Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103284.D
Acq On : 28 Feb 2018 1:35
Operator : SJ/JU
Sample : J1704-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 28 03:24:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146969	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	592708	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	232583	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	327994	20.00	ng		0.00
75) Chrysene-d12	14.06	240	243694	20.00	ng		0.00
86) Perylene-d12	15.56	264	187424	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	245206	25.23	ng		0.00
7) Phenol-d6	6.50	99	339501	28.55	ng		0.00
23) Nitrobenzene-d5	7.43	82	212080	20.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	27249	13.84	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	342104	19.86	ng		0.00
78) Terphenyl-d14	12.99	244	209687	20.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	847	Below Cal		#	19
19) n-Nitroso-di-n-propylamine	7.43	70	28258	3.82	ng	#	86
25) Isophorone	7.43	82	212078	10.38	ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	29460	7.52	ng	#	26
56) 2,4-Dinitrotoluene	9.91	165	29460	5.95	ng	#	23
70) Phenanthrene	11.43	178	207683	11.51	ng		98
71) Anthracene	11.48	178	41991	2.27	ng		98
74) Fluoranthene	12.62	202	258663	14.26	ng		98
77) Pyrene	12.85	202	225233	11.85	ng		100
80) Benzo(a)anthracene	14.05	228	111609	7.06	ng		98
82) Chrysene	14.08	228	109978	7.16	ng		99
85) Indeno(1,2,3-cd)pyrene	17.08	276	36067	2.97	ng		99
87) Benzo(b)fluoranthene	15.12	252	146812	11.91	ng	#	93
88) Benzo(k)fluoranthene	15.12	252	146812	12.65	ng	#	96
89) Benzo(a)pyrene	15.50	252	66089	6.01	ng	#	95
91) Benzo(g,h,i)perylene	17.54	276	34072	4.10	ng	#	91

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

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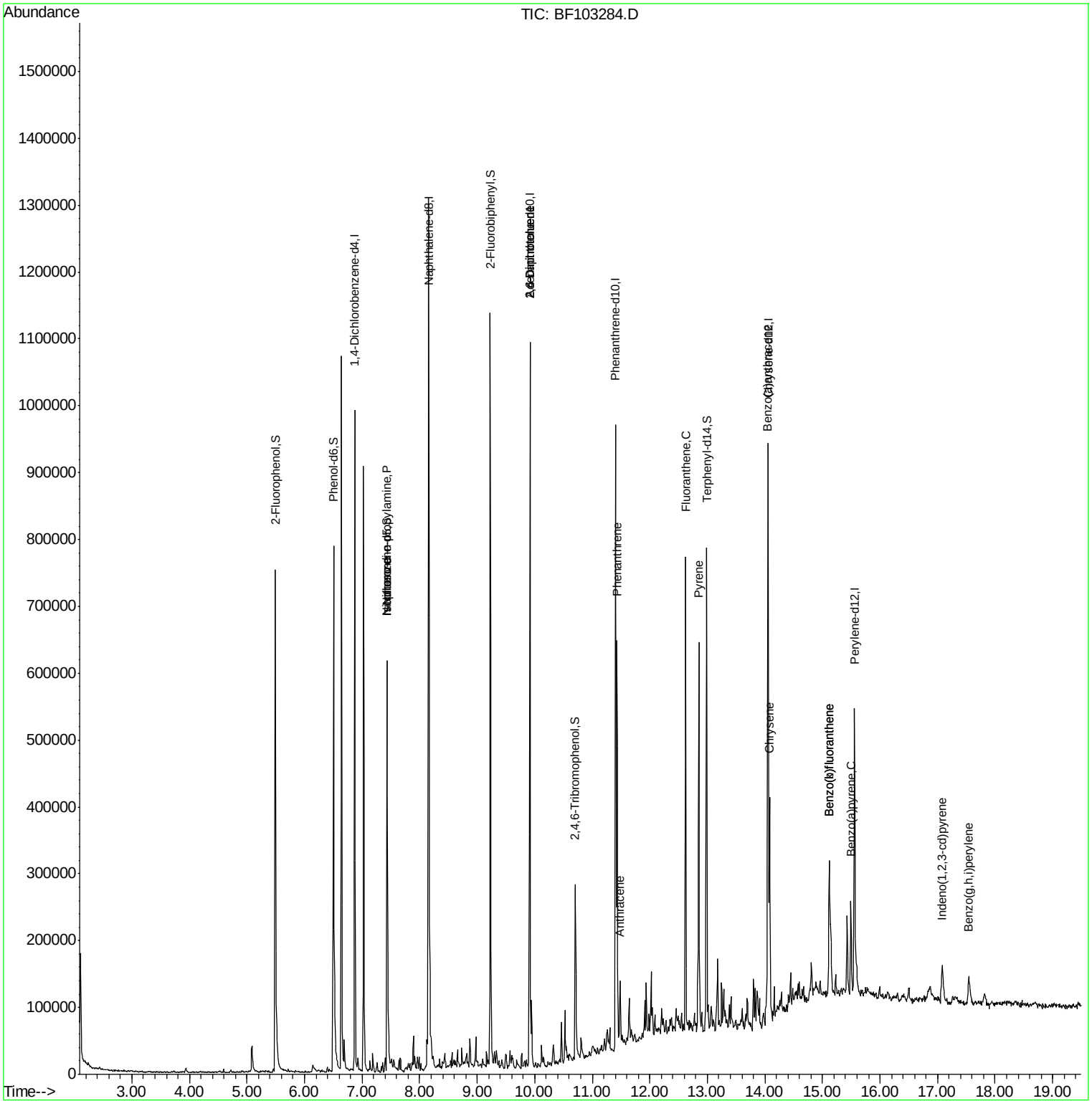
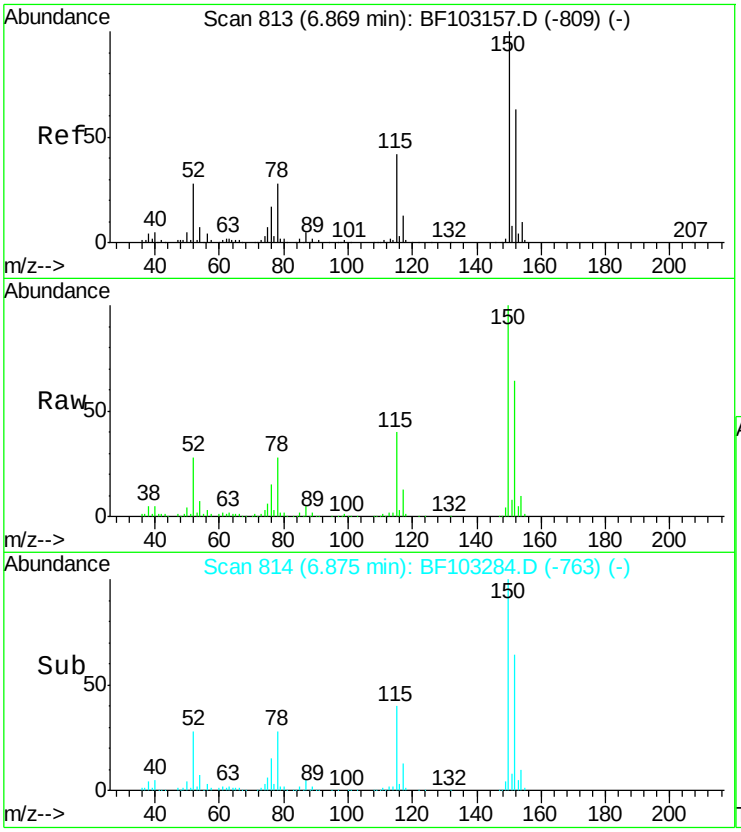


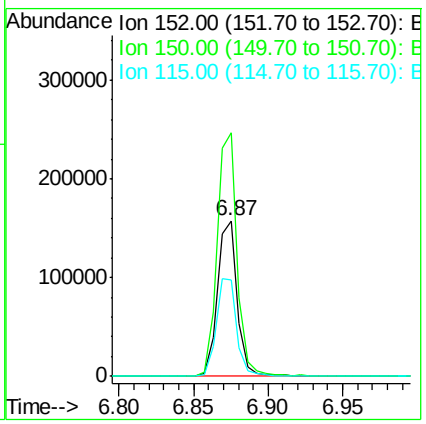


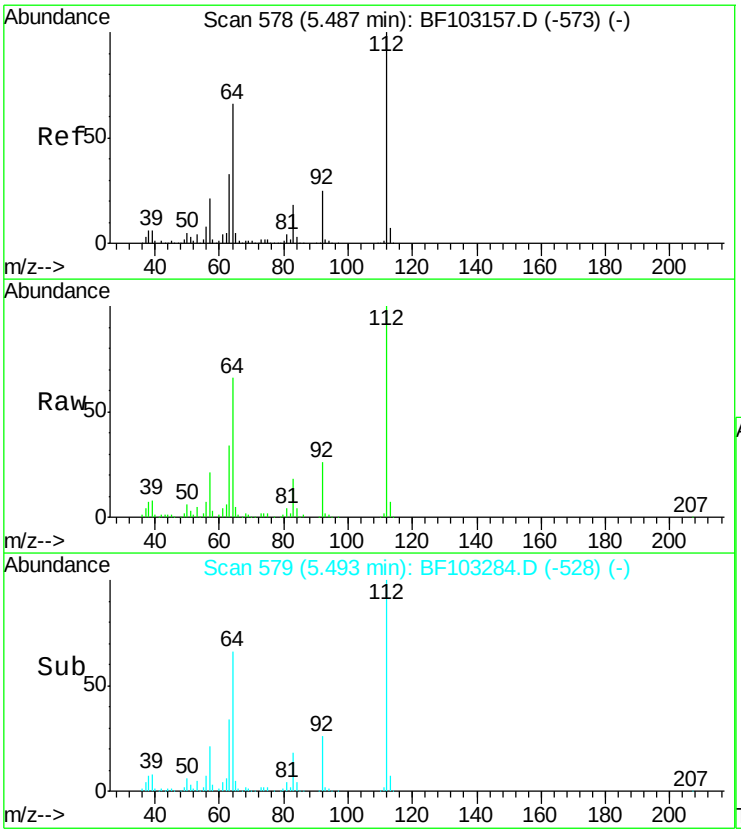
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146969

