Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105088.D
Acq On : 3 May 2018 22:19
Operator : JU/SJ
Sample : J2669-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 04 02:00:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	114105	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	437927	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	183267	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	256847	20.00	ng		0.00
75) Chrysene-d12	14.02	240	169238	20.00	ng		-0.02
86) Perylene-d12	15.56	264	136974	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	370088	49.59	ng		0.00
7) Phenol-d6	6.43	99	462119	50.40	ng		-0.01
23) Nitrobenzene-d5	7.35	82	261116	38.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	84154	44.27	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	450054	38.79	ng		-0.02
78) Terphenyl-d14	12.90	244	313152	42.19	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	7391	Below Cal			89
19) n-Nitroso-di-n-propylamine	7.35	70	34112	5.69	ng	#	73
25) Isophorone	7.35	82	261114	18.41	ng	#	64
31) Naphthalene	8.09	128	1106960	50.76	ng		99
33) 4-Chloroaniline	8.09	127	149399	15.99	ng	#	32
37) 2-Methylnaphthalene	8.78	142	649801	46.07	ng		98
45) 1,1'-Biphenyl	9.24	154	115746	7.52	ng		98
48) Acenaphthylene	9.68	152	204065	10.70	ng	#	97
49) Dimethylphthalate	9.54	163	43129	2.98	ng		98
51) Acenaphthene	9.85	154	321348	27.60	ng		100
53) 2,4-Dinitrophenol	10.13	184	107	5.27	ng	#	1
54) Dibenzofuran	10.03	168	908136	55.98	ng		96
55) 4-Nitrophenol	10.03	139	363155	147.67	ng	#	10
57) Fluorene	10.38	166	1104042	93.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.63	198	132	7.44	ng	#	1
70) Phenanthrene	11.36	178	3620532	253.12	ng		99
71) Anthracene	11.40	178	1152375	79.26	ng		100
72) Carbazole	11.56	167	479334	33.74	ng		99
74) Fluoranthene	12.55	202	2751288	184.10	ng		99
76) Benzidine	12.66	184	465	Below Cal		#	1
77) Pyrene	12.78	202	2238836	178.47	ng		99
80) Benzo(a)anthracene	14.00	228	1193730	118.07	ng		98
82) Chrysene	14.04	228	902167	86.87	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	319555	36.22	ng	#	90
87) Benzo(b)fluoranthene	15.13	252	1207259	139.55	ng		96
88) Benzo(k)fluoranthene	15.13	252	1207259	147.82	ng		99
89) Benzo(a)pyrene	15.50	252	629983	81.39	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	58124	9.14	ng		98
91) Benzo(g,h,i)perylene	17.49	276	282085	45.80	ng		95

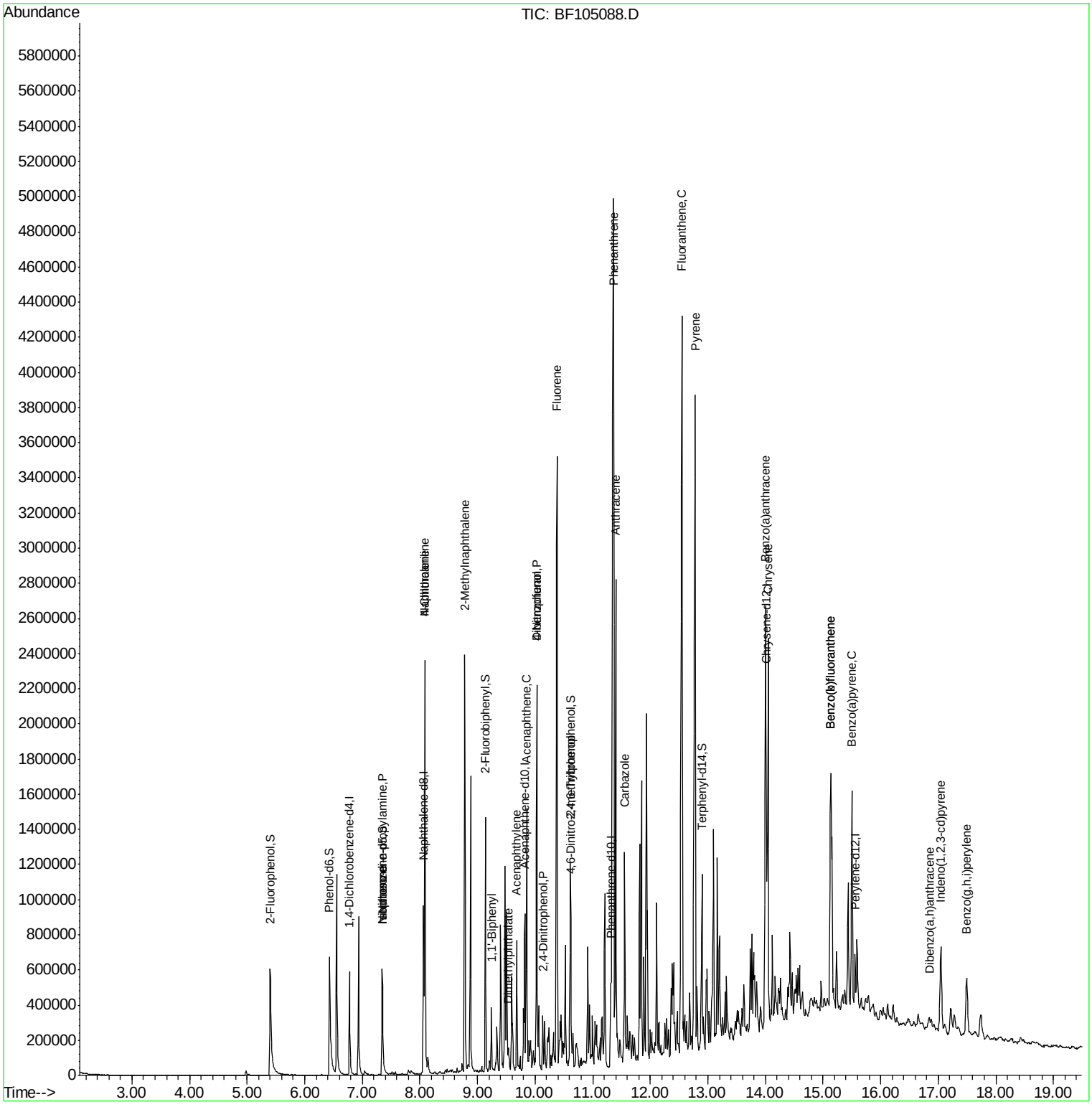
(#) = qualifier out of range (m) = manual integration (+) = signals summed

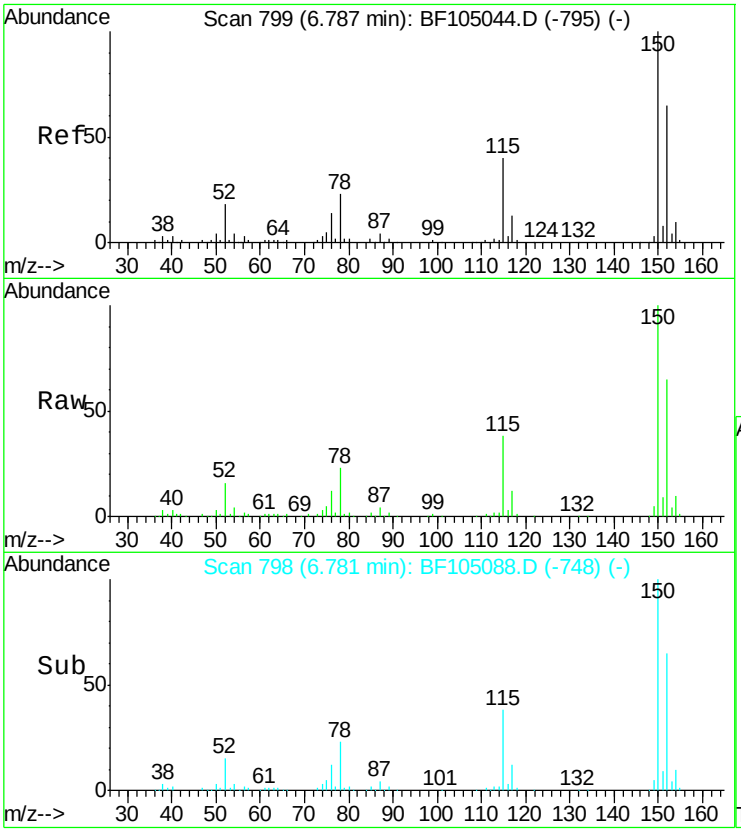
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105088.D
Acq On : 3 May 2018 22:19
Operator : JU/SJ
Sample : J2669-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 04 02:00:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration



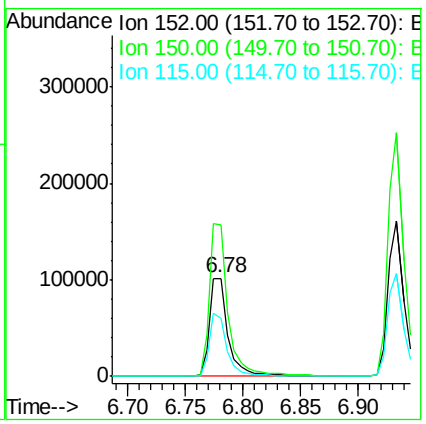


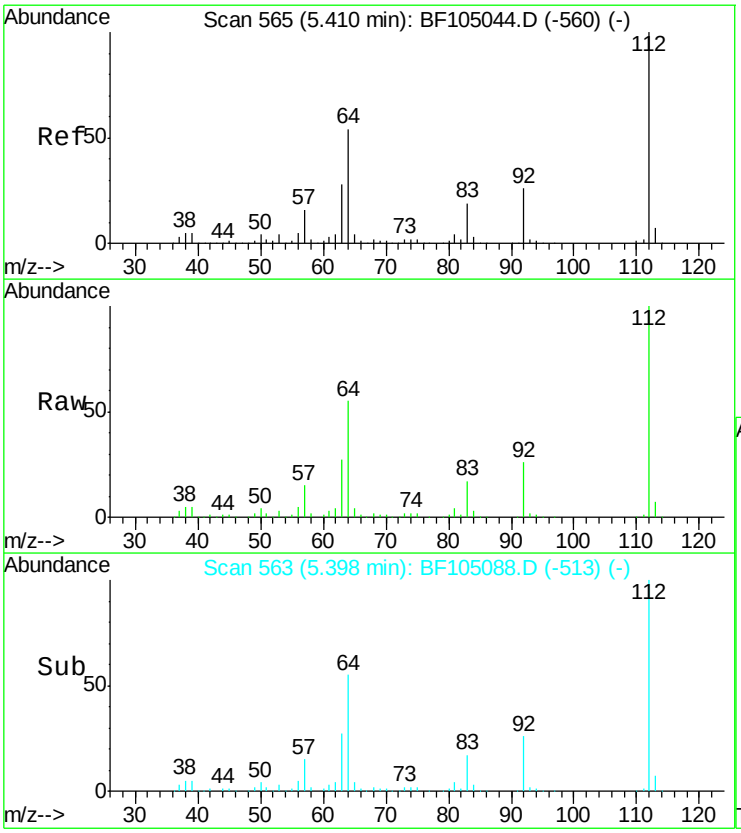
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114105

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.3	50.1	75.1

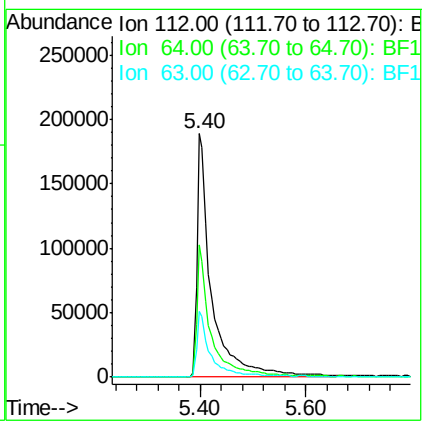


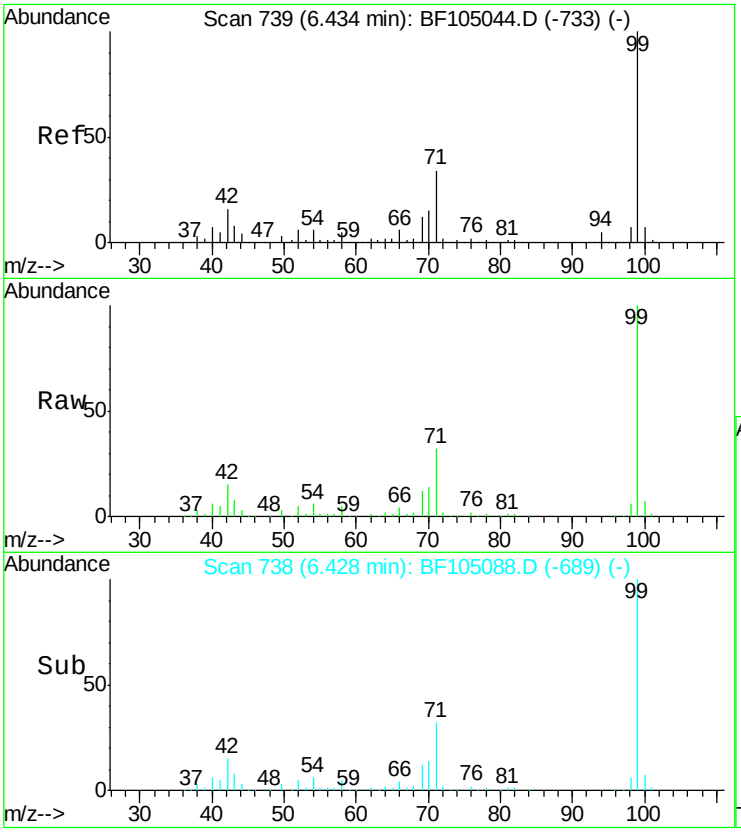


#5
2-Fluorophenol
Concen: 49.59 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:112 Resp: 370088

