Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100883.D
Acq On : 27 Nov 2017 11:17
Operator : SJ/JU
Sample : I6305-15DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	76088	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	311967	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	152322	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	280803	20.00	ng		0.00
75) Chrysene-d12	14.02	240	171954	20.00	ng		0.00
86) Perylene-d12	15.49	264	159569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	42079	8.87	ng		-0.01
7) Phenol-d6	6.47	99	54437	9.30	ng		-0.02
23) Nitrobenzene-d5	7.42	82	31704	6.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	15488	9.98	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	67842	6.78	ng		-0.01
78) Terphenyl-d14	12.96	244	67071	8.96	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.42	82	31704	3.197	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	18942	8.228	ng	#	26
55) 4-Nitrophenol	10.10	139	9113	4.129	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	18942	6.522	ng	#	24
57) Fluorene	10.44	166	43550	4.403	ng		98
70) Phenanthrene	11.40	178	296807	20.075	ng		99
71) Anthracene	11.46	178	76122	5.075	ng		98
74) Fluoranthene	12.60	202	355755	22.704	ng		94
77) Pyrene	12.83	202	302847	24.707	ng		98
80) Benzo(a)anthracene	14.01	228	120365	11.624	ng		98
82) Chrysene	14.04	228	99662	9.939	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	49022	6.044	ng		91
87) Benzo(b)fluoranthene	15.06	252	146412	15.487	ng		97
88) Benzo(k)fluoranthene	15.06	252	146412	16.391	ng		97
89) Benzo(a)pyrene	15.43	252	80871	9.649	ng		95
90) Dibenzo(a,h)anthracene	16.97	278	13723	2.002	ng		95
91) Benzo(g,h,i)perylene	17.40	276	48610	7.245	ng	#	93

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

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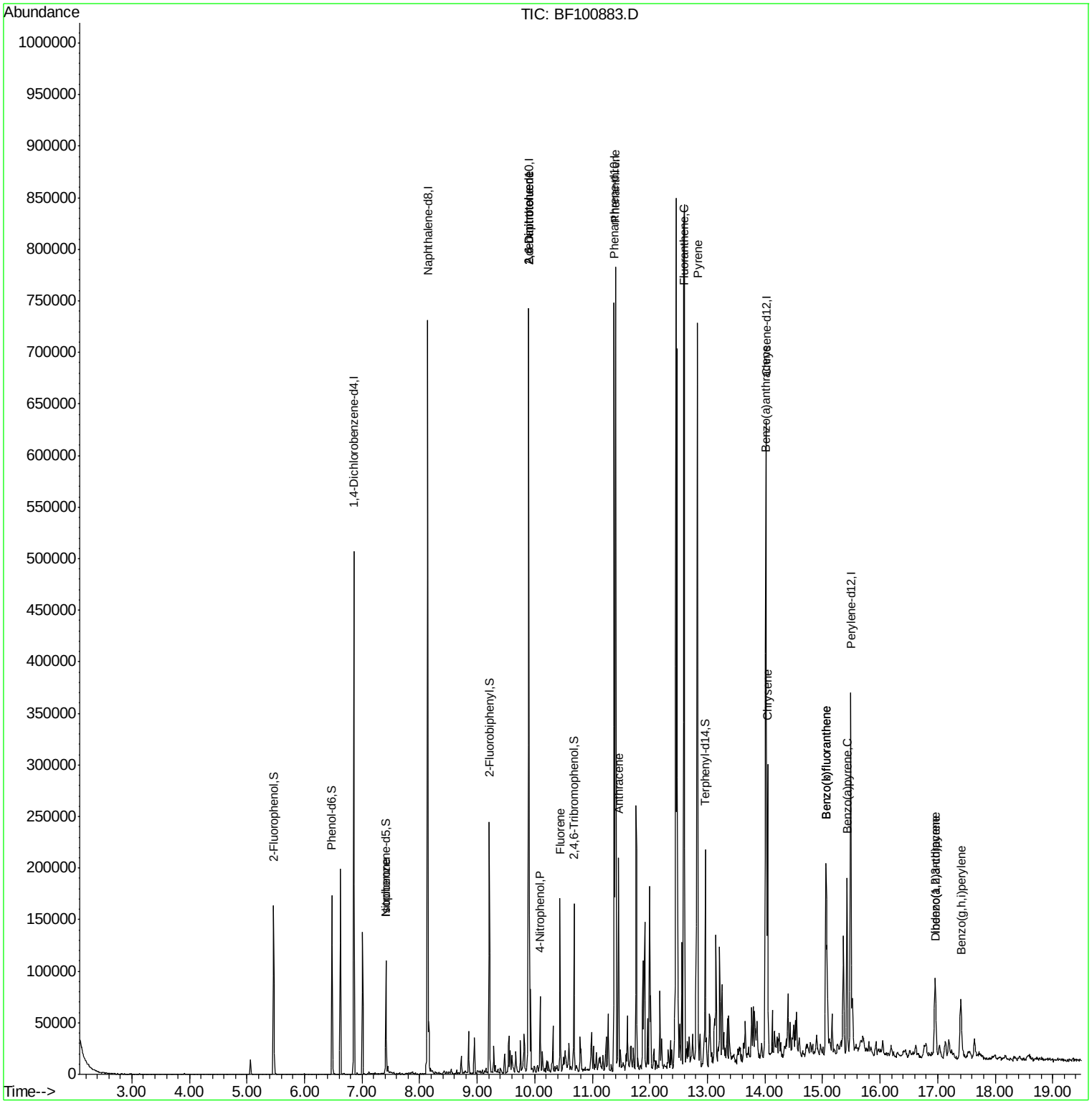
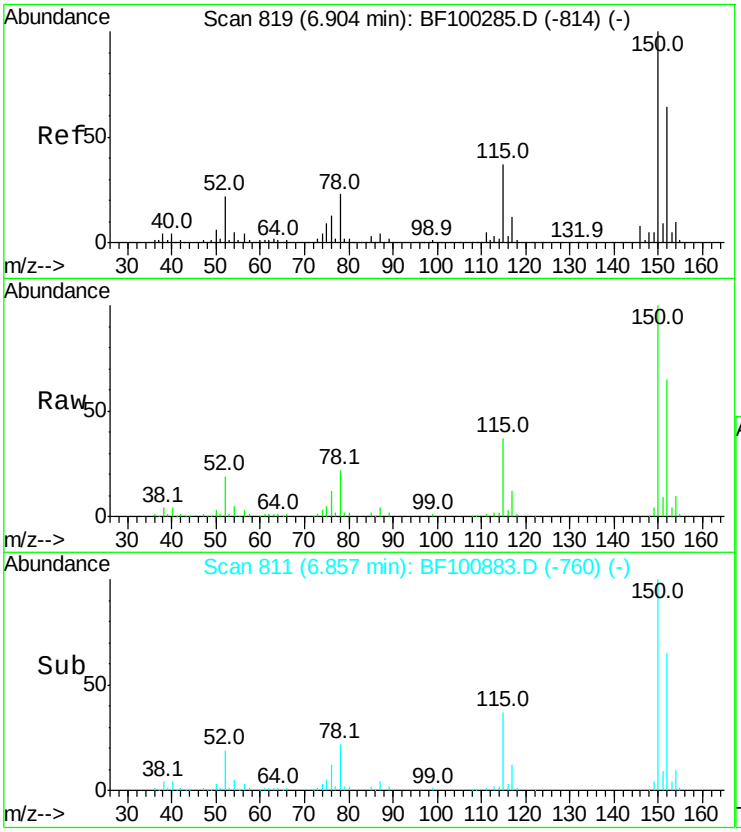


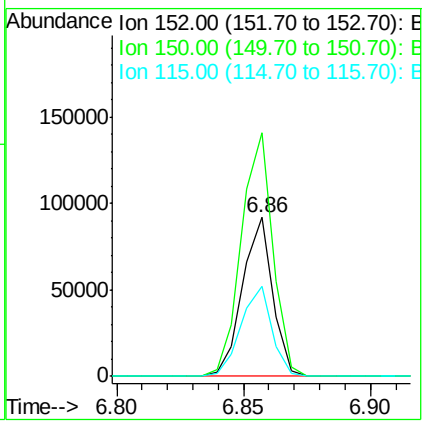


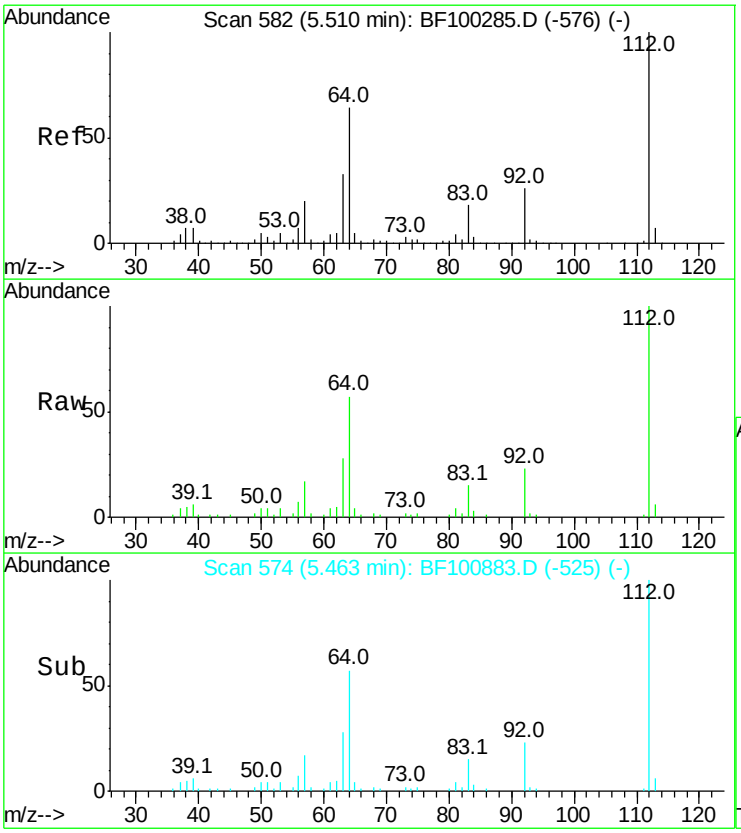
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76088

