Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103578.D
Acq On : 12 Mar 2018 13:33
Operator : SJ/JU
Sample : J1776-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-6FT

Quant Time: Mar 12 14:16:49 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147824	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	636296	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	262342	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	379814	20.00	ng		0.00
75) Chrysene-d12	14.06	240	224307	20.00	ng		0.00
86) Perylene-d12	15.57	264	214217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1007726	103.10	ng		0.00
7) Phenol-d6	6.50	99	1245095	104.11	ng		0.00
23) Nitrobenzene-d5	7.43	82	796879	71.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	177468	79.92	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1133131	71.65	ng		0.00
78) Terphenyl-d14	12.98	244	707989	75.87	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2028	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	103277	13.875	ng	#	85
25) Isophorone	7.43	82	796879	36.314	ng	#	64
49) Dimethylphthalate	9.61	163	120631	5.732	ng		100
56) 2,4-Dinitrotoluene	9.90	165	33142	5.933	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	309	5.065	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12363	3.125	ng	#	1
70) Phenanthrene	11.42	178	72994	3.492	ng		99
74) Fluoranthene	12.62	202	68171	3.246	ng		98
77) Pyrene	12.85	202	65048	3.720	ng		99
87) Benzo(b)fluoranthene	15.13	252	37078	2.633	ng	#	79
88) Benzo(k)fluoranthene	15.13	252	37078	2.796	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103578.D
Acq On : 12 Mar 2018 13:33
Operator : SJ/JU
Sample : J1776-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Quant Time: Mar 12 14:16:49 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
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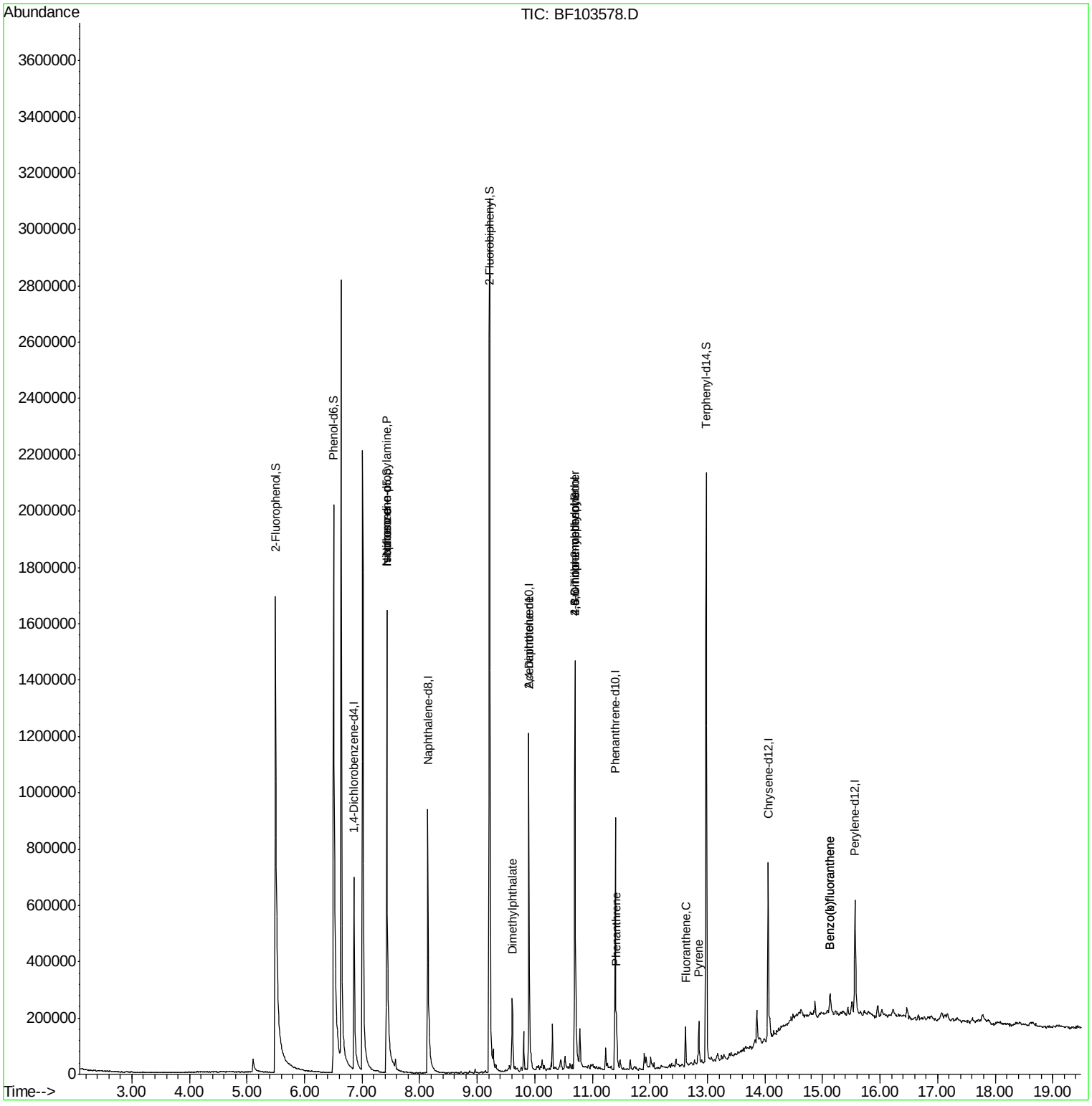
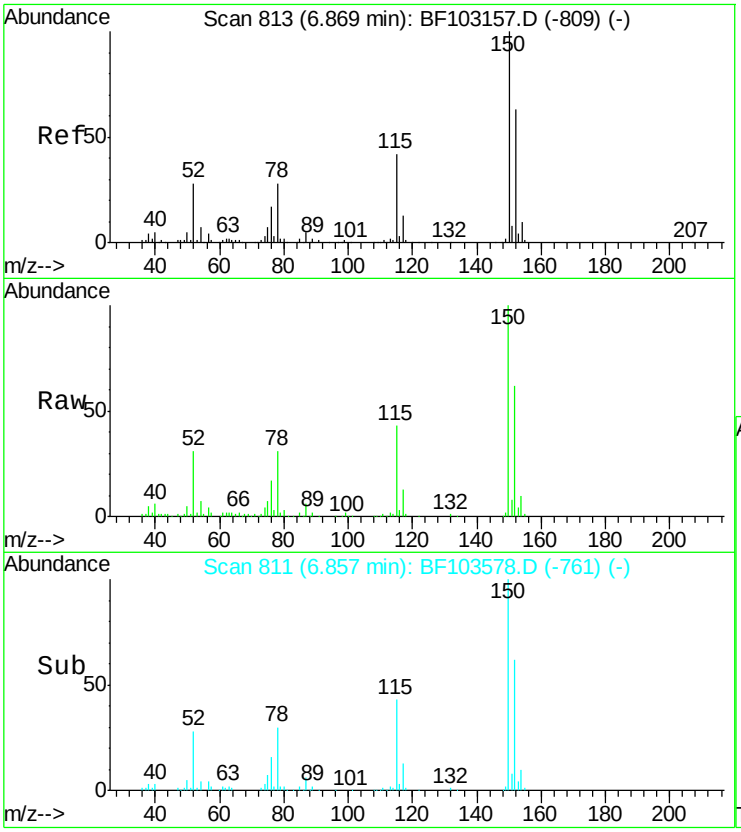


