Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102945.D
Acq On : 13 Feb 2018 3:13
Operator : SJ/JU
Sample : J1526-01DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 13 04:49:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171340	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	699004	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	282246	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	402178	20.00	ng		0.00
75) Chrysene-d12	14.06	240	304441	20.00	ng		0.00
86) Perylene-d12	15.54	264	284852	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	250966	22.24	ng		0.00
7) Phenol-d6	6.50	99	298876	22.00	ng		0.00
23) Nitrobenzene-d5	7.44	82	184169	18.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	39052	17.19	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	303139	17.82	ng		0.00
78) Terphenyl-d14	12.99	244	187396	14.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	23242	2.59	ng	#	85
25) Isophorone	7.44	82	184167	7.94	ng	#	64
47) 2-Nitroaniline	9.42	65	228	3.51	ng	#	2
48) Acenaphthylene	9.78	152	61287	2.11	ng		98
49) Dimethylphthalate	9.63	163	62196	2.83	ng		97
50) 2,6-Dinitrotoluene	9.92	165	40428	9.66	ng	#	26
51) Acenaphthene	9.95	154	47628	2.74	ng		99
54) Dibenzofuran	10.13	168	50466	2.06	ng		96
55) 4-Nitrophenol	10.03	139	1616	4.39	ng	#	30
56) 2,4-Dinitrotoluene	10.16	165	1273	3.29	ng	#	55
57) Fluorene	10.47	166	142997	8.02	ng		98
70) Phenanthrene	11.44	178	1030246	46.00	ng		99
71) Anthracene	11.49	178	445851	19.57	ng		99
74) Fluoranthene	12.63	202	1034648	45.91	ng		97
77) Pyrene	12.86	202	995208	41.69	ng		100
80) Benzo(a)anthracene	14.04	228	519303	27.12	ng		98
82) Chrysene	14.08	228	468173	24.26	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	132670	8.29	ng		98
87) Benzo(b)fluoranthene	15.10	252	633377	34.30	ng	#	95
88) Benzo(k)fluoranthene	15.10	252	633377	35.89	ng	#	97
89) Benzo(a)pyrene	15.47	252	353361	21.26	ng	#	96
90) Dibenzo(a,h)anthracene	17.22	278	33448	2.48	ng		96
91) Benzo(g,h,i)perylene	17.49	276	124241	9.41	ng		97

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

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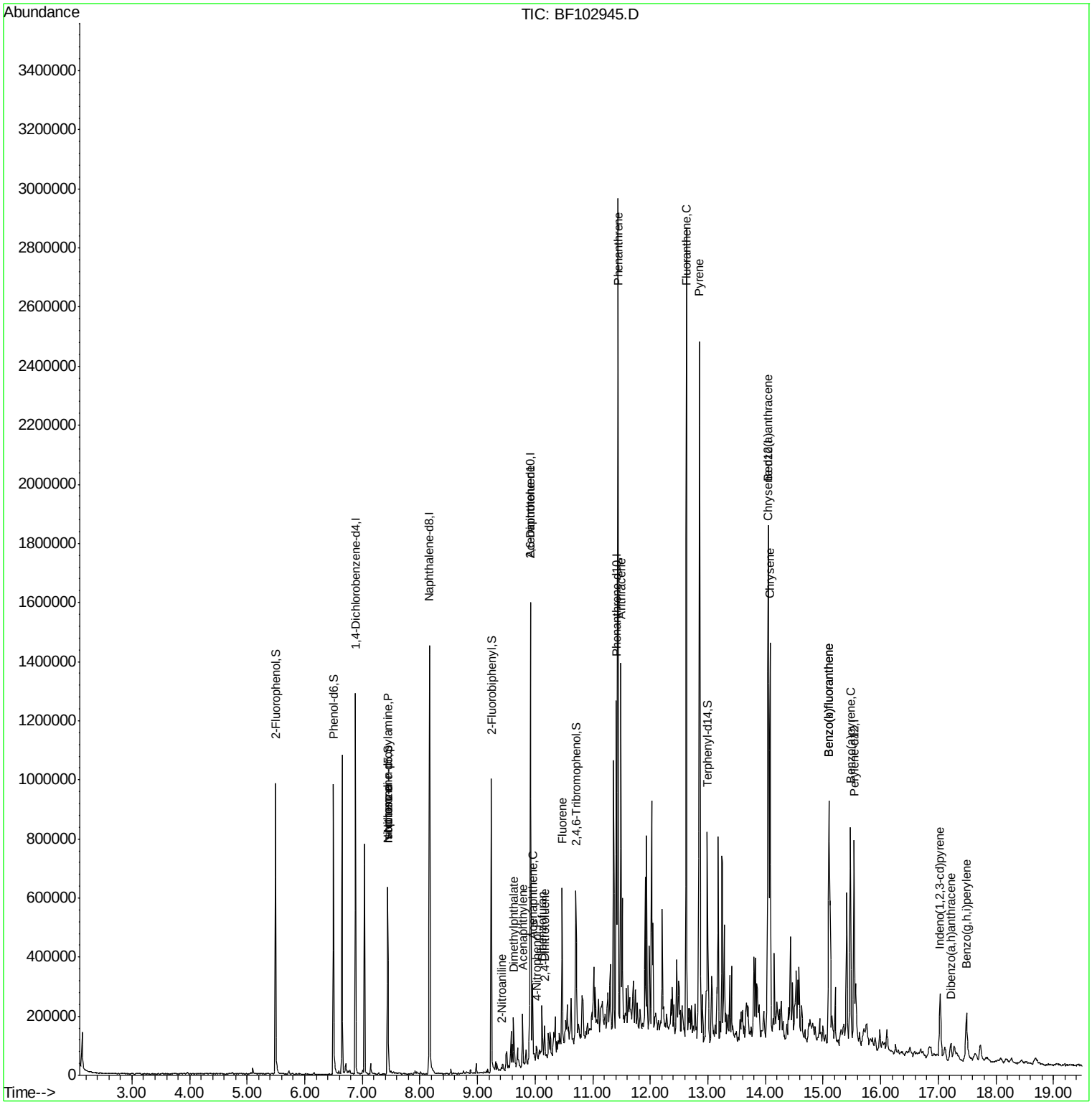
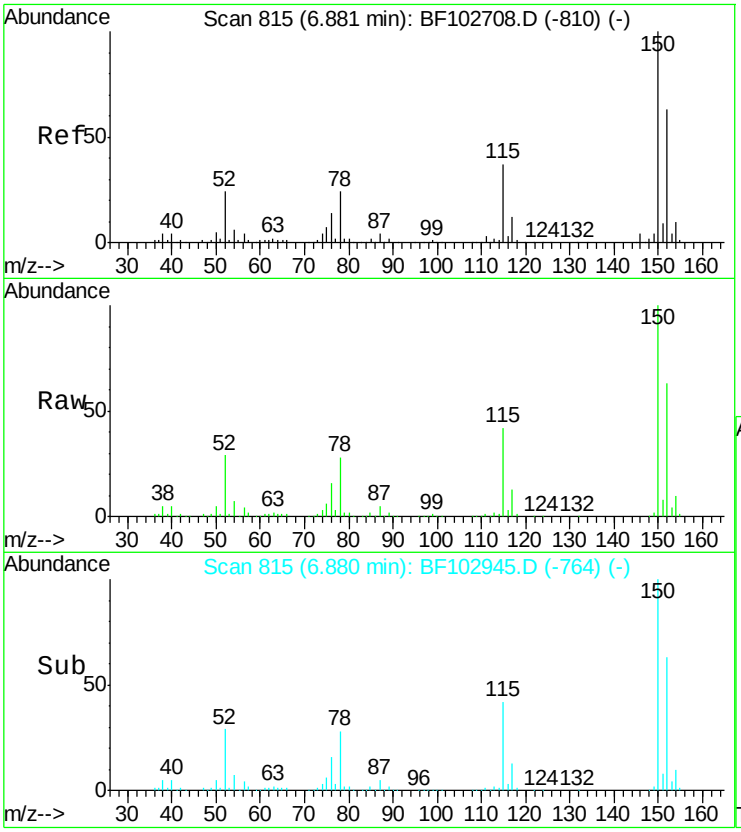


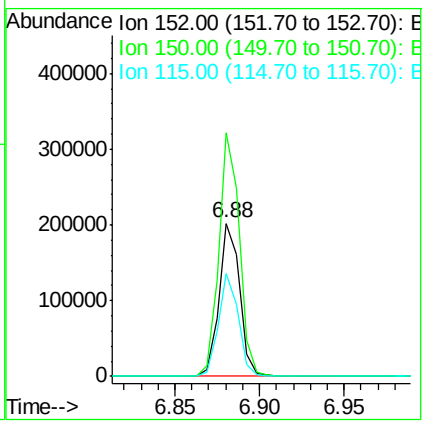


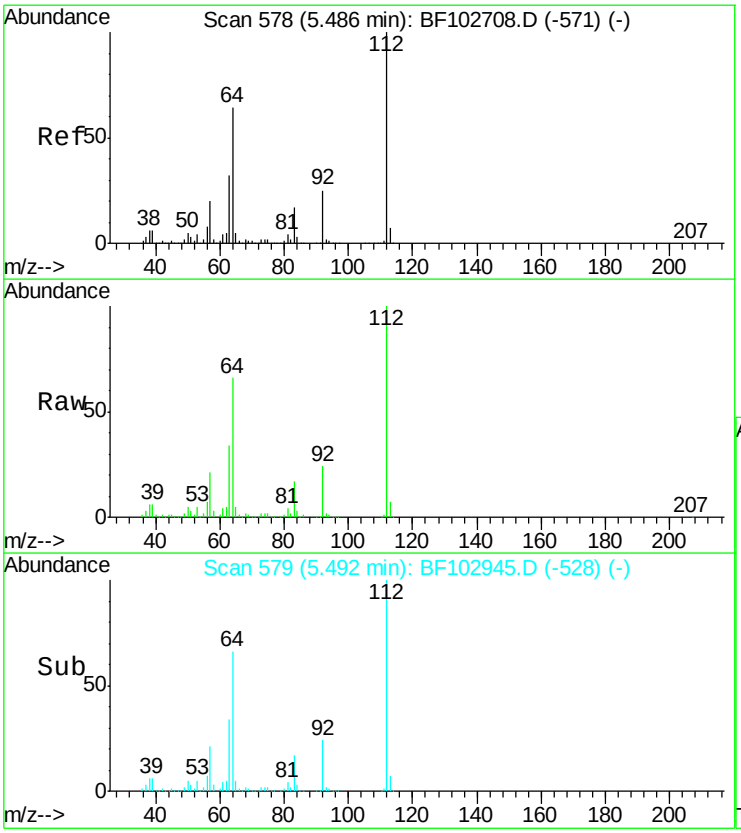
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171340

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	67.4	50.1	75.1

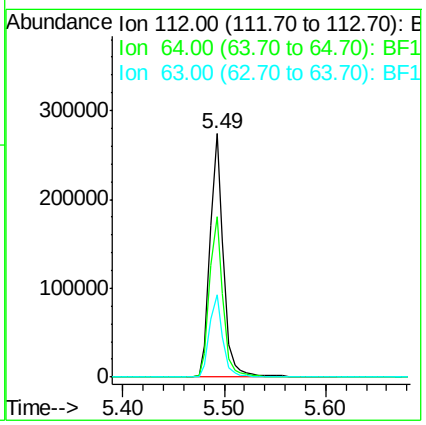


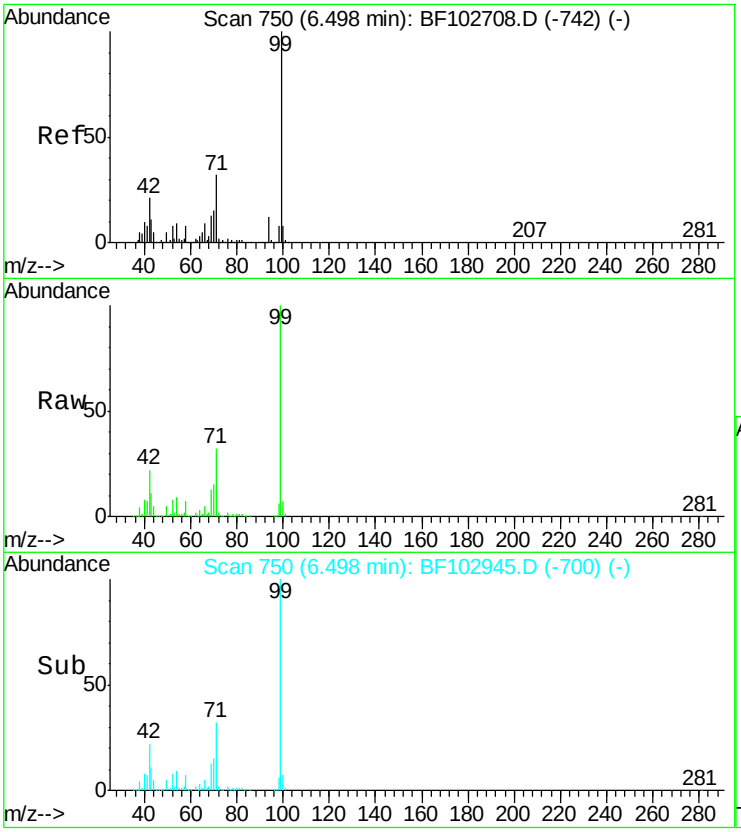


#5
2-Fluorophenol
Concen: 22.24 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:112 Resp: 250966

Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.9	23.7	35.5



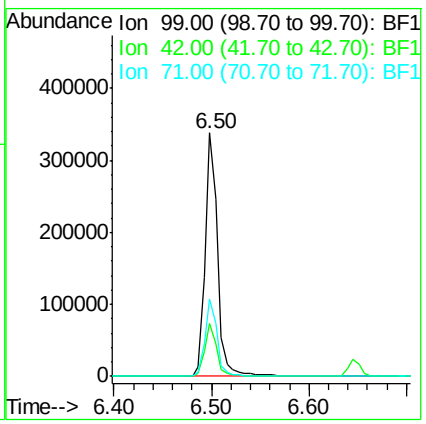


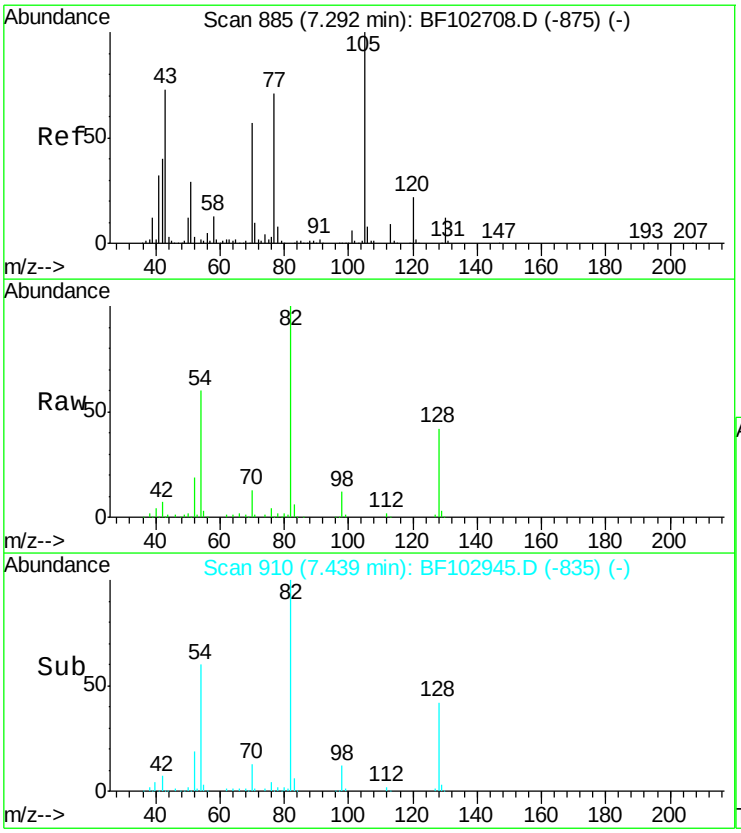
#7
Phenol-d6
Concen: 22.00 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 298876

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	31.6	25.4	38.0

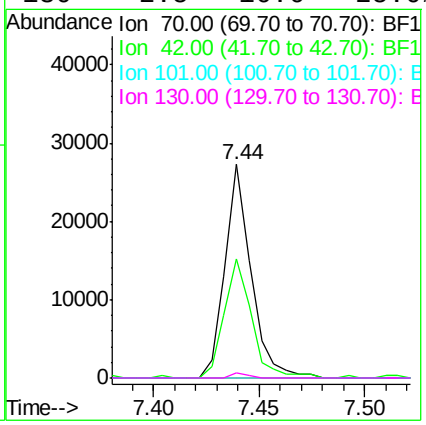


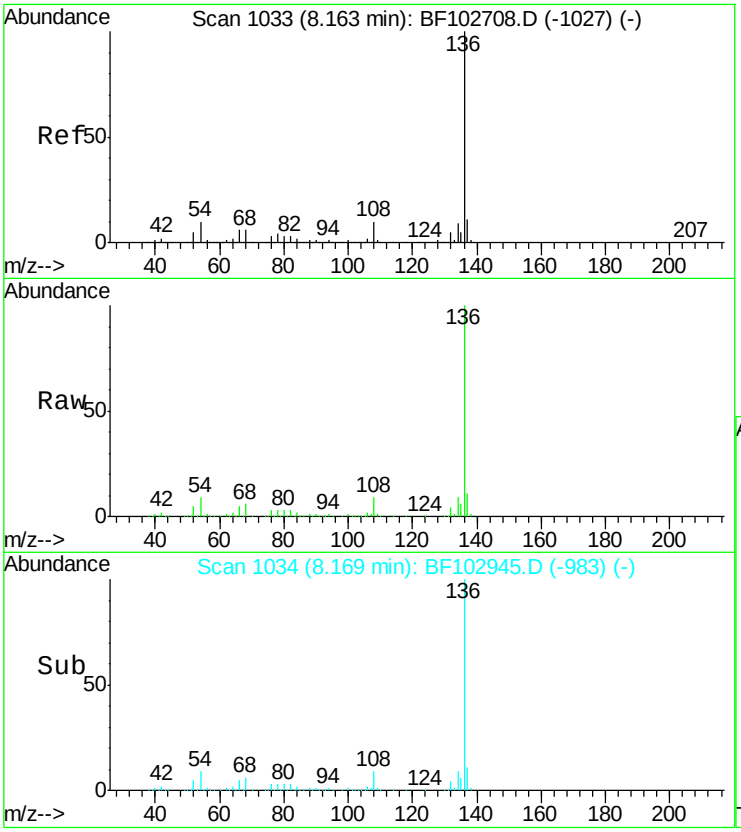


#19
n-Nitroso-di-n-propylamine
Concen: 2.59 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion: 70 Resp: 23242

Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



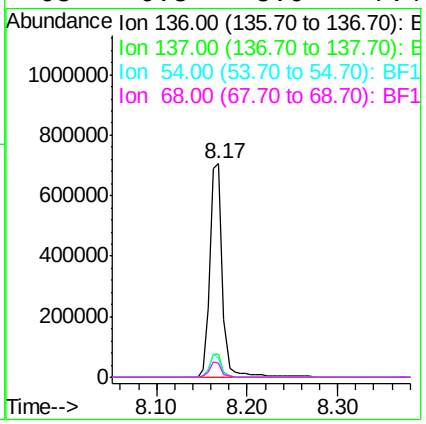


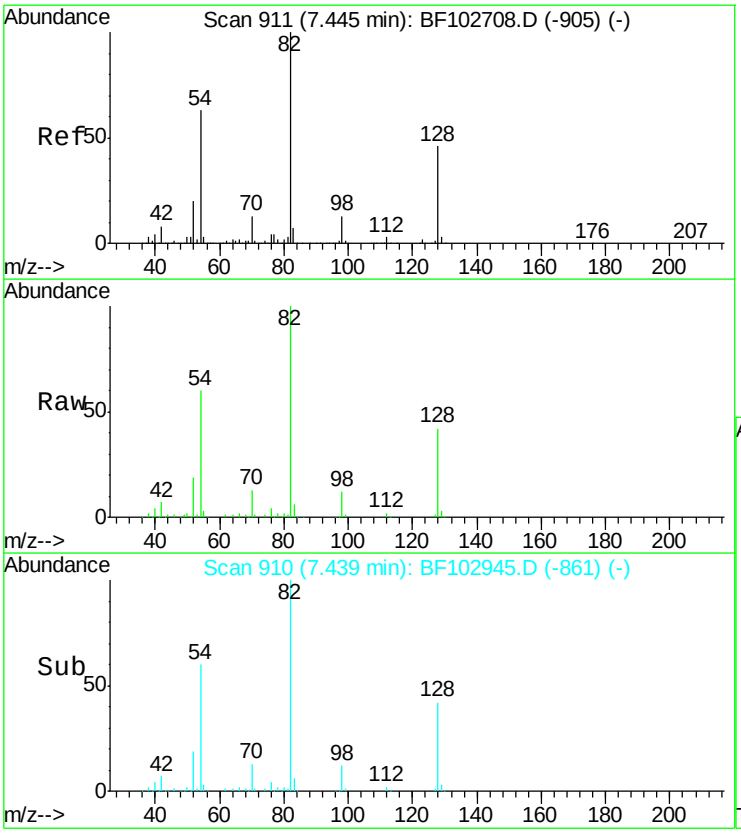
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 699004

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

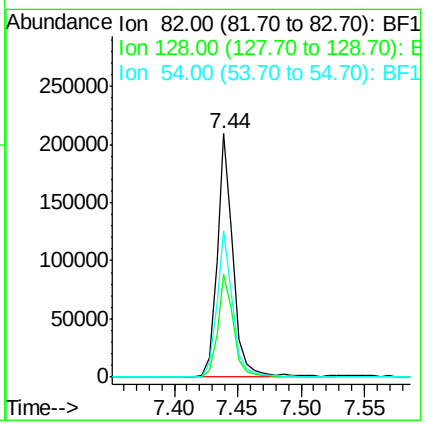


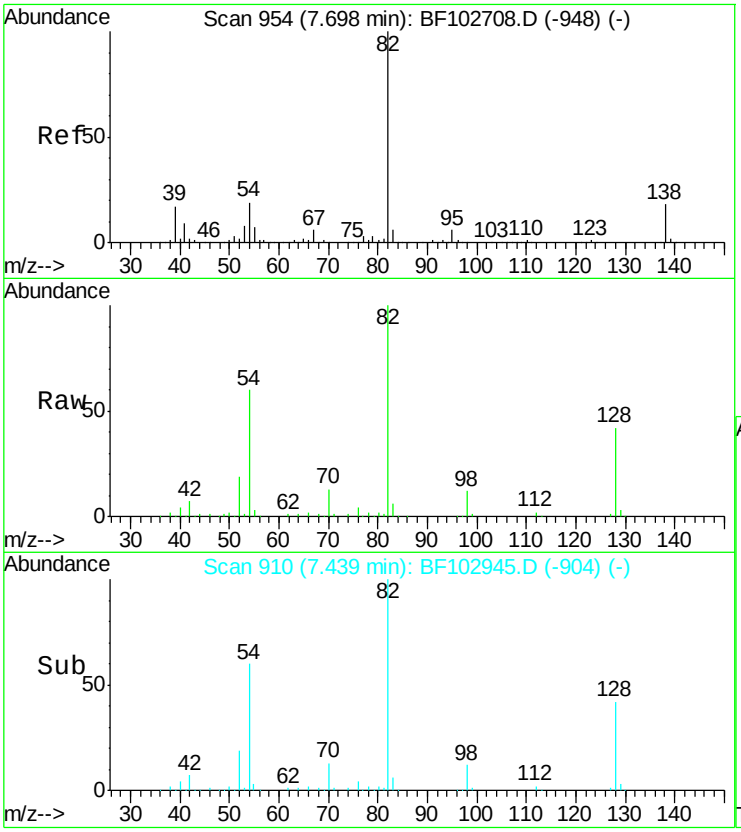


#23
Nitrobenzene-d5
Concen: 18.28 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion: 82 Resp: 184169