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.9	50.1	75.1

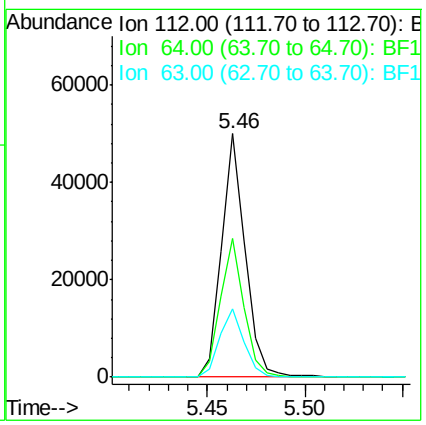


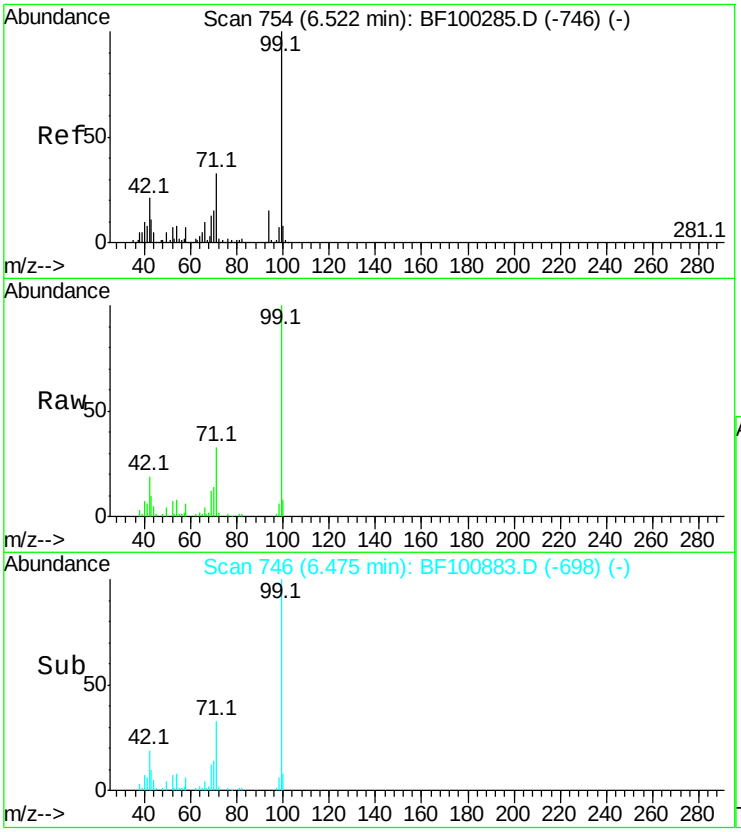


#5
2-Fluorophenol
Concen: 8.865 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:112 Resp: 42079

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.0	23.7	35.5



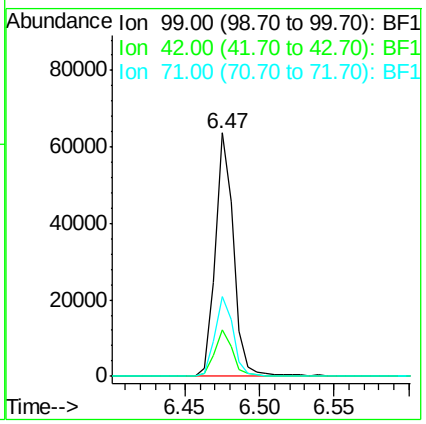


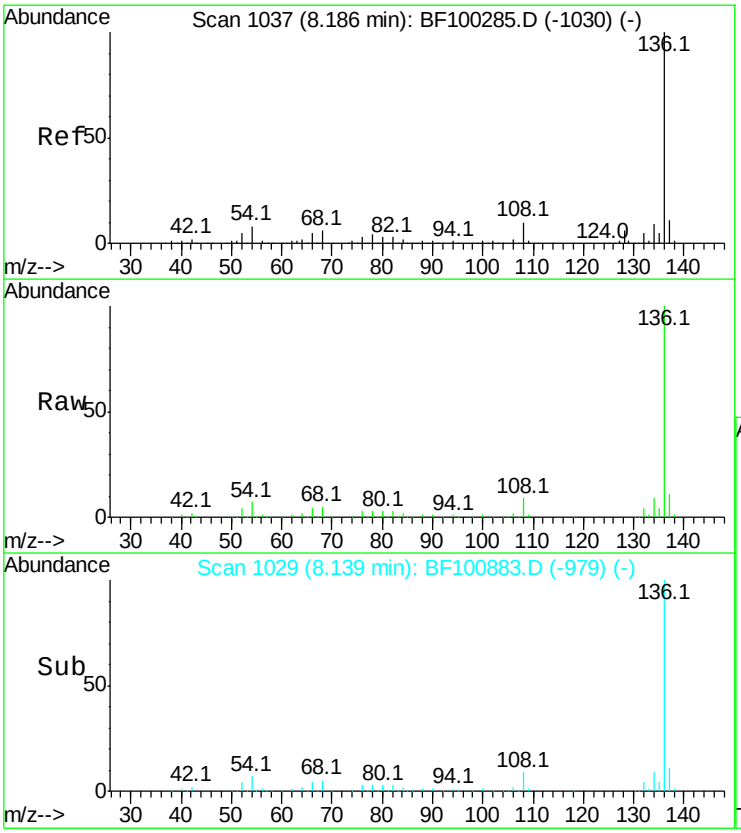
#7
Phenol-d6
Concen: 9.300 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 54437

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.8	25.4	38.0

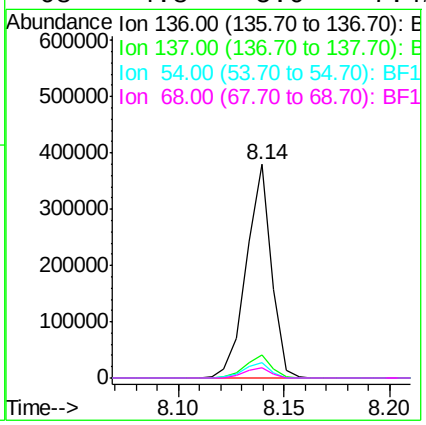


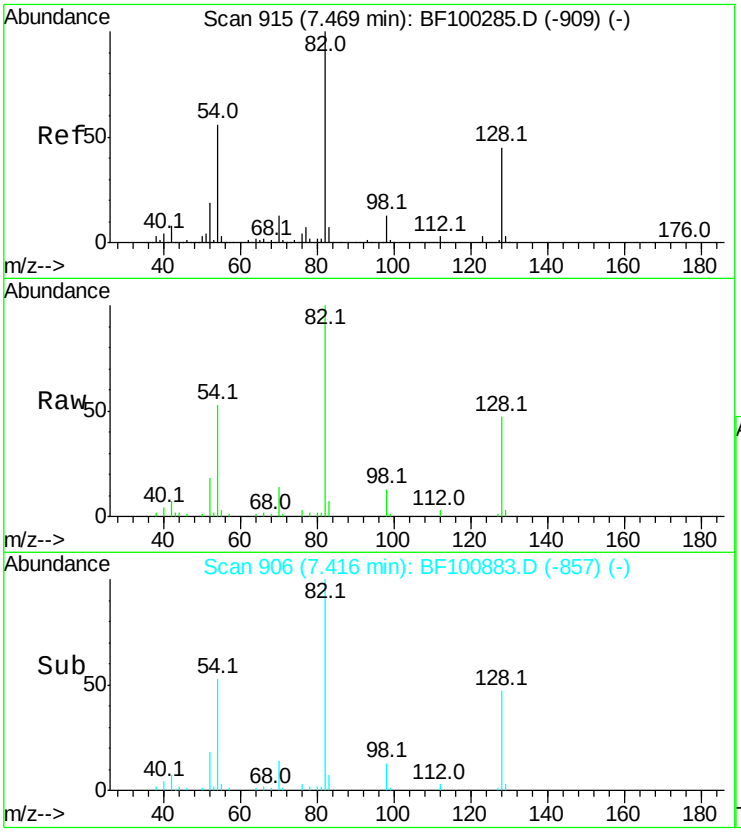


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:136 Resp: 311967

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#



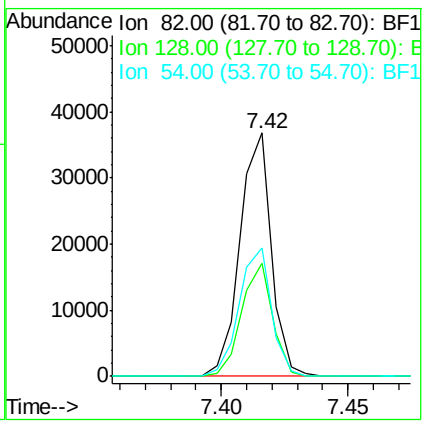


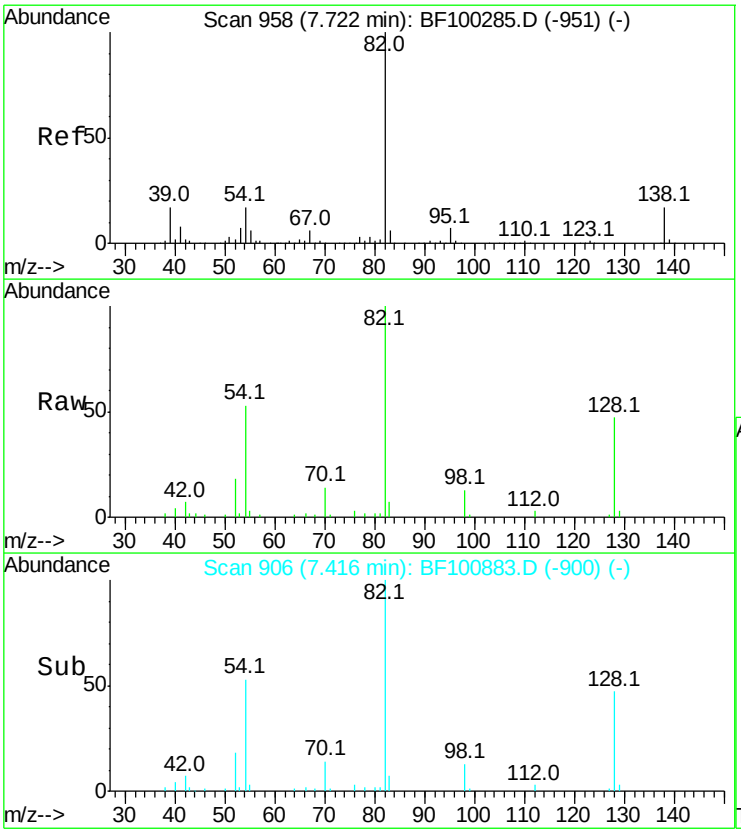
#23
Nitrobenzene-d5
Concen: 6.719 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 31704

