Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100991.D
Acq On : 29 Nov 2017 21:11
Operator : SJ/JU
Sample : I6610-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 23:44:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	63207	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	236562	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	95186	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	158210	20.00	ng		0.00
75) Chrysene-d12	14.03	240	129357	20.00	ng		0.00
86) Perylene-d12	15.50	264	99497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	381952	96.87	ng		0.00
7) Phenol-d6	6.49	99	461897	94.99	ng		0.00
23) Nitrobenzene-d5	7.42	82	274961	76.84	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	97200	100.21	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	482137	77.13	ng		0.00
78) Terphenyl-d14	12.96	244	371427	65.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	16199	3.174	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	36064	10.695	ng	#	78
25) Isophorone	7.42	82	274956	36.567	ng	#	64
32) Benzoic acid	7.93	122	116	9.407	ng	#	1
47) 2-Nitroaniline	9.60	65	424	3.010	ng	#	1
48) Acenaphthylene	9.75	152	26581	2.686	ng		96
49) Dimethylphthalate	9.60	163	55590	7.649	ng	#	98
51) Acenaphthene	9.92	154	26912	4.471	ng		98
55) 4-Nitrophenol	10.09	139	5997	4.348	ng	#	9
57) Fluorene	10.44	166	31400	5.080	ng		98
64) 4,6-Dinitro-2-methylphenol	10.68	198	113	8.686	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	6588	3.884	ng	#	1
70) Phenanthrene	11.41	178	440783	52.915	ng		98
71) Anthracene	11.46	178	113316	13.408	ng		98
72) Carbazole	11.61	167	33545	4.302	ng		97
74) Fluoranthene	12.60	202	704844	79.840	ng		95
77) Pyrene	12.83	202	635534	68.922	ng		100
80) Benzo(a)anthracene	14.02	228	337048	43.268	ng		98
82) Chrysene	14.06	228	294255	39.008	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	527374	106.628	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	113398	18.585	ng	#	89
87) Benzo(b)fluoranthene	15.07	252	397168	67.378	ng		96
88) Benzo(k)fluoranthene	15.07	252	397168	71.310	ng		96
89) Benzo(a)pyrene	15.44	252	200418	38.351	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	11537	2.700	ng		94
91) Benzo(g,h,i)perylene	17.43	276	107545	25.707	ng	#	92

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

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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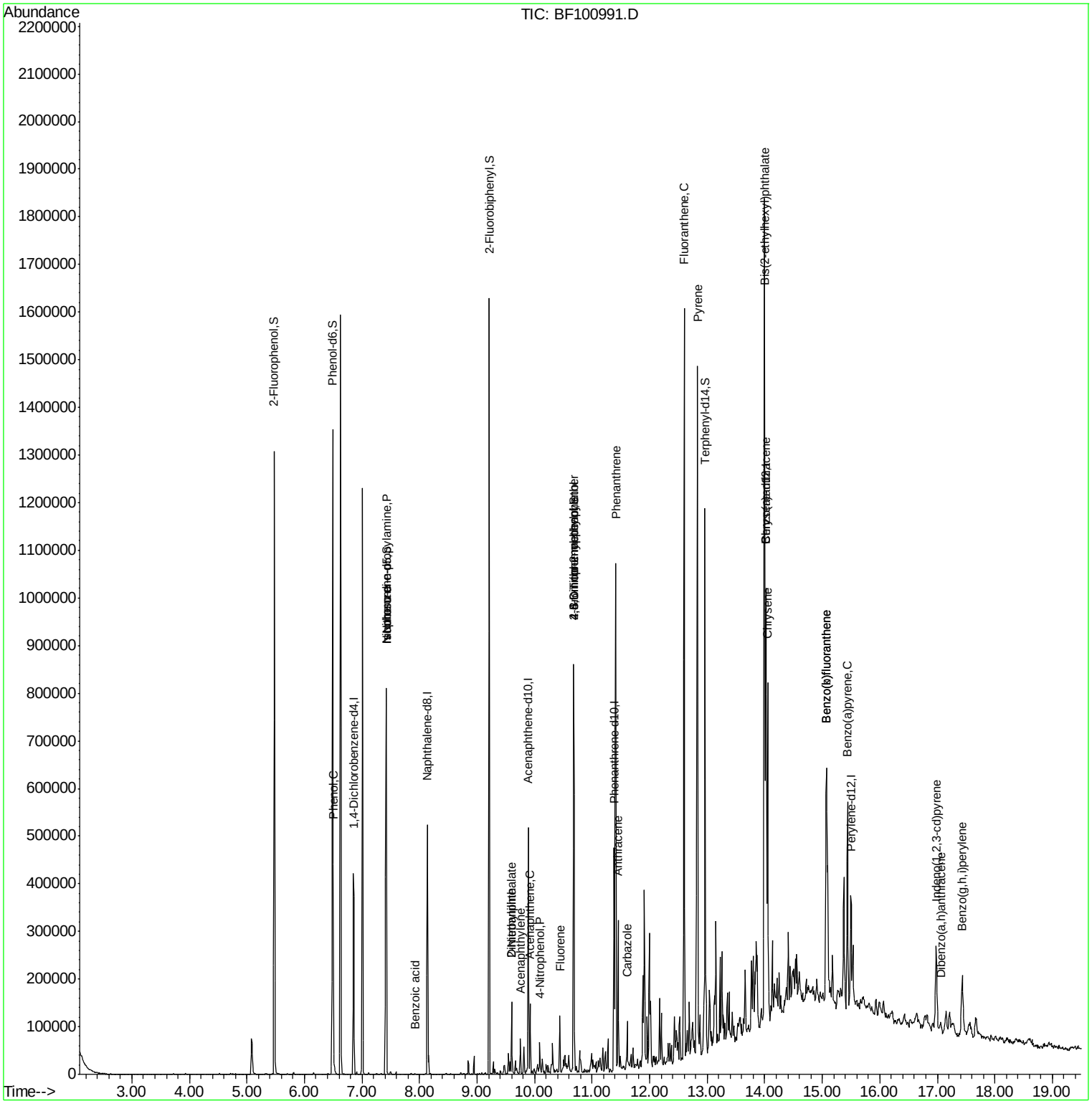
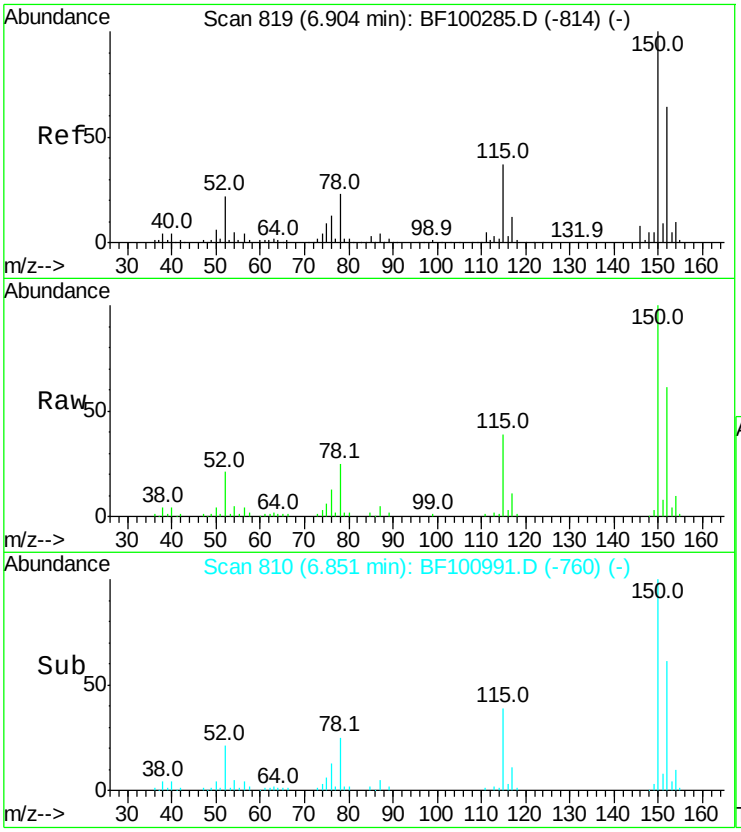


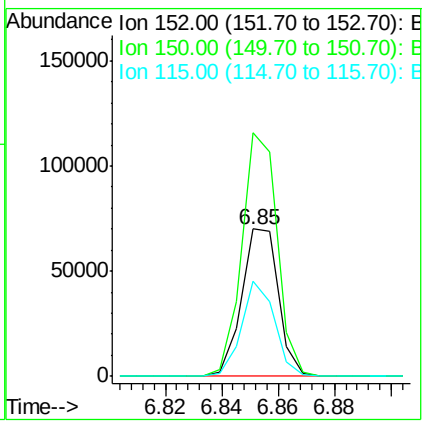


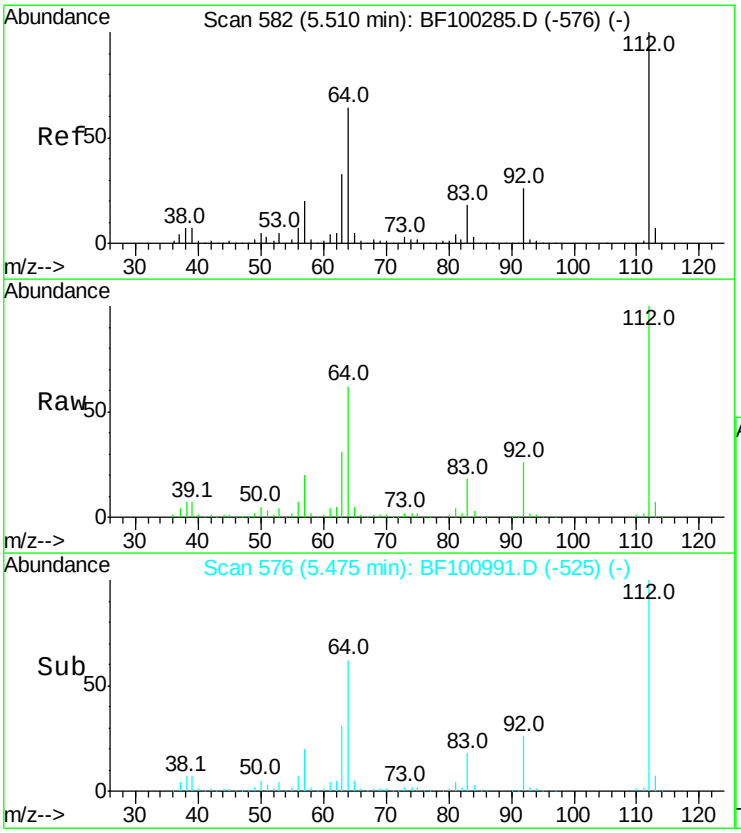
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63207

Ion	Ratio	Lower	Upper
152	100		
150	165.2	124.6	186.8
115	64.3	50.1	75.1

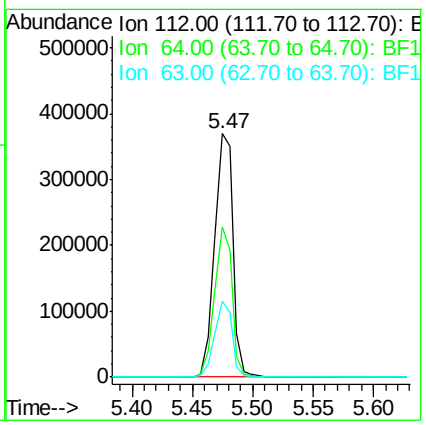


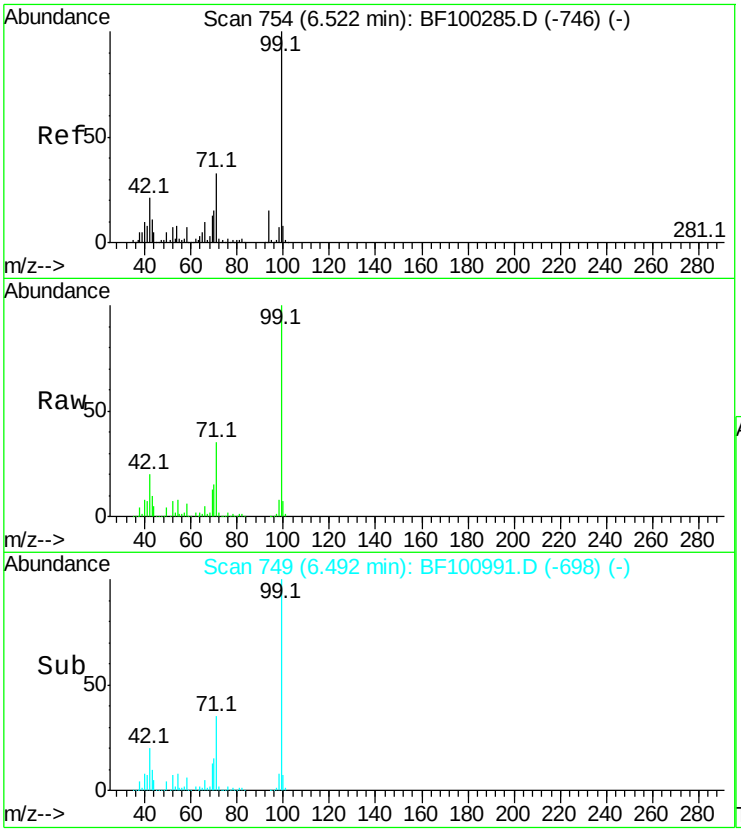


#5
2-Fluorophenol
Concen: 96.867 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:112 Resp: 381952

