Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 04 01:59:17 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	113900	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	472377	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	212510	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	358039	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	203075	20.00	ng		-0.02
86) Perylene-d12	15.58	264	192104	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	772901	103.76	ng		0.00
7) Phenol-d6	6.43	99	933254	101.97	ng		0.00
23) Nitrobenzene-d5	7.35	82	561587	77.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	234150	106.22	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	1014527	75.42	ng		-0.02
78) Terphenyl-d14	12.90	244	792394	88.96	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	21493	2.21	ng	#	33
19) n-Nitroso-di-n-propylamine	7.35	70	73781	12.34	ng	#	72
25) Isophorone	7.35	82	561583	36.71	ng	#	64
49) Dimethylphthalate	9.54	163	96375	5.75	ng		99
51) Acenaphthene	9.85	154	31222	2.31	ng		97
54) Dibenzofuran	10.03	168	39004	2.07	ng		95
55) 4-Nitrophenol	10.03	139	15800	5.54	ng	#	12
56) 2,4-Dinitrotoluene	9.82	165	28116	6.91	ng	#	24
57) Fluorene	10.37	166	55147	4.03	ng		98
64) 4,6-Dinitro-2-methylphenol	10.61	198	416	7.55	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	14258	3.74	ng	#	1
70) Phenanthrene	11.33	178	517568	25.96	ng		99
71) Anthracene	11.39	178	129917	6.41	ng		98
72) Carbazole	11.55	167	75343	3.80	ng		98
74) Fluoranthene	12.53	202	506831	24.33	ng		97
76) Benzidine	12.90	184	10694	Below Cal			97
77) Pyrene	12.76	202	399371	26.53	ng		99
80) Benzo(a)anthracene	14.00	228	187785	15.48	ng		99
82) Chrysene	14.04	228	166511	13.36	ng		97
85) Indeno(1,2,3-cd)pyrene	17.06	276	68117	6.43	ng	#	93
87) Benzo(b)fluoranthene	15.14	252	256035	21.10	ng	#	97
88) Benzo(k)fluoranthene	15.14	252	256035	22.35	ng		99
89) Benzo(a)pyrene	15.52	252	135602	12.49	ng		95
90) Dibenzo(a,h)anthracene	17.06	278	18779	2.11	ng		95
91) Benzo(g,h,i)perylene	17.51	276	61252	7.09	ng		97

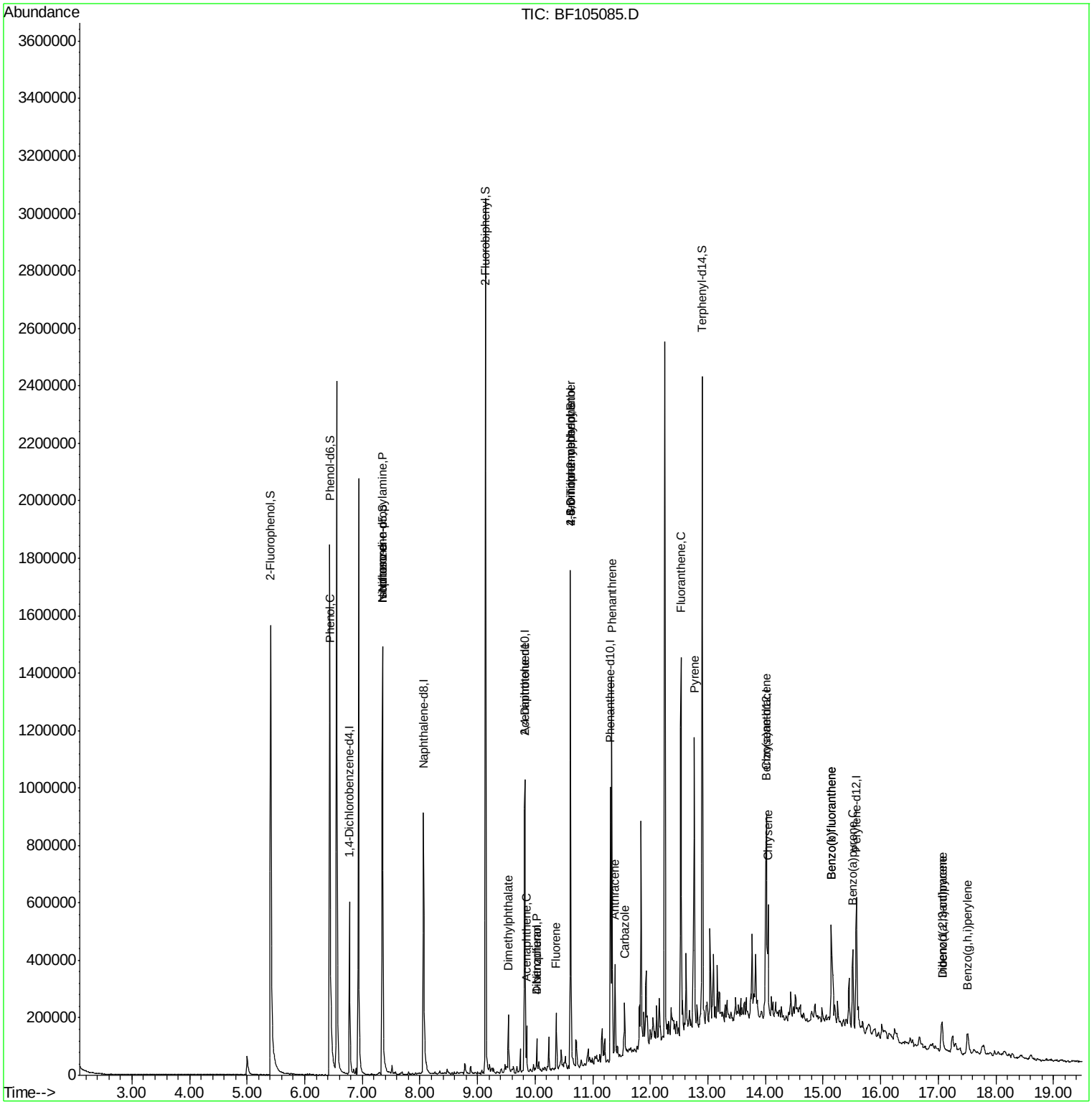
(#) = qualifier out of range (m) = manual integration (+) = signals summed

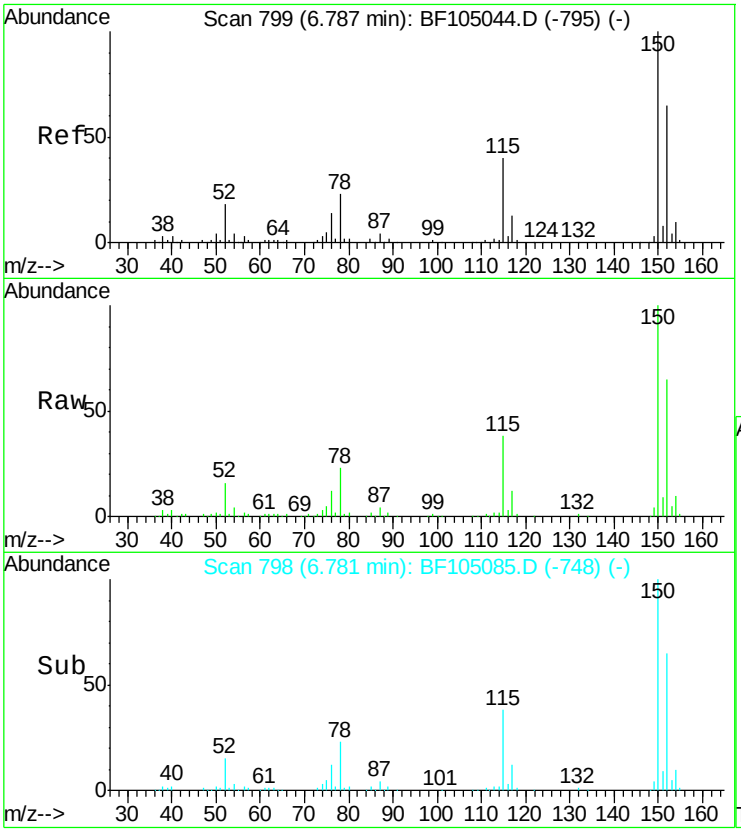
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105085.D
Acq On : 3 May 2018 20:58
Operator : JU/SJ
Sample : J2667-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 04 01:59:17 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



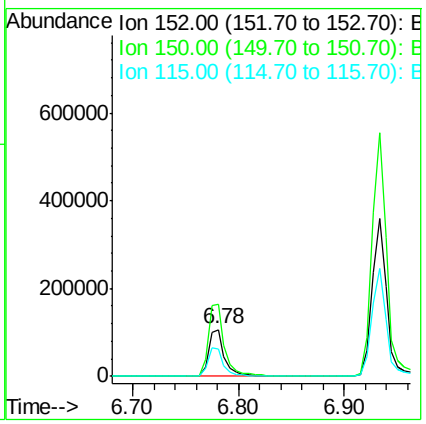


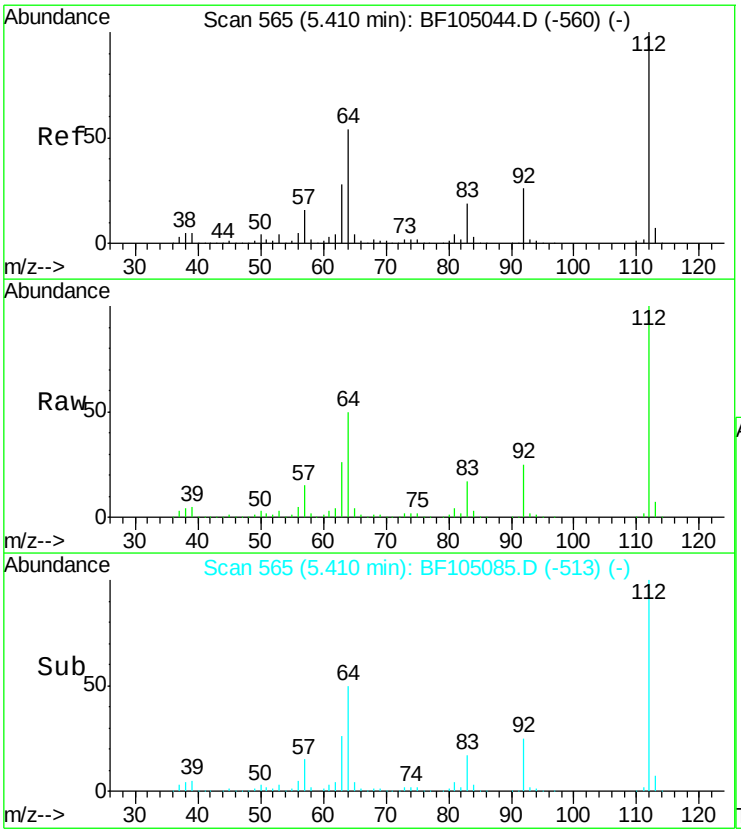
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113900

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.3	50.1	75.1

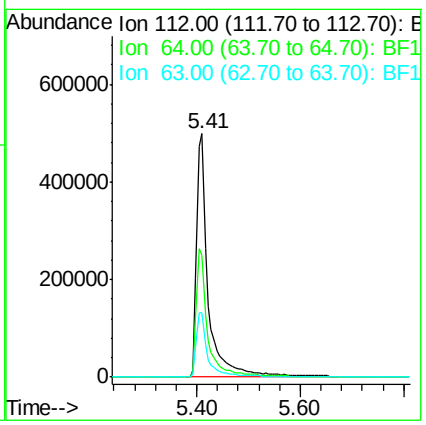


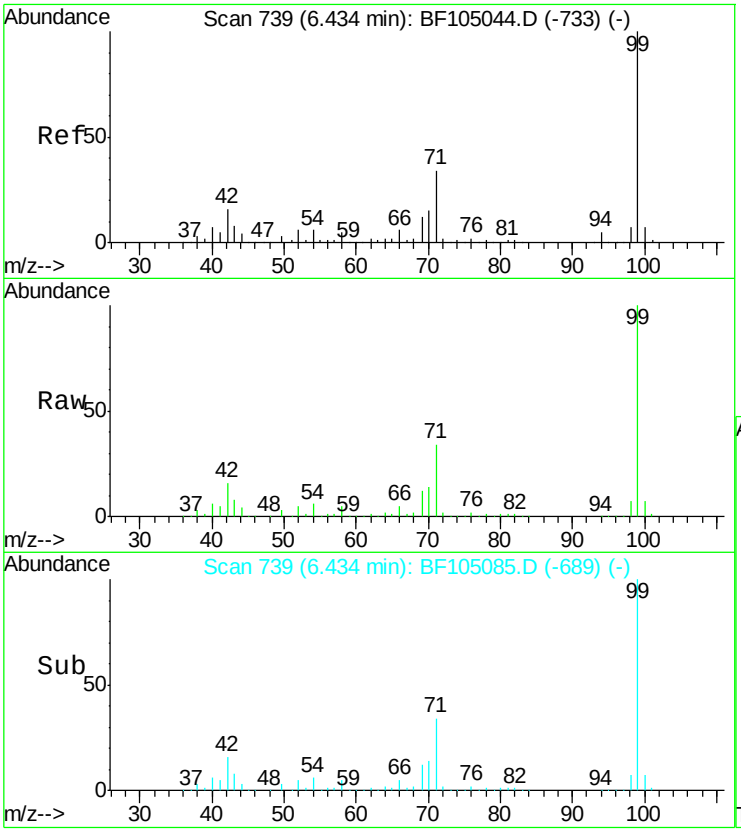


#5
2-Fluorophenol
Concen: 103.76 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:112 Resp: 772901