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	52.7	41.4	62.2

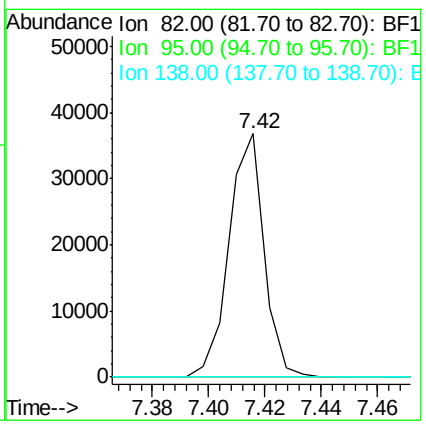


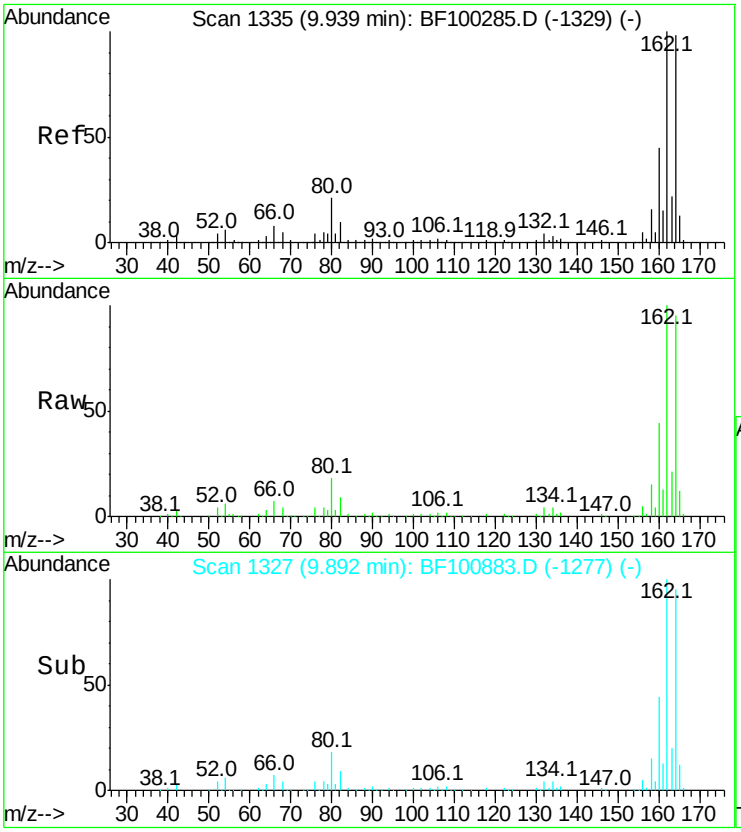


#25
Isophorone
Concen: 3.197 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion: 82 Resp: 31704

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



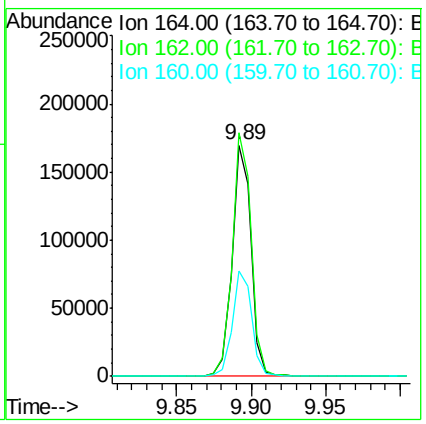


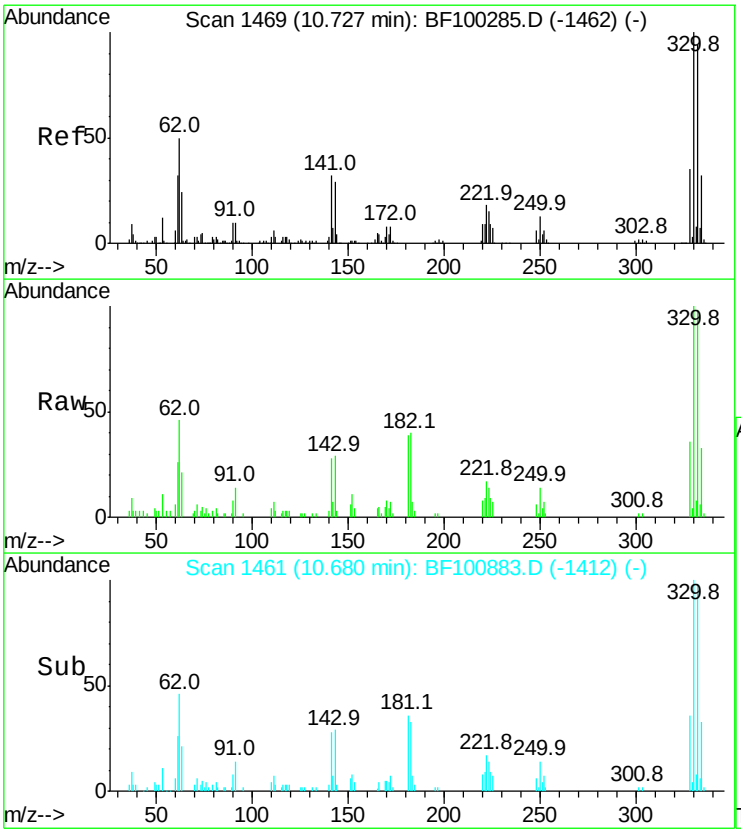
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 152322

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.9	38.3	57.5

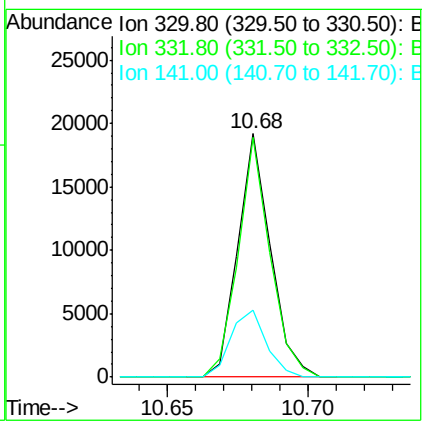


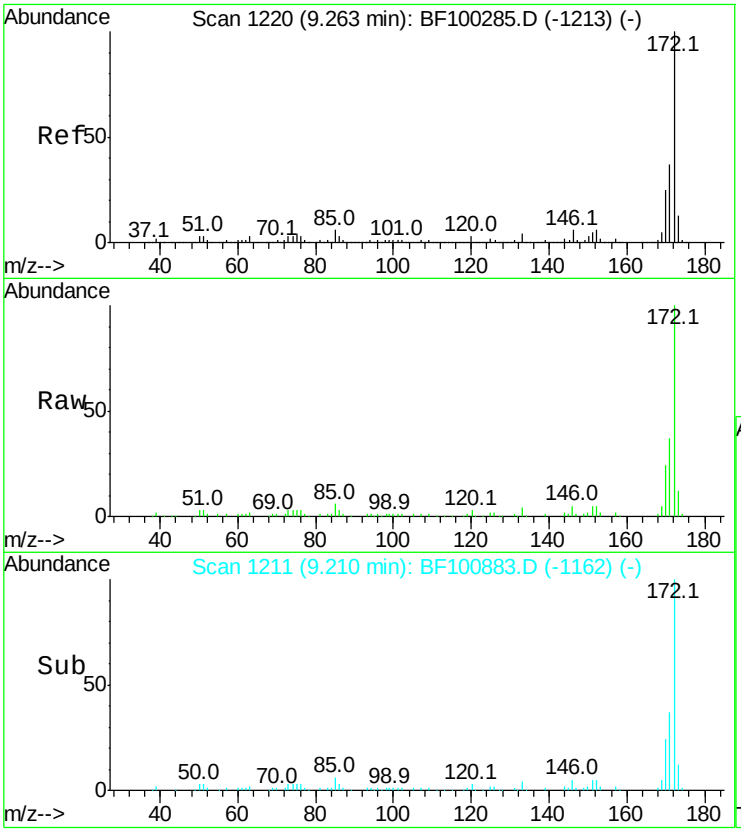


#41
2,4,6-Tribromophenol
Concen: 9.978 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:330 Resp: 15488

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.8	29.9	44.9#



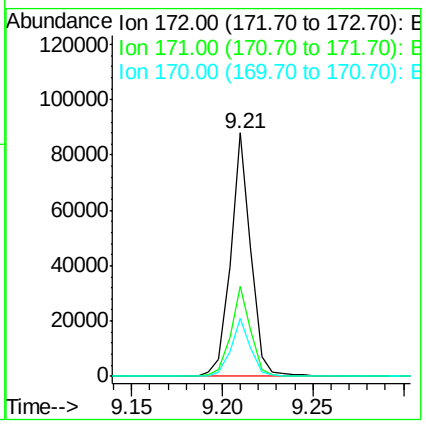


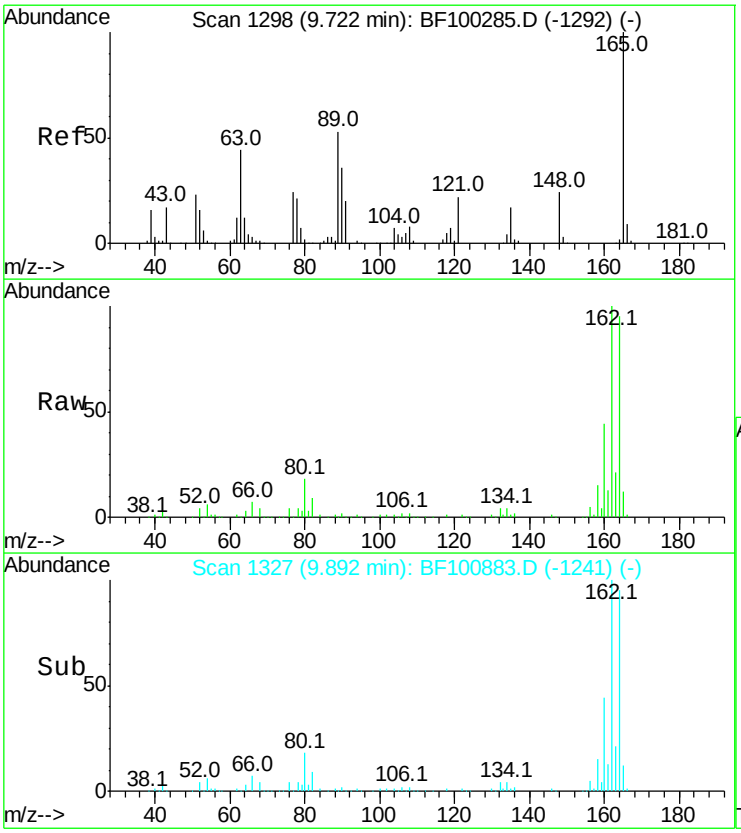
#44
2-Fluorobiphenyl
Concen: 6.782 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 67842