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	60.1	41.4	62.2



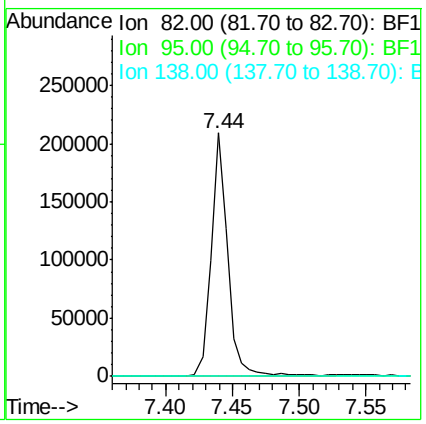


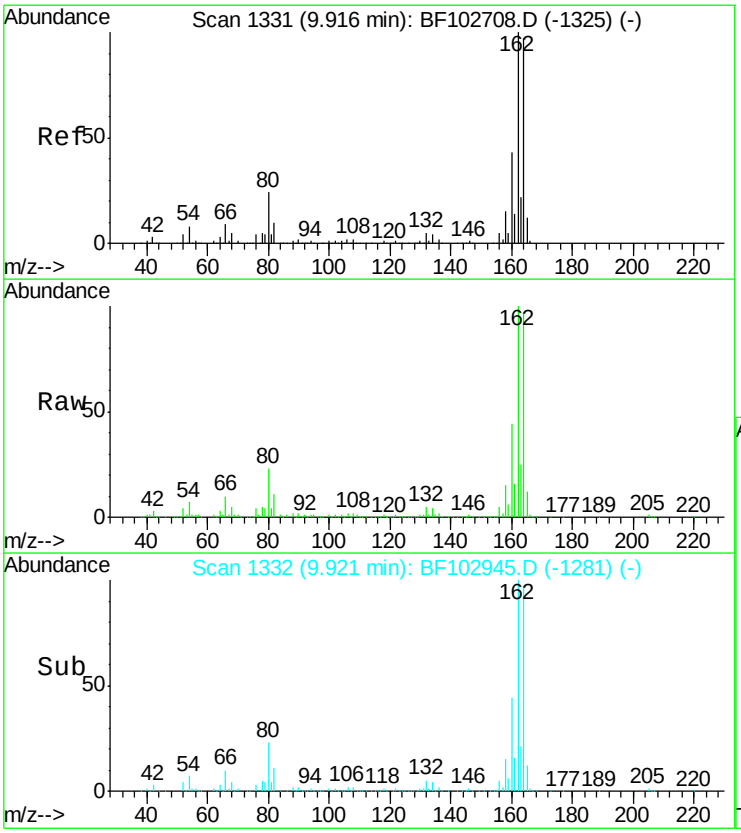
#25
Isophorone
Concen: 7.94 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 184167

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

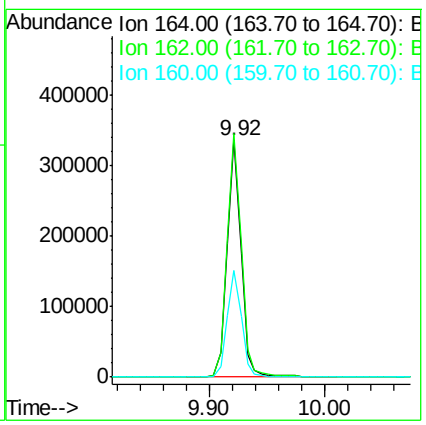


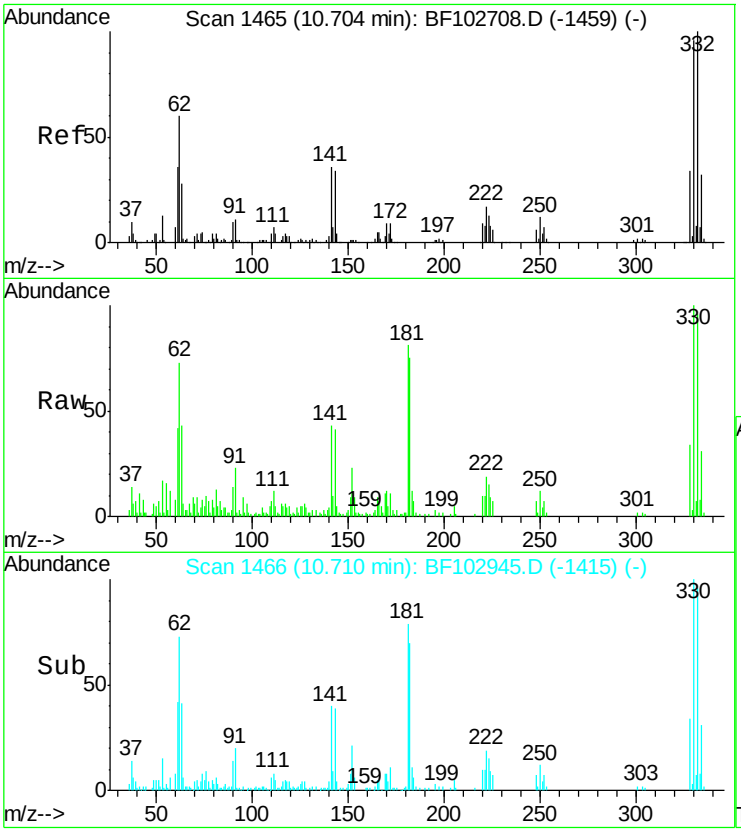


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:164 Resp: 282246

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	44.9	38.3	57.5



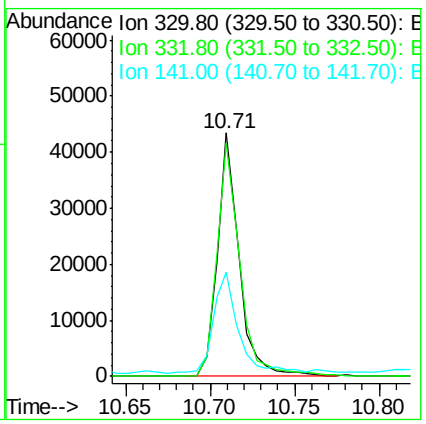


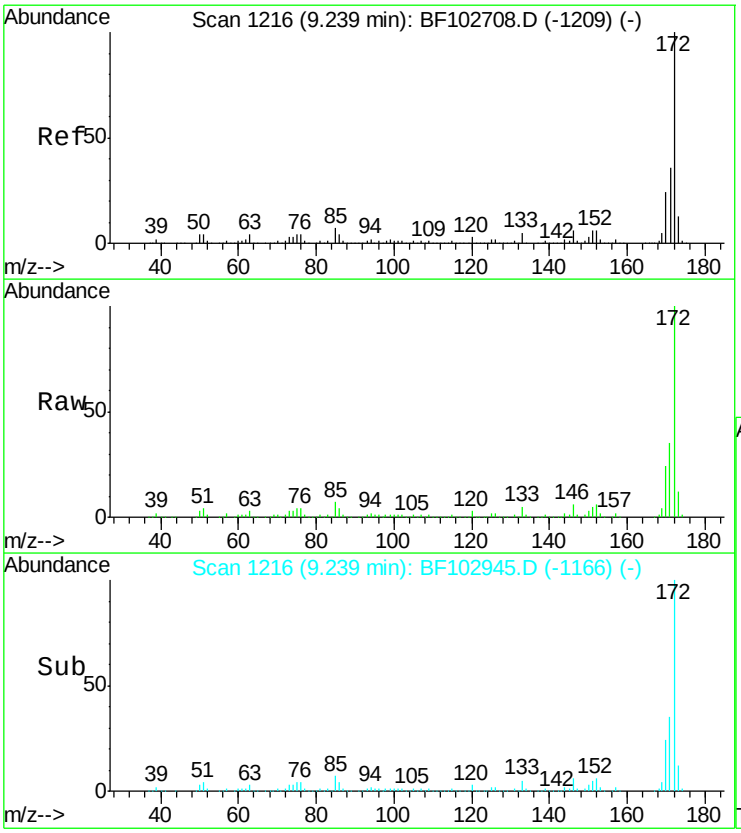
#41
2,4,6-Tribromophenol
Concen: 17.19 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 39052

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	47.4	29.9	44.9#

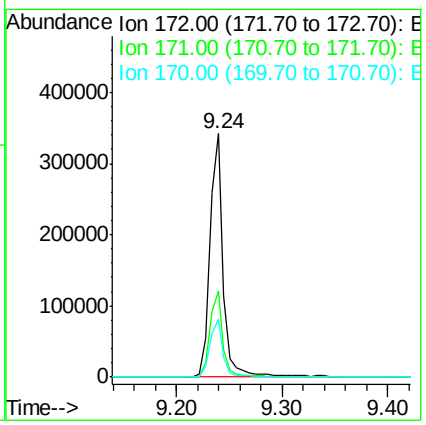


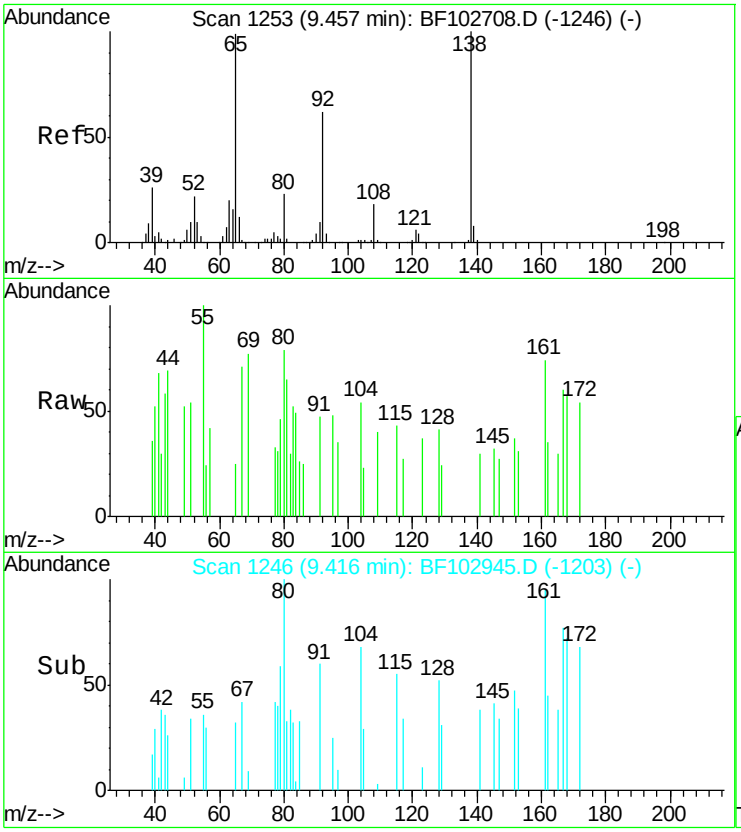


#44
2-Fluorobiphenyl
Concen: 17.82 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:172 Resp: 303139

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4



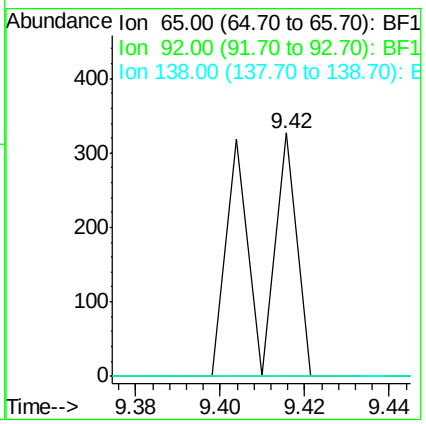


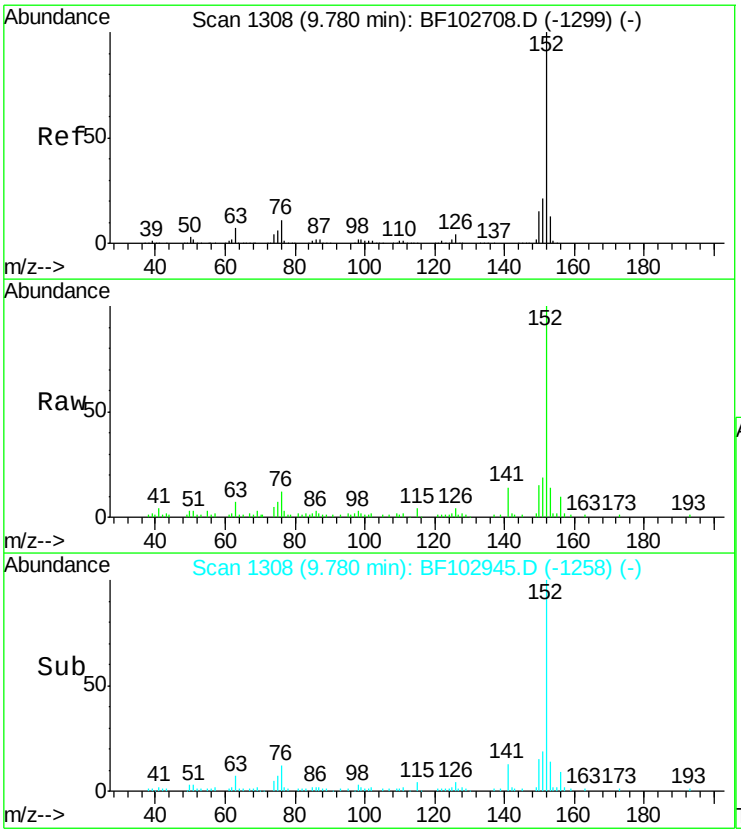
#47
2-Nitroaniline
Concen: 3.51 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 228