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	31.3	23.7	35.5



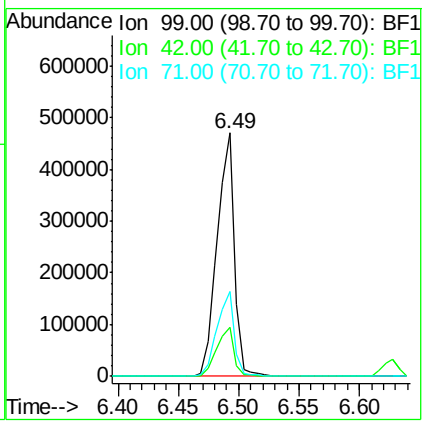


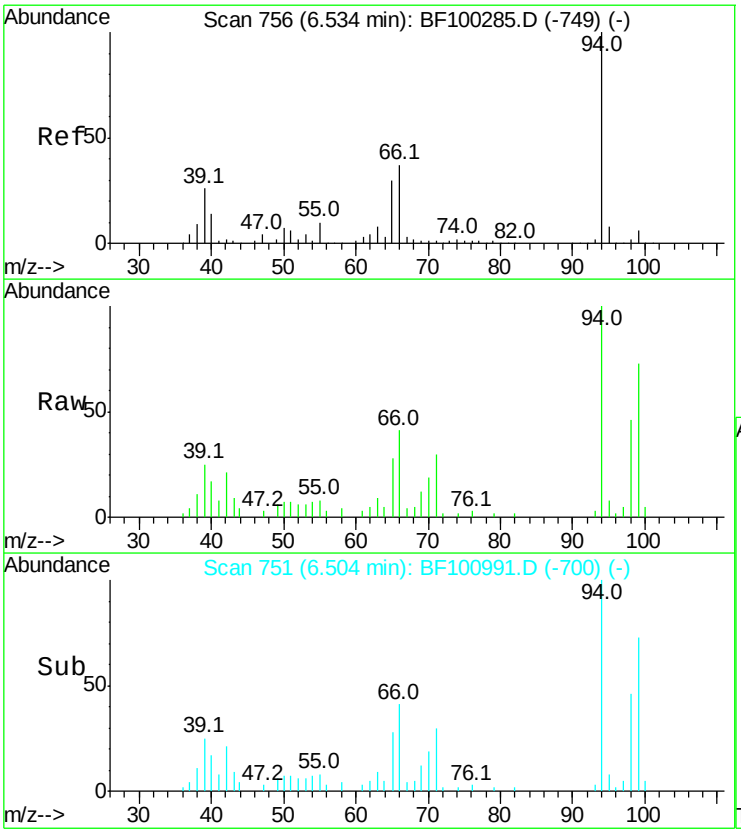
#7
Phenol-d6
Concen: 94.995 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 461897

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	34.7	25.4	38.0

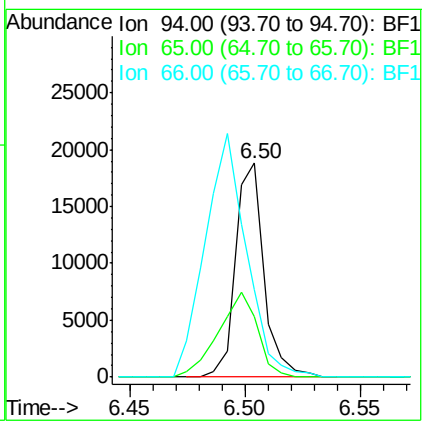


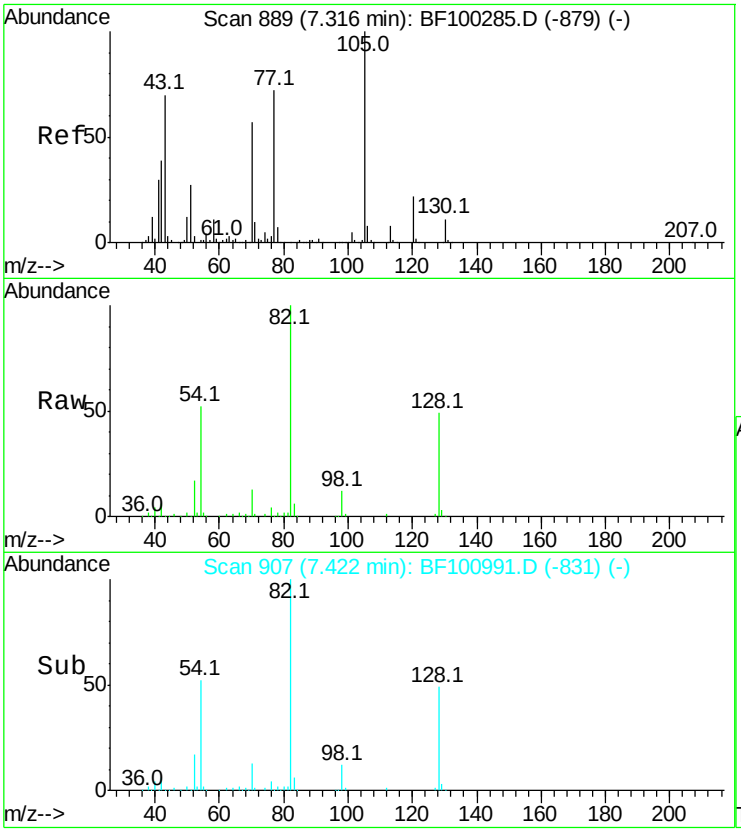


#10
Phenol
Concen: 3.174 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion: 94 Resp: 16199

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	41.2	16.2	56.2



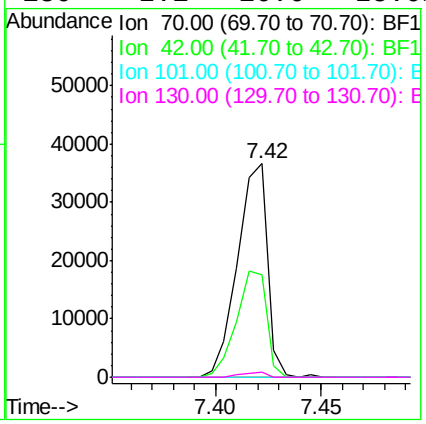


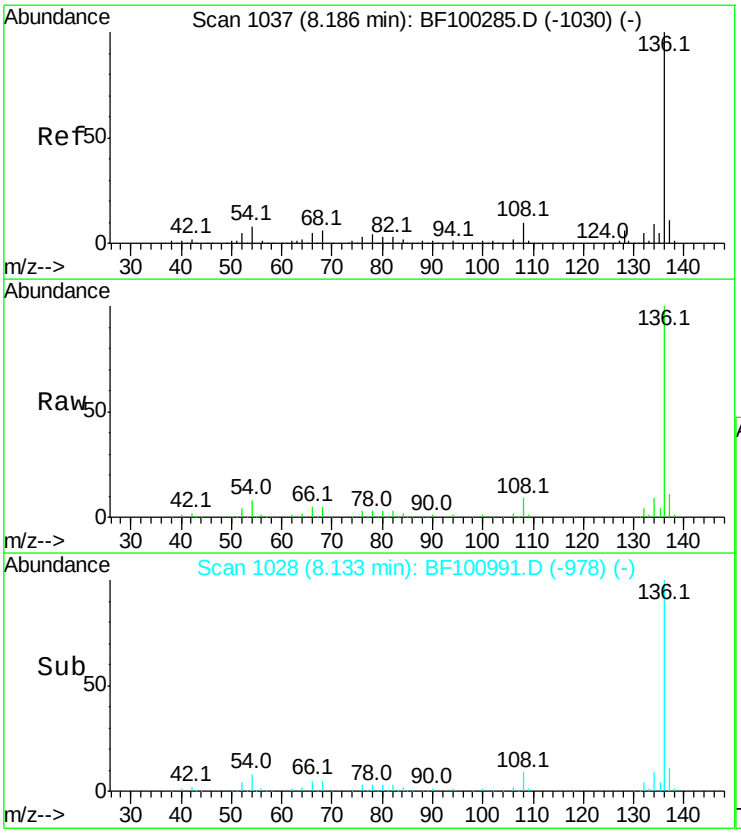
#19
n-Nitroso-di-n-propylamine
Concen: 10.695 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 36064

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

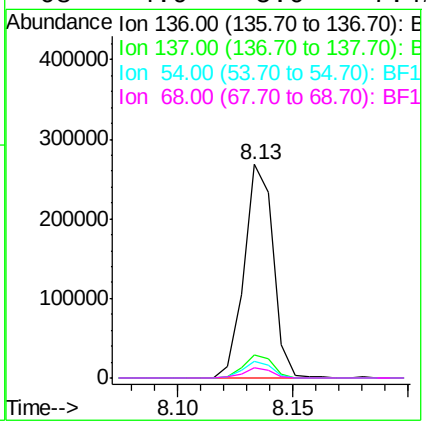


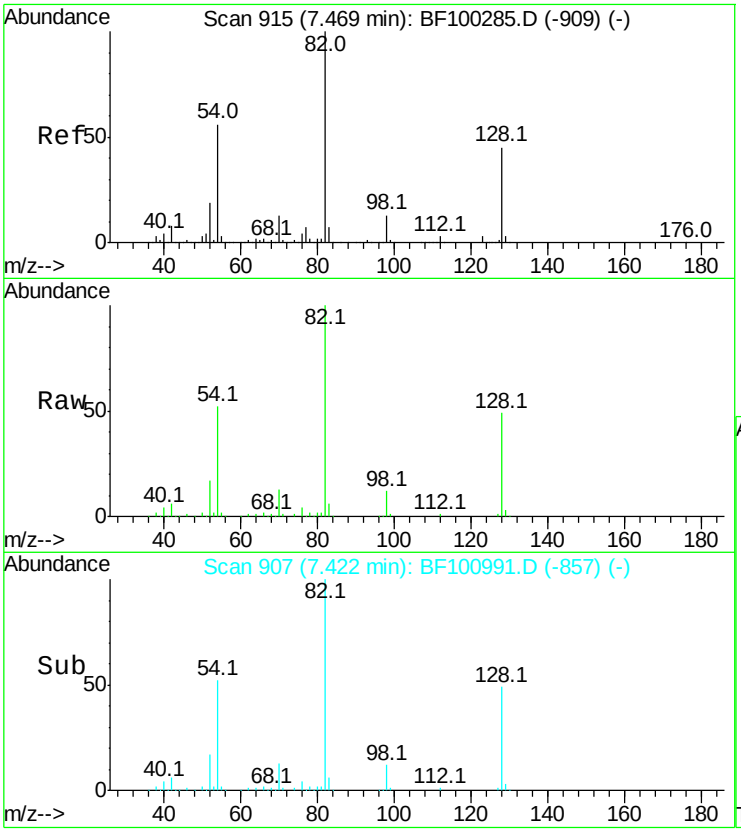


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:136 Resp: 236562

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	4.9	5.0	7.4#



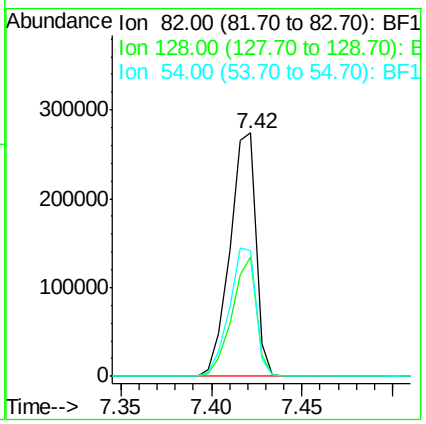


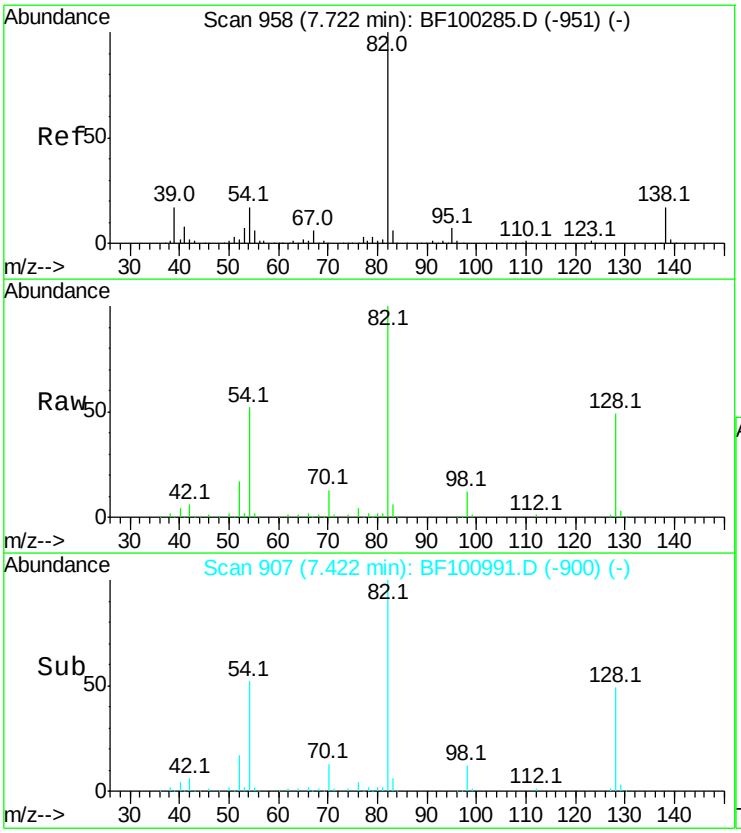
#23
Nitrobenzene-d5
Concen: 76.845 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 274961