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	23.7	19.6	29.4

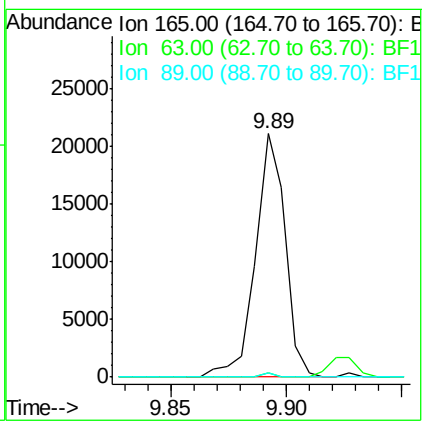


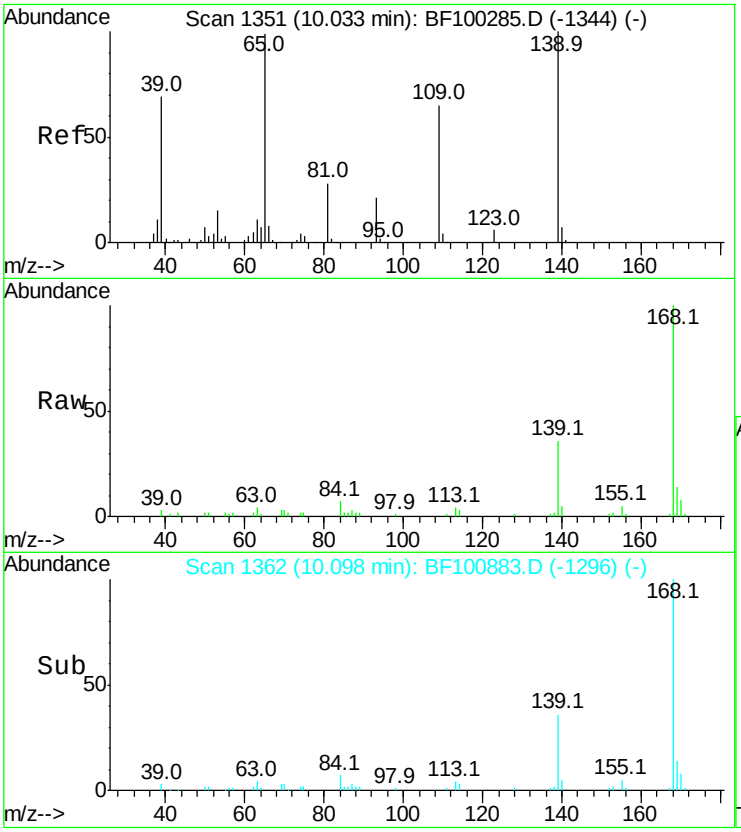


#50
2,6-Dinitrotoluene
Concen: 8.228 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:165 Resp: 18942

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.8	44.0	66.0#



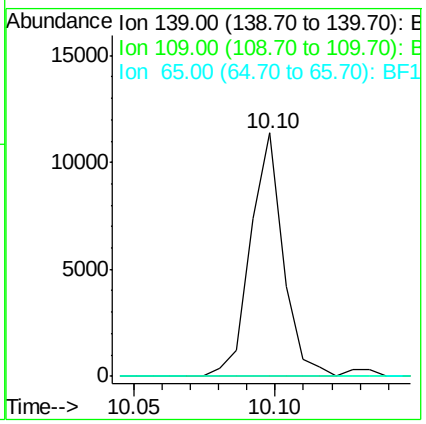


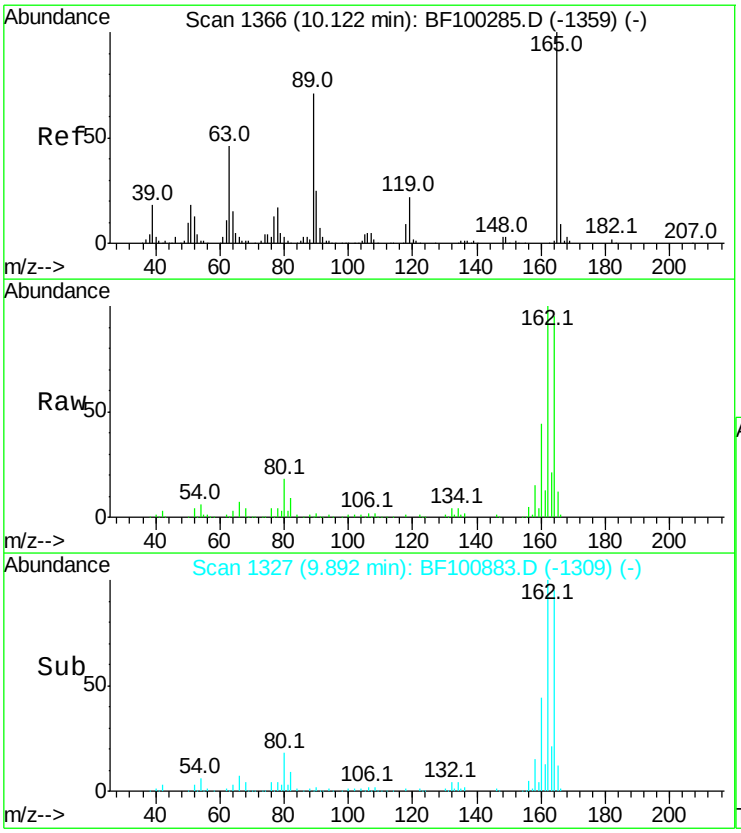
#55
4-Nitrophenol
Concen: 4.129 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9113

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

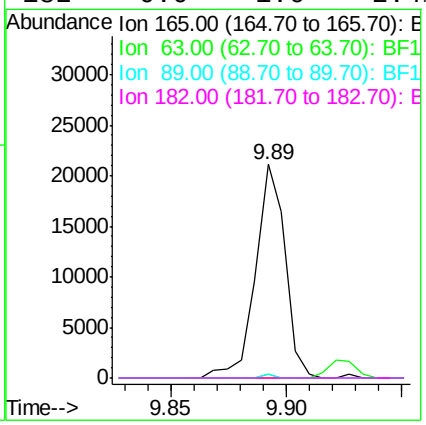


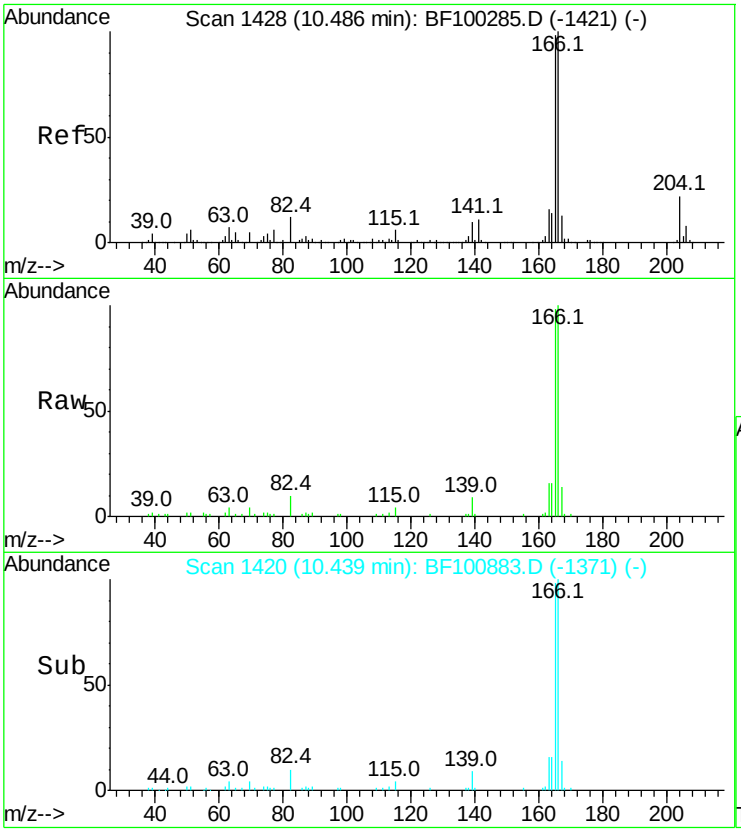


#56
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:165 Resp: 18942

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



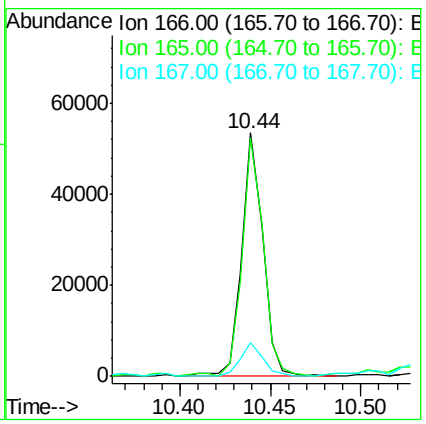


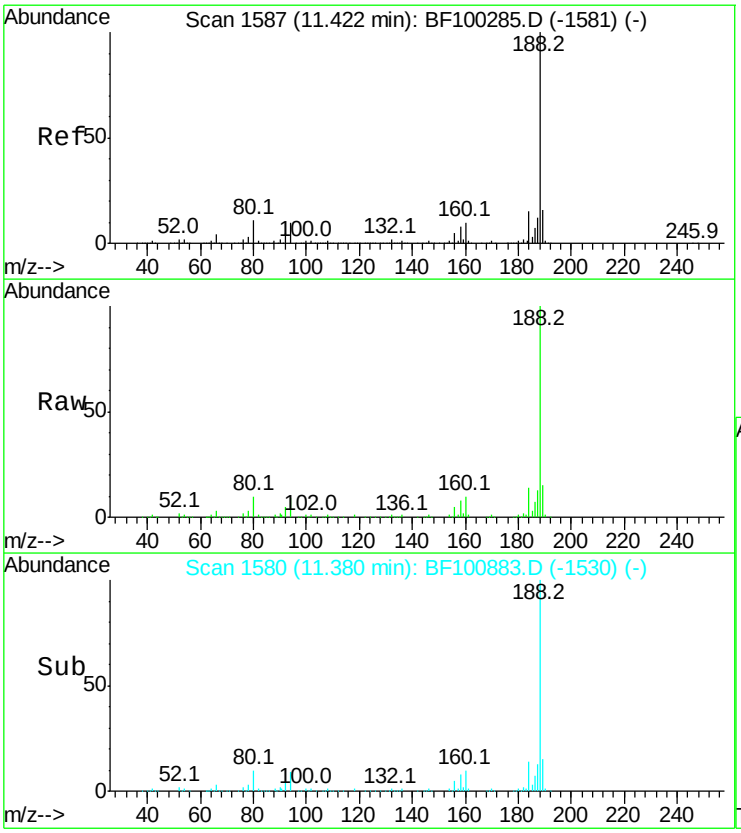
#57
Fluorene
Concen: 4.403 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 43550