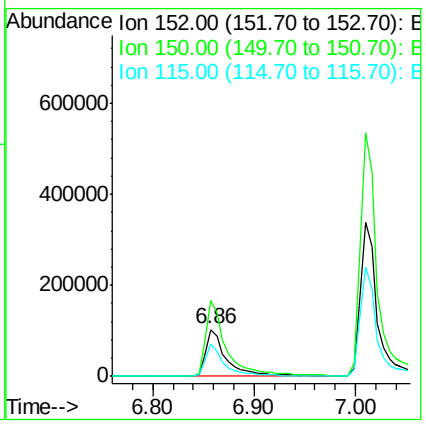


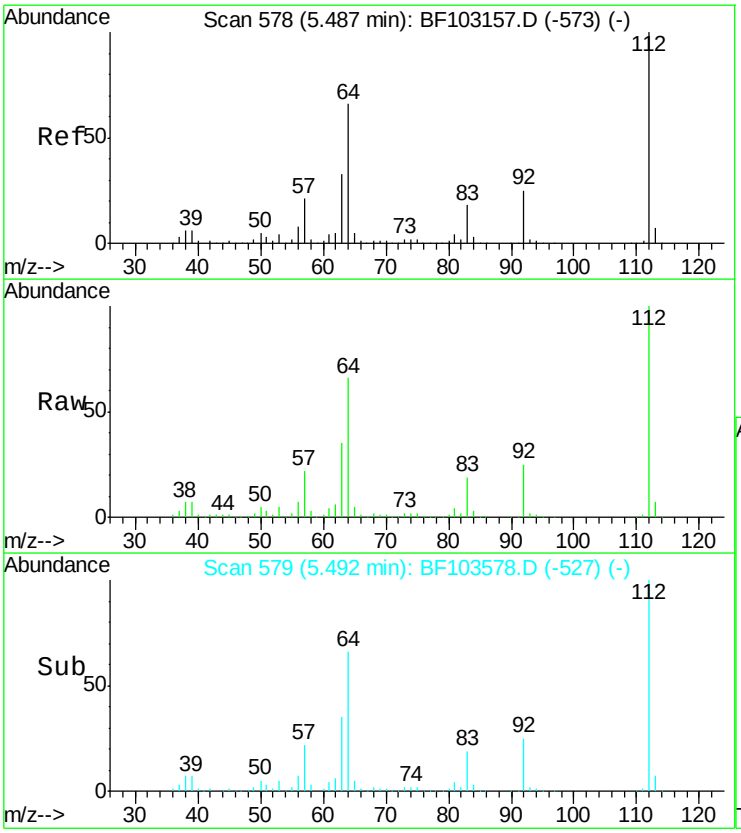
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:152 Resp: 147824