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.3	50.1	75.1

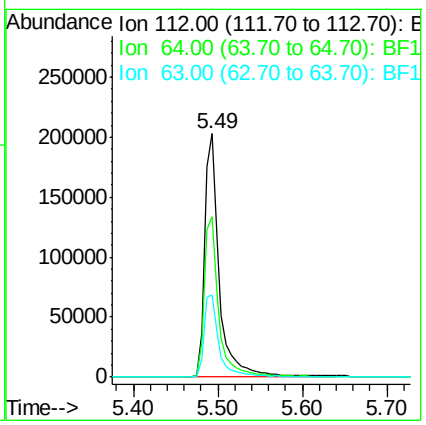


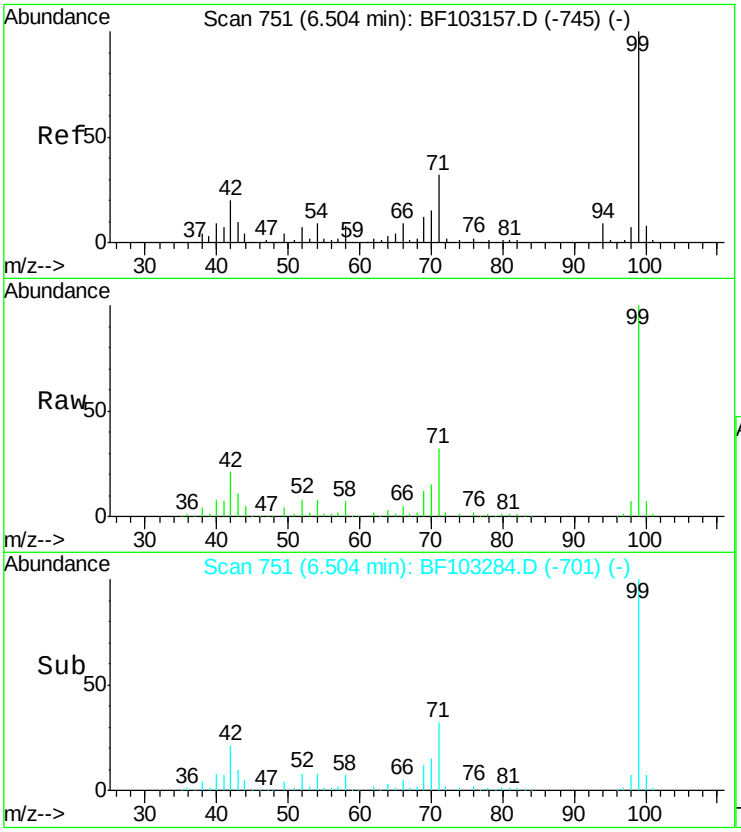


#5
2-Fluorophenol
Concen: 25.23 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:112 Resp: 245206

Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.7	23.7	35.5



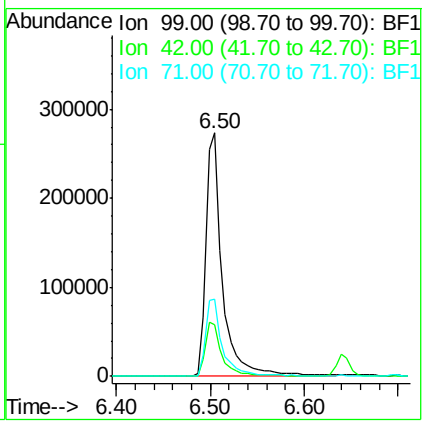


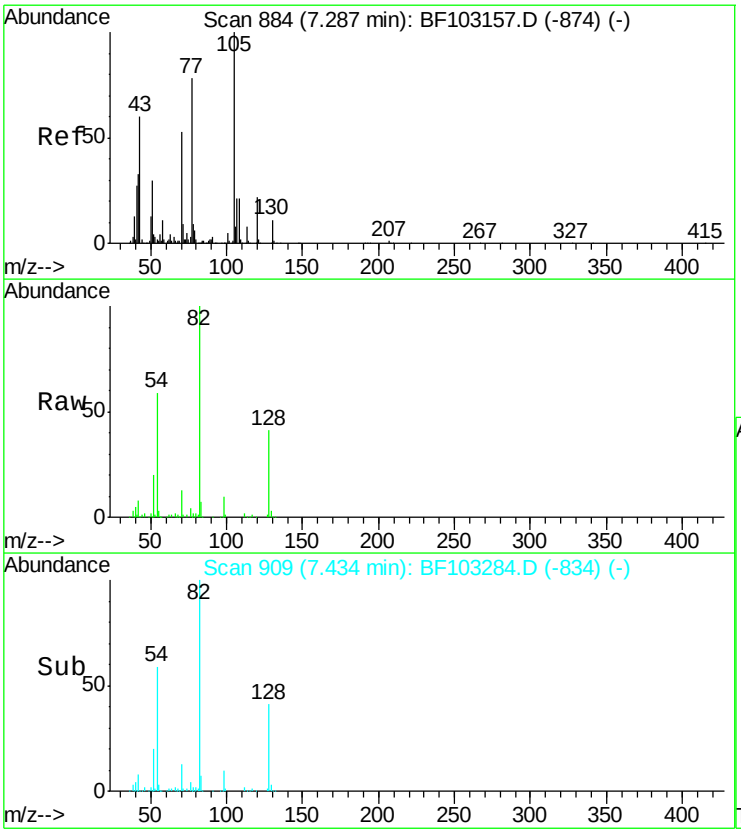
#7
Phenol-d6
Concen: 28.55 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 339501

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	31.6	25.4	38.0

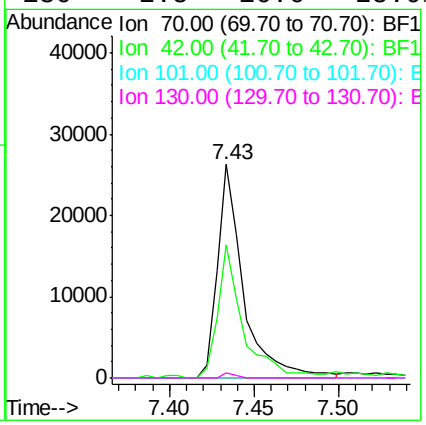


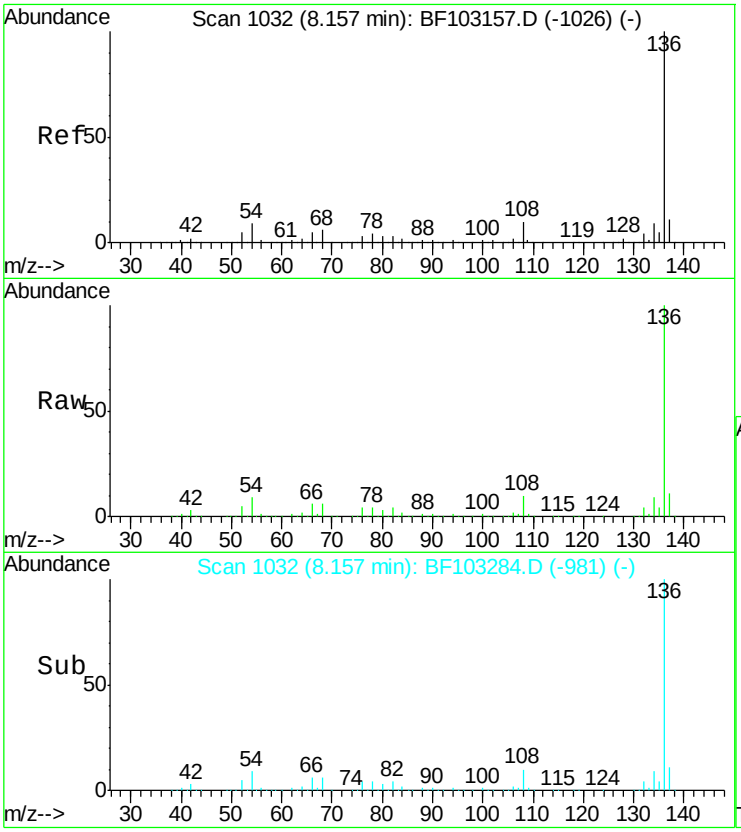


#19
n-Nitroso-di-n-propylamine
Concen: 3.82 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion: 70 Resp: 28258

Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



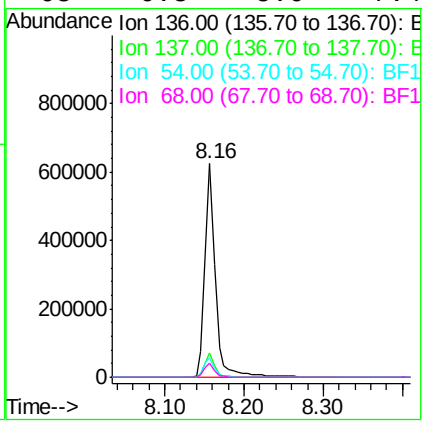


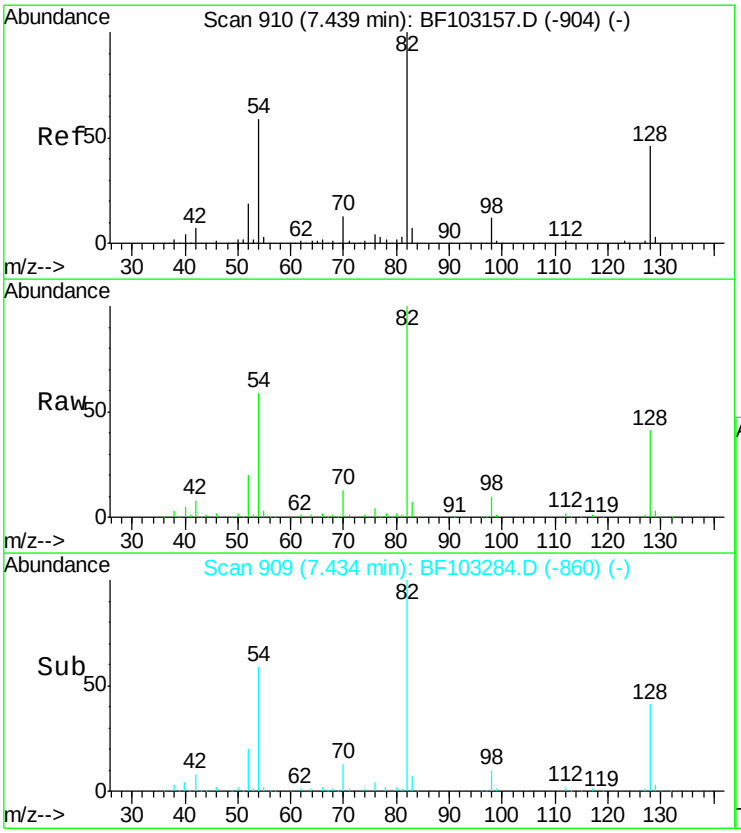
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 592708

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4

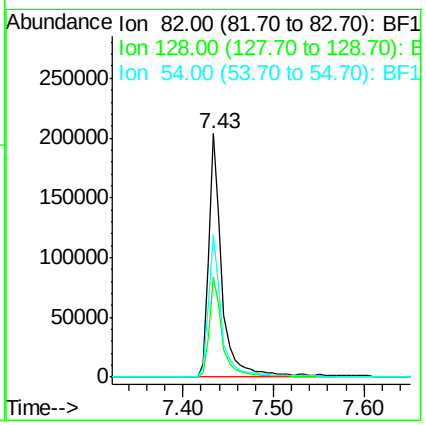


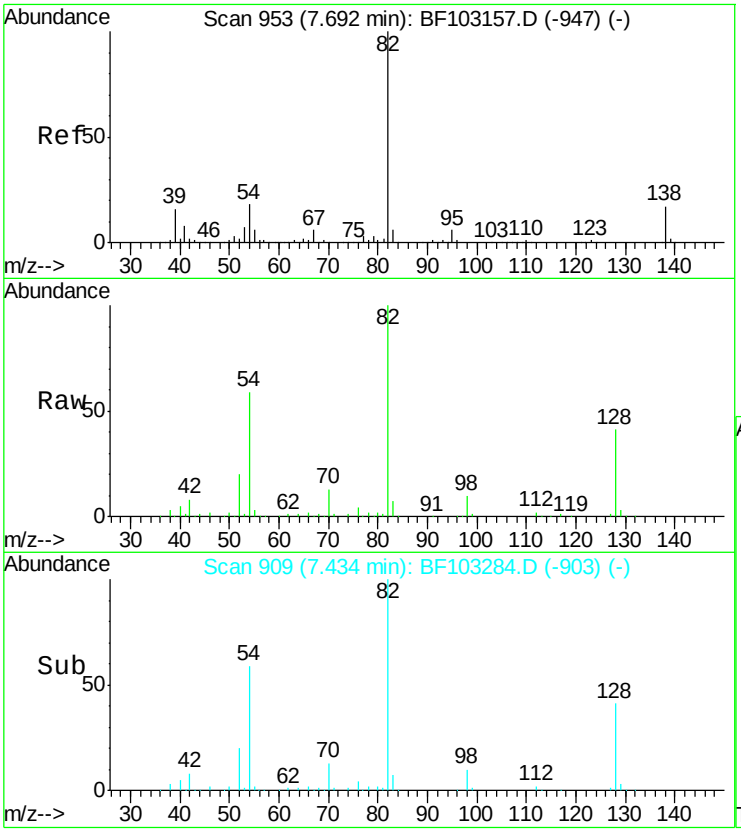


#23
Nitrobenzene-d5
Concen: 20.43 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion: 82 Resp: 212080

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.8	41.4	62.2



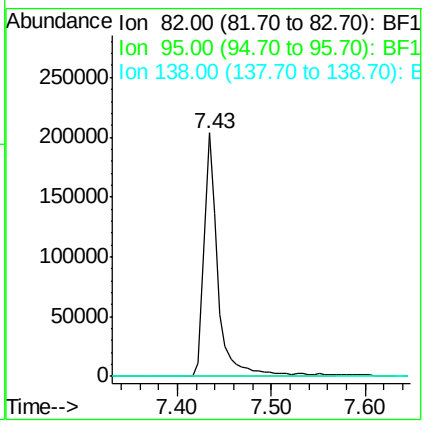


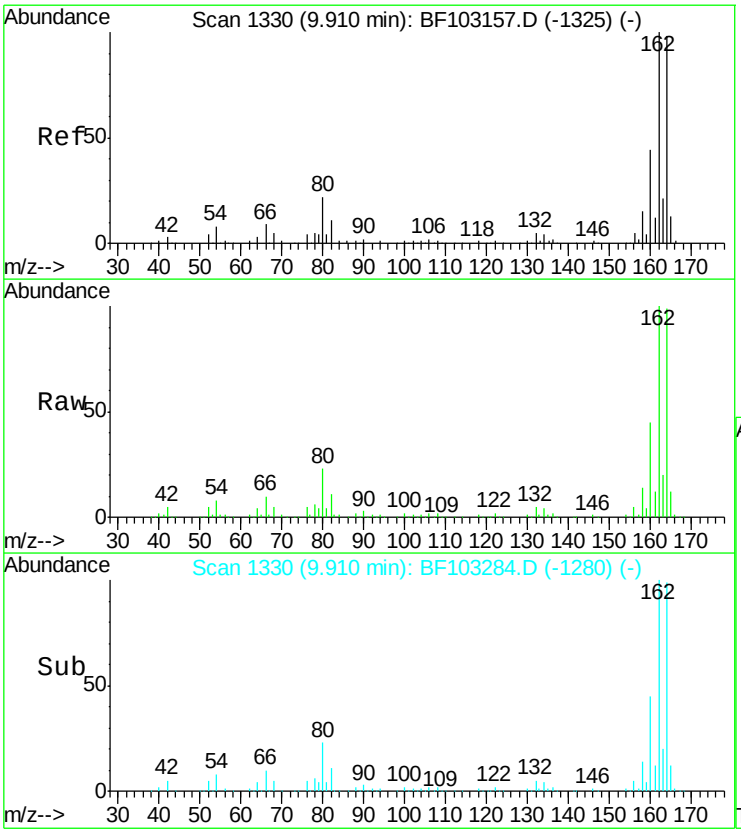
#25
Isophorone
Concen: 10.38 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 212078