Ion	Ratio	Lower	Upper
112	100		
64	50.2	47.9	71.9
63	26.3	23.7	35.5



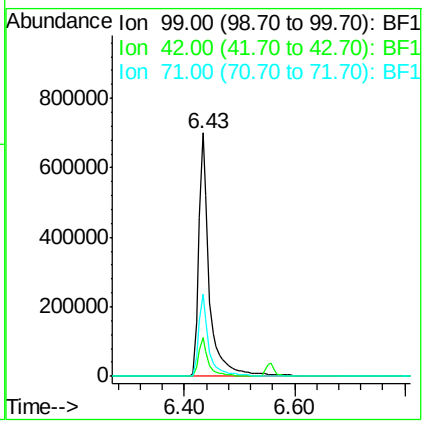


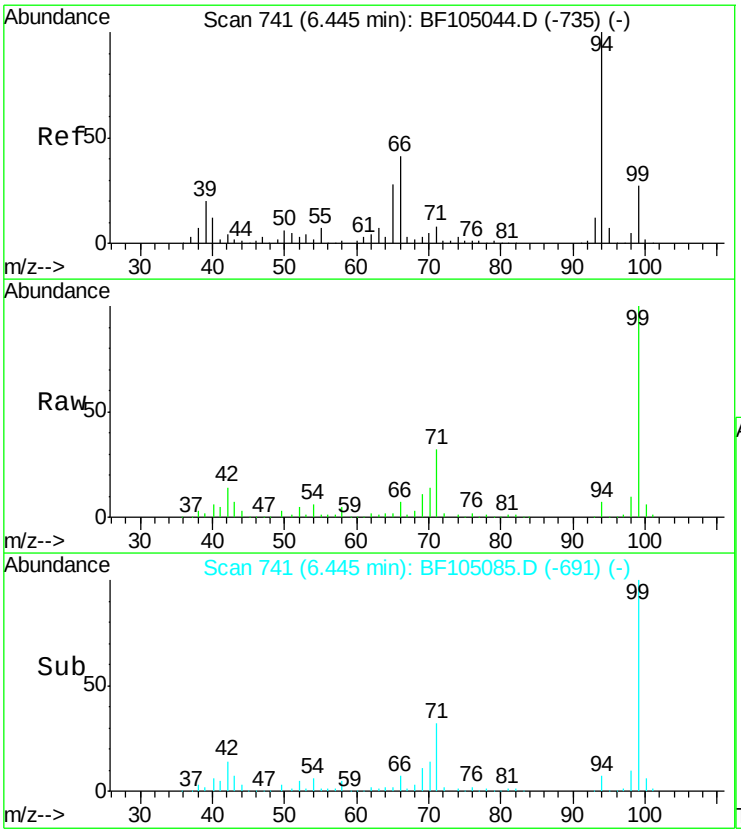
#7
Phenol-d6
Concen: 101.97 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 933254

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	34.0	25.4	38.0

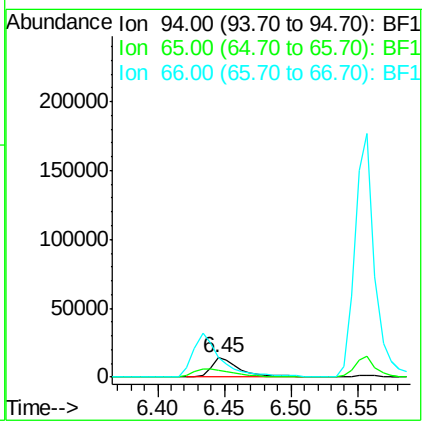


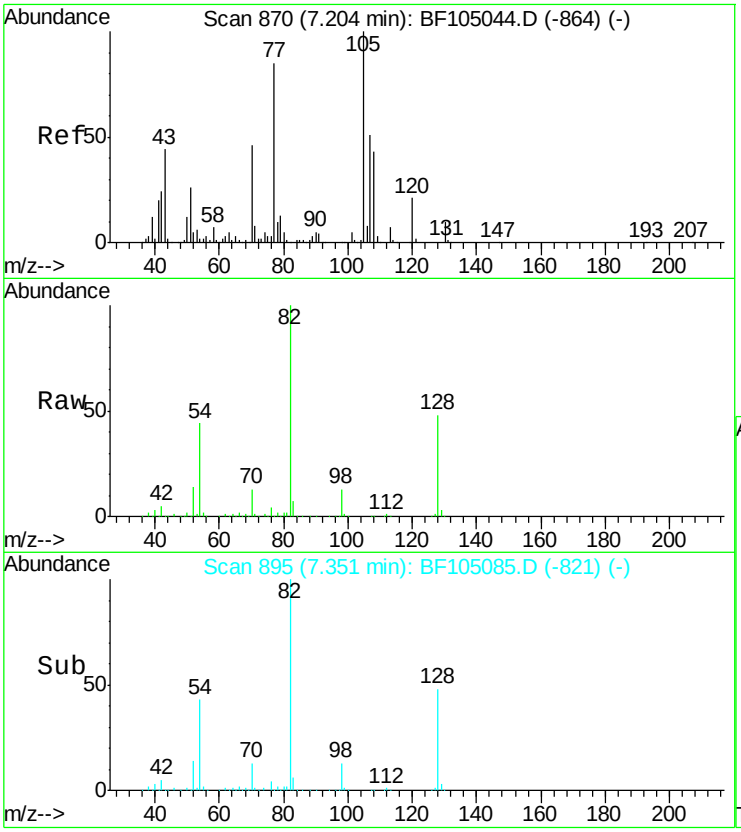


#10
Phenol
Concen: 2.21 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion: 94 Resp: 21493

Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.9	47.9
66	98.5	16.2	56.2#



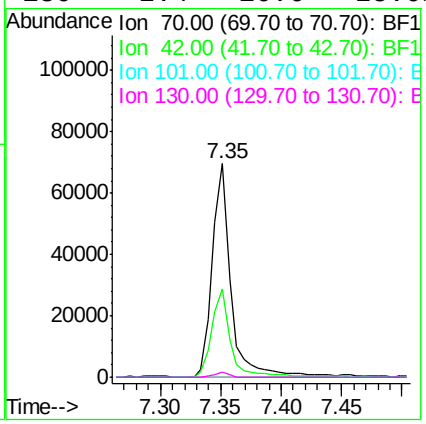


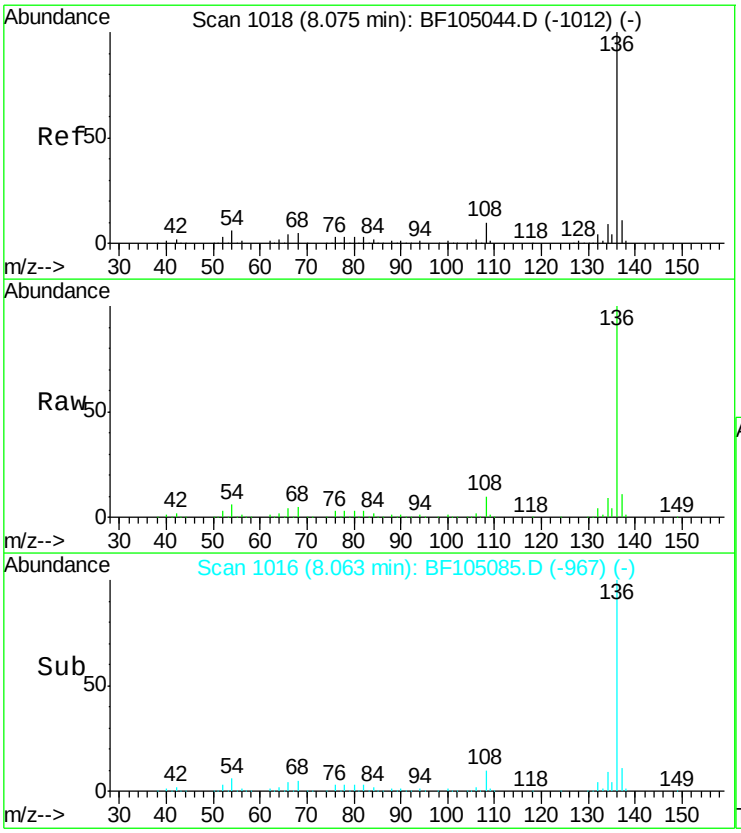
#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 73781

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

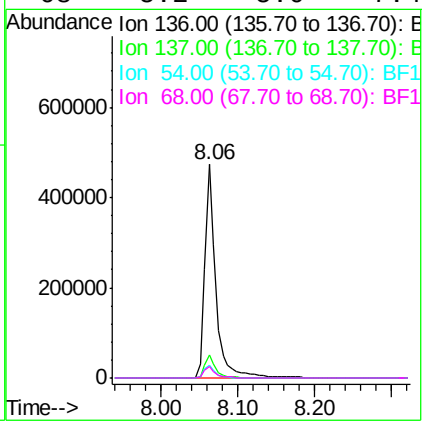


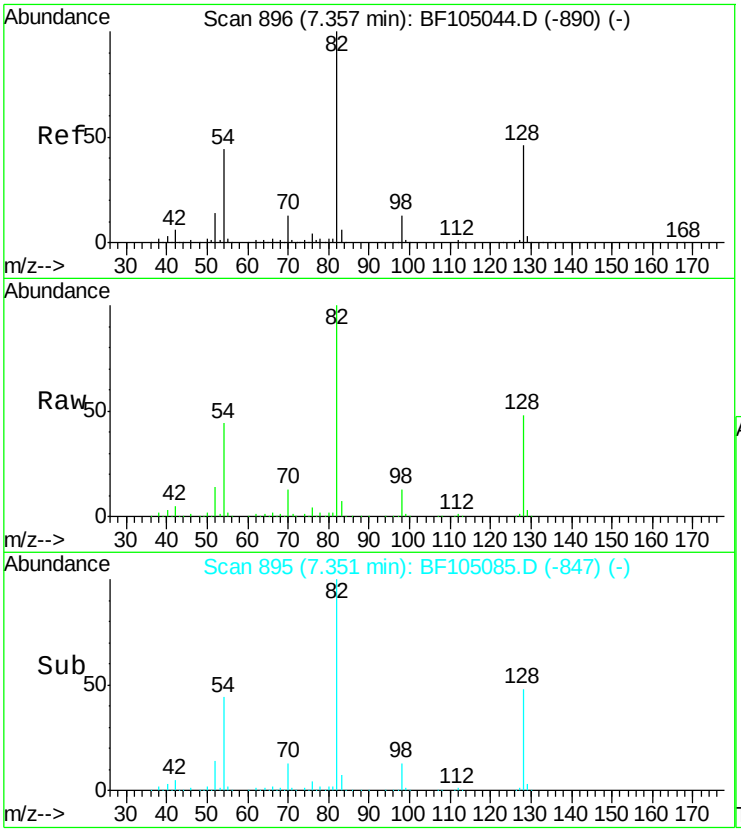


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:136 Resp: 472377

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.2	5.0	7.4



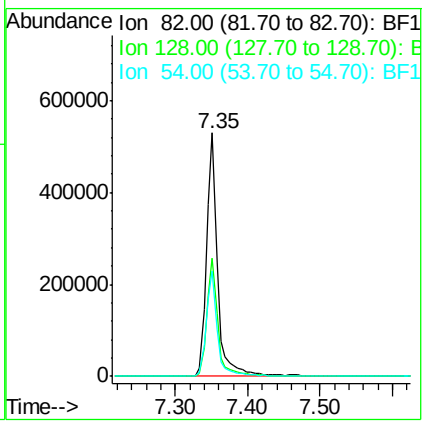


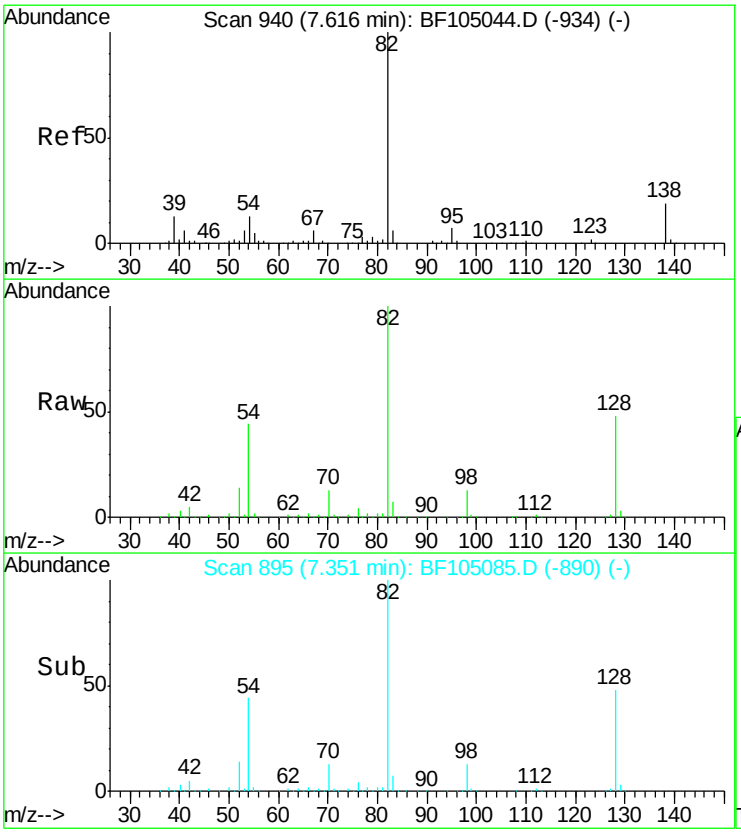
#23
Nitrobenzene-d5
Concen: 77.63 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 561587