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	51.7	41.4	62.2

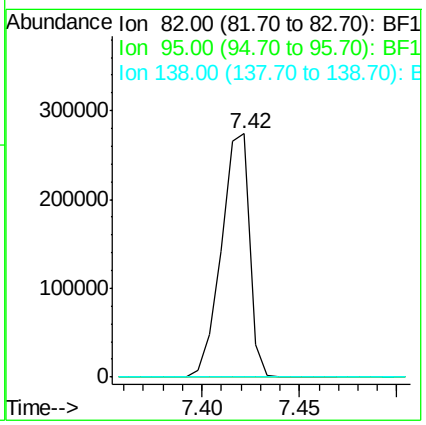


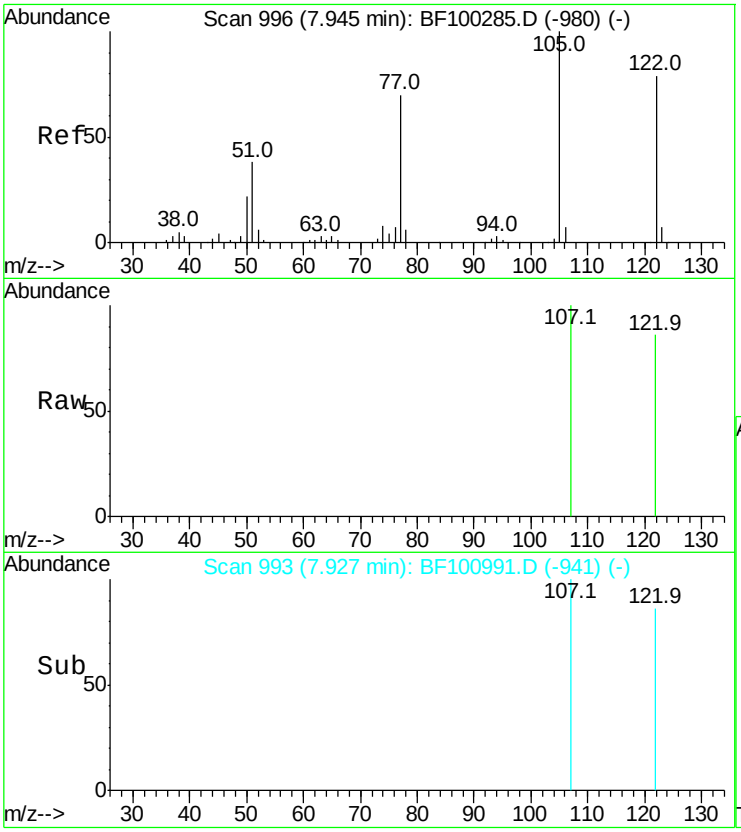


#25
Isophorone
Concen: 36.567 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion: 82 Resp: 274956

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



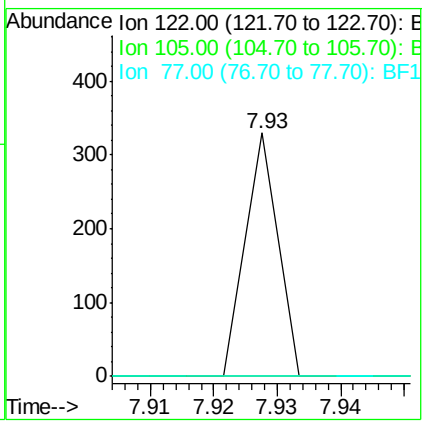


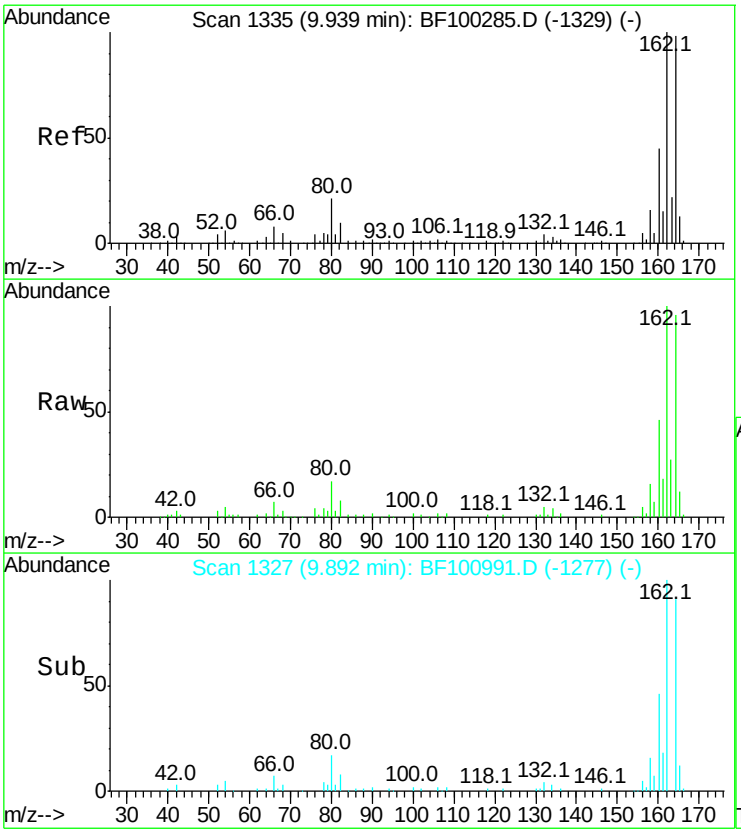
#32
Benzoic acid
Concen: 9.407 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 116

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

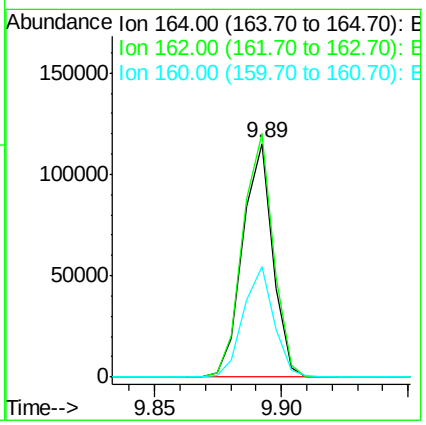


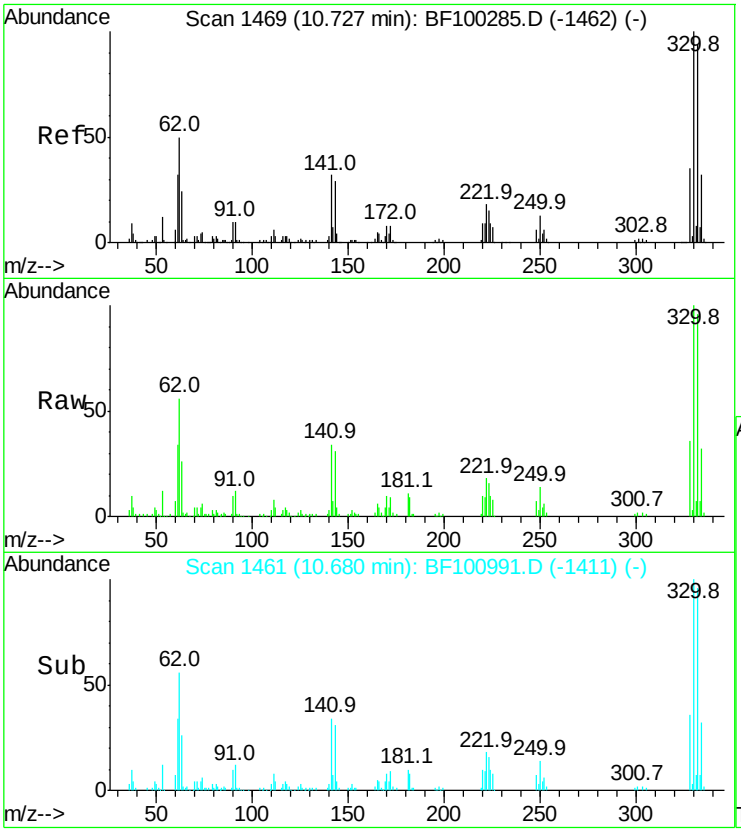


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:164 Resp: 95186

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.6	38.3	57.5



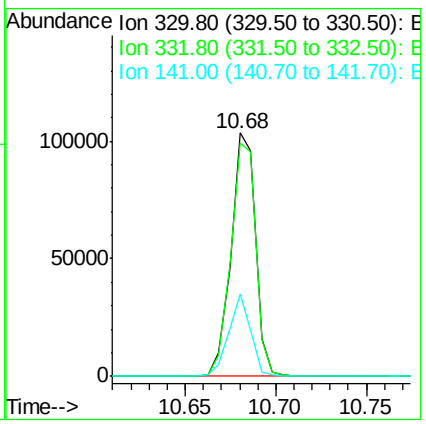


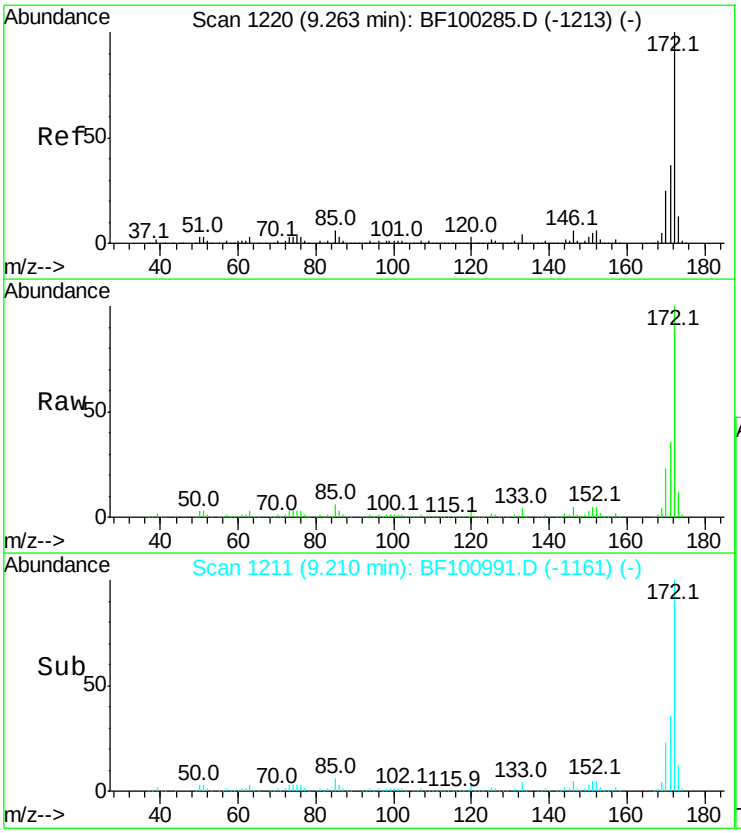
#41
2,4,6-Tribromophenol
Concen: 100.212 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 97200

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	30.3	29.9	44.9

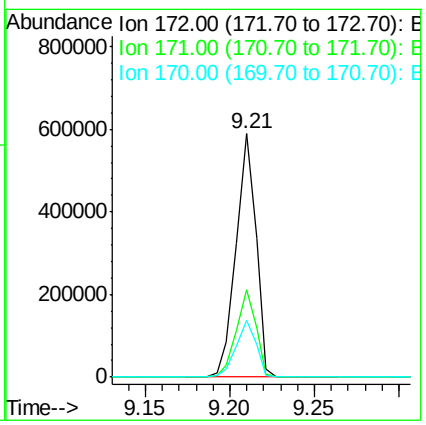


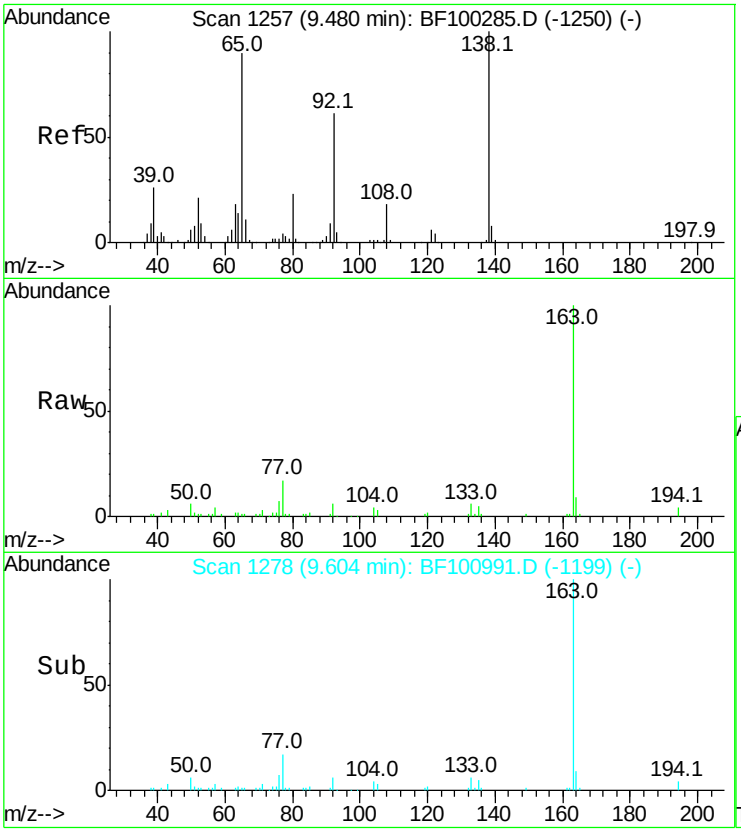


#44
2-Fluorobiphenyl
Concen: 77.129 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:172 Resp: 482137