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	14.1	10.6	16.0

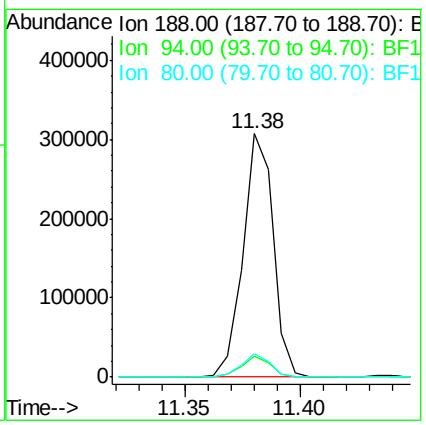


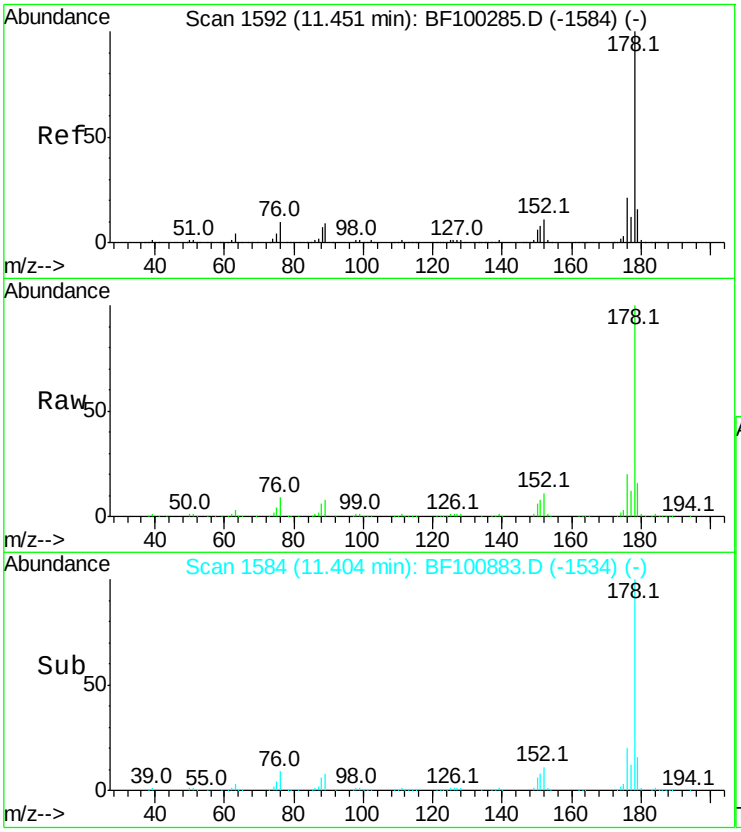


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:188 Resp: 280803

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.6	9.2	13.8



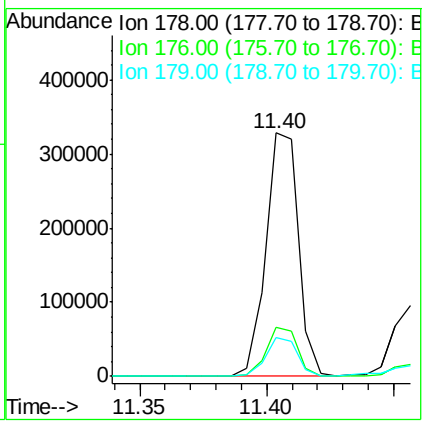


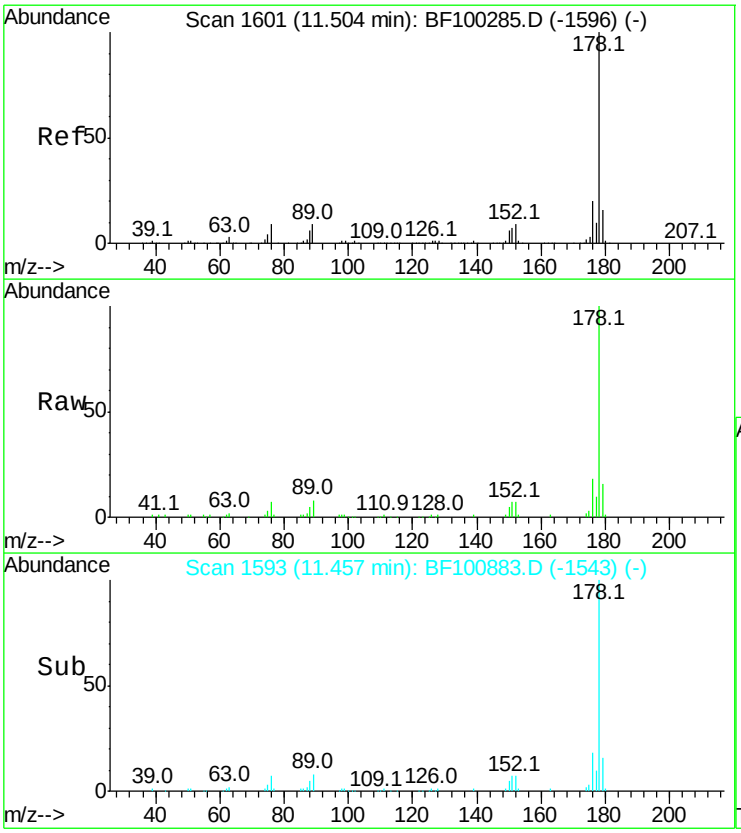
#70
Phenanthrene
Concen: 20.075 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 296807

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6

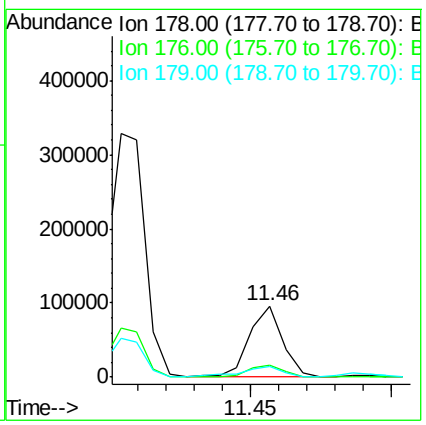


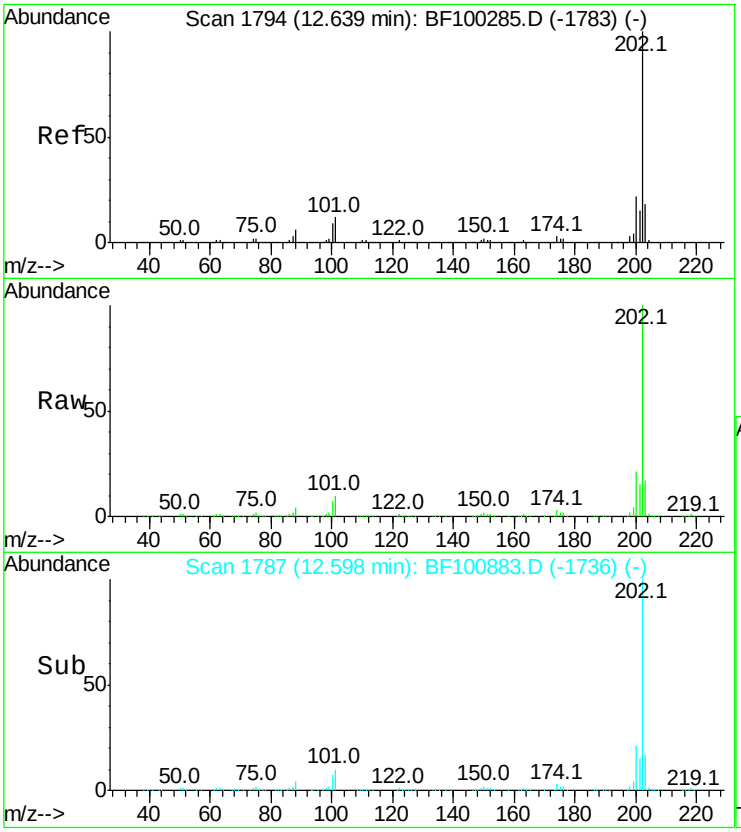


#71
Anthracene
Concen: 5.075 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:178 Resp: 76122

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.5	12.6	19.0



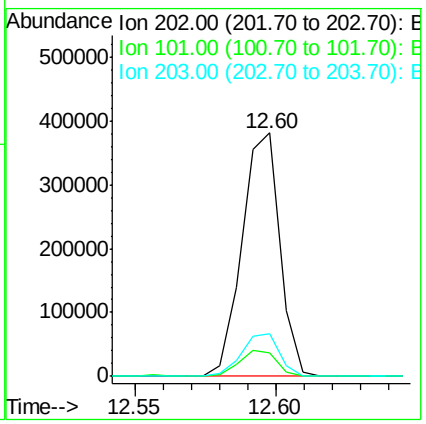


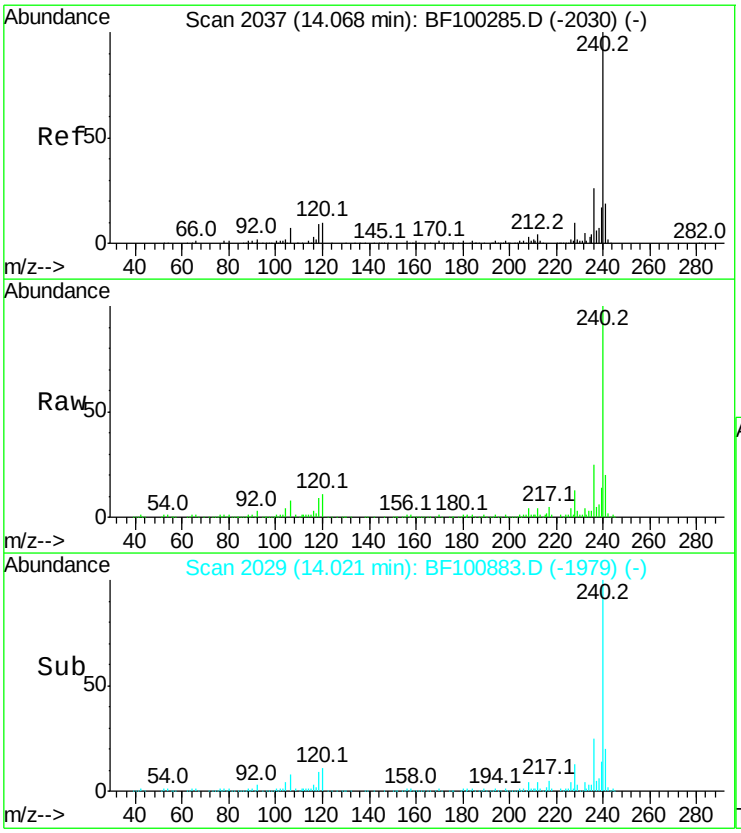
#74
Fluoranthene
Concen: 22.704 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 355755

