
Concen: 2.362 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.06 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

Tgt Ion:278 Resp: 22065

Ion	Ratio	Lower	Upper
278	100		
139	82.2	15.9	23.9#
279	40.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.939 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.08 min
Lab File: BF101731.D
Acq: 26 Dec 2017 23:20

Tgt Ion:276 Resp: 82706

Ion	Ratio	Lower	Upper
276	100		
277	27.6	17.9	26.9#
138	30.9	21.8	32.8