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4



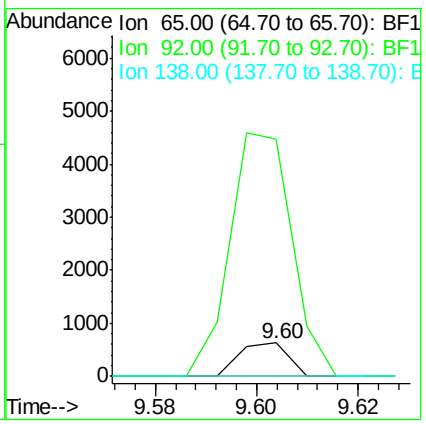


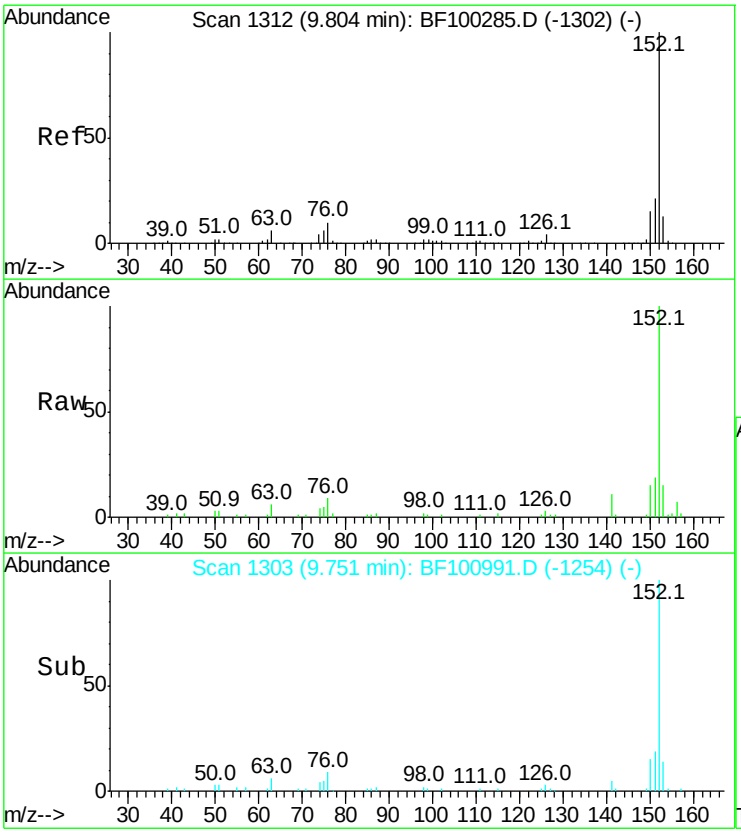
#47
2-Nitroaniline
Concen: 3.010 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 424

Ion	Ratio	Lower	Upper
65	100		
92	713.1	55.8	83.6#
138	0.0	91.2	136.8#

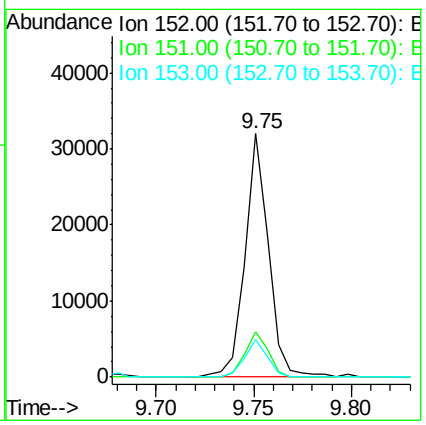


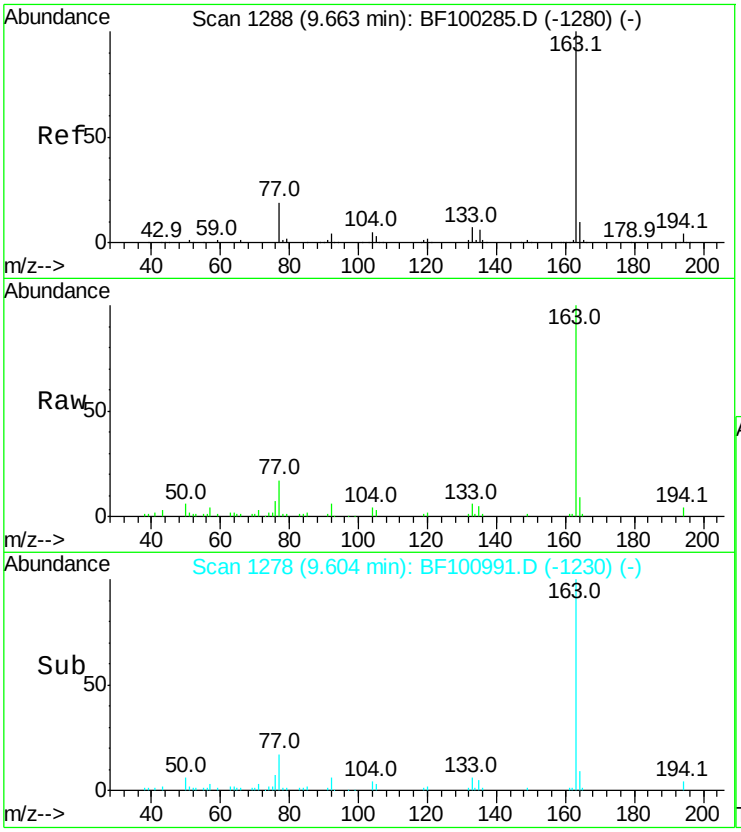


#48
Acenaphthylene
Concen: 2.686 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:152 Resp: 26581

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	15.4	10.7	16.1



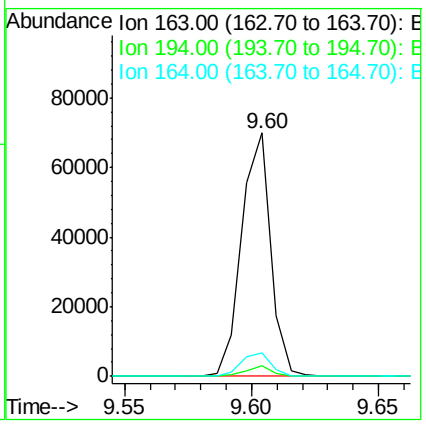


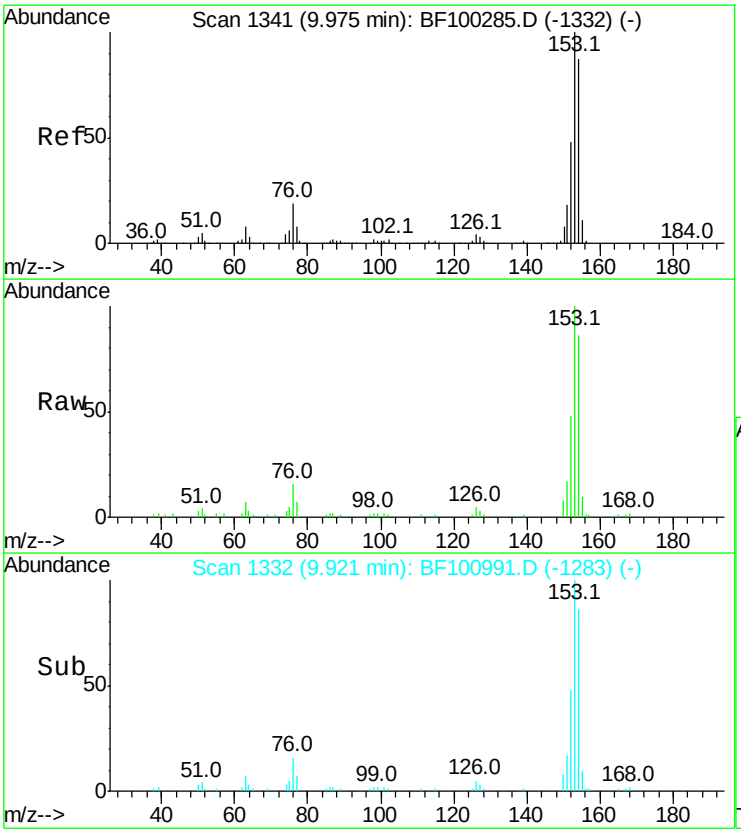
#49
Dimethylphthalate
Concen: 7.649 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 55590

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.5	8.2	12.2

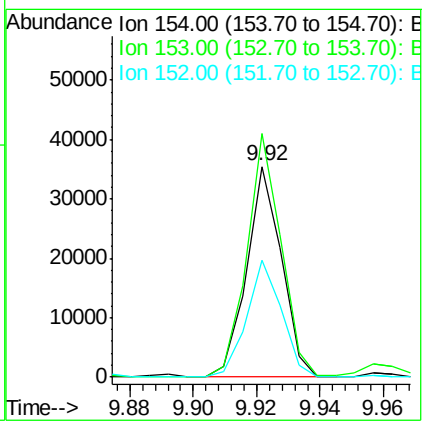


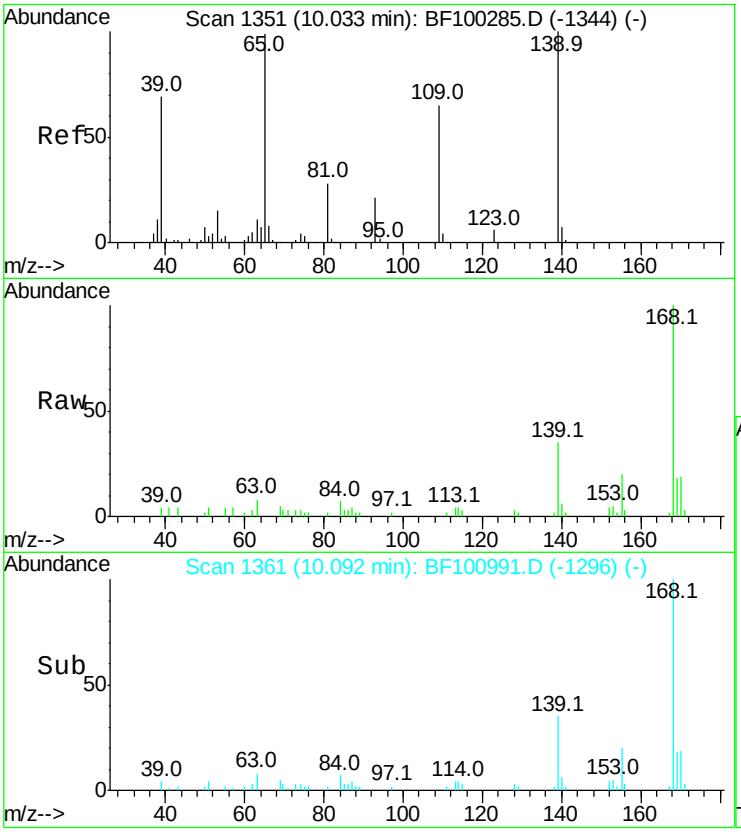


#51
Acenaphthene
Concen: 4.471 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:154 Resp: 26912

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.2	136.8
152	55.8	43.8	65.8



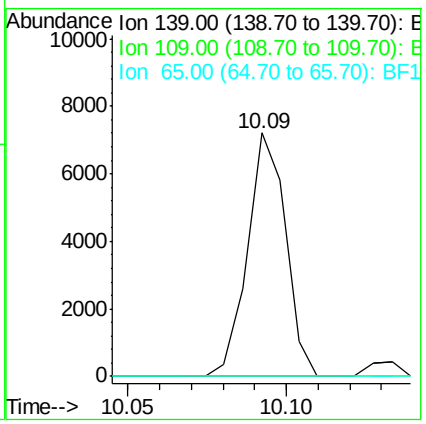


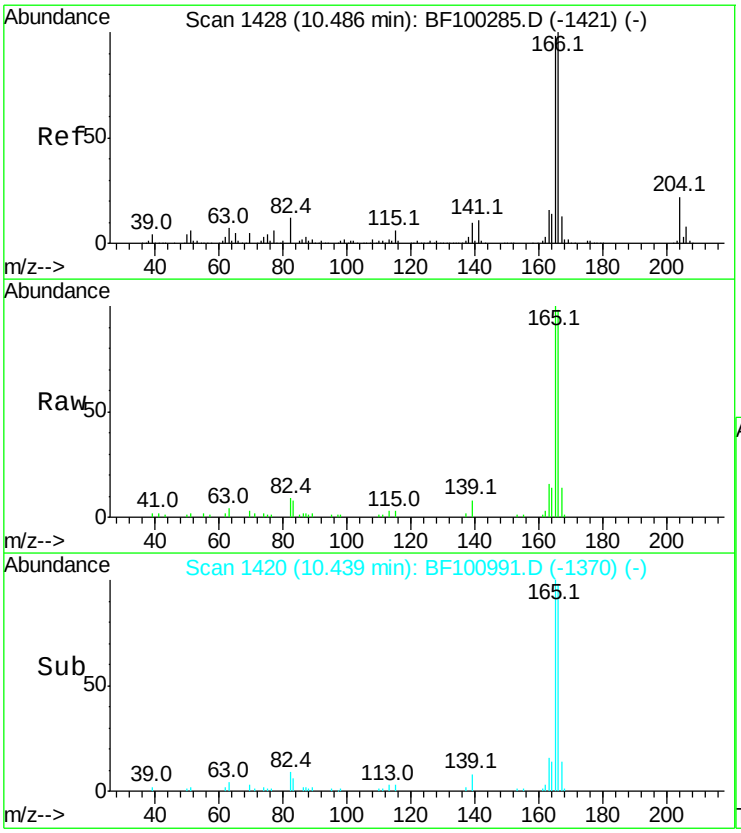
#55
4-Nitrophenol
Concen: 4.348 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5997