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.5	0.0	38.1

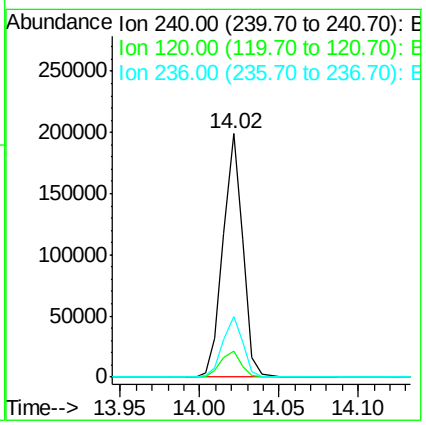


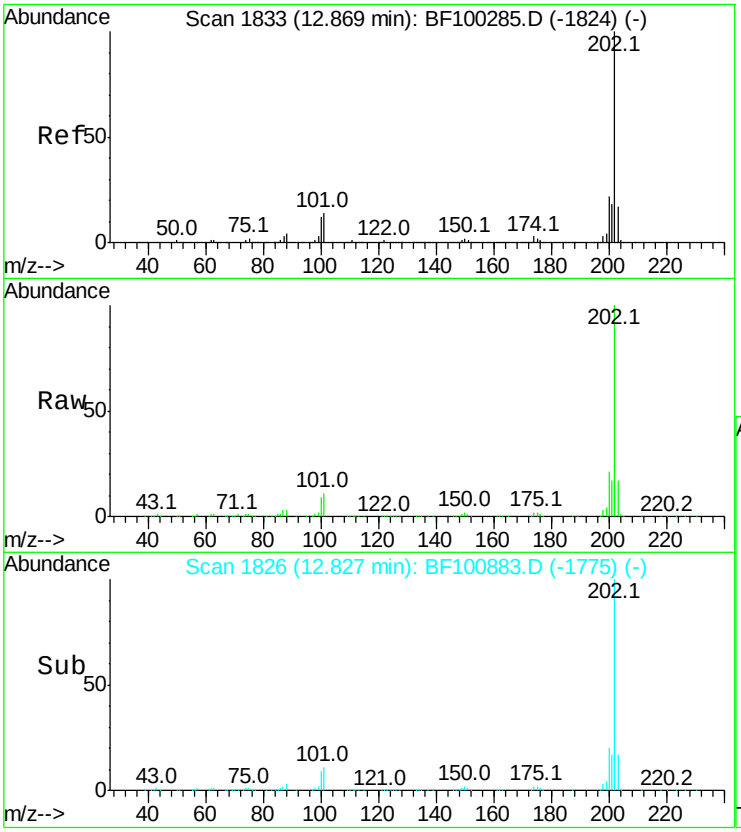


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:240 Resp: 171954

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.0	20.7	31.1



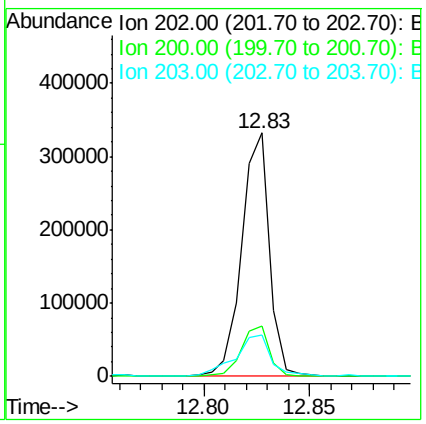


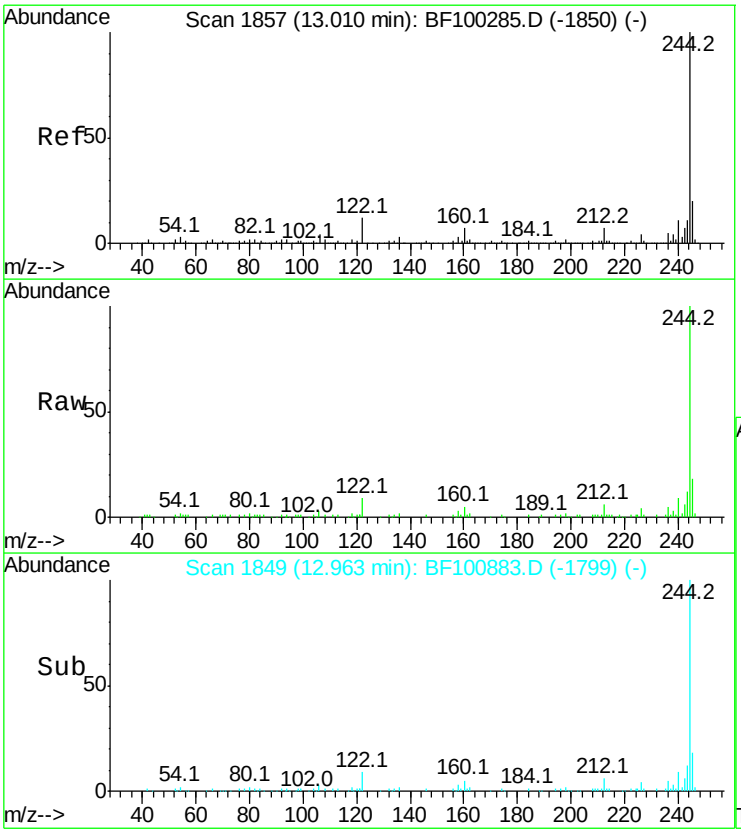
#77
Pyrene
Concen: 24.707 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 302847

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.1	14.3	21.5

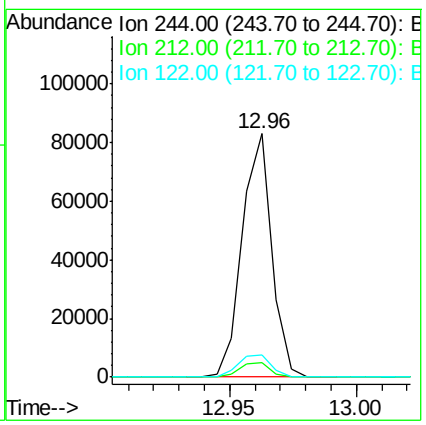


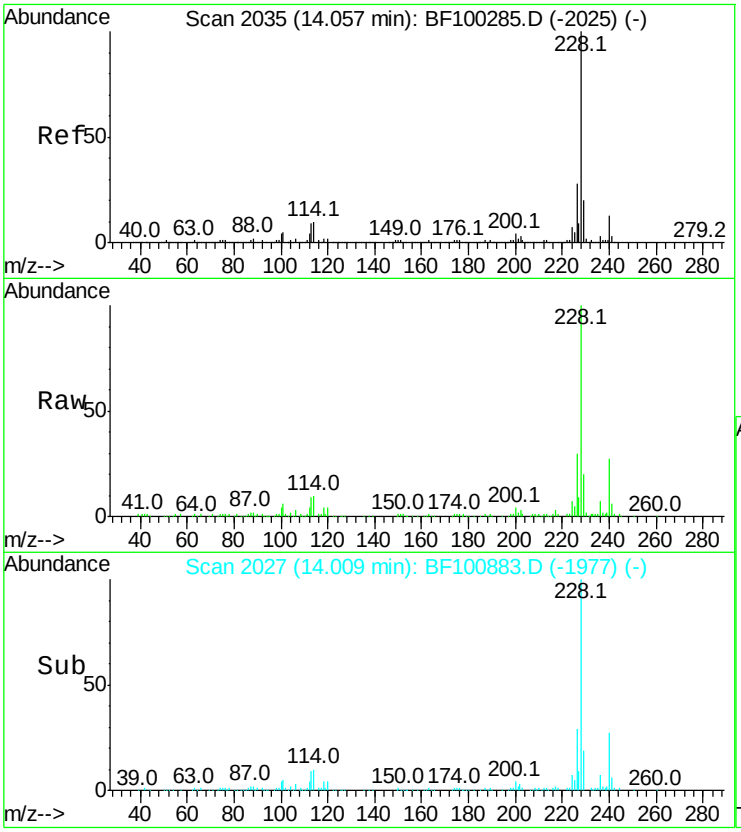


#78
Terphenyl-d14
Concen: 8.962 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:244 Resp: 67071