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.1	23.7	35.5



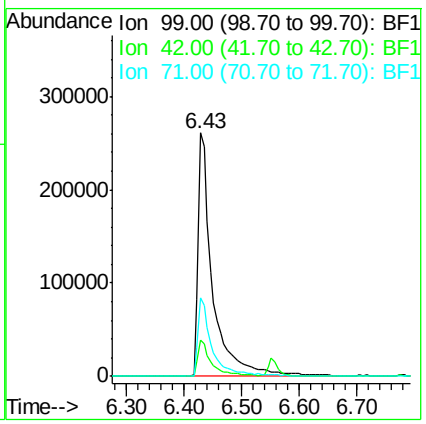


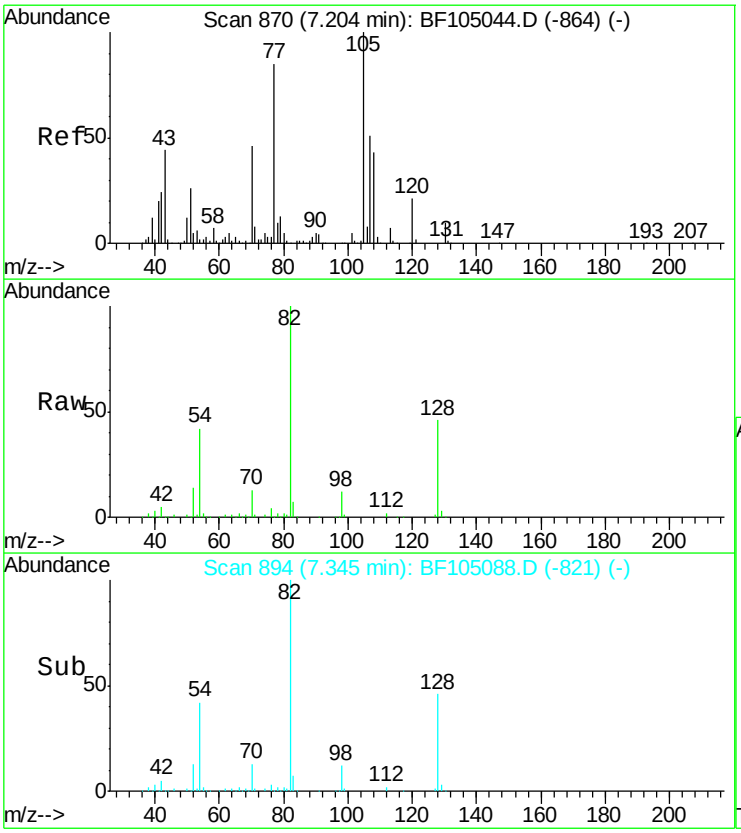
#7
Phenol-d6
Concen: 50.40 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 462119

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	32.0	25.4	38.0

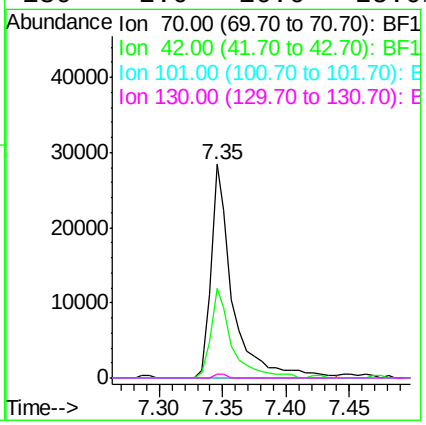


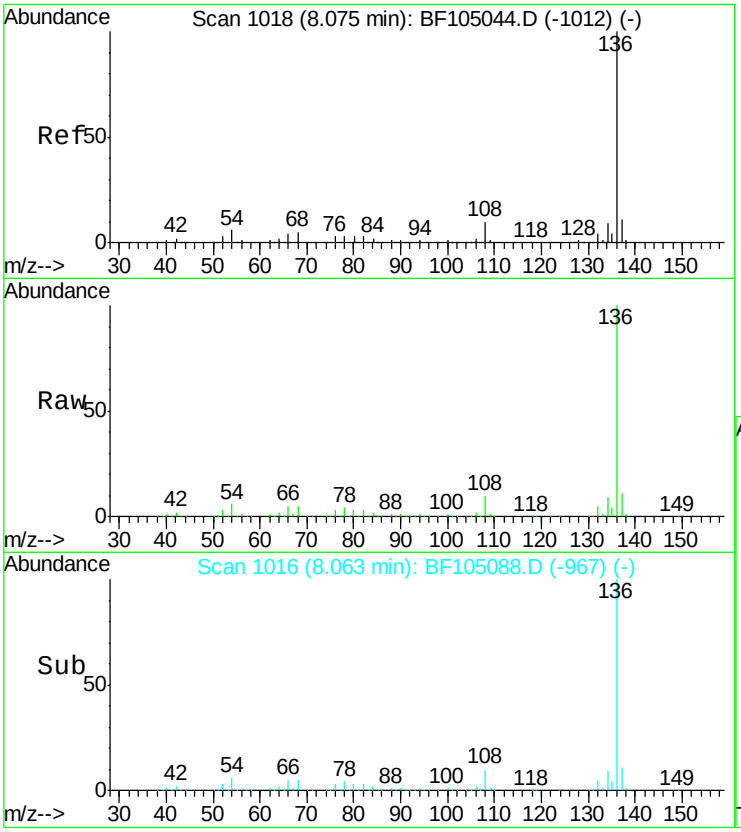


#19
n-Nitroso-di-n-propylamine
Concen: 5.69 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion: 70 Resp: 34112

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



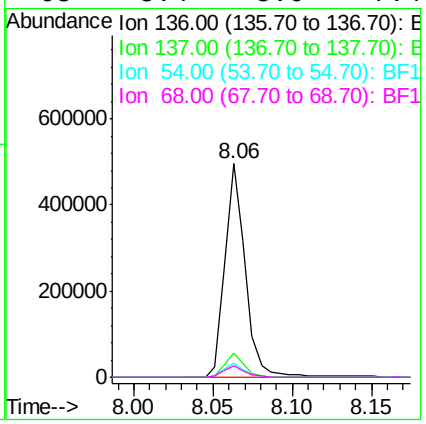


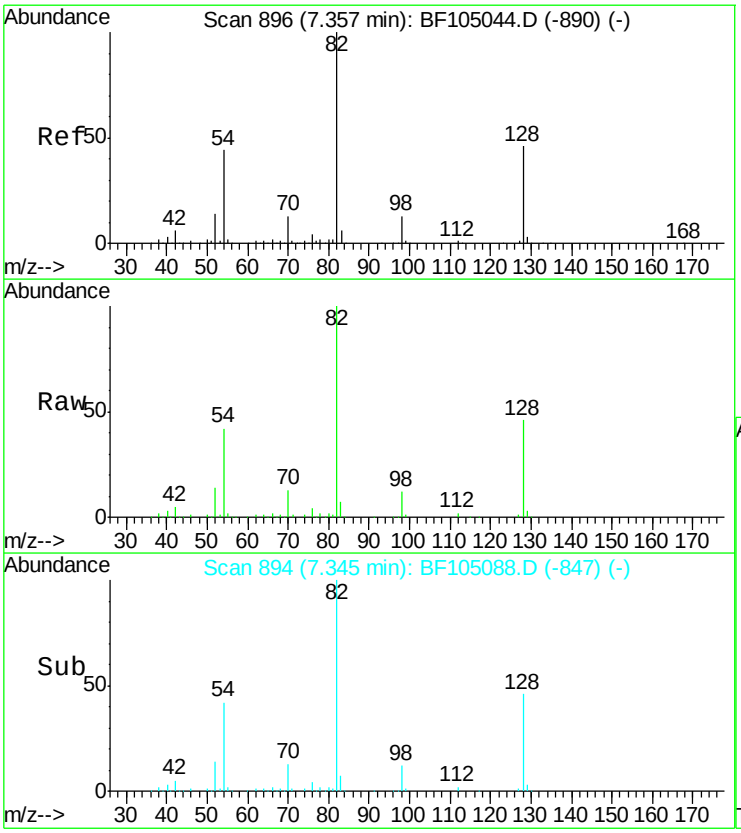
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 437927

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

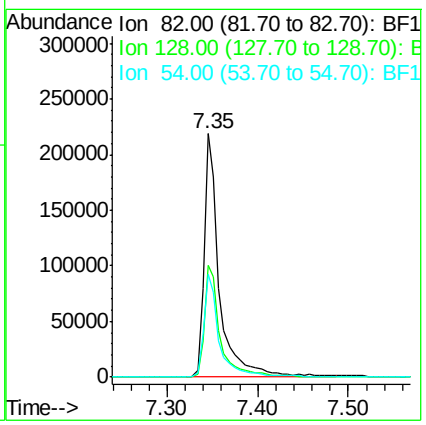


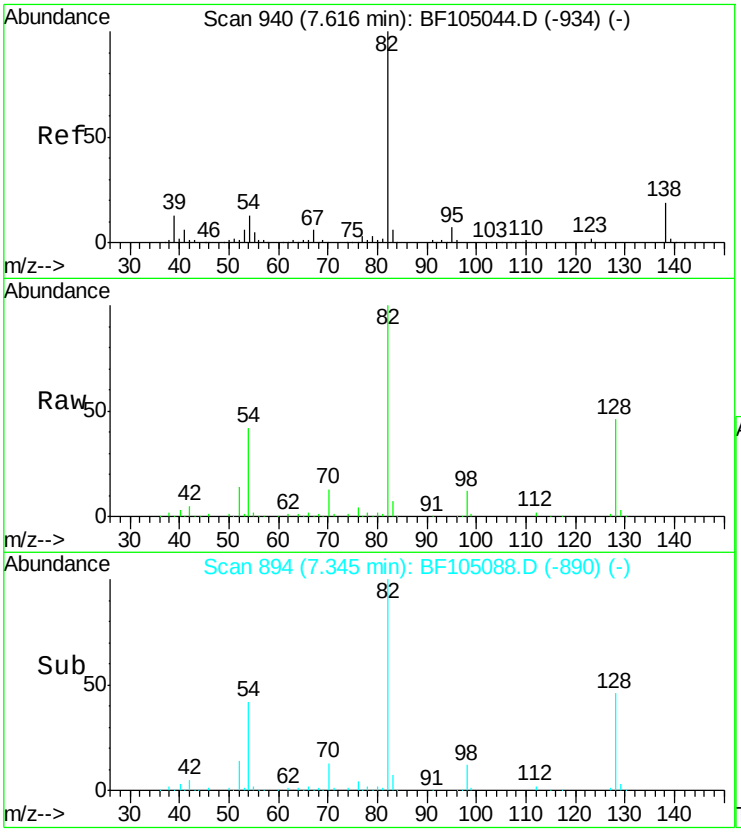


#23
Nitrobenzene-d5
Concen: 38.93 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion: 82 Resp: 261116

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	42.3	41.4	62.2



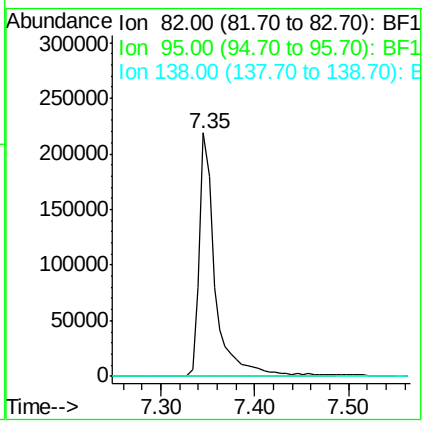


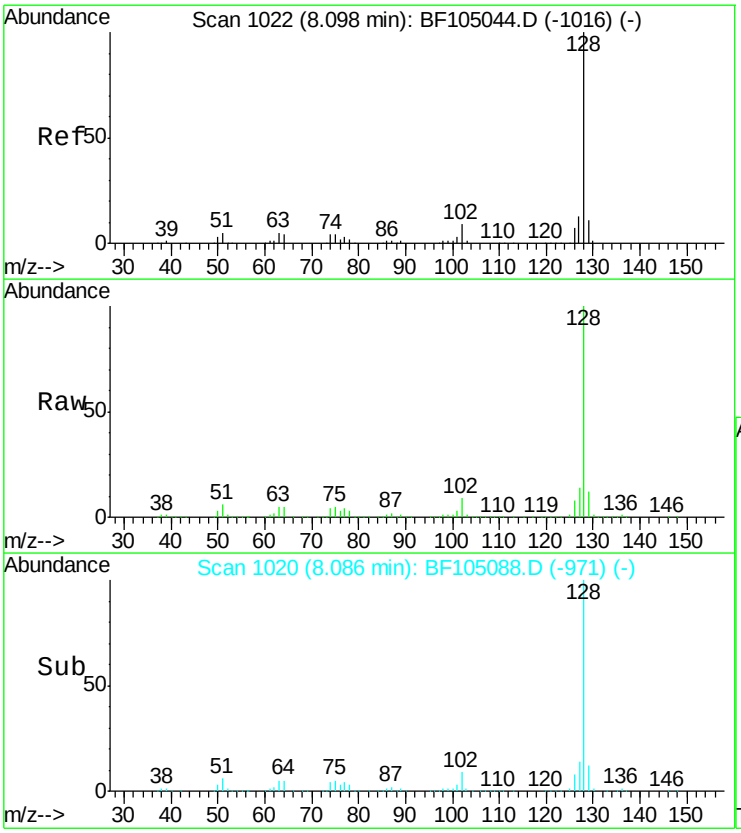
#25
Isophorone
Concen: 18.41 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.28 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 261114

