Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103236.D
Acq On : 26 Feb 2018 23:43
Operator : SJ/JU
Sample : J1691-25 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 27 02:26:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143148	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	597431	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	241003	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	363296	20.00	ng		0.00
75) Chrysene-d12	14.06	240	245053	20.00	ng		0.00
86) Perylene-d12	15.56	264	179643	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	161054	17.02	ng		0.00
7) Phenol-d6	6.50	99	192307	16.60	ng		0.00
23) Nitrobenzene-d5	7.43	82	100194	9.58	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	27029	13.25	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	200242	9.77	ng		0.00
78) Terphenyl-d14	12.99	244	140865	13.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	3515	Below Cal			96
25) Isophorone	7.43	82	100194	4.86	ng	#	64
50) 2,6-Dinitrotoluene	9.92	165	31712	7.82	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	31713	6.18	ng	#	23
70) Phenanthrene	11.43	178	149787	7.49	ng		99
74) Fluoranthene	12.62	202	241629	12.03	ng		96
77) Pyrene	12.86	202	225369	11.80	ng		100
80) Benzo(a)anthracene	14.05	228	103876	6.53	ng		99
82) Chrysene	14.08	228	92839	6.01	ng		97
85) Indeno(1,2,3-cd)pyrene	17.08	276	32127	2.63	ng		96
87) Benzo(b)fluoranthene	15.12	252	114300	9.68	ng	#	86
88) Benzo(k)fluoranthene	15.12	252	114300	10.28	ng	#	89
89) Benzo(a)pyrene	15.49	252	57301	5.43	ng	#	86
91) Benzo(g,h,i)perylene	17.54	276	29284	3.68	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103236.D
Acq On : 26 Feb 2018 23:43
Operator : SJ/JU
Sample : J1691-25 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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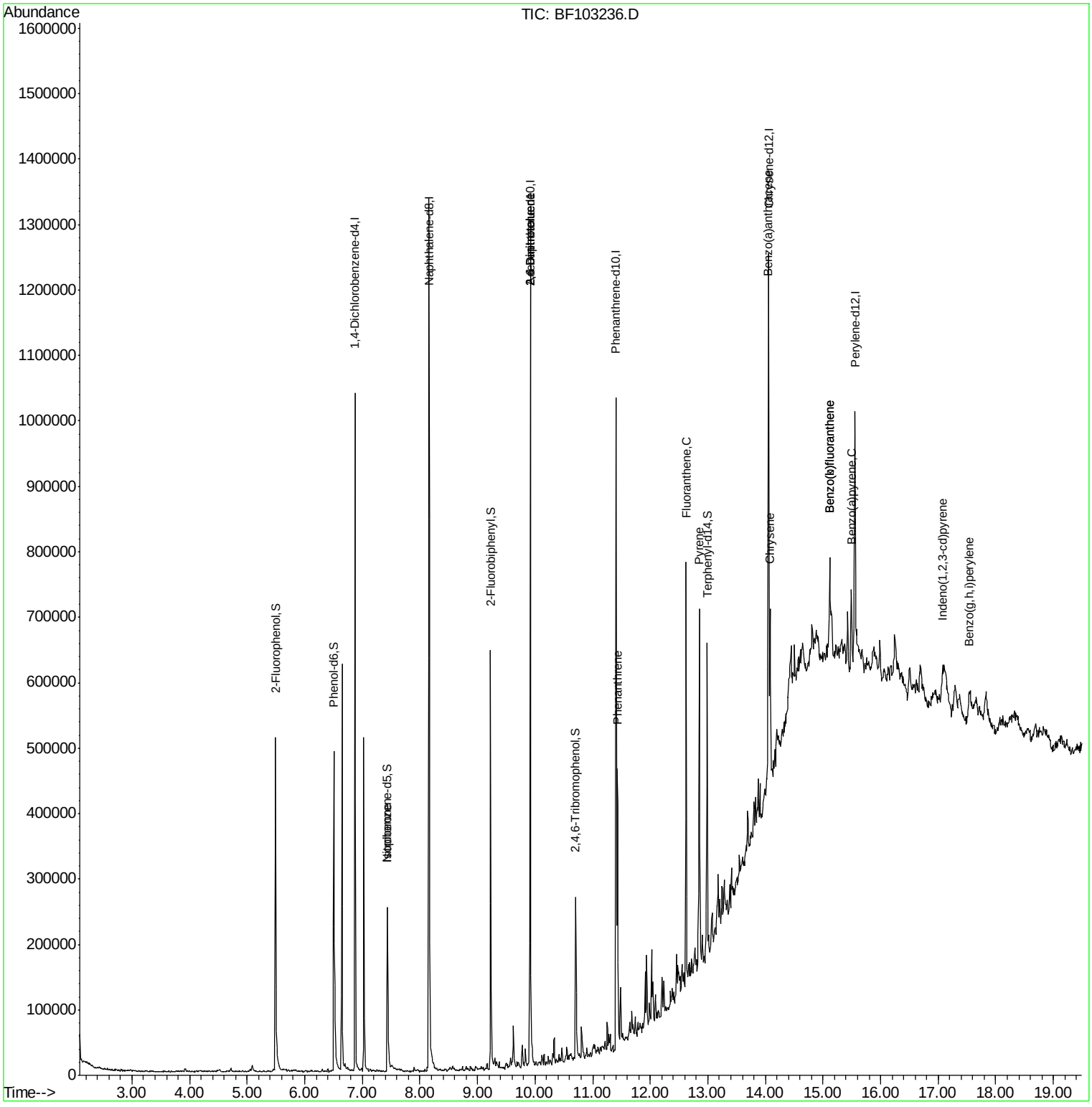
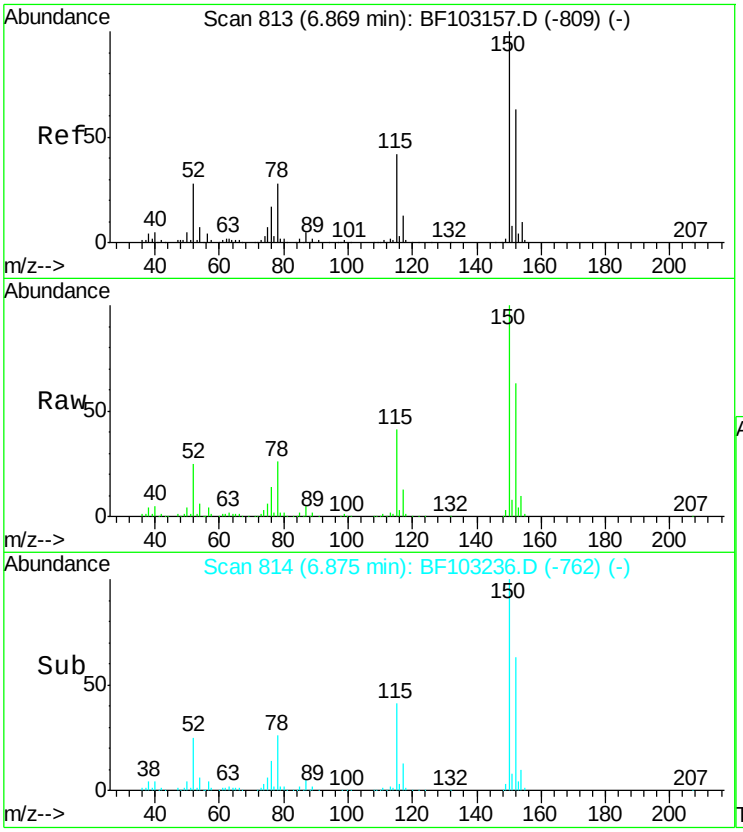
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration



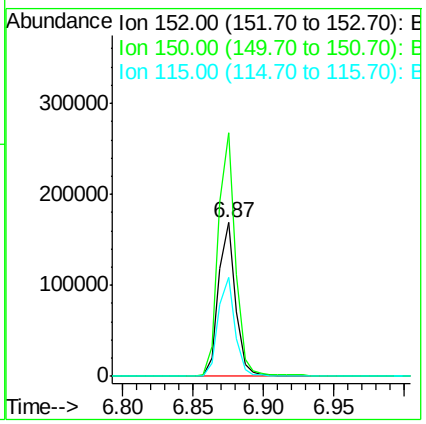


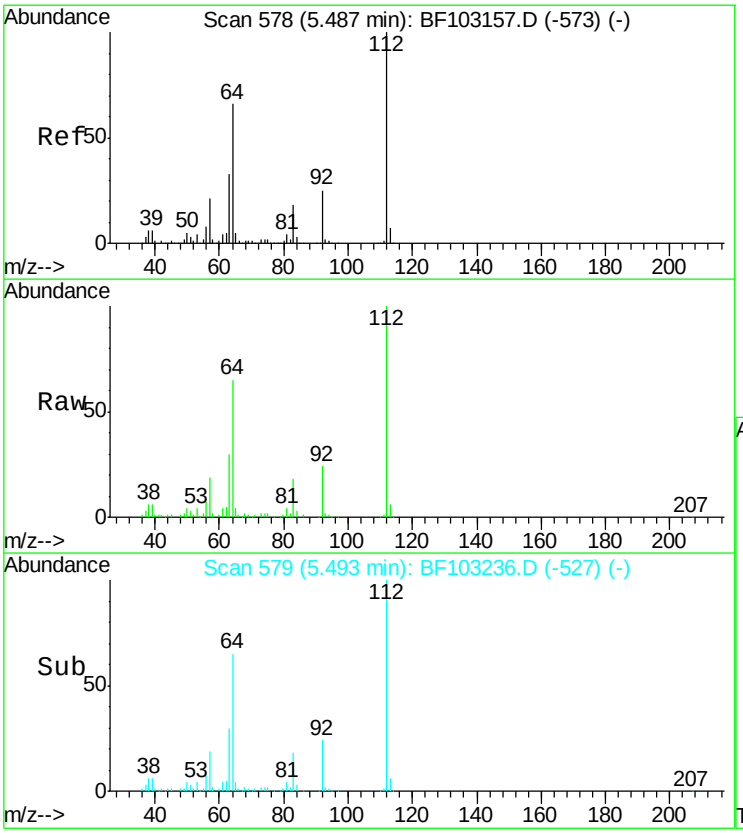
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143148