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.4	8.0
122	9.1	11.0	16.4#



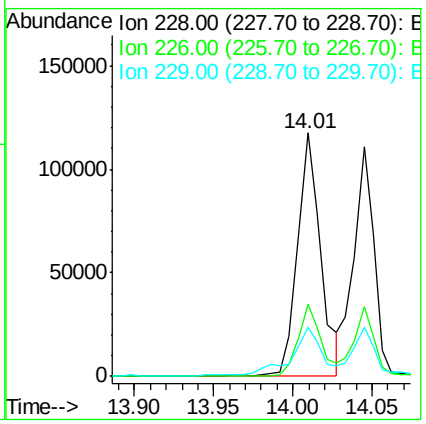


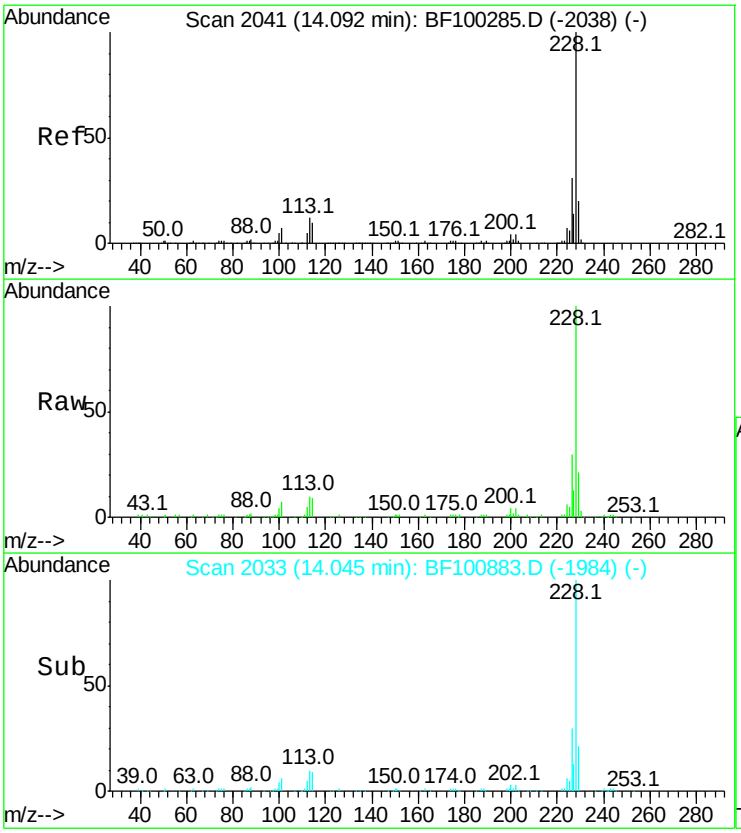
#80
Benzo(a)anthracene
Concen: 11.624 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 120365

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.0	15.8	23.6

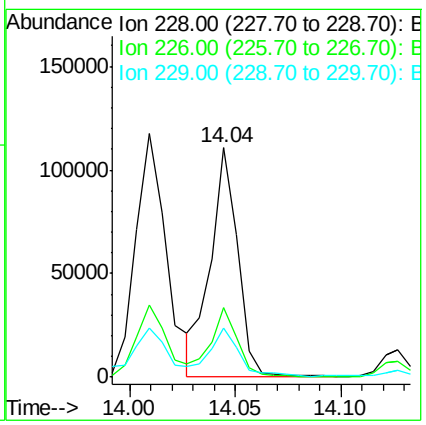


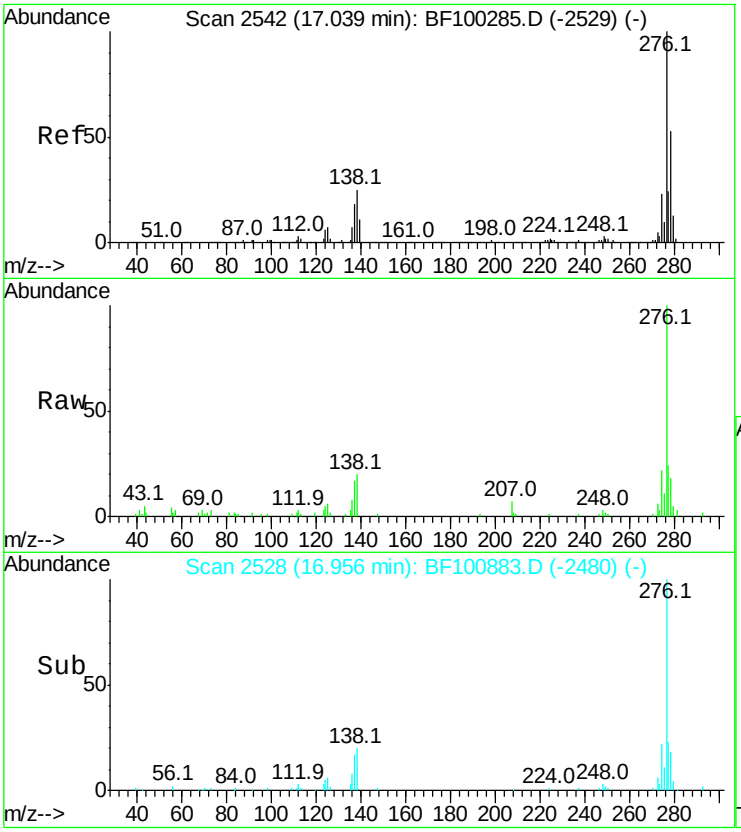


#82
Chrysene
Concen: 9.939 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:228 Resp: 99662

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.4	16.2	24.4



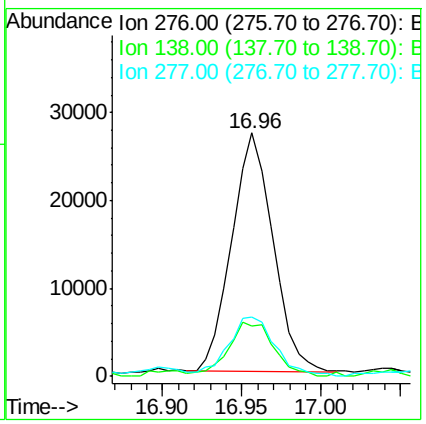


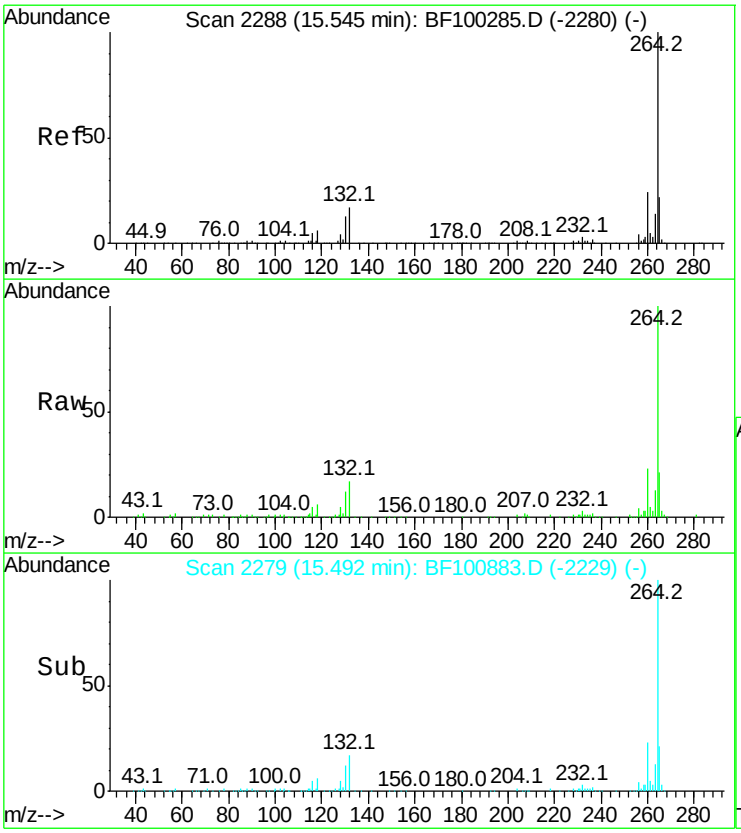
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.044 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49022