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	68.3	50.1	75.1

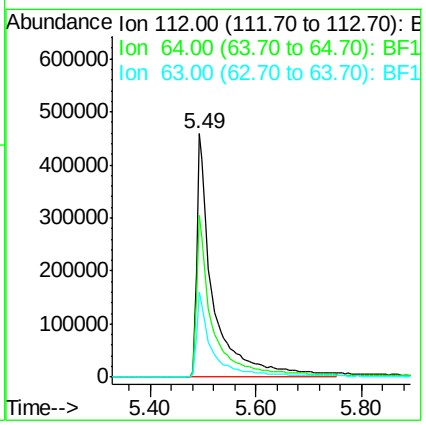


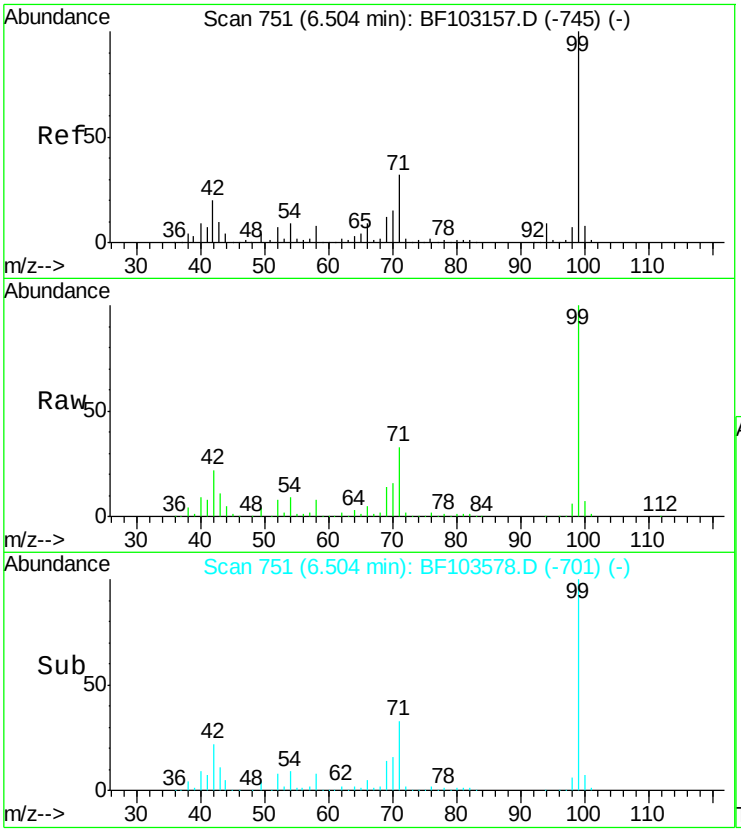


#5
2-Fluorophenol
Concen: 103.103 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:112 Resp: 1007726

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.6	23.7	35.5



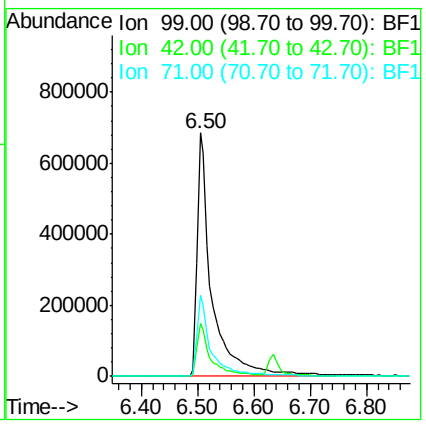


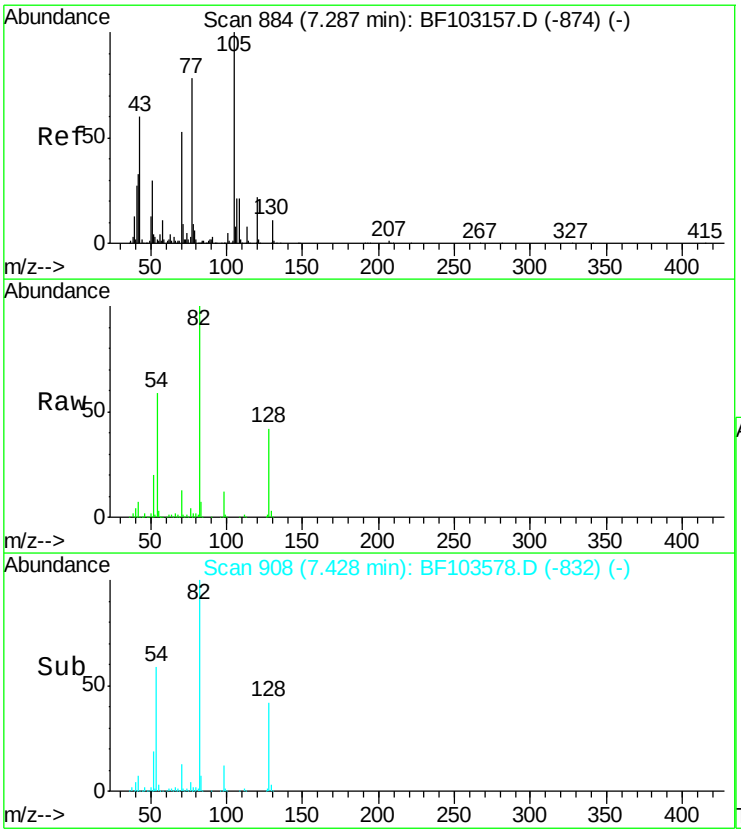
#7
Phenol-d6
Concen: 104.106 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion: 99 Resp: 1245095

