Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104461.D
Acq On : 12 Apr 2018 19:49
Operator : JU/SJ
Sample : J2335-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 00:16:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113598	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	422184	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	156803	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	251524	20.00	ng		0.00
75) Chrysene-d12	14.00	240	193853	20.00	ng		0.01
86) Perylene-d12	15.47	264	172630	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	164216	22.10	ng		0.00
7) Phenol-d6	6.43	99	194569	21.32	ng		-0.01
23) Nitrobenzene-d5	7.37	82	106681	16.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	31235	19.20	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	167635	16.89	ng		0.00
78) Terphenyl-d14	12.93	244	138411	16.28	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	3741	Below Cal			84
25) Isophorone	7.37	82	106681	7.803	ng	#	64
31) Naphthalene	8.12	128	178708	8.501	ng		100
33) 4-Chloroaniline	8.12	127	23331	2.590	ng	#	36
37) 2-Methylnaphthalene	8.80	142	48586	3.573	ng		95
50) 2,6-Dinitrotoluene	9.85	165	21426	9.364	ng	#	26
51) Acenaphthene	9.88	154	133698	13.423	ng		98
54) Dibenzofuran	10.06	168	105200	7.579	ng		96
55) 4-Nitrophenol	10.05	139	39124	18.594	ng	#	11
57) Fluorene	10.40	166	194076	19.209	ng		98
70) Phenanthrene	11.37	178	1986568	141.825	ng		99
71) Anthracene	11.42	178	527302	37.034	ng		99
72) Carbazole	11.57	167	492064	35.366	ng		99
74) Fluoranthene	12.58	202	2728074	186.410	ng		98
76) Benzidine	12.69	184	980	Below Cal		#	1
77) Pyrene	12.81	202	2426418	168.864	ng		98
80) Benzo(a)anthracene	13.99	228	1381554	119.295	ng		98
82) Chrysene	14.03	228	1285101	108.033	ng		97
84) Di-n-octyl phthalate	14.52	149	46437	3.192	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.76	276	102548	10.148	ng		95
87) Benzo(b)fluoranthene	15.05	252	1976029	181.237	ng		96
88) Benzo(k)fluoranthene	15.05	252	1976029	191.970	ng		99
89) Benzo(a)pyrene	15.42	252	1014299	103.972	ng		96
90) Dibenzo(a,h)anthracene	16.94	278	144500	18.035	ng		96
91) Benzo(g,h,i)perylene	17.38	276	530604	68.355	ng		96

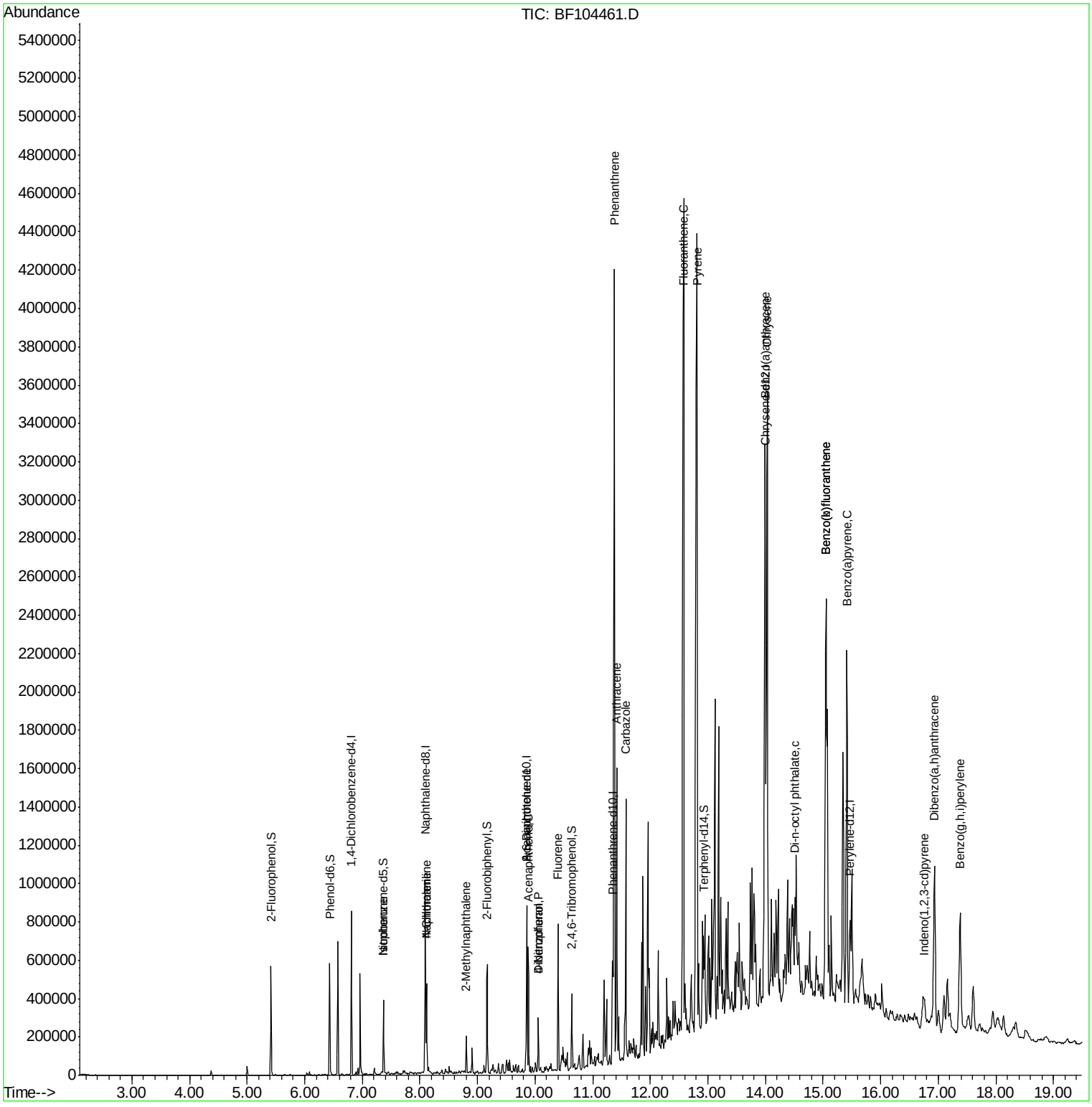
(#) = qualifier out of range (m) = manual integration (+) = signals summed

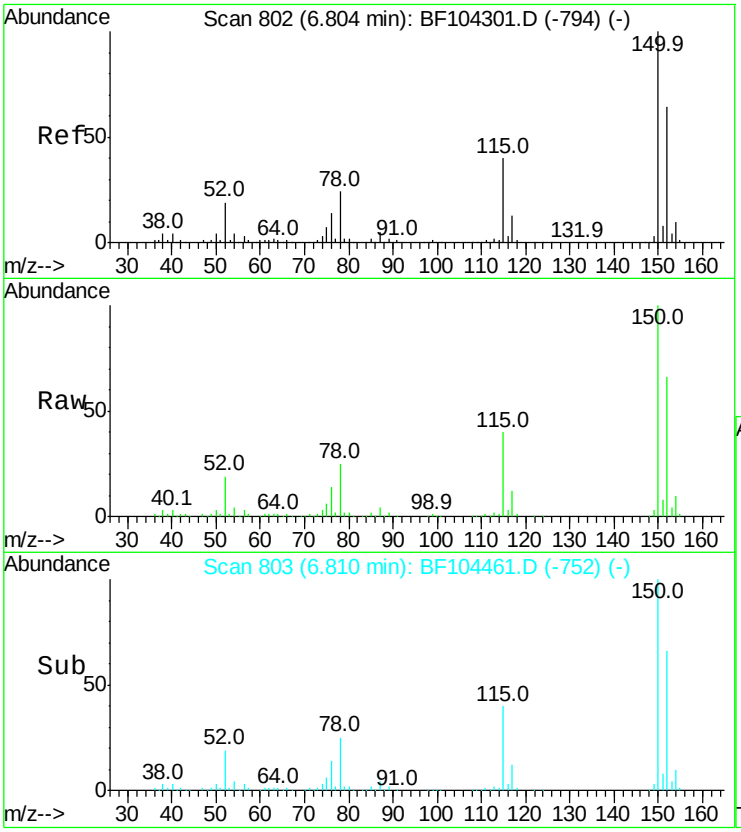
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104461.D
Acq On : 12 Apr 2018 19:49
Operator : JU/SJ
Sample : J2335-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 00:16:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



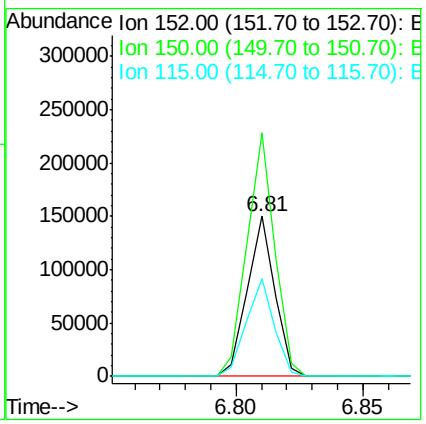


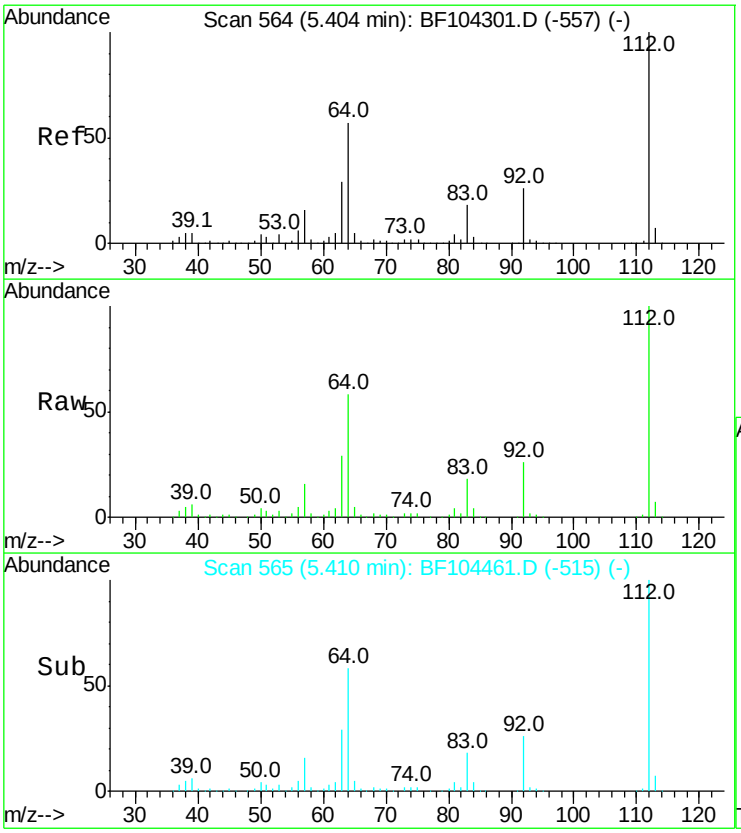
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113598

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	60.8	50.1	75.1

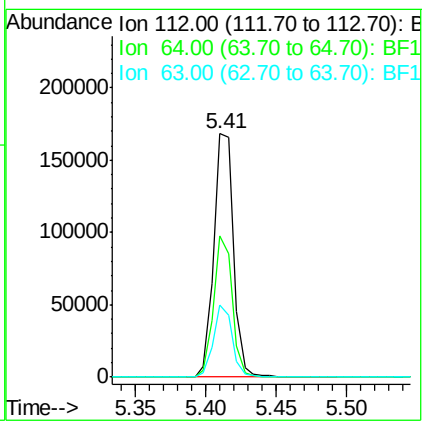


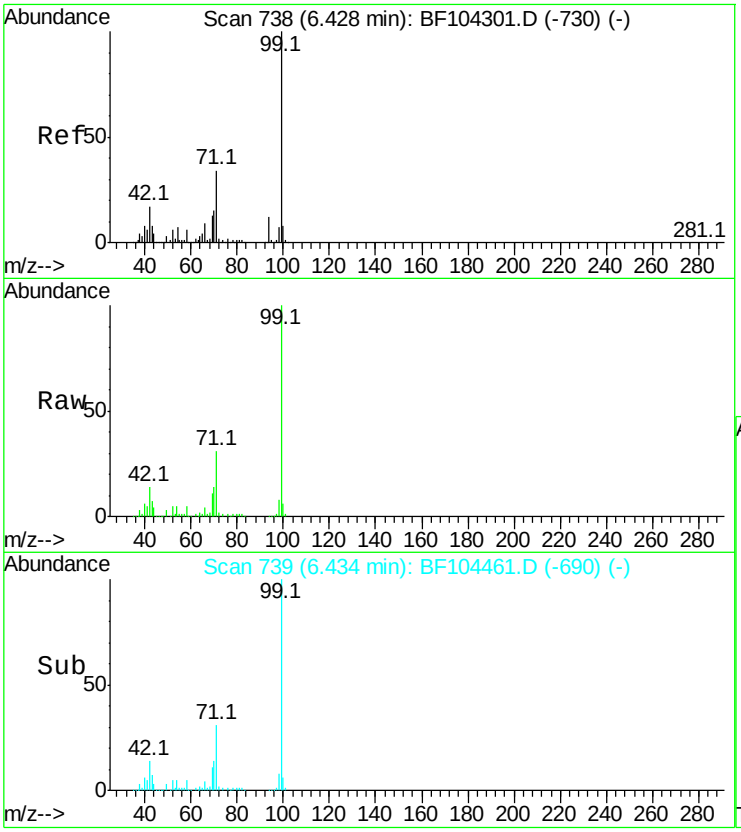


#5
2-Fluorophenol
Concen: 22.104 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:112 Resp: 164216