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

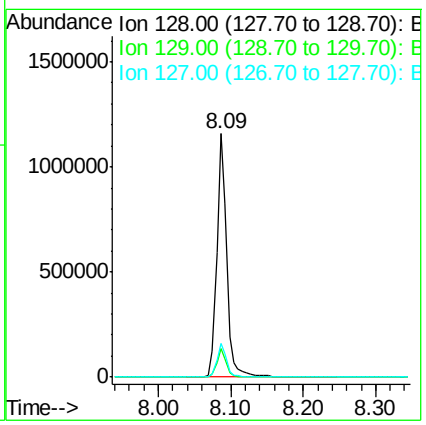


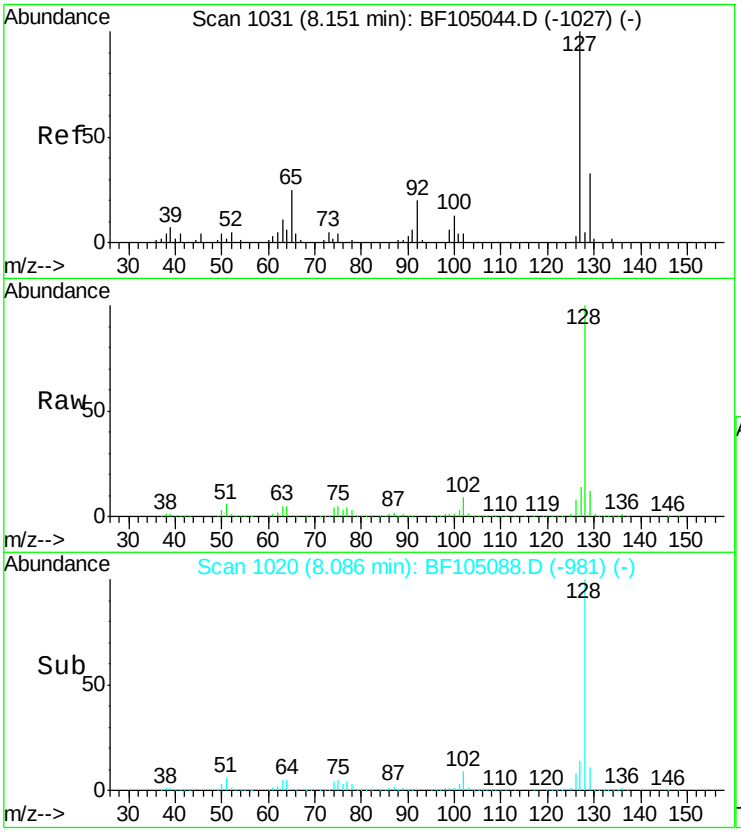


#31
Naphthalene
Concen: 50.76 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:128 Resp: 1106960

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.6	10.9	16.3



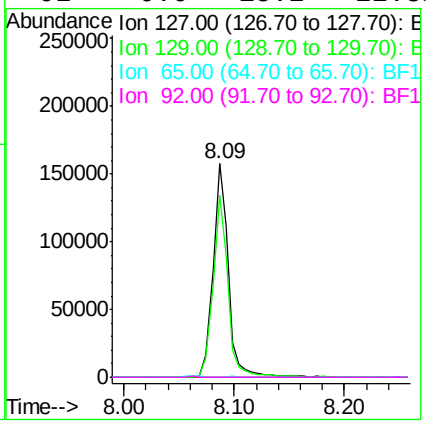


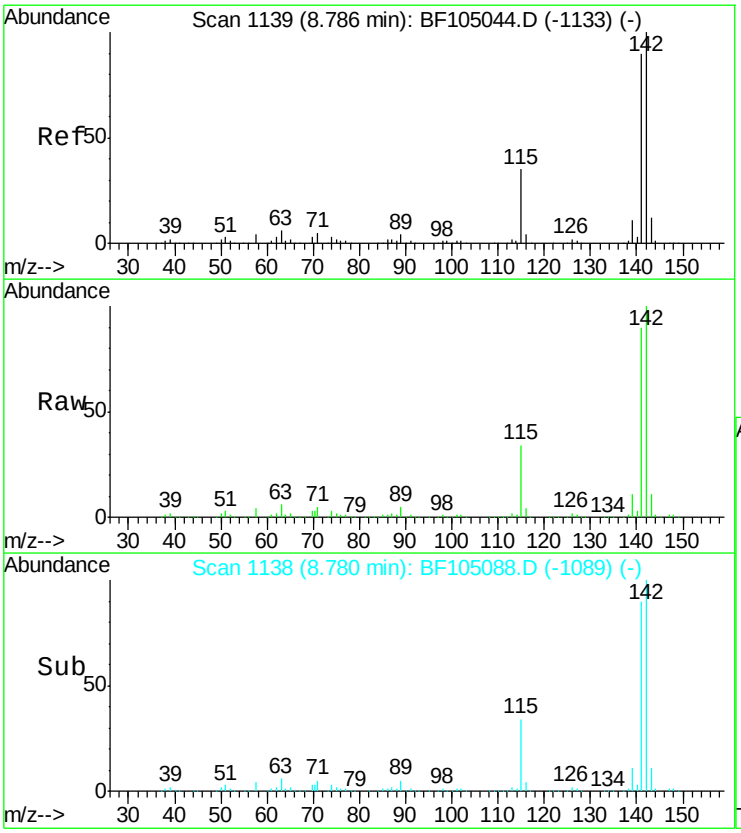
#33
4-Chloroaniline
Concen: 15.99 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.07 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 149399

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

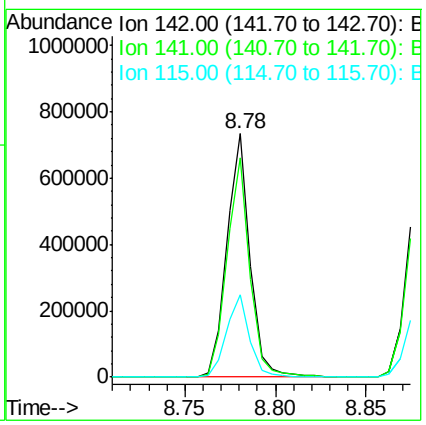


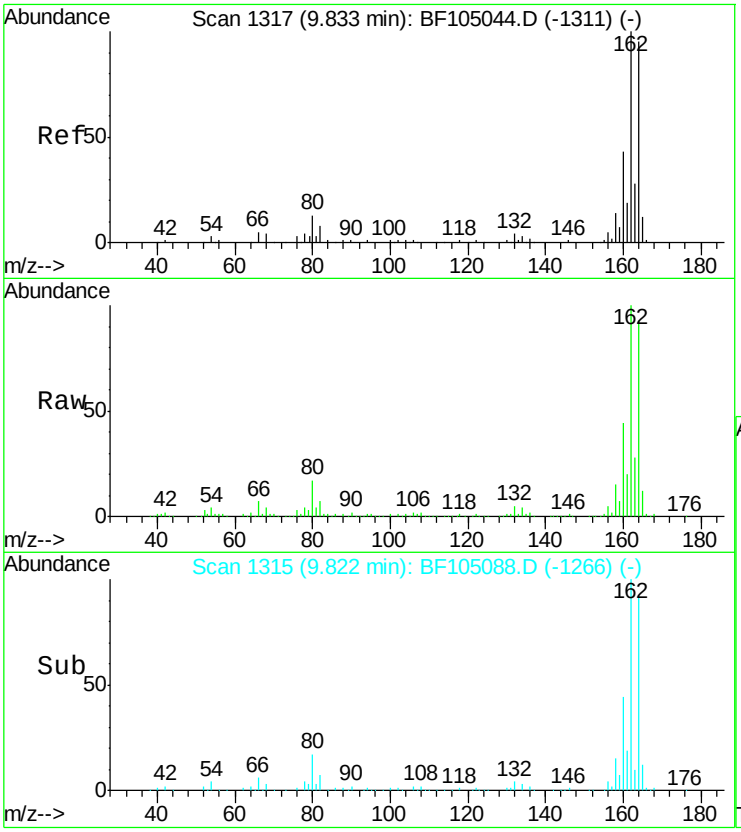


#37
2-Methylnaphthalene
Concen: 46.07 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:142 Resp: 649801

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	34.0	26.1	39.1

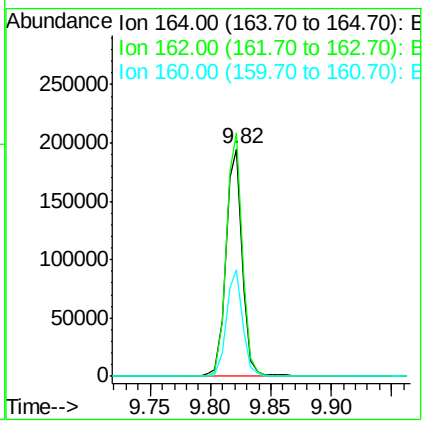




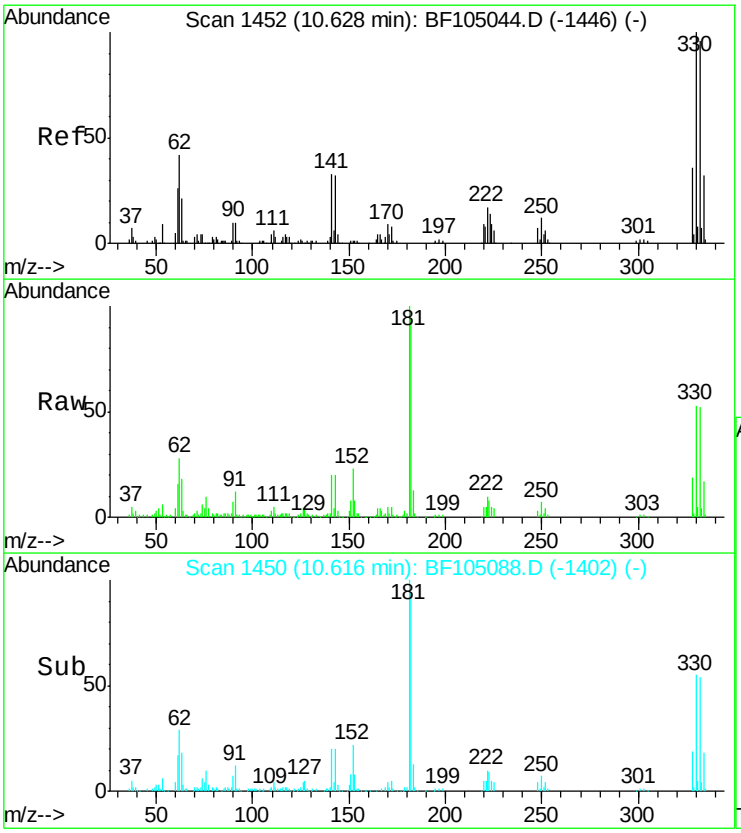
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:164 Resp: 183267

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	46.7	38.3	57.5



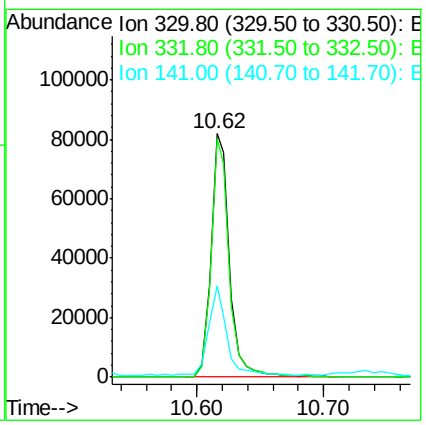
Instrument :
BNA_F
ClientSampleId :

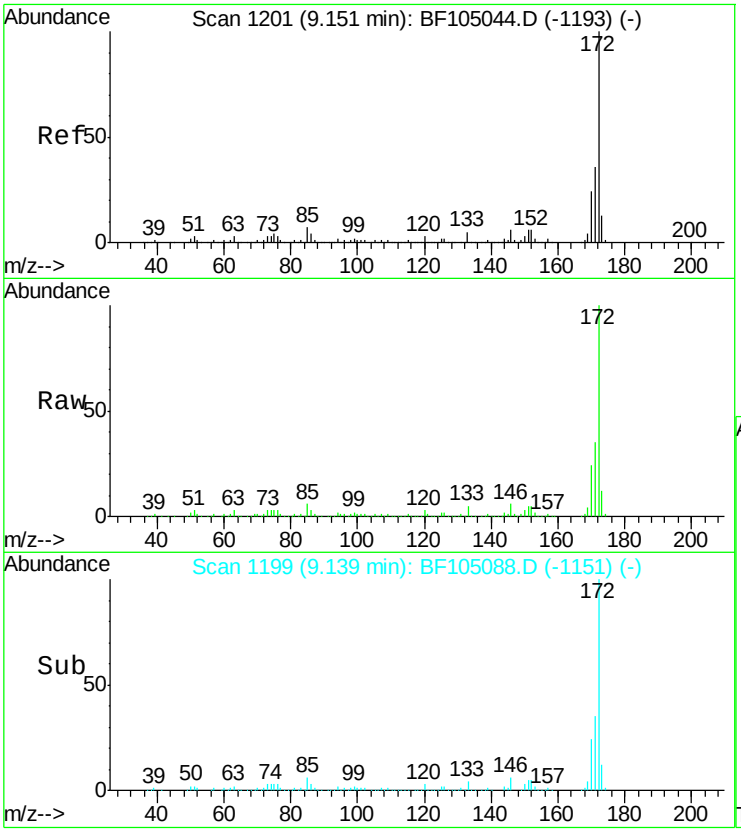


#41
2,4,6-Tribromophenol
Concen: 44.27 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:330 Resp: 84154