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	64.4	50.1	75.1

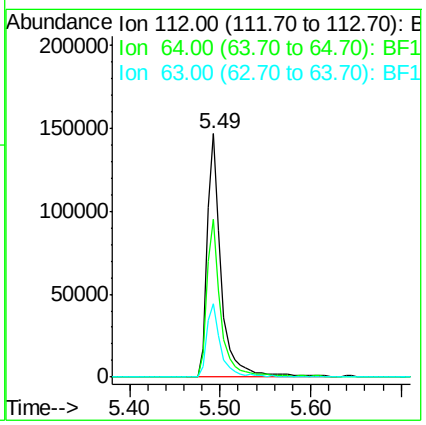


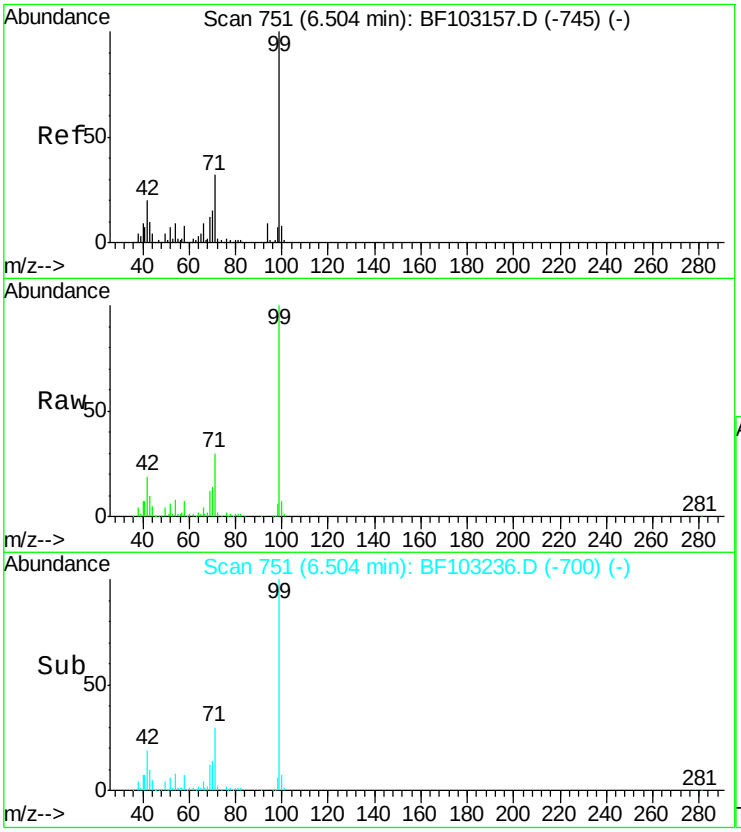


#5
2-Fluorophenol
Concen: 17.02 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:112 Resp: 161054

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	30.3	23.7	35.5



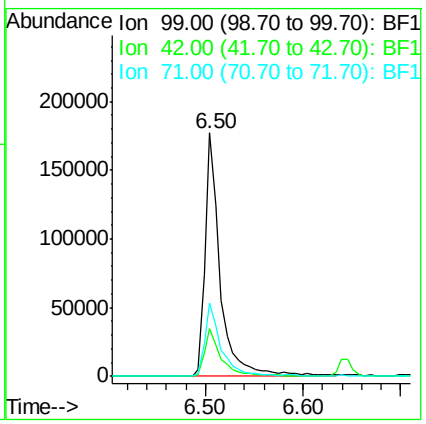


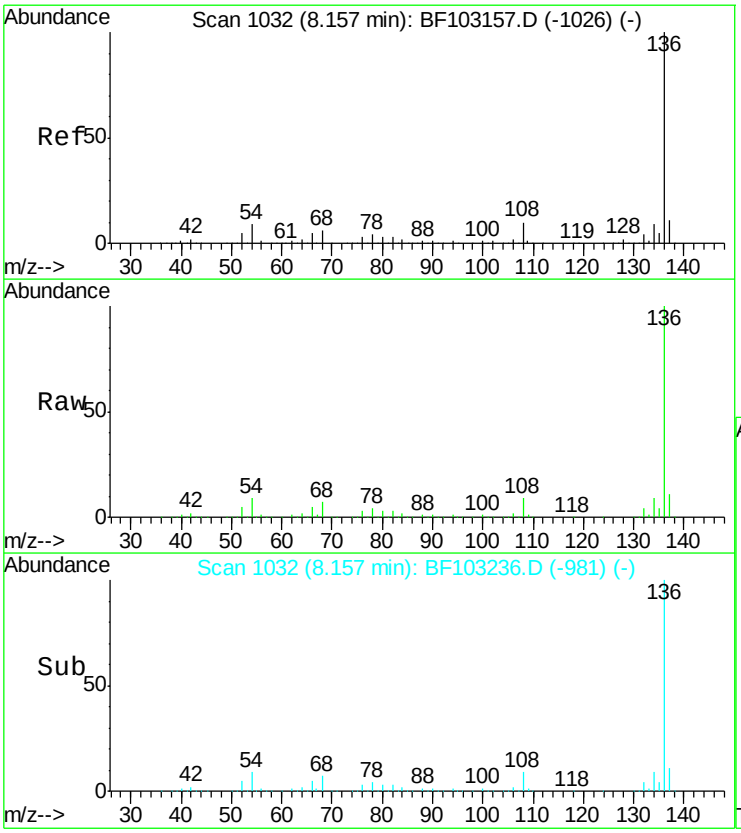
#7
Phenol-d6
Concen: 16.60 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 192307