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

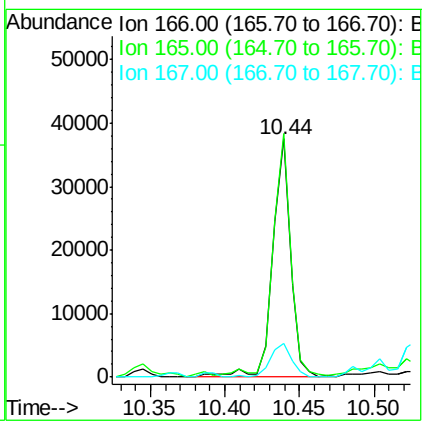


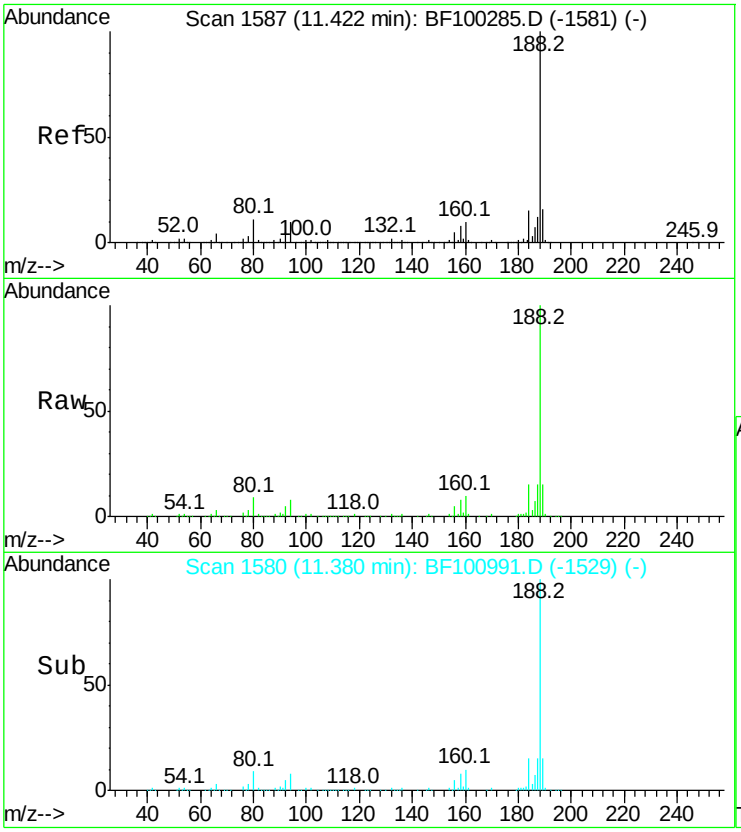


#57
Fluorene
Concen: 5.080 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:166 Resp: 31400

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.8	119.8
167	14.1	10.6	16.0



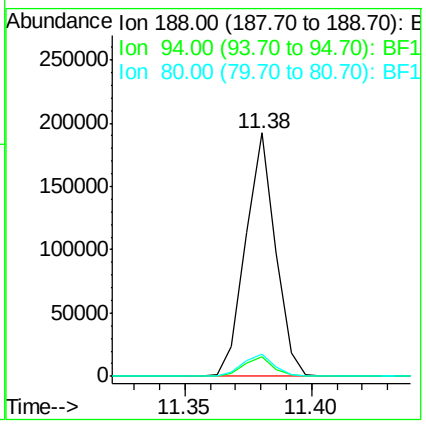


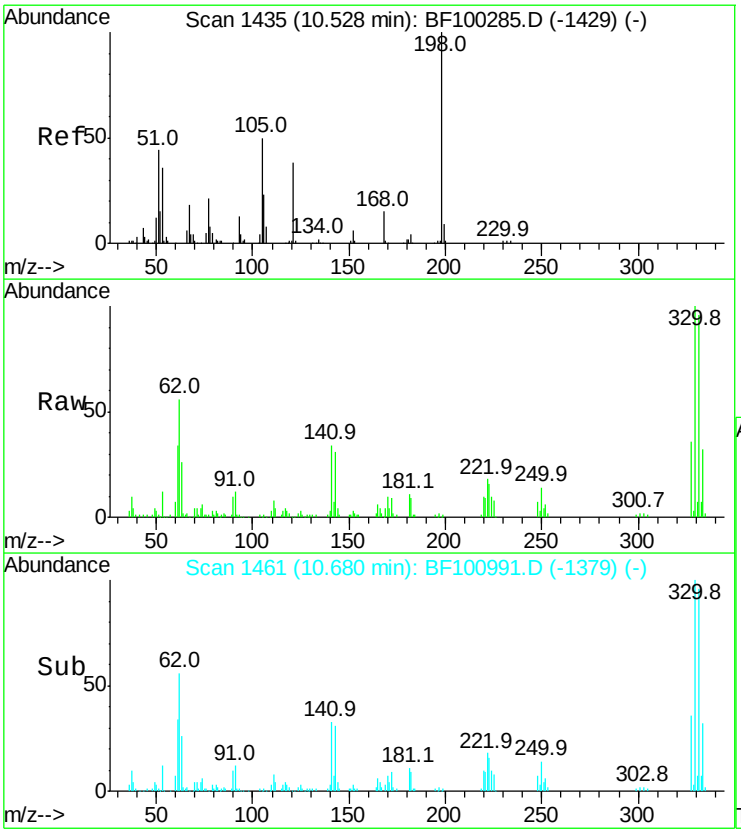
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 158210

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#

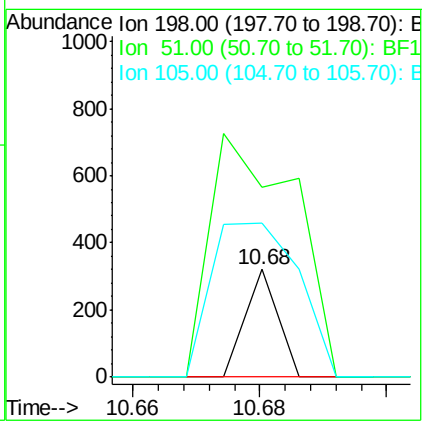


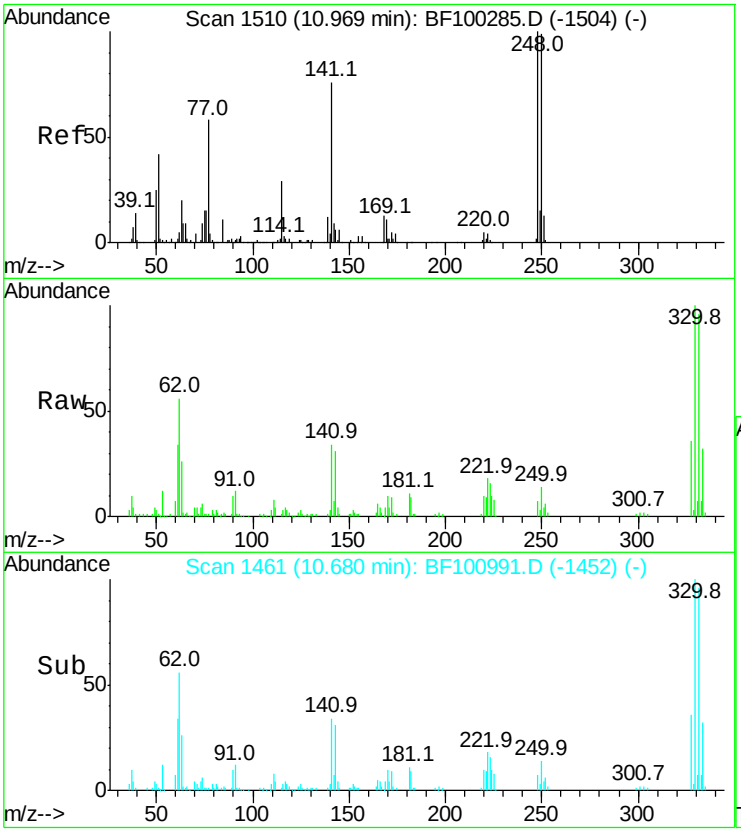


#64
4,6-Dinitro-2-methylphenol
Concen: 8.686 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	176.3	37.7	77.7#
105	142.7	36.3	76.3#



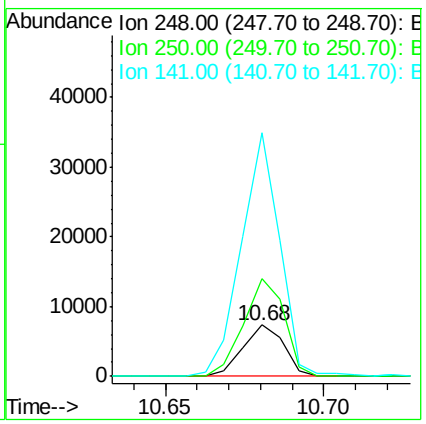


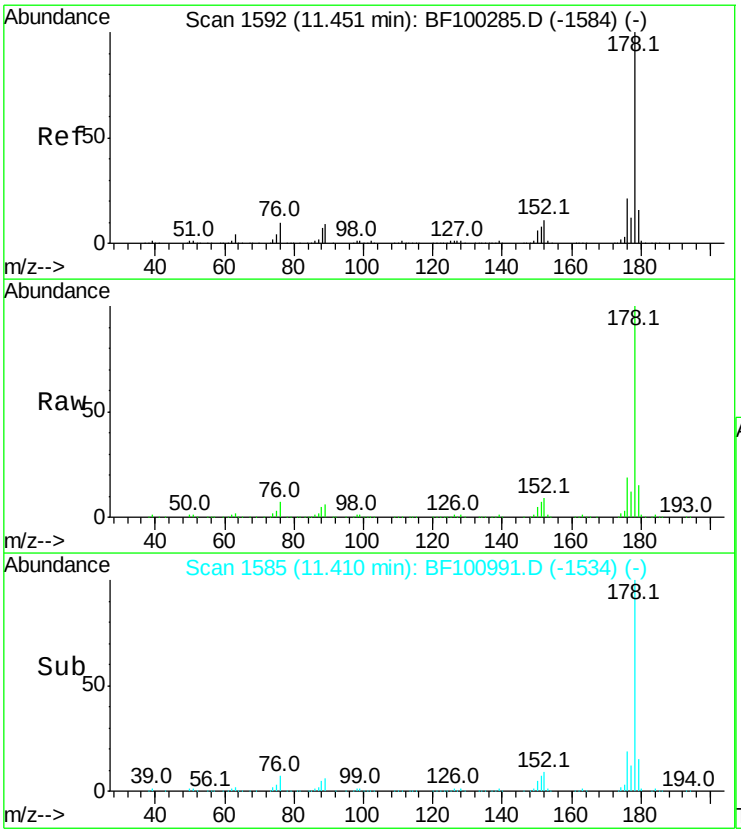
#66
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6588

Ion	Ratio	Lower	Upper
248	100		
250	192.0	76.9	115.3#
141	475.7	74.4	111.6#

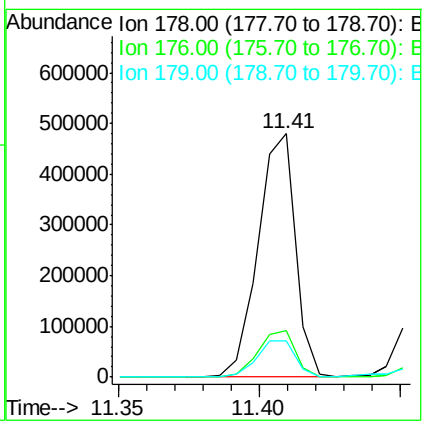


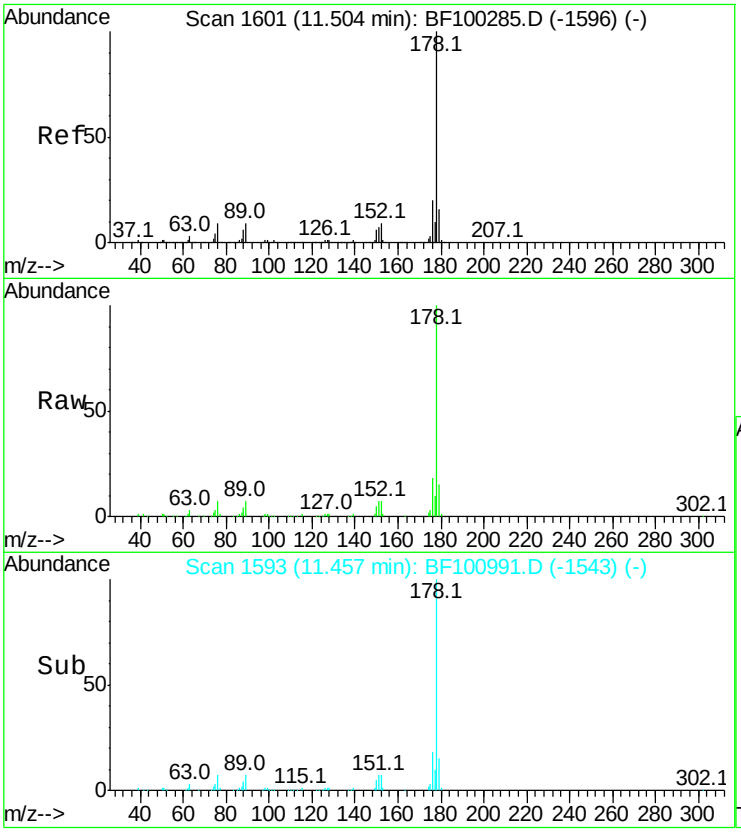


#70
Phenanthrene
Concen: 52.915 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:178 Resp: 440783