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

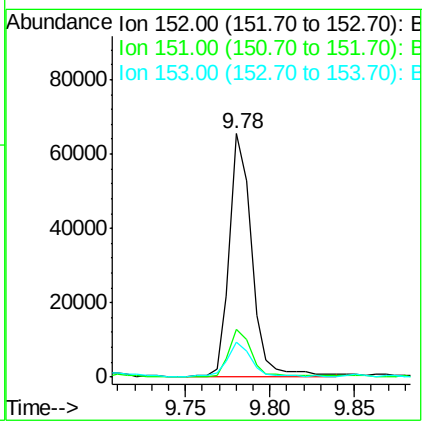


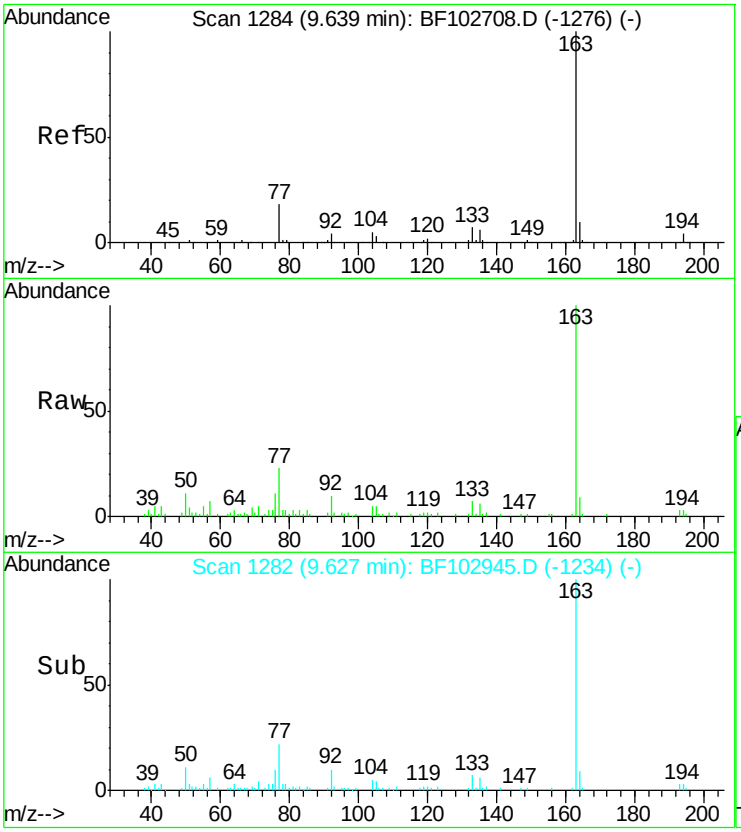


#48
Acenaphthylene
Concen: 2.11 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:152 Resp: 61287

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	14.2	10.7	16.1

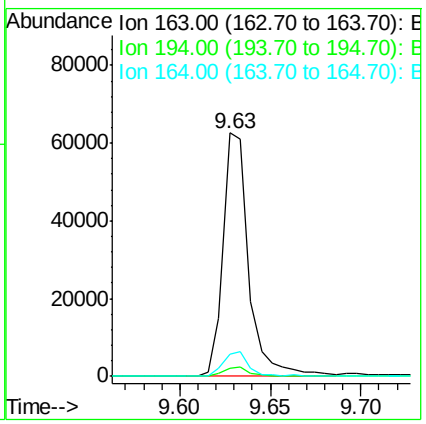




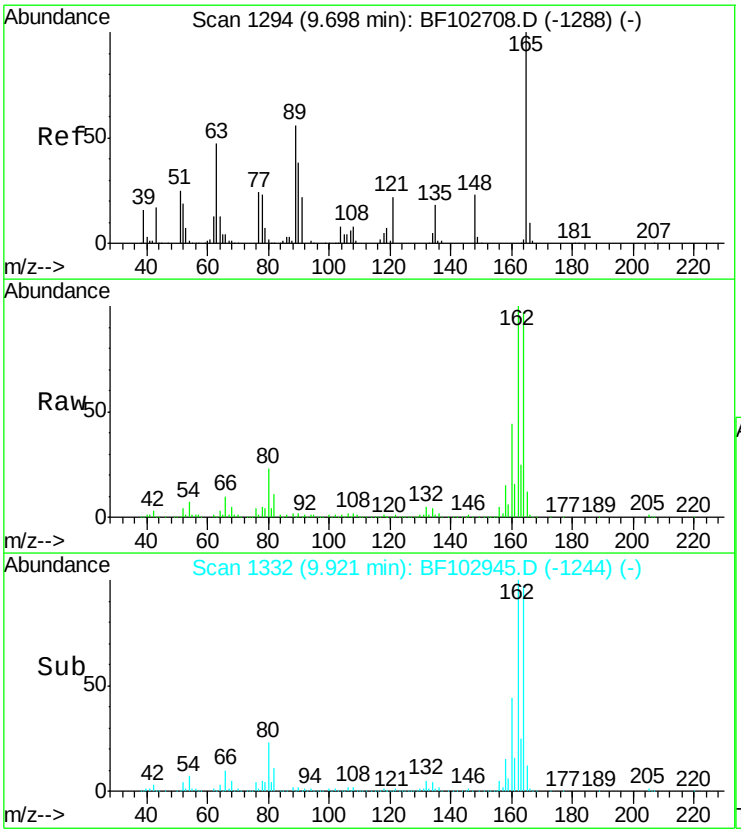
#49
Dimethylphthalate
Concen: 2.83 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:163 Resp: 62196

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	8.9	8.2	12.2



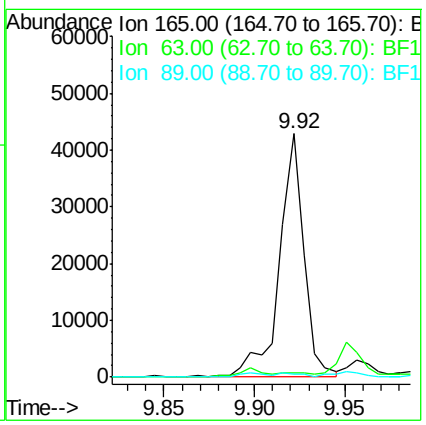
Instrument :
BNA_F
ClientSampleId :

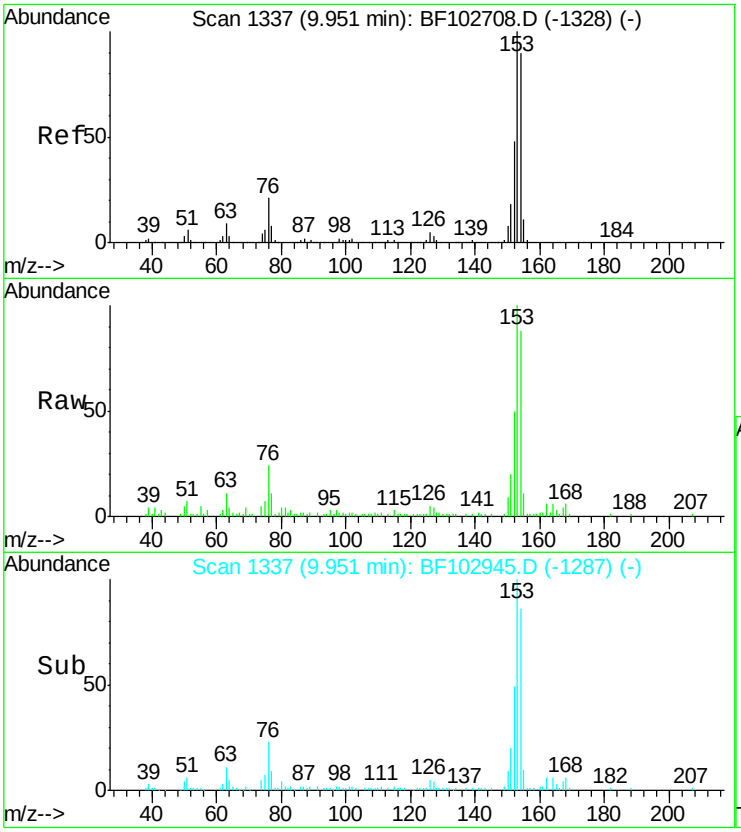


#50
2,6-Dinitrotoluene
Concen: 9.66 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:165 Resp: 40428

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.3	44.0	66.0#



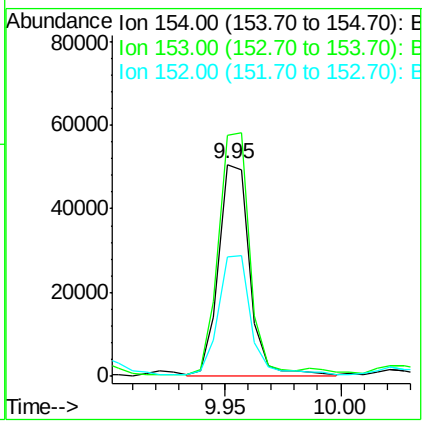


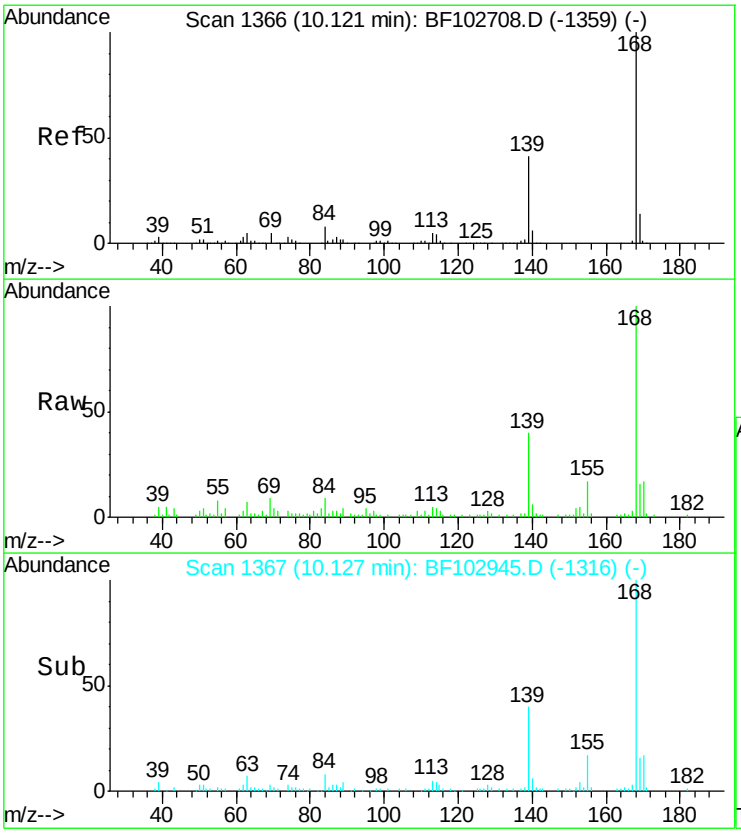
#51
Acenaphthene
Concen: 2.74 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 47628

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	56.7	43.8	65.8

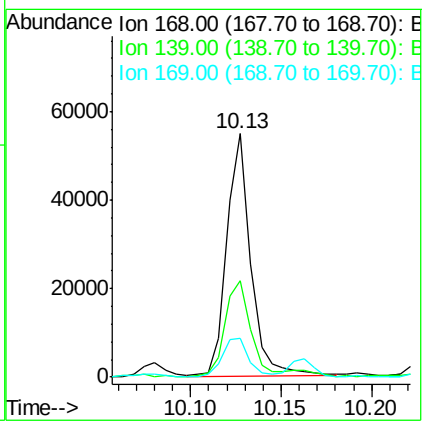


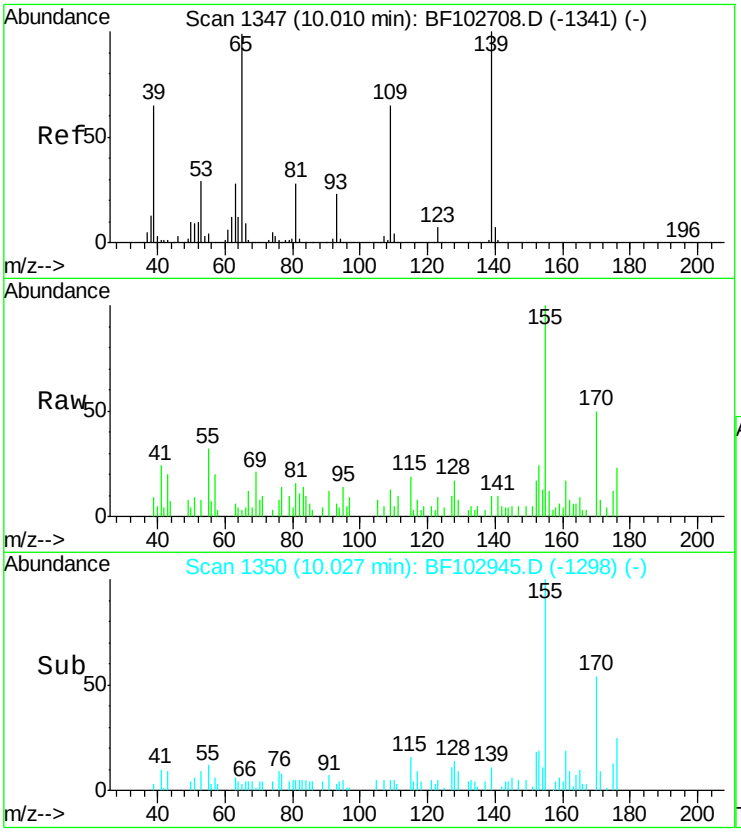


#54
Dibenzofuran
Concen: 2.06 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:168 Resp: 50466

