Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100939.D
Acq On : 28 Nov 2017 17:39
Operator : SJ/JU
Sample : I6610-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 00:38:51 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	6.86	152	63640	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	235513	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	95207	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	145059	20.00	ng		0.00
75) Chrysene-d12	14.02	240	143475	20.00	ng		0.00
86) Perylene-d12	15.49	264	150134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	411416	103.63	ng		0.00
7) Phenol-d6	6.49	99	475445	97.12	ng		0.00
23) Nitrobenzene-d5	7.42	82	288434	80.97	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	98407	101.43	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	574221	91.84	ng		0.00
78) Terphenyl-d14	12.96	244	403802	64.67	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	14723	2.865	ng	#	65
19) n-Nitroso-di-n-propylamine	7.42	70	37407	11.018	ng	#	80
25) Isophorone	7.42	82	288429	38.530	ng	#	64
47) 2-Nitroaniline	9.60	65	156	2.867	ng	#	1
49) Dimethylphthalate	9.60	163	35761	4.920	ng	#	98
50) 2,6-Dinitrotoluene	9.89	165	12324	8.565	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	12324	6.789	ng	#	21
66) 4-Bromophenyl-phenylether	10.68	248	6250	4.019	ng	#	1
70) Phenanthrene	11.40	178	150764	19.740	ng		97
71) Anthracene	11.46	178	26574	3.429	ng		97
74) Fluoranthene	12.60	202	203663	25.161	ng		93
77) Pyrene	12.83	202	180706	17.669	ng		96
80) Benzo(a)anthracene	14.01	228	96597	11.180	ng		98
82) Chrysene	14.04	228	88698	10.601	ng		95
83) Bis(2-ethylhexyl)phthalate	13.99	149	13962	2.545	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	141325	15.889	ng		98
88) Benzo(k)fluoranthene	15.06	252	141325	16.816	ng		98
89) Benzo(a)pyrene	15.43	252	66622	8.449	ng		98
91) Benzo(g,h,i)perylene	17.41	276	32085	5.083	ng		94

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

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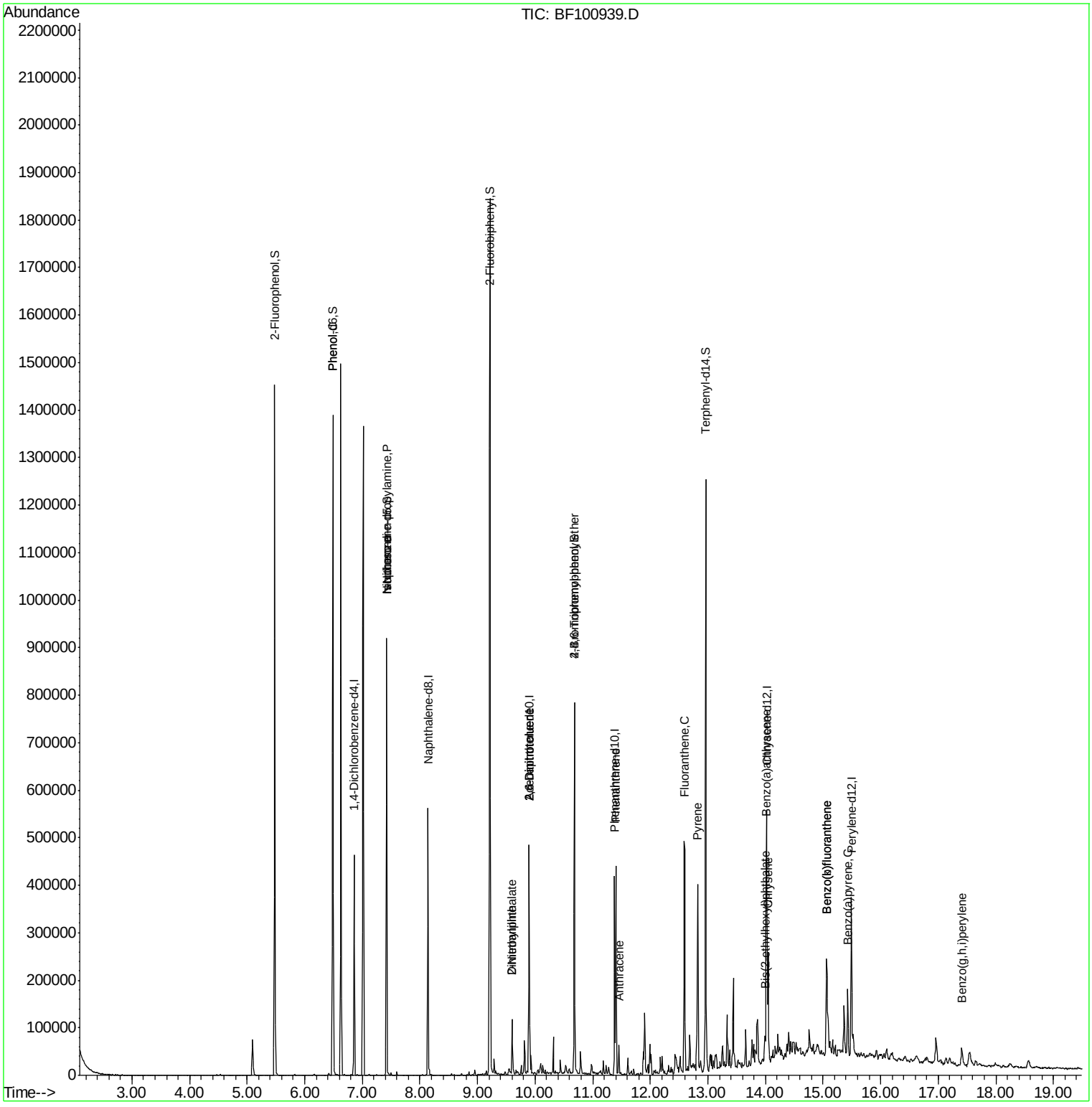
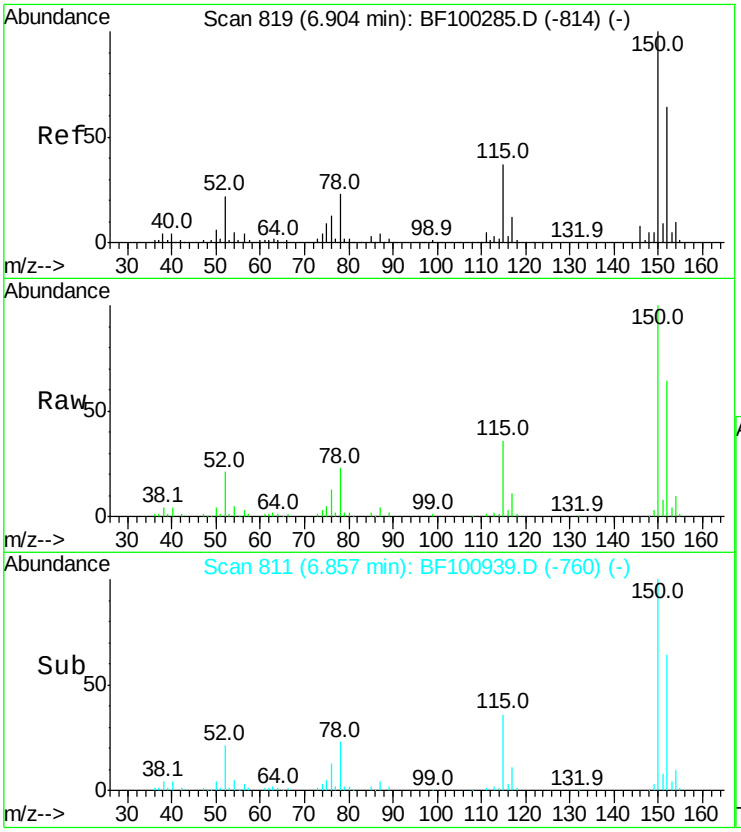
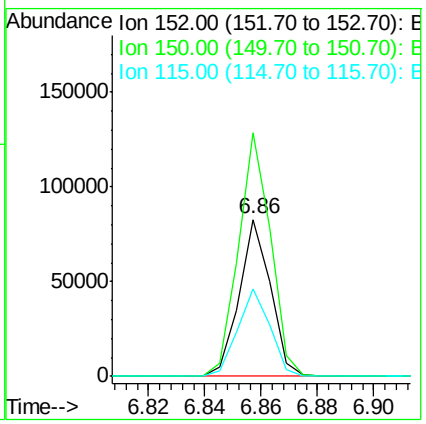




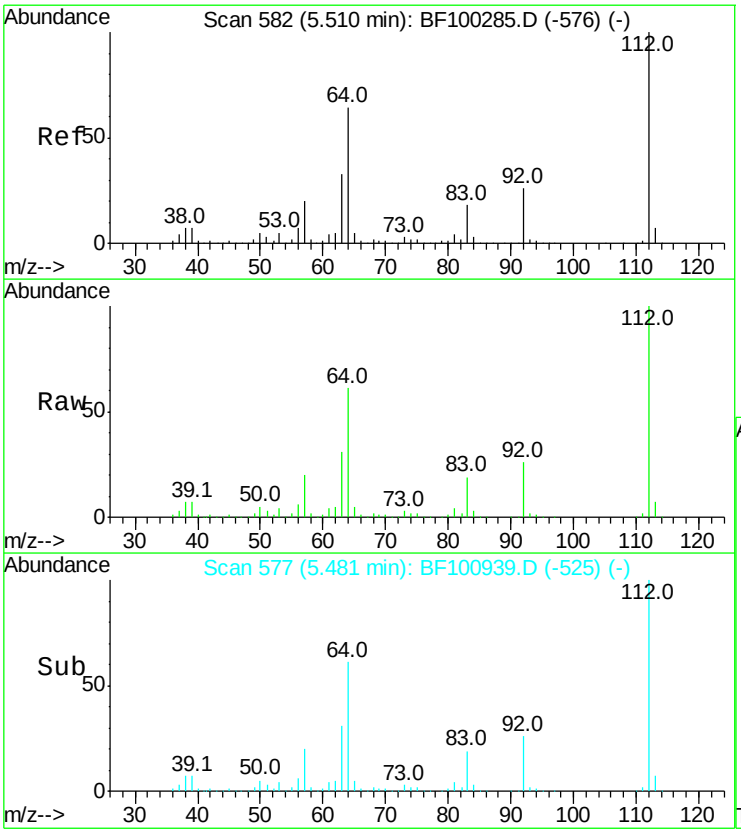
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:152 Resp: 63640

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.1	50.1	75.1



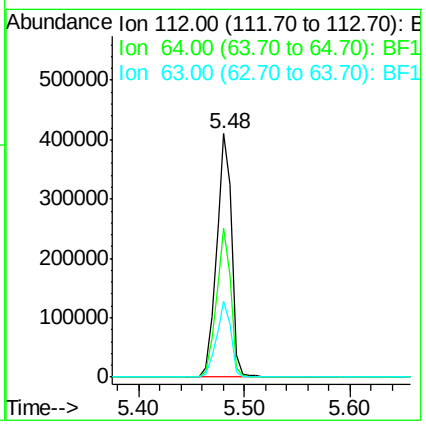
Instrument :
BNA_F
ClientSampleId :