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.5	23.7	35.5



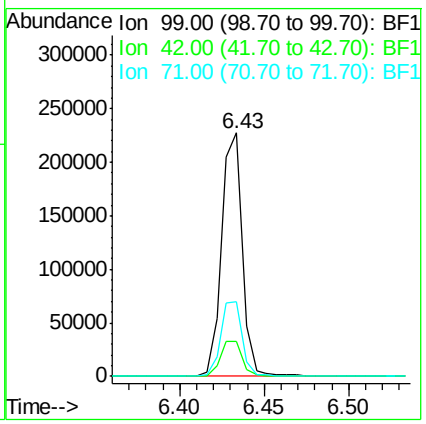


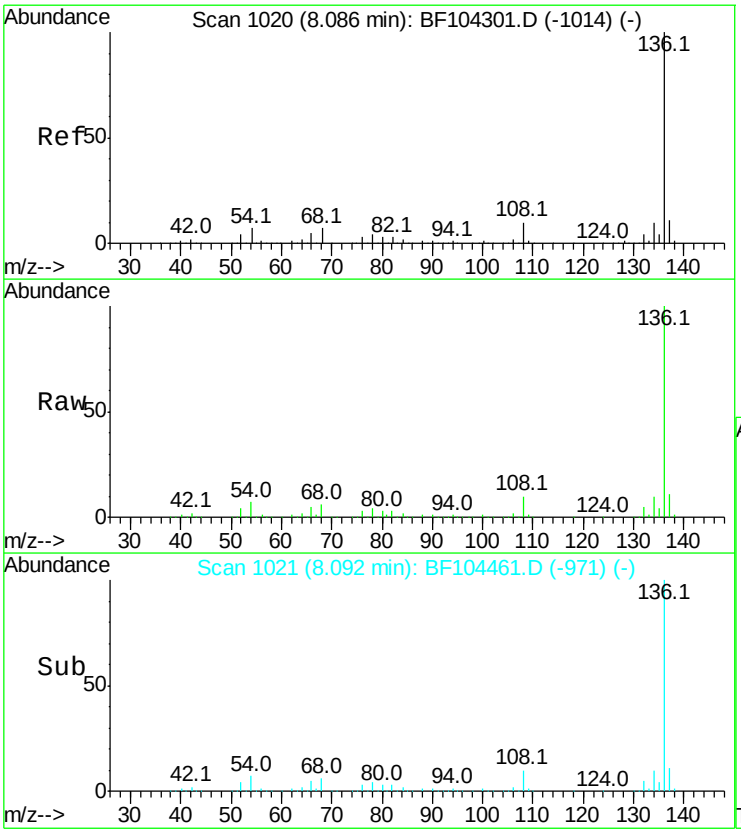
#7
Phenol-d6
Concen: 21.315 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 194569

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	30.6	25.4	38.0

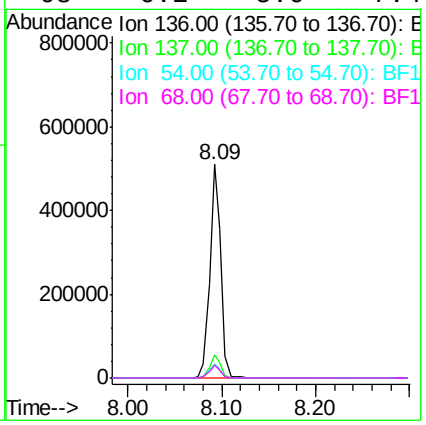


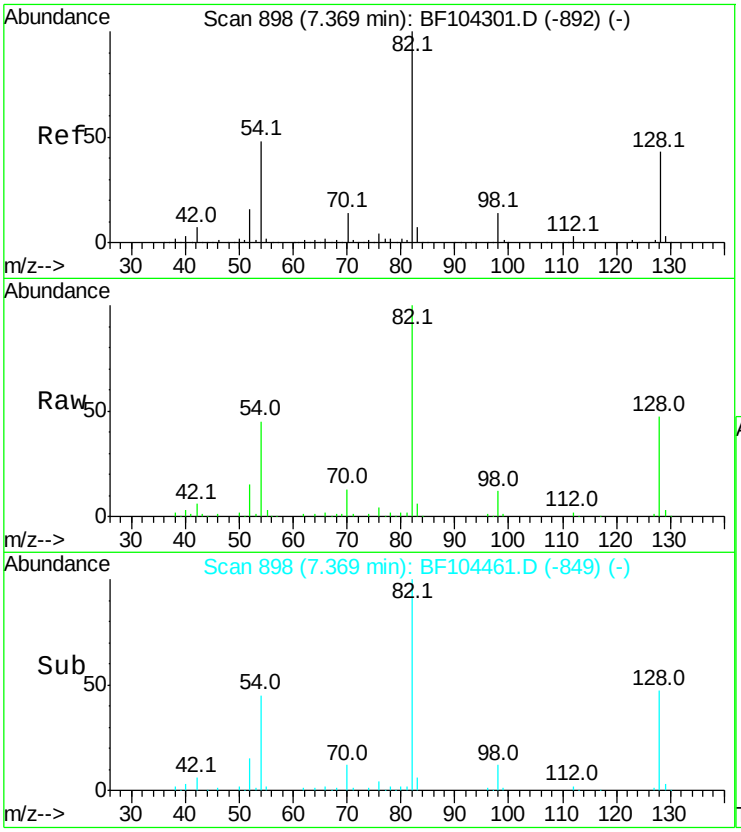


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:136 Resp: 422184

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4



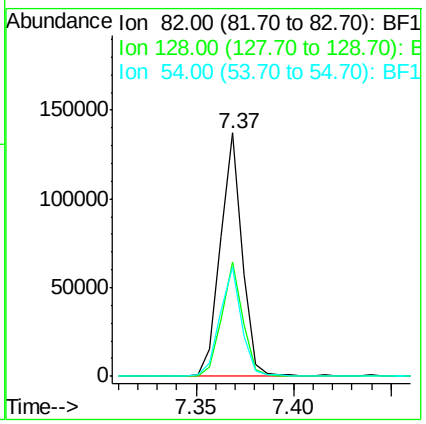


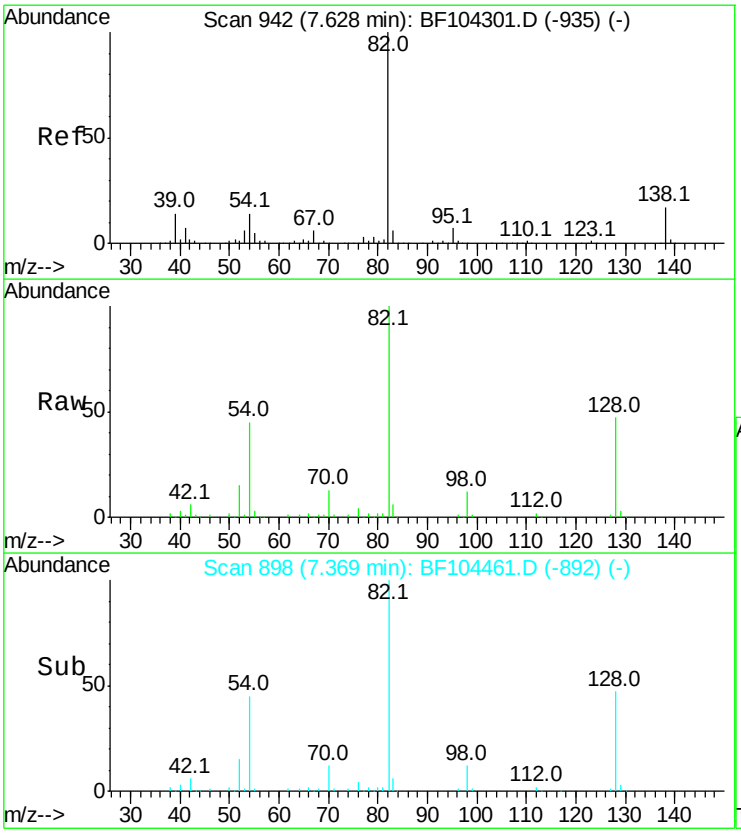
#23
Nitrobenzene-d5
Concen: 16.500 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 106681

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	44.7	41.4	62.2

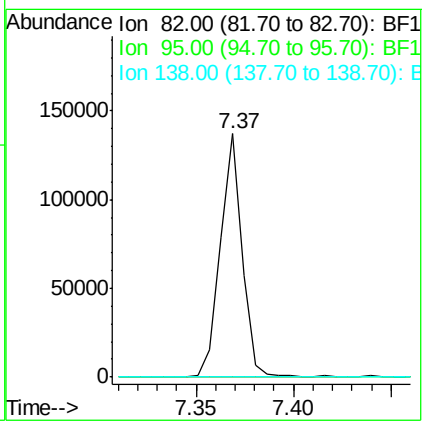


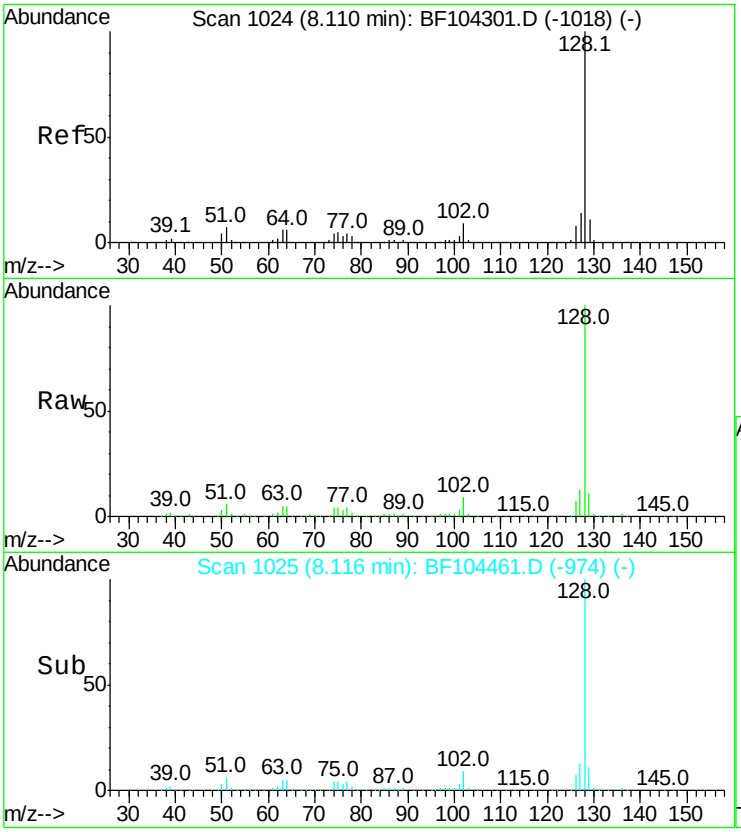


#25
Isophorone
Concen: 7.803 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion: 82 Resp: 106681