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6



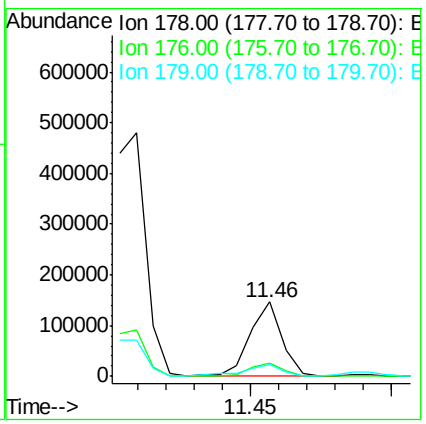


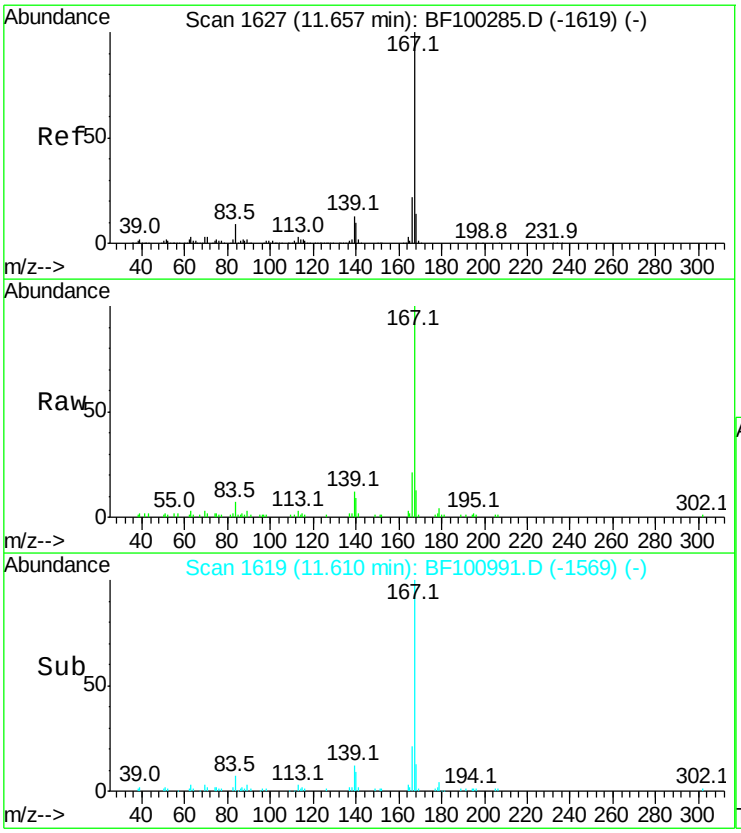
#71
Anthracene
Concen: 13.408 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 113316

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	19.0

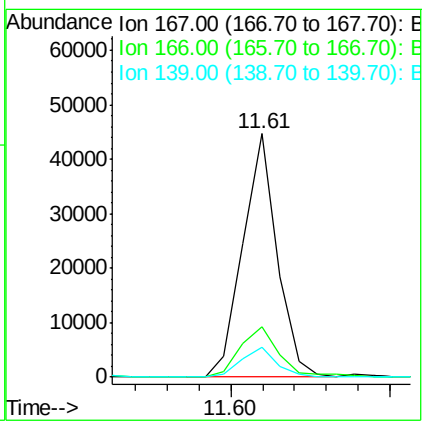


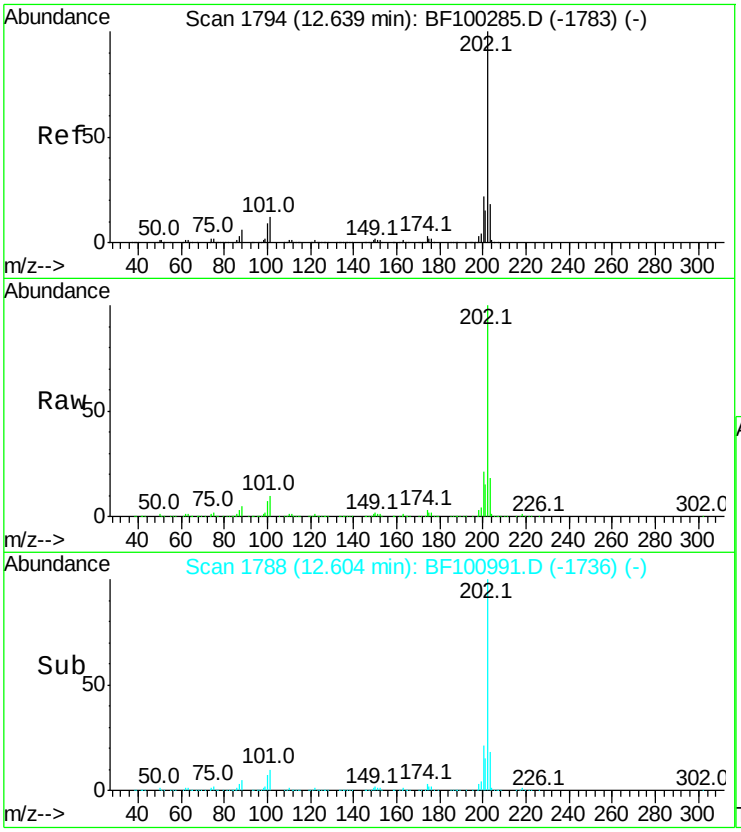


#72
Carbazole
Concen: 4.302 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:167 Resp: 33545

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	12.4	10.9	16.3



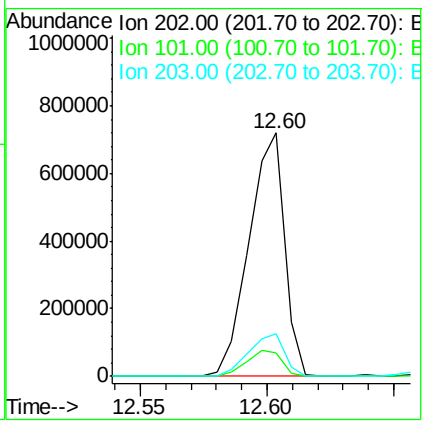


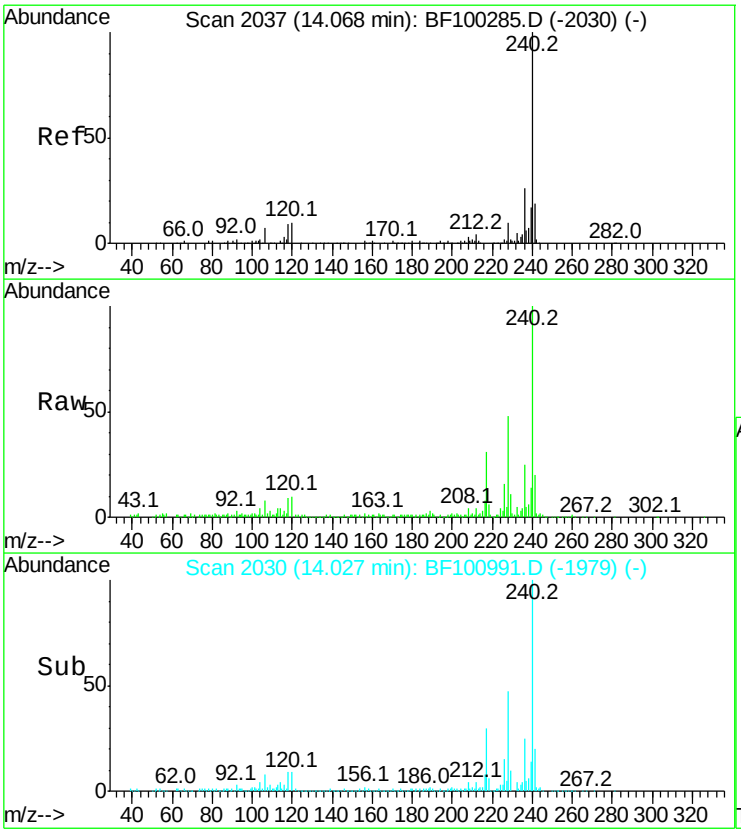
#74
Fluoranthene
Concen: 79.840 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 704844

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.6	0.0	38.1

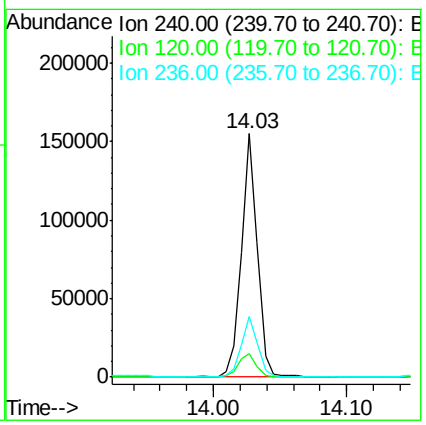


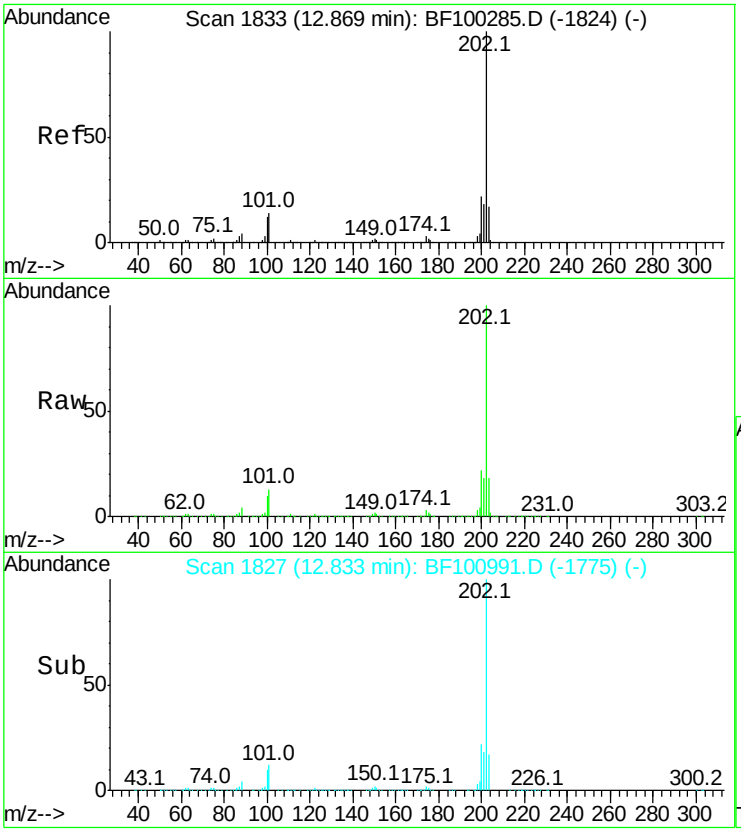


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:240 Resp: 129357

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.0	20.7	31.1



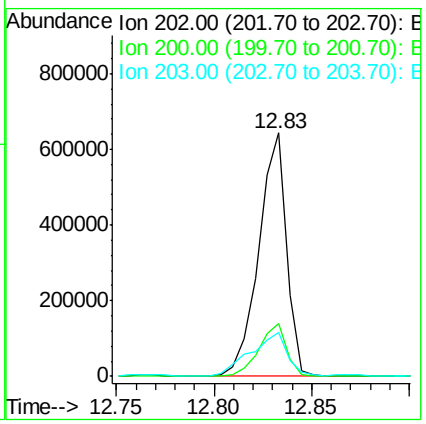


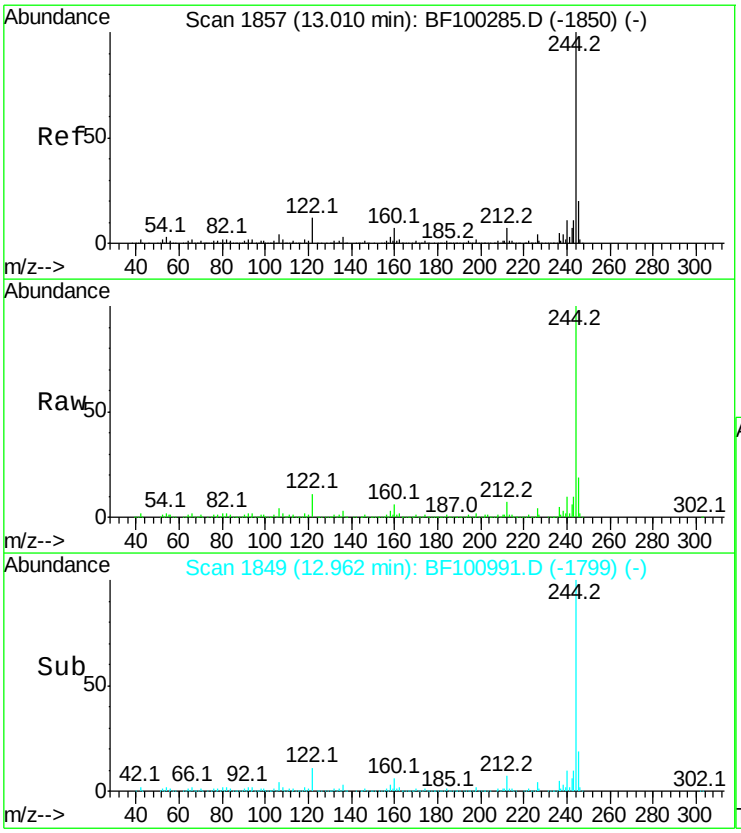
#77
Pyrene
Concen: 68.922 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 635534