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

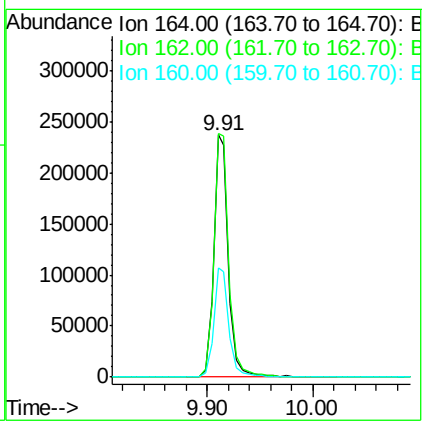


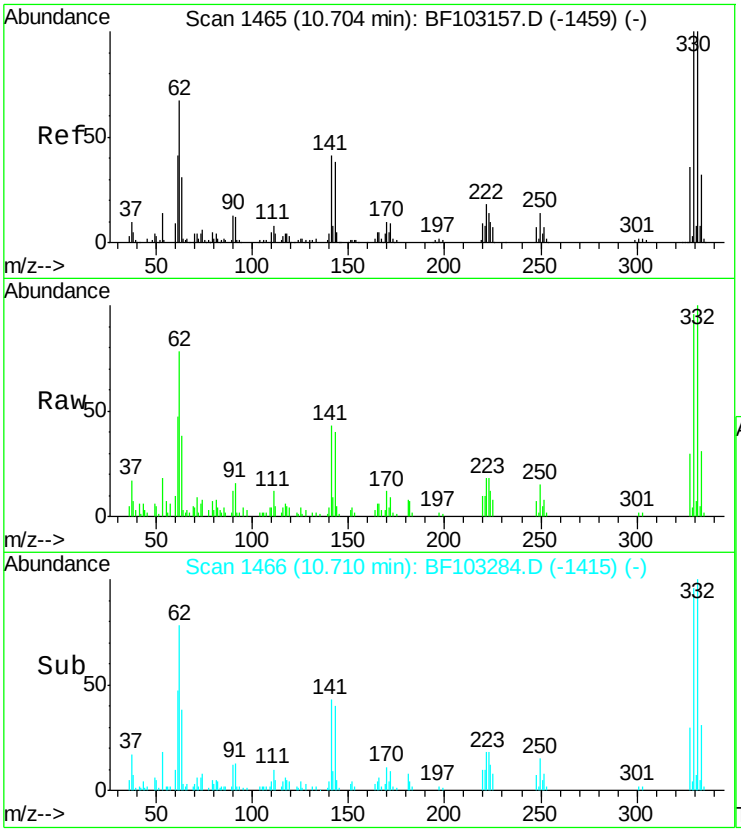


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:164 Resp: 232583

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.2	38.3	57.5



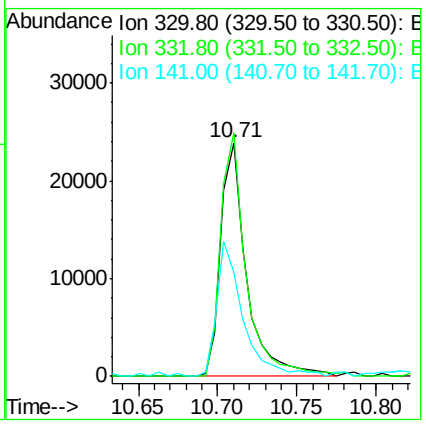


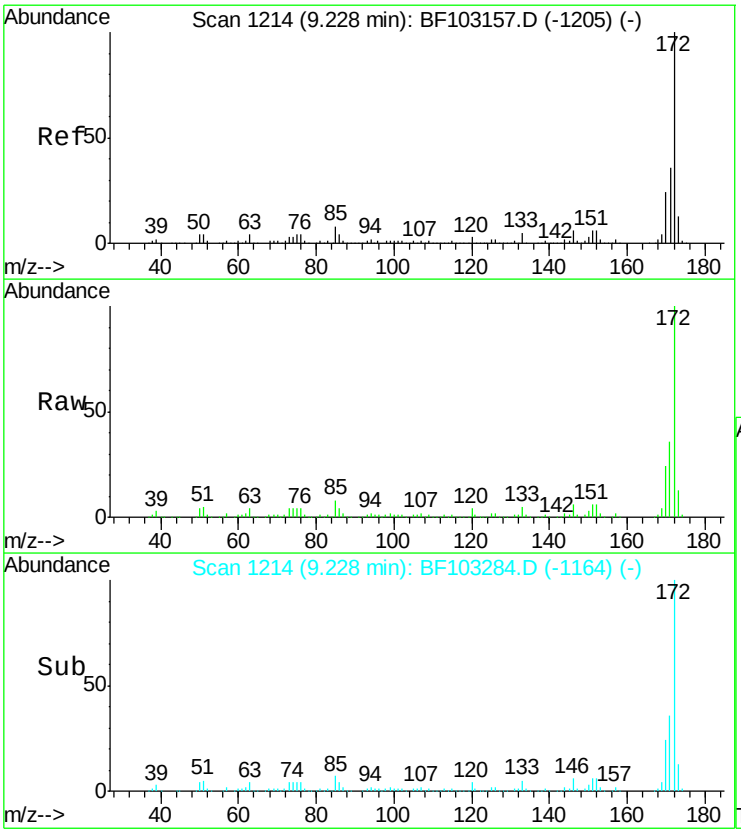
#41
2,4,6-Tribromophenol
Concen: 13.84 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27249

Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	58.1	29.9	44.9#

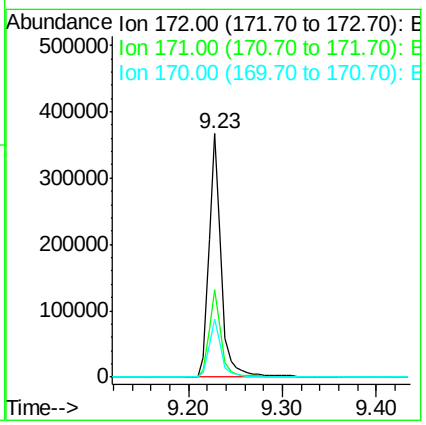


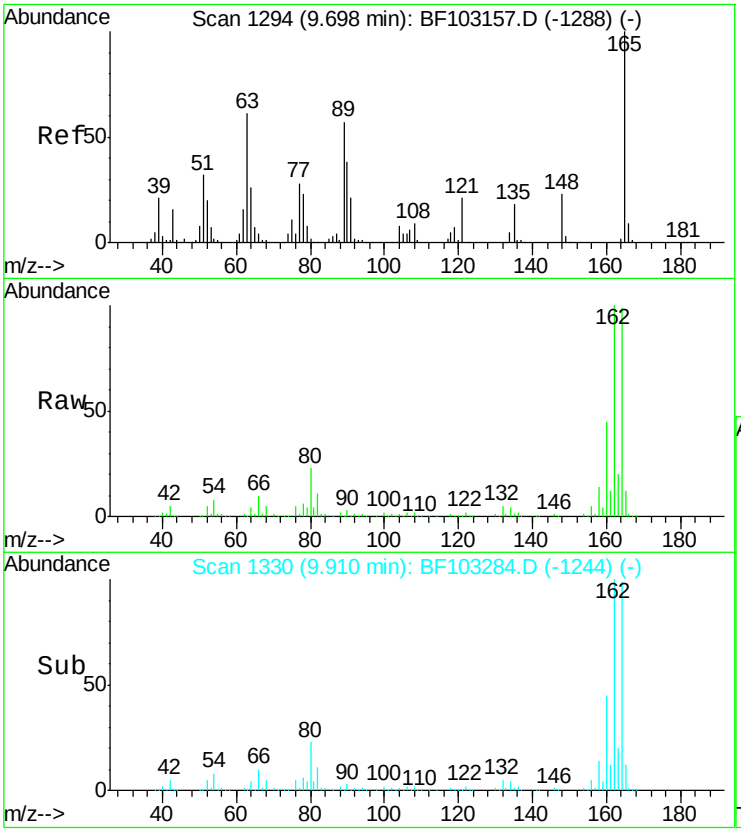


#44
2-Fluorobiphenyl
Concen: 19.86 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:172 Resp: 342104

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



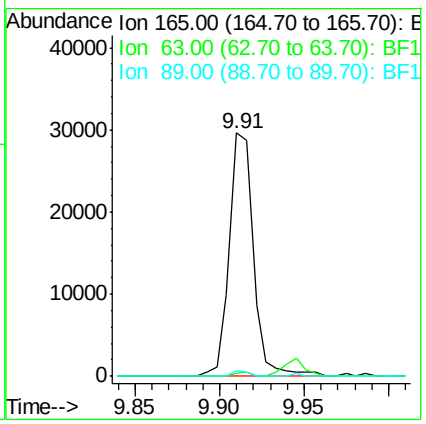


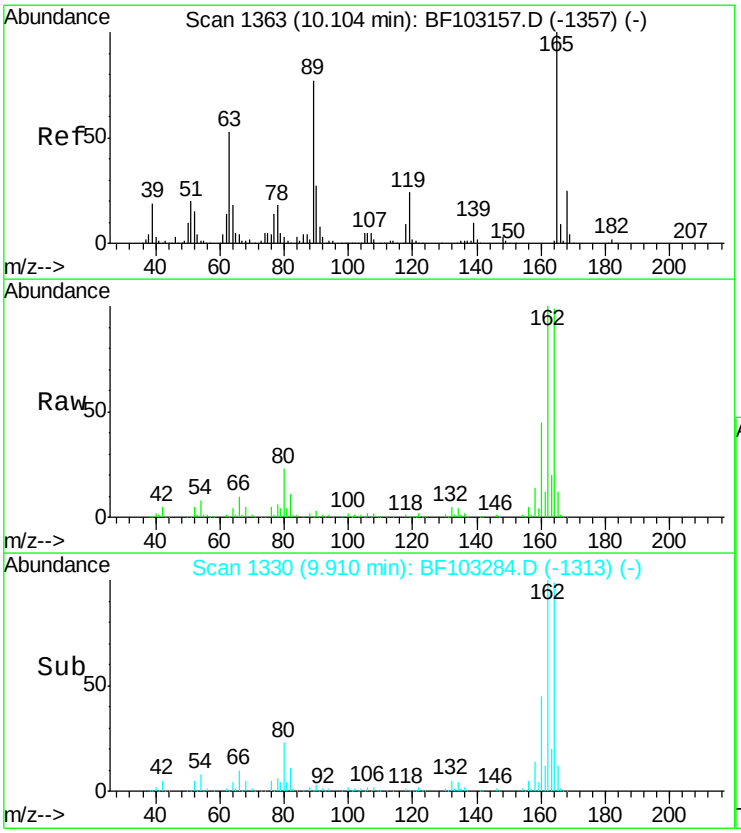
#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29460