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	30.1	25.4	38.0

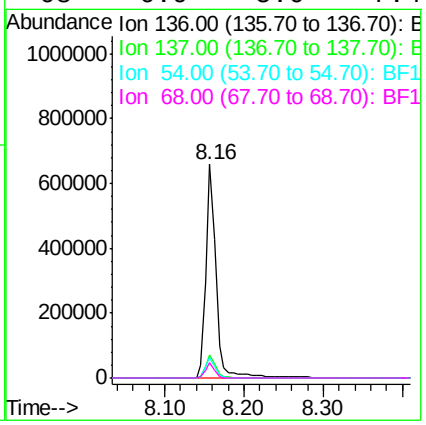


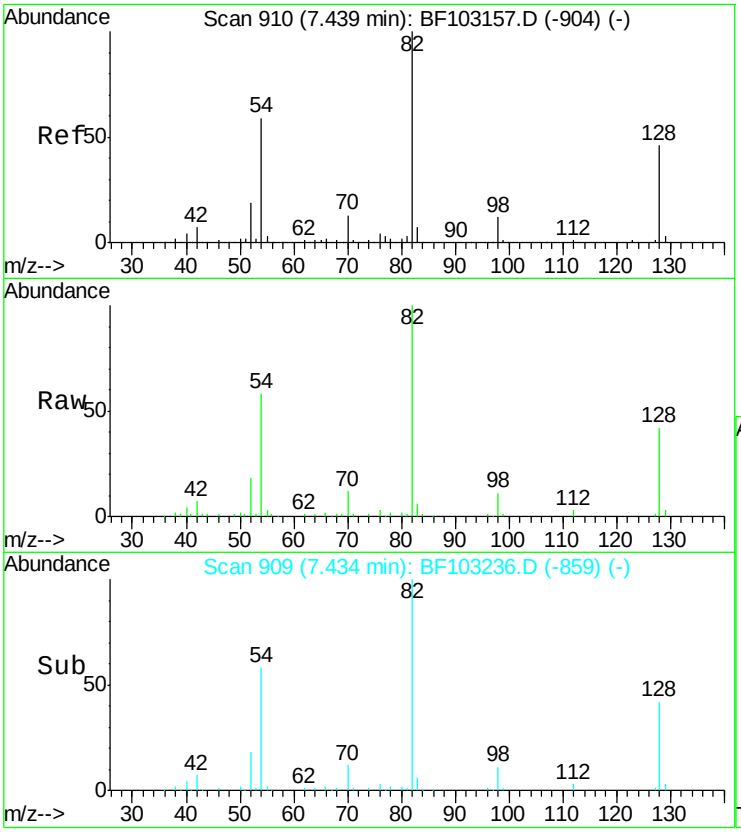


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:136 Resp: 597431

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	6.9	5.0	7.4



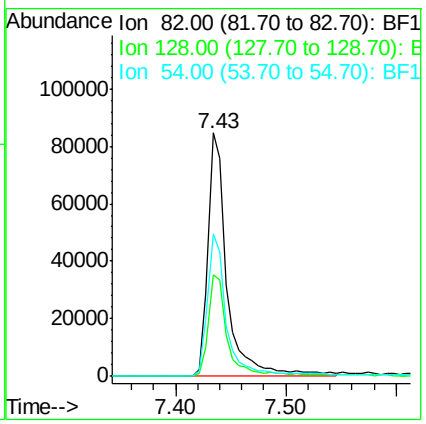


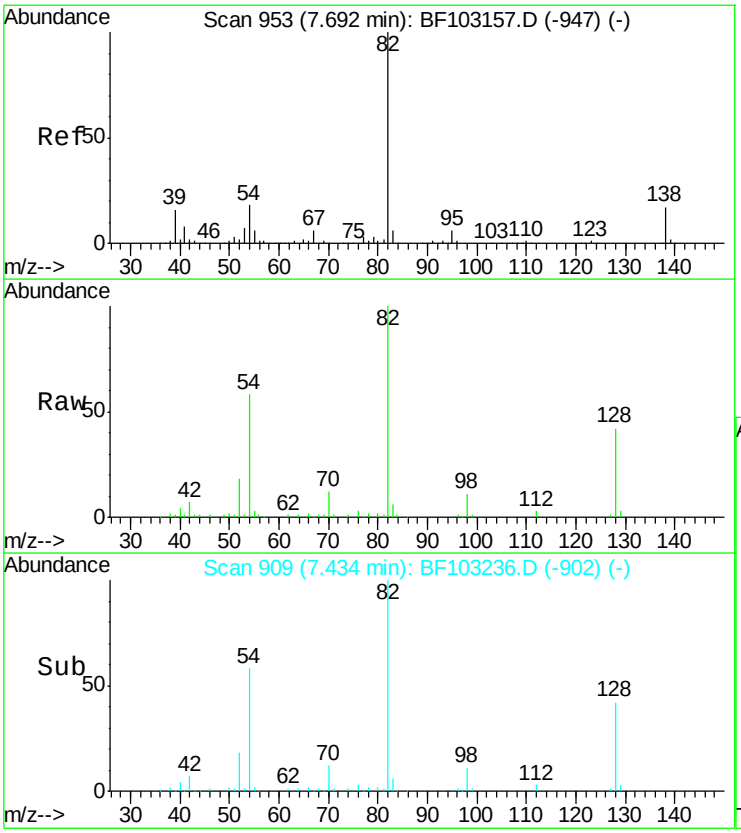
#23
Nitrobenzene-d5
Concen: 9.58 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 100194

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.4	41.4	62.2

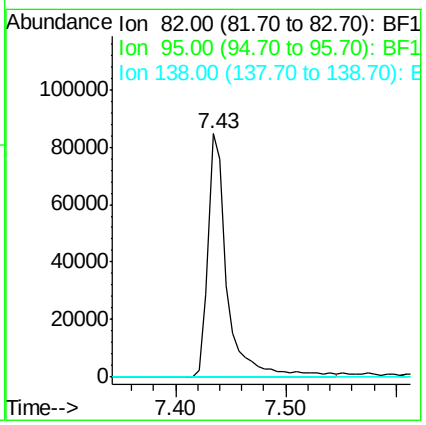


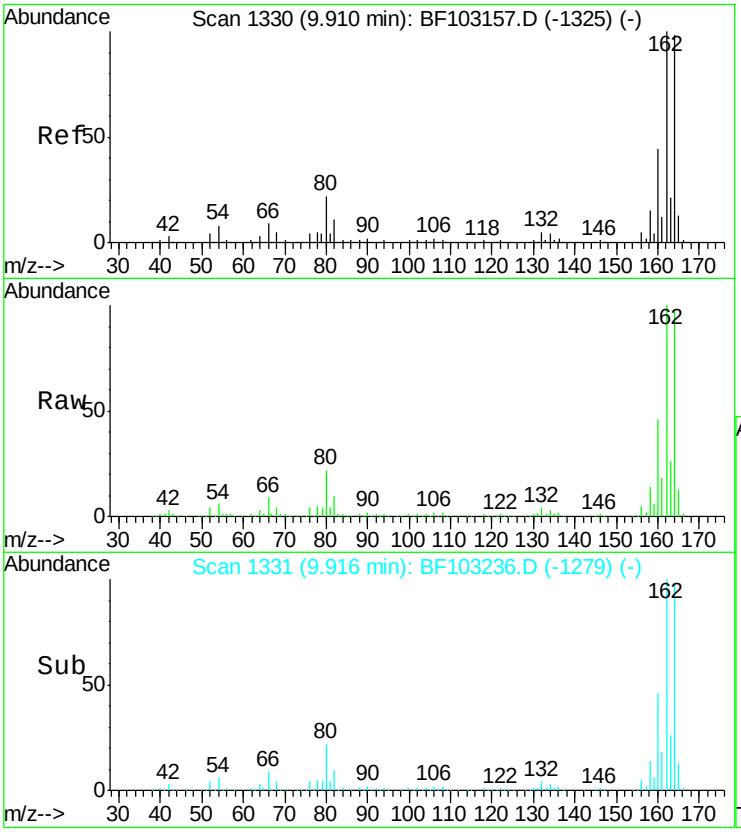


#25
Isophorone
Concen: 4.86 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion: 82 Resp: 100194

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



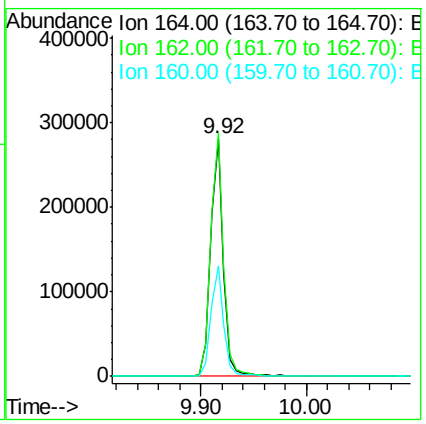


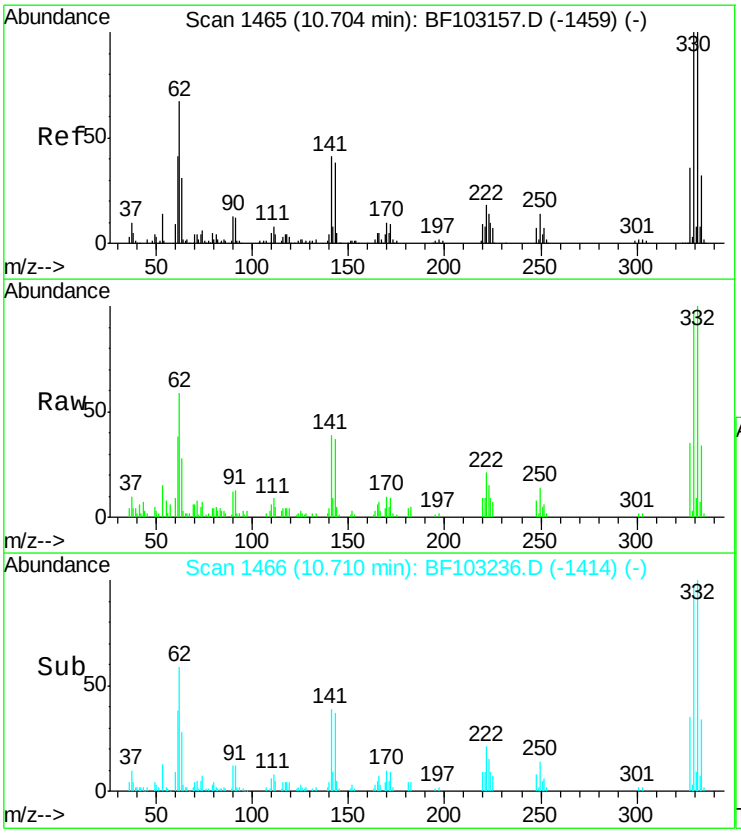
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 241003