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



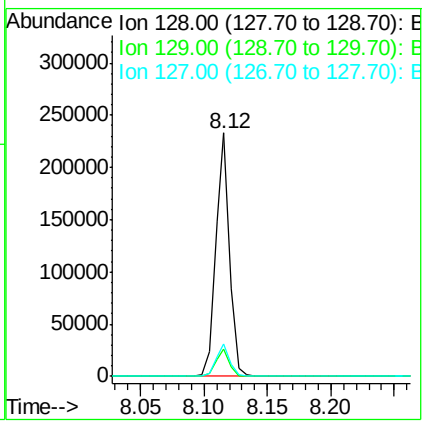


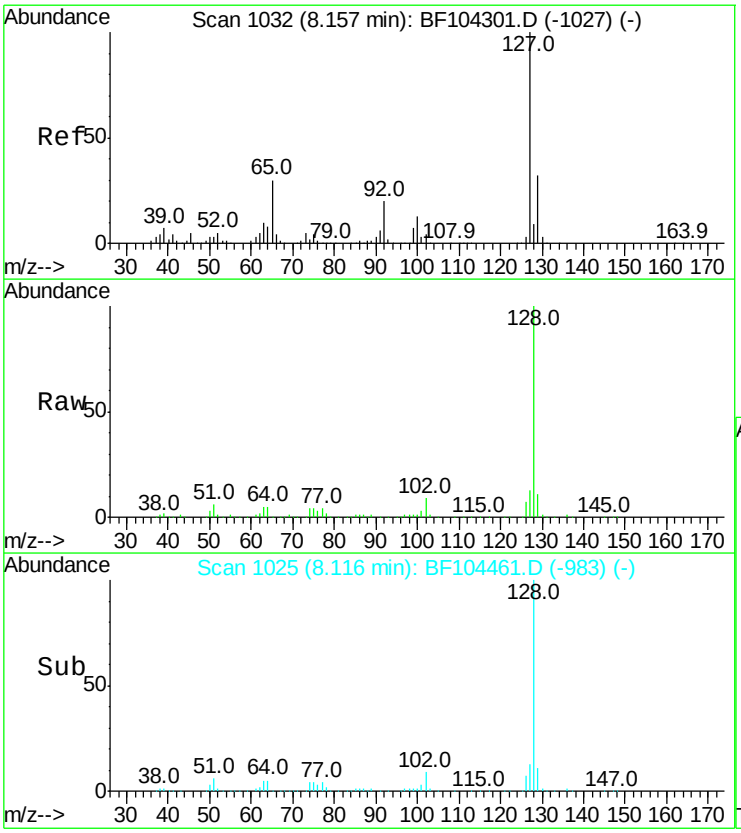
#31
Naphthalene
Concen: 8.501 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 178708

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

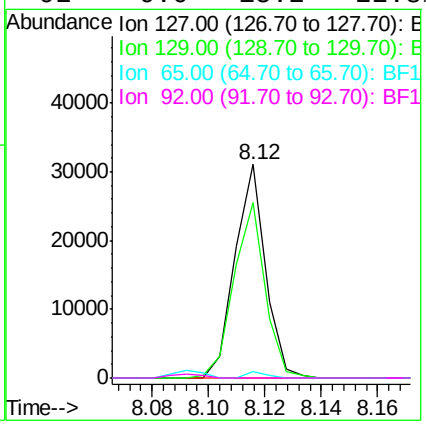


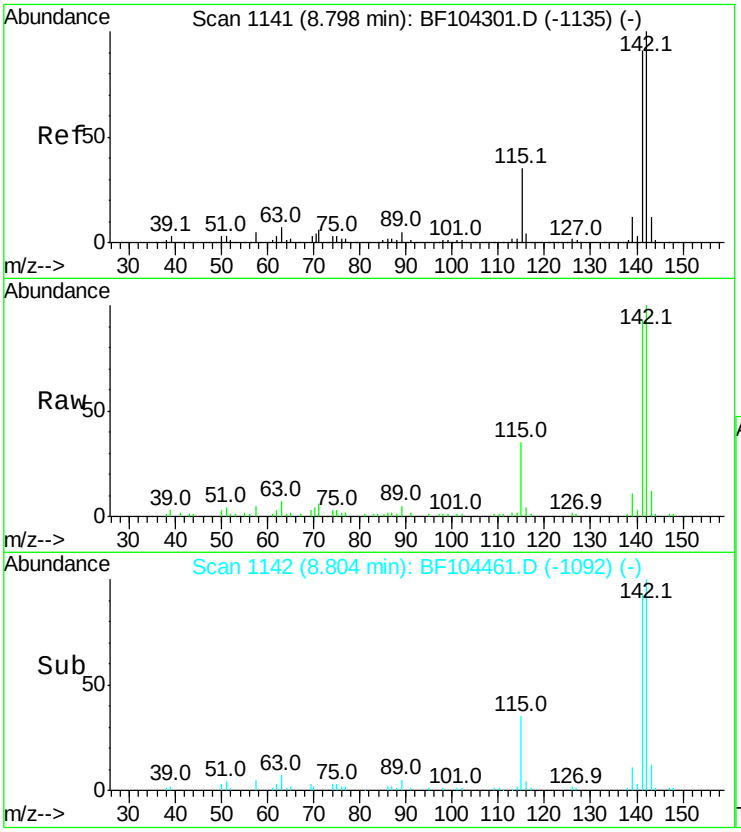


#33
4-Chloroaniline
Concen: 2.590 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:127 Resp: 23331

Ion	Ratio	Lower	Upper
127	100		
129	82.1	25.9	38.9#
65	2.8	25.0	37.4#
92	0.0	15.2	22.8#

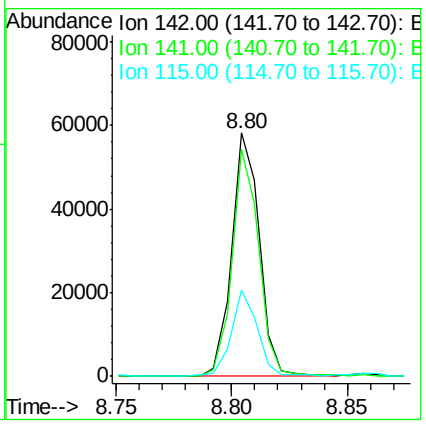




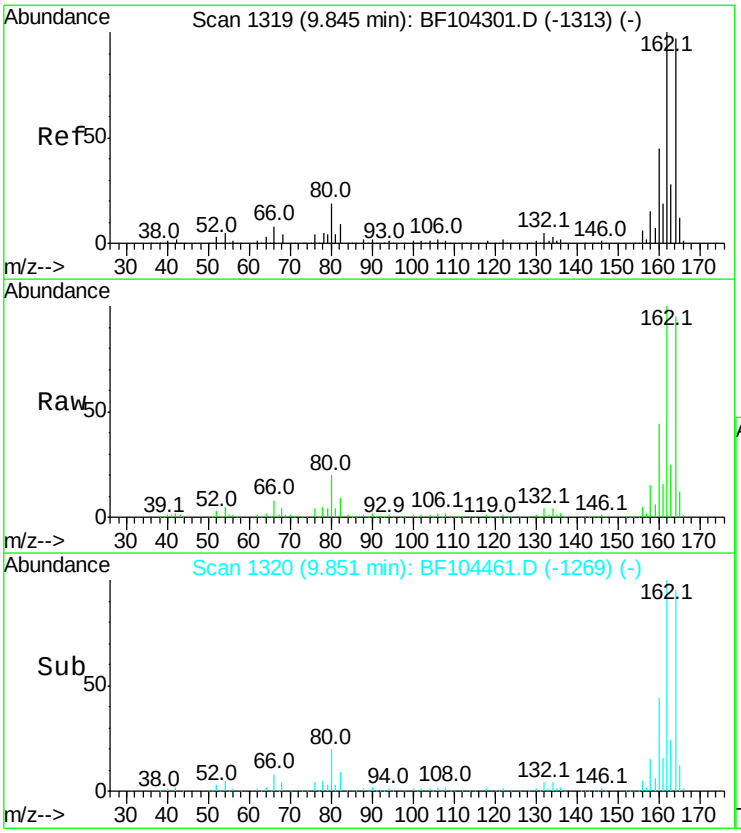
#37
2-Methylnaphthalene
Concen: 3.573 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:142 Resp: 48586

Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.8	106.2
115	35.4	26.1	39.1



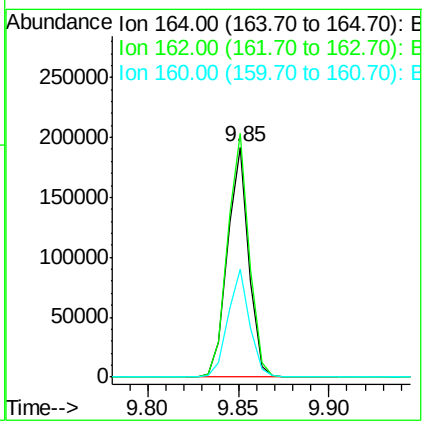
Instrument :
BNA_F
ClientSampleId :

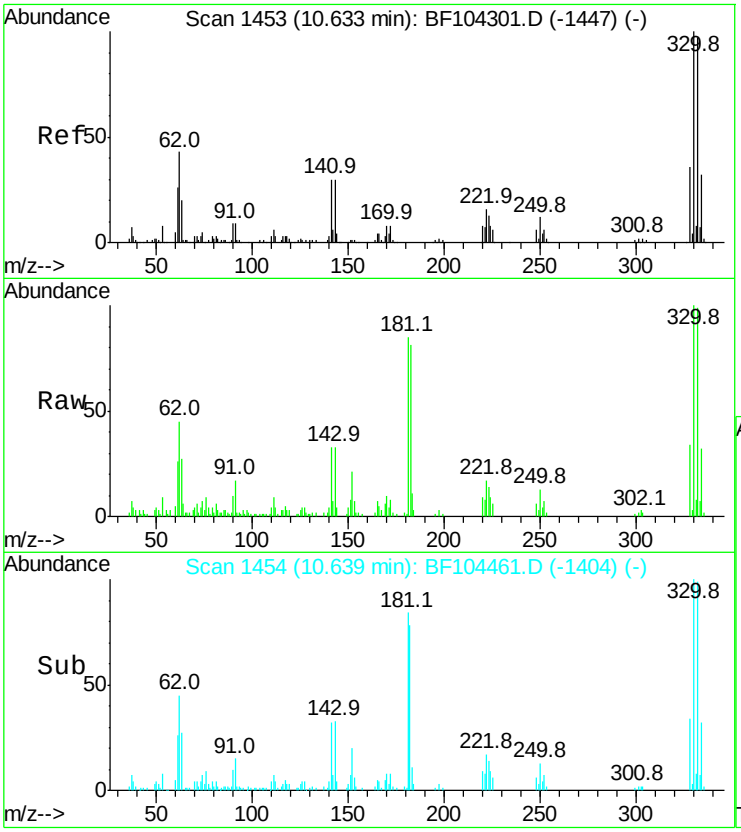


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:164 Resp: 156803

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.9	38.3	57.5



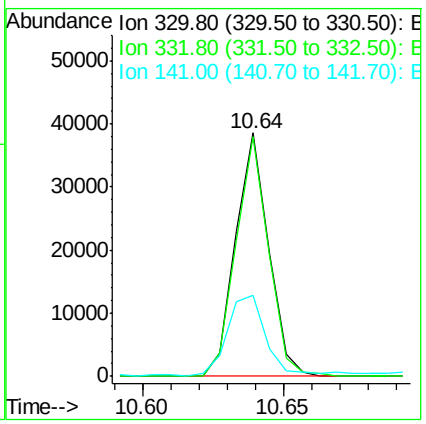


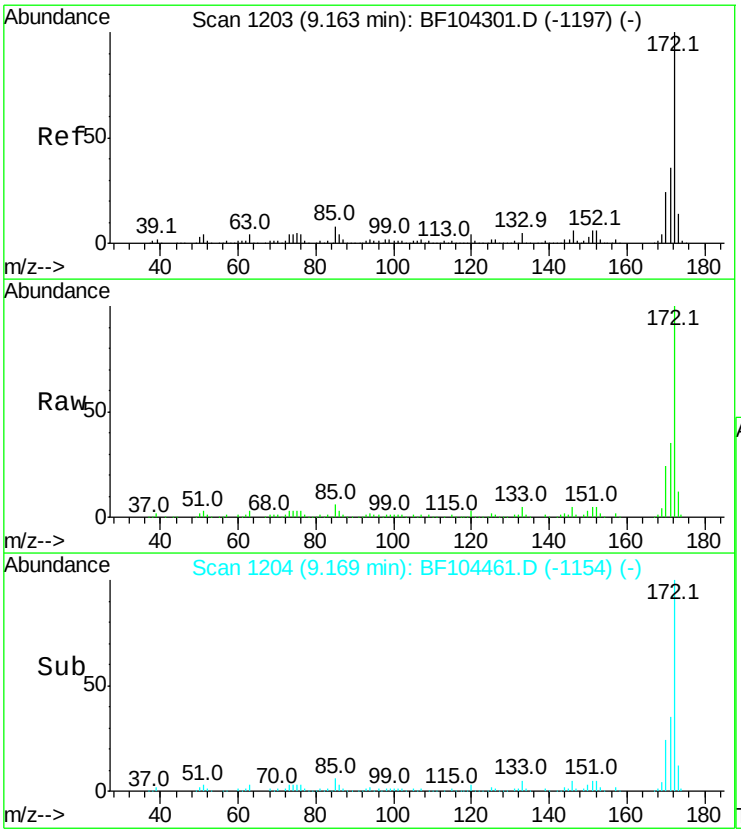
#41
2,4,6-Tribromophenol
Concen: 19.203 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 31235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	39.9	29.9	44.9