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.7	29.9	44.9



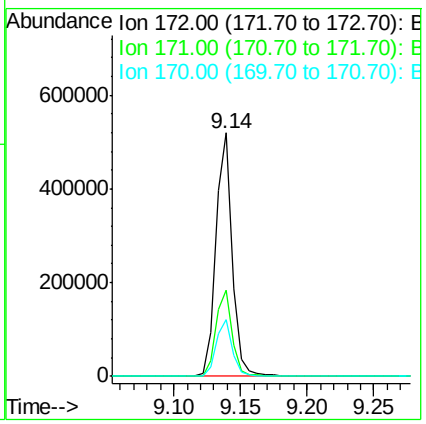


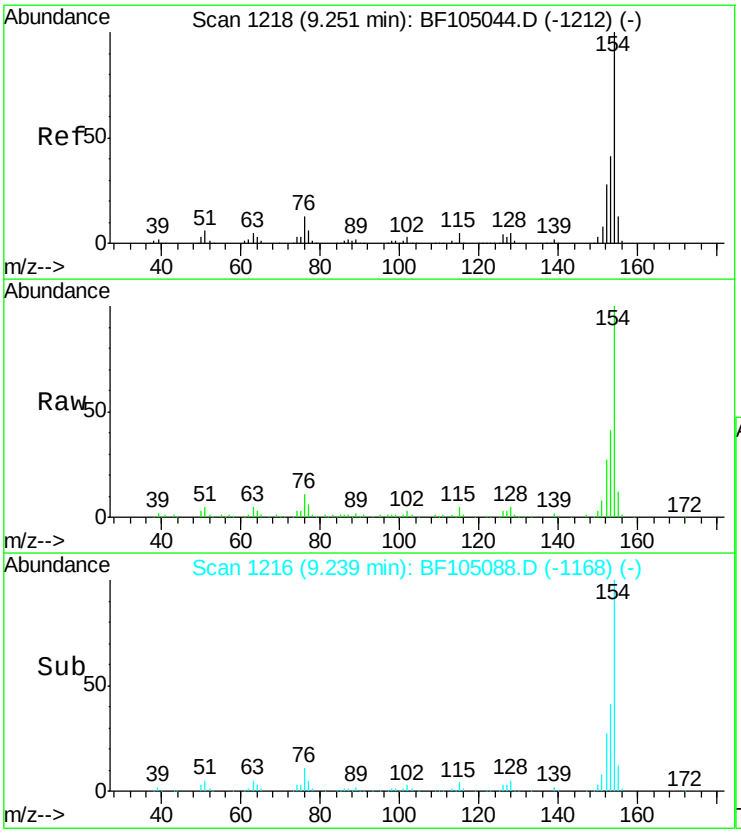
#44
2-Fluorobiphenyl
Concen: 38.79 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 450054

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.5	19.6	29.4

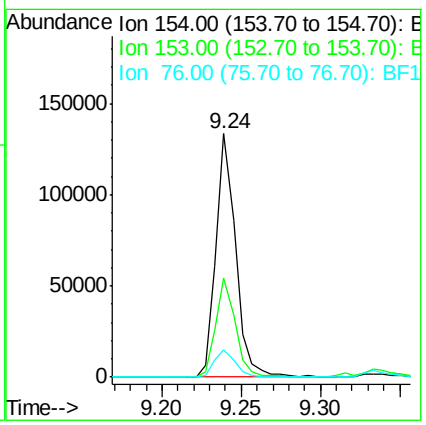


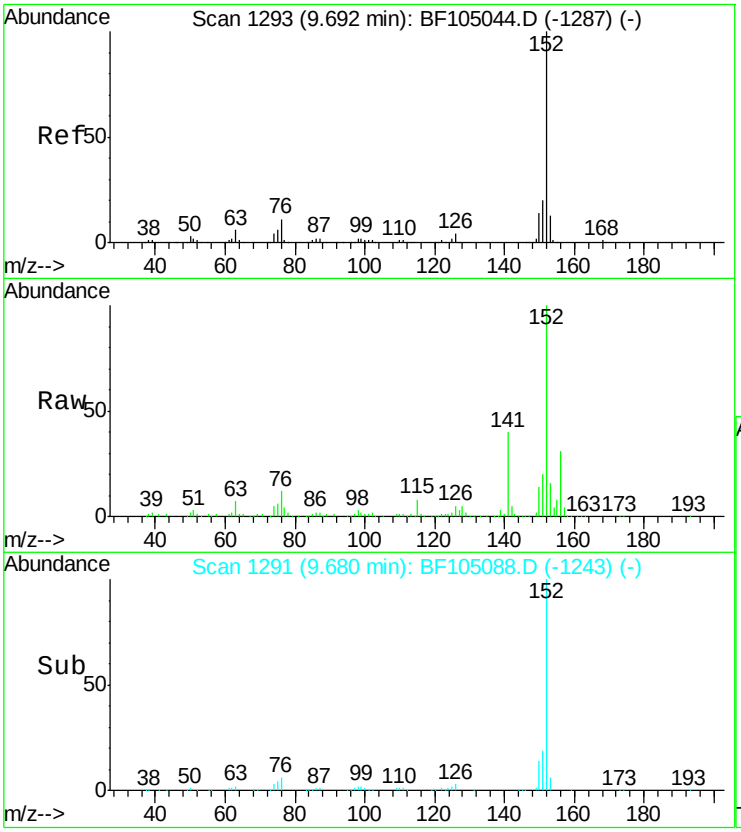


#45
1,1'-Biphenyl
Concen: 7.52 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:154 Resp: 115746

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.1	0.0	34.0



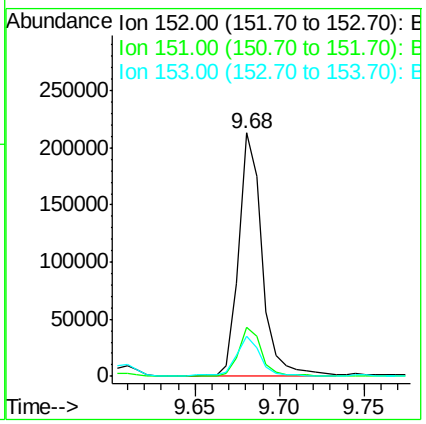


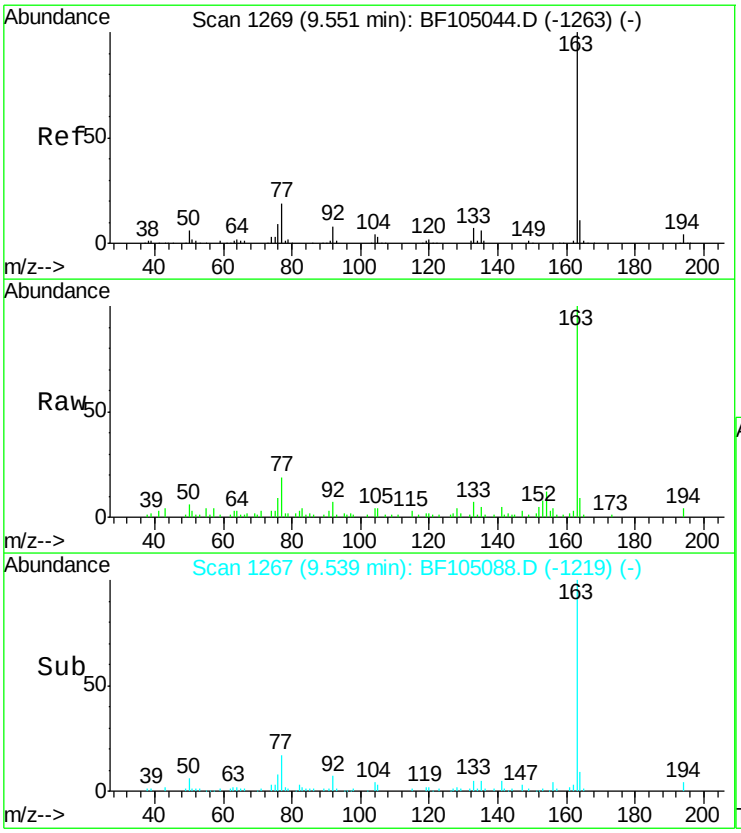
#48
Acenaphthylene
Concen: 10.70 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 204065

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	16.2	10.7	16.1#

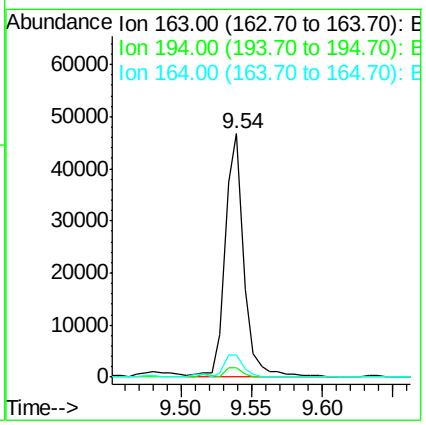


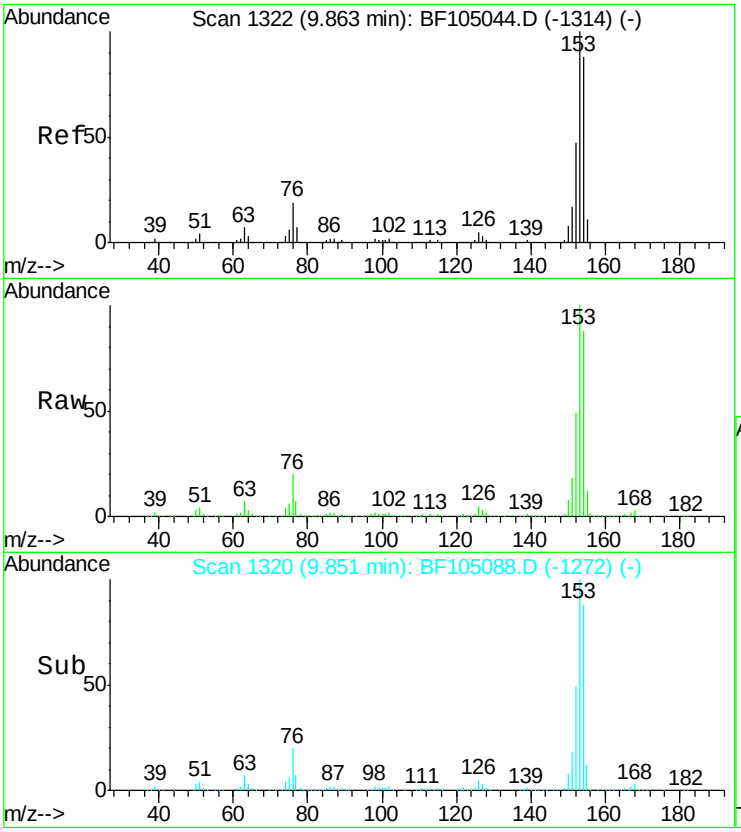


#49
Dimethylphthalate
Concen: 2.98 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:163 Resp: 43129

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.2	8.2	12.2



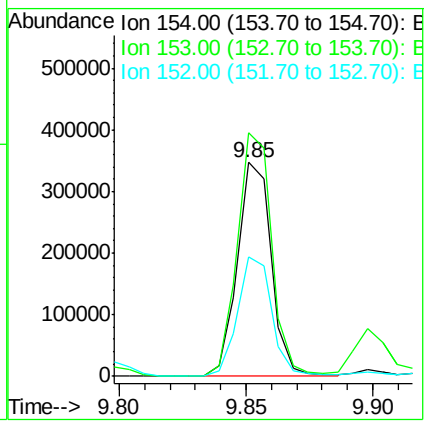


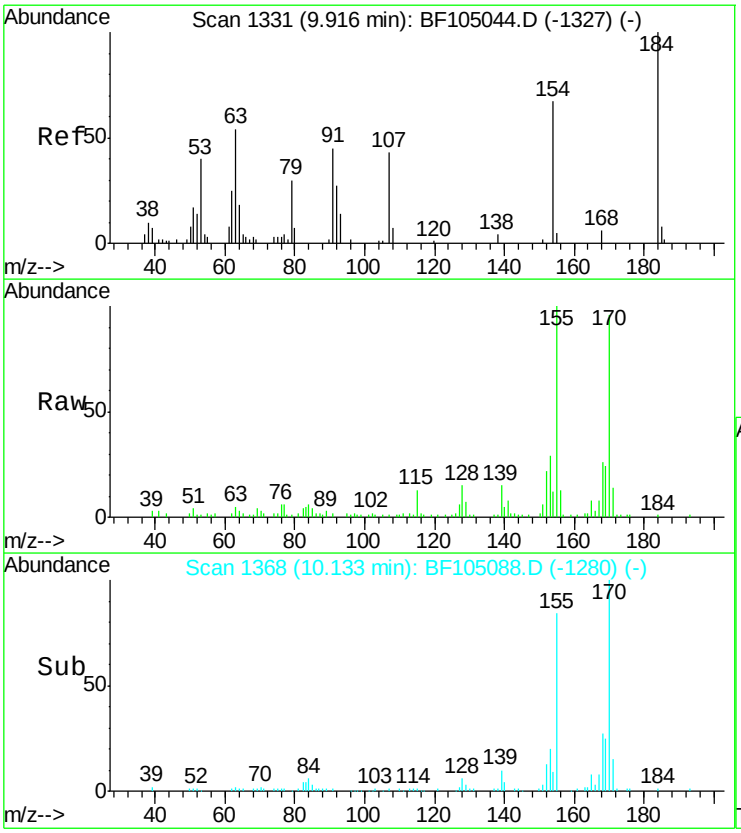
#51
Acenaphthene
Concen: 27.60 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 321348