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	2.0	44.0	66.0#

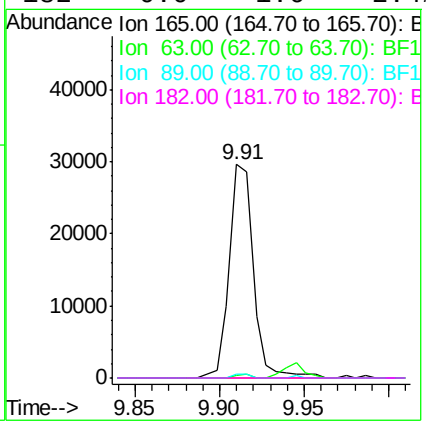


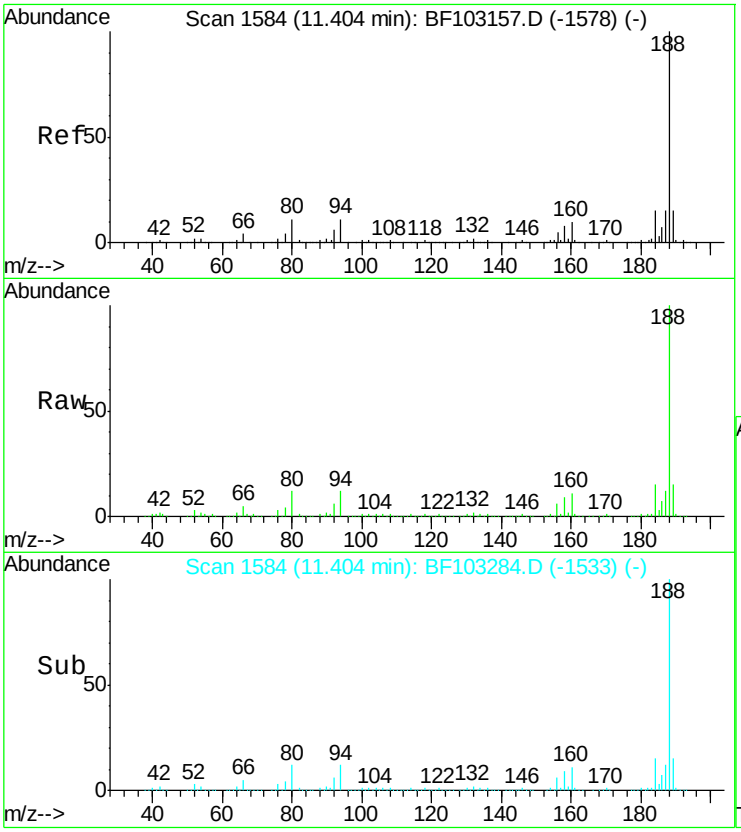


#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:165 Resp: 29460

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



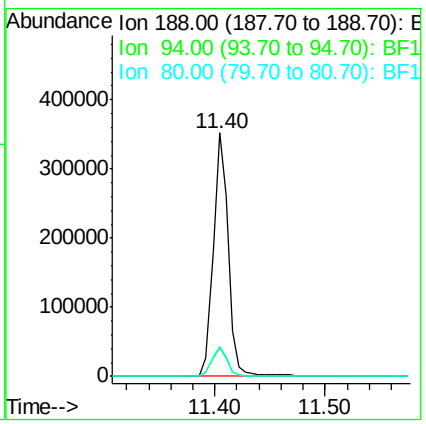


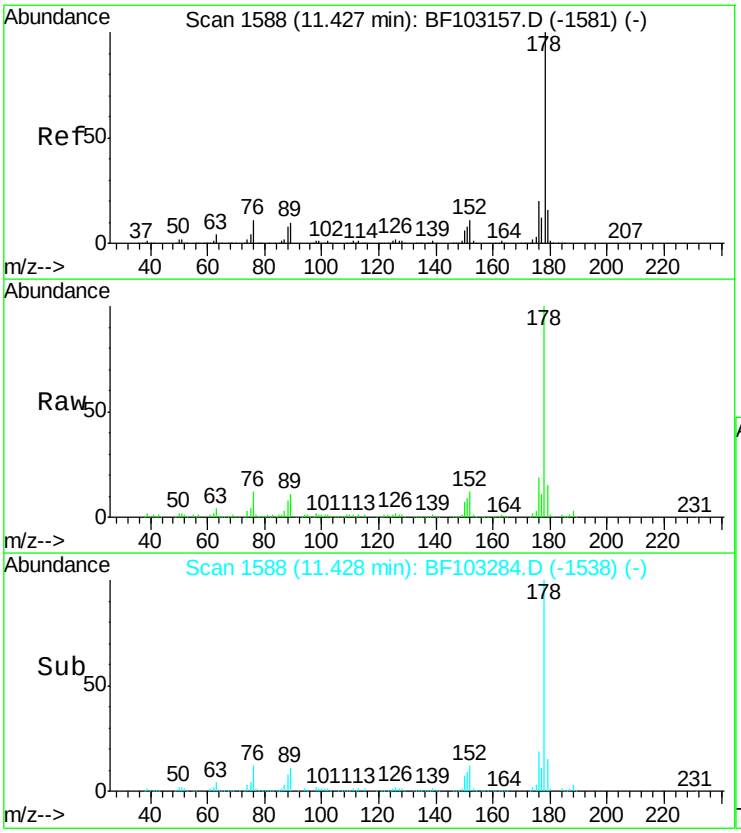
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 327994

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.4	9.2	13.8

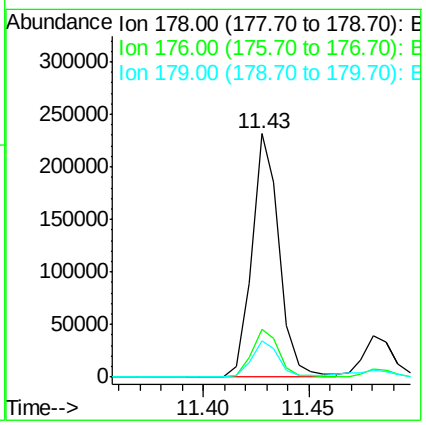


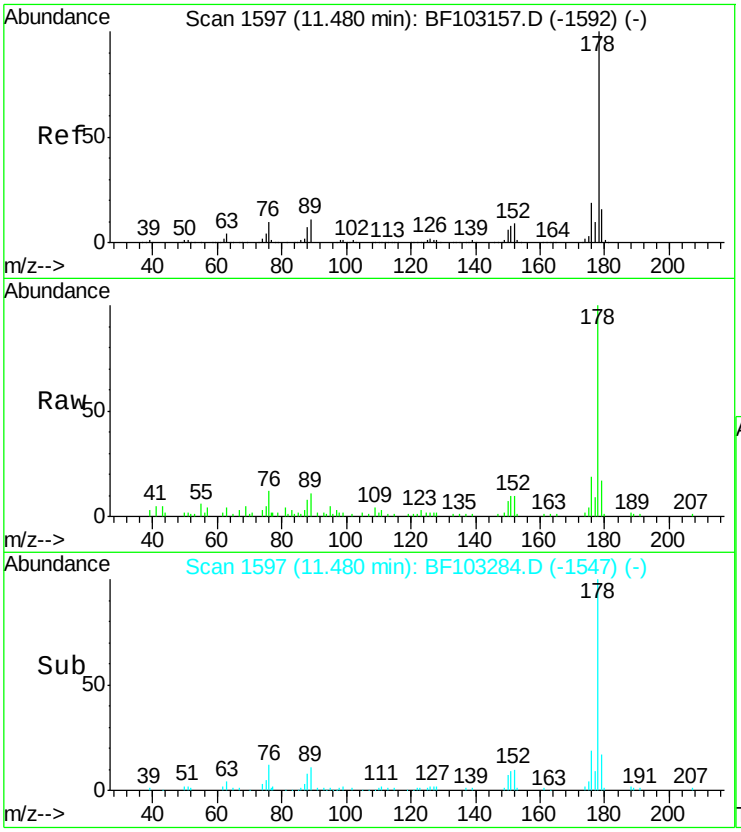


#70
Phenanthrene
Concen: 11.51 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:178 Resp: 207683

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	13.0	19.6



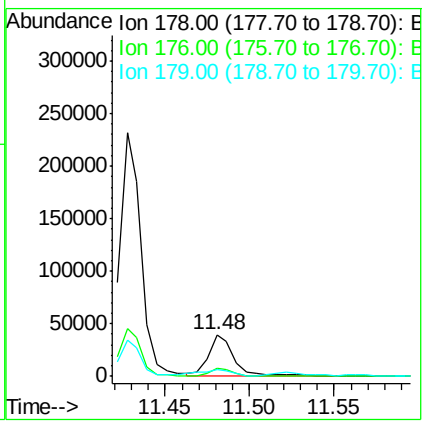


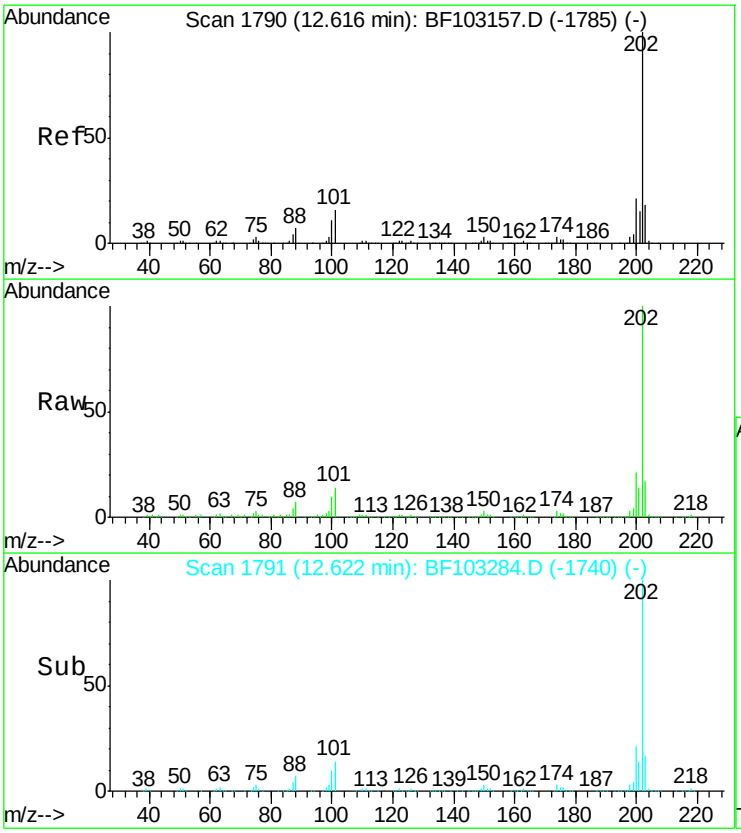
#71
Anthracene
Concen: 2.27 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41991