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	43.5	41.4	62.2

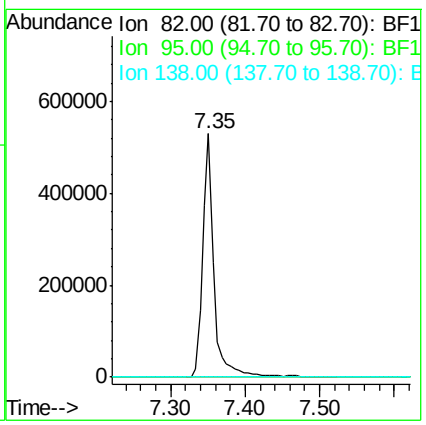


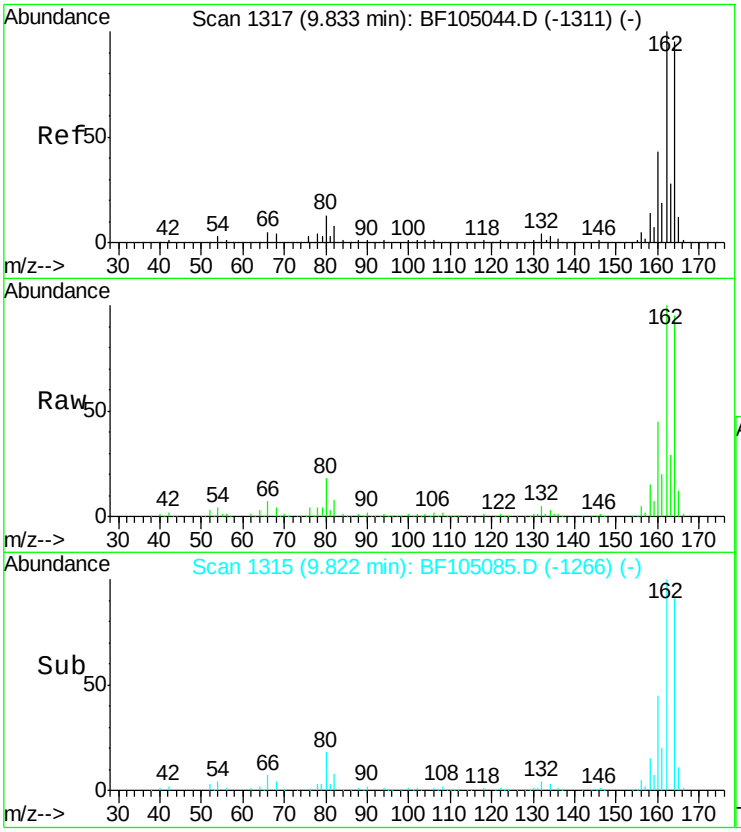


#25
Isophorone
Concen: 36.71 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion: 82 Resp: 561583

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



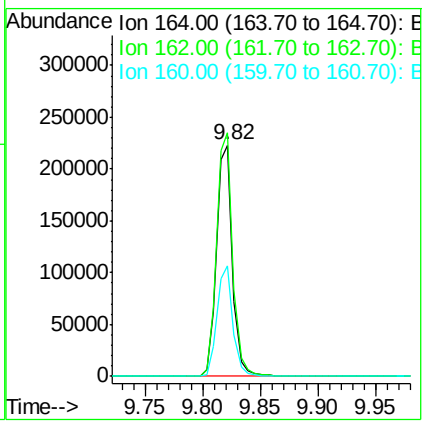


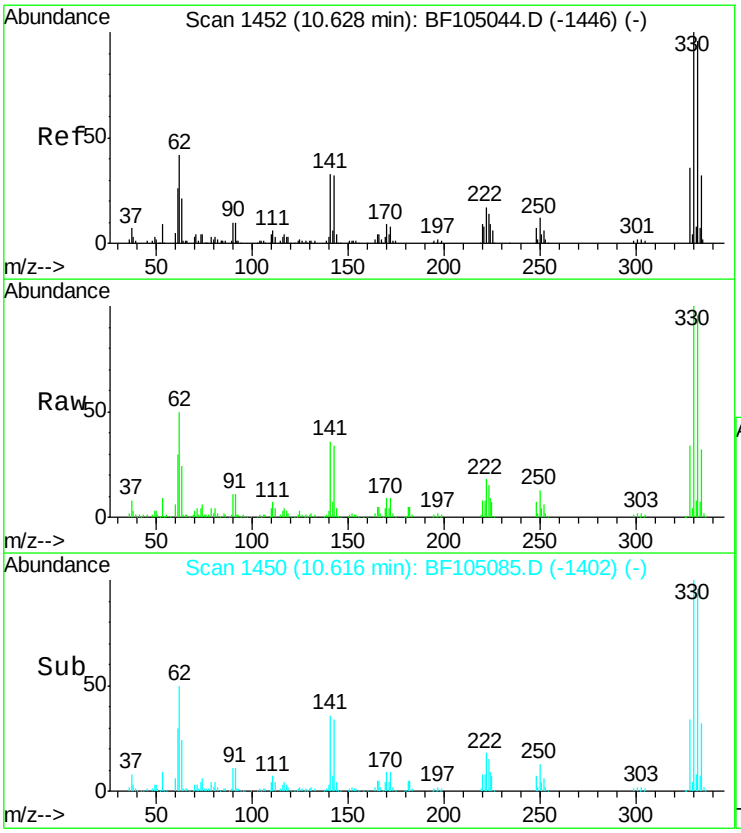
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 212510

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.7	38.3	57.5

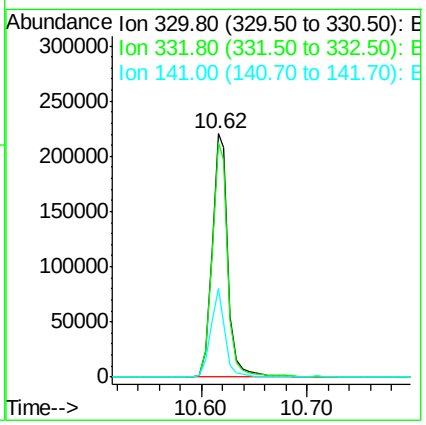


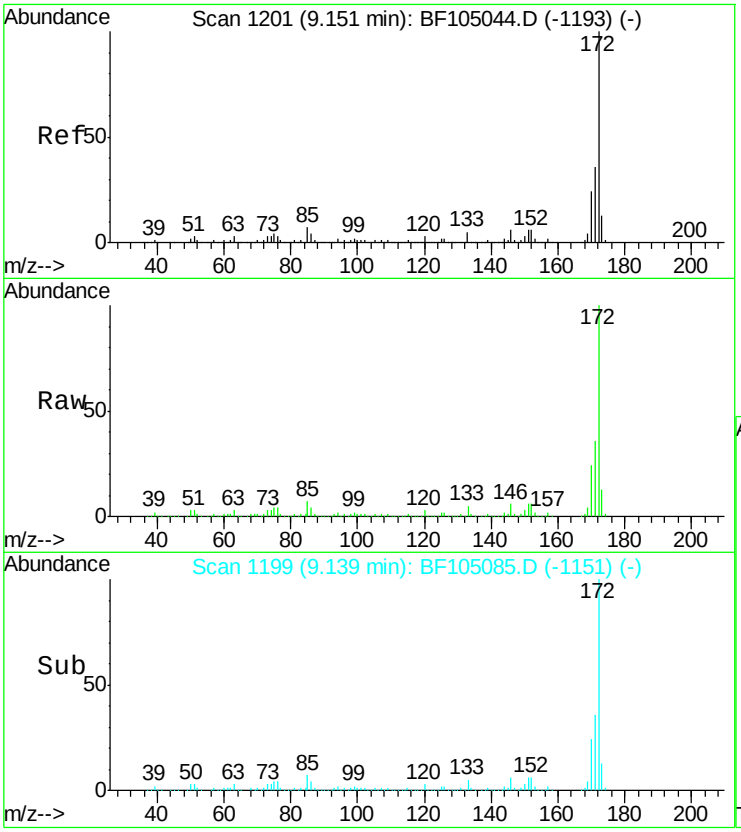


#41
2,4,6-Tribromophenol
Concen: 106.22 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:330 Resp: 234150

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.4	29.9	44.9



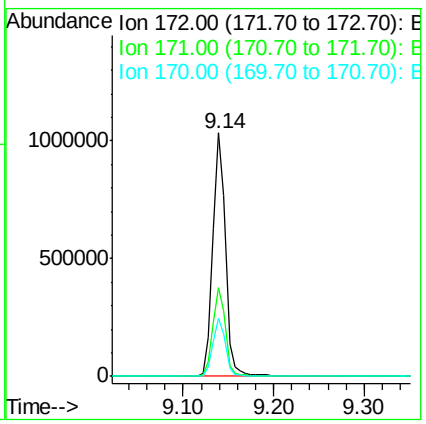


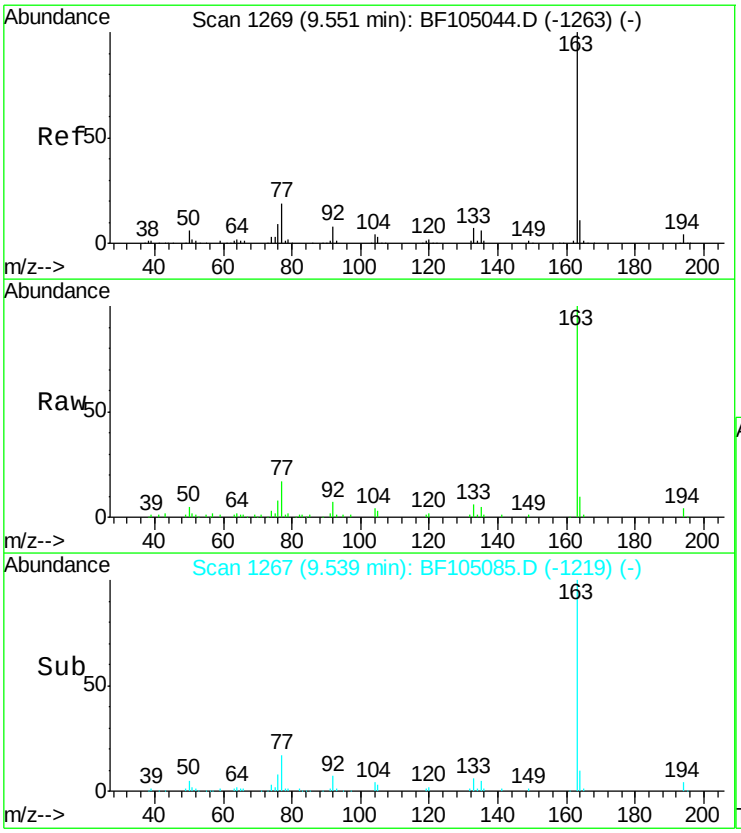
#44
2-Fluorobiphenyl
Concen: 75.42 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1014527