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.7	38.3	57.5

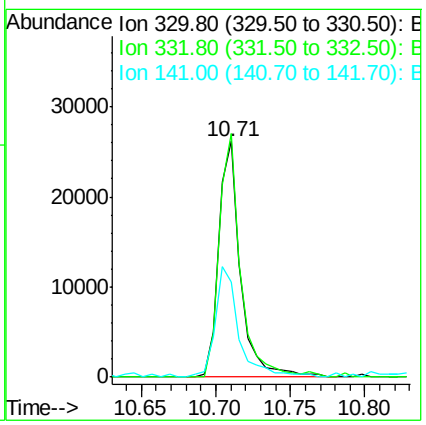


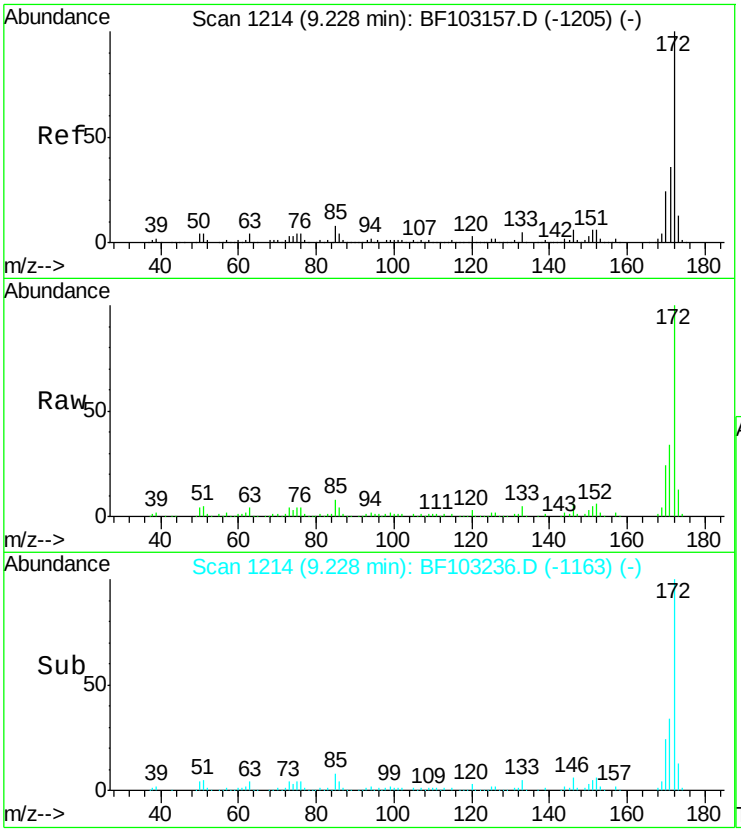


#41
2,4,6-Tribromophenol
Concen: 13.25 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:330 Resp: 27029

Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	50.5	29.9	44.9#



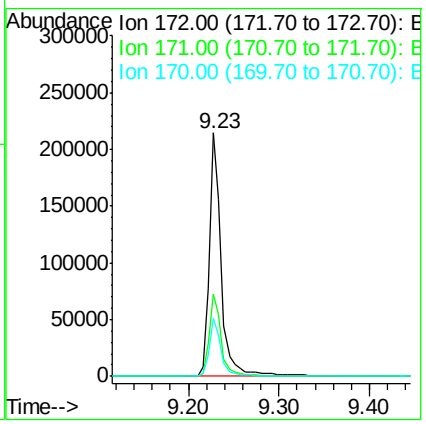


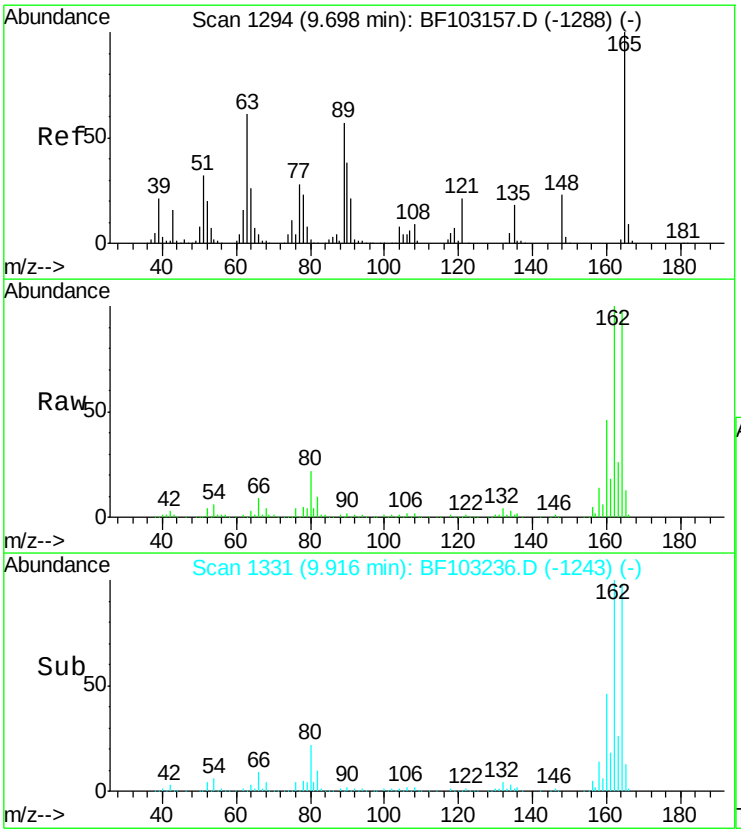
#44
2-Fluorobiphenyl
Concen: 9.77 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 200242

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	24.0	19.6	29.4

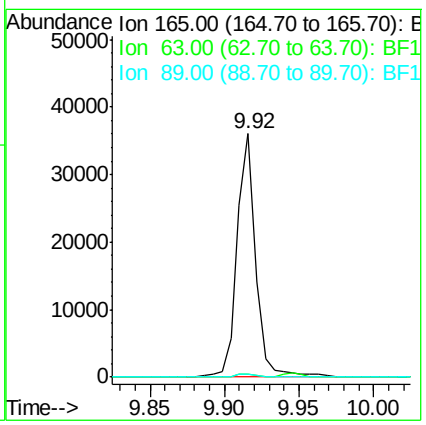


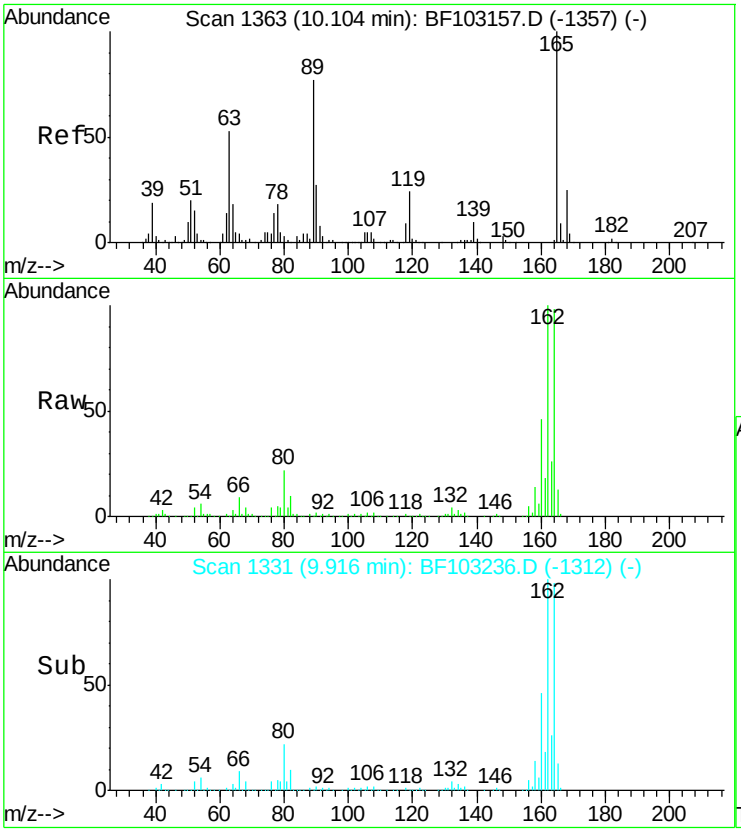


#50
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:165 Resp: 31712

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



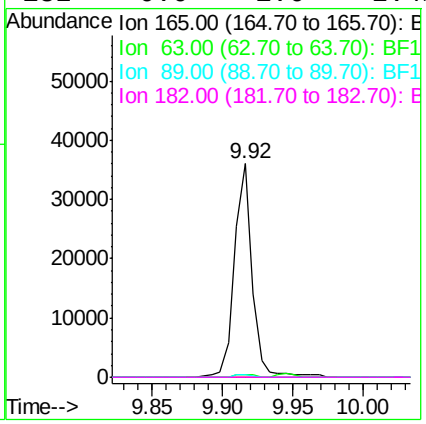


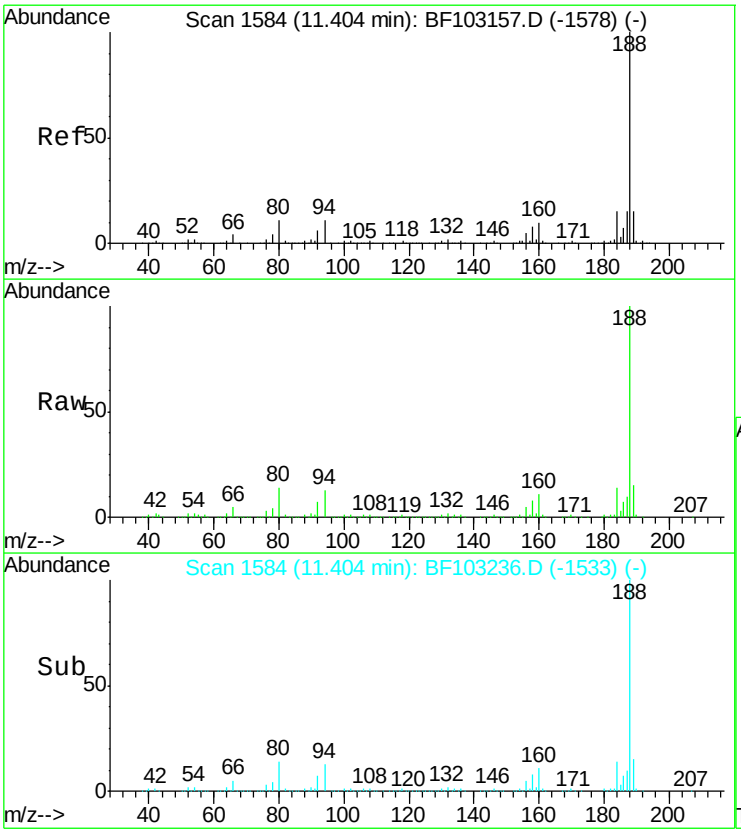
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31713