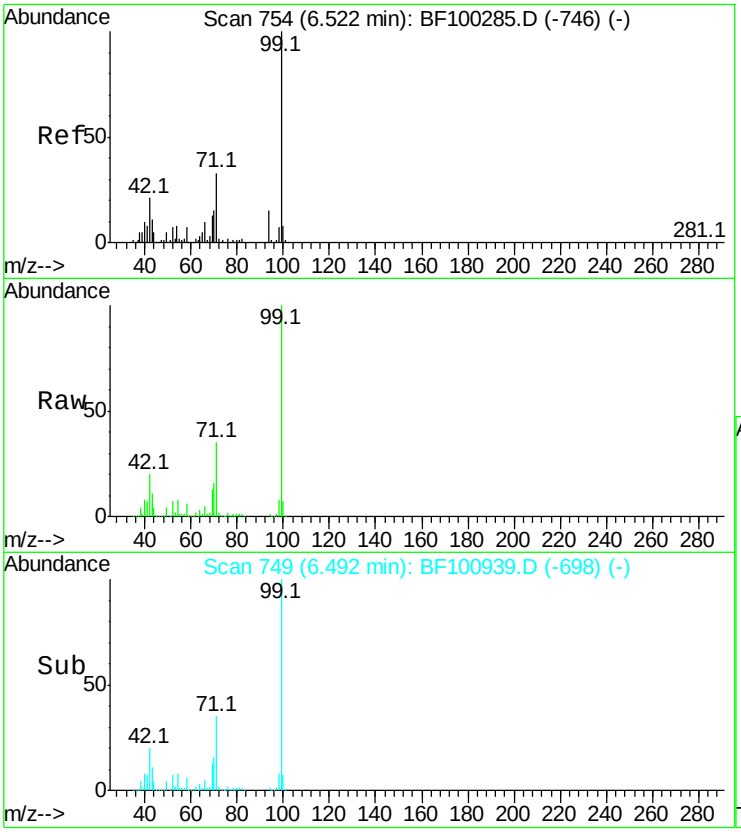


#5
2-Fluorophenol
Concen: 103.629 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:112 Resp: 411416

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	23.7	35.5



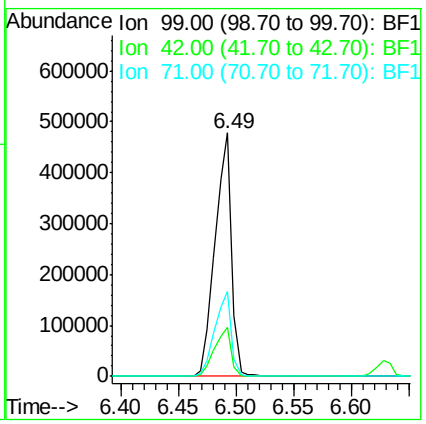


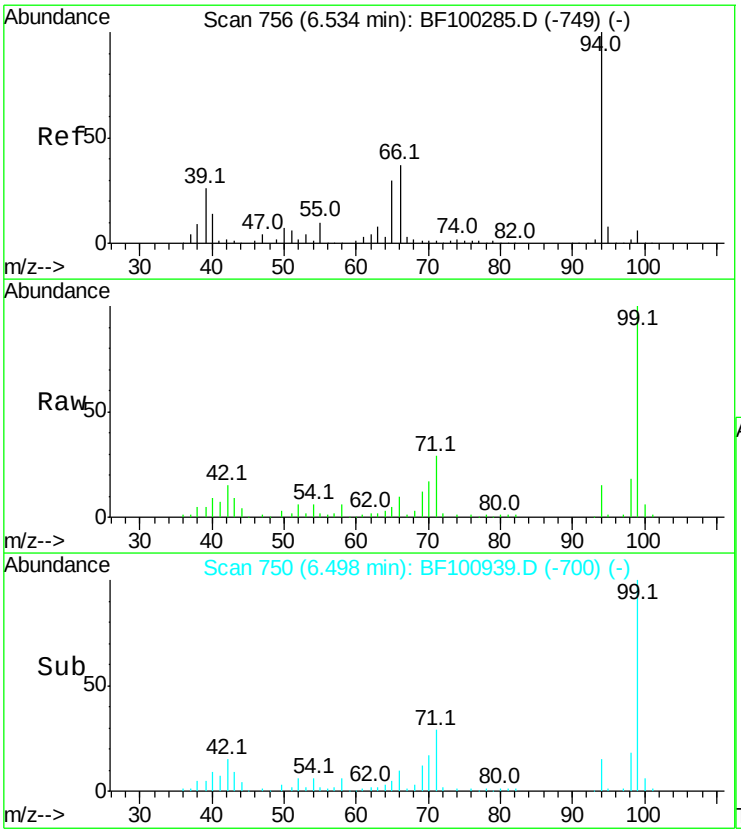
#7
Phenol-d6
Concen: 97.116 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 475445

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.9	25.4	38.0

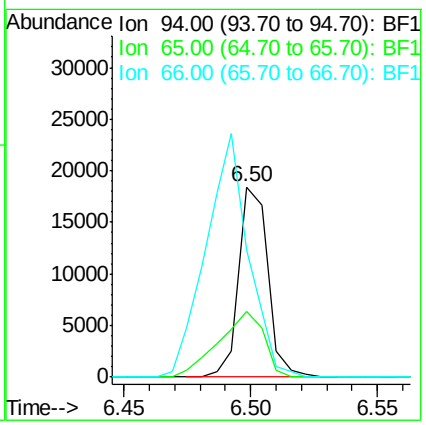


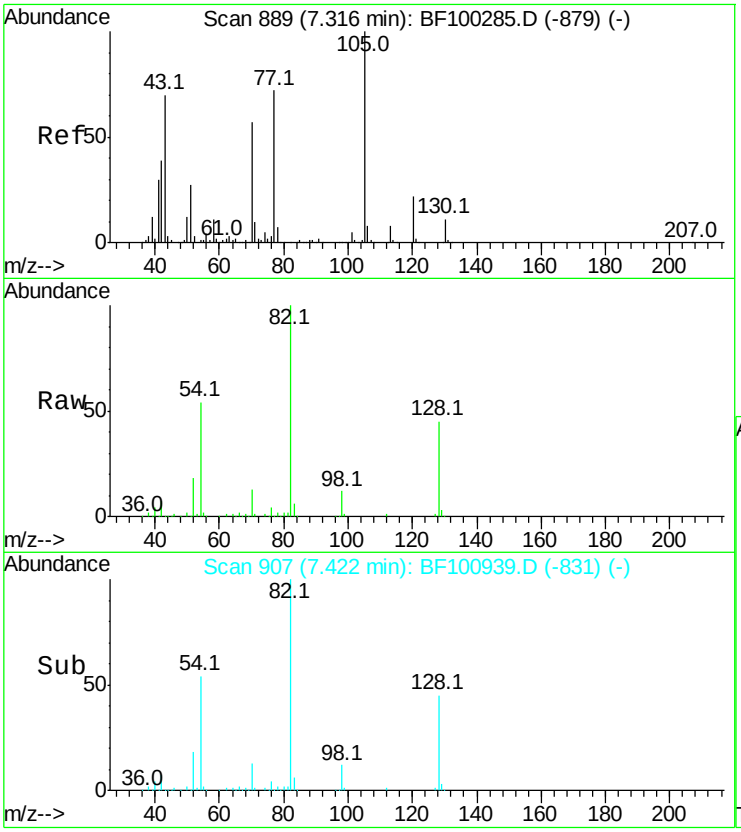


#10
Phenol
Concen: 2.865 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion: 94 Resp: 14723

Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	66.8	16.2	56.2#



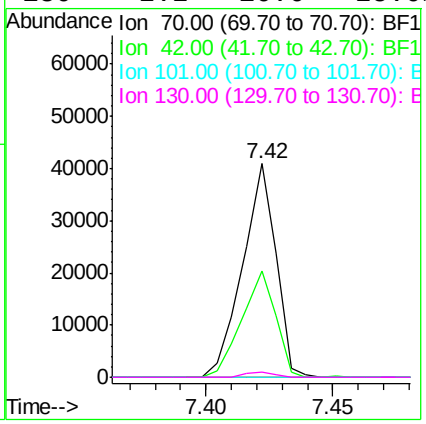


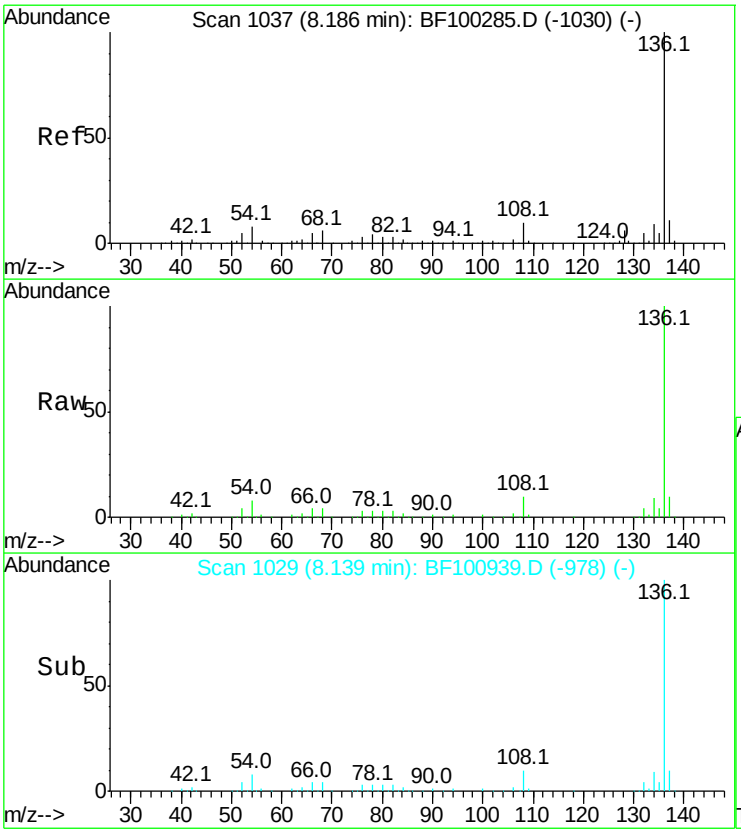
#19
n-Nitroso-di-n-propylamine
Concen: 11.018 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 37407