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

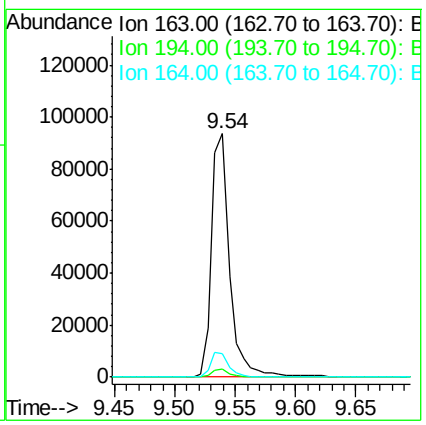


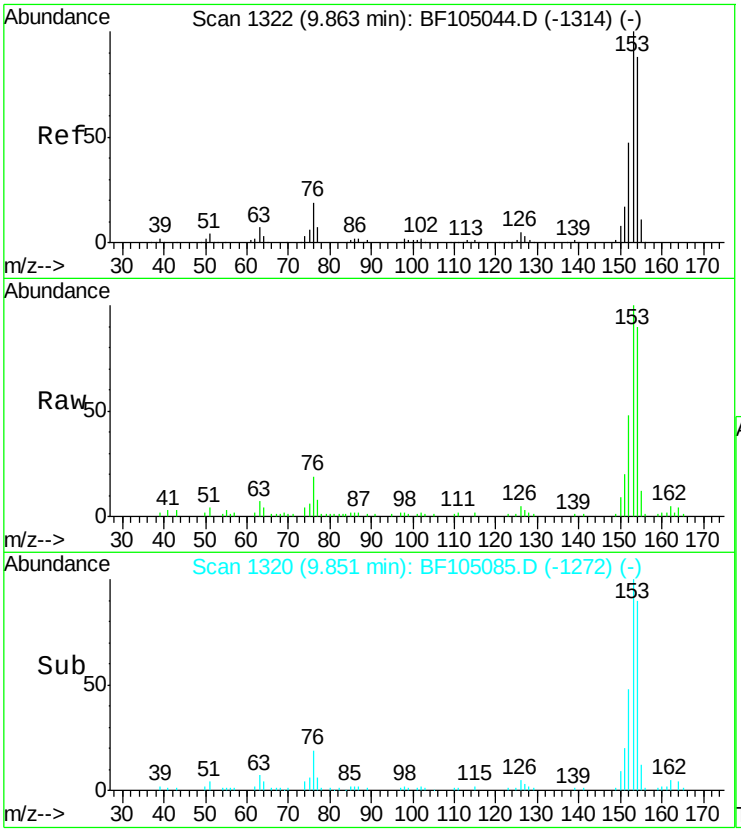


#49
Dimethylphthalate
Concen: 5.75 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:163 Resp: 96375

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2



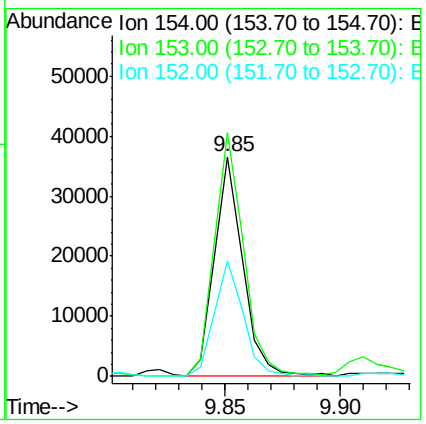


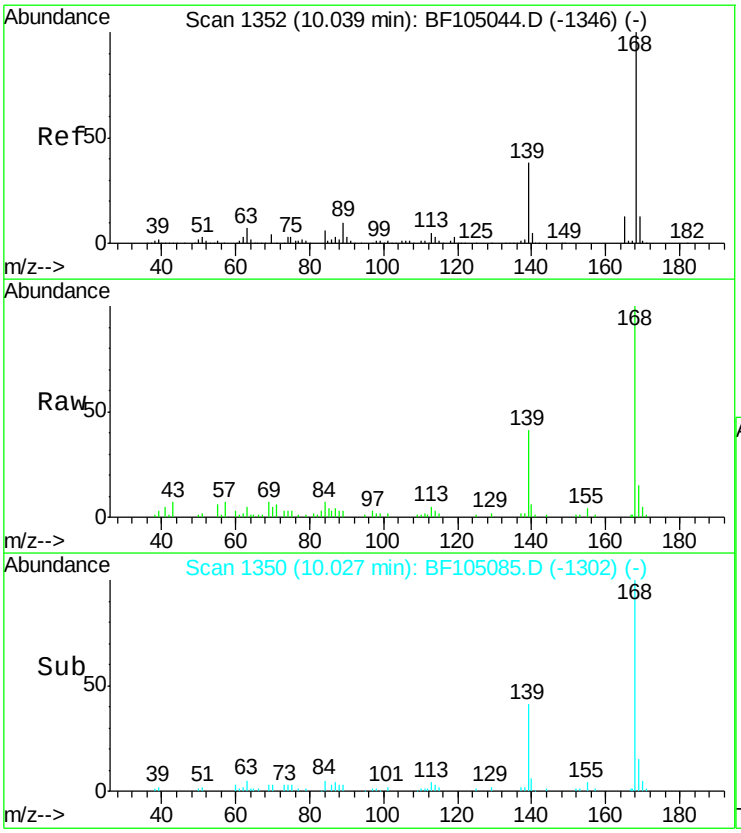
#51
Acenaphthene
Concen: 2.31 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 31222

Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.2	136.8
152	52.7	43.8	65.8

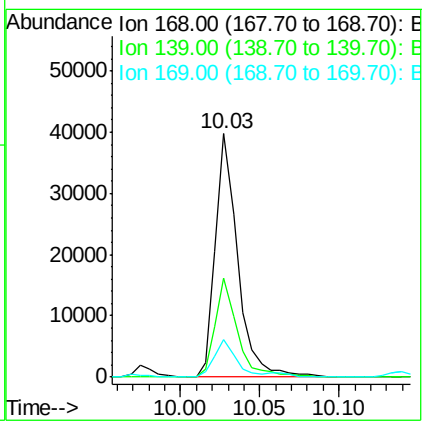


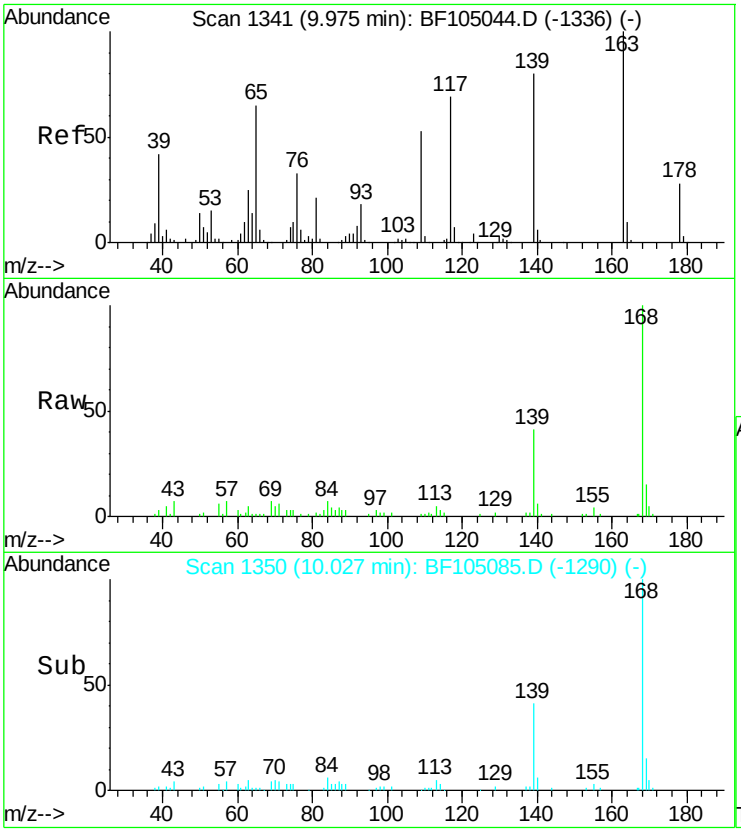


#54
Dibenzofuran
Concen: 2.07 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:168 Resp: 39004

Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	15.5	10.9	16.3



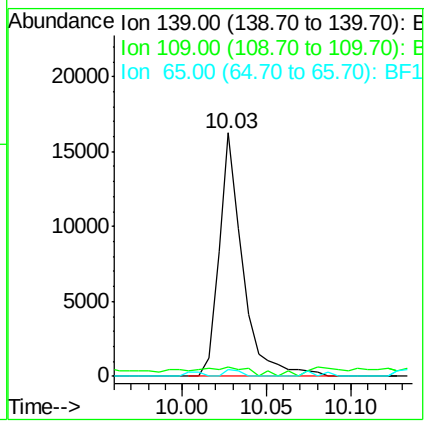


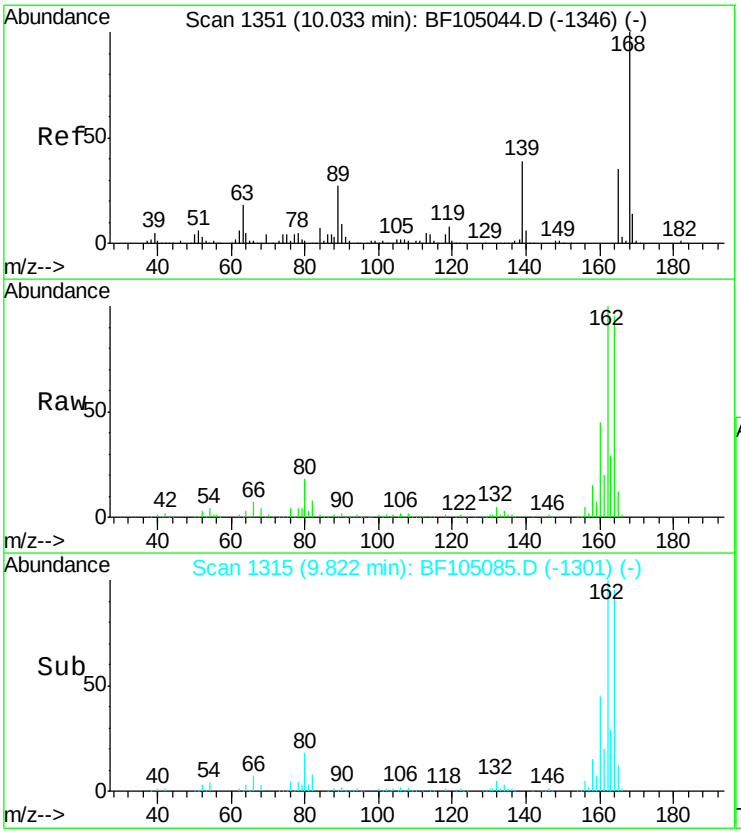
#55
4-Nitrophenol
Concen: 5.54 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.05 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 15800