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

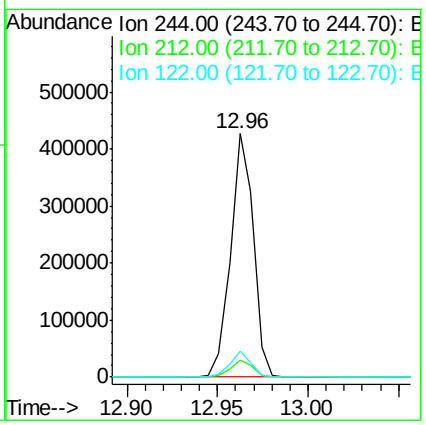


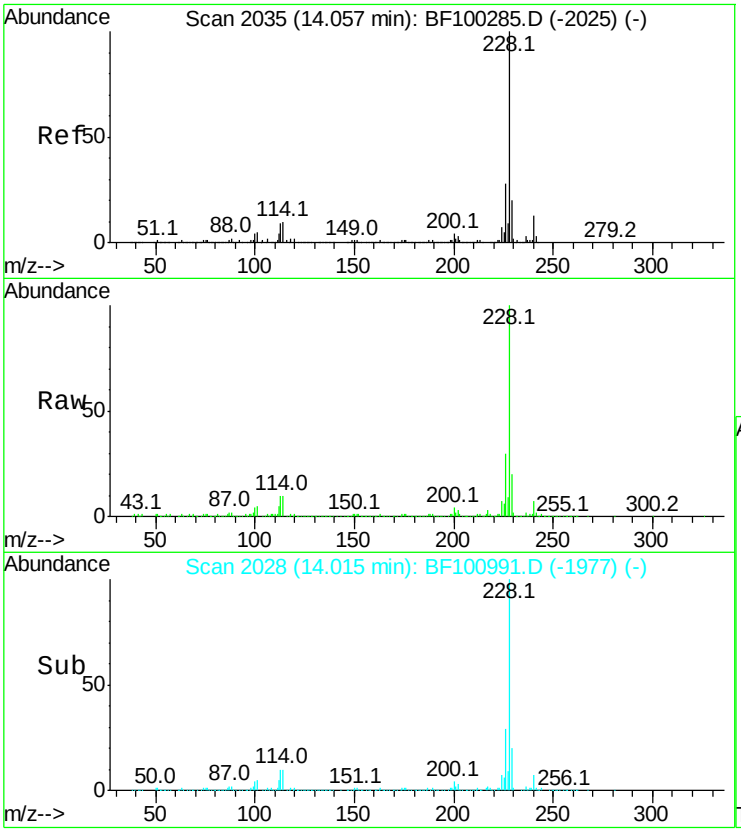


#78
Terphenyl-d14
Concen: 65.975 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:244 Resp: 371427

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#



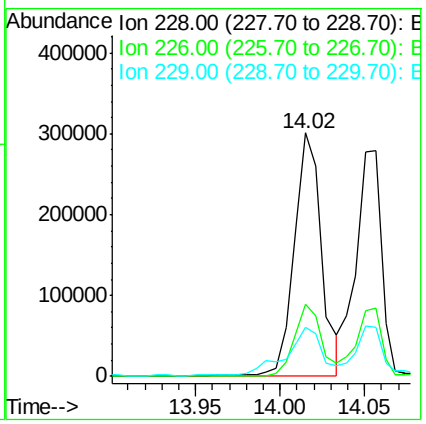


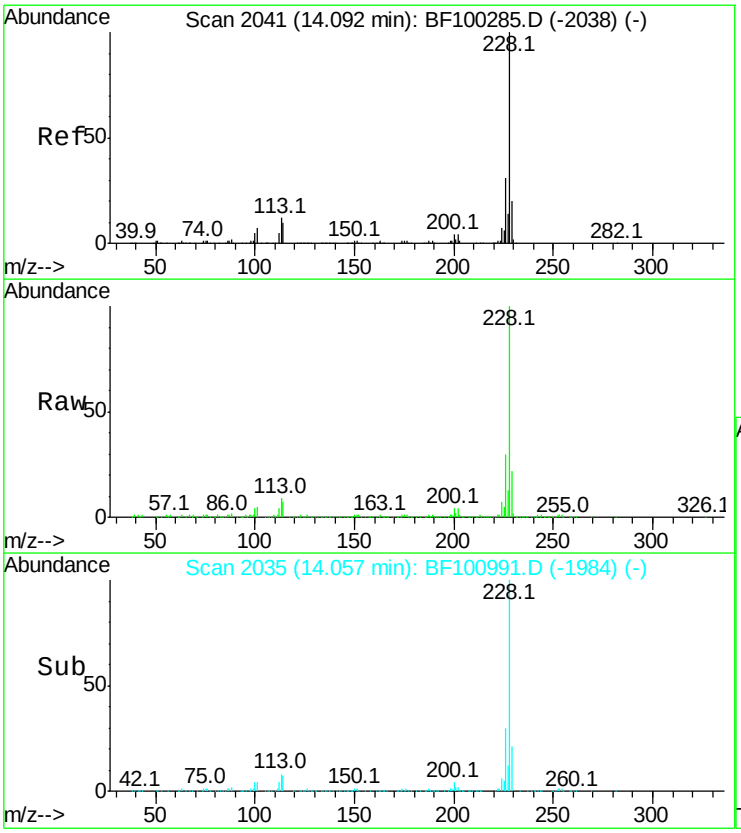
#80
Benzo(a)anthracene
Concen: 43.268 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 337048

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.1	15.8	23.6

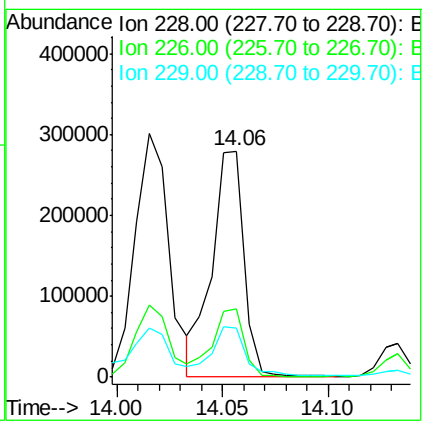


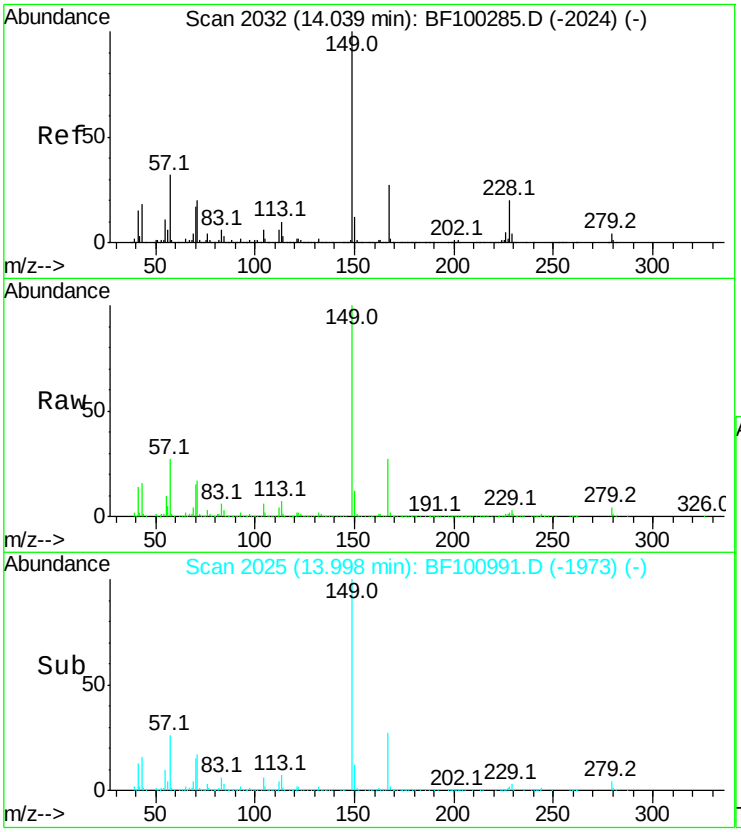


#82
Chrysene
Concen: 39.008 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:228 Resp: 294255

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.6	16.2	24.4



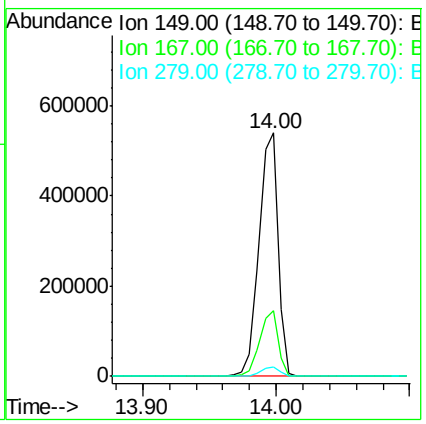


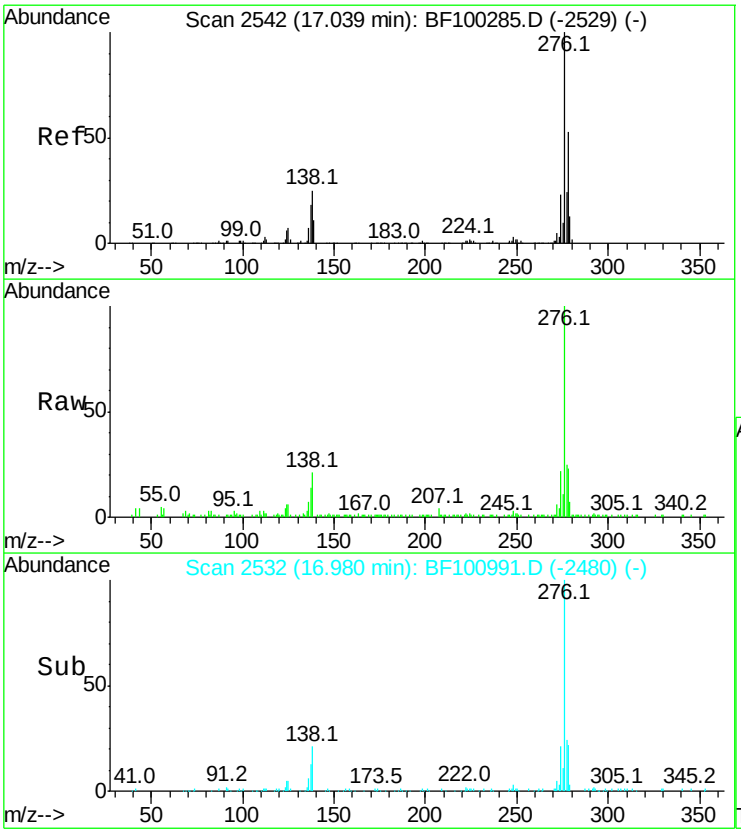
#83
Bis(2-ethylhexyl)phthalate
Concen: 106.628 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 527374

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	3.0	4.4

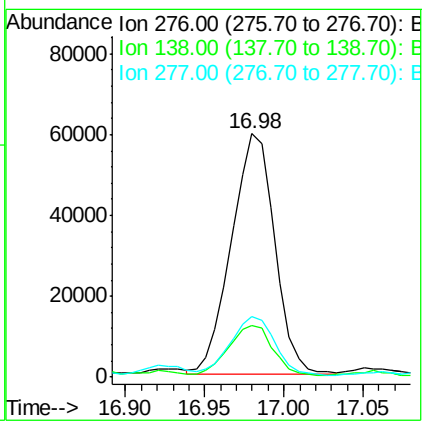


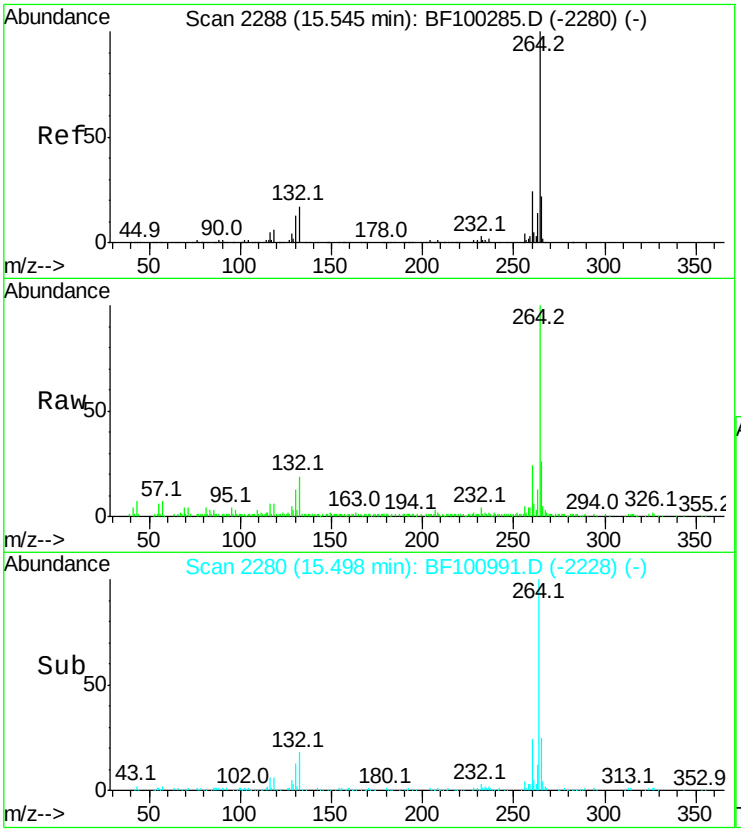


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.585 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:276 Resp: 113398