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

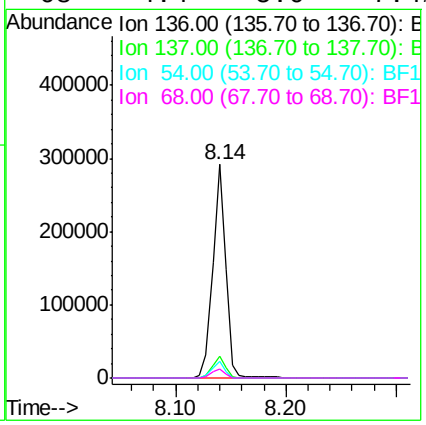


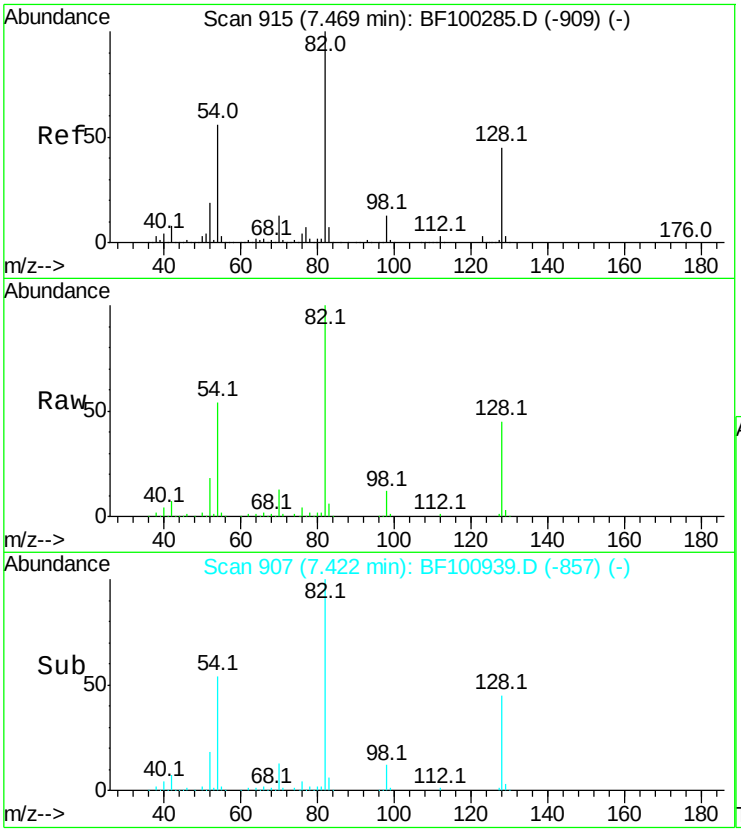


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:136 Resp: 235513

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.6	6.6	9.8
68	4.4	5.0	7.4#



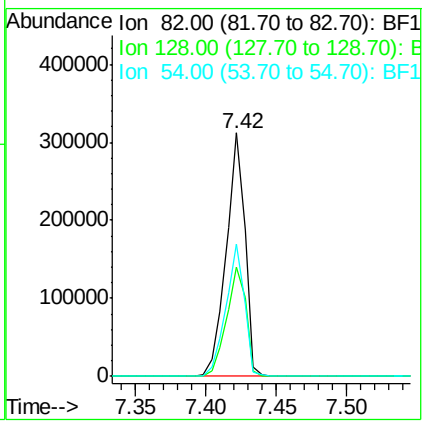


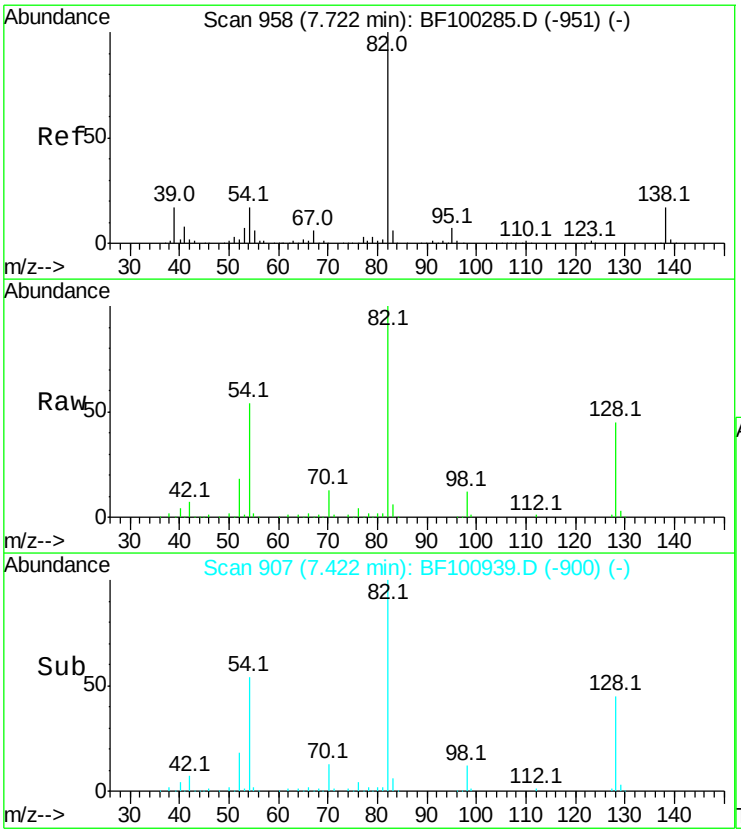
#23
Nitrobenzene-d5
Concen: 80.969 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 288434

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	54.3	41.4	62.2

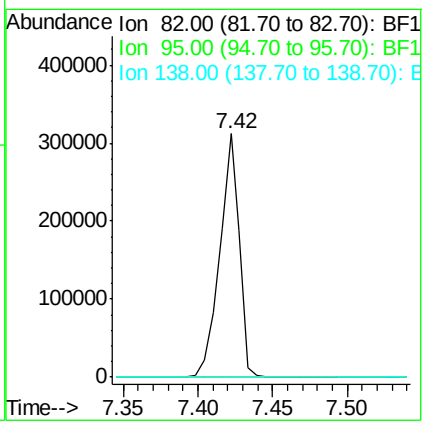


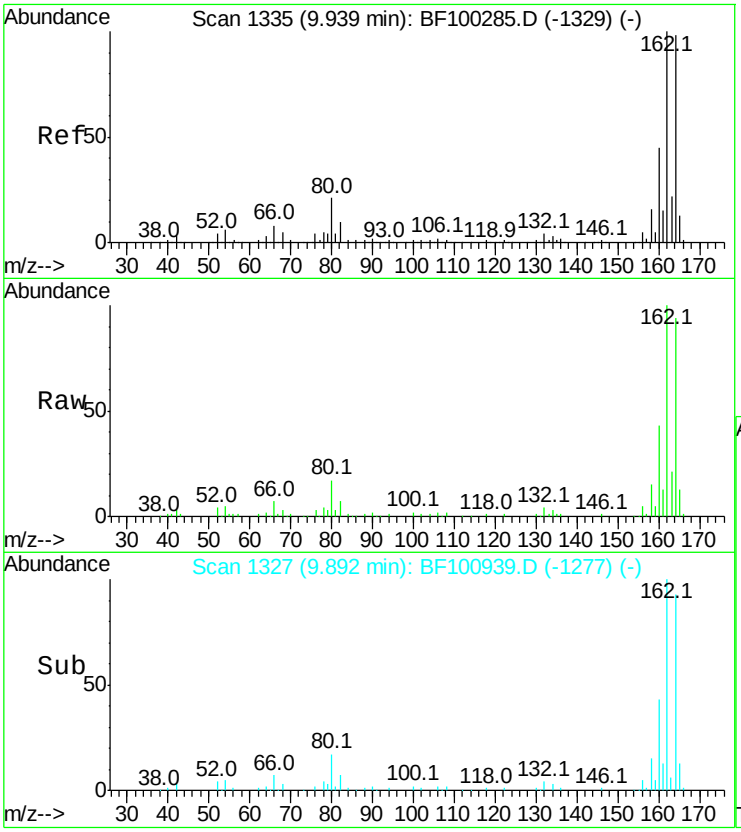


#25
Isophorone
Concen: 38.530 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion: 82 Resp: 288429

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



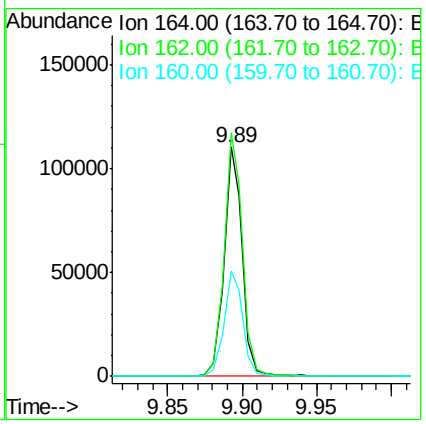


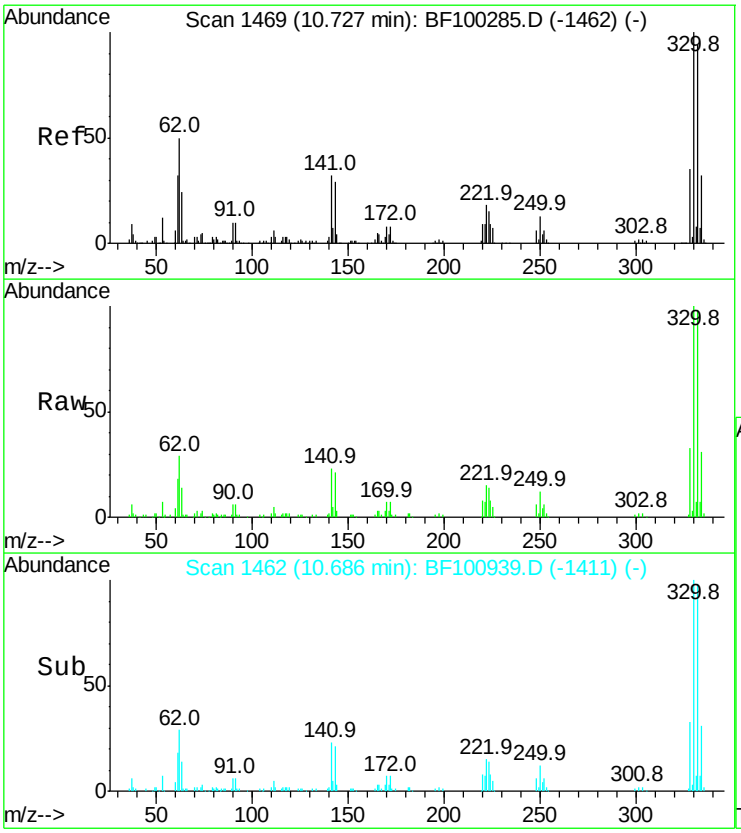
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95207