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

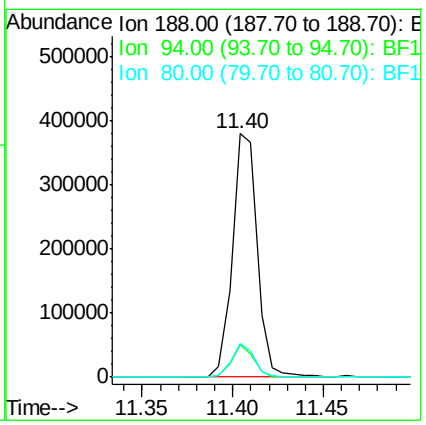


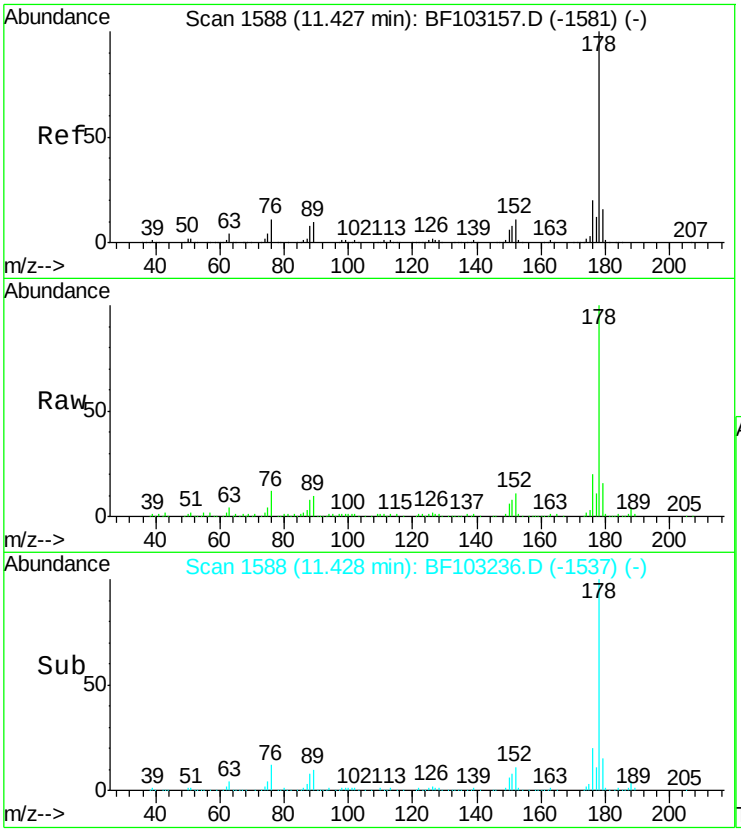


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:188 Resp: 363296

Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.5	12.7#
80	13.7	9.2	13.8



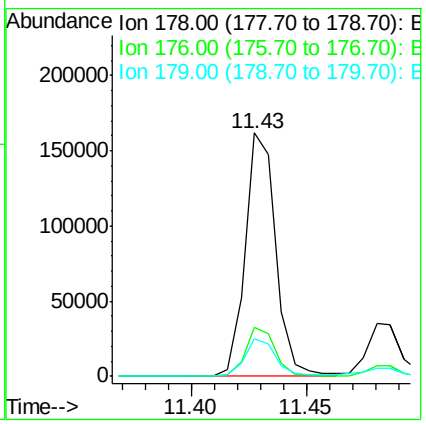


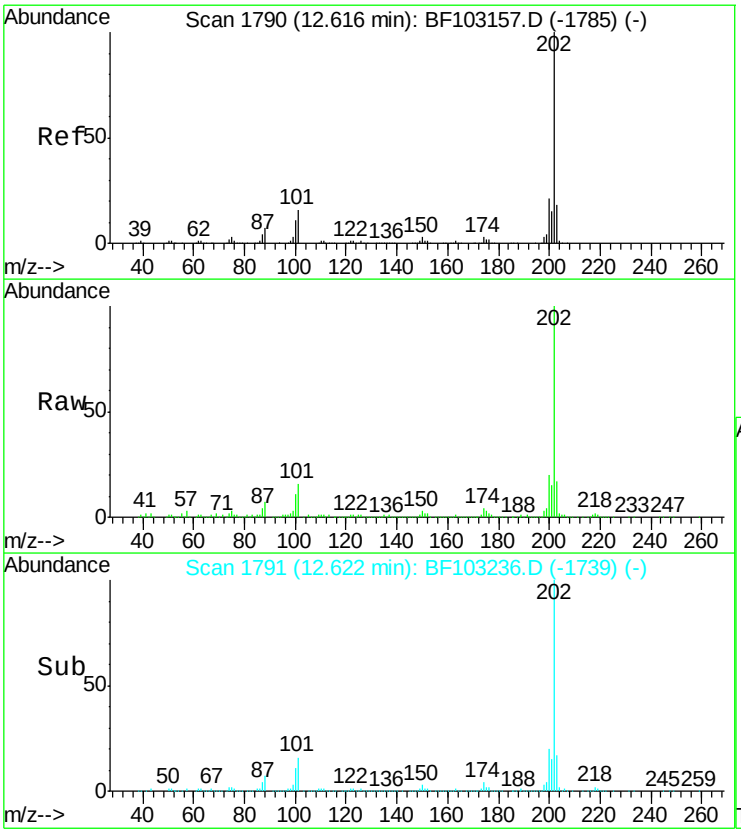
#70
Phenanthrene
Concen: 7.49 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 149787

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6

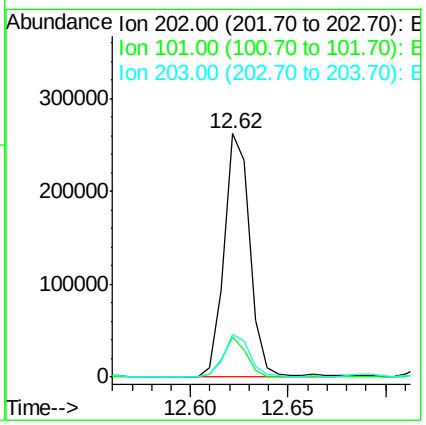


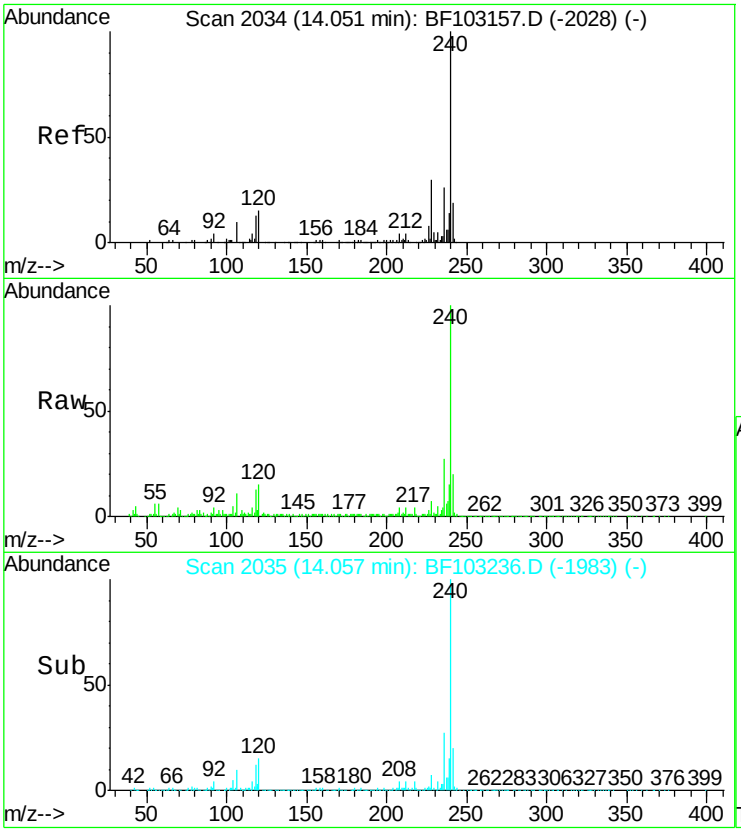


#74
Fluoranthene
Concen: 12.03 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:202 Resp: 241629