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.1	25.4	38.0

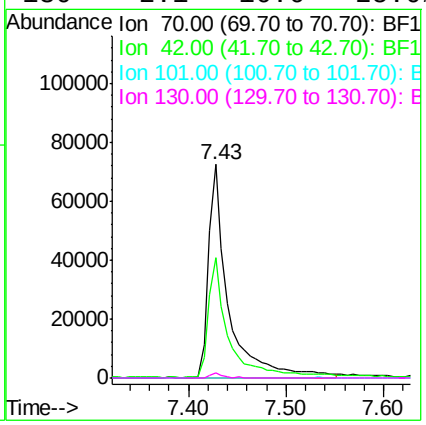


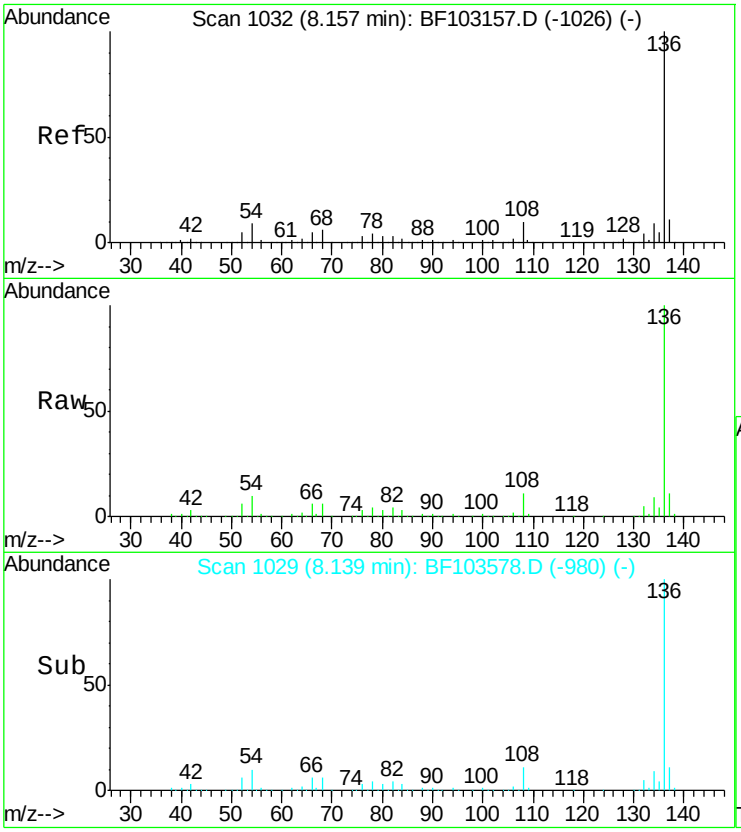


#19
n-Nitroso-di-n-propylamine
Concen: 13.875 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion: 70 Resp: 103277

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



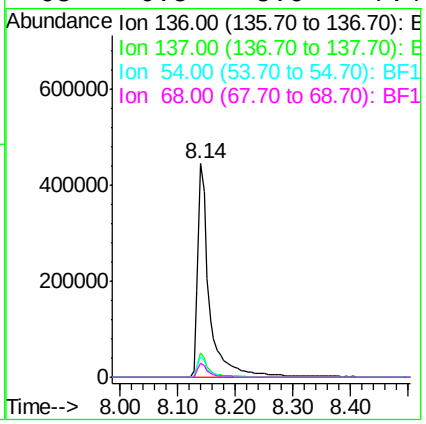


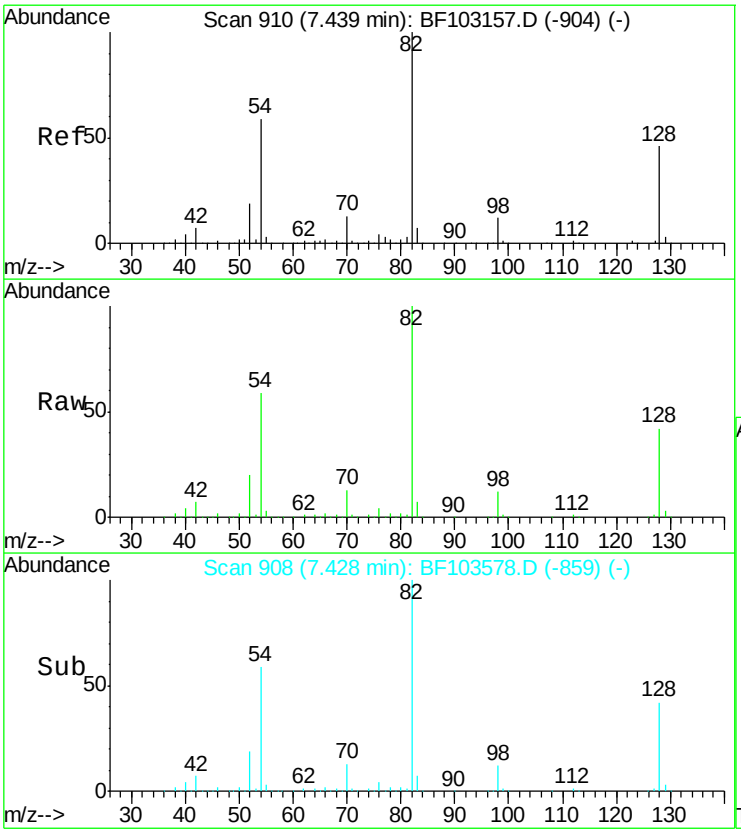
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:136 Resp: 636296

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8
68	6.5	5.0	7.4

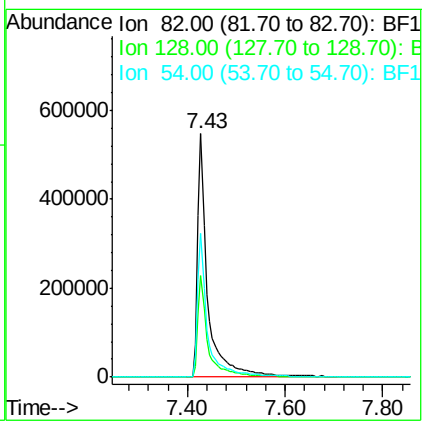


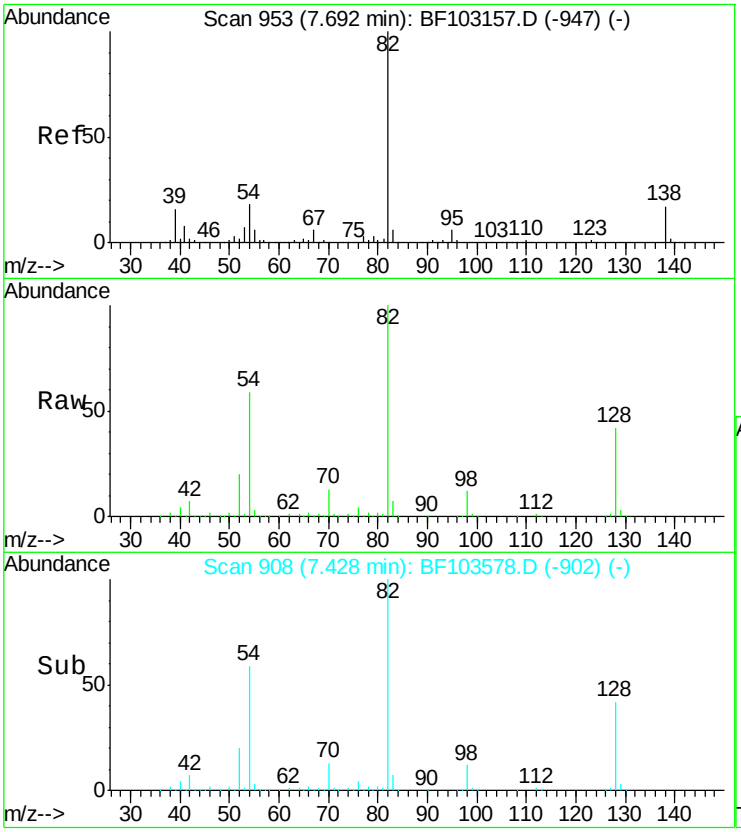


#23
Nitrobenzene-d5
Concen: 71.521 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion: 82 Resp: 796879

Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	58.9	41.4	62.2



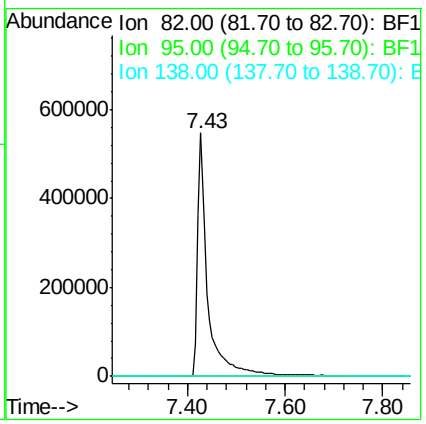


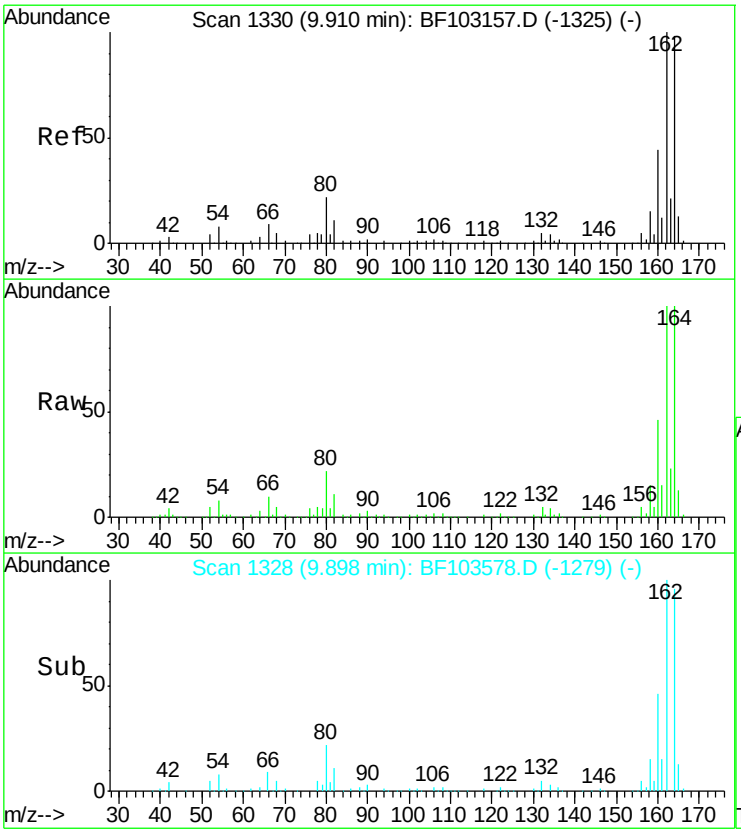
#25
Isophorone
Concen: 36.314 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion: 82 Resp: 796879