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.6	12.6	19.0

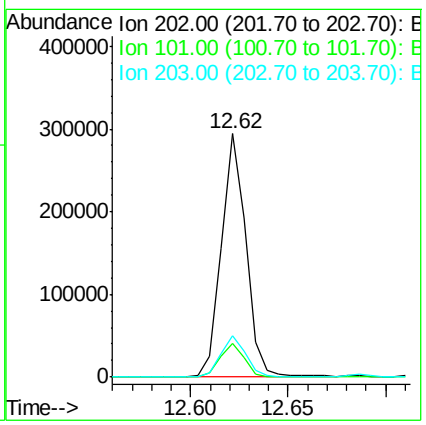


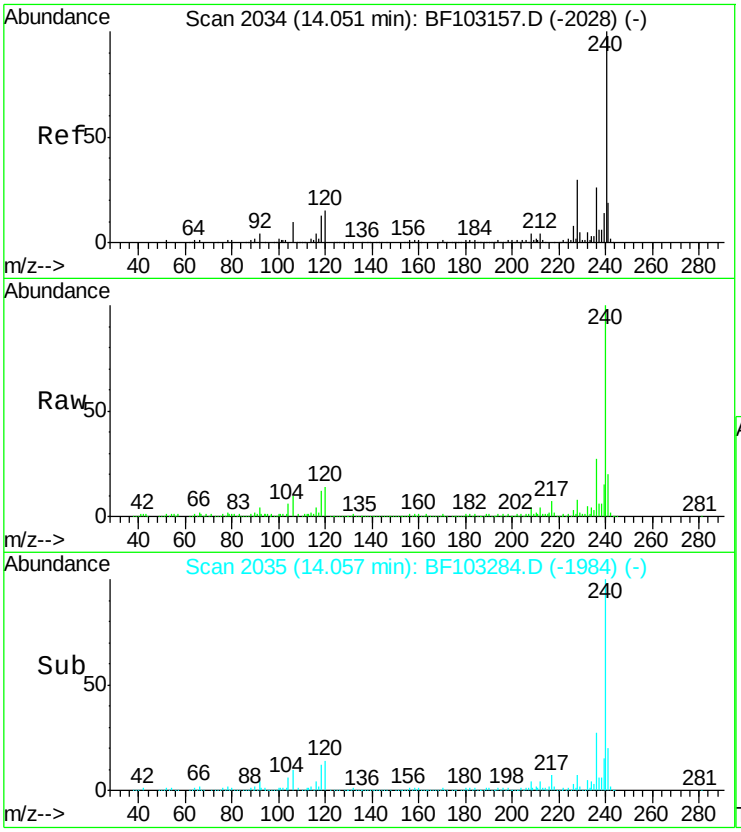


#74
Fluoranthene
Concen: 14.26 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:202 Resp: 258663

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	16.9	0.0	38.1



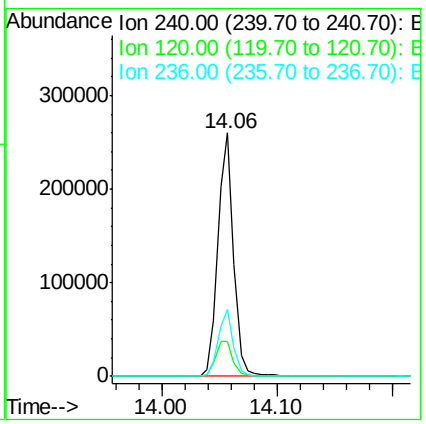


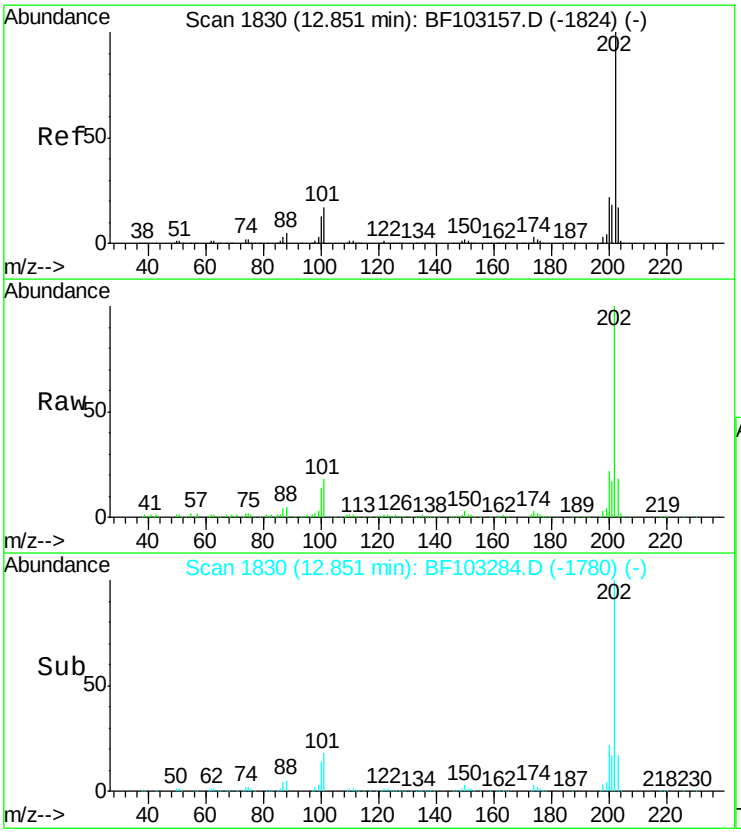
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 243694

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	27.4	20.7	31.1

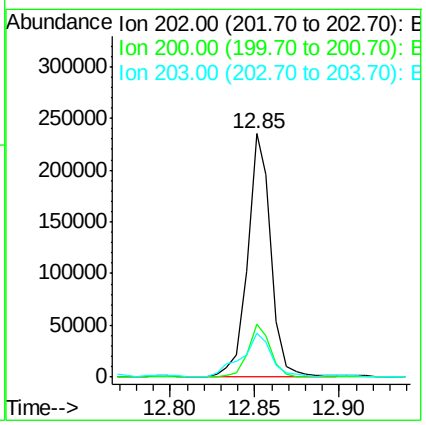


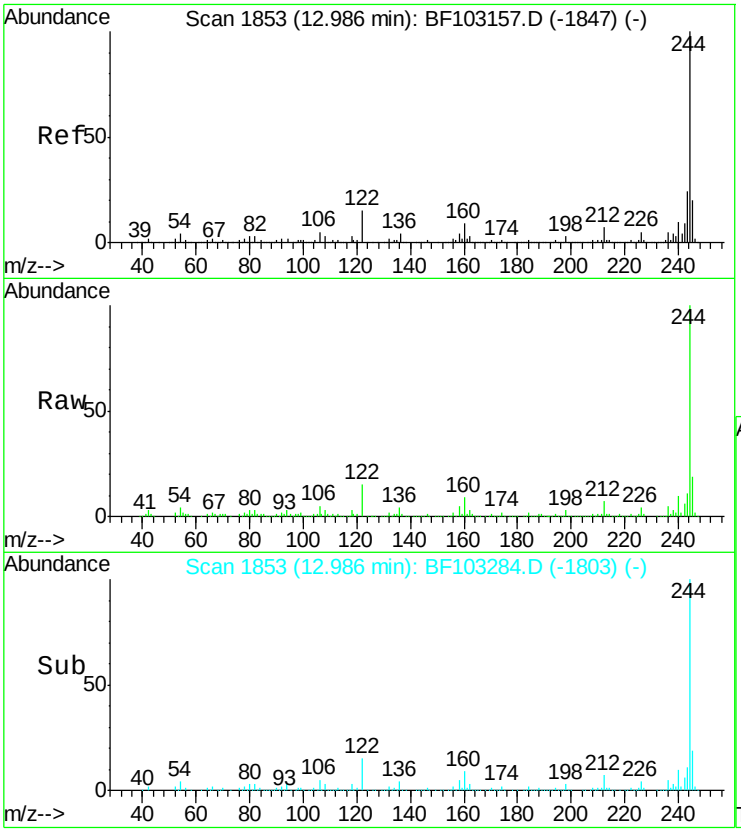


#77
Pyrene
Concen: 11.85 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:202 Resp: 225233

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5



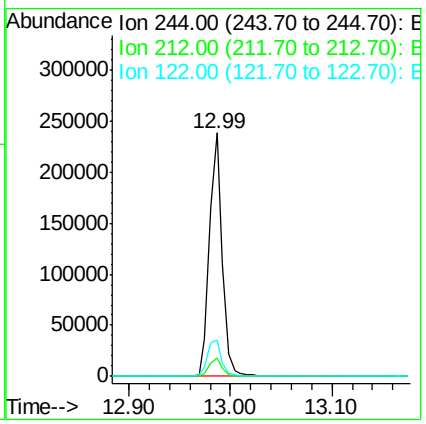


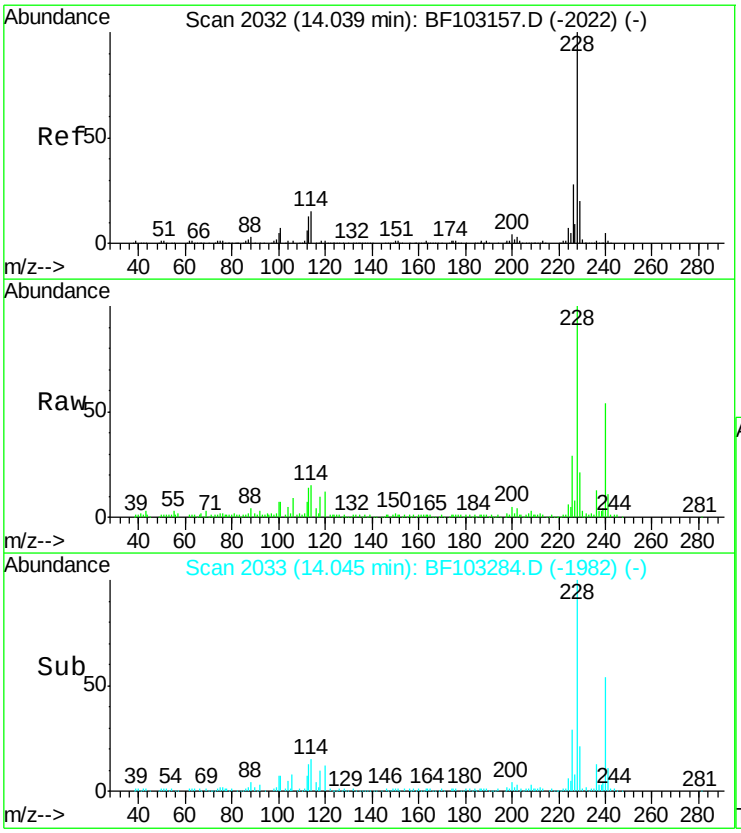
#78
Terphenyl-d14
Concen: 20.68 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 209687