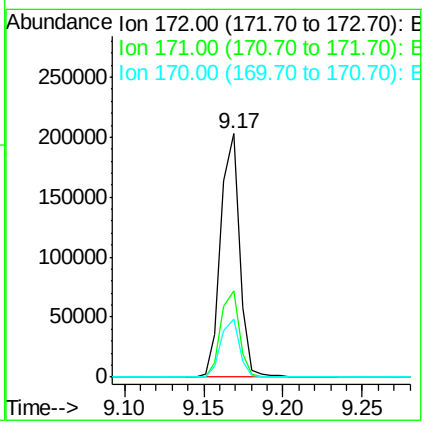


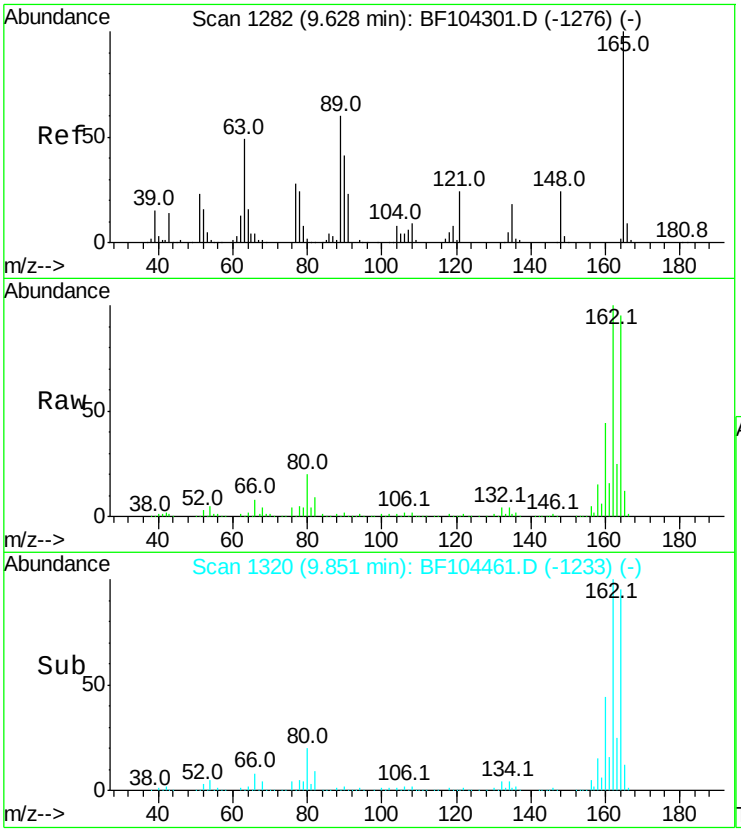


#44
2-Fluorobiphenyl
Concen: 16.889 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:172 Resp: 167635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4



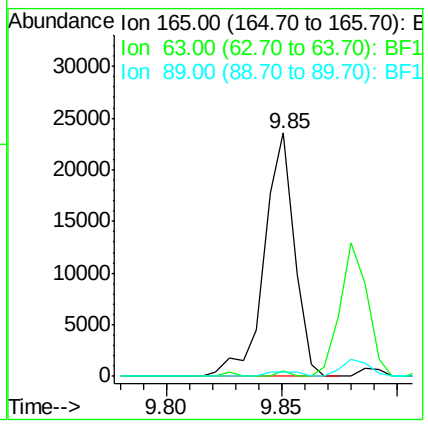


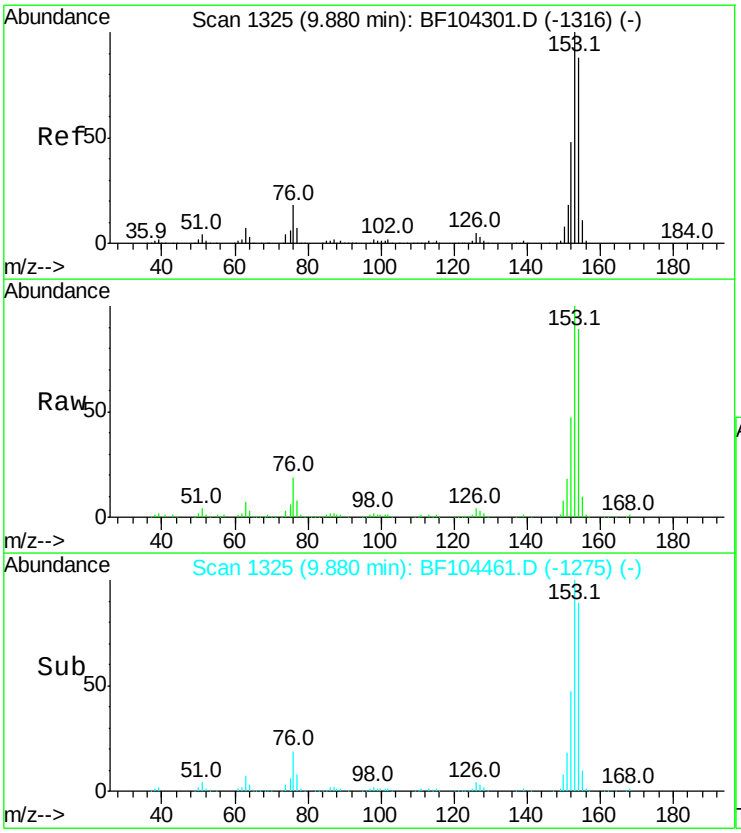
#50
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21426

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.6	44.0	66.0#

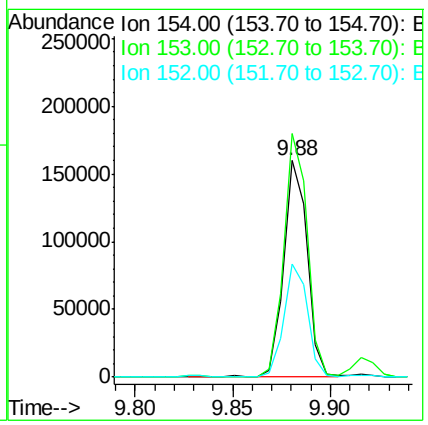


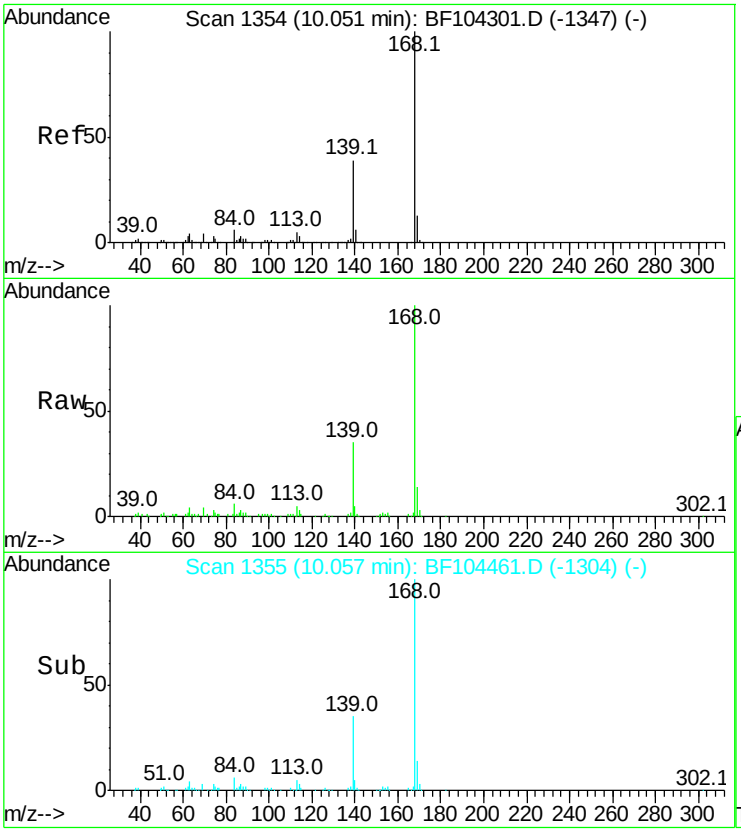


#51
Acenaphthene
Concen: 13.423 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:154 Resp: 133698

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	52.5	43.8	65.8



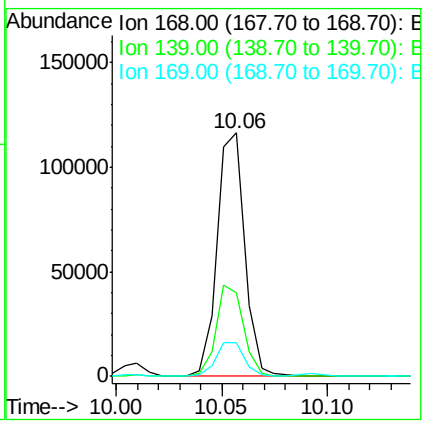


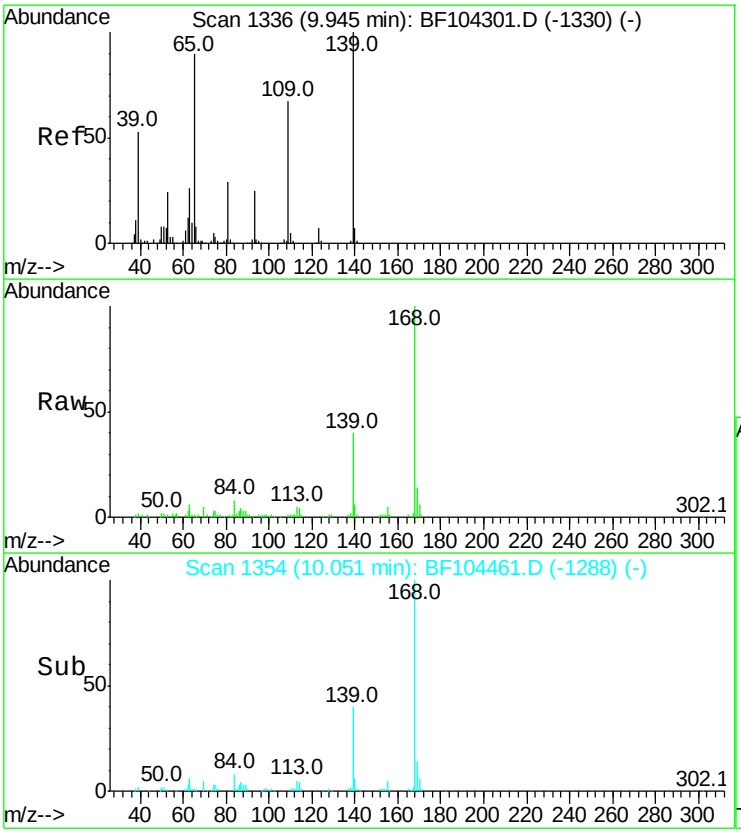
#54
Dibenzofuran
Concen: 7.579 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 105200

Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.1	45.1
169	13.7	10.9	16.3

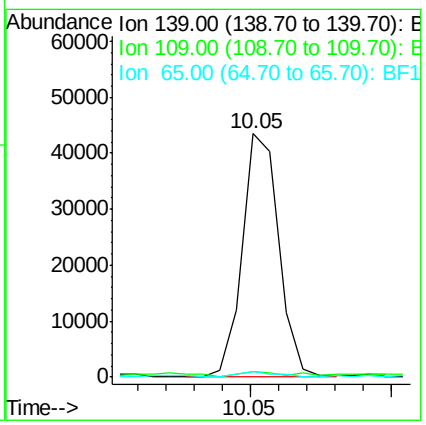


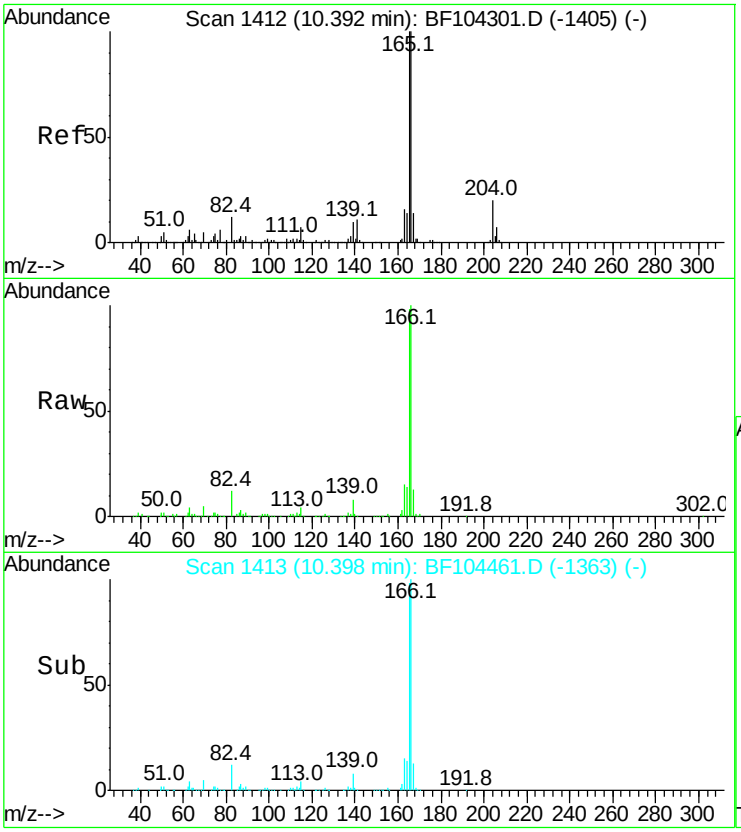


#55
4-Nitrophenol
Concen: 18.594 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:139 Resp: 39124