Ion	Ratio	Lower	Upper
139	100		
109	3.7	48.4	88.4#
65	2.8	72.6	112.6#

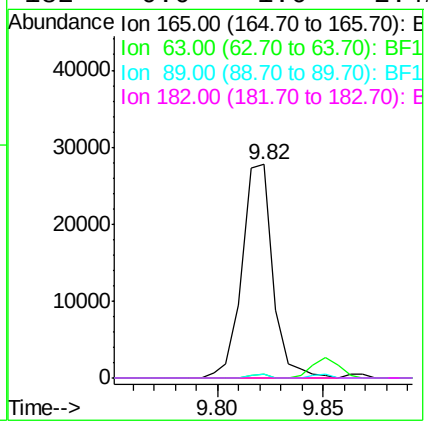


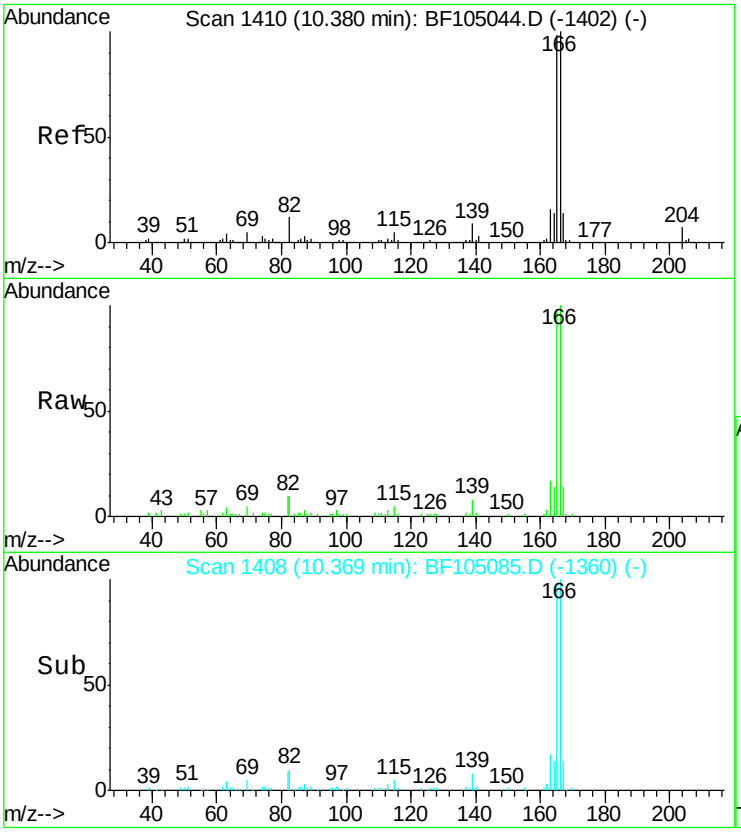


#56
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:165 Resp: 28116

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



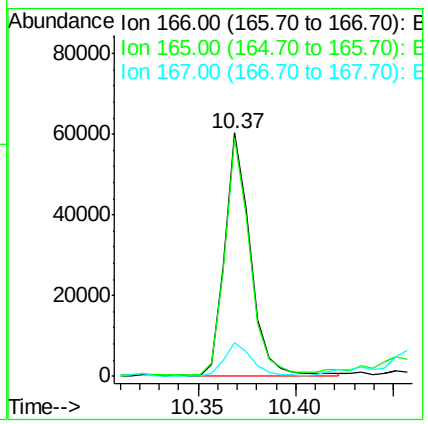


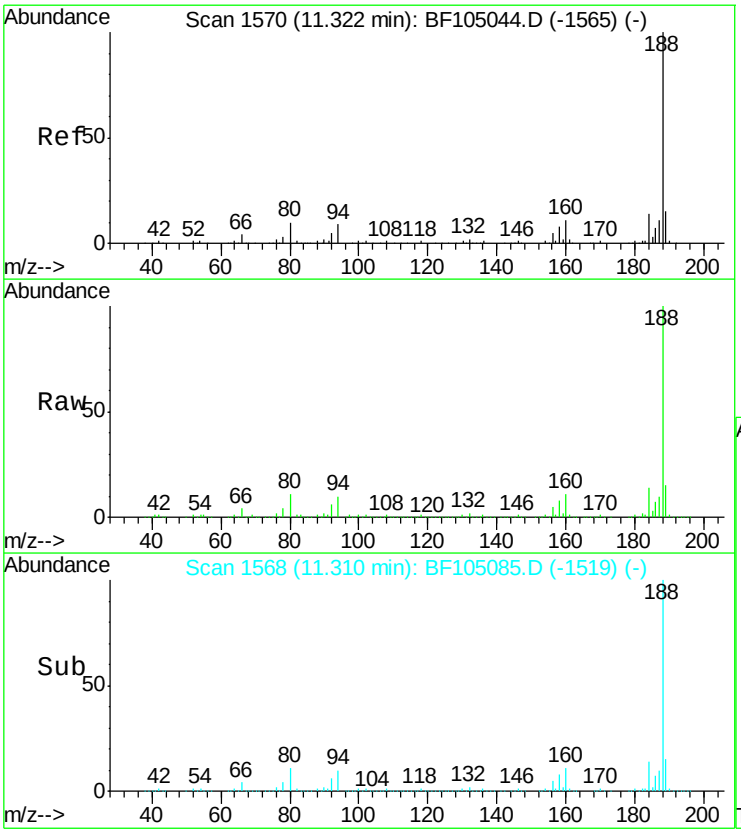
#57
Fluorene
Concen: 4.03 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 55147

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	14.0	10.6	16.0

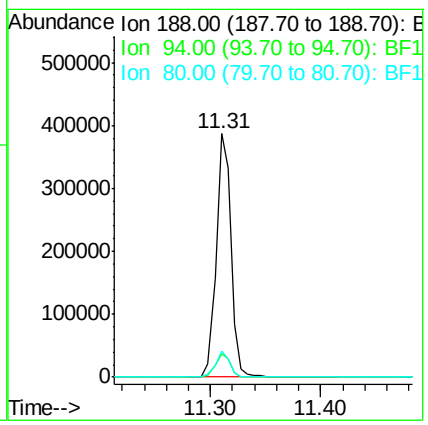


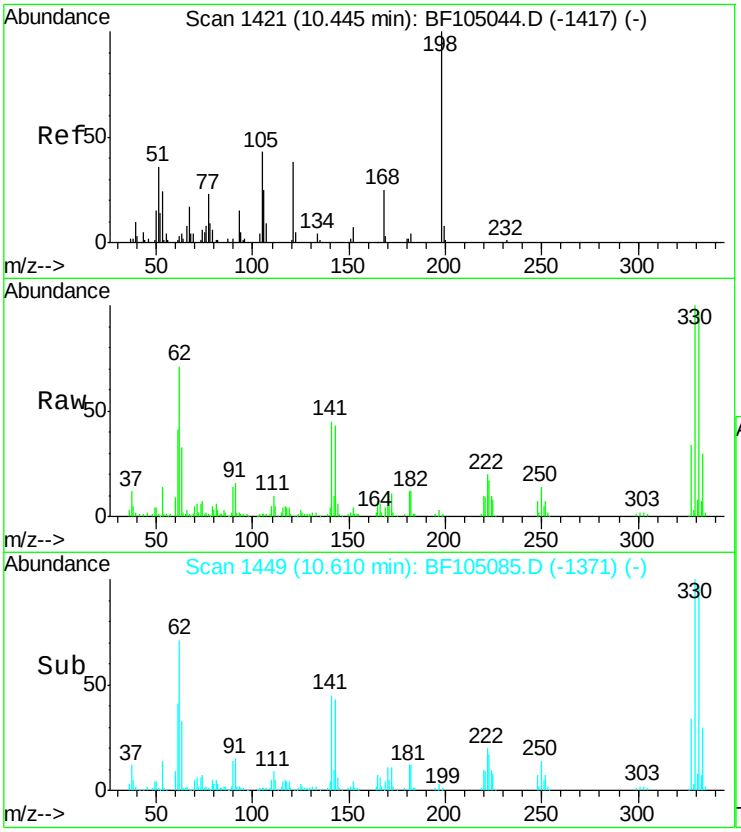


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:188 Resp: 358039

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.9	9.2	13.8



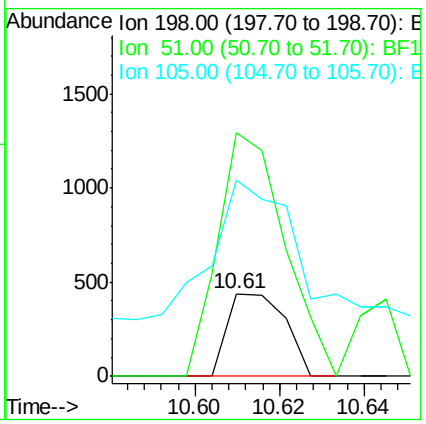


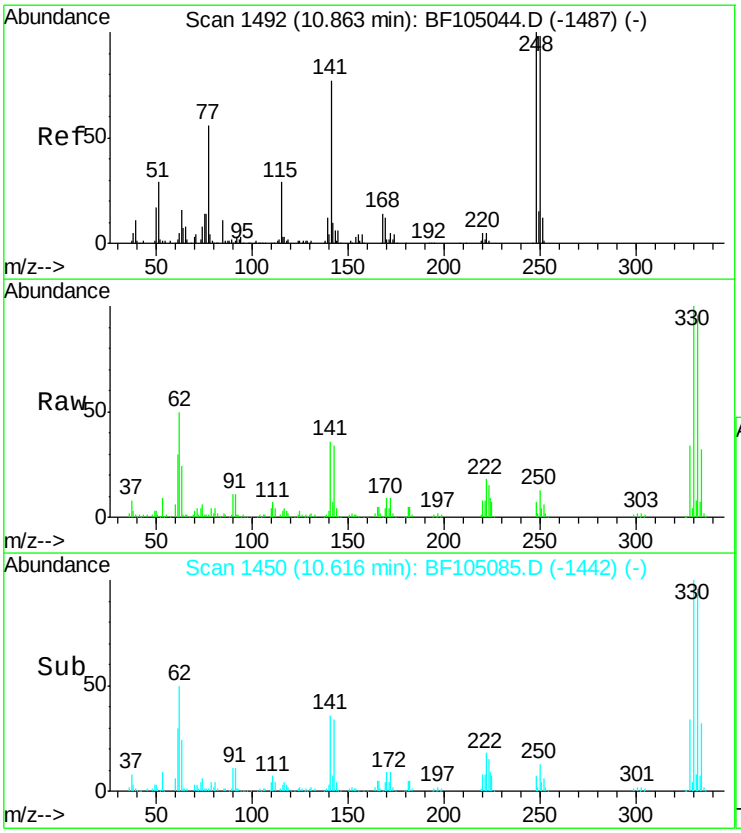
#64
4,6-Dinitro-2-methylphenol
Concen: 7.55 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.16 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 416

Ion	Ratio	Lower	Upper
198	100		
51	293.9	37.7	77.7#
105	236.8	36.3	76.3#

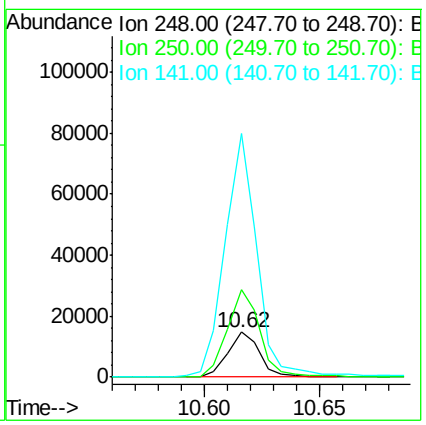


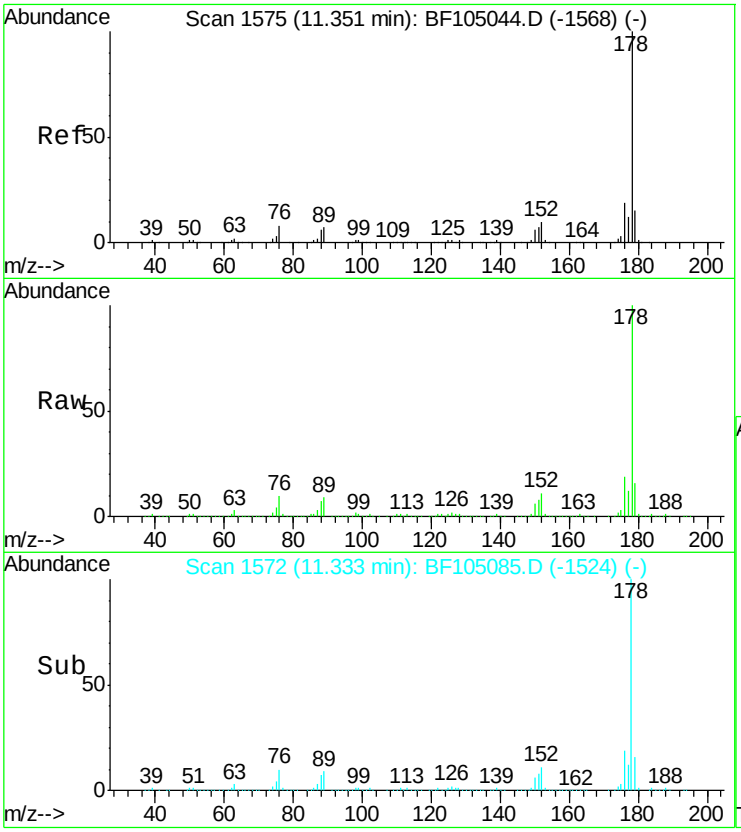


#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:248 Resp: 14258

Ion	Ratio	Lower	Upper
248	100		
250	195.2	76.9	115.3#
141	540.2	74.4	111.6#



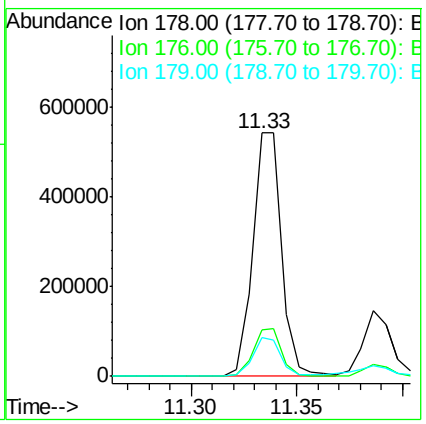


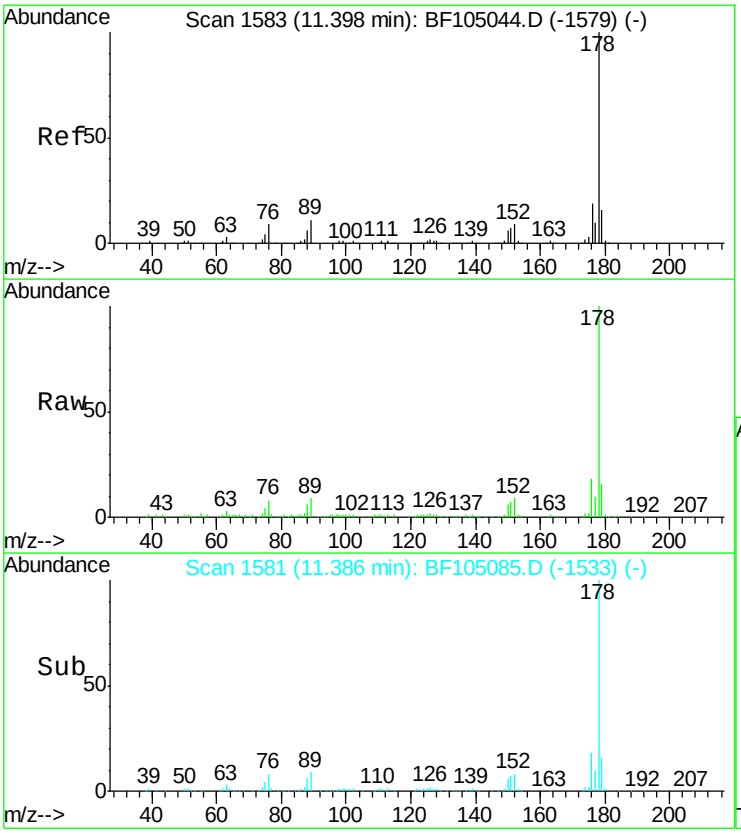
#70
Phenanthrene
Concen: 25.96 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 517568