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.2	38.3	57.5

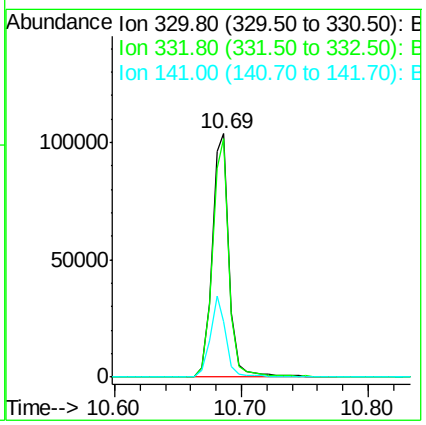


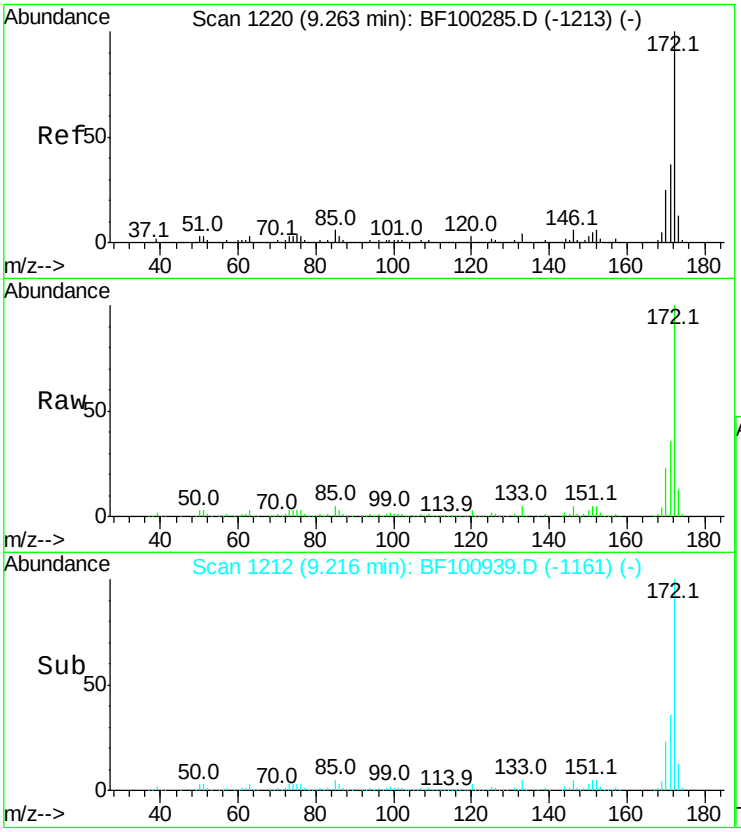


#41
2,4,6-Tribromophenol
Concen: 101.434 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:330 Resp: 98407

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.3	29.9	44.9



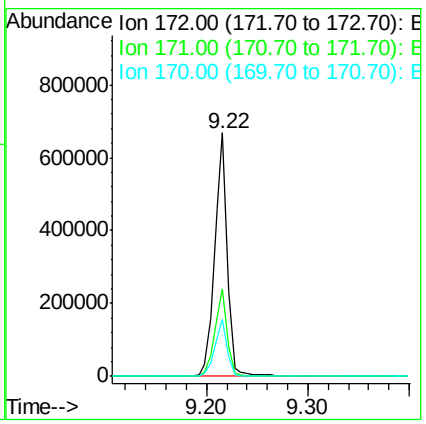


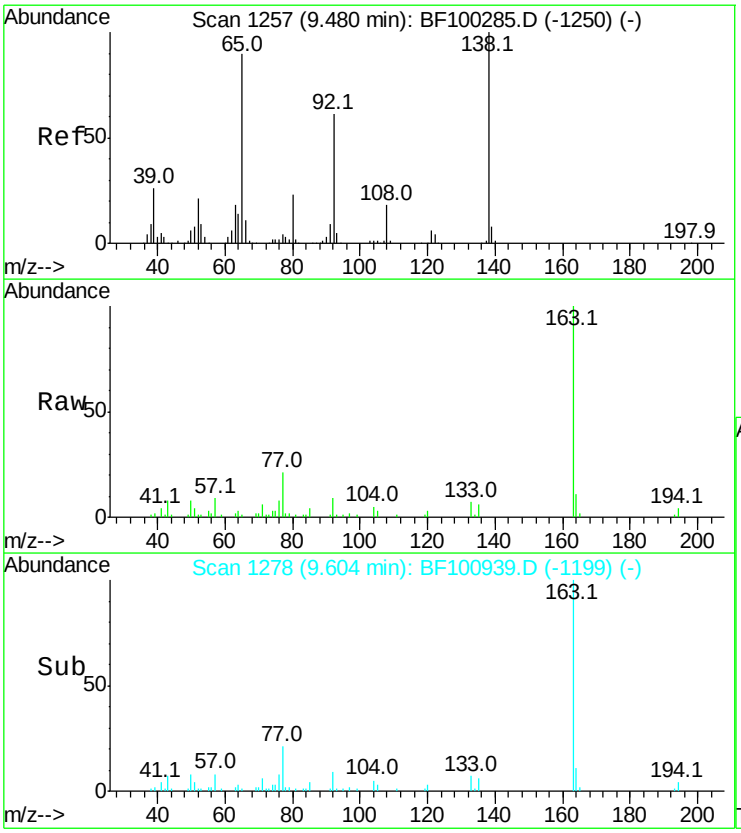
#44
2-Fluorobiphenyl
Concen: 91.839 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 574221

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4

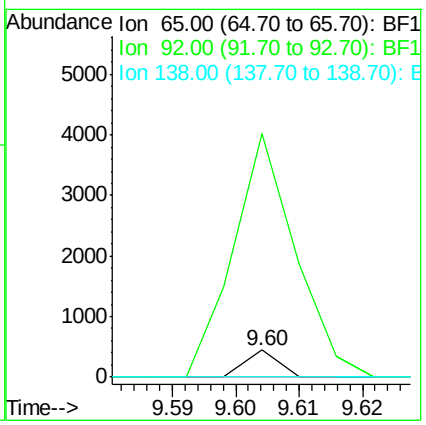


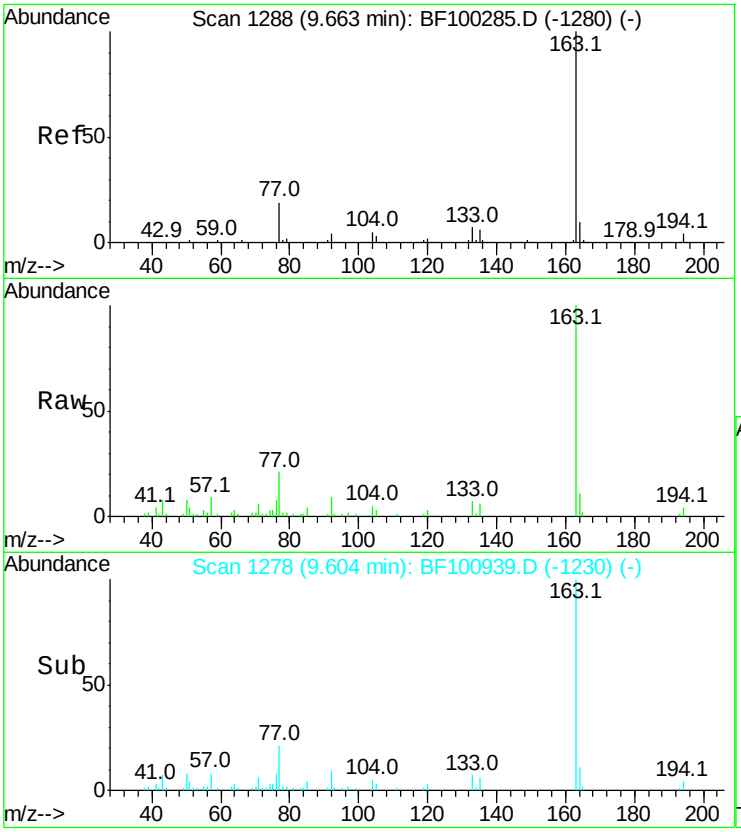


#47
2-Nitroaniline
Concen: 2.867 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion: 65 Resp: 156

Ion	Ratio	Lower	Upper
65	100		
92	907.9	55.8	83.6#
138	0.0	91.2	136.8#



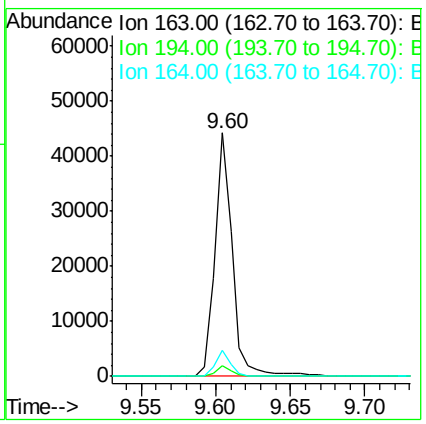


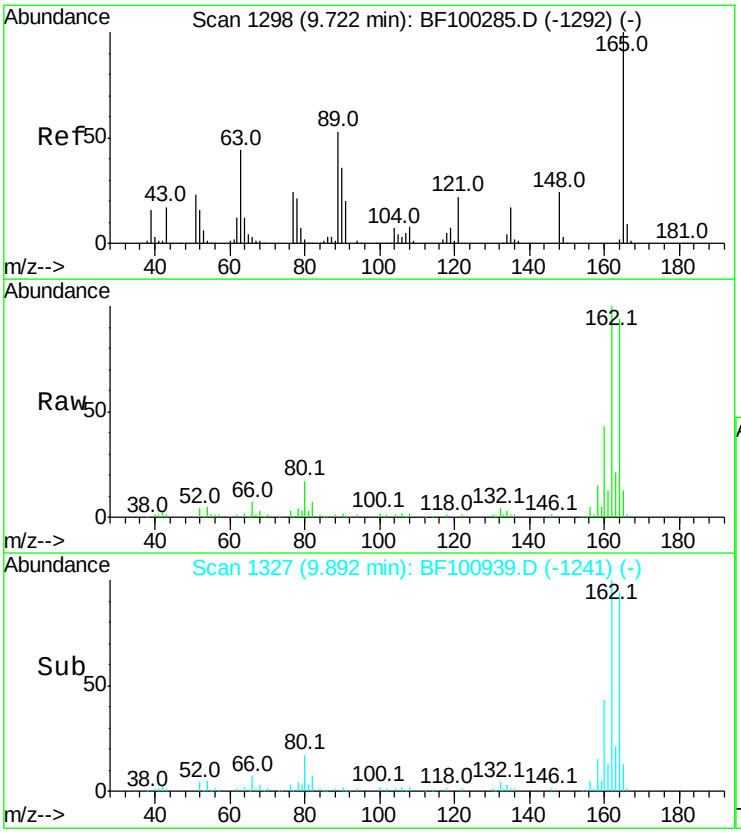
#49
Dimethylphthalate
Concen: 4.920 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35761