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.8	43.8	65.8

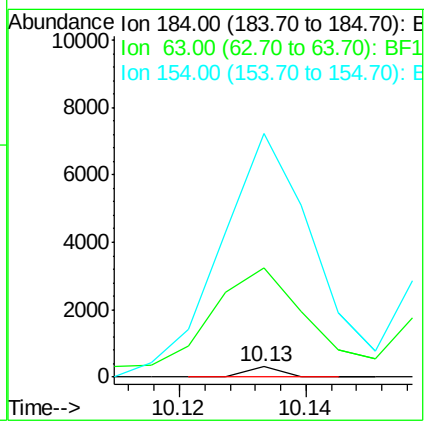


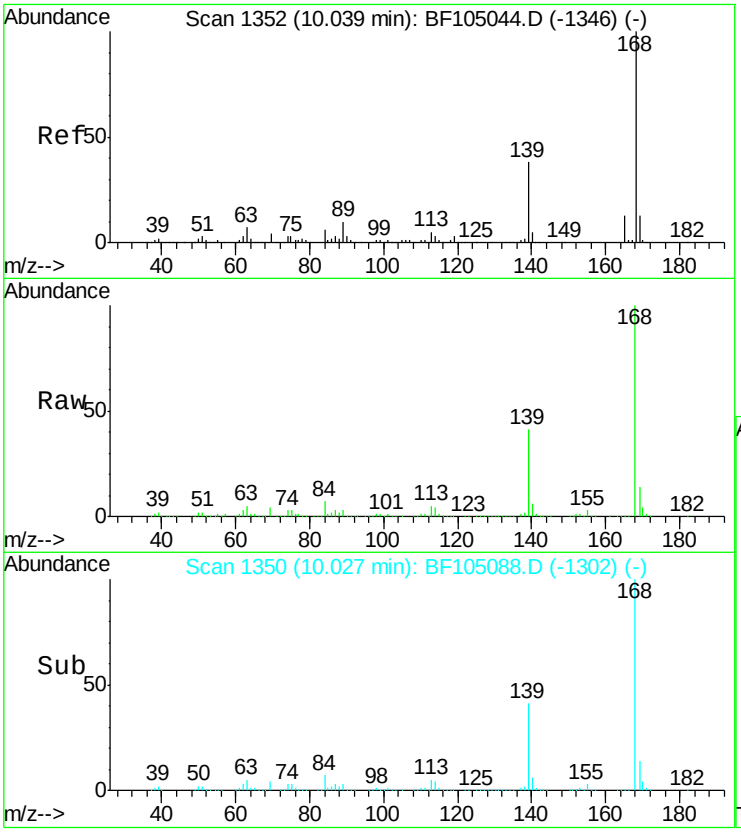


#53
2,4-Dinitrophenol
Concen: 5.27 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.22 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	1071.5	54.2	81.2#
154	2391.7	184.0	276.0#



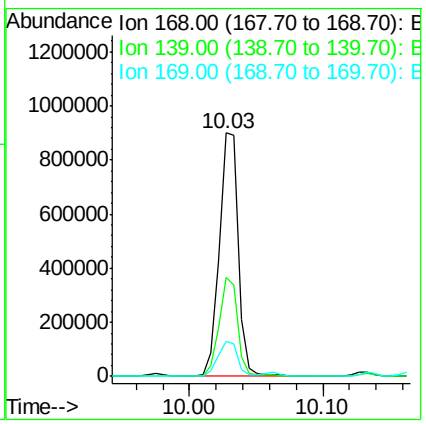


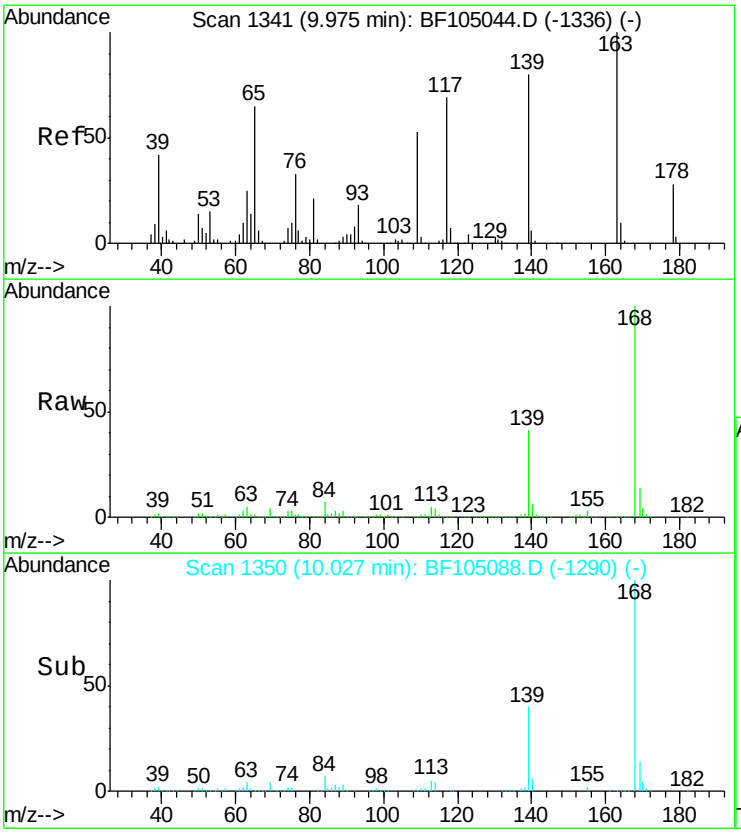
#54
Dibenzofuran
Concen: 55.98 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 908136

Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	14.3	10.9	16.3

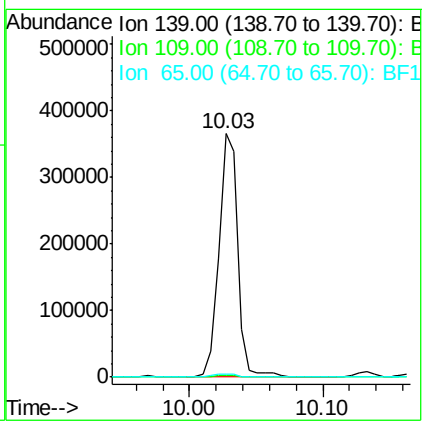


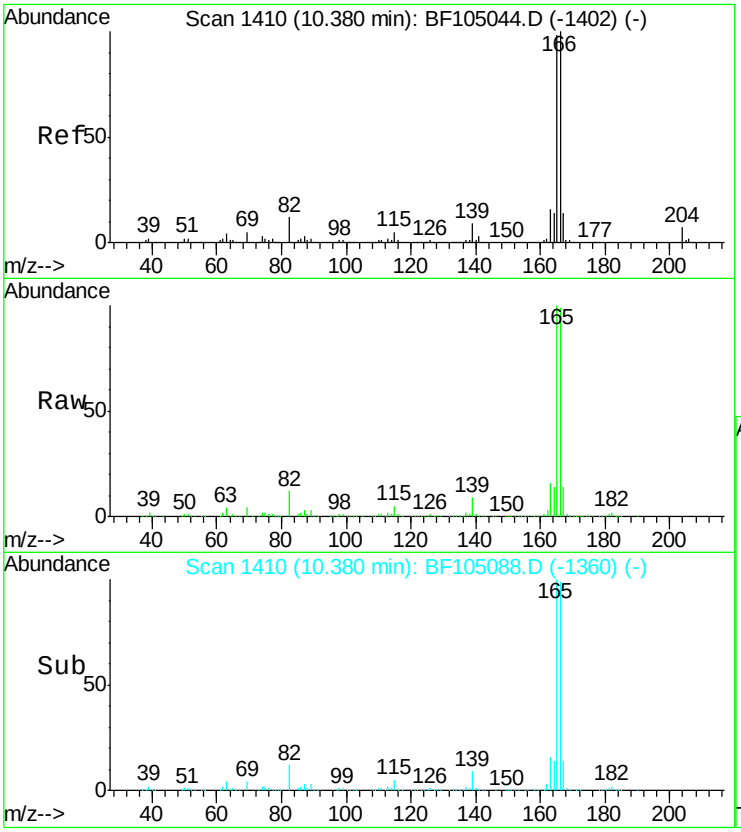


#55
4-Nitrophenol
Concen: 147.67 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.05 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:139 Resp: 363155

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.5	72.6	112.6#



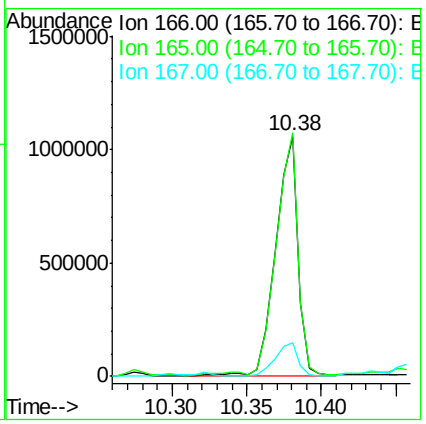


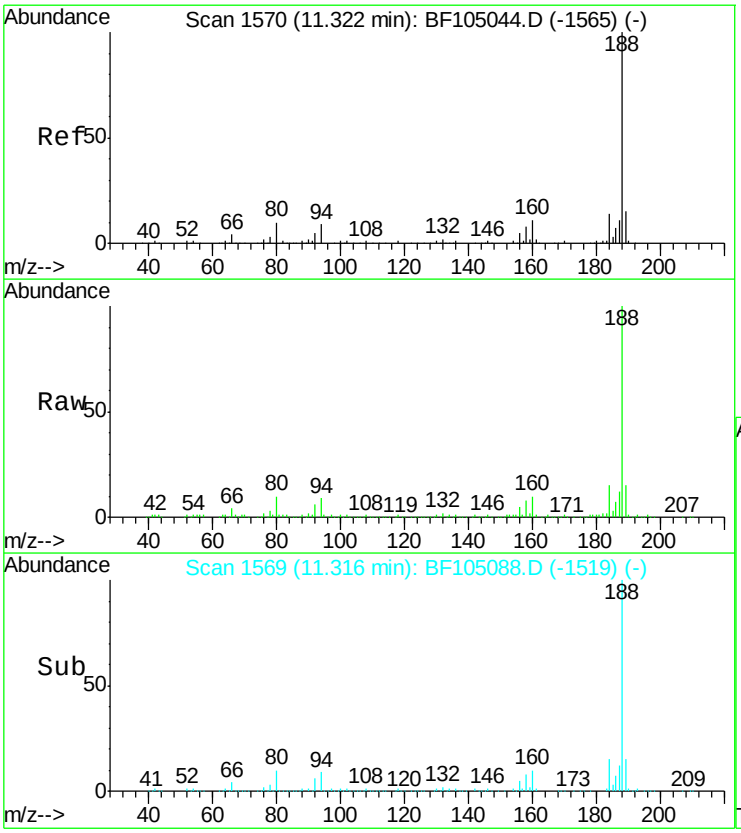
#57
Fluorene
Concen: 93.50 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 1104042

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	14.3	10.6	16.0

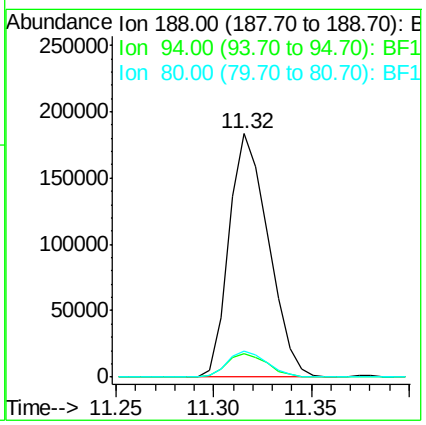


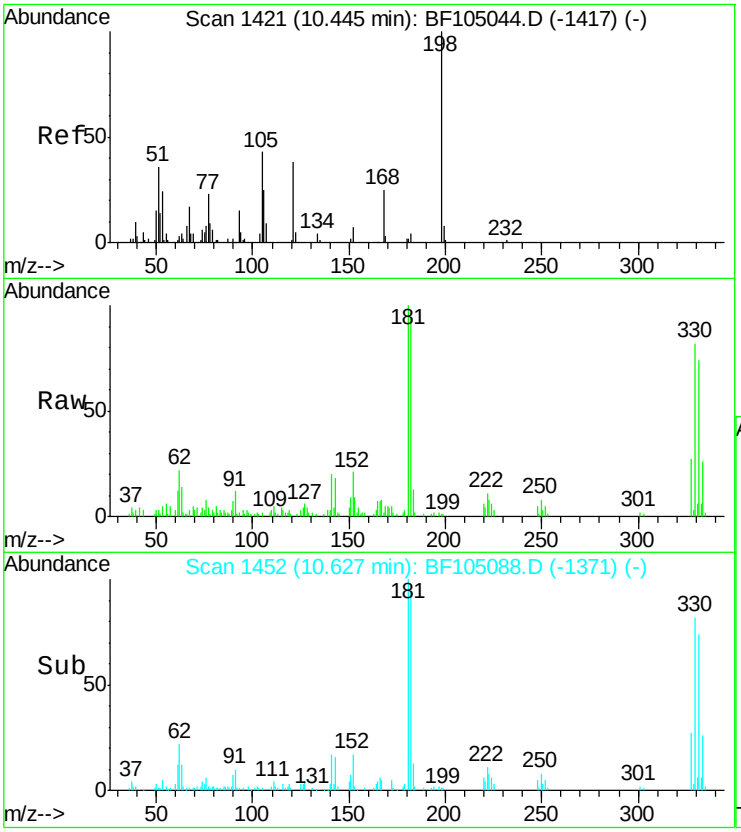


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:188 Resp: 256847

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8



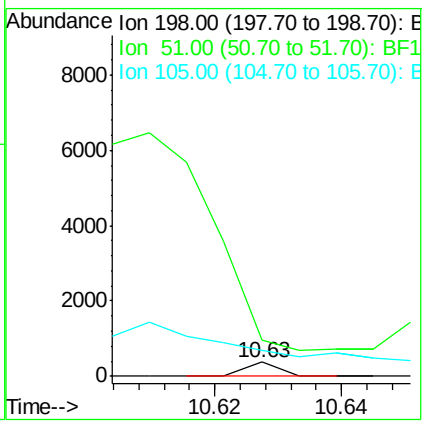


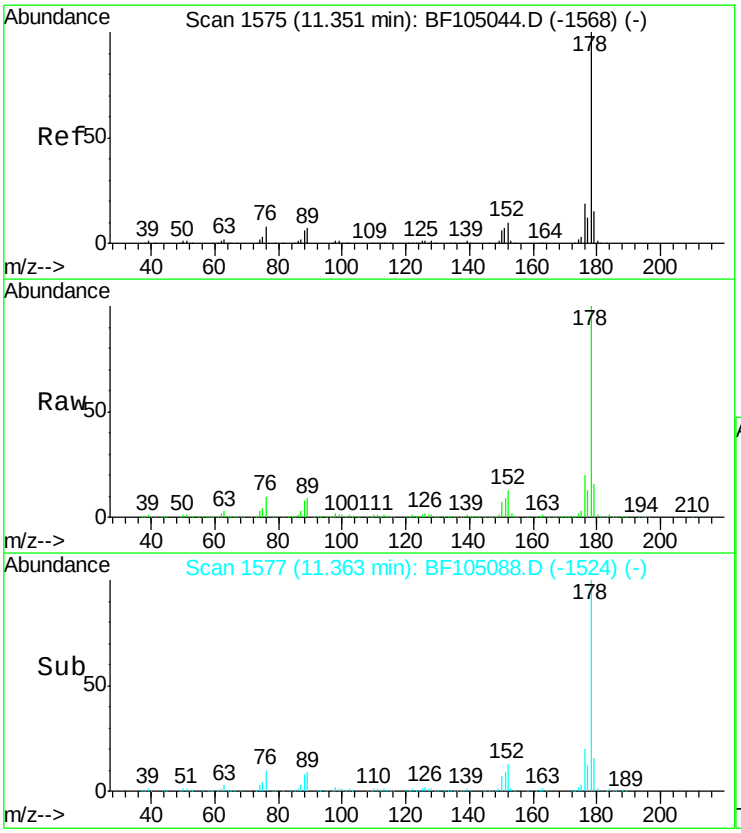
#64
4,6-Dinitro-2-methylphenol
Concen: 7.44 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 132