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

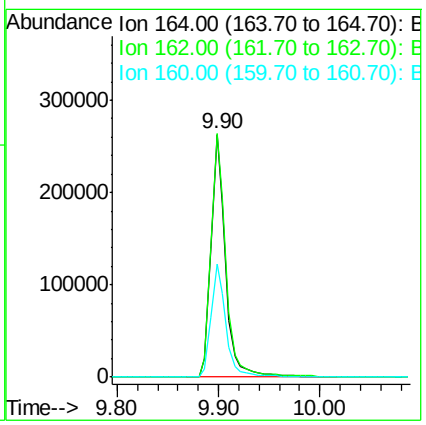


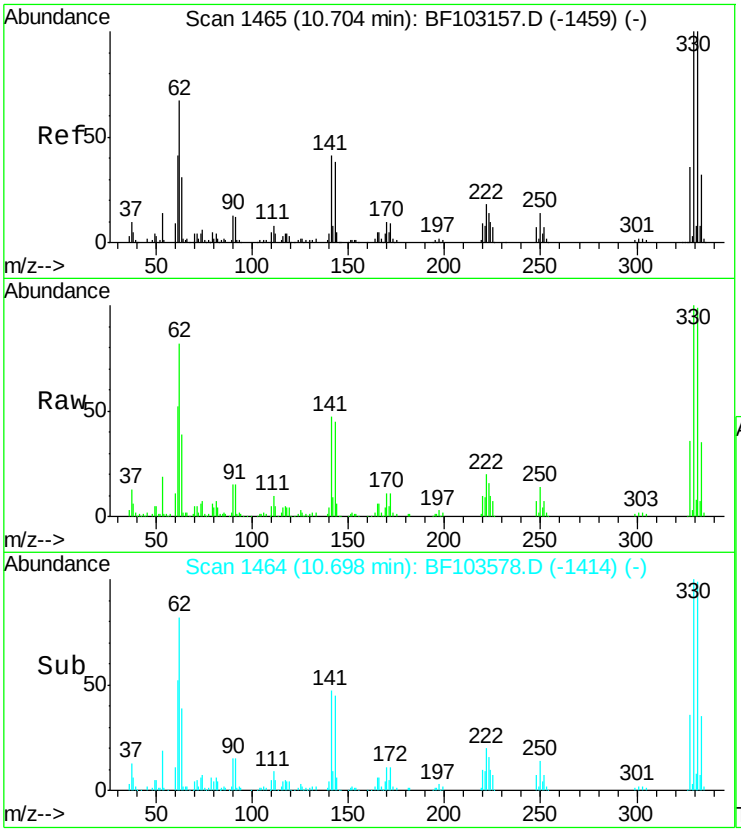


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:164 Resp: 262342

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.5	38.3	57.5



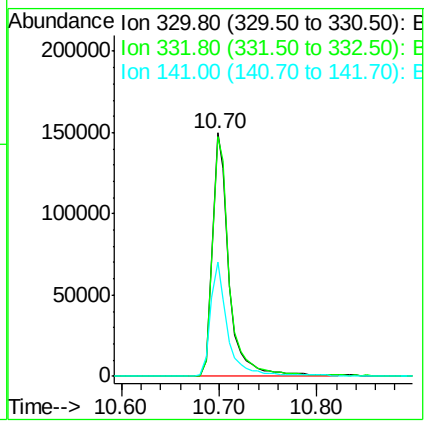


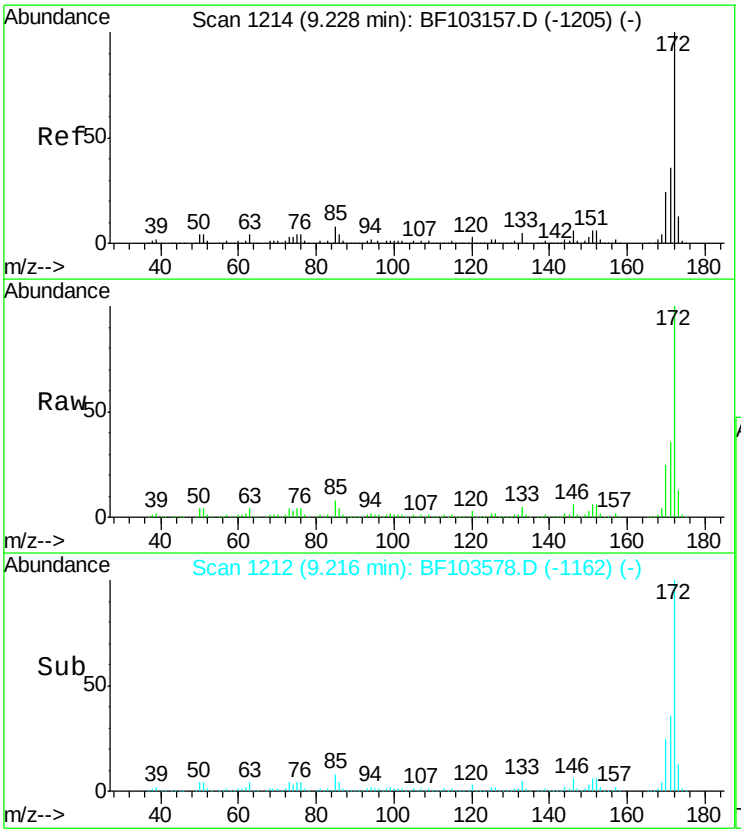
#41
2,4,6-Tribromophenol
Concen: 79.920 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:330 Resp: 177468

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	47.4	29.9	44.9#

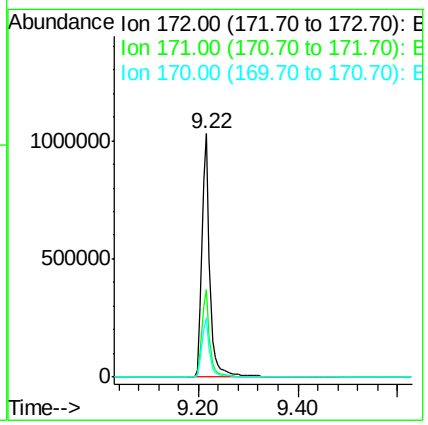


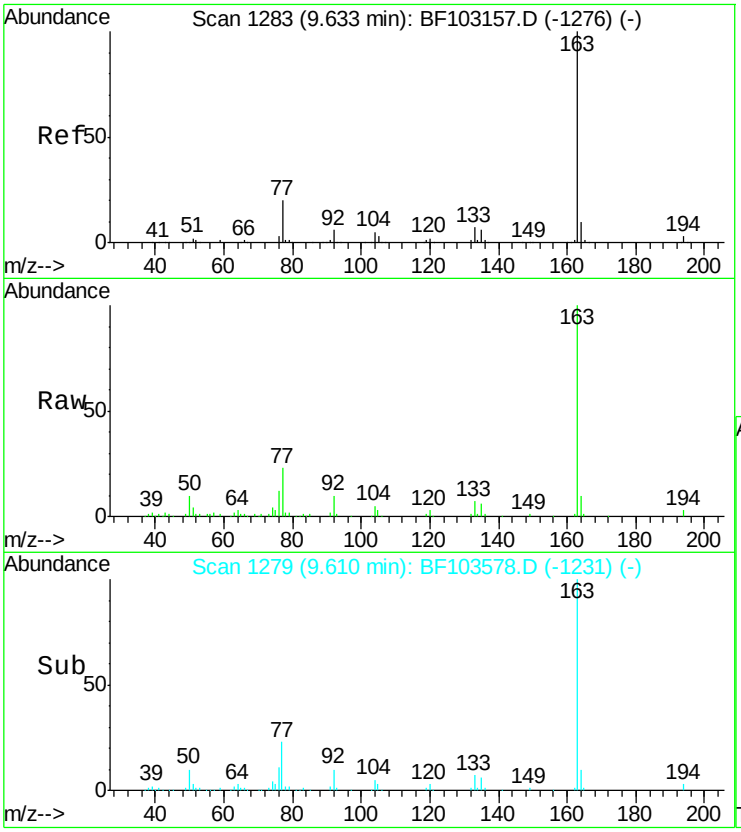


#44
2-Fluorobiphenyl
Concen: 71.648 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:172 Resp: 1133131