Ion	Ratio	Lower	Upper
139	100		
109	2.2	48.4	88.4#
65	2.5	72.6	112.6#



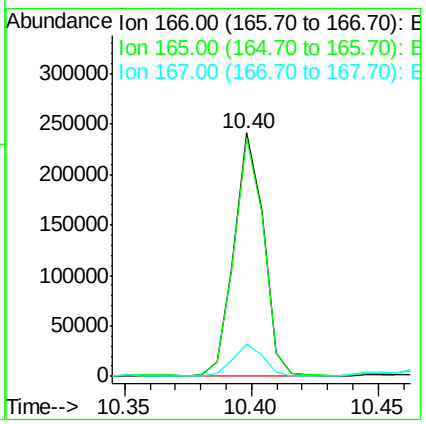


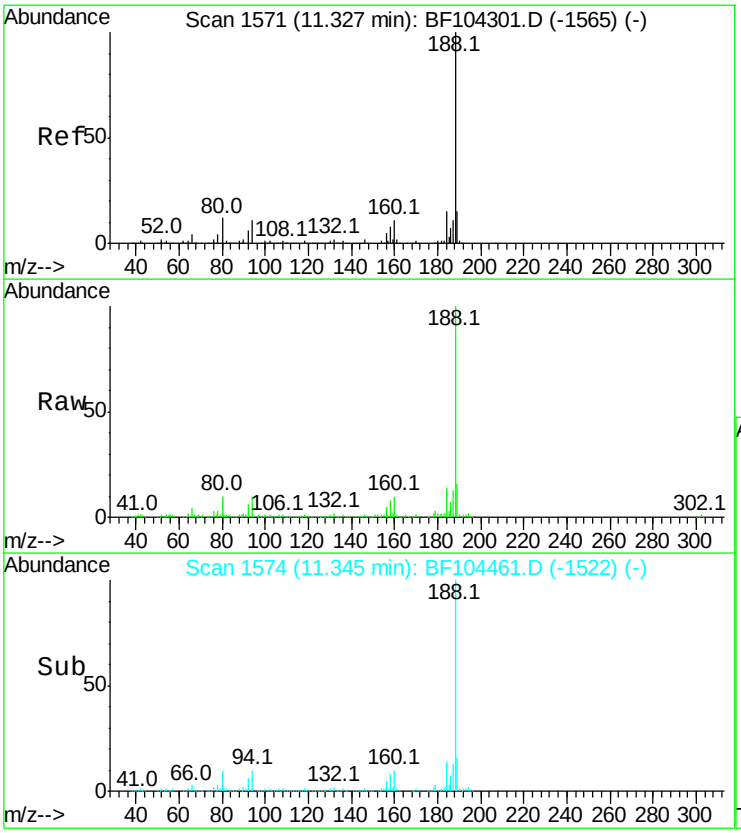
#57
Fluorene
Concen: 19.209 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 194076

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.2	10.6	16.0

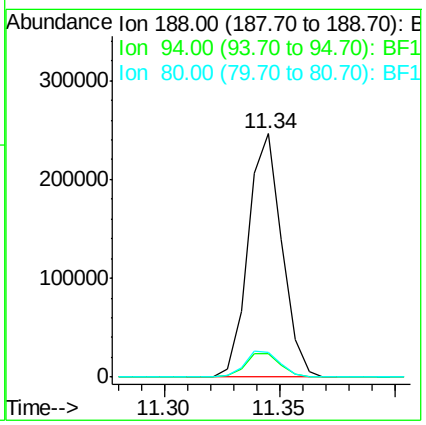


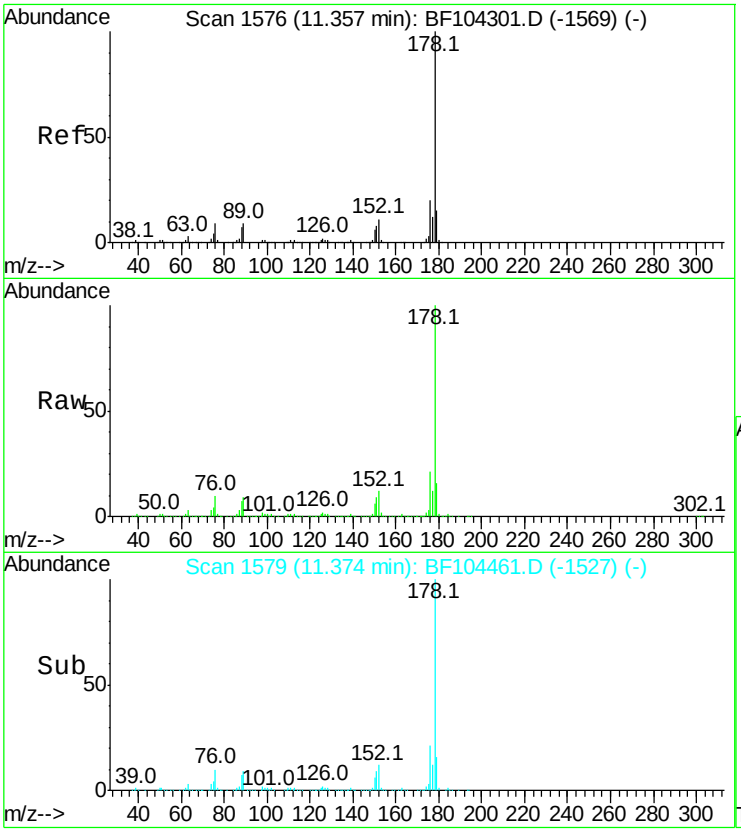


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:188 Resp: 251524

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8



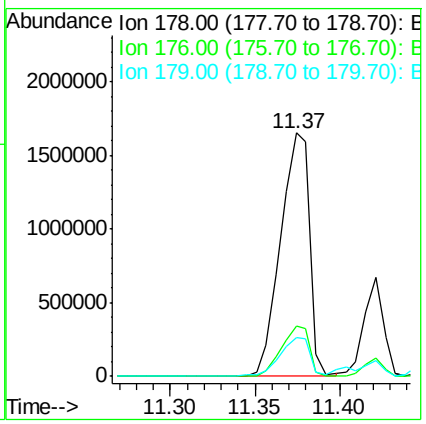


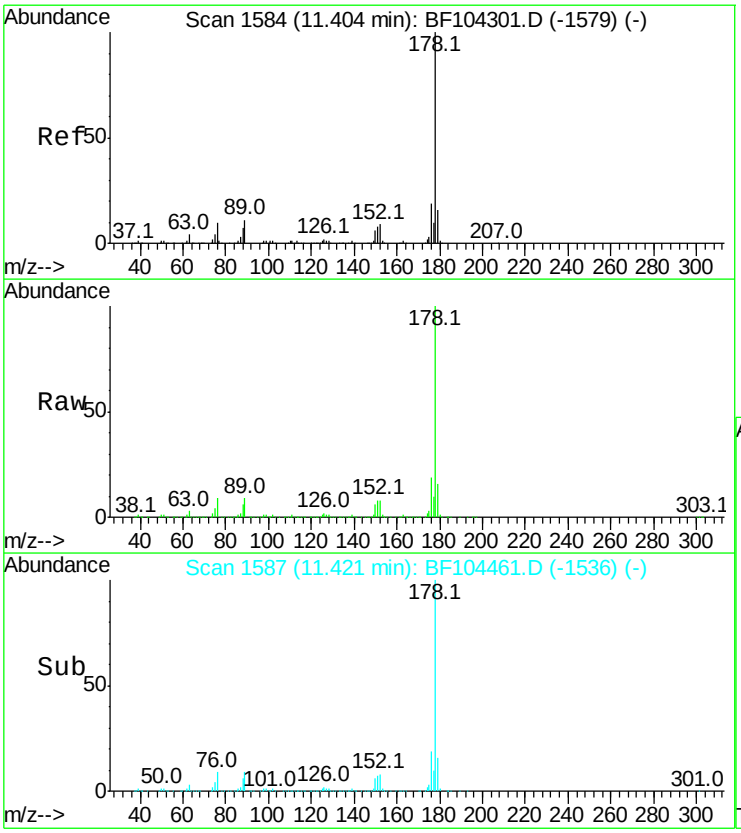
#70
Phenanthrene
Concen: 141.825 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1986568

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.2	13.0	19.6

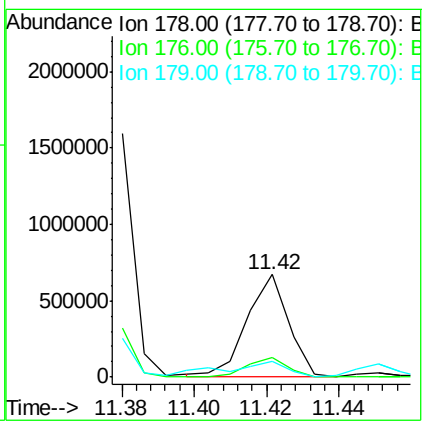


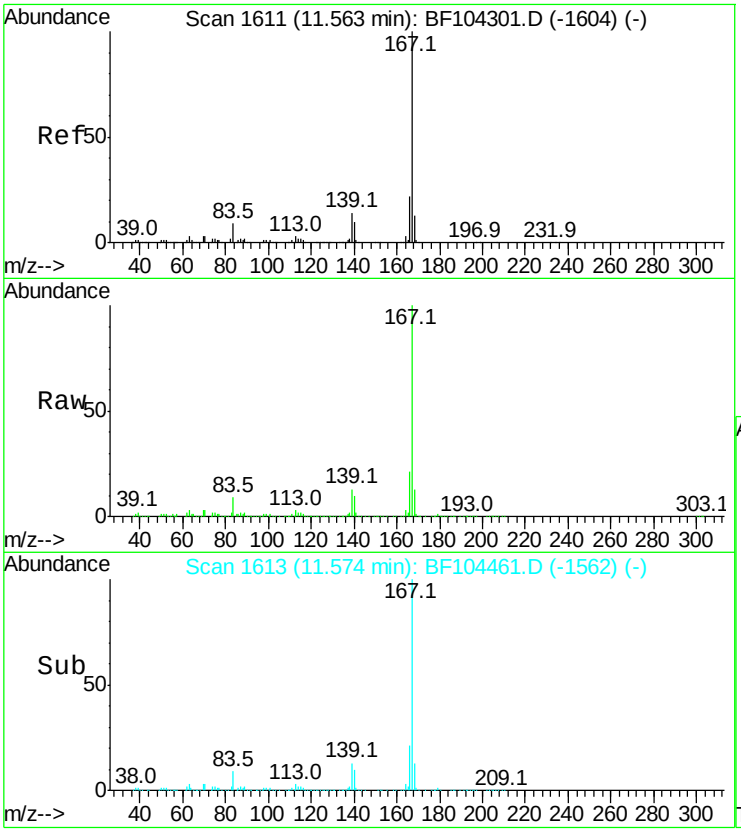


#71
Anthracene
Concen: 37.034 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:178 Resp: 527302