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.9	20.1	30.1



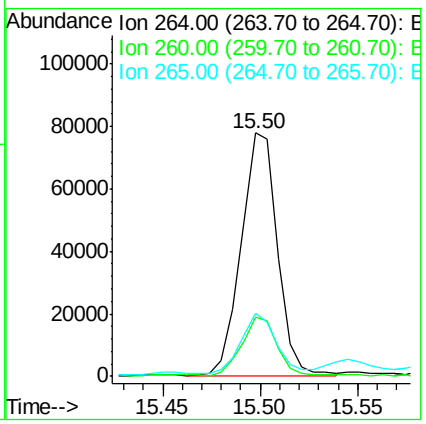


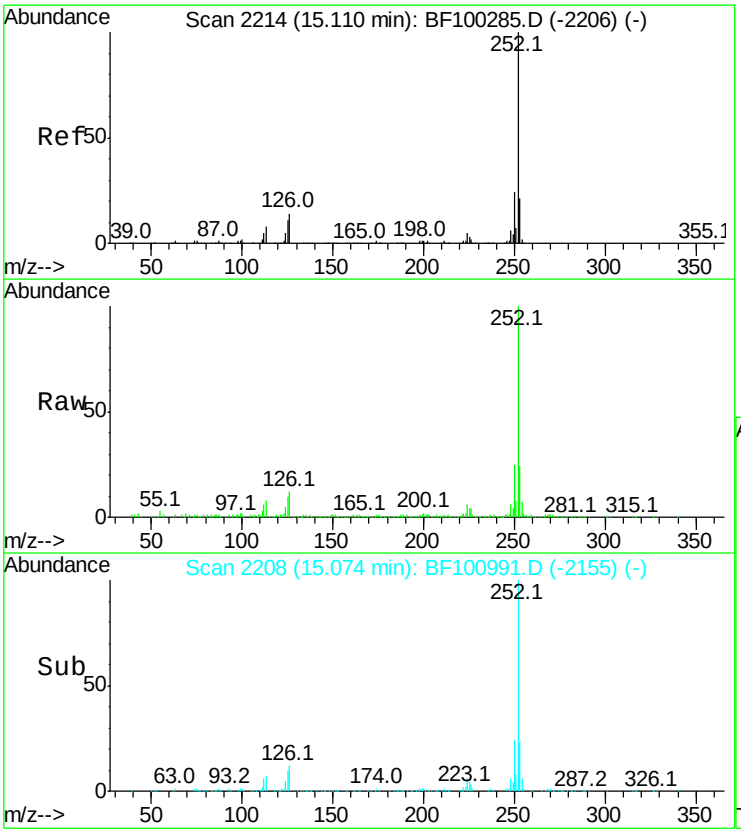
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 99497

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	25.7	17.5	26.3

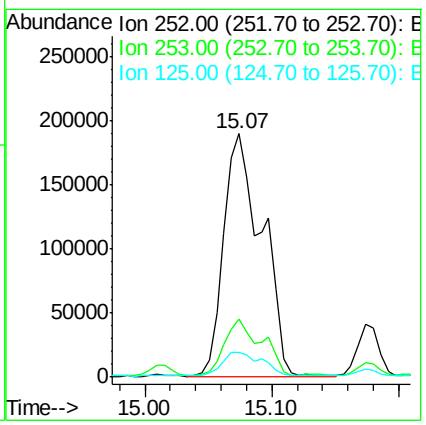


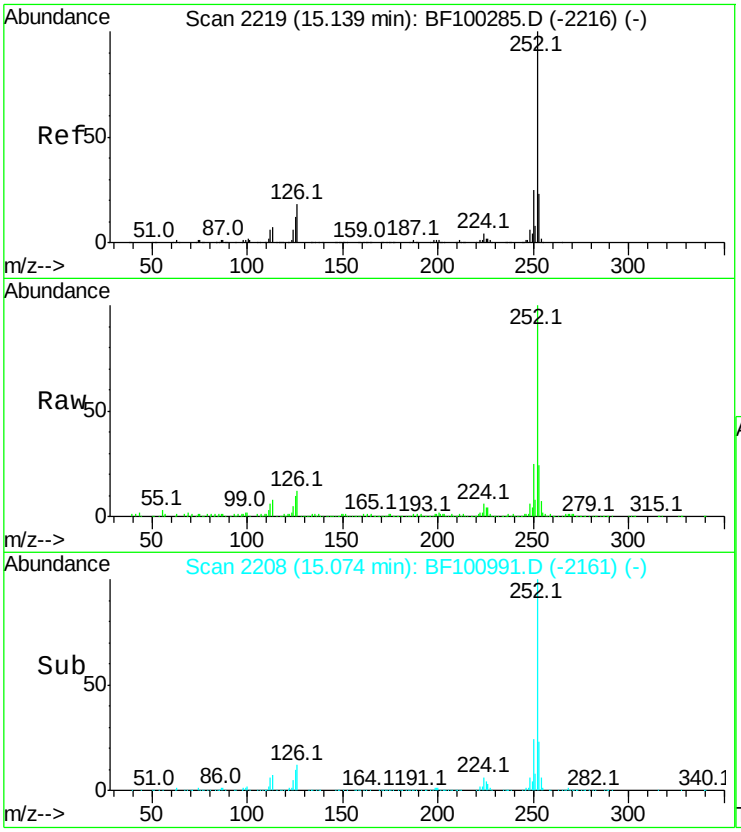


#87
Benzo(b)fluoranthene
Concen: 67.378 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:252 Resp: 397168

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	10.3	9.0	13.6



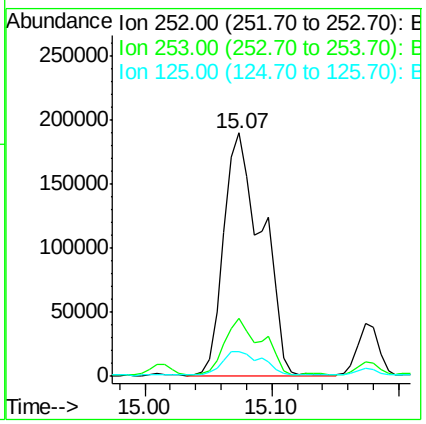


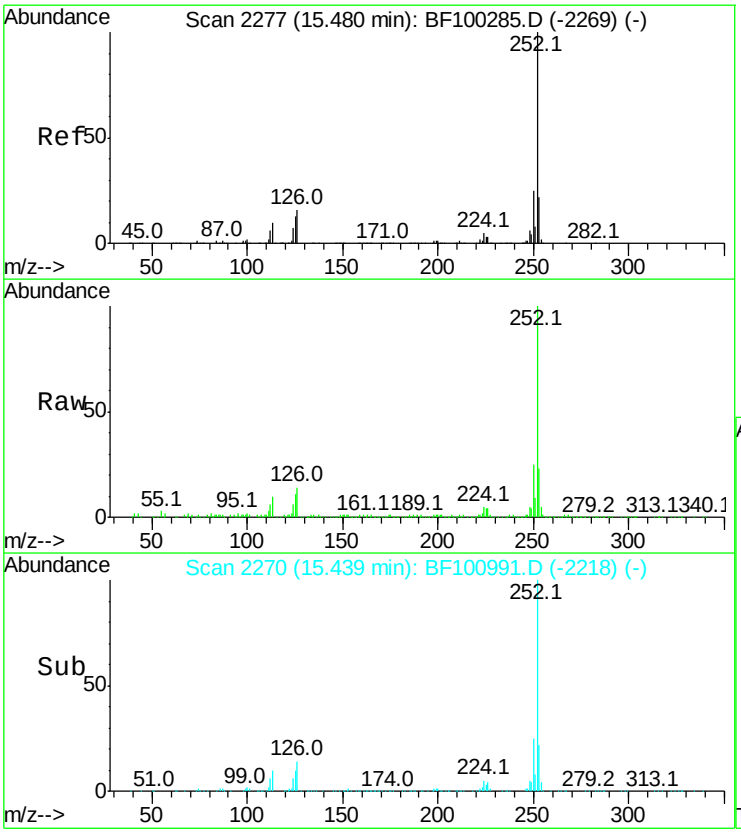
#88
Benzo(k)fluoranthene
Concen: 71.310 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 397168

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	10.3	10.2	15.2

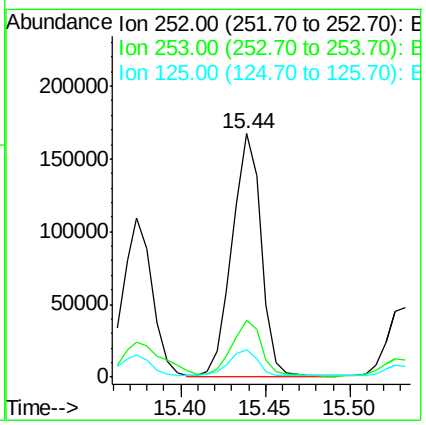


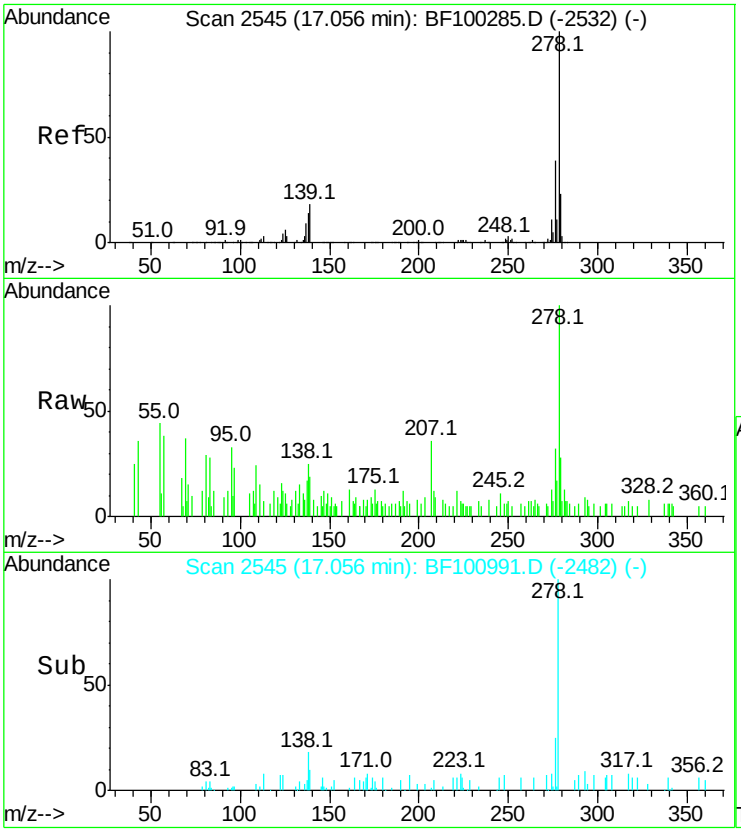


#89
Benzo(a)pyrene
Concen: 38.351 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:252 Resp: 200418

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.0	9.8	14.6



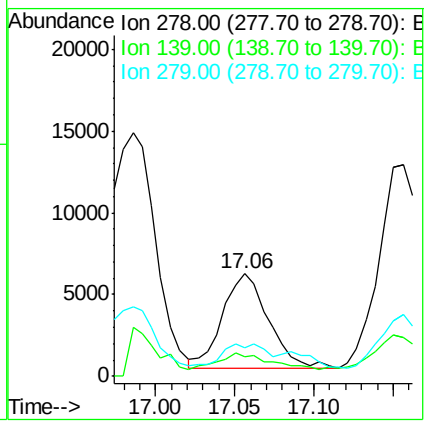


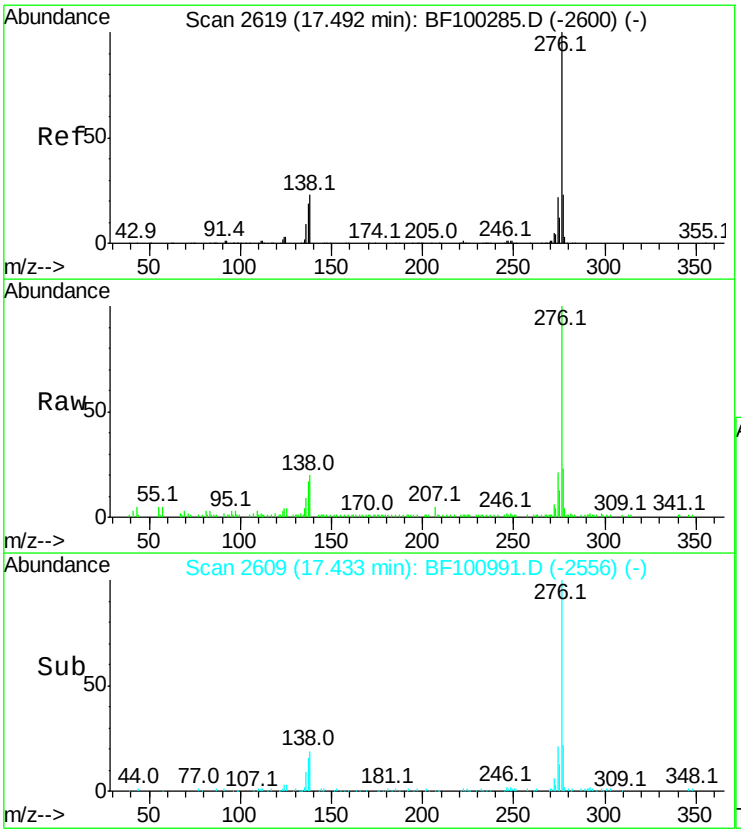
#90
Dibenzo(a,h)anthracene
Concen: 2.700 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.07 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 11537

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	28.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 25.707 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:276 Resp: 107545

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	19.7	21.8	32.8#