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.1
203	17.3	0.0	38.1



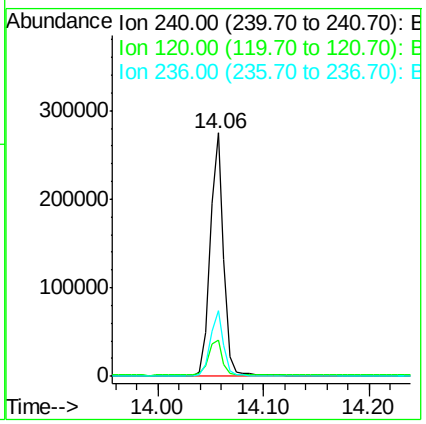


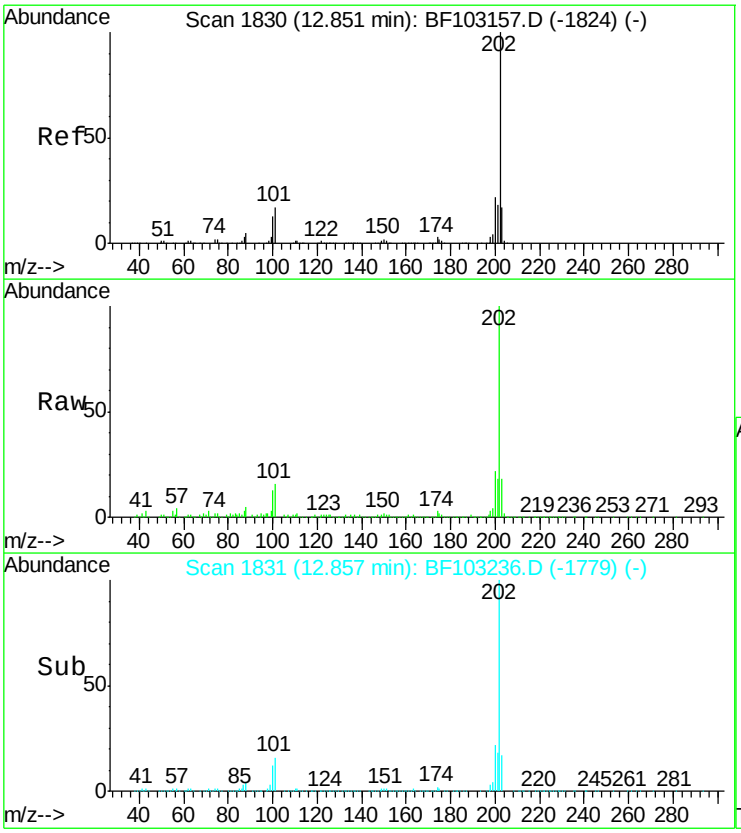
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 245053

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	27.0	20.7	31.1

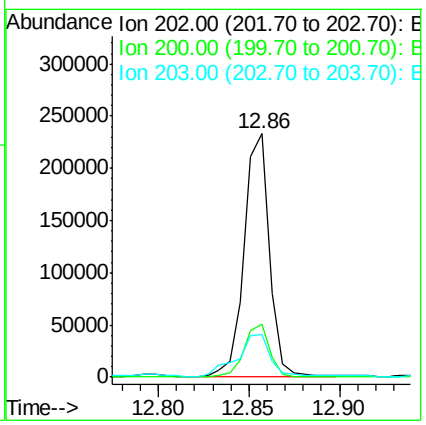


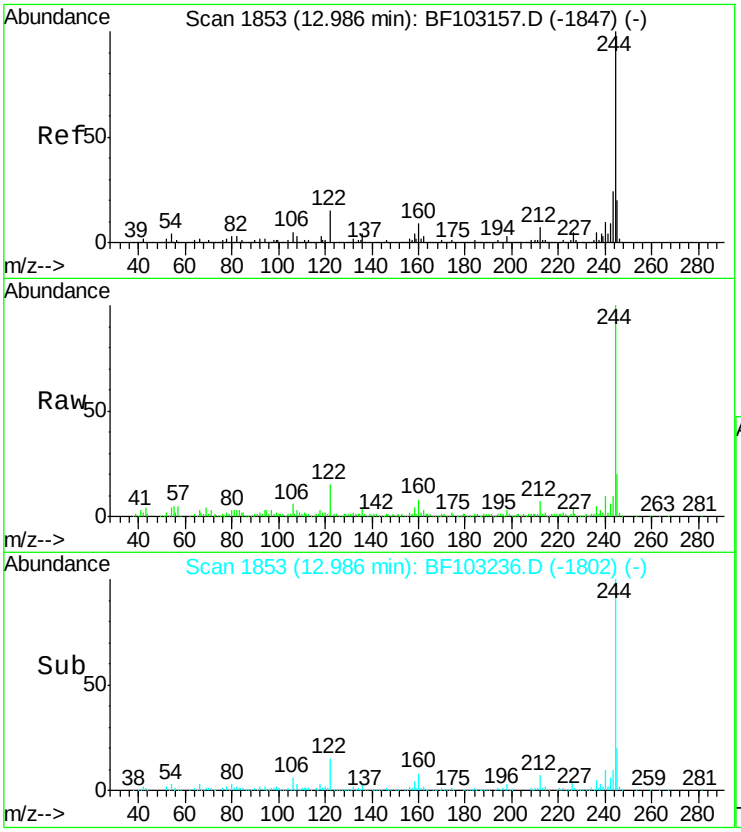


#77
Pyrene
Concen: 11.80 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:202 Resp: 225369

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5



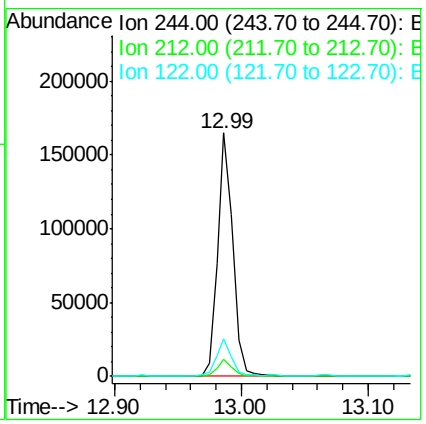


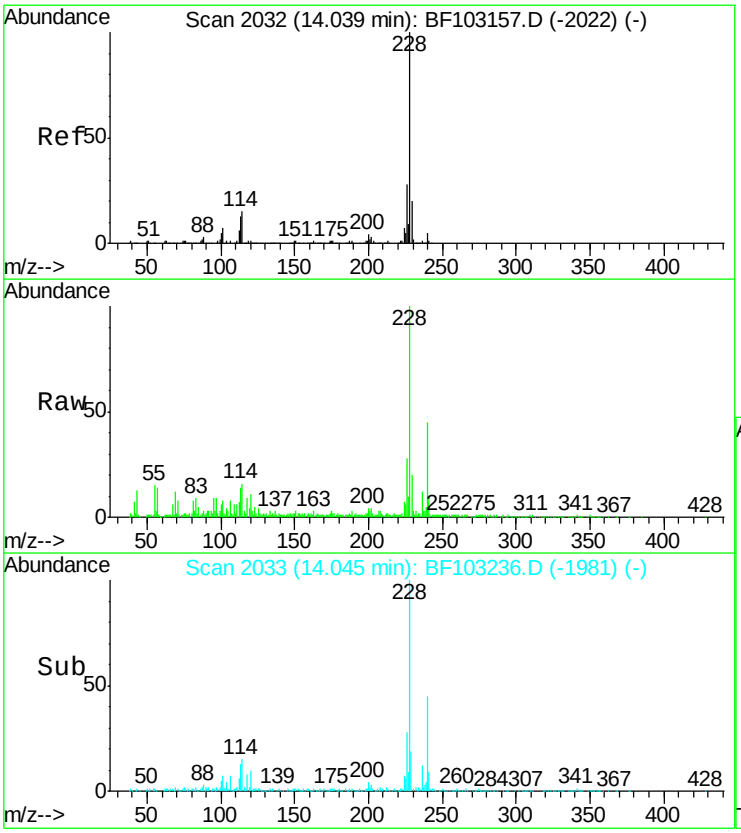
#78
Terphenyl-d14
Concen: 13.82 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 140865