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0



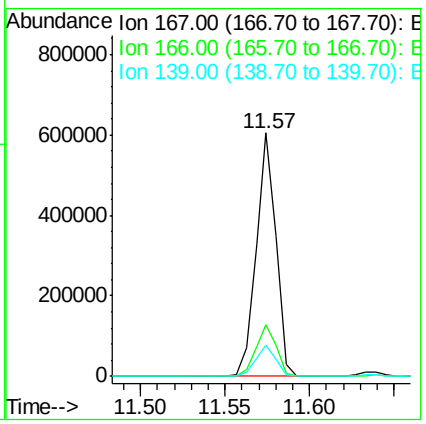


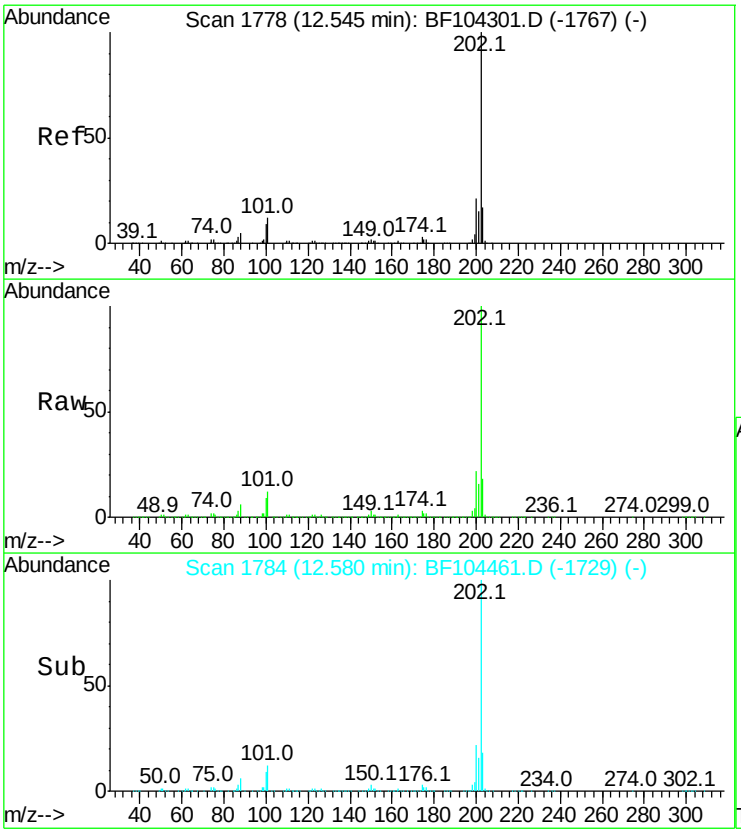
#72
Carbazole
Concen: 35.366 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 492064

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.0	10.9	16.3

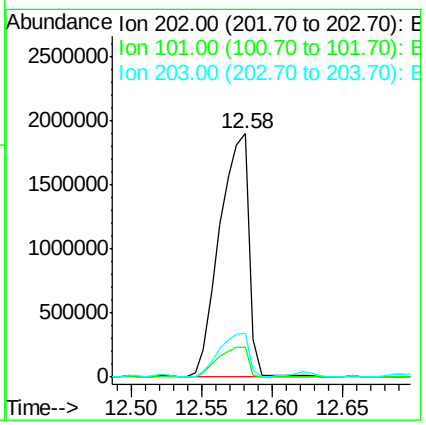


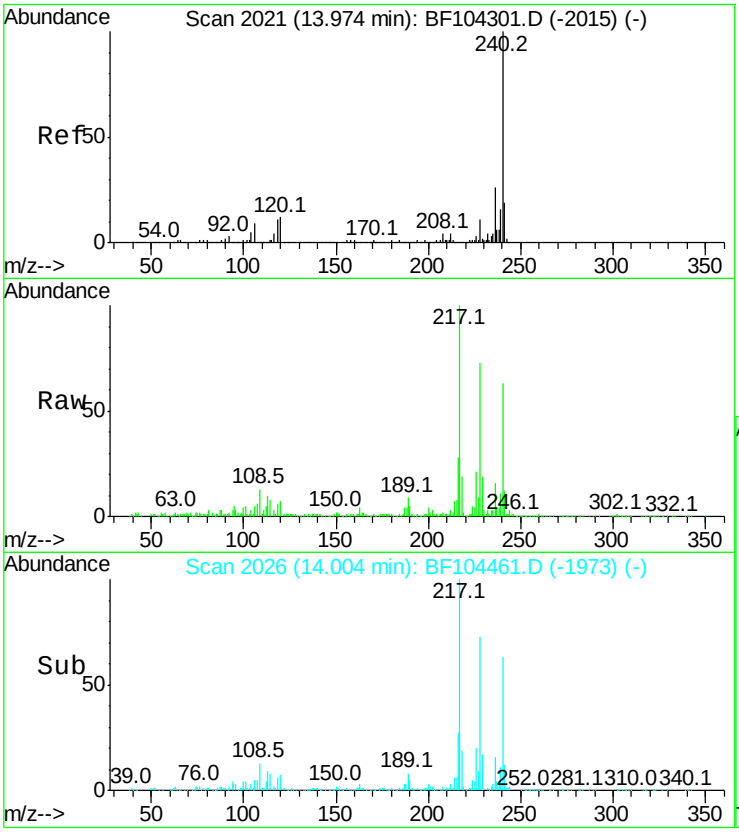


#74
Fluoranthene
Concen: 186.410 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:202 Resp: 2728074

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.2	0.0	38.1



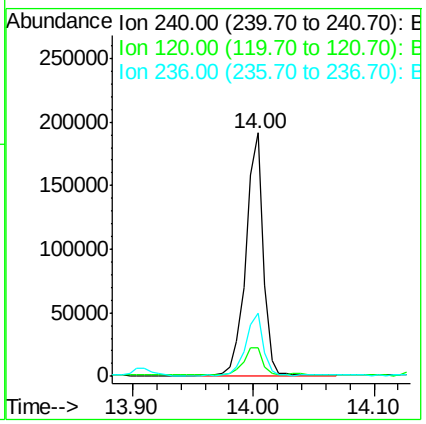


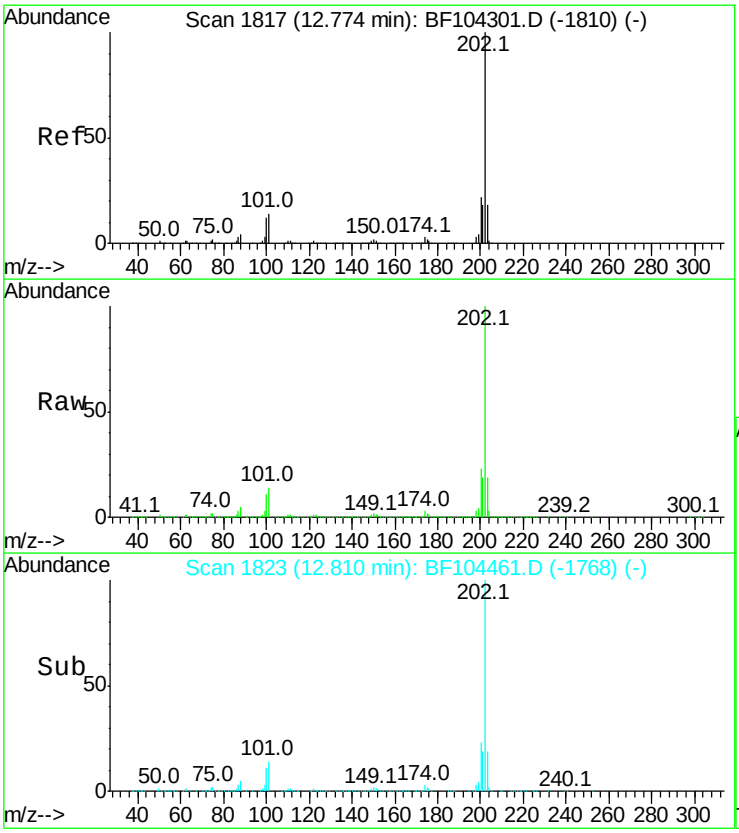
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 193853

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.7	20.7	31.1

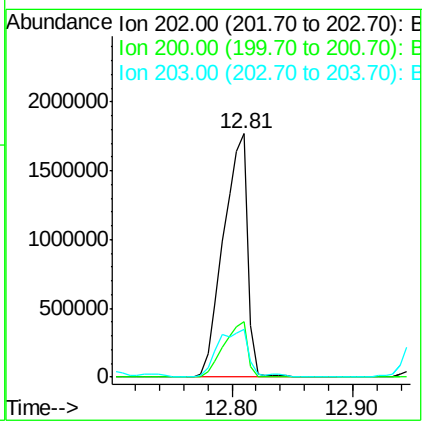


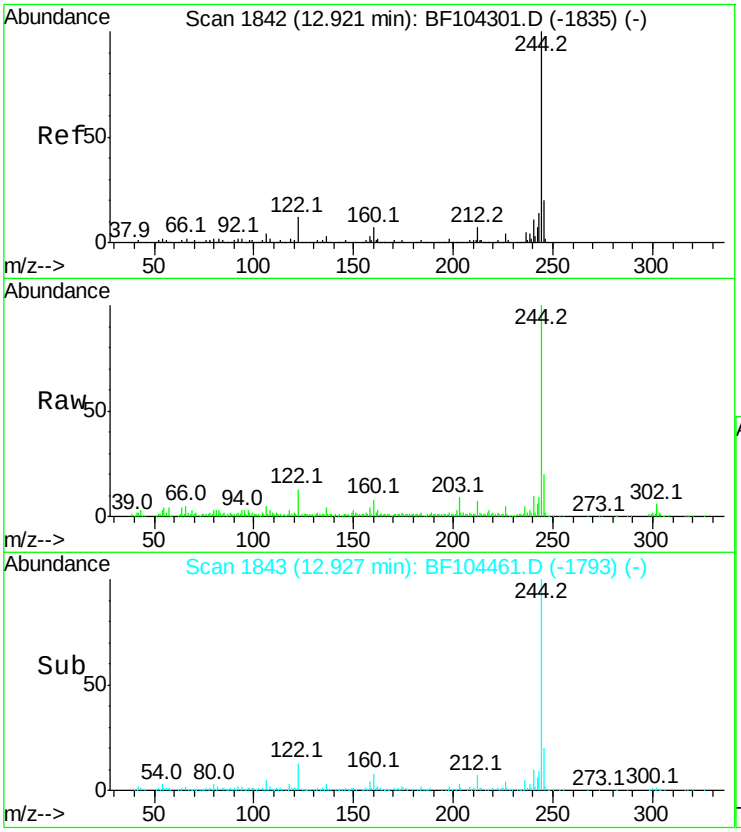


#77
Pyrene
Concen: 168.864 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:202 Resp: 2426418

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	19.4	14.3	21.5



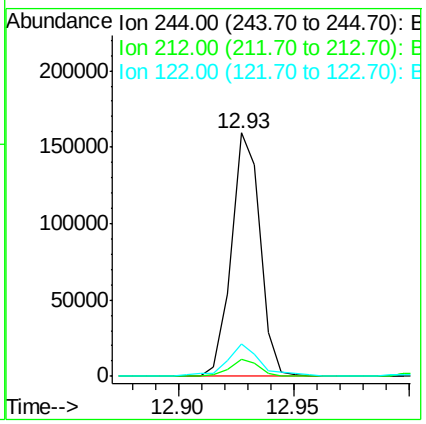


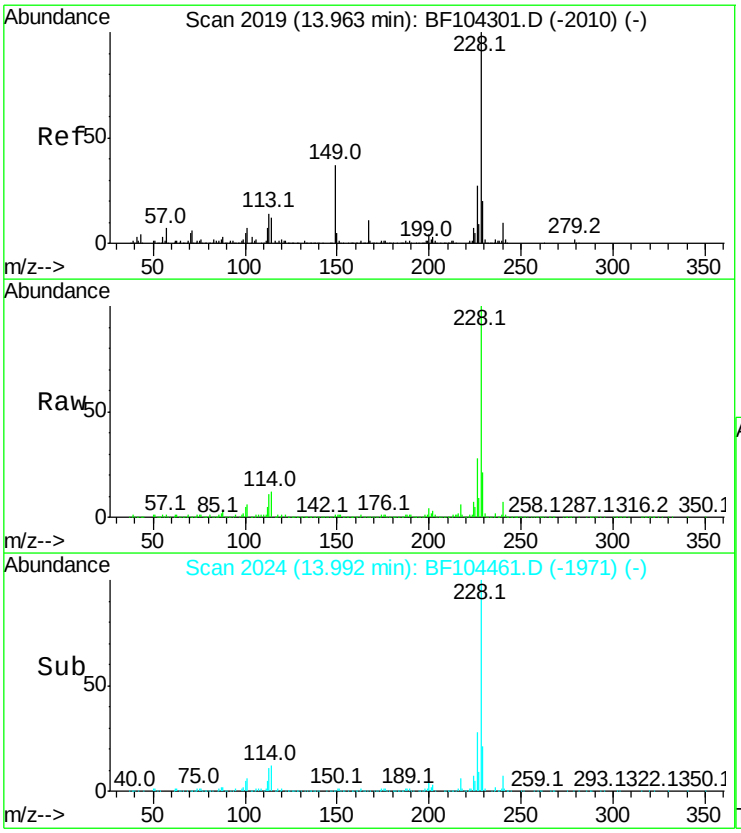
#78
Terphenyl-d14
Concen: 16.278 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 138411