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	15.9	10.9	16.3



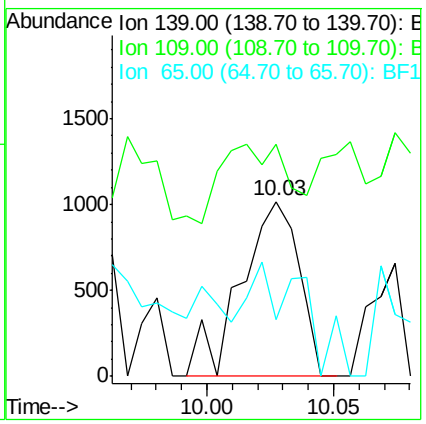


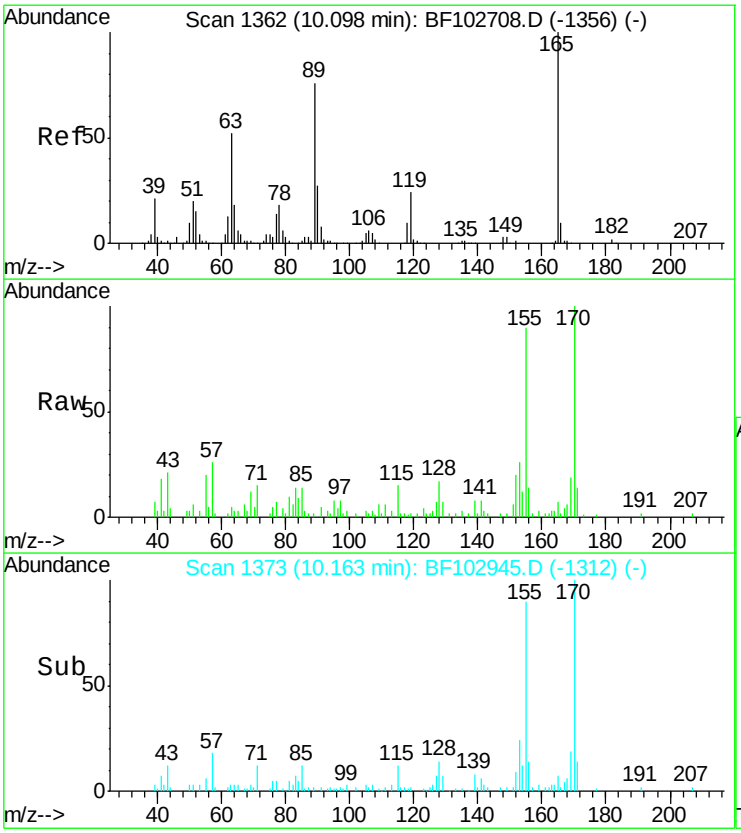
#55
4-Nitrophenol
Concen: 4.39 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1616

Ion	Ratio	Lower	Upper
139	100		
109	133.0	48.4	88.4#
65	32.3	72.6	112.6#

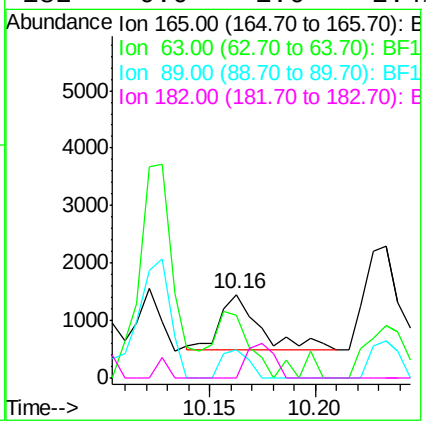


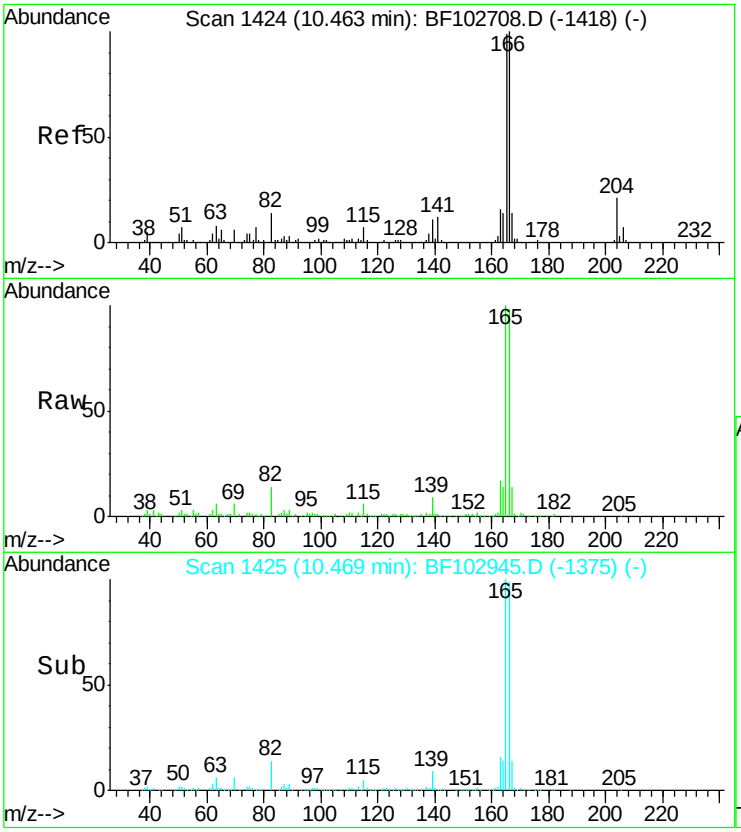


#56
2,4-Dinitrotoluene
Concen: 3.29 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.06 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:165 Resp: 1273

Ion	Ratio	Lower	Upper
165	100		
63	74.8	36.4	54.6#
89	33.0	57.8	86.6#
182	0.0	1.6	2.4#



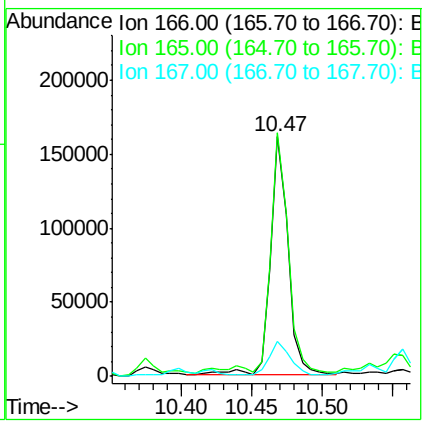


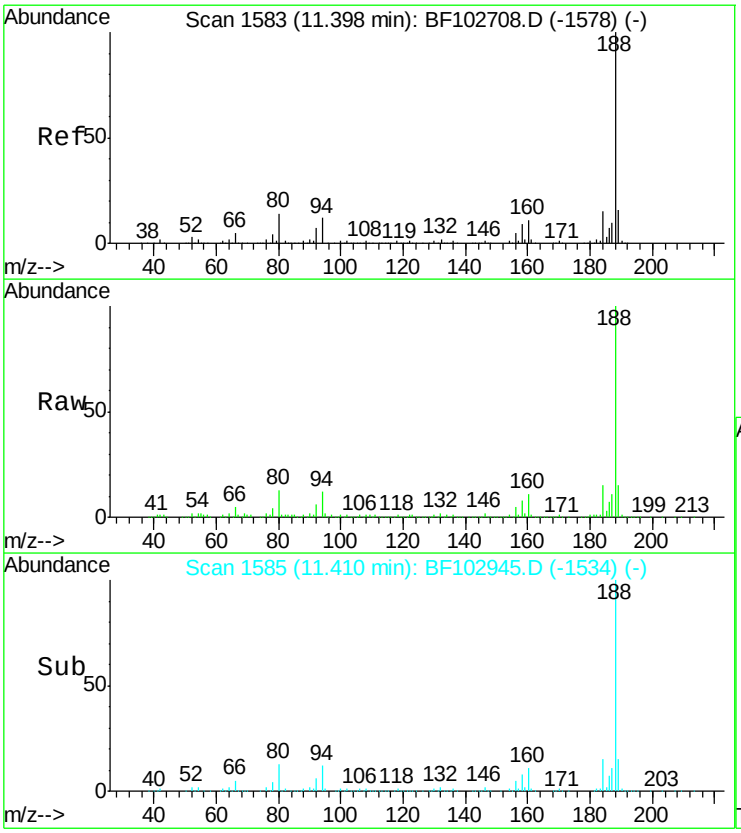
#57
Fluorene
Concen: 8.02 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 142997