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.0	11.0	16.4

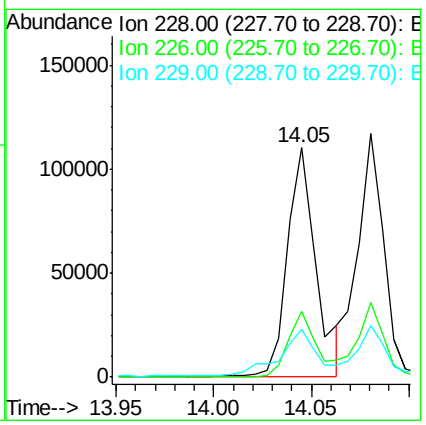


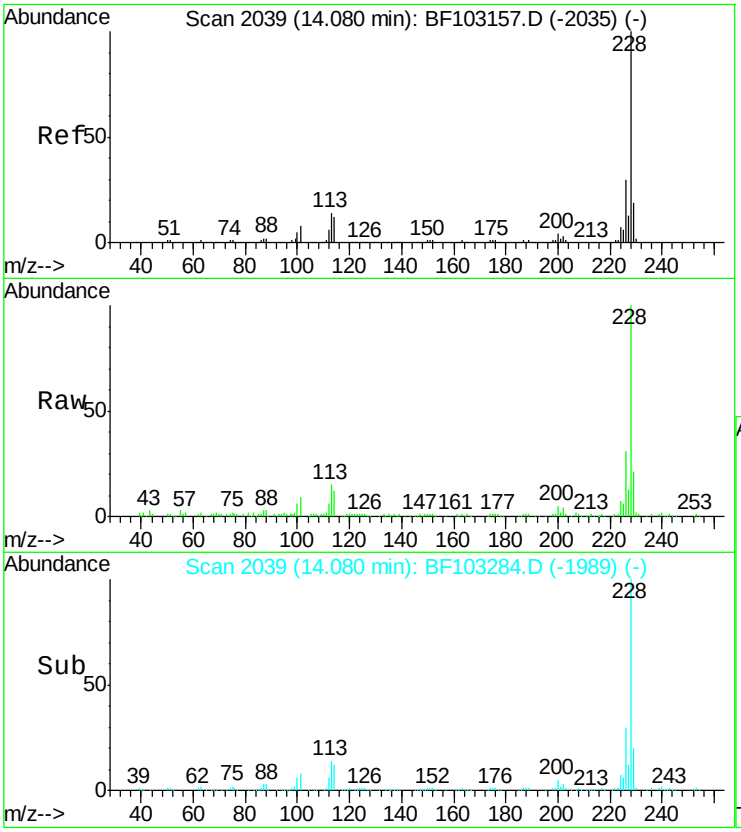


#80
Benzo(a)anthracene
Concen: 7.06 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:228 Resp: 111609

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.0	15.8	23.6



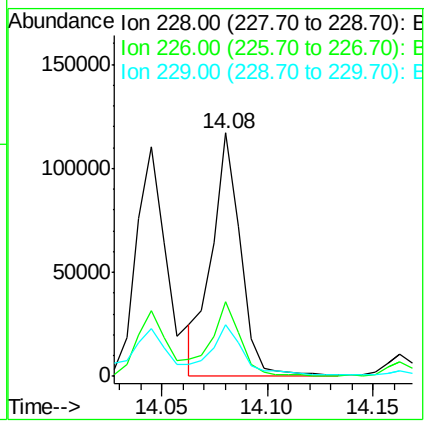


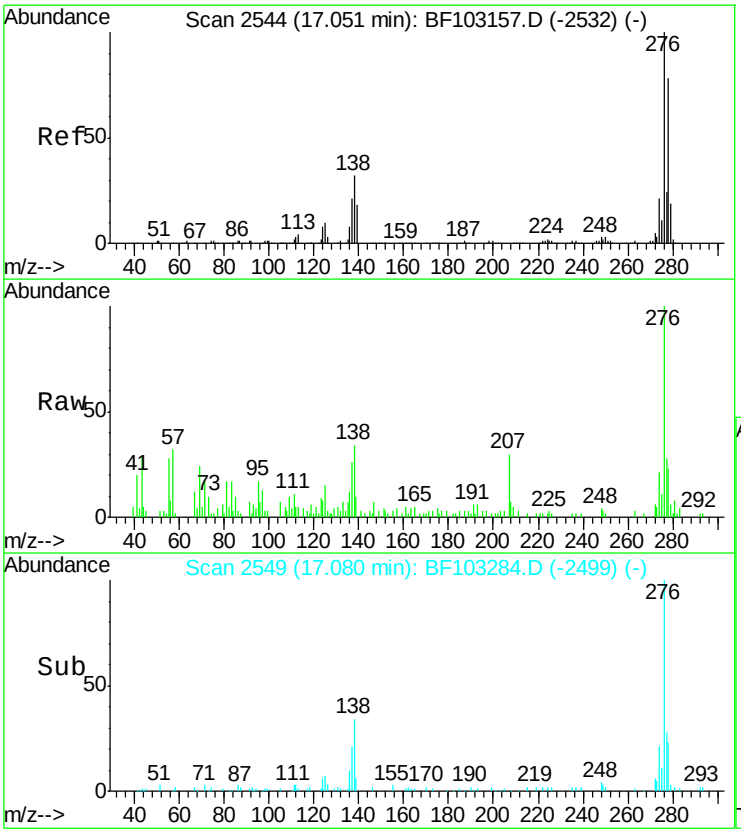
#82
Chrysene
Concen: 7.16 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 109978

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.0	16.2	24.4

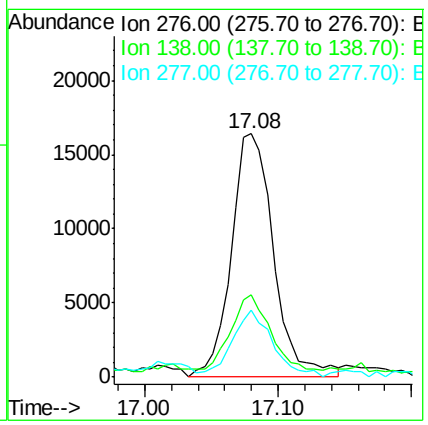


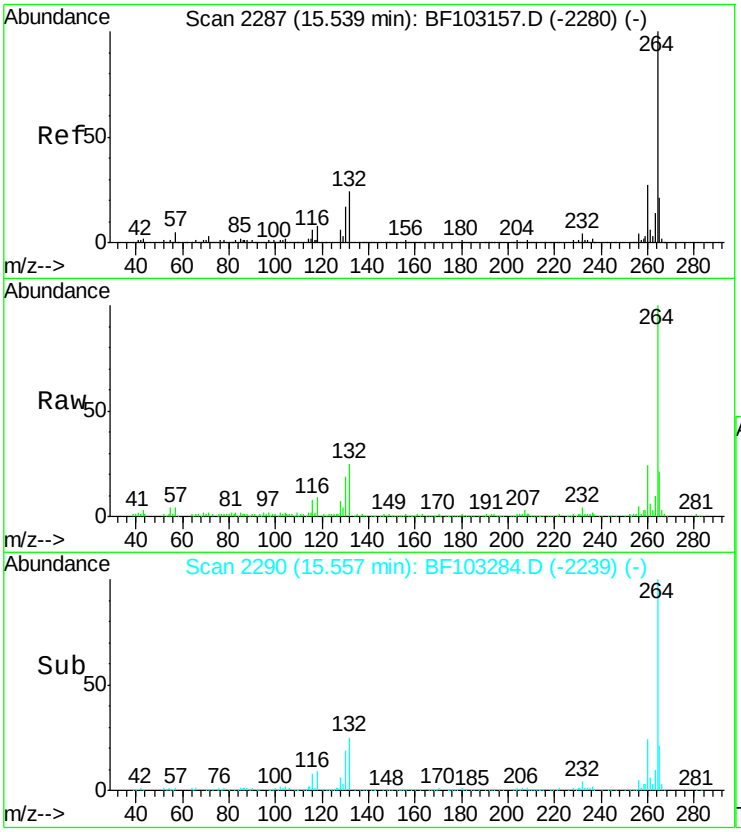


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:276 Resp: 36067

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	26.4	20.1	30.1



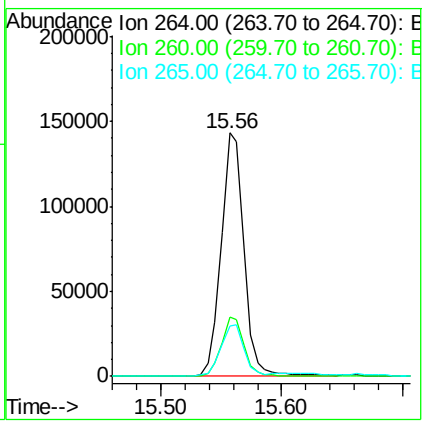


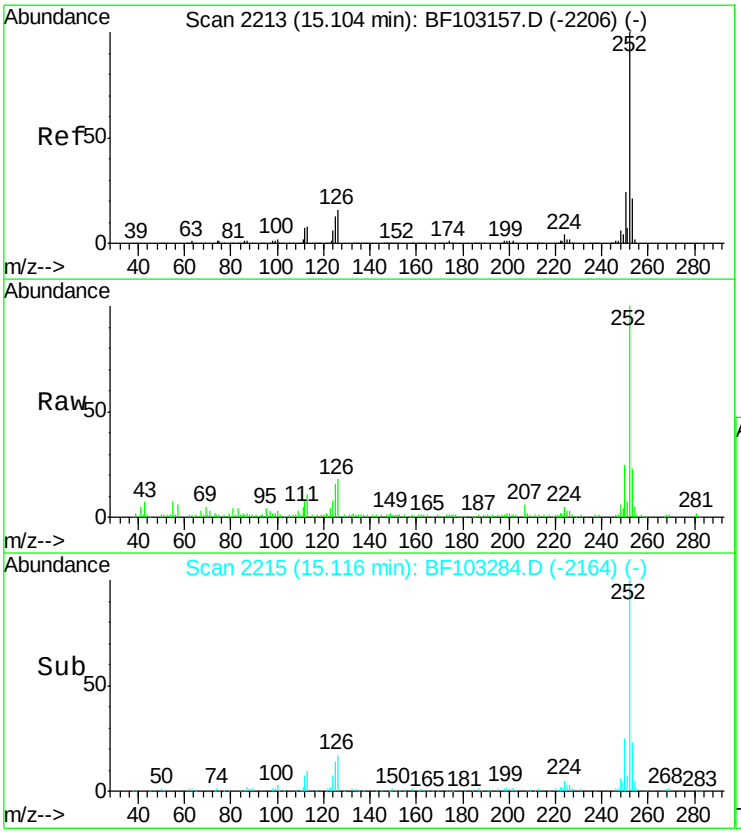
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 187424