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.9	8.2	12.2

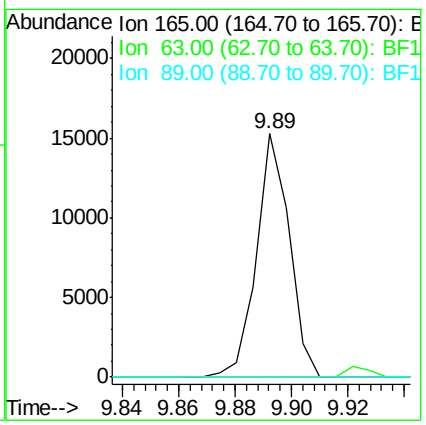


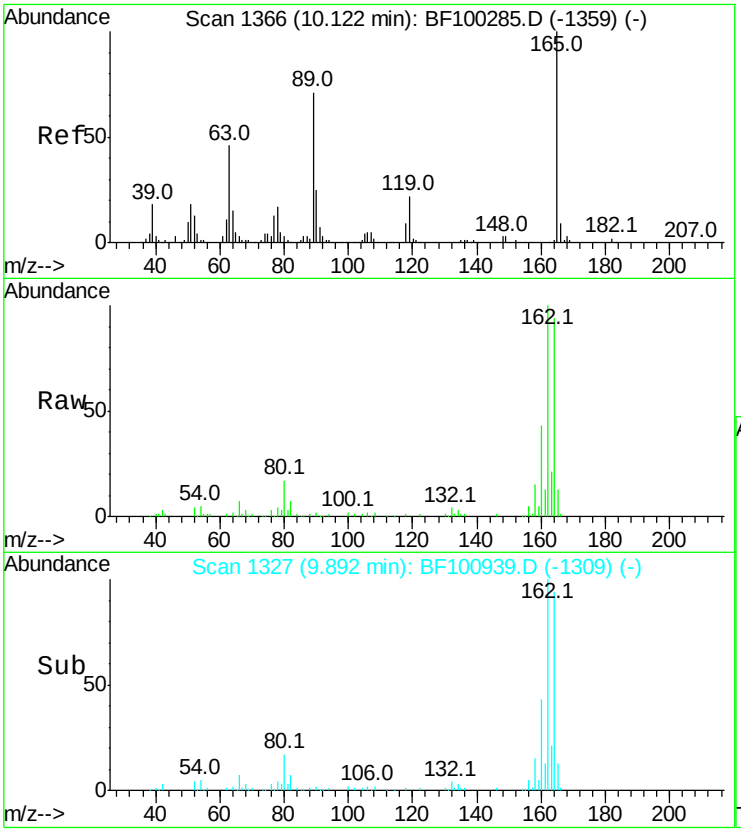


#50
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:165 Resp: 12324

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



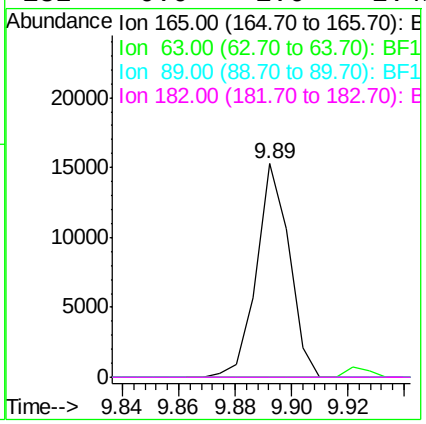


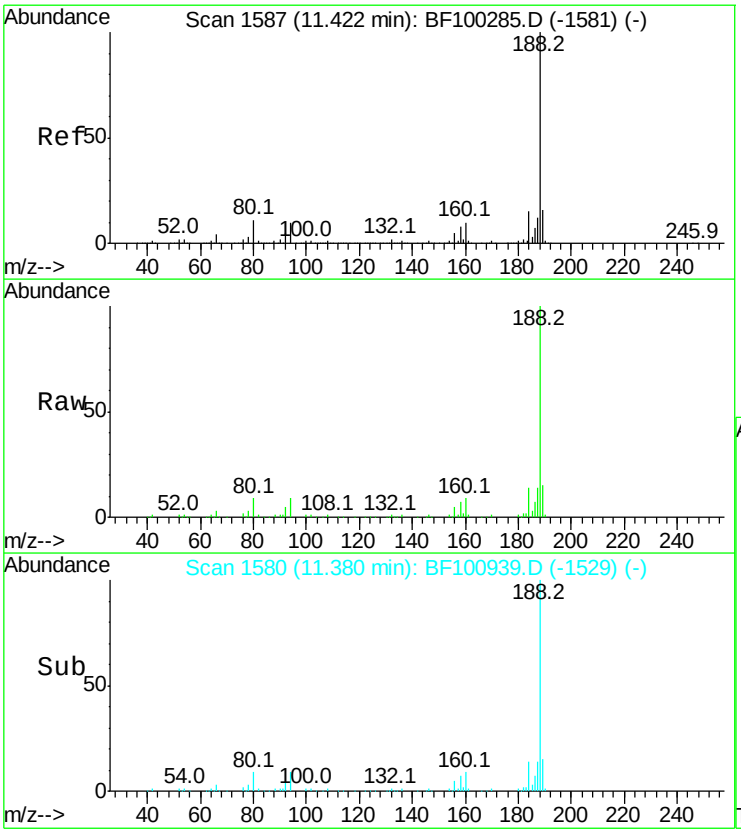
#56
2,4-Dinitrotoluene
Concen: 6.789 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12324

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

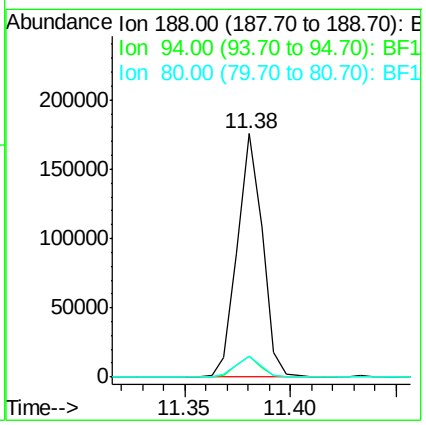


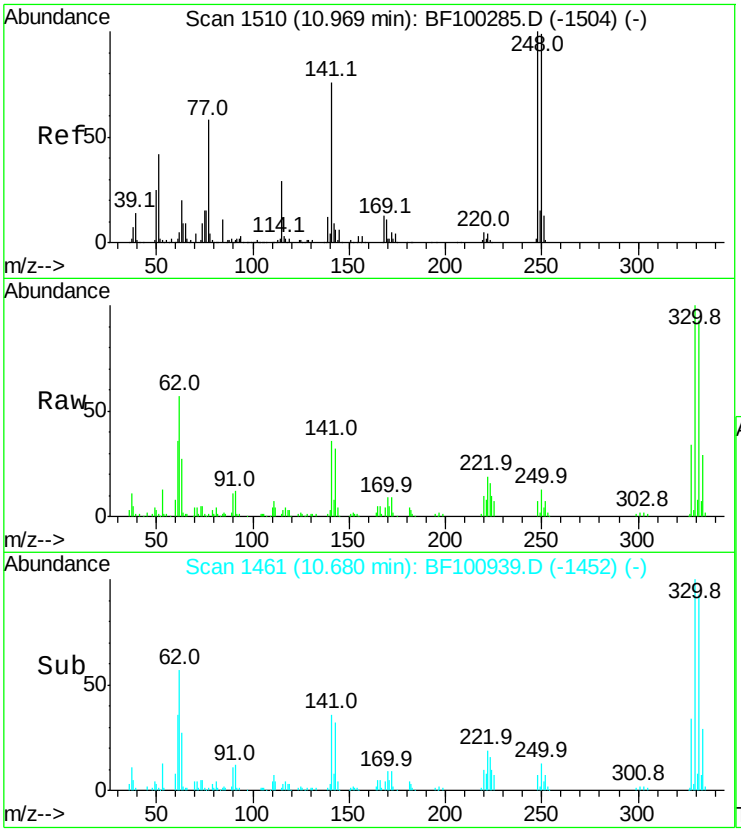


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:188 Resp: 145059

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.6	9.2	13.8#



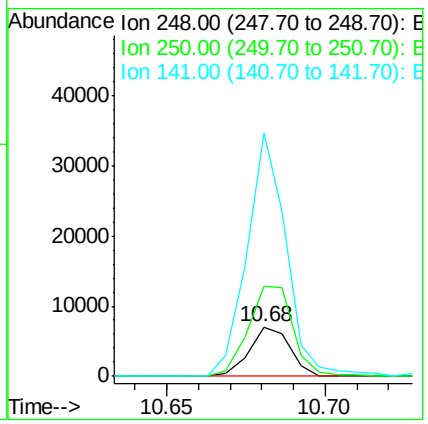


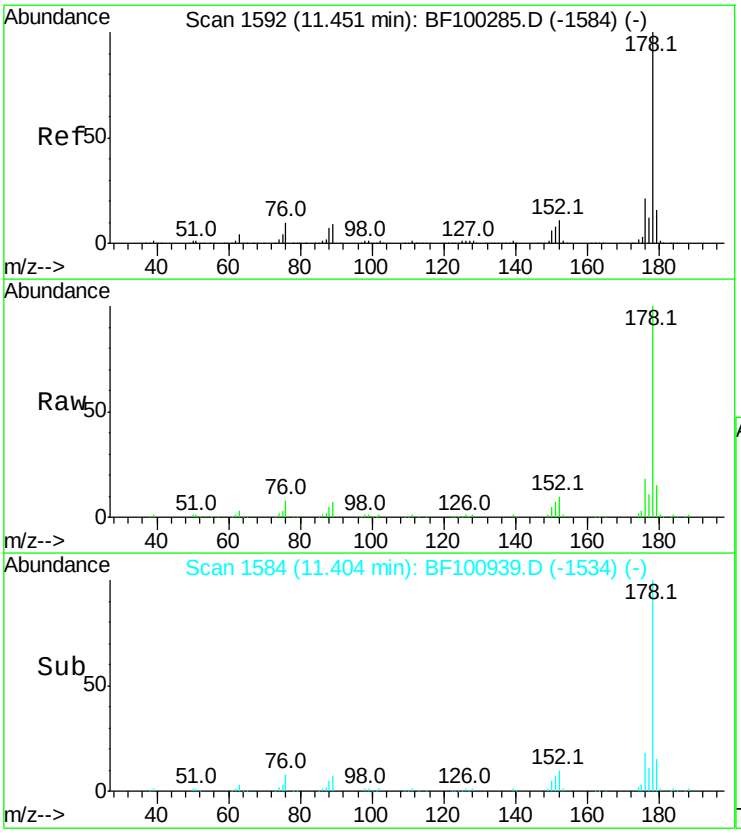
#66
4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6250

Ion	Ratio	Lower	Upper
248	100		
250	183.0	76.9	115.3#
141	492.4	74.4	111.6#

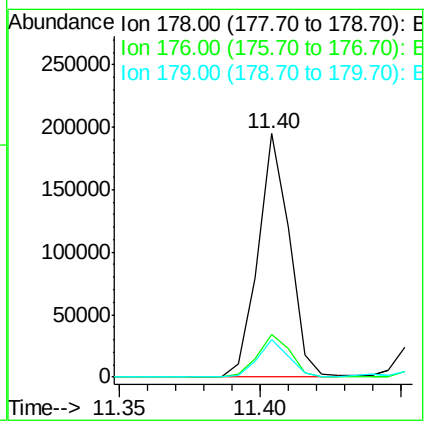


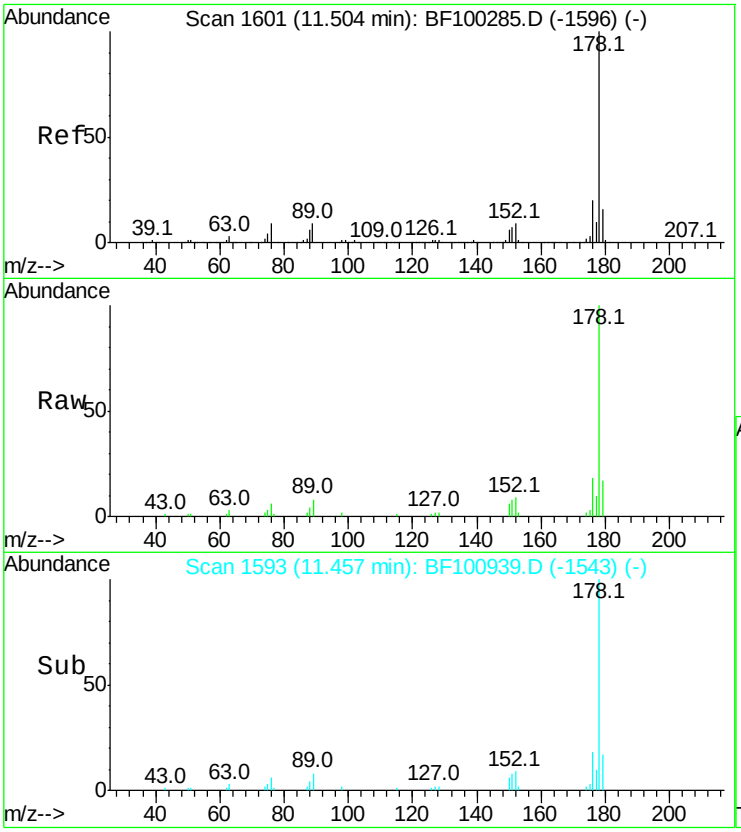


#70
Phenanthrene
Concen: 19.740 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:178 Resp: 150764