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

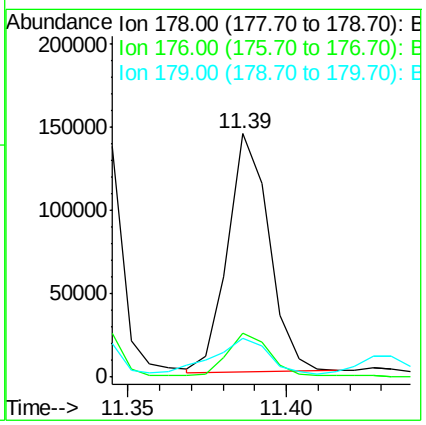


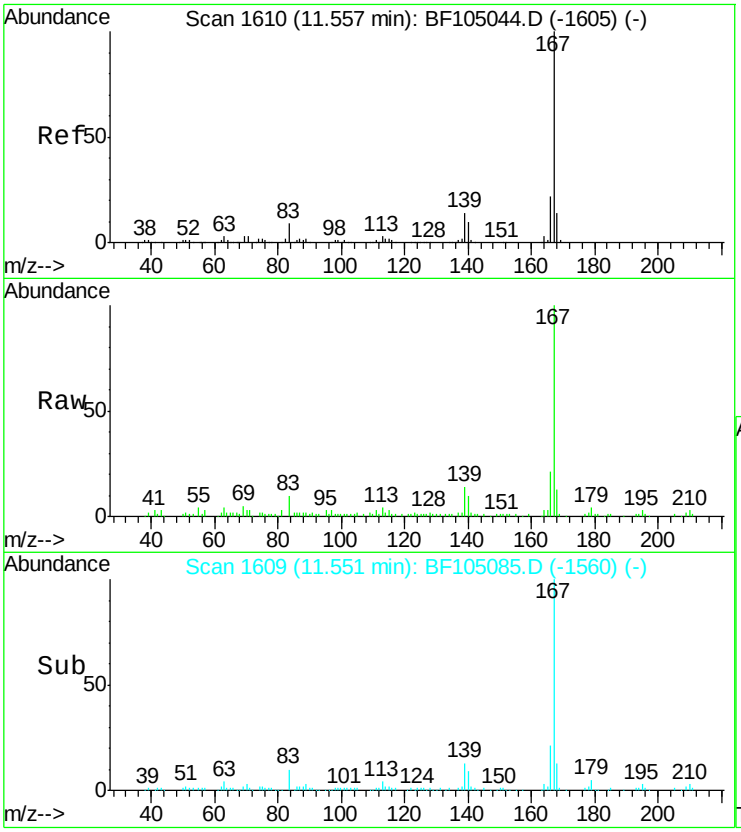


#71
Anthracene
Concen: 6.41 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:178 Resp: 129917

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.0	12.6	19.0



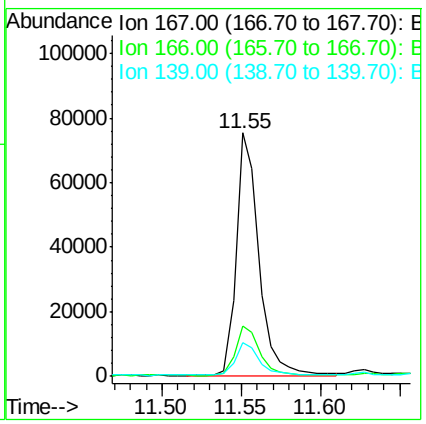


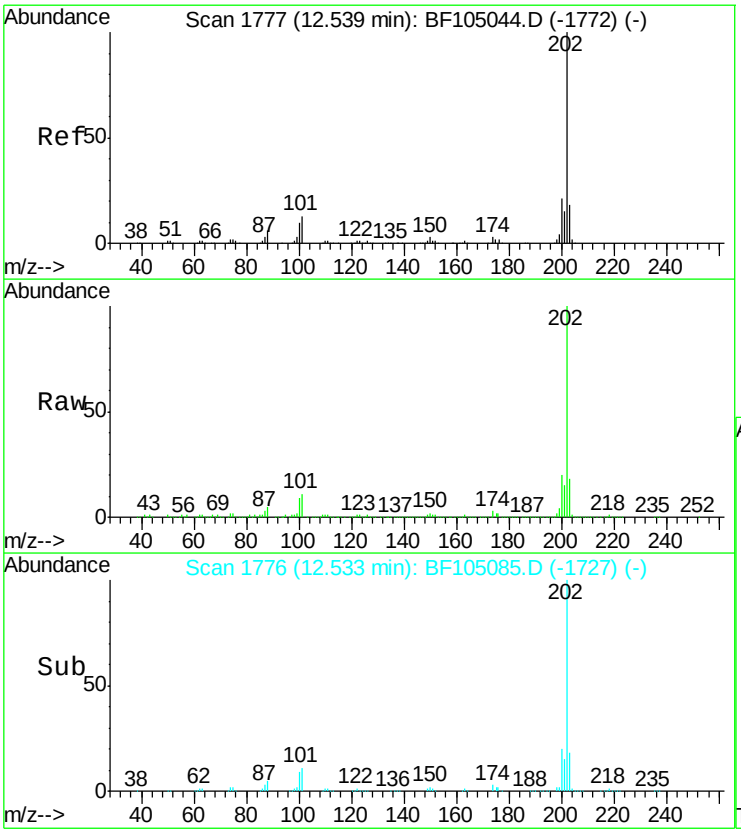
#72
Carbazole
Concen: 3.80 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 75343

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	13.9	10.9	16.3

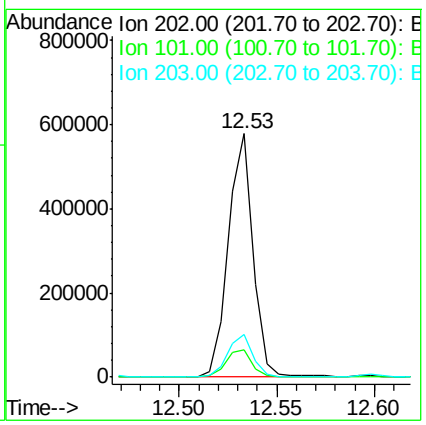


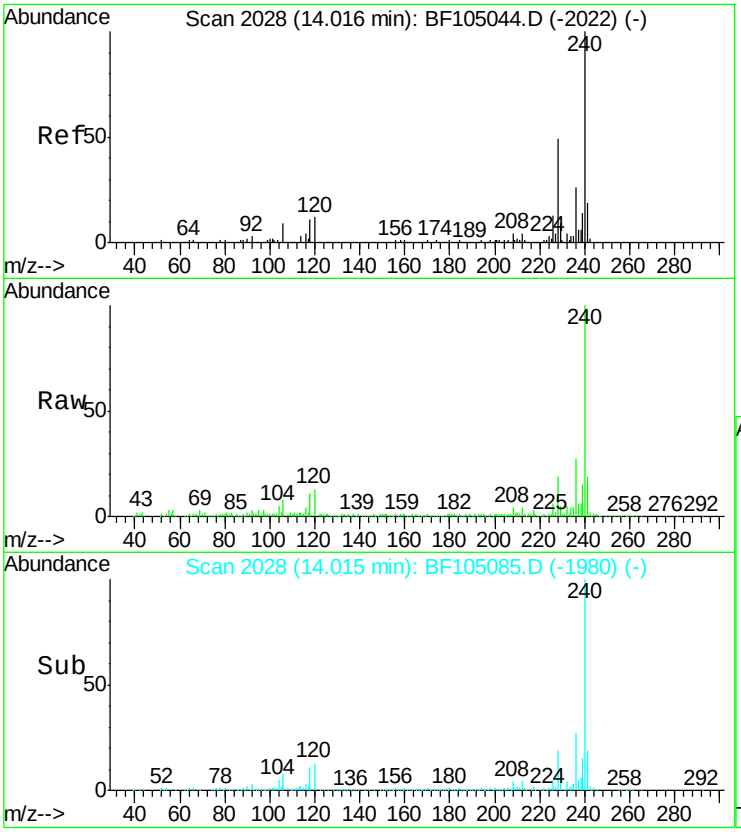


#74
Fluoranthene
Concen: 24.33 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:202 Resp: 506831

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.8	0.0	38.1



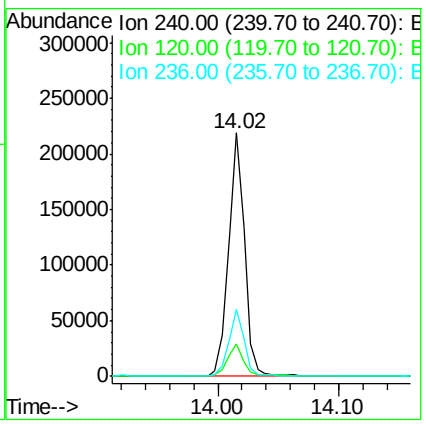


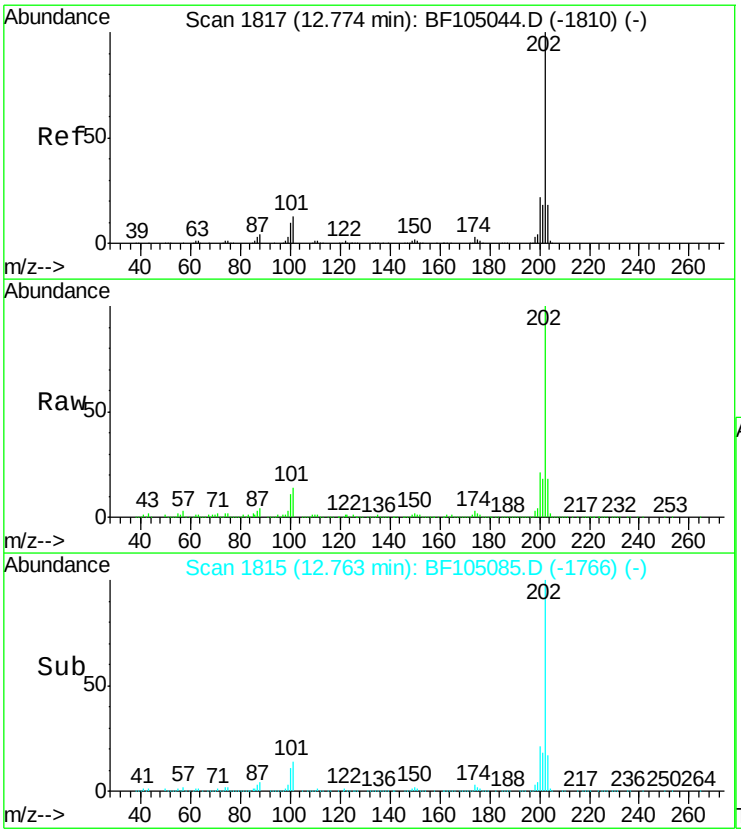
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 203075

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	27.5	20.7	31.1

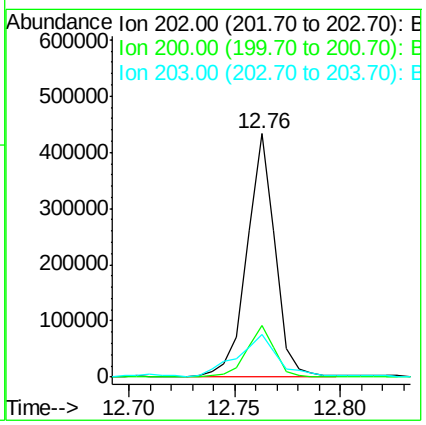


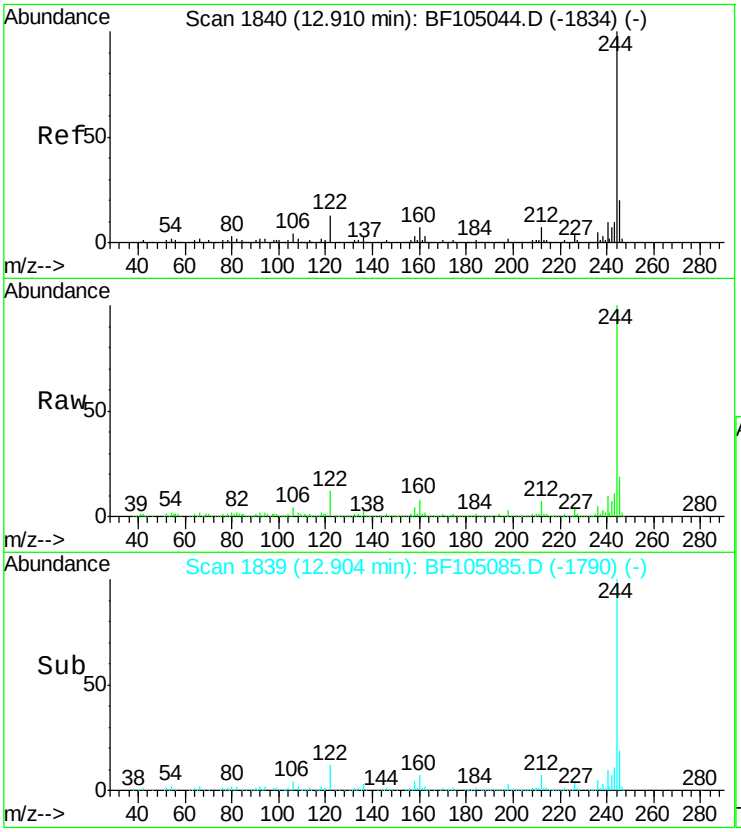


#77
Pyrene
Concen: 26.53 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:202 Resp: 399371