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	17.5	26.3

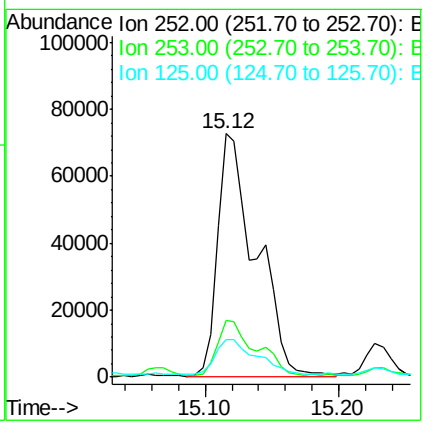


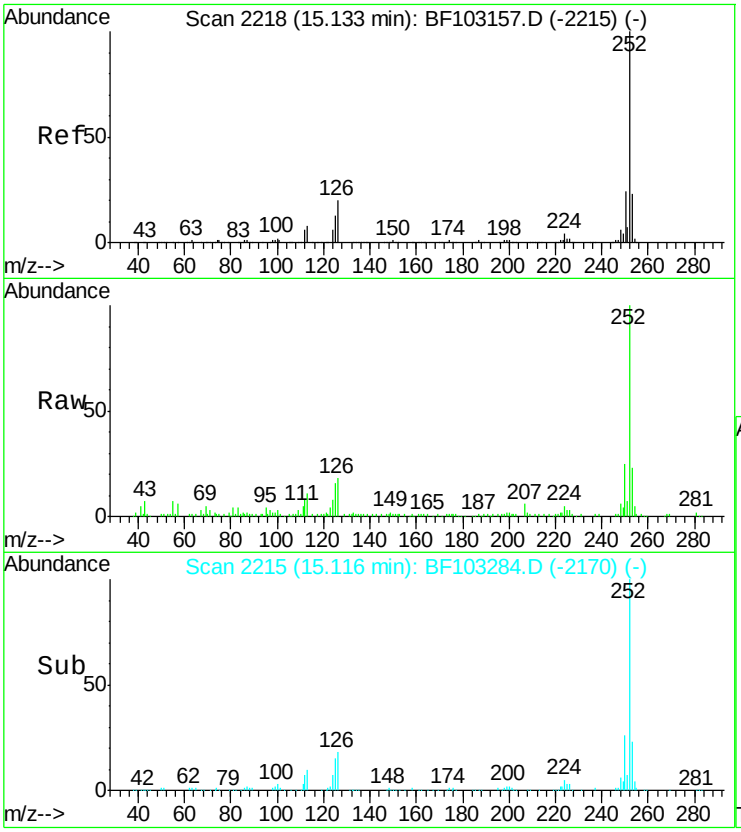


#87
Benzo(b)fluoranthene
Concen: 11.91 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:252 Resp: 146812

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	15.7	9.0	13.6#



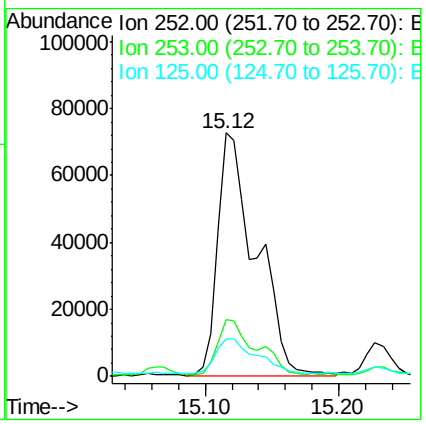


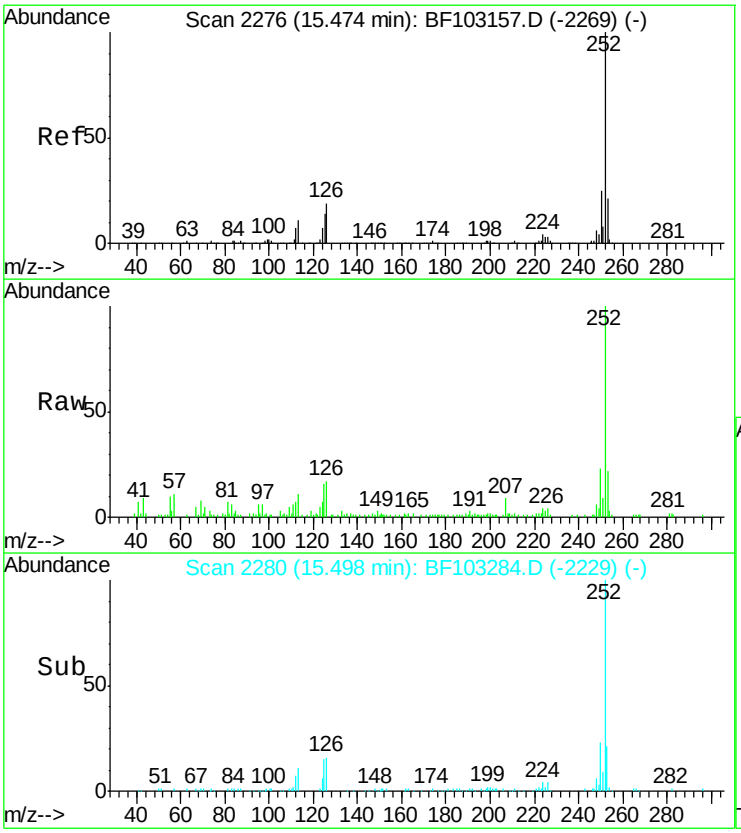
#88
Benzo(k)fluoranthene
Concen: 12.65 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 146812

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.7	10.2	15.2#

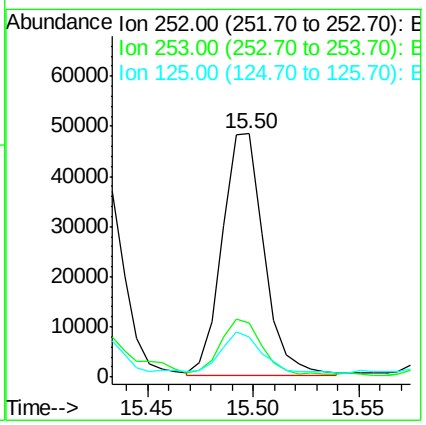


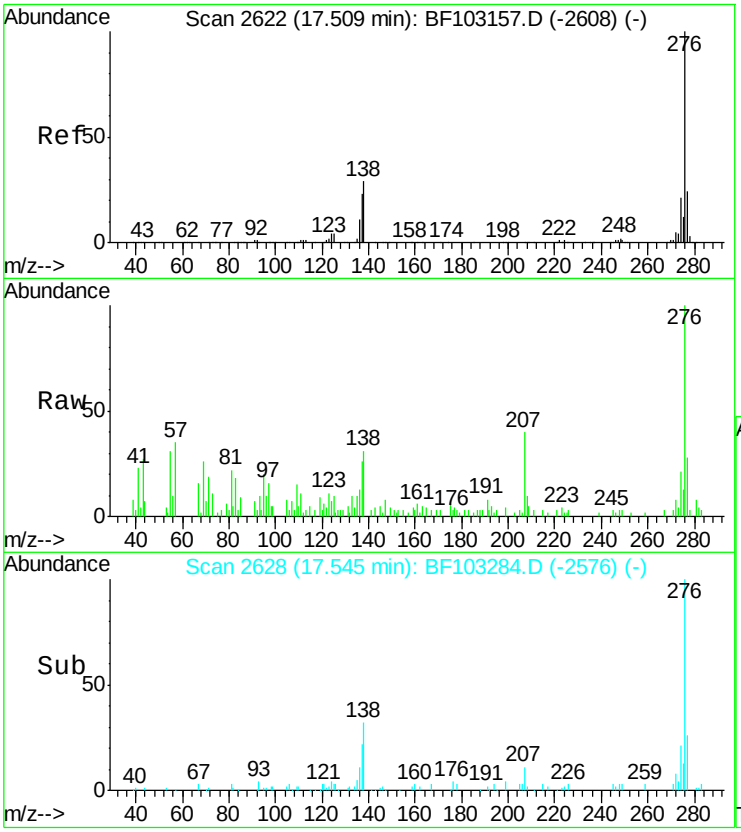


#89
Benzo(a)pyrene
Concen: 6.01 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Tgt Ion:252 Resp: 66089

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	16.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.10 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF103284.D
Acq: 28 Feb 2018 1:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34072

Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	31.3	21.8	32.8