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	28.4	20.1	30.1

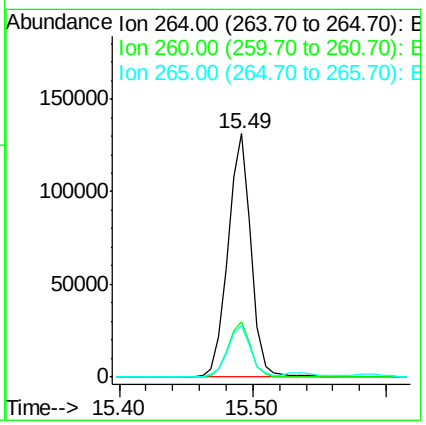


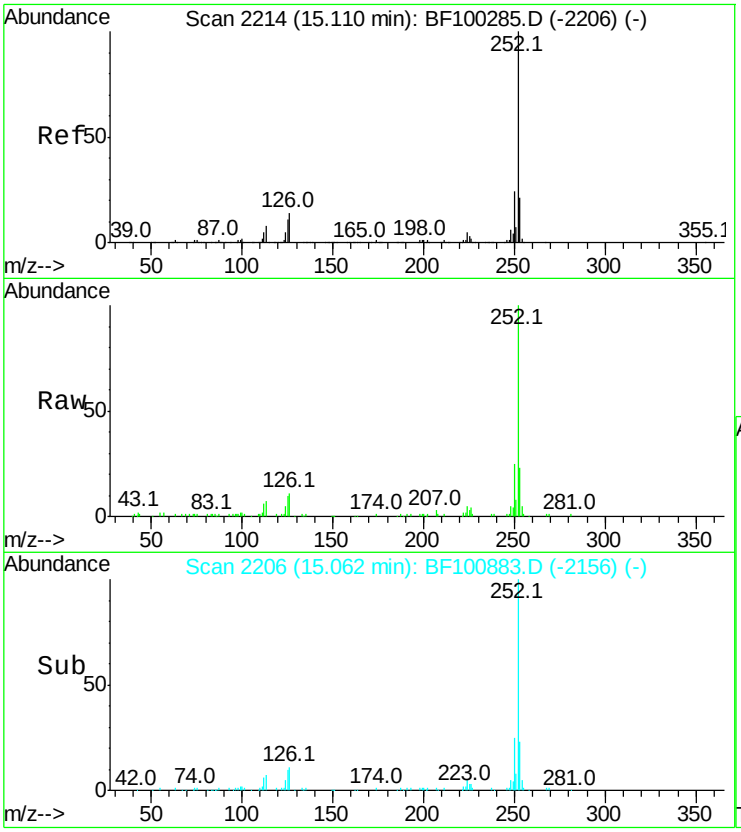


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:264 Resp: 159569

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3



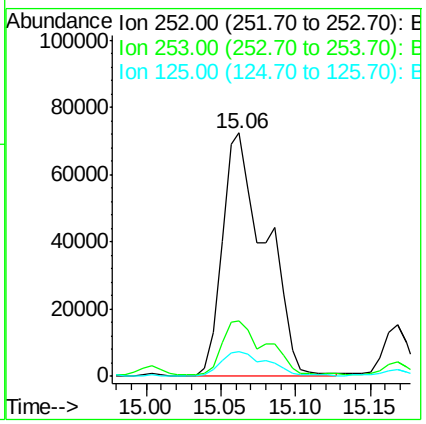


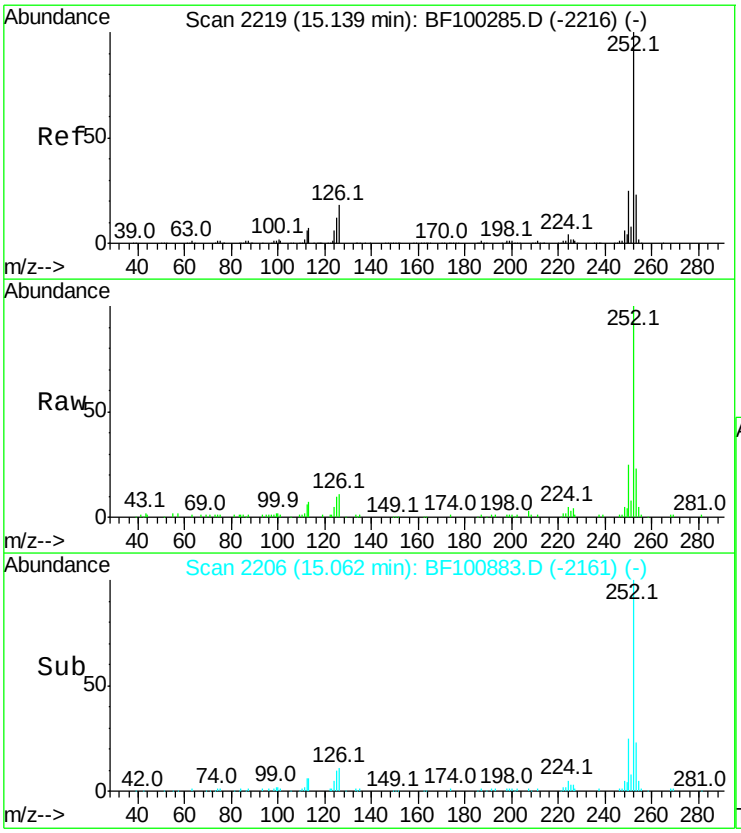
#87
Benzo(b)fluoranthene
Concen: 15.487 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 146412

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.3	9.0	13.6

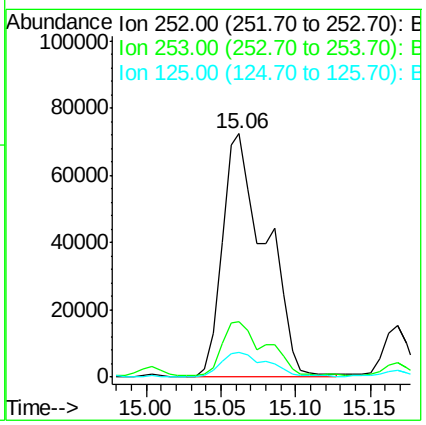


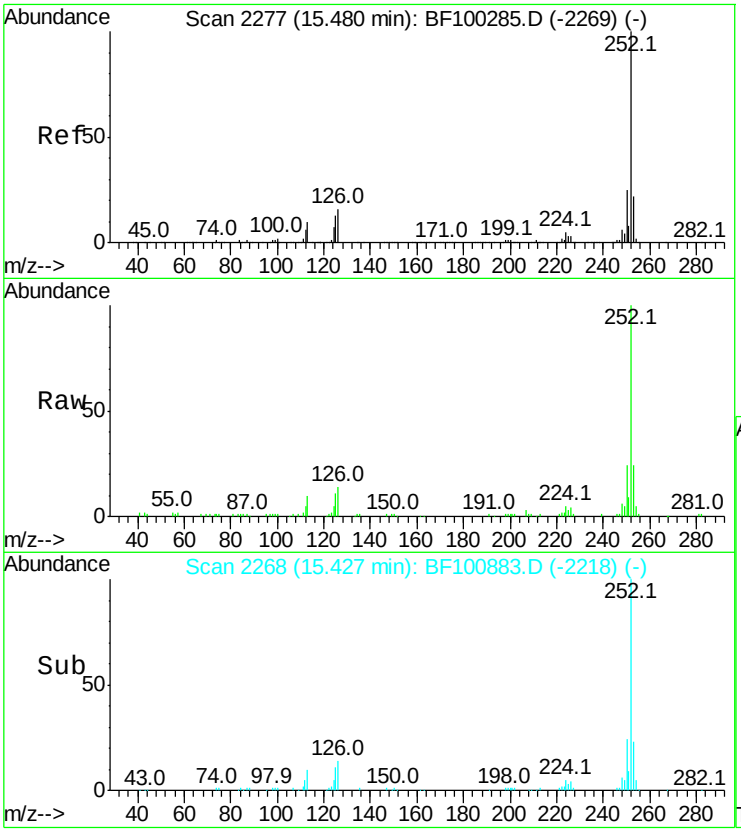


#88
Benzo(k)fluoranthene
Concen: 16.391 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:252 Resp: 146412

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.3	10.2	15.2



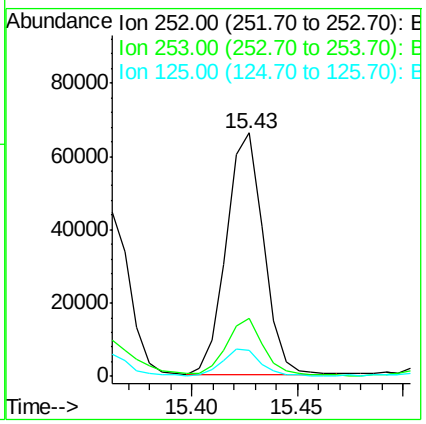


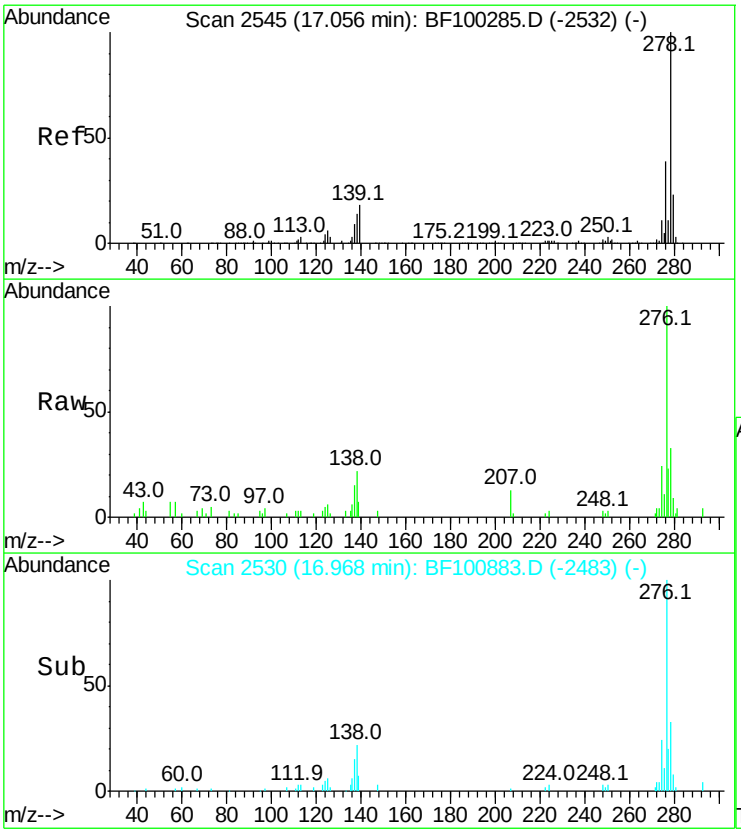
#89
Benzo(a)pyrene
Concen: 9.649 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 80871

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.9	9.8	14.6

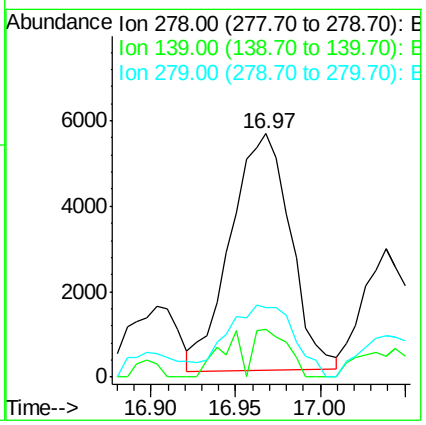


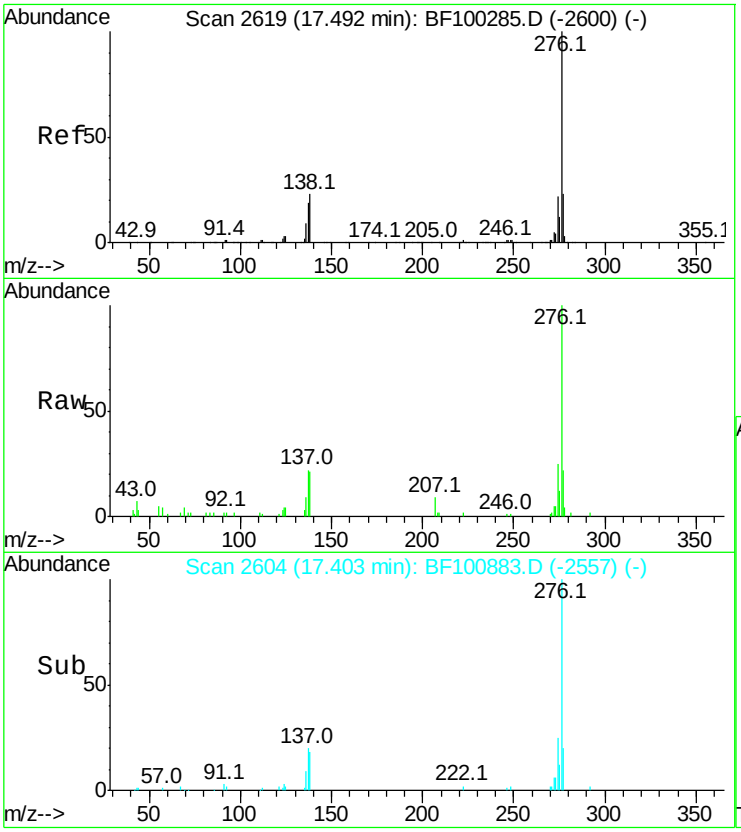


#90
Dibenzo(a,h)anthracene
Concen: 2.002 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Tgt Ion:278 Resp: 13723

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.9	23.9
279	28.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 7.245 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF100883.D
Acq: 27 Nov 2017 11:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48610

Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	20.9	21.8	32.8#