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5



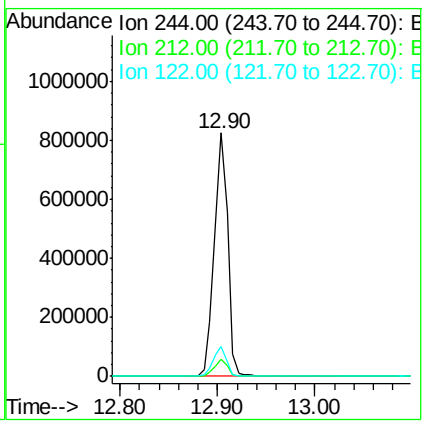


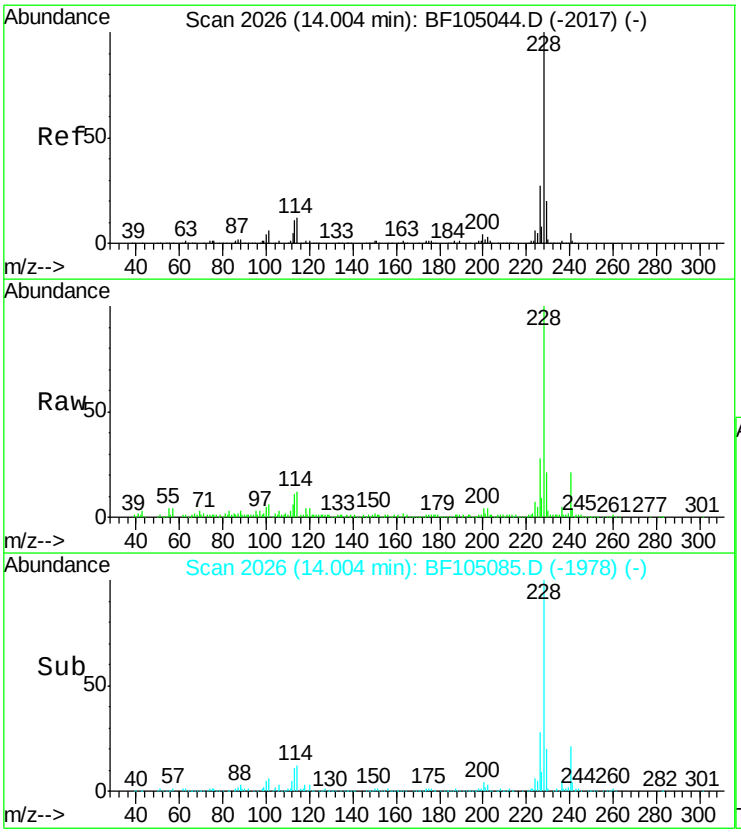
#78
Terphenyl-d14
Concen: 88.96 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 792394

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4

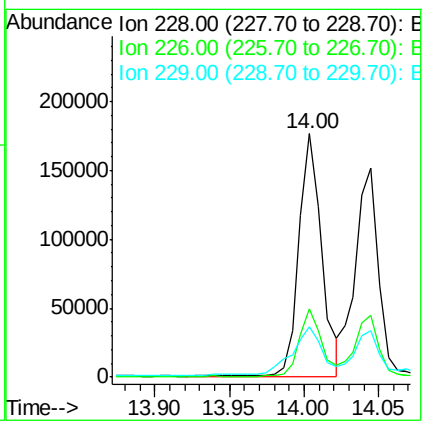


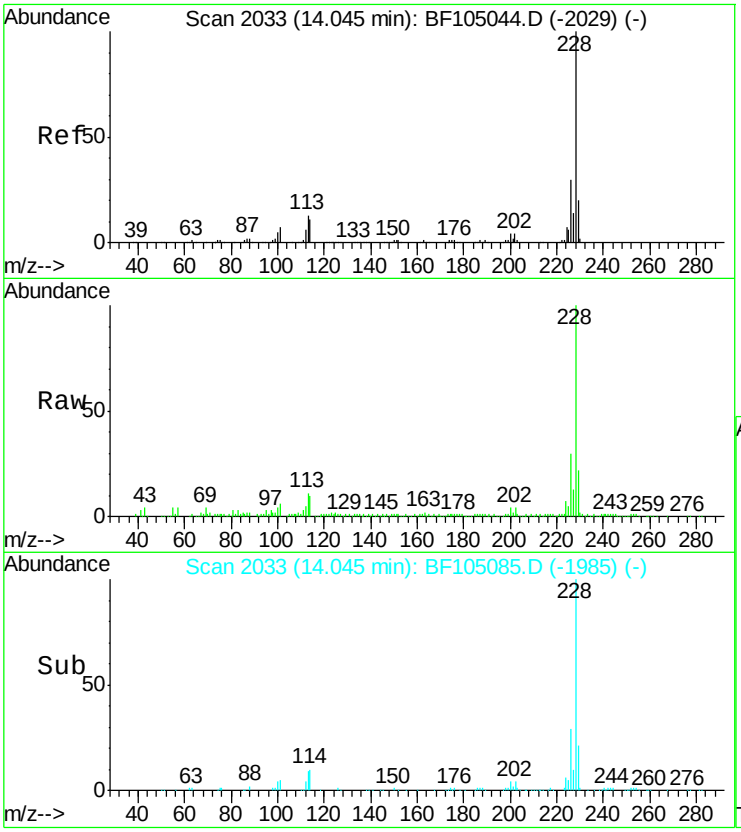


#80
Benzo(a)anthracene
Concen: 15.48 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:228 Resp: 187785

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.8	15.8	23.6



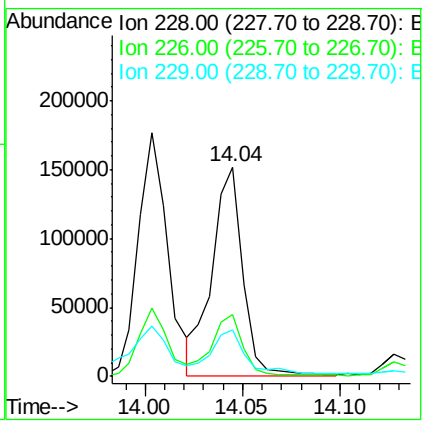


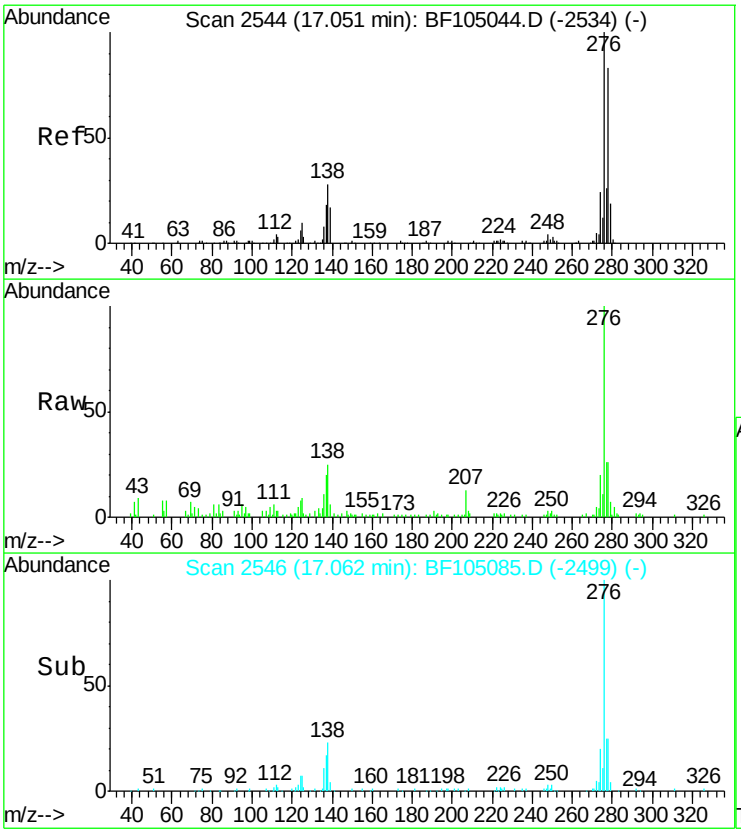
#82
Chrysene
Concen: 13.36 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 166511

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.1	16.2	24.4

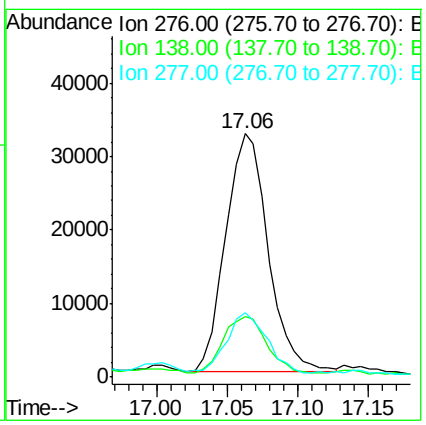


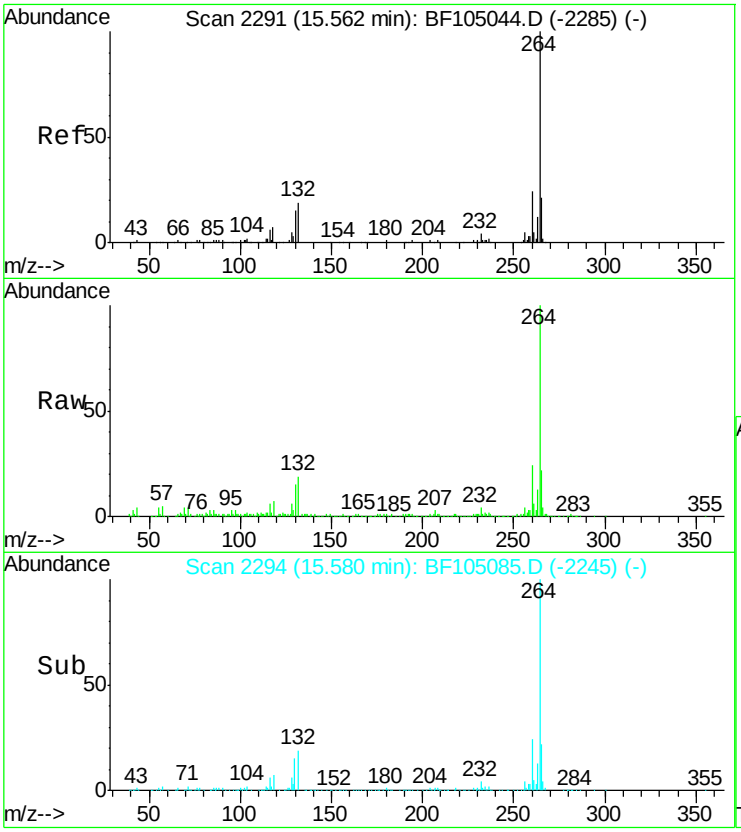


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.43 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:276 Resp: 68117

Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	24.4	20.1	30.1



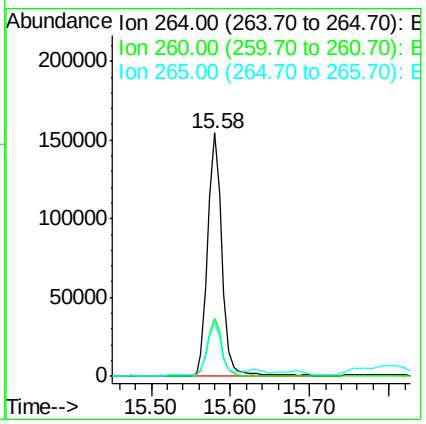


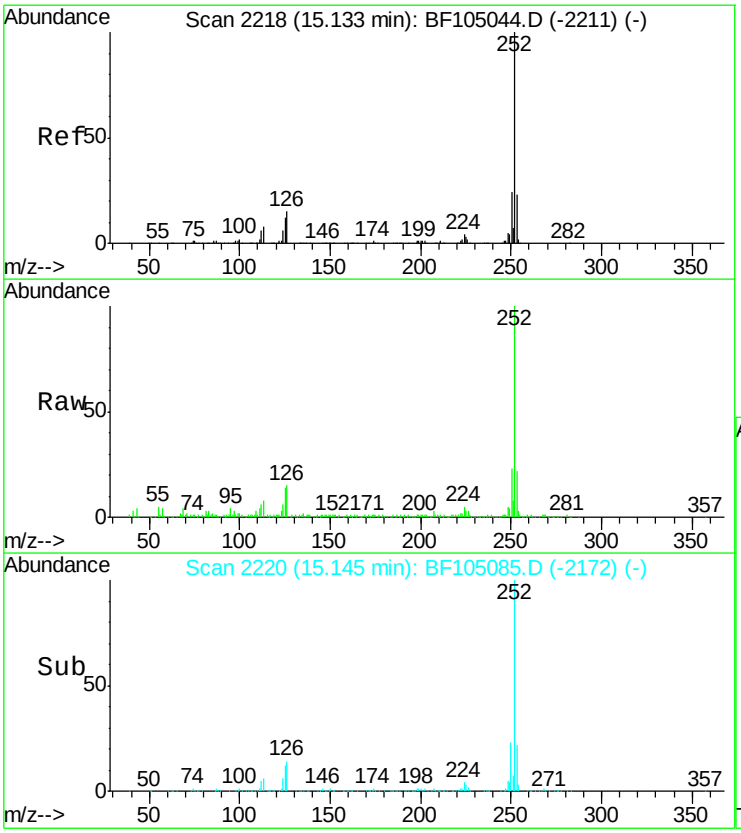
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 192104

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.5	26.3

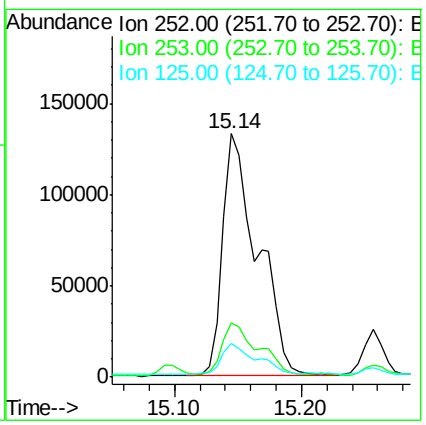


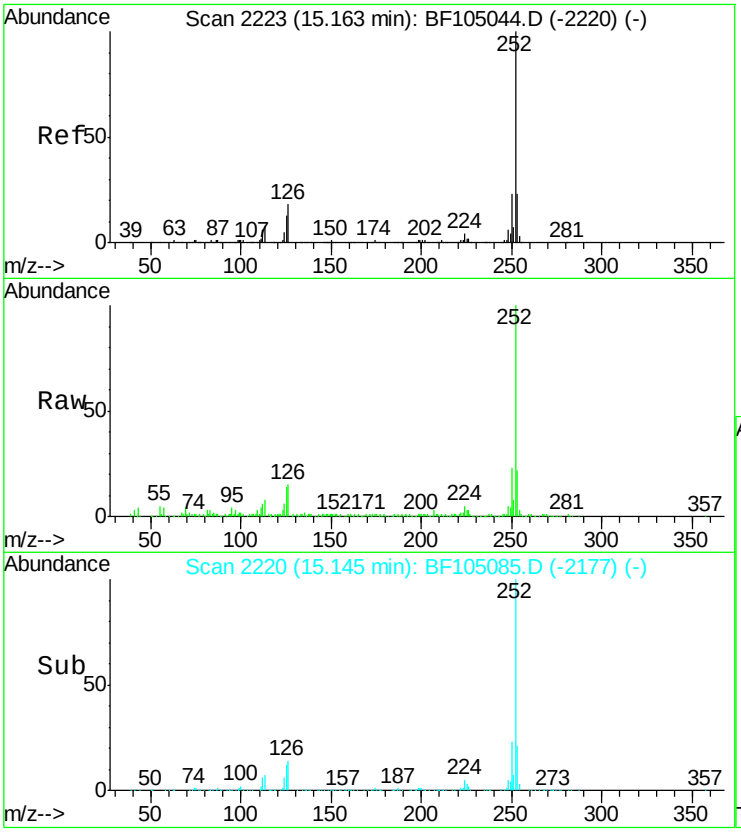


#87
Benzo(b)fluoranthene
Concen: 21.10 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:252 Resp: 256035

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.6	9.0	13.6#



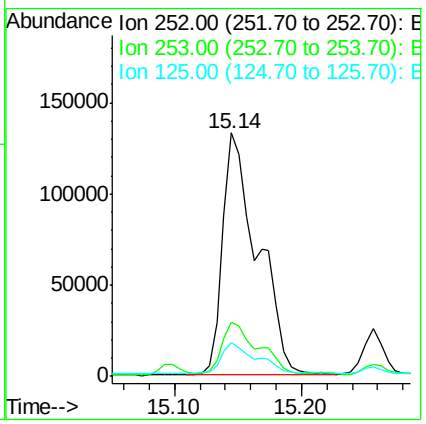


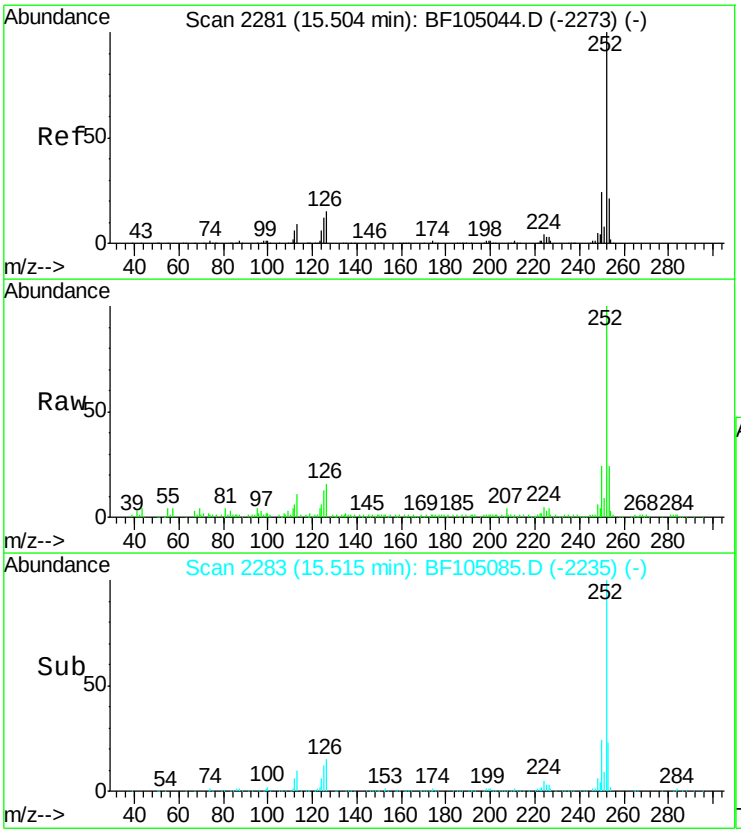
#88
Benzo(k)fluoranthene
Concen: 22.35 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.05 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 256035

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.6	10.2	15.2

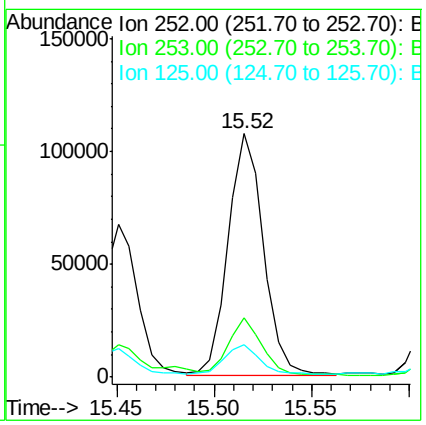


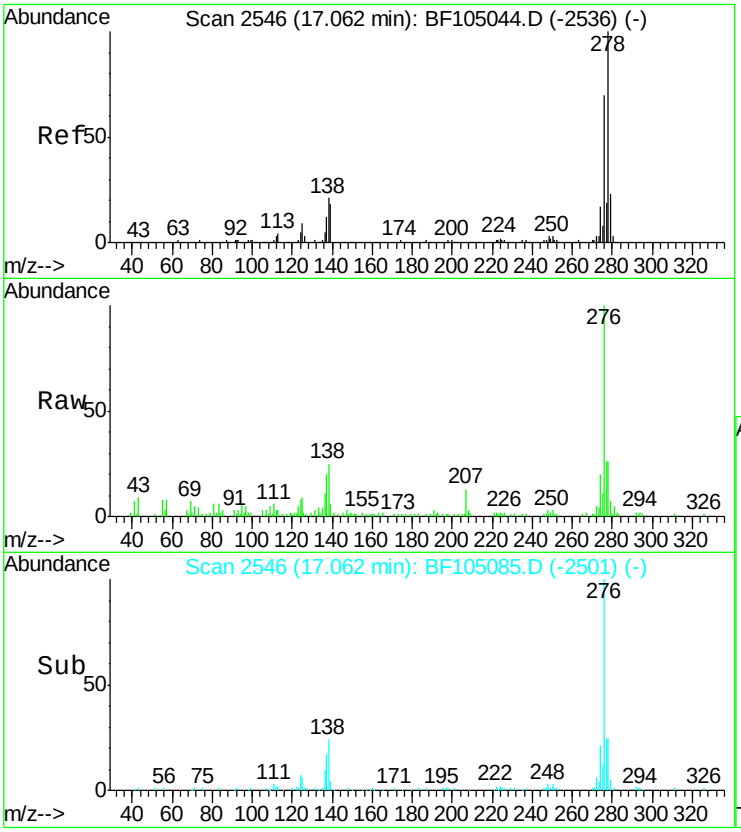


#89
Benzo(a)pyrene
Concen: 12.49 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:252 Resp: 135602

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	13.1	9.8	14.6



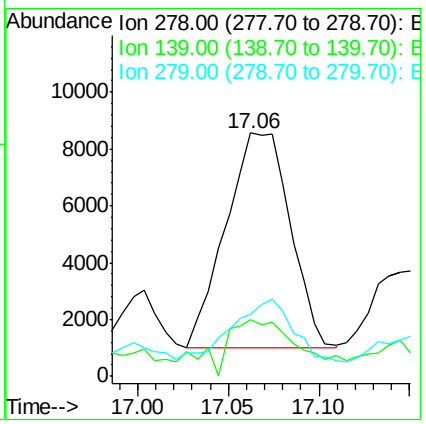


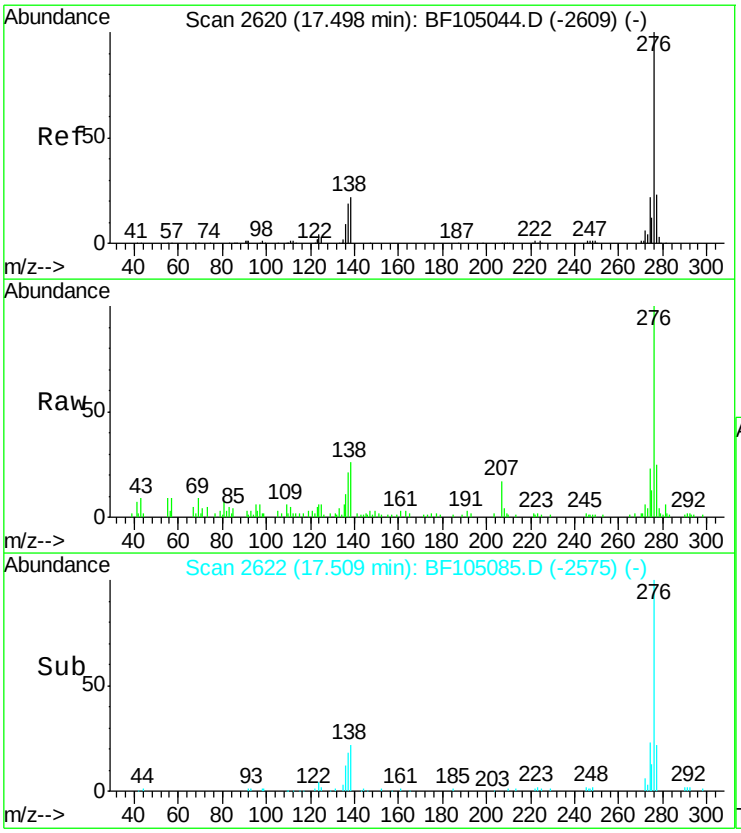
#90
Dibenzo(a,h)anthracene
Concen: 2.11 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18779

Ion	Ratio	Lower	Upper
278	100		
139	23.2	15.9	23.9
279	25.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 7.09 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.02 min
Lab File: BF105085.D
Acq: 3 May 2018 20:58

Tgt Ion:276 Resp: 61252

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	26.4	21.8	32.8