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.4	11.0	16.4

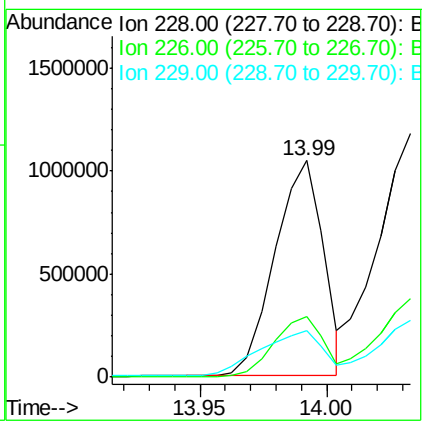


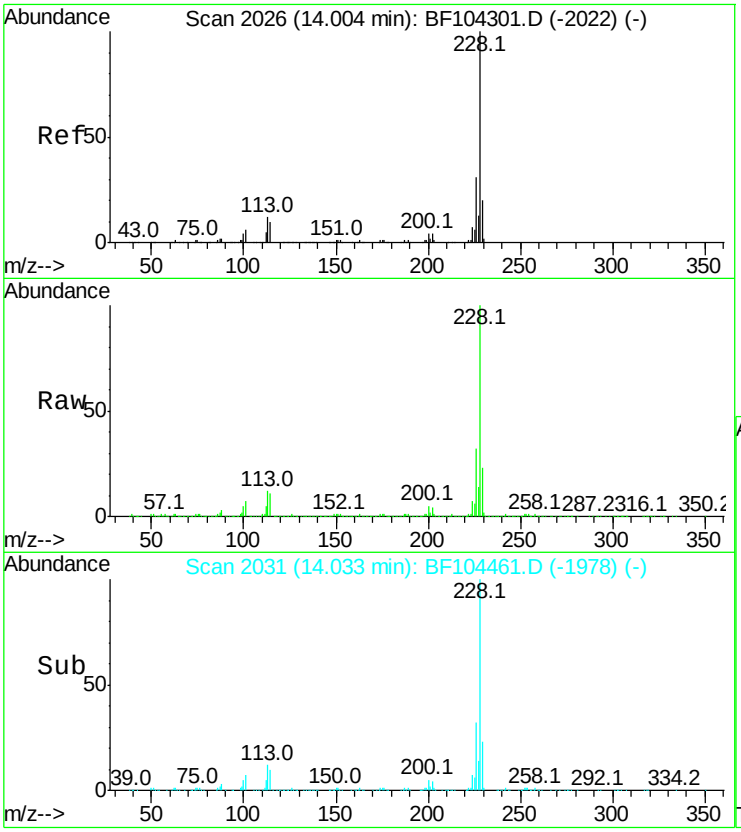


#80
Benzo(a)anthracene
Concen: 119.295 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:228 Resp: 1381554

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.3	15.8	23.6



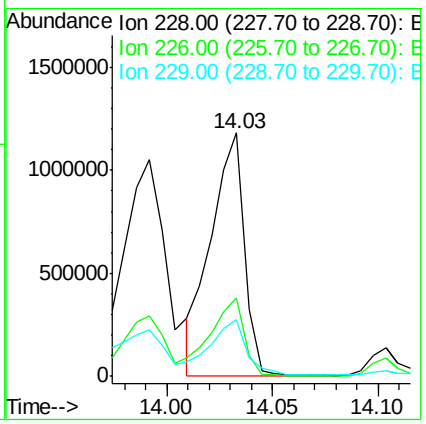


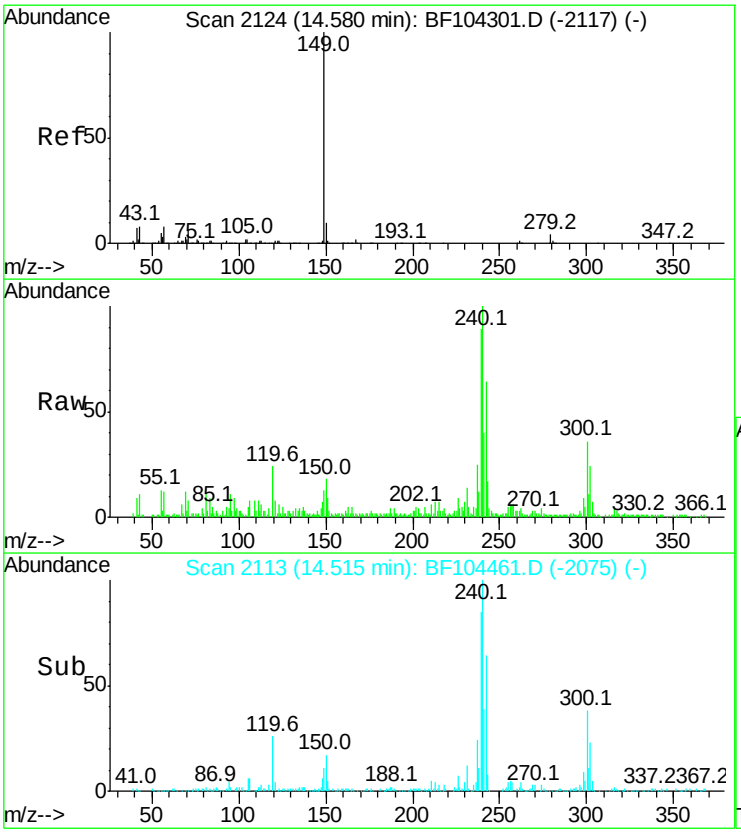
#82
Chrysene
Concen: 108.033 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1285101

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	23.2	16.2	24.4

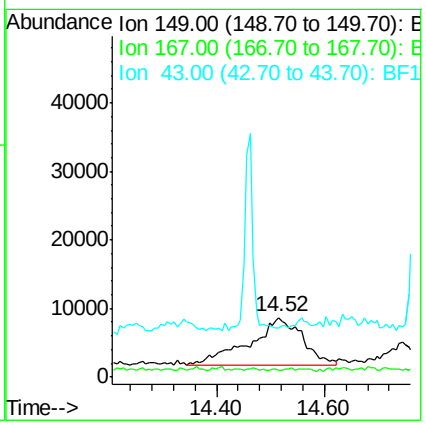


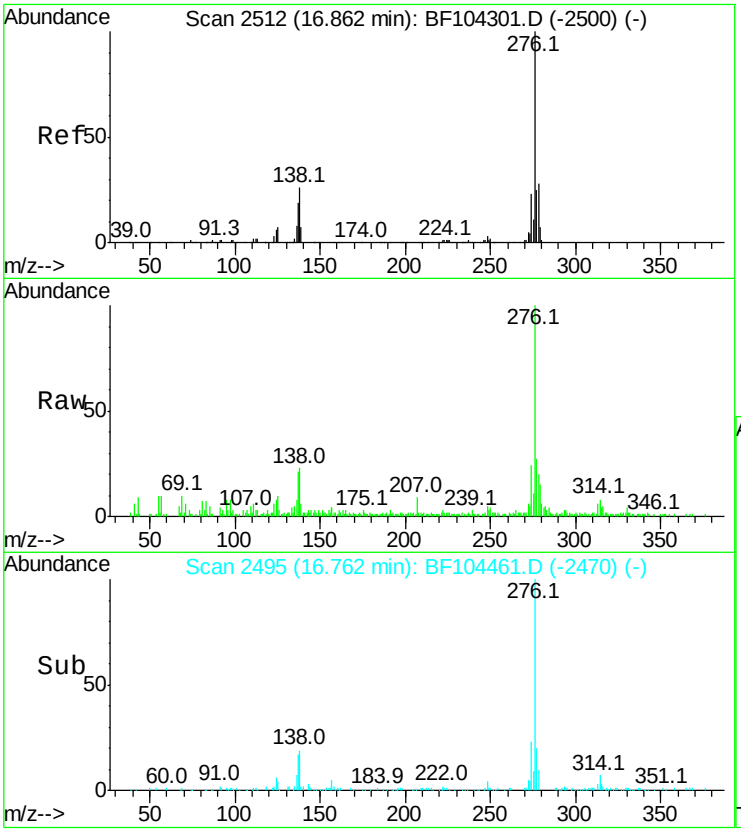


#84
Di-n-octyl phthalate
Concen: 3.192 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.08 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:149 Resp: 46437

Ion	Ratio	Lower	Upper
149	100		
167	0.2	1.2	1.8#
43	0.0	8.4	12.6#



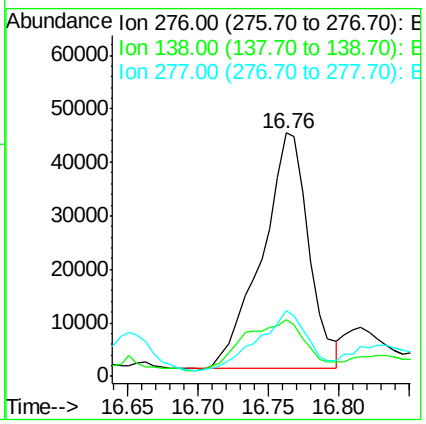


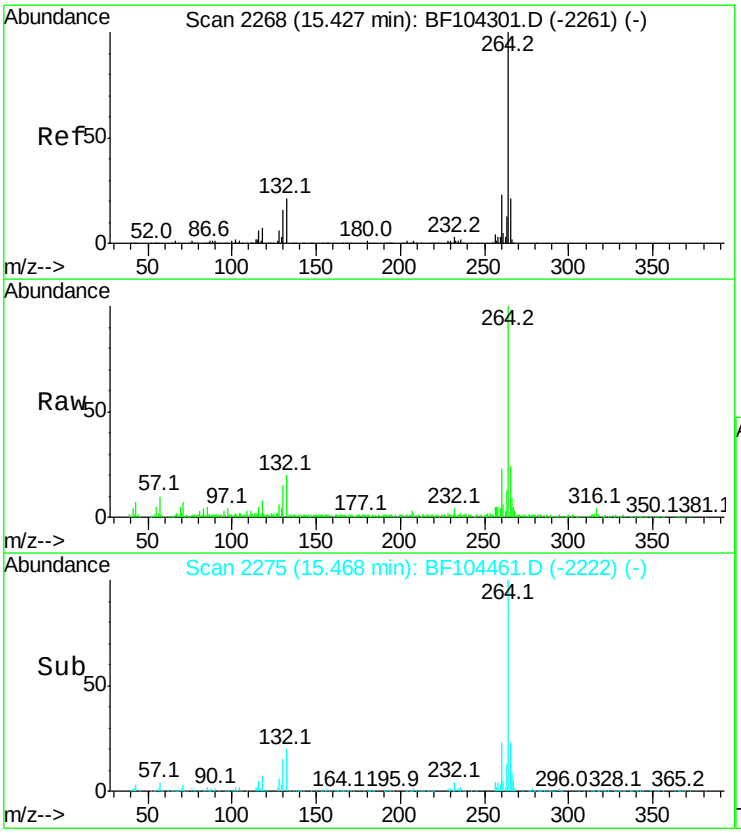
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.148 ng
RT: 16.76 min Scan# 2495
Delta R.T. -0.15 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 102548