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	15.4	13.0	19.6



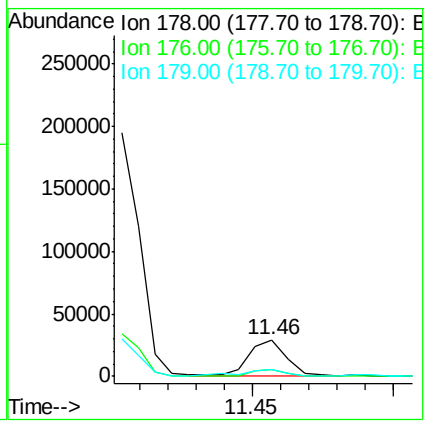


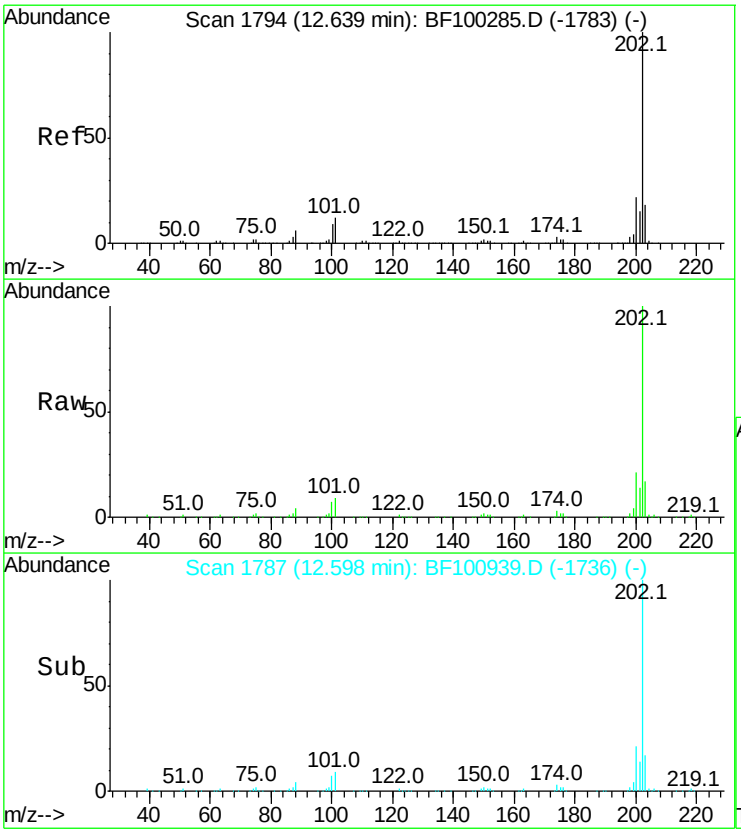
#71
Anthracene
Concen: 3.429 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 26574

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.9	12.6	19.0

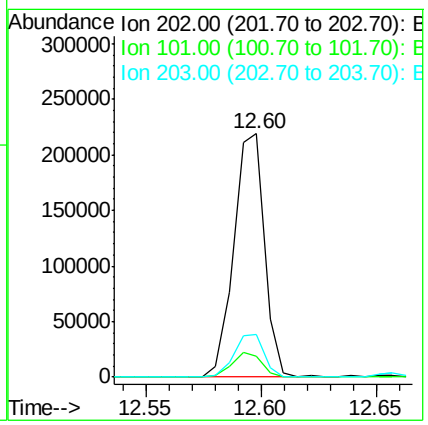


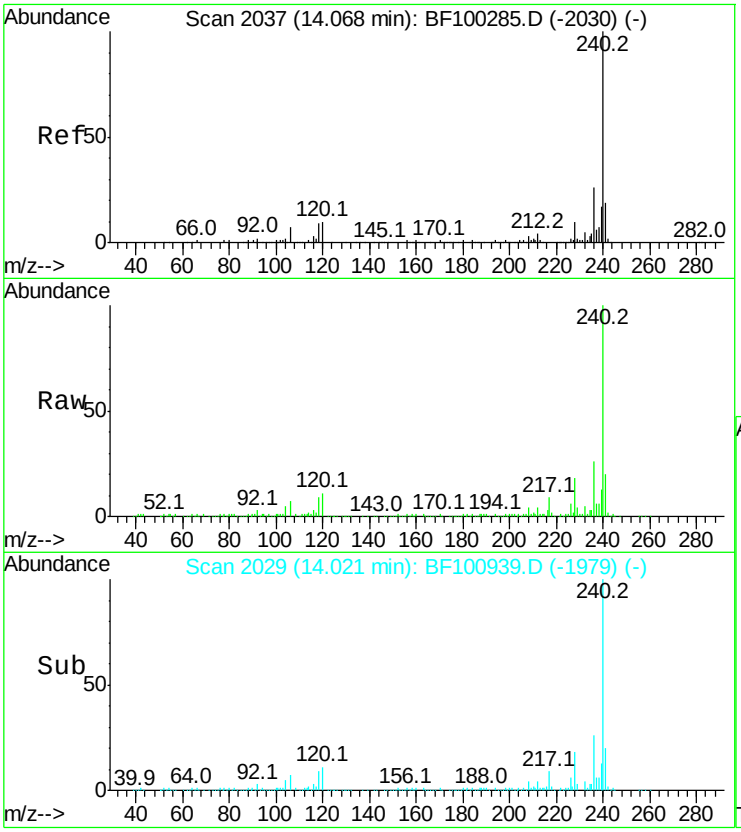


#74
Fluoranthene
Concen: 25.161 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:202 Resp: 203663

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	34.1
203	17.4	0.0	38.1



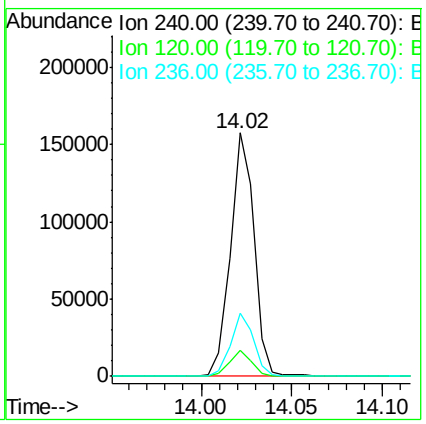


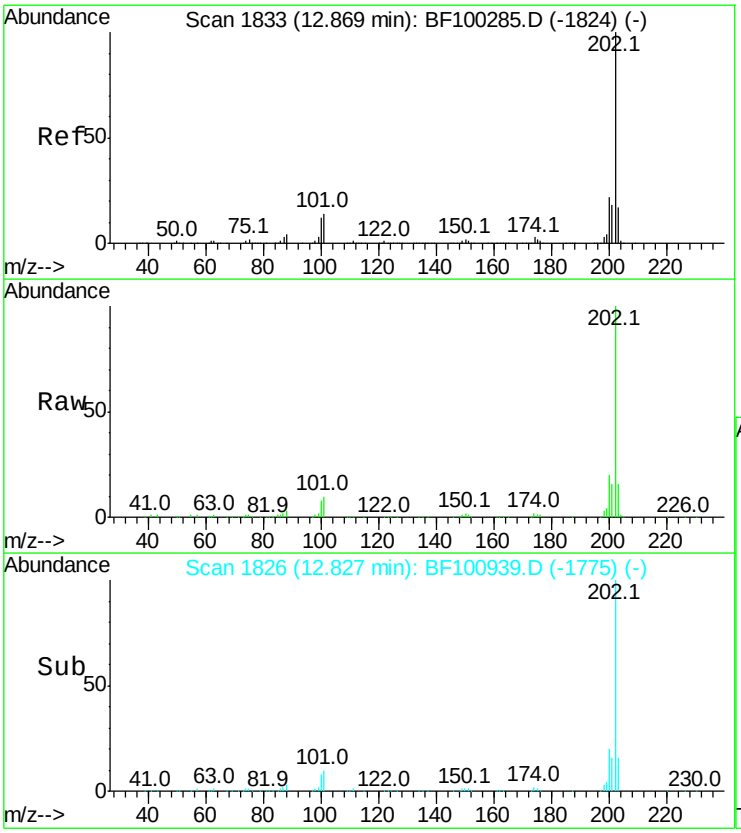
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 143475

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.7	20.7	31.1

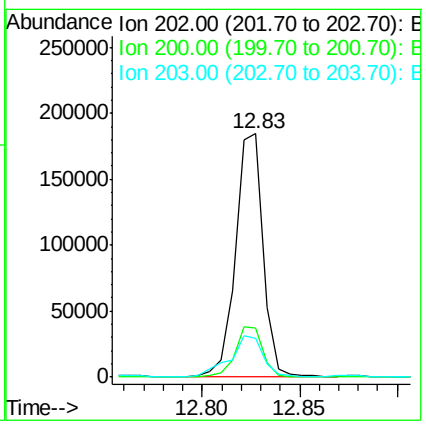


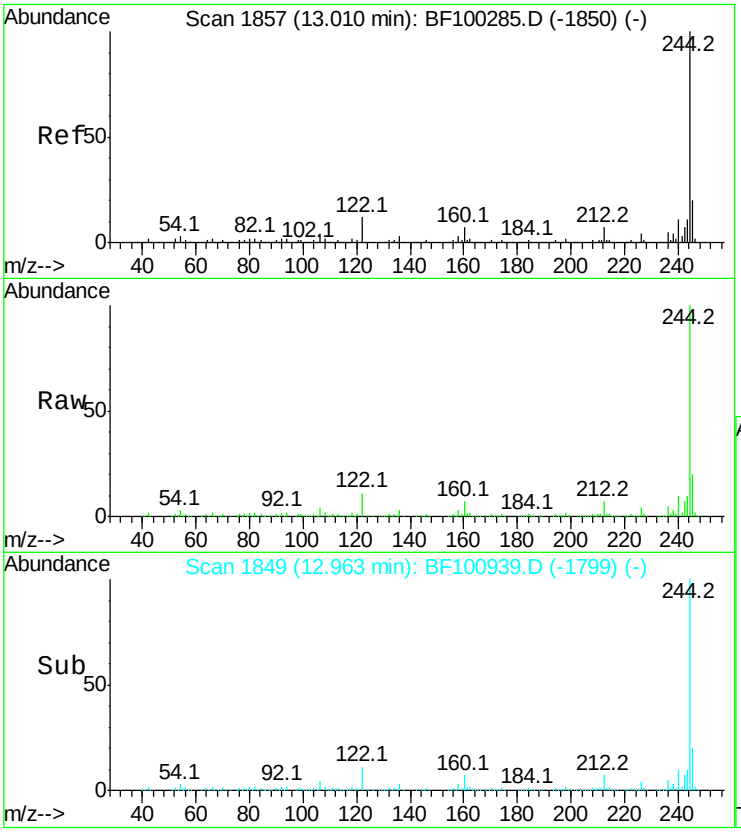


#77
Pyrene
Concen: 17.669 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:202 Resp: 180706