Ion	Ratio	Lower	Upper
198	100		
51	252.5	37.7	77.7#
105	188.3	36.3	76.3#

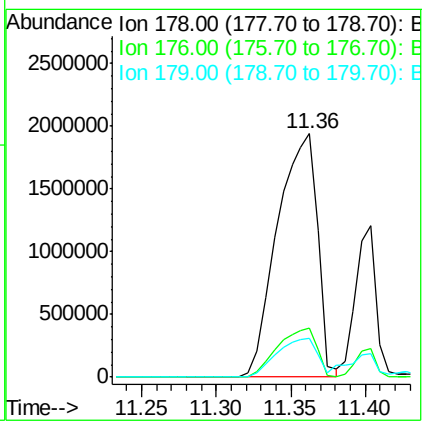


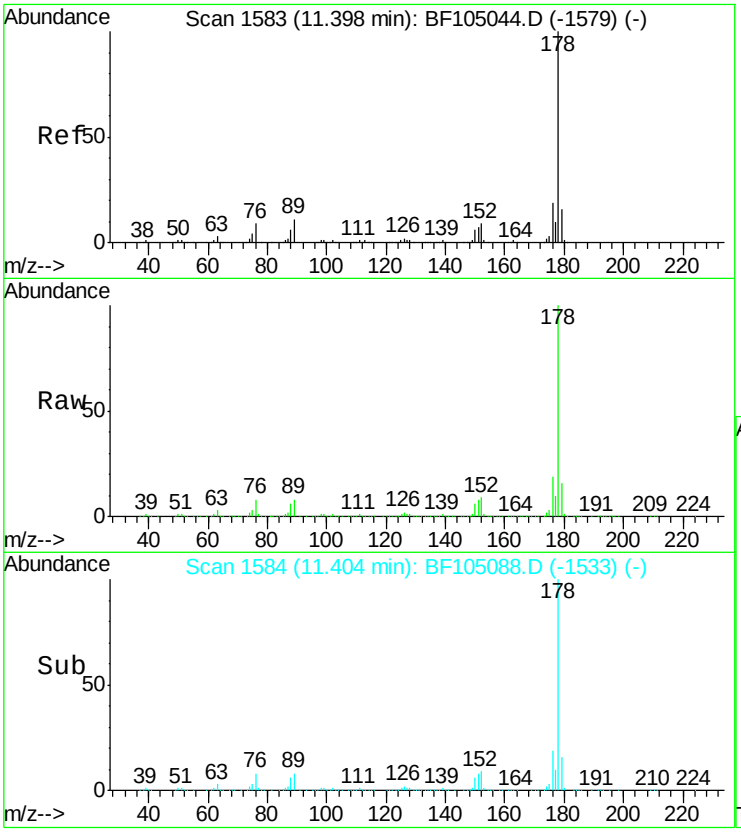


#70
Phenanthrene
Concen: 253.12 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:178 Resp: 3620532

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.0	13.0	19.6



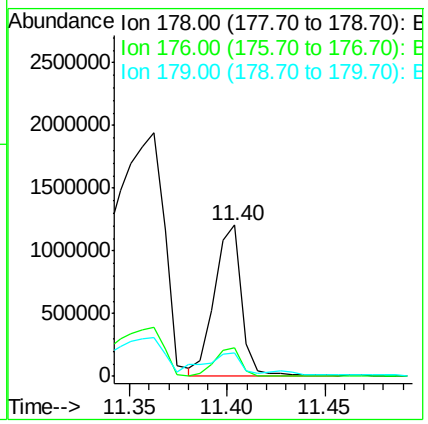


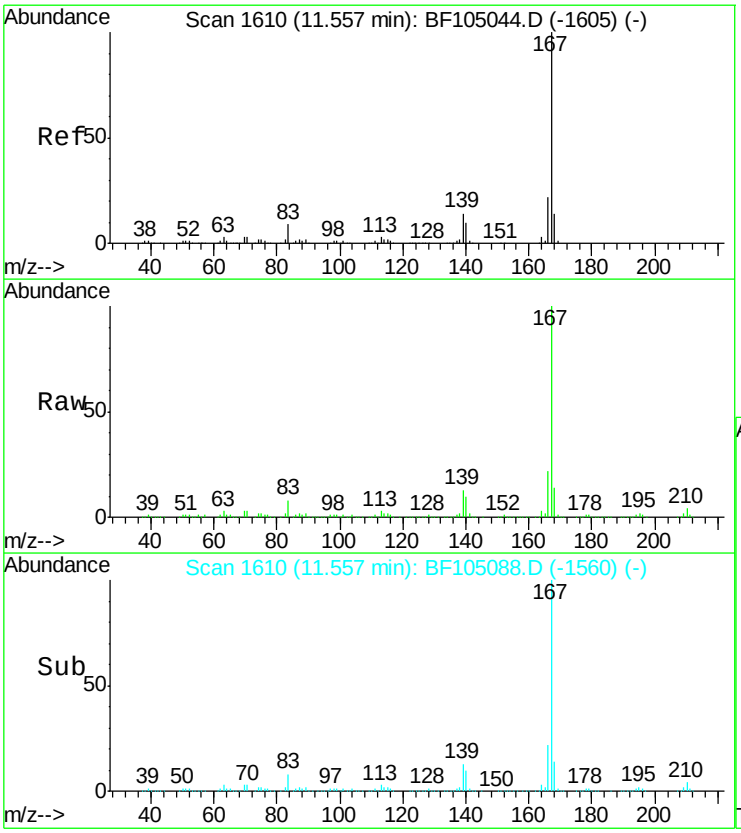
#71
Anthracene
Concen: 79.26 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1152375

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

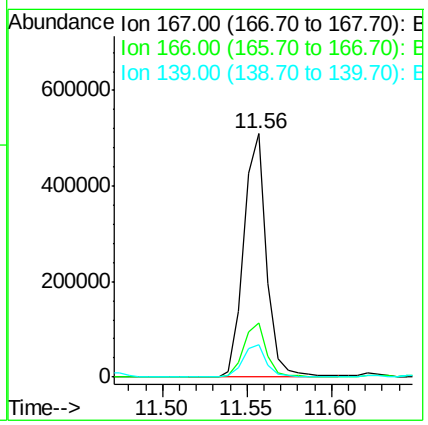


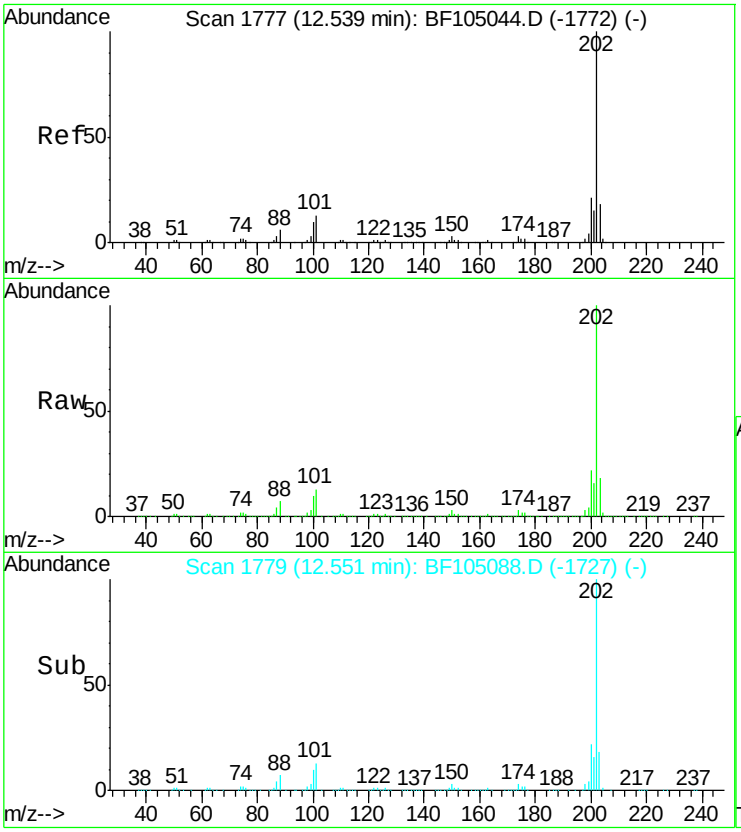


#72
Carbazole
Concen: 33.74 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:167 Resp: 479334

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.3	10.9	16.3



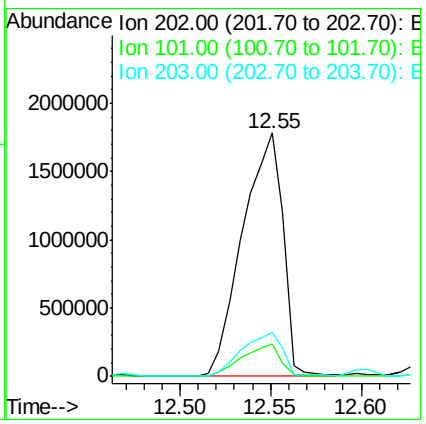


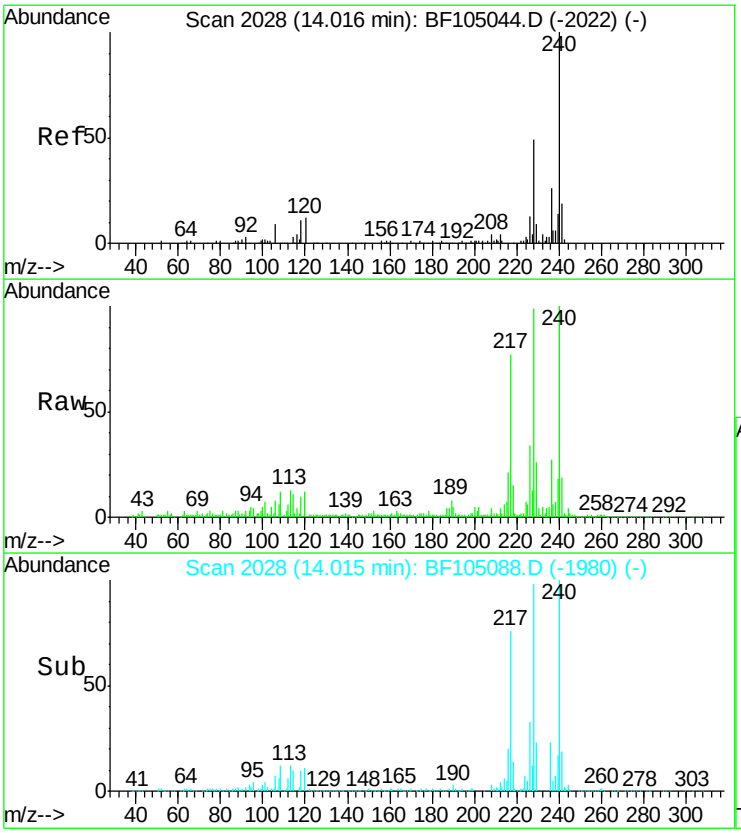
#74
Fluoranthene
Concen: 184.10 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2751288