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	14.6	10.6	16.0

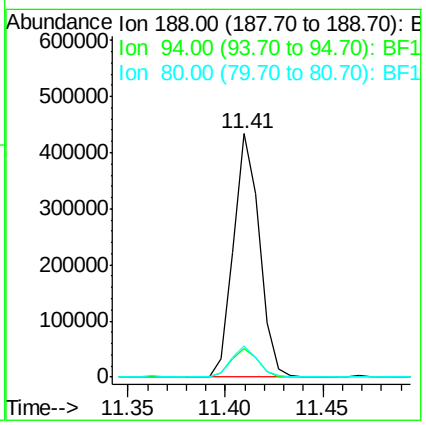


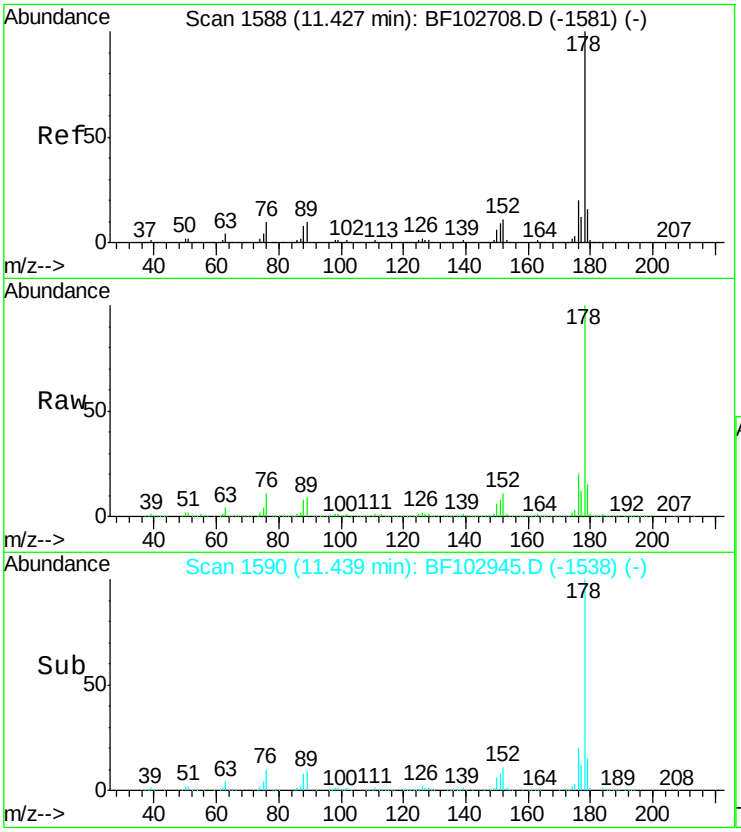


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:188 Resp: 402178

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.8	9.2	13.8



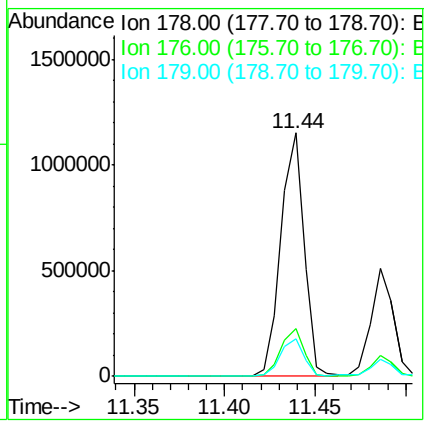


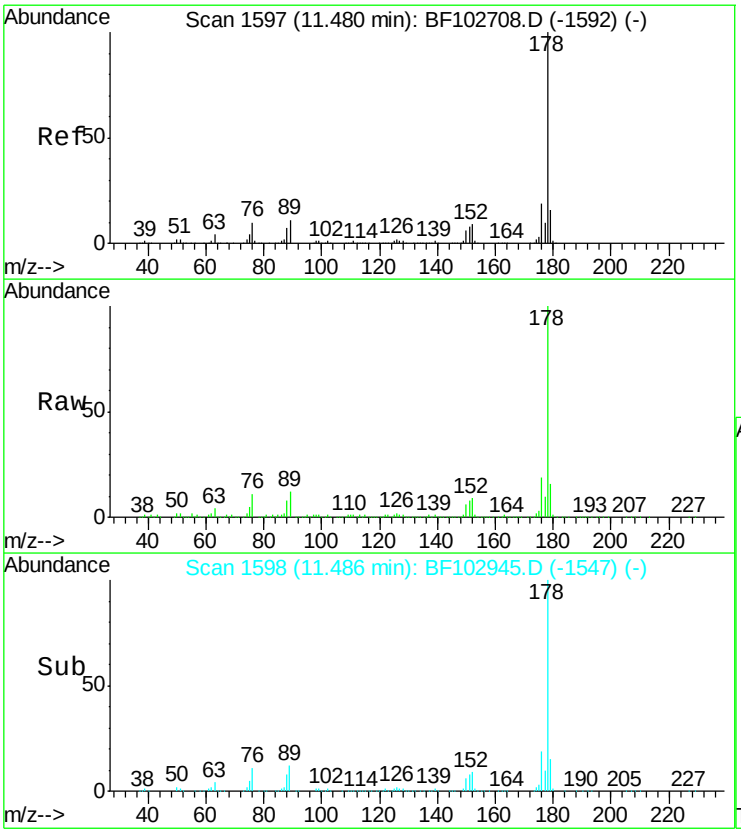
#70
Phenanthrene
Concen: 46.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1030246

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6

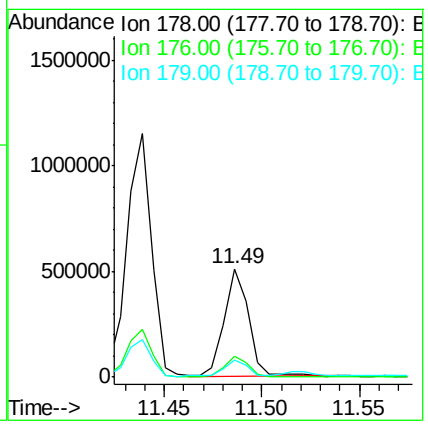


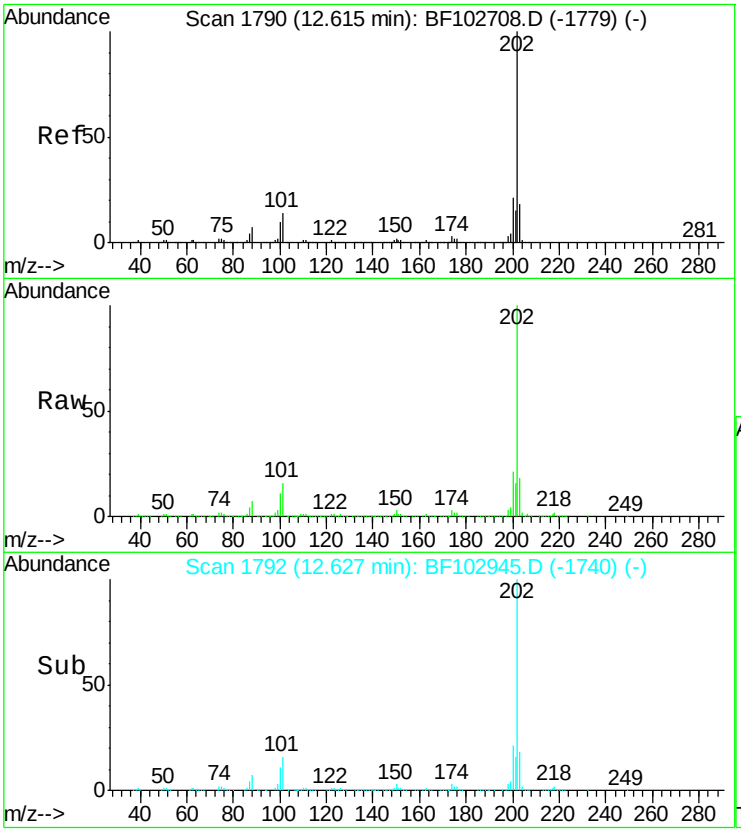


#71
Anthracene
Concen: 19.57 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:178 Resp: 445851

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



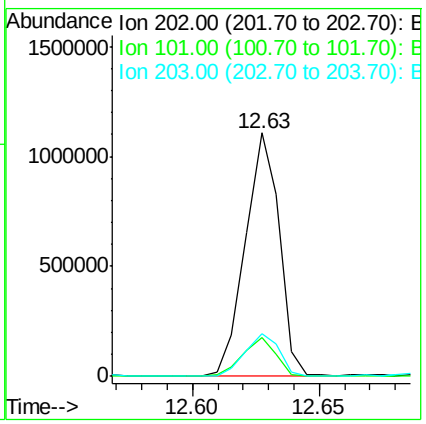


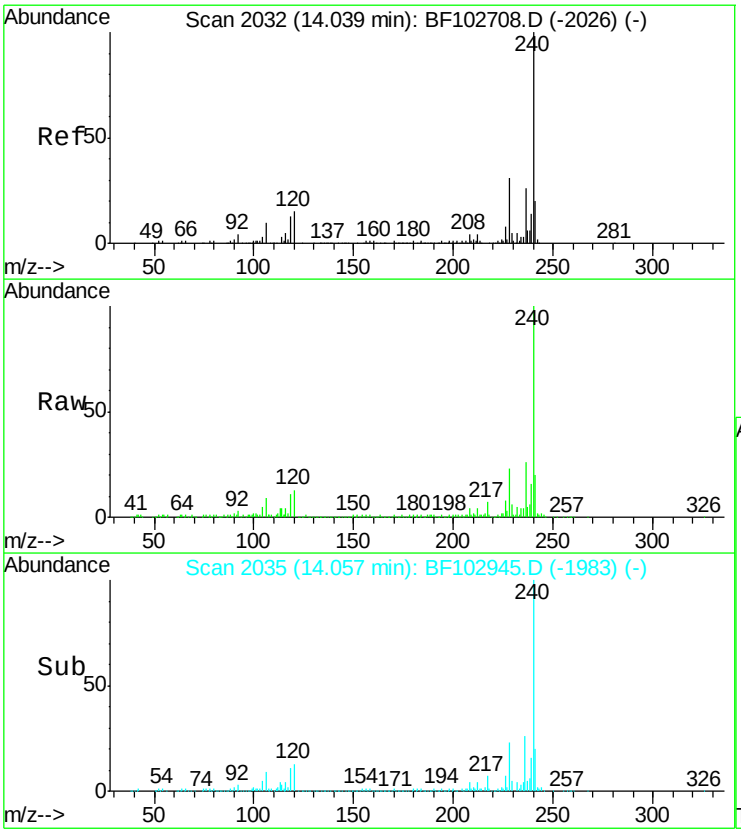
#74
Fluoranthene
Concen: 45.91 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1034648

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	17.6	0.0	38.1

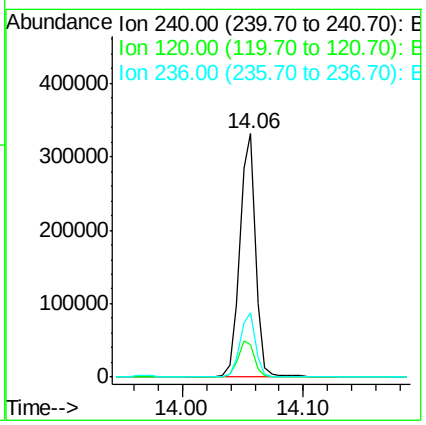


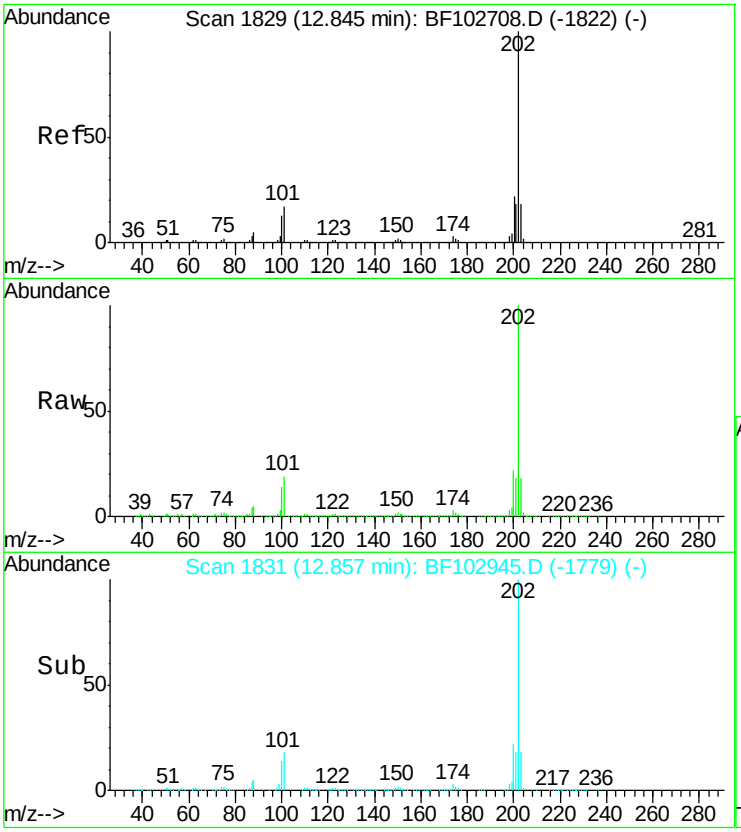


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:240 Resp: 304441

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.3	20.7	31.1



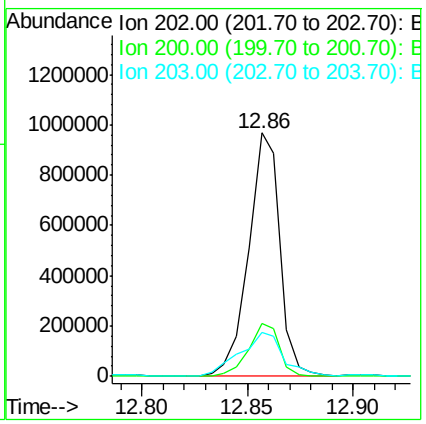


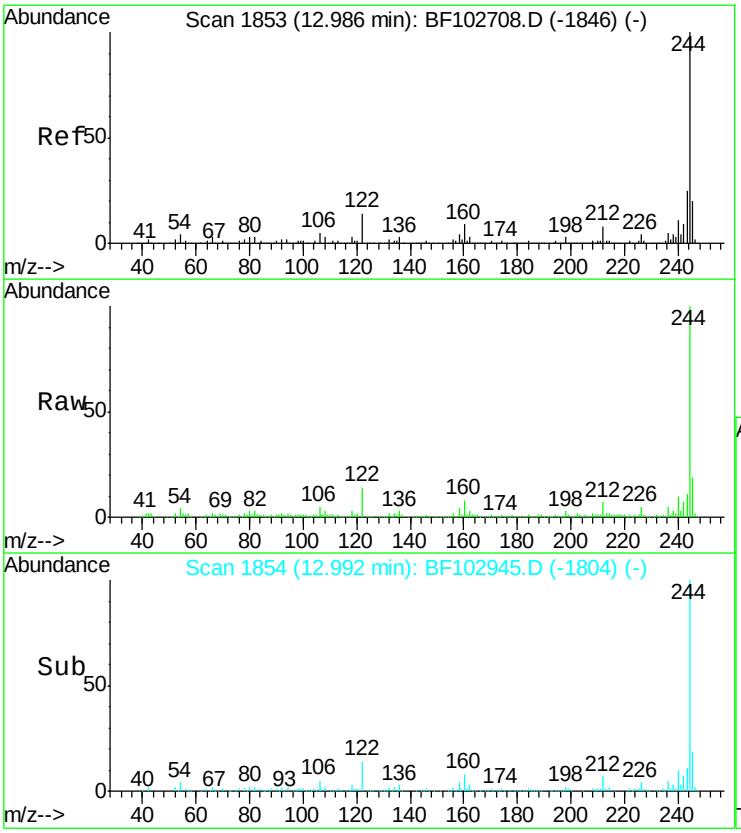
#77
Pyrene
Concen: 41.69 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 995208