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	16.1	14.3	21.5



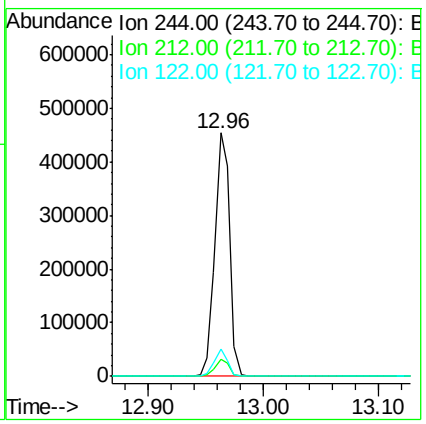


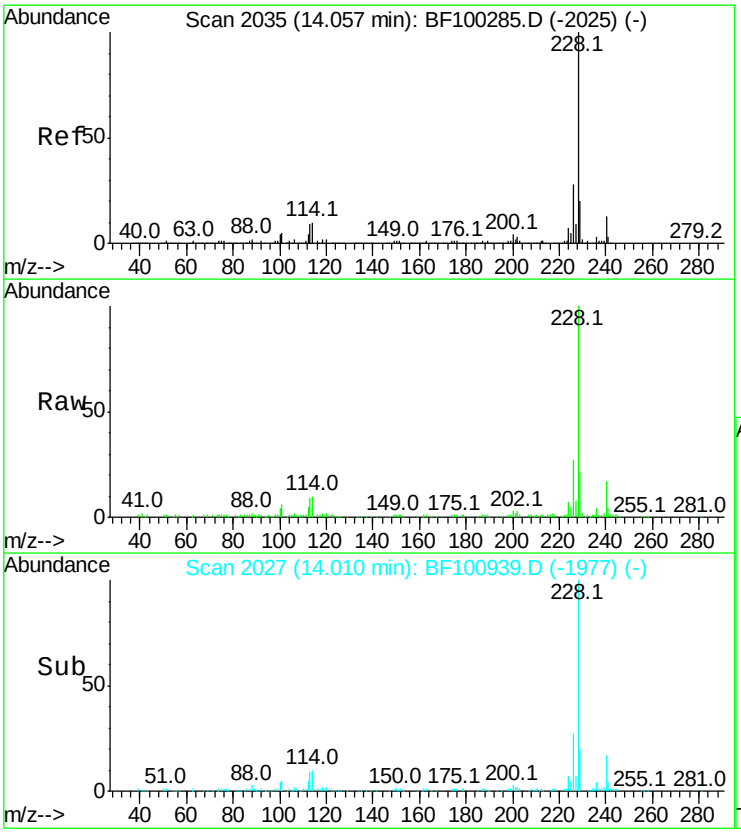
#78
Terphenyl-d14
Concen: 64.668 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 403802

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.4	11.0	16.4

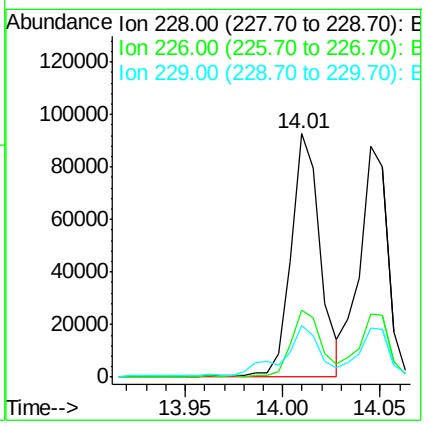


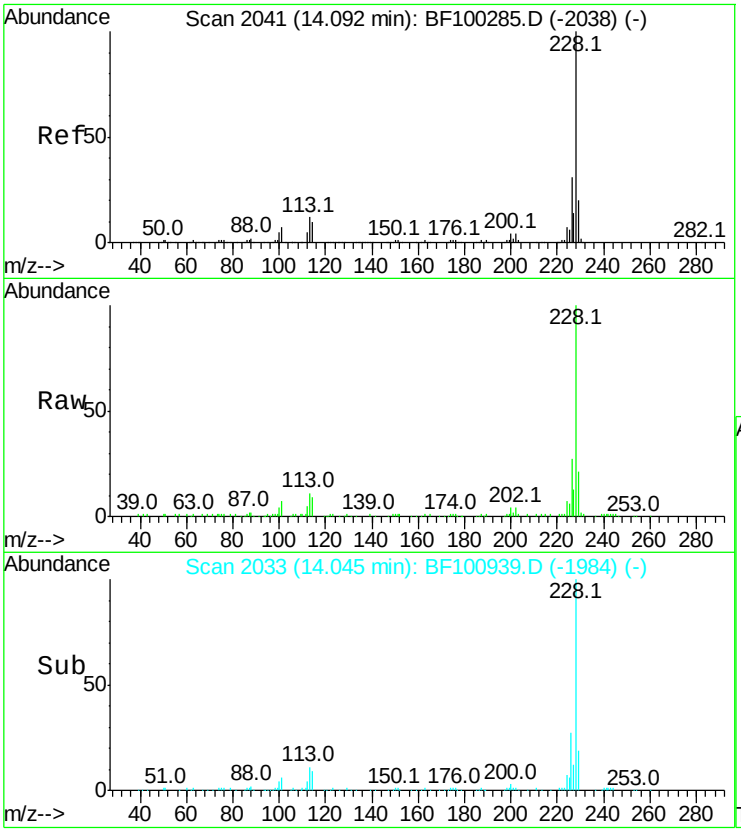


#80
Benzo(a)anthracene
Concen: 11.180 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:228 Resp: 96597

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.2	15.8	23.6



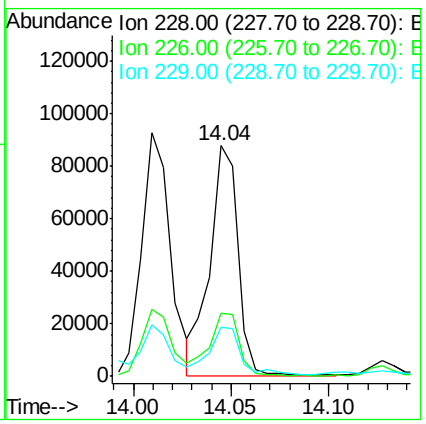


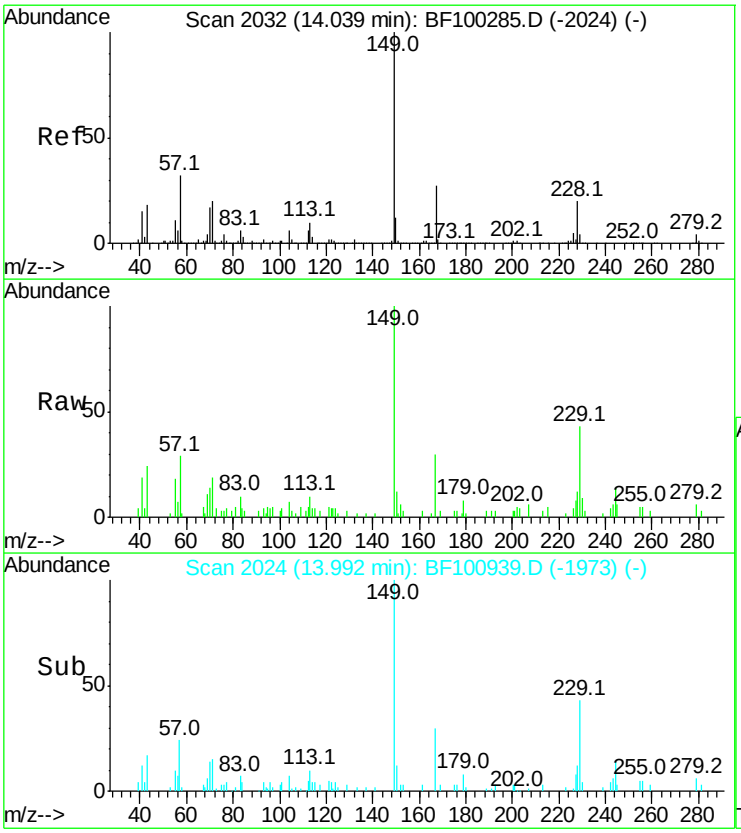
#82
Chrysene
Concen: 10.601 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 88698

Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.0	37.6
229	21.2	16.2	24.4

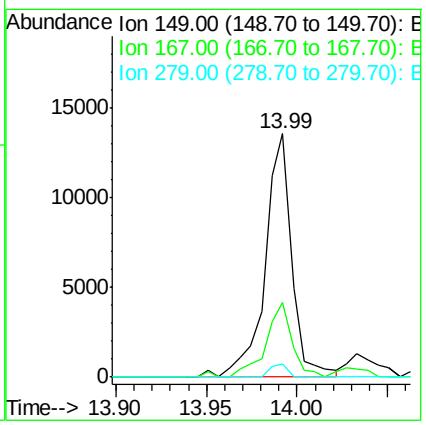


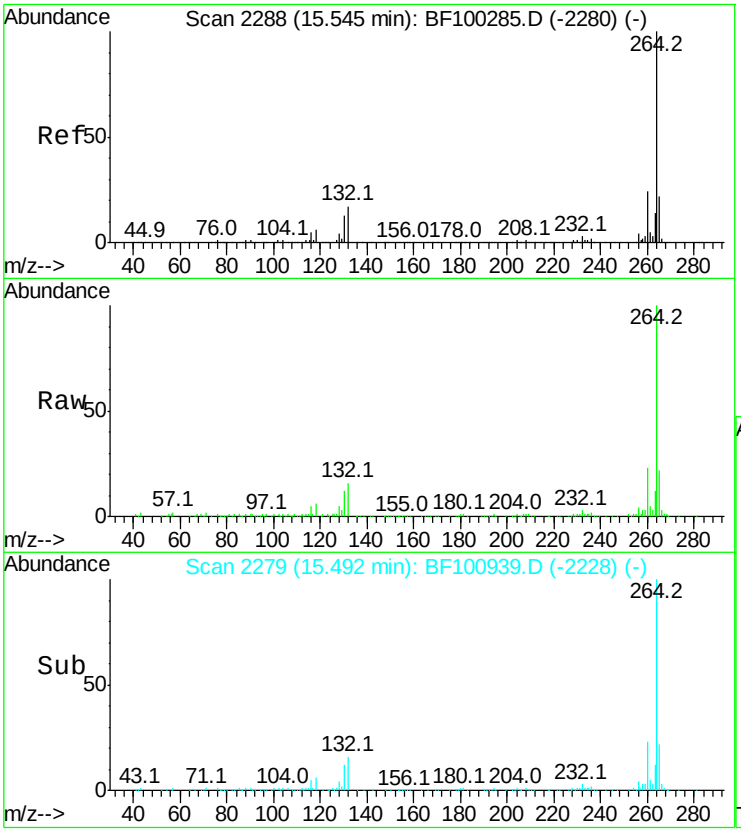


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.545 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:149 Resp: 13962

Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.3	31.9
279	5.6	3.0	4.4#



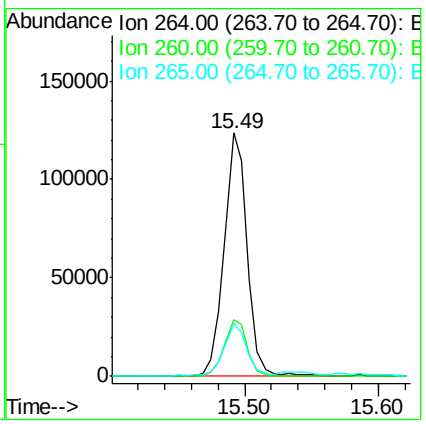


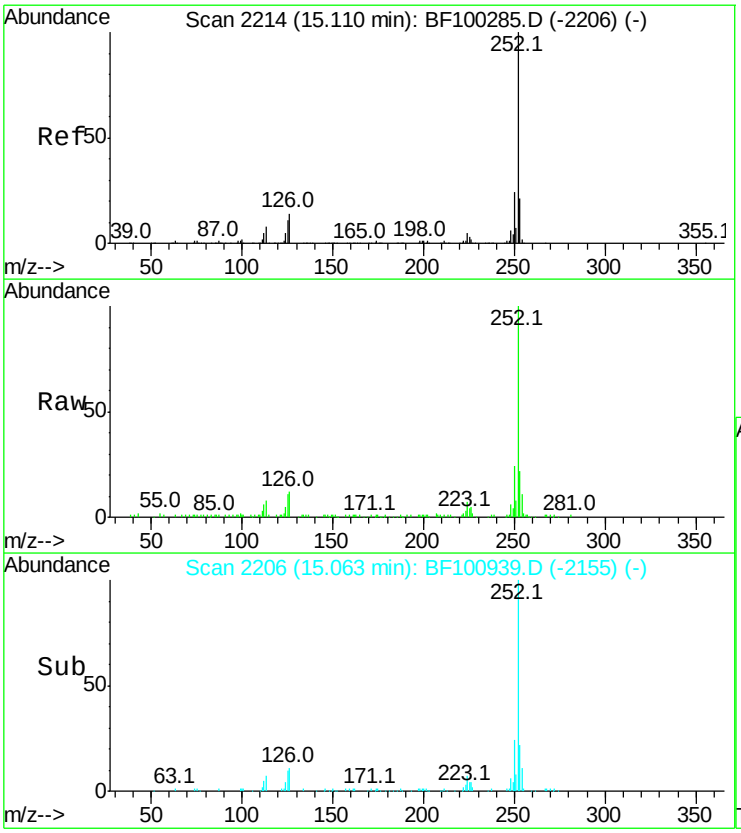
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150134

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

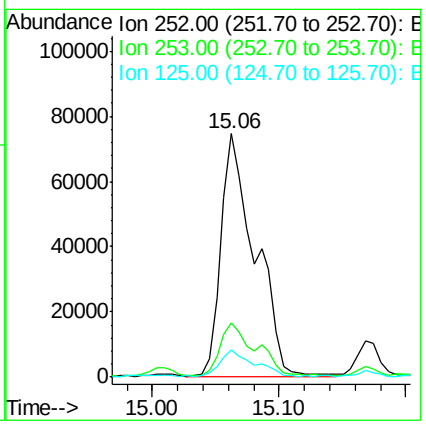


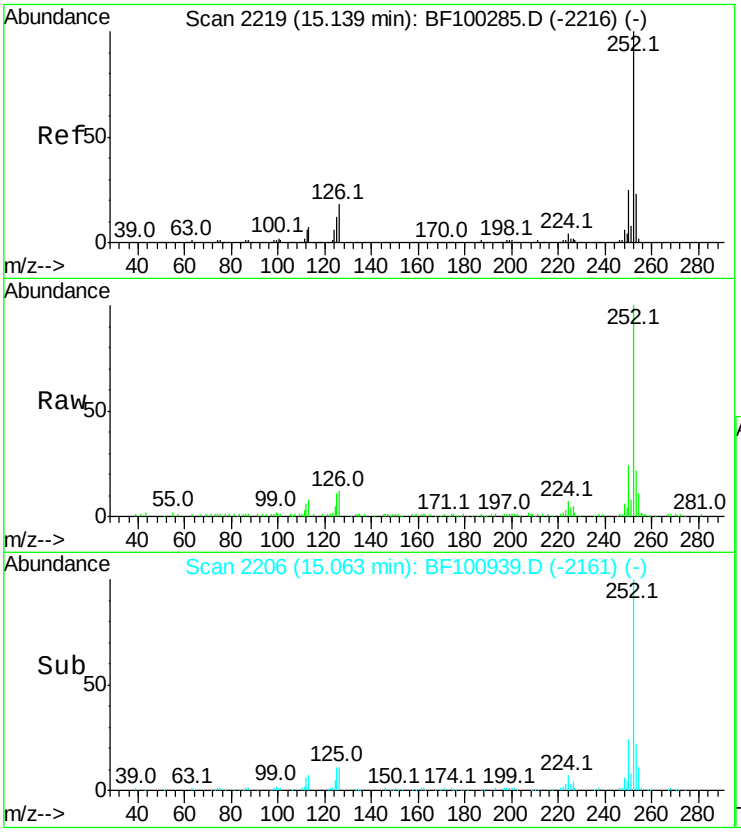


#87
Benzo(b)fluoranthene
Concen: 15.889 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:252 Resp: 141325

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6



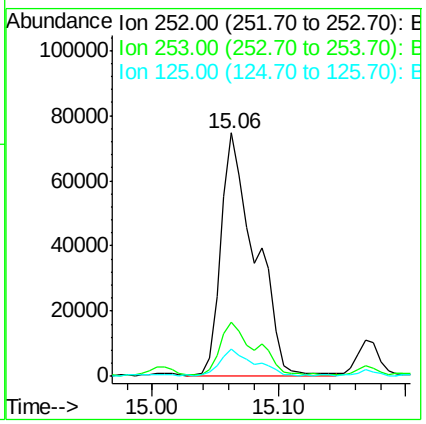


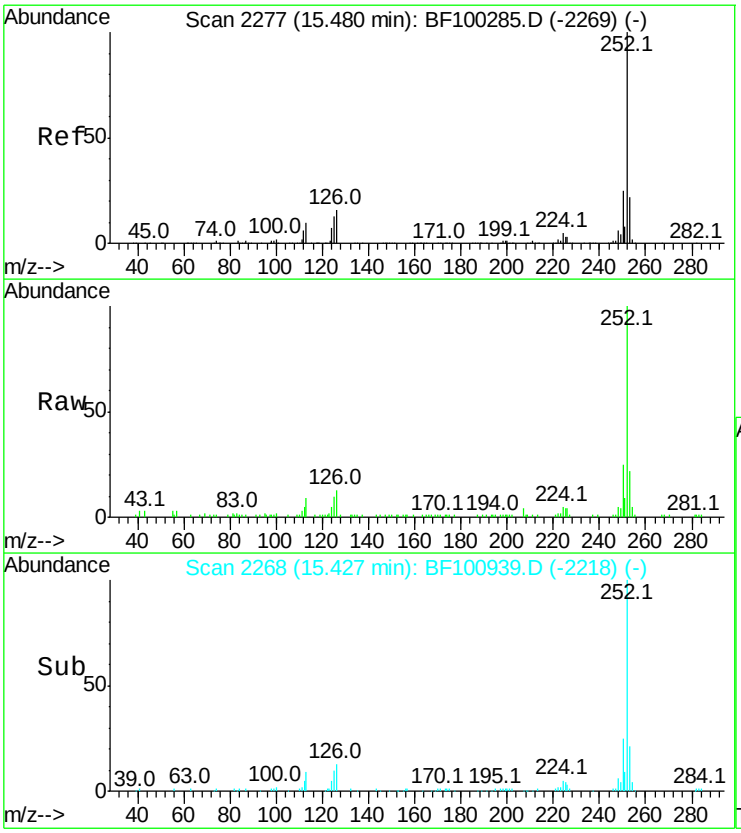
#88
Benzo(k)fluoranthene
Concen: 16.816 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 141325

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.1	10.2	15.2

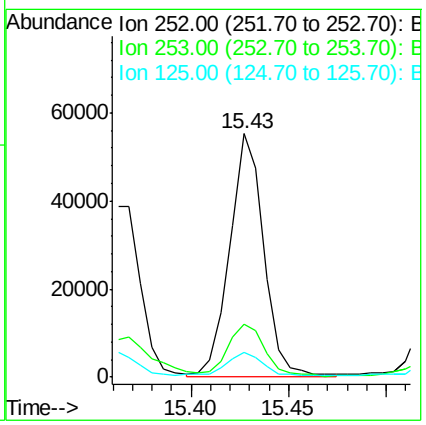


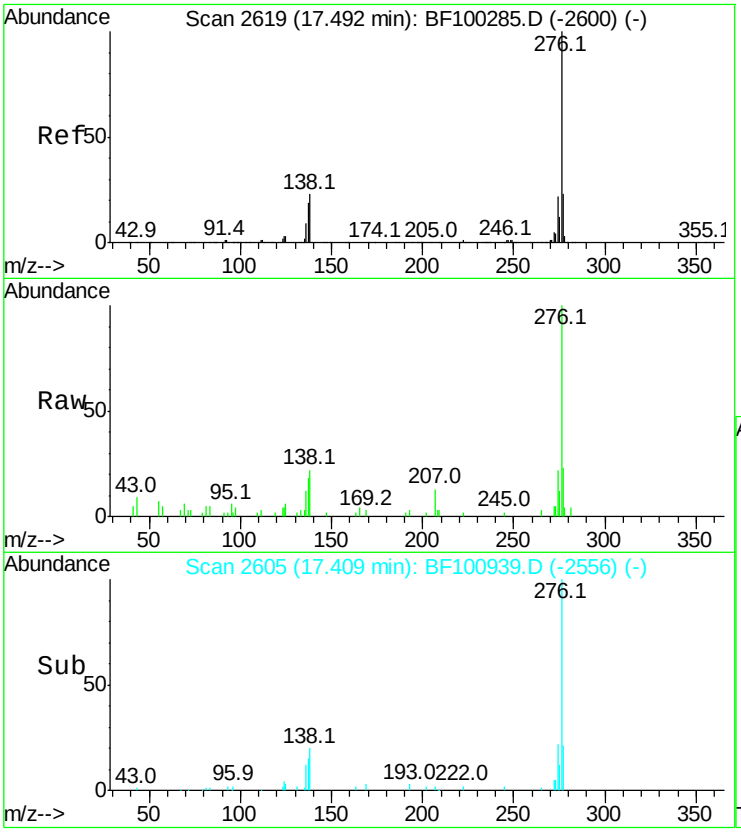


#89
Benzo(a)pyrene
Concen: 8.449 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Tgt Ion:252 Resp: 66622

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF100939.D
Acq: 28 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32085

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	22.1	21.8	32.8