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.8	0.0	38.1

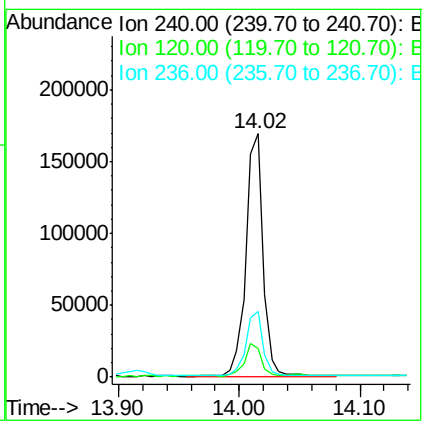


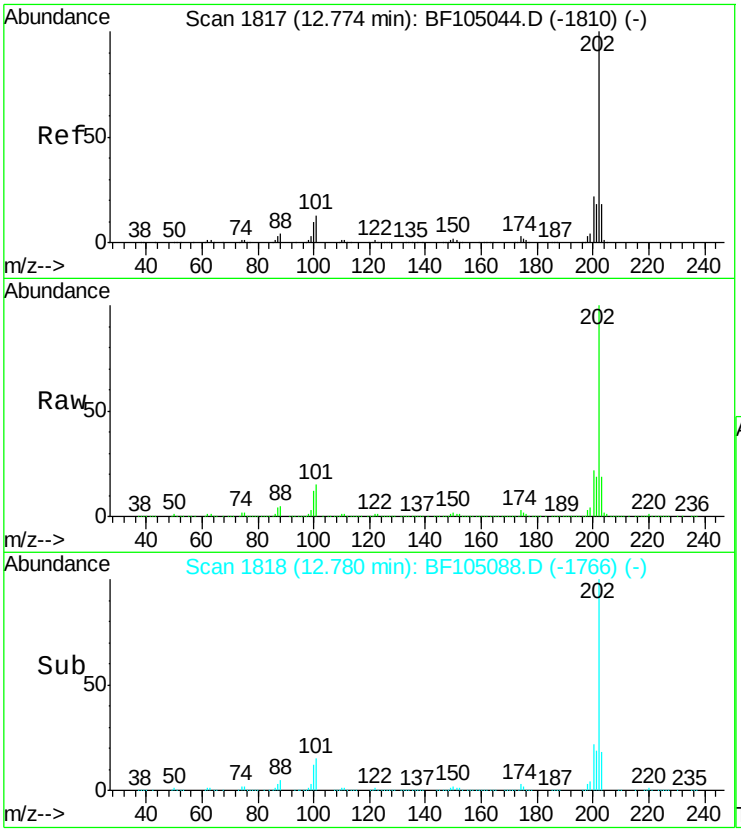


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:240 Resp: 169238

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	27.2	20.7	31.1



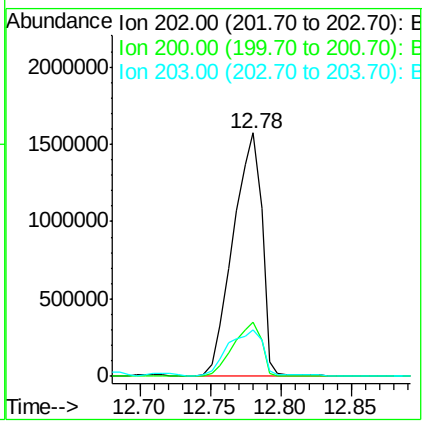


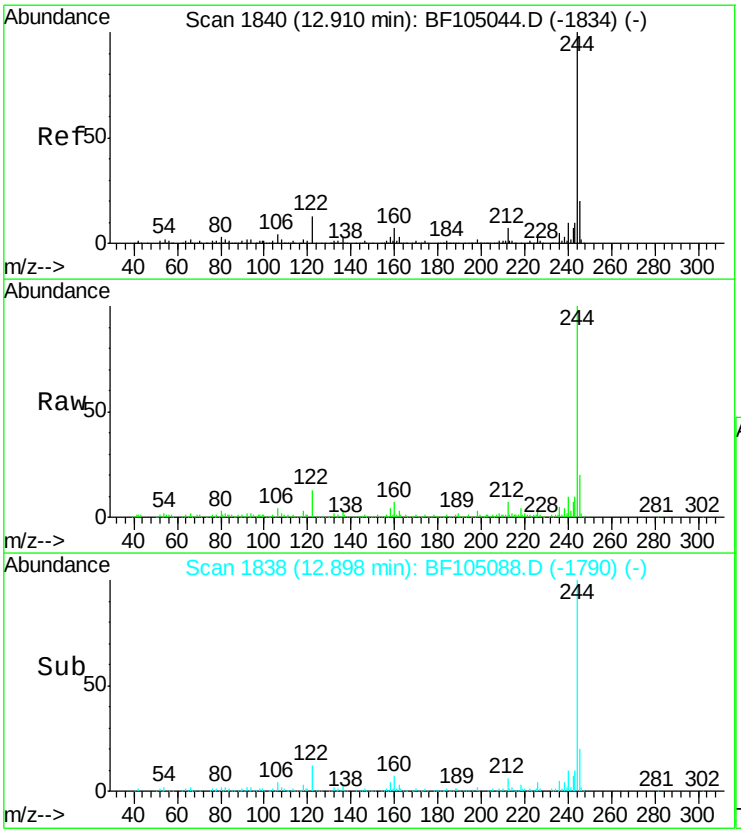
#77
Pyrene
Concen: 178.47 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2238836

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.8	14.3	21.5

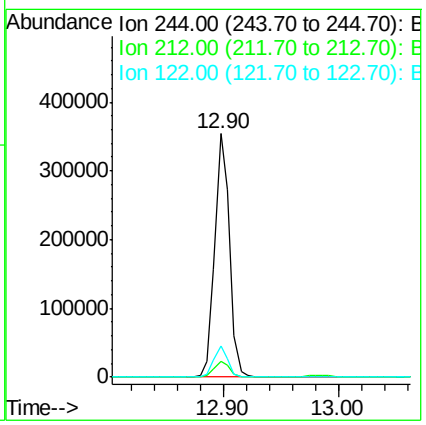


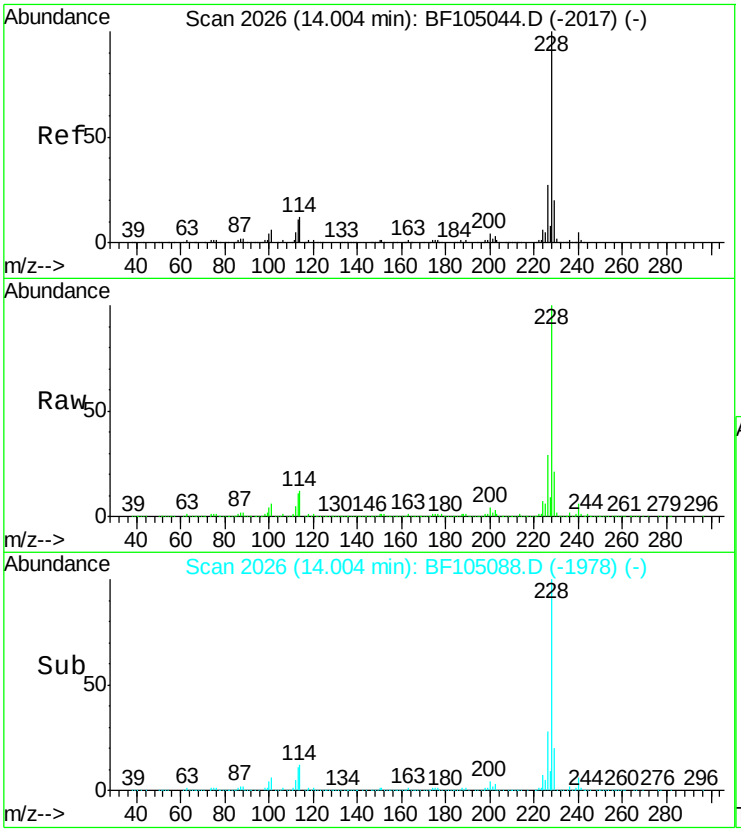


#78
Terphenyl-d14
Concen: 42.19 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:244 Resp: 313152

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.6	11.0	16.4



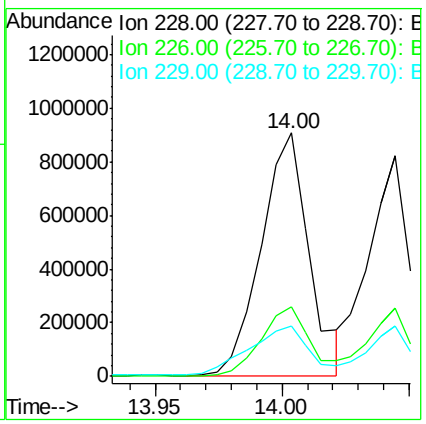


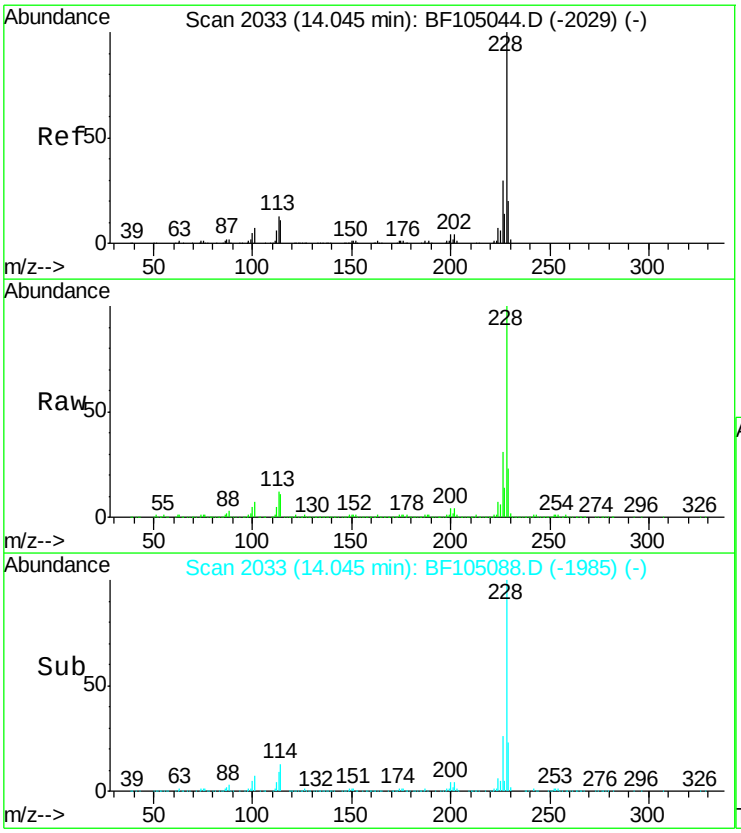
#80
Benzo(a)anthracene
Concen: 118.07 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1193730

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.7	15.8	23.6

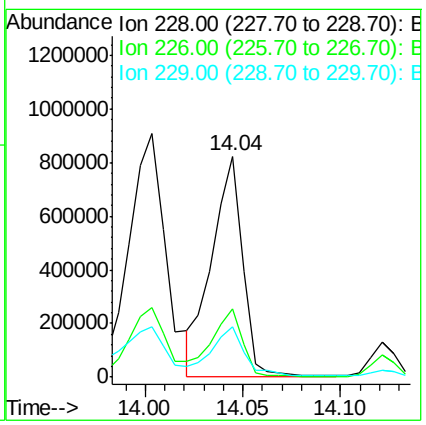


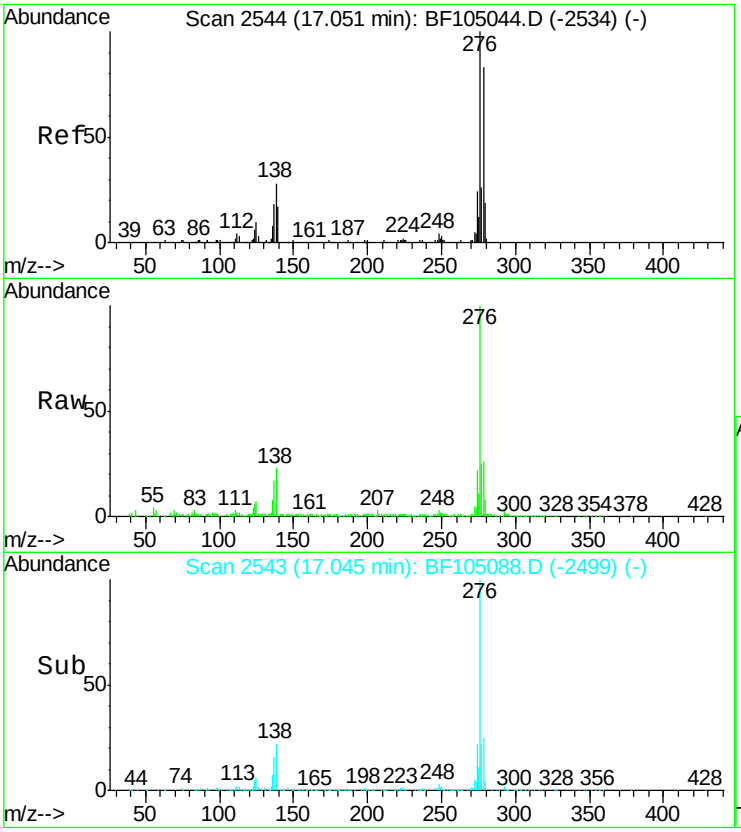


#82
Chrysene
Concen: 86.87 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:228 Resp: 902167

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.8	16.2	24.4



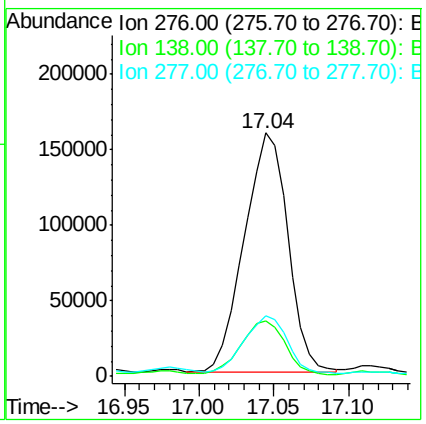


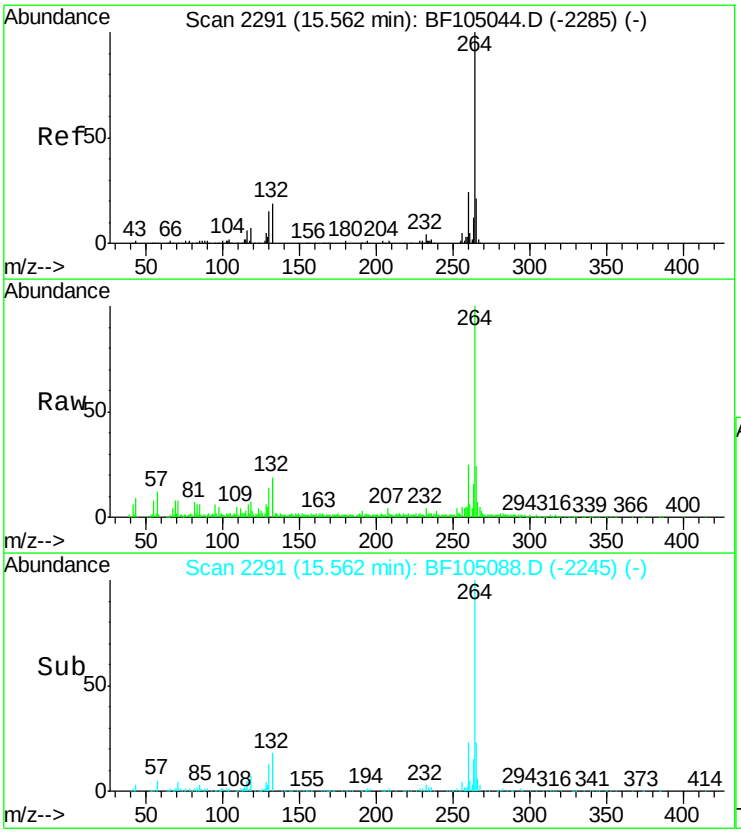
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.22 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 319555