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

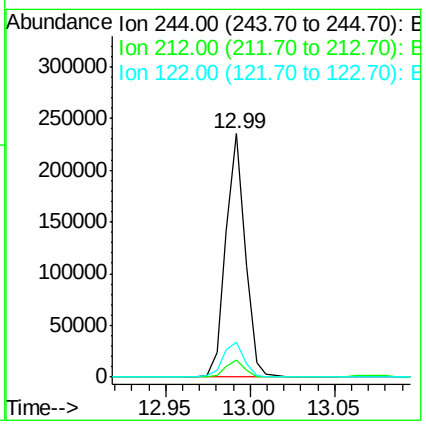


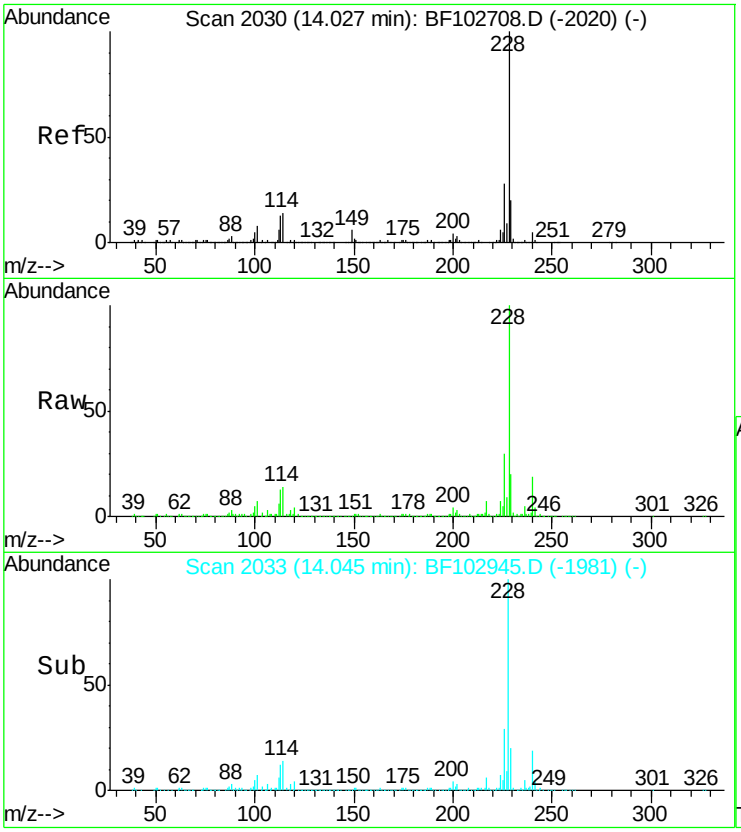


#78
Terphenyl-d14
Concen: 14.57 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:244 Resp: 187396

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.3	11.0	16.4



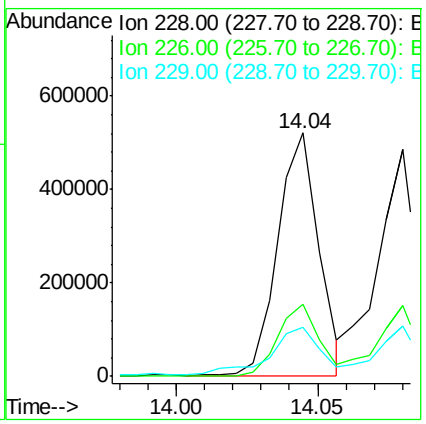


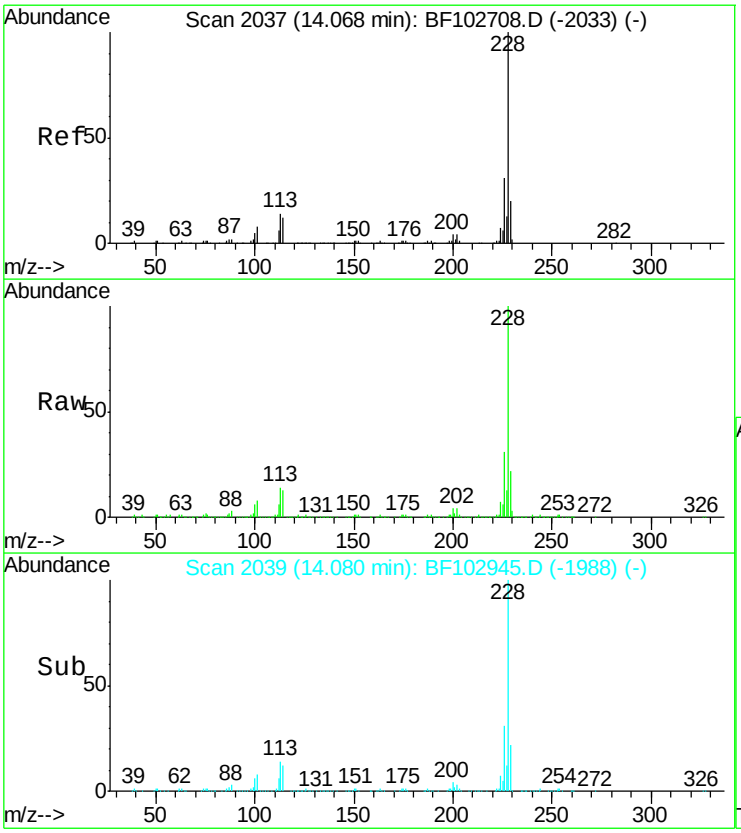
#80
Benzo(a)anthracene
Concen: 27.12 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 519303

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.3	15.8	23.6

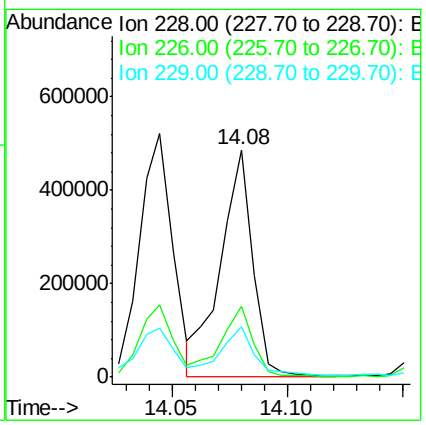


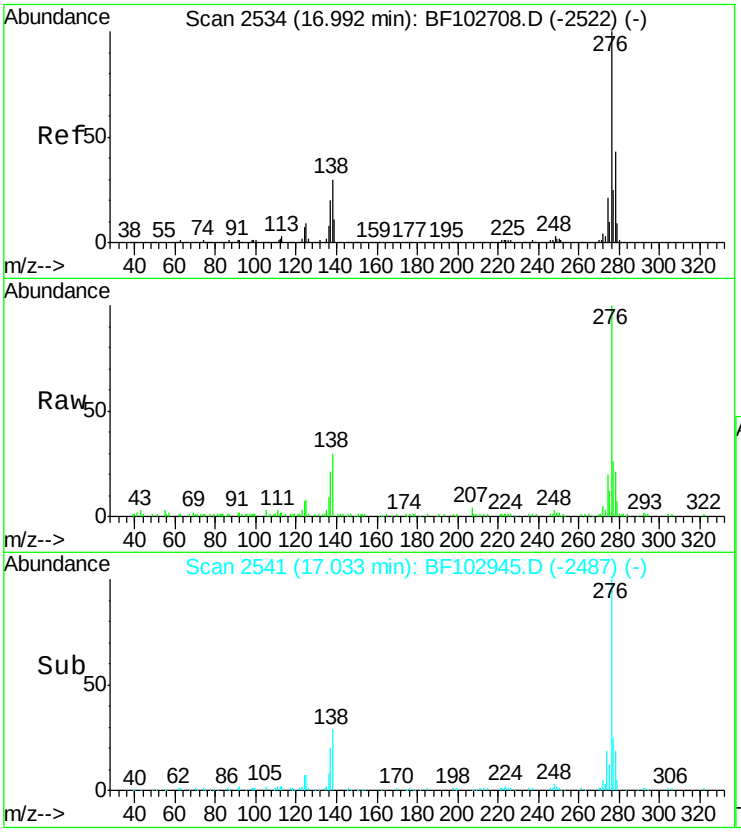


#82
Chrysene
Concen: 24.26 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:228 Resp: 468173

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.3	16.2	24.4



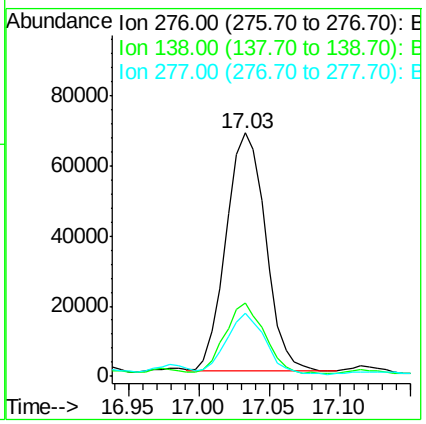


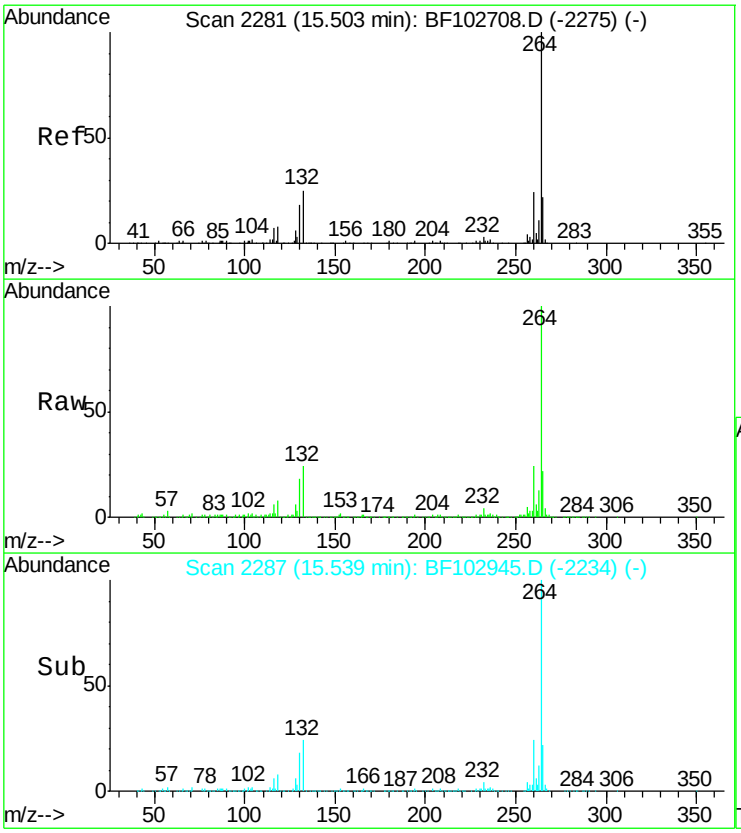
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.29 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 132670