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.6	19.6	29.4



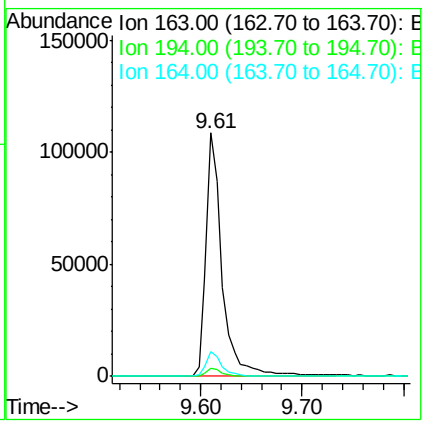


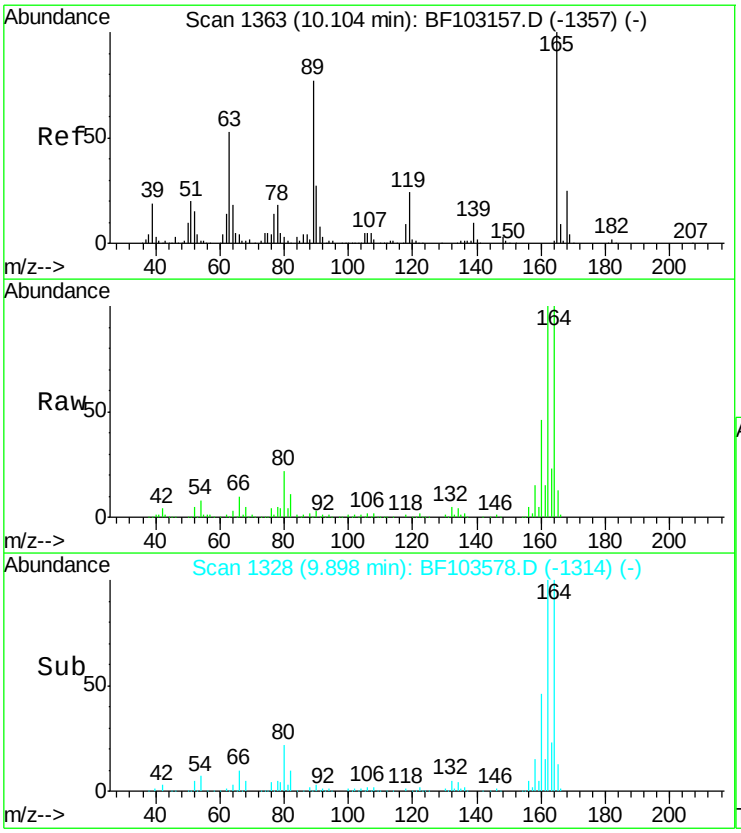
#49
Dimethylphthalate
Concen: 5.732 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:163 Resp: 120631

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2

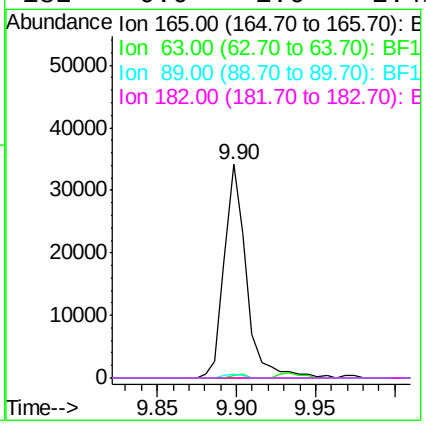


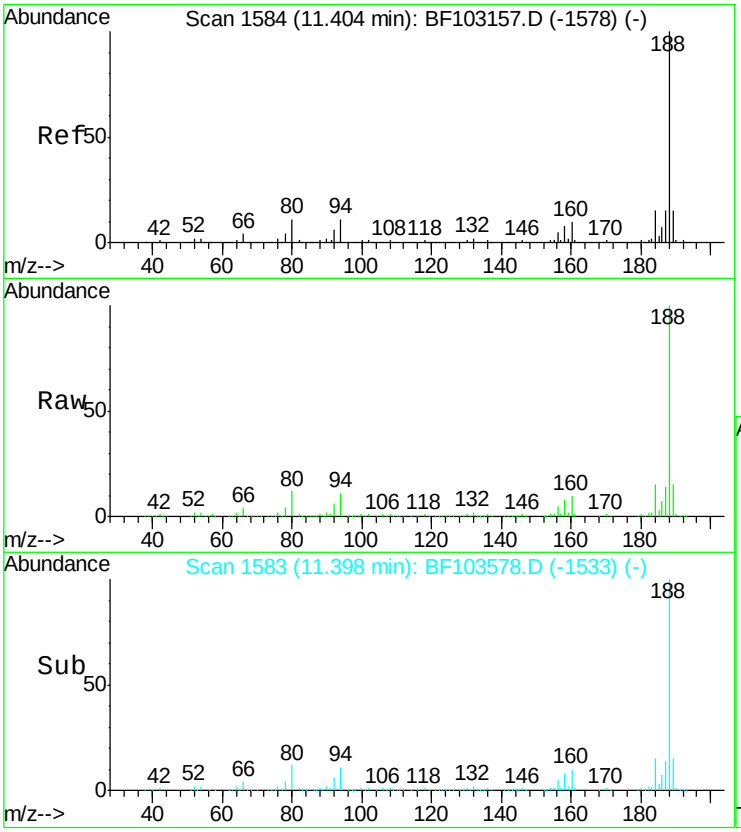


#56
2,4-Dinitrotoluene
Concen: 5.933 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:165 Resp: 33142