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.4	11.0	16.4

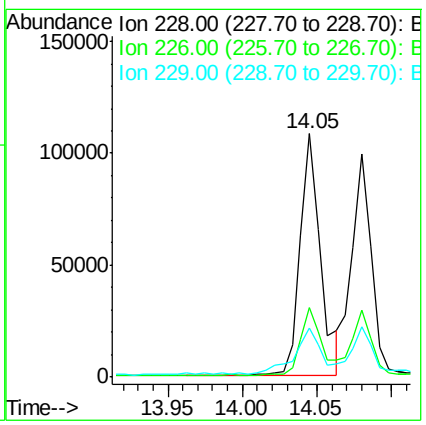


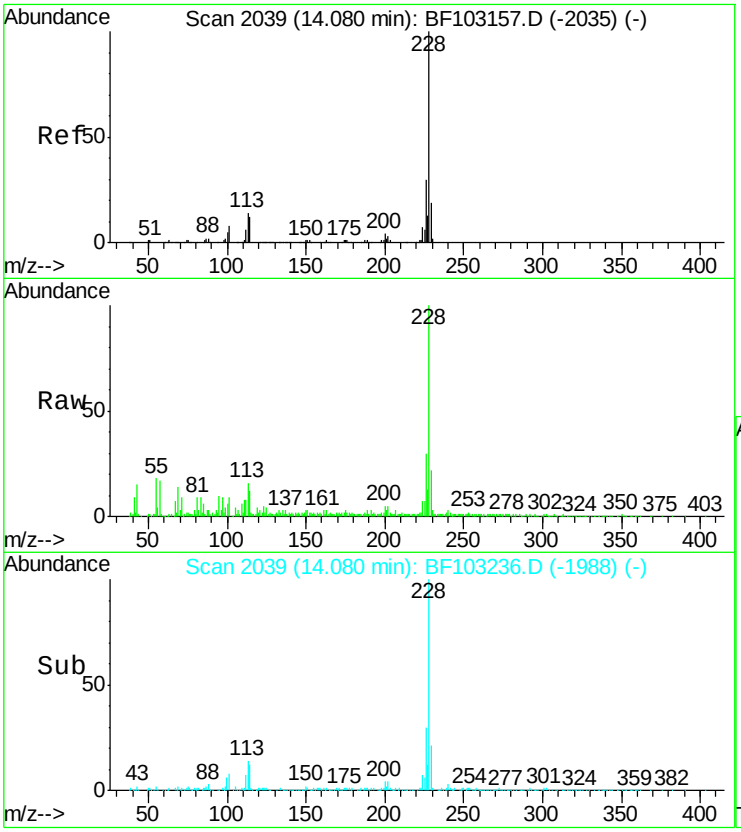


#80
Benzo(a)anthracene
Concen: 6.53 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:228 Resp: 103876

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.3	15.8	23.6



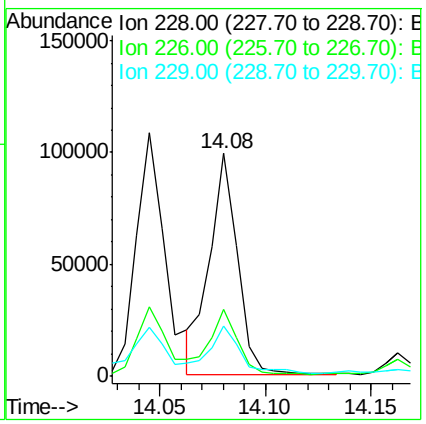


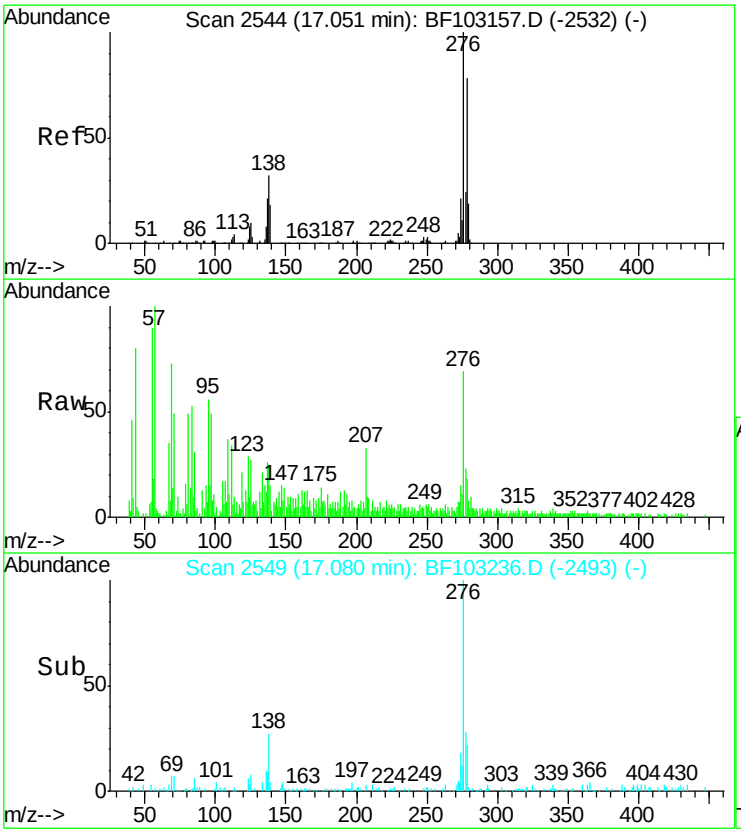
#82
Chrysene
Concen: 6.01 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 92839

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.5	16.2	24.4

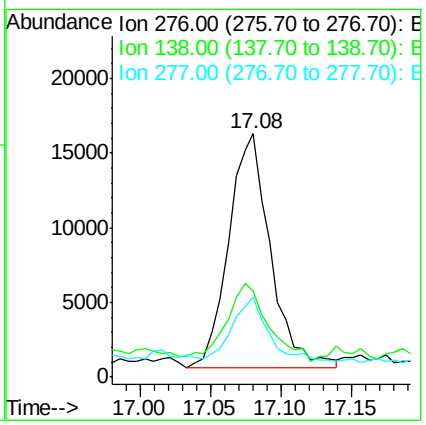


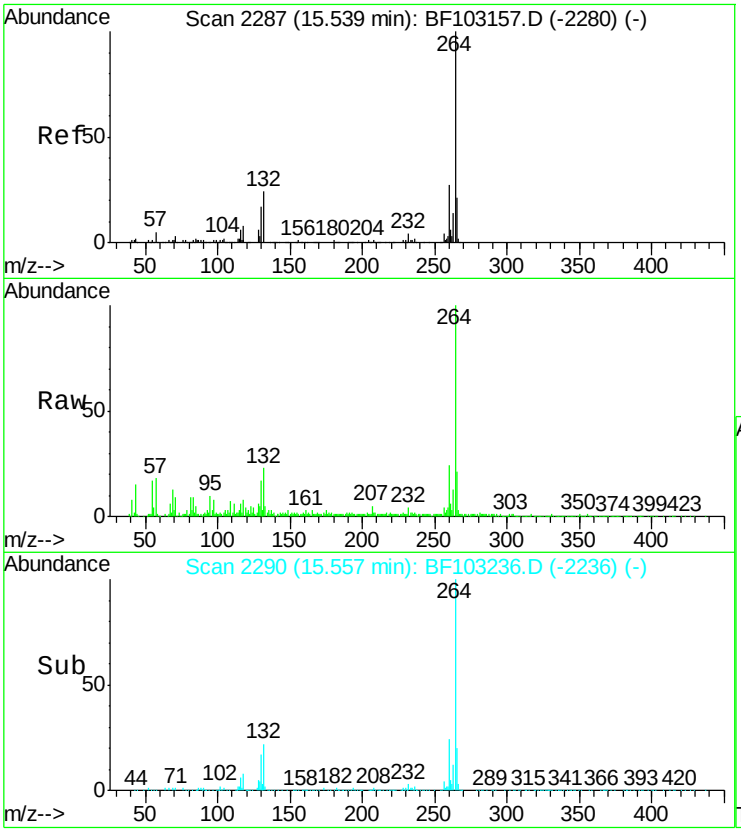


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:276 Resp: 32127

Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.0	37.6
277	23.6	20.1	30.1



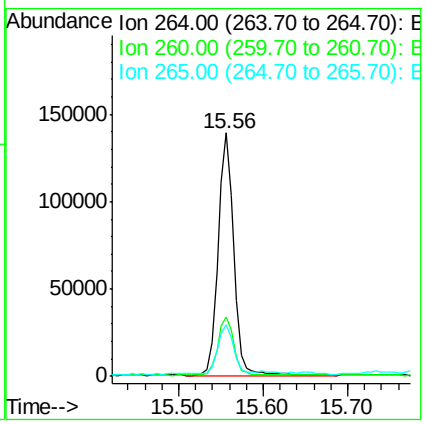


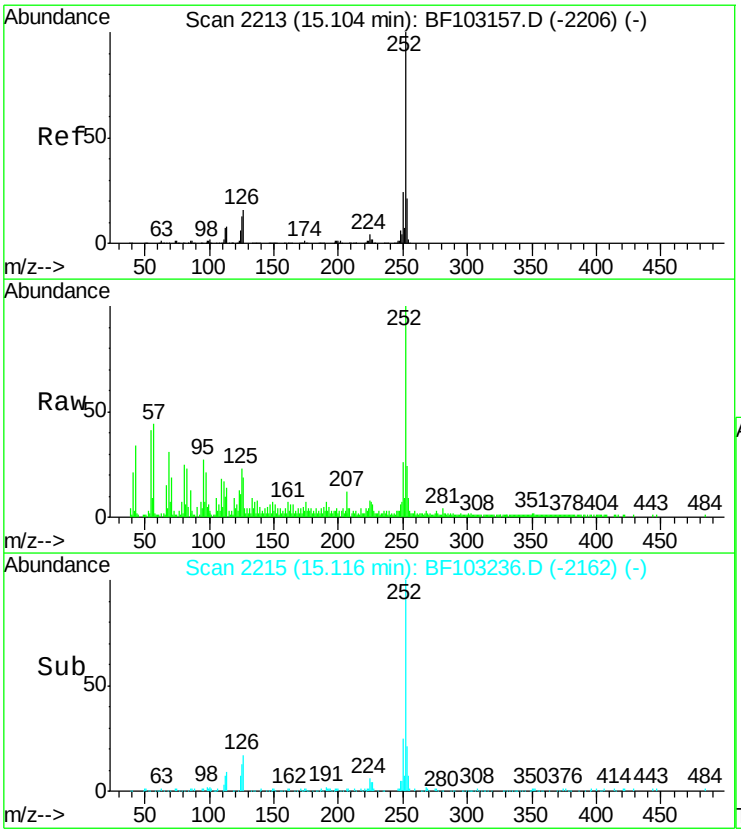
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 179643