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	23.3	20.1	30.1

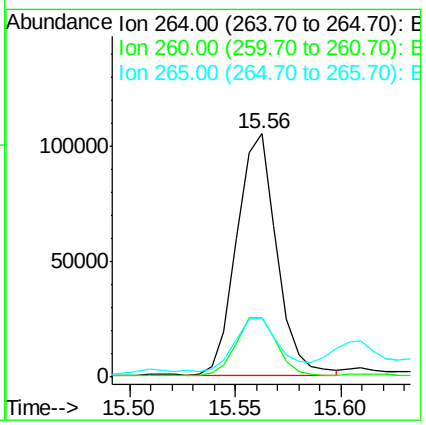


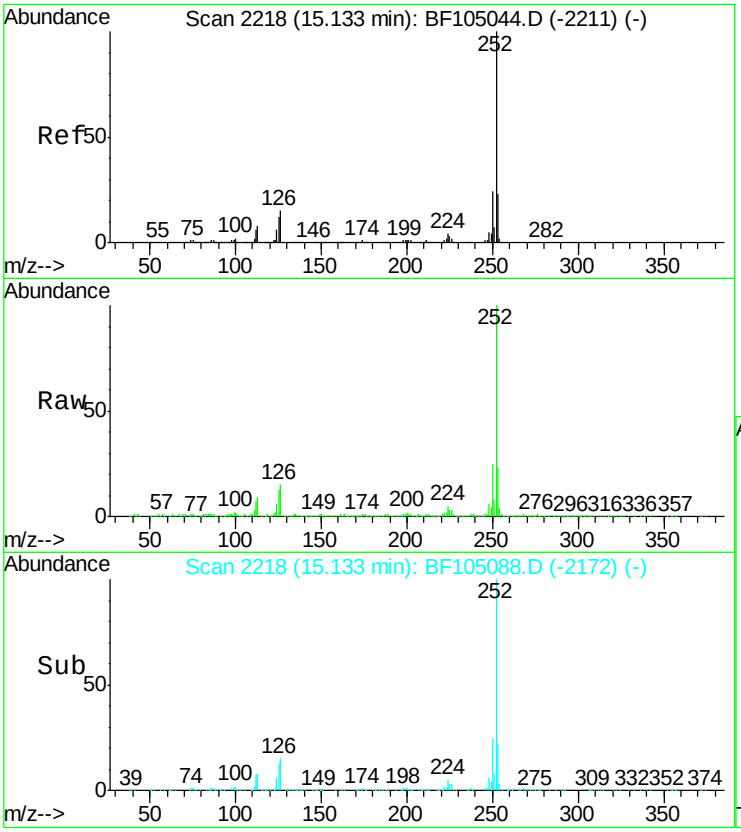


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.03 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:264 Resp: 136974

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	24.4	17.5	26.3



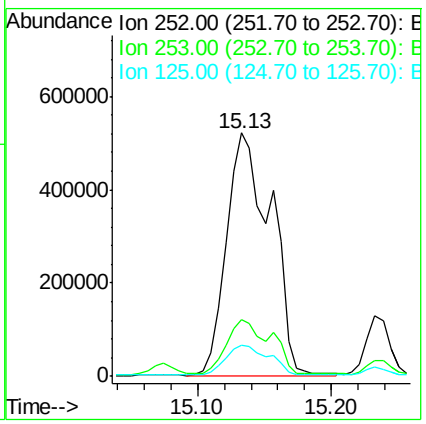


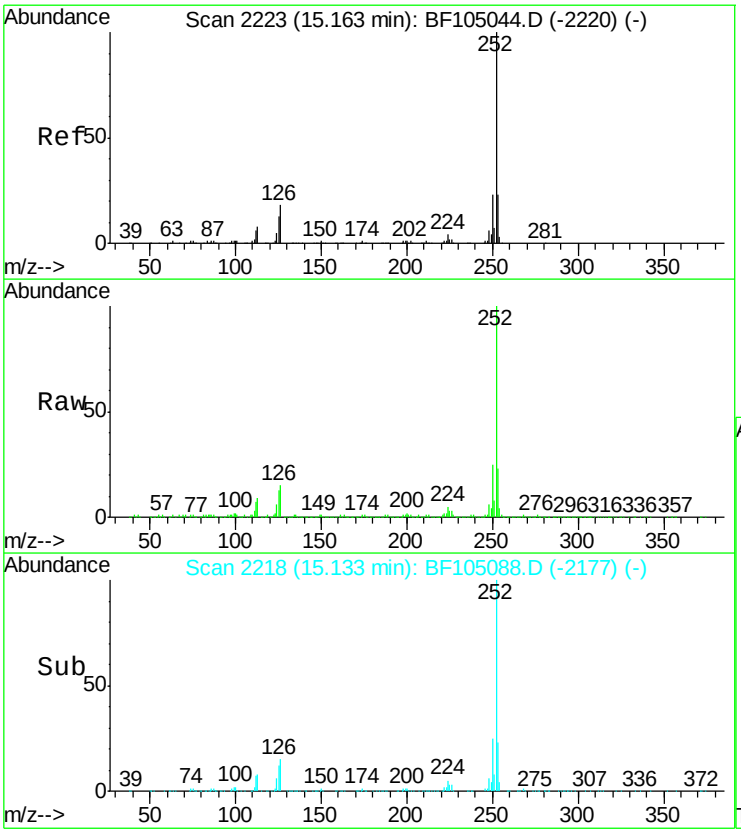
#87
Benzo(b)fluoranthene
Concen: 139.55 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1207259

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.9	9.0	13.6

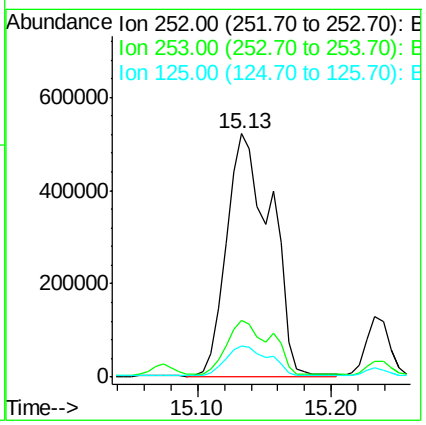


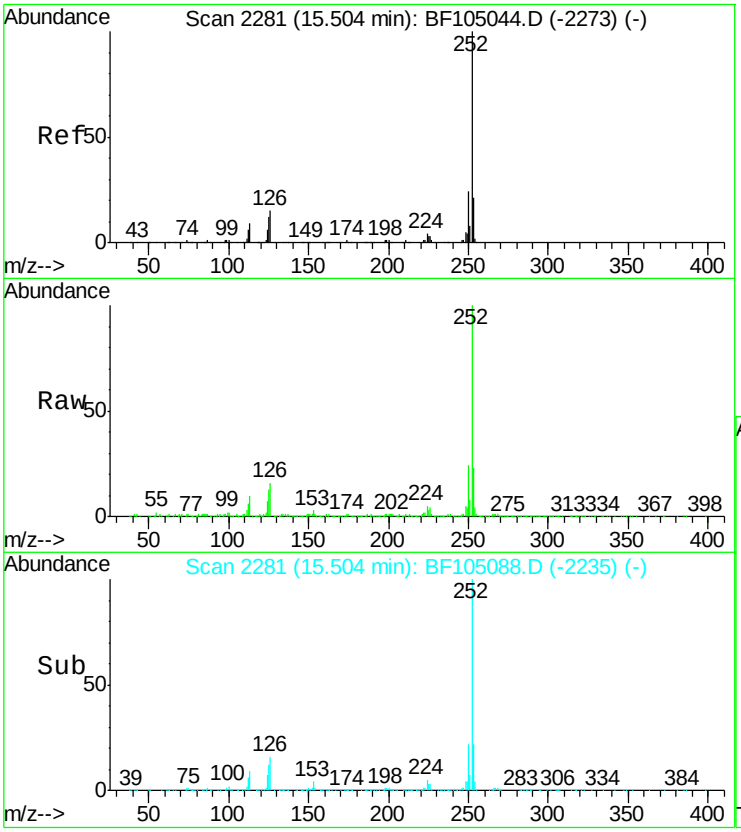


#88
Benzo(k)fluoranthene
Concen: 147.82 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.06 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:252 Resp: 1207259

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.9	10.2	15.2



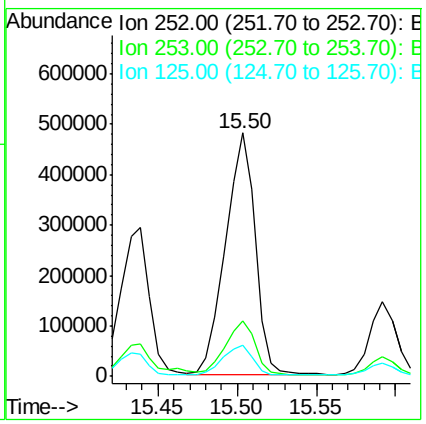


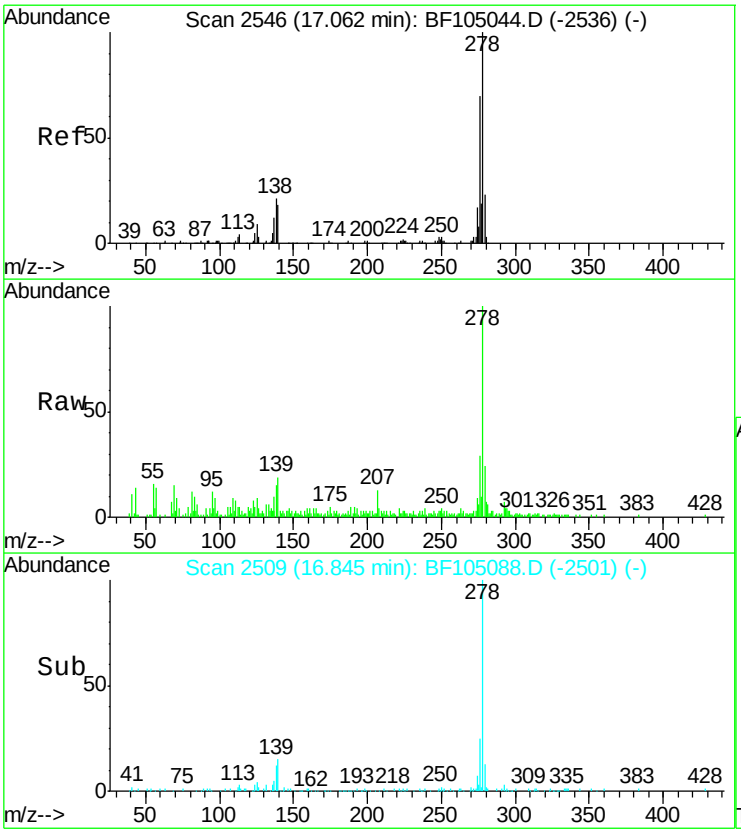
#89
Benzo(a)pyrene
Concen: 81.39 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.03 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 629983

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.0	9.8	14.6

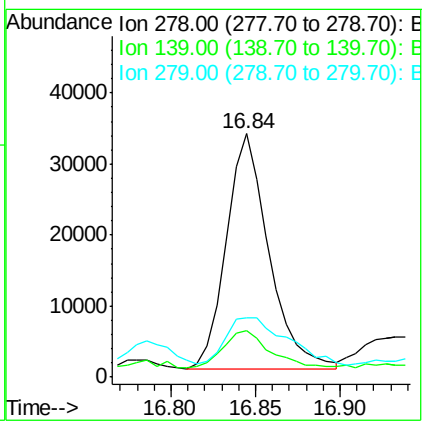


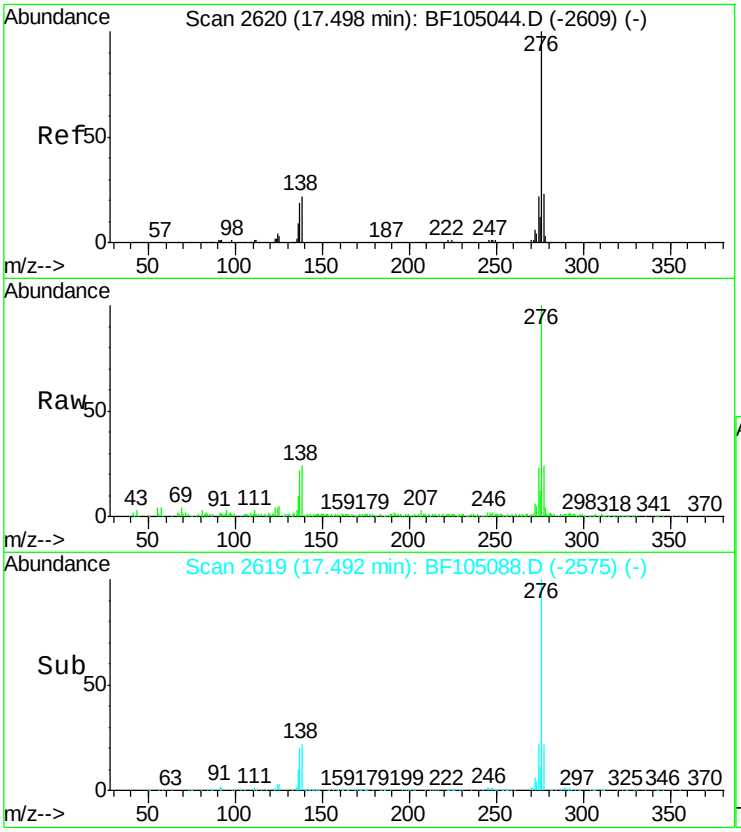


#90
Dibenzo(a,h)anthracene
Concen: 9.14 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.25 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Tgt Ion:278 Resp: 58124

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	24.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 45.80 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.04 min
Lab File: BF105088.D
Acq: 3 May 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 282085

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.9	21.8	32.8