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	27.2	20.1	30.1

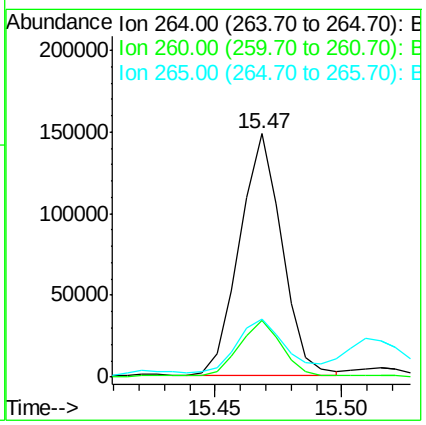


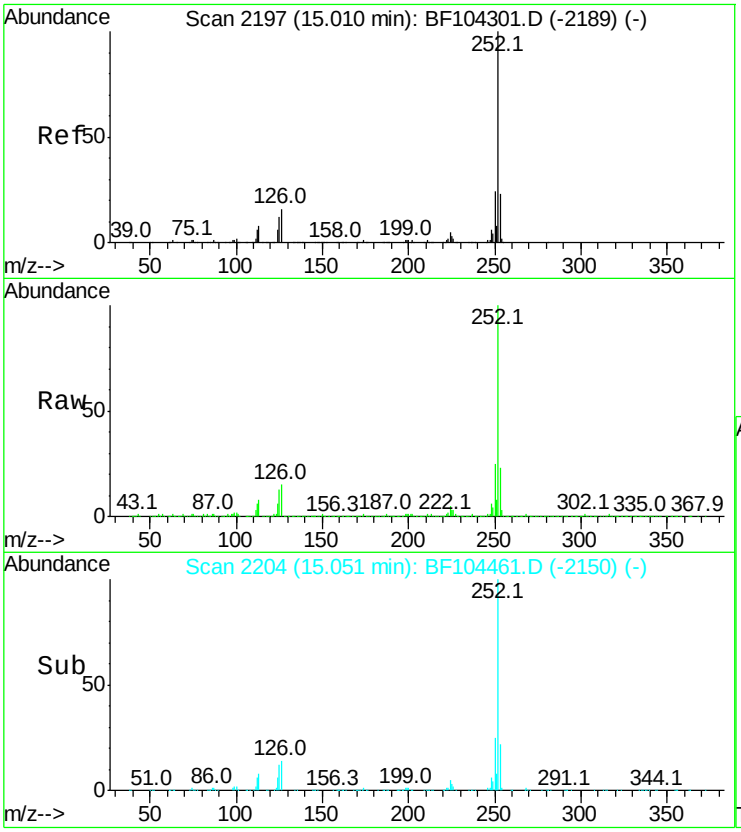


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:264 Resp: 172630

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.8	17.5	26.3



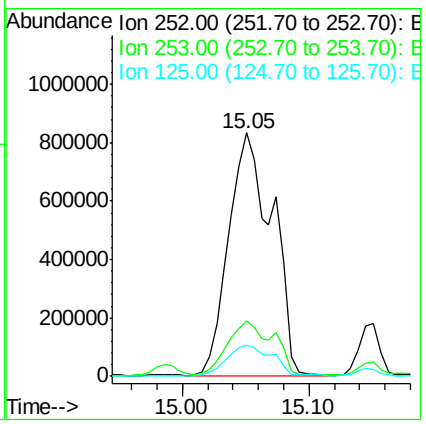


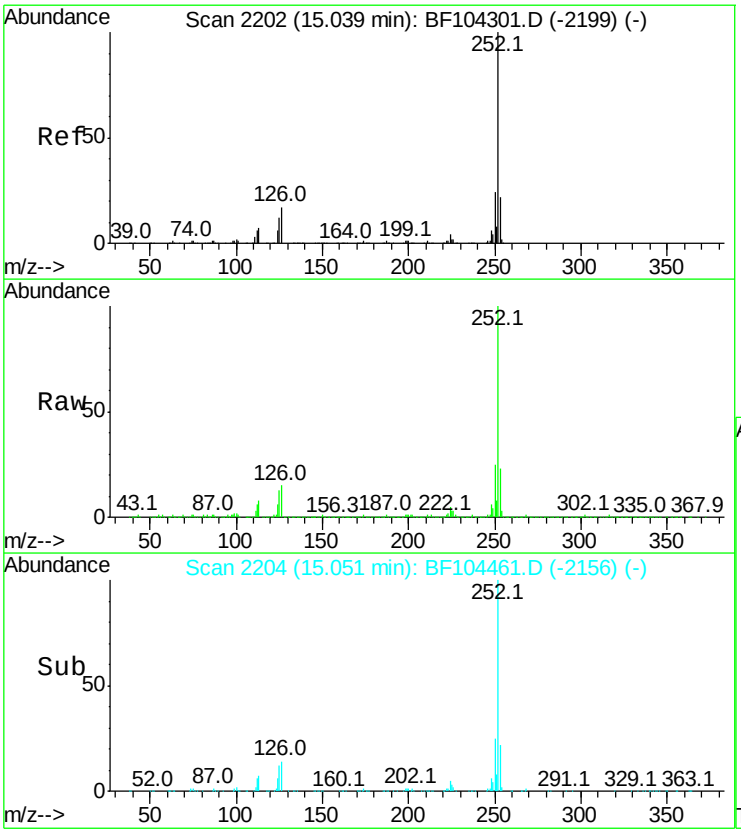
#87
Benzo(b)fluoranthene
Concen: 181.237 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1976029

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.8	9.0	13.6

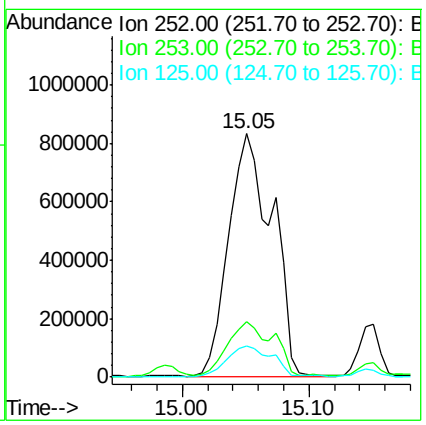


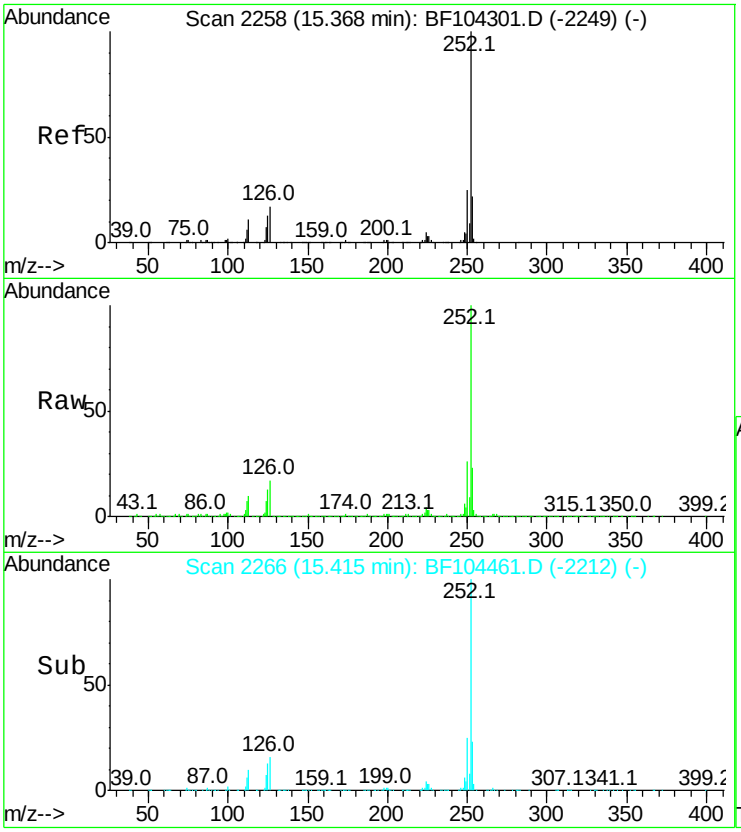


#88
Benzo(k)fluoranthene
Concen: 191.970 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:252 Resp: 1976029

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.8	10.2	15.2



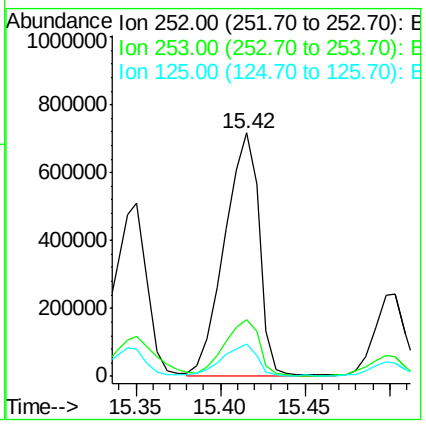


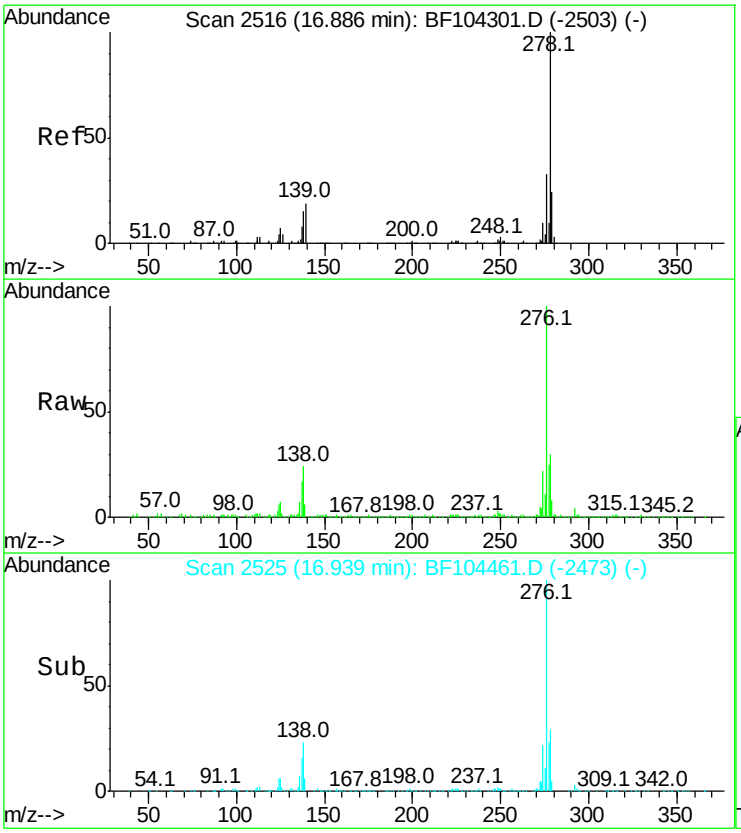
#89
Benzo(a)pyrene
Concen: 103.972 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1014299

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.3	9.8	14.6

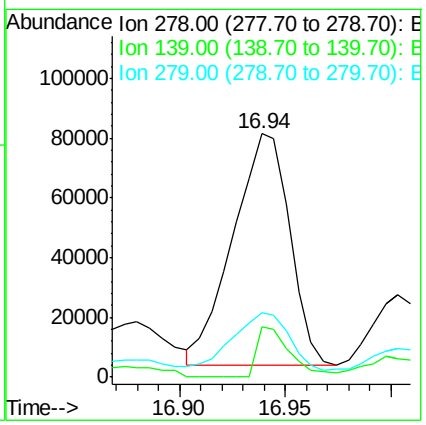


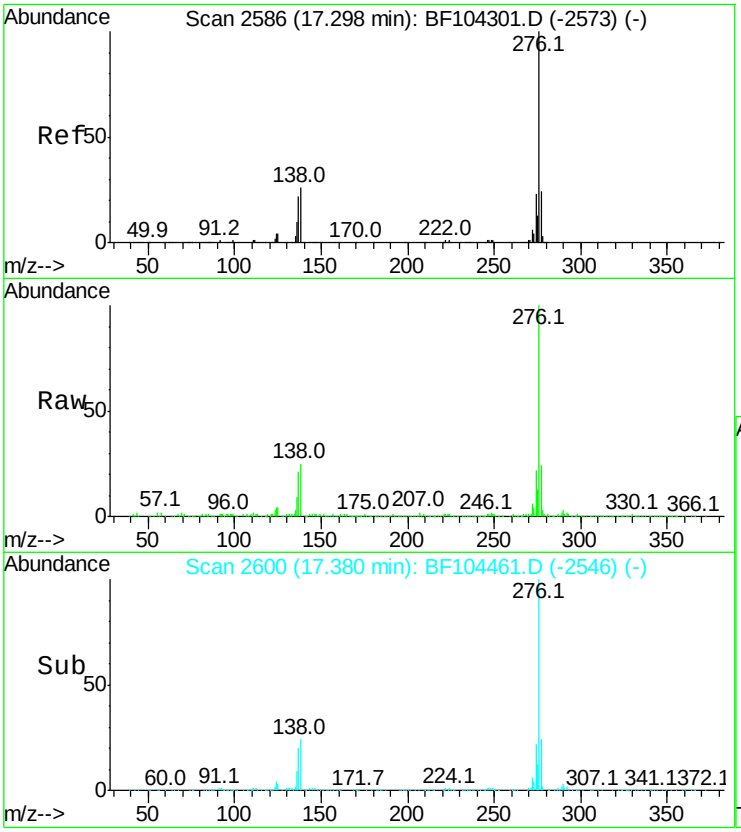


#90
Dibenzo(a,h)anthracene
Concen: 18.035 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Tgt Ion:278 Resp: 144500

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.9	23.9
279	26.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 68.355 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.02 min
Lab File: BF104461.D
Acq: 12 Apr 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 530604

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.8	21.8	32.8