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



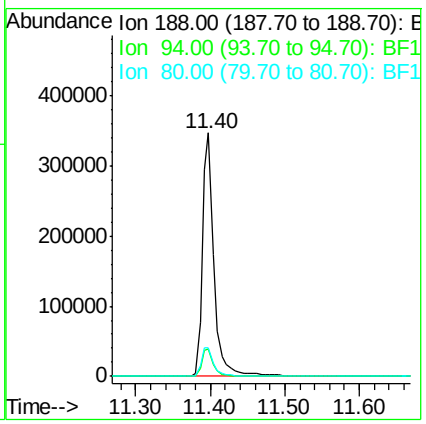


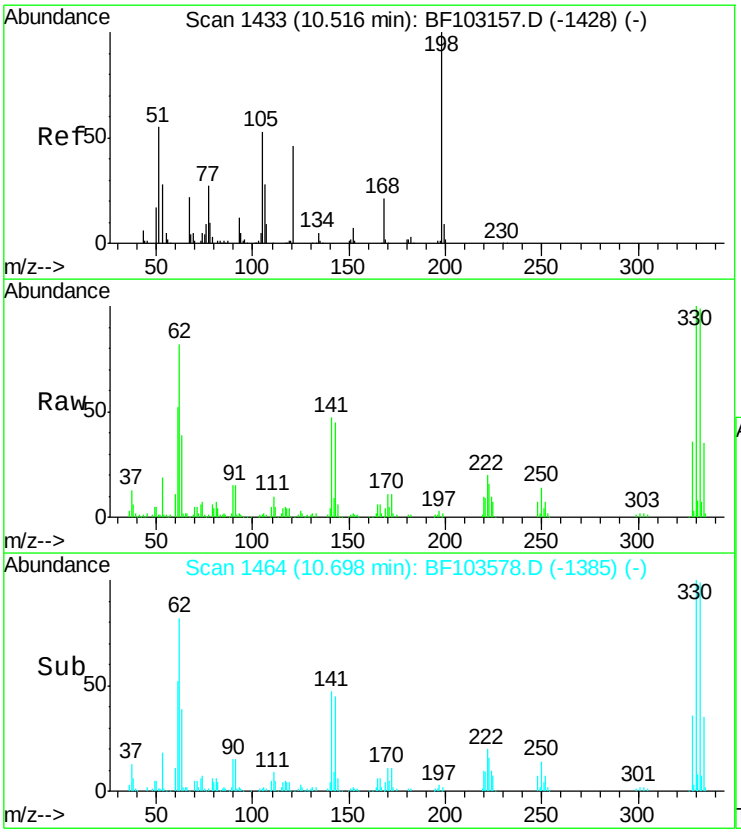
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:188 Resp: 379814

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8

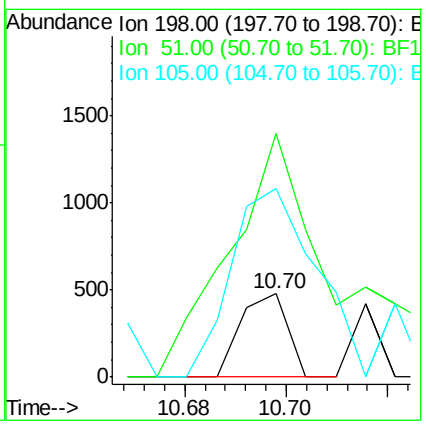


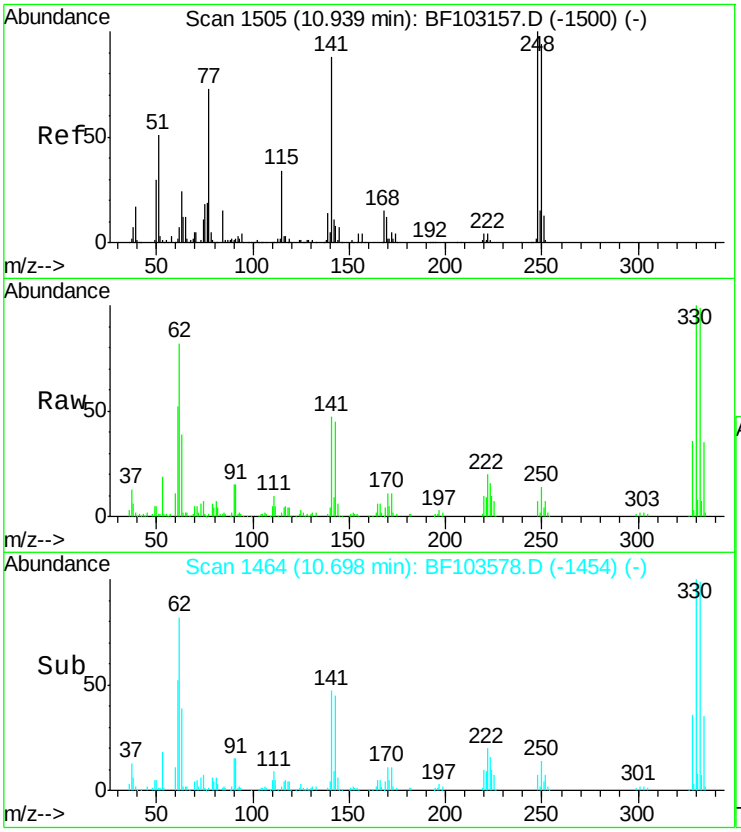


#64
4,6-Dinitro-2-methylphenol
Concen: 5.065 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:198 Resp: 309

Ion	Ratio	Lower	Upper
198	100		
51	293.1	37.7	77.7#
105	226.6	36.3	76.3#



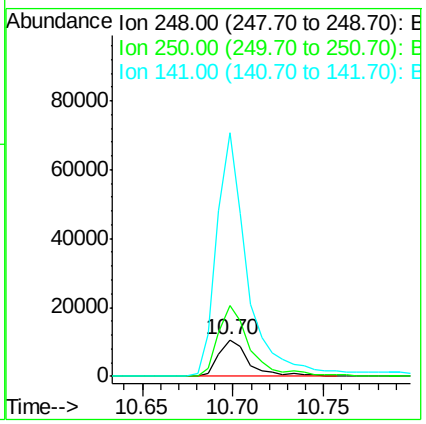