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.5	26.3

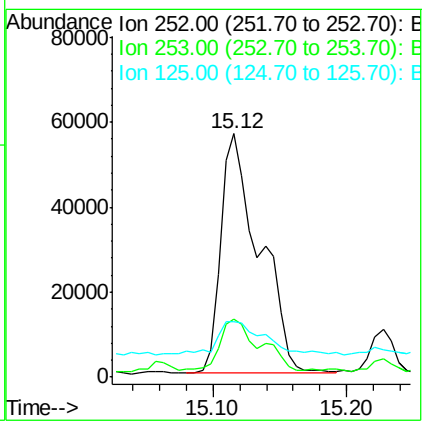


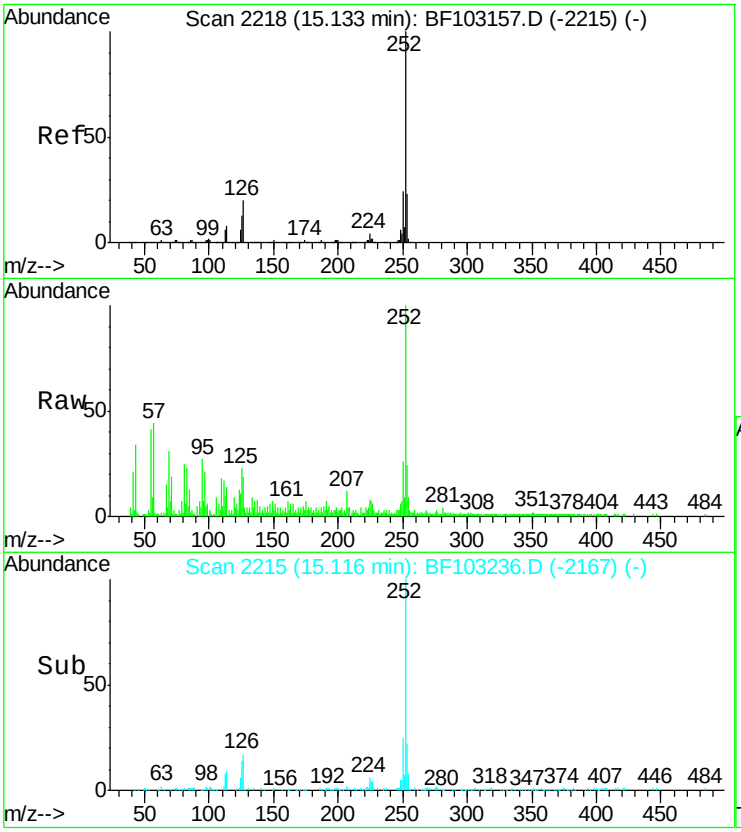


#87
Benzo(b)fluoranthene
Concen: 9.68 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:252 Resp: 114300

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	22.8	9.0	13.6#



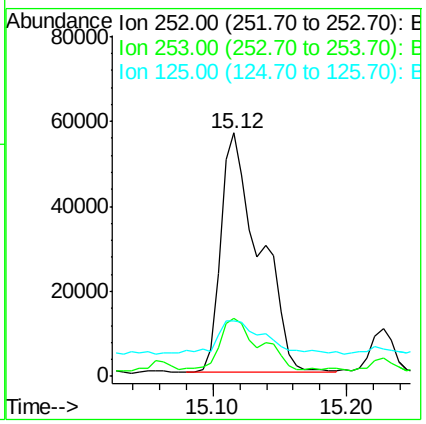


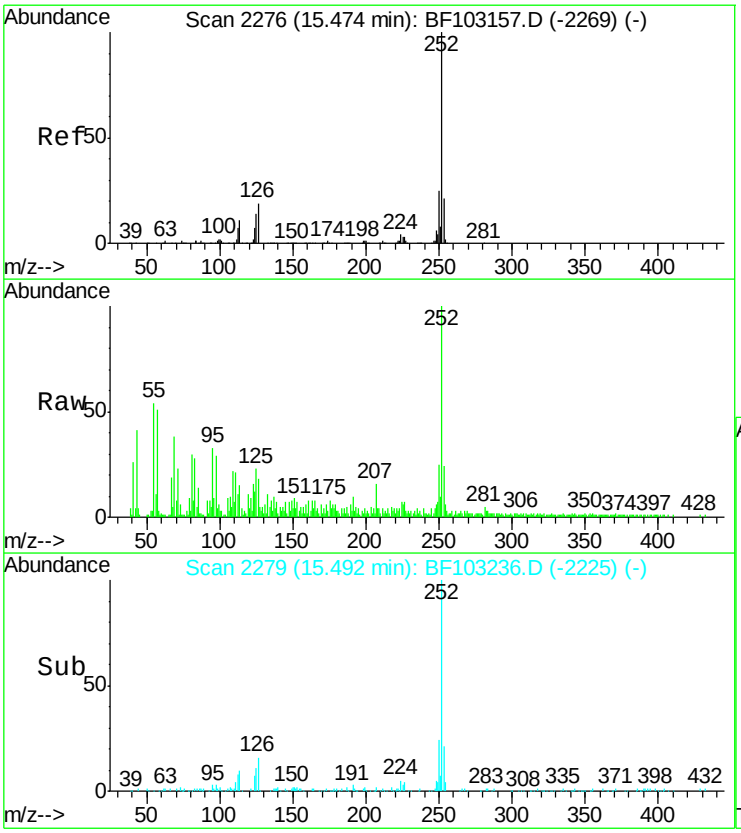
#88
Benzo(k)fluoranthene
Concen: 10.28 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114300

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	22.8	10.2	15.2#

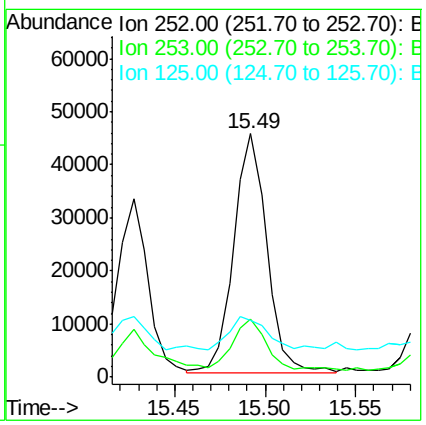


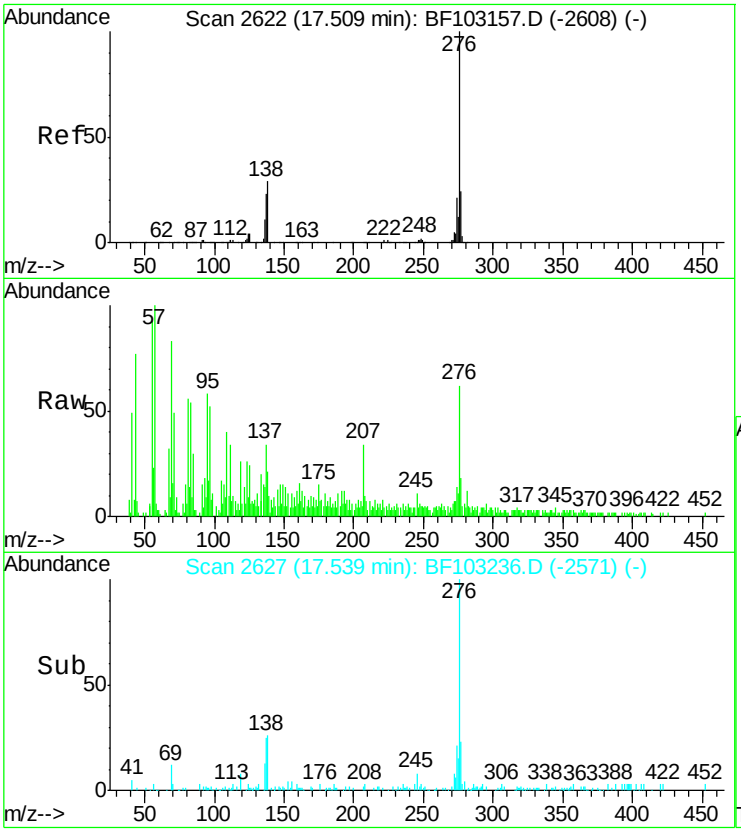


#89
Benzo(a)pyrene
Concen: 5.43 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Tgt Ion:252 Resp: 57301

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	23.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.68 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF103236.D
Acq: 26 Feb 2018 23:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29284

Ion	Ratio	Lower	Upper
276	100		
277	29.6	17.9	26.9#
138	33.9	21.8	32.8#