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.7	20.1	30.1

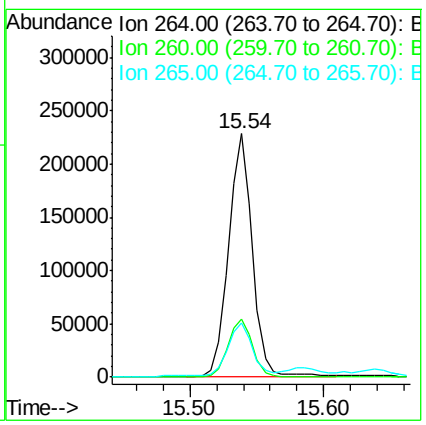


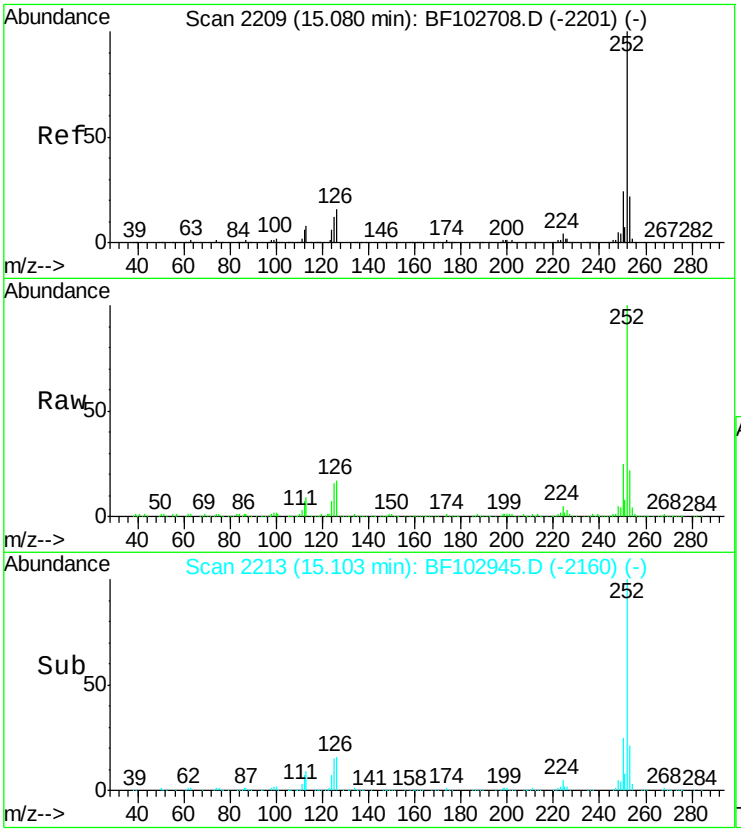


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:264 Resp: 284852

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3



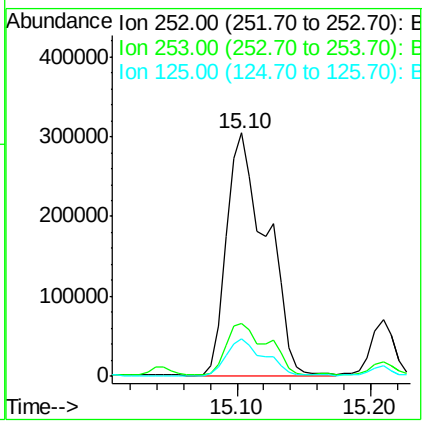


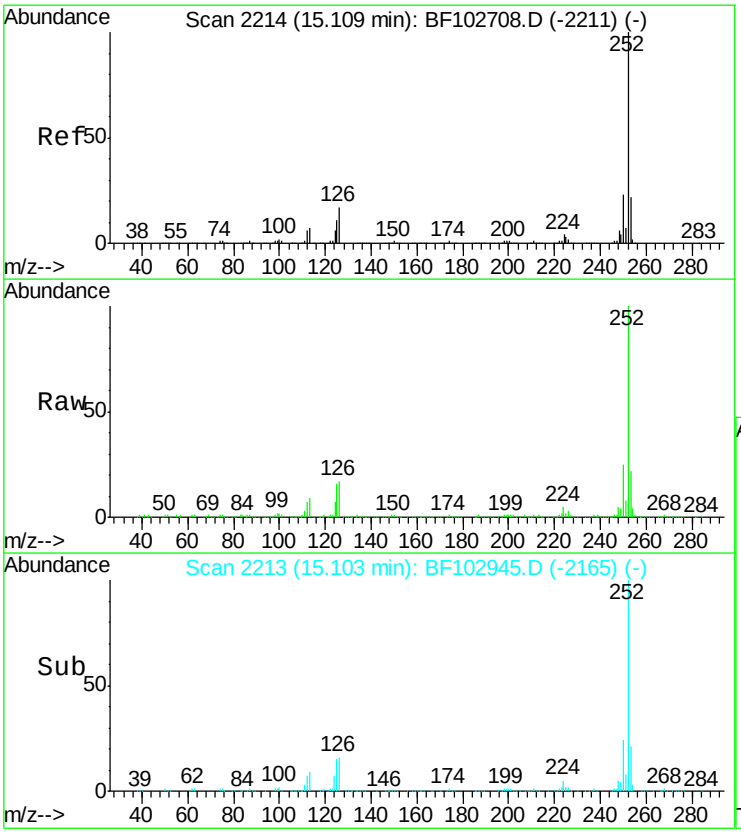
#87
Benzo(b)fluoranthene
Concen: 34.30 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 633377

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	15.7	9.0	13.6#

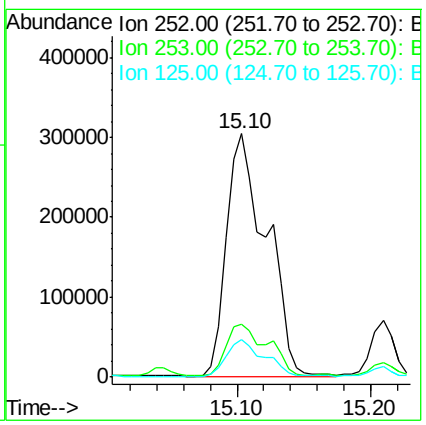


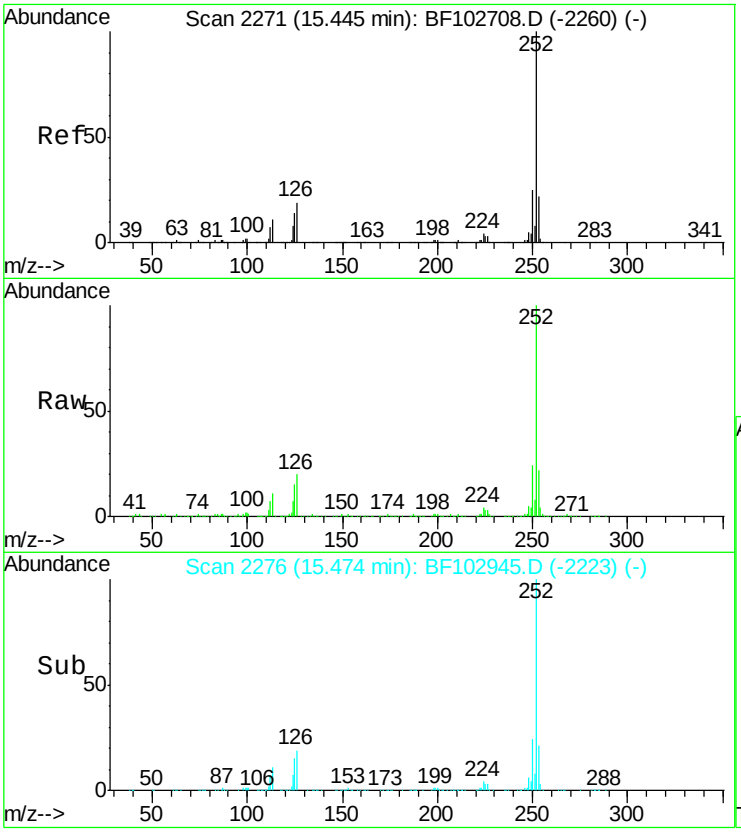


#88
Benzo(k)fluoranthene
Concen: 35.89 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:252 Resp: 633377

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.7	10.2	15.2#



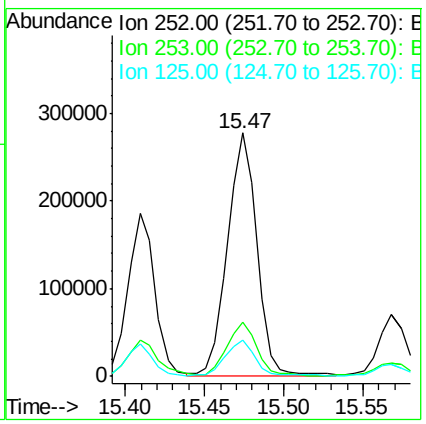


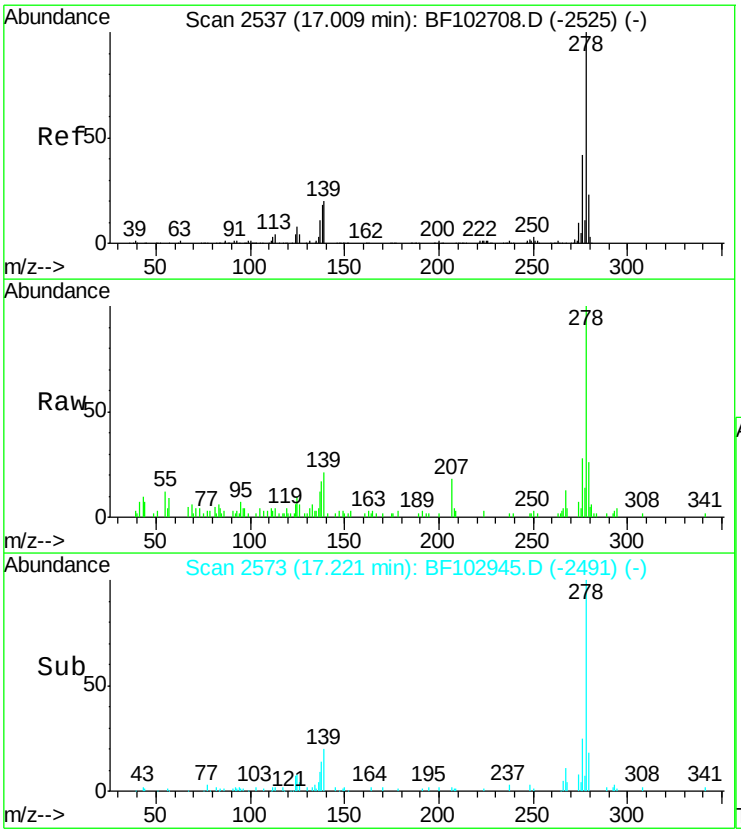
#89
Benzo(a)pyrene
Concen: 21.26 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 353361

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.1	9.8	14.6#

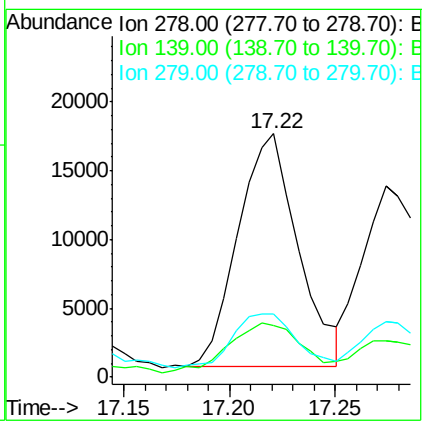


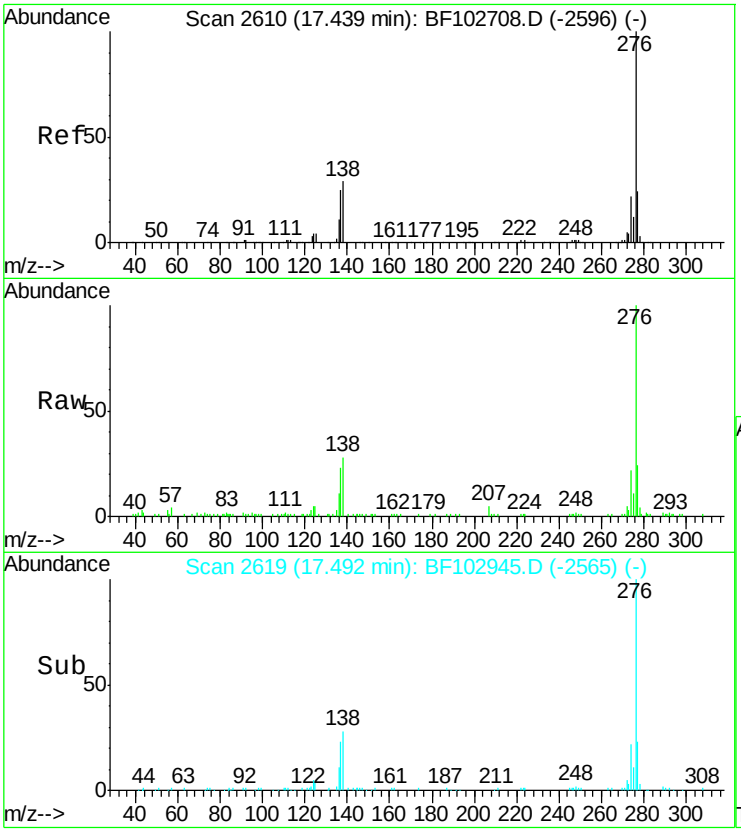


#90
Dibenzo(a,h)anthracene
Concen: 2.48 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.18 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Tgt Ion:278 Resp: 33448

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	26.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.41 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.02 min
Lab File: BF102945.D
Acq: 13 Feb 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 124241

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.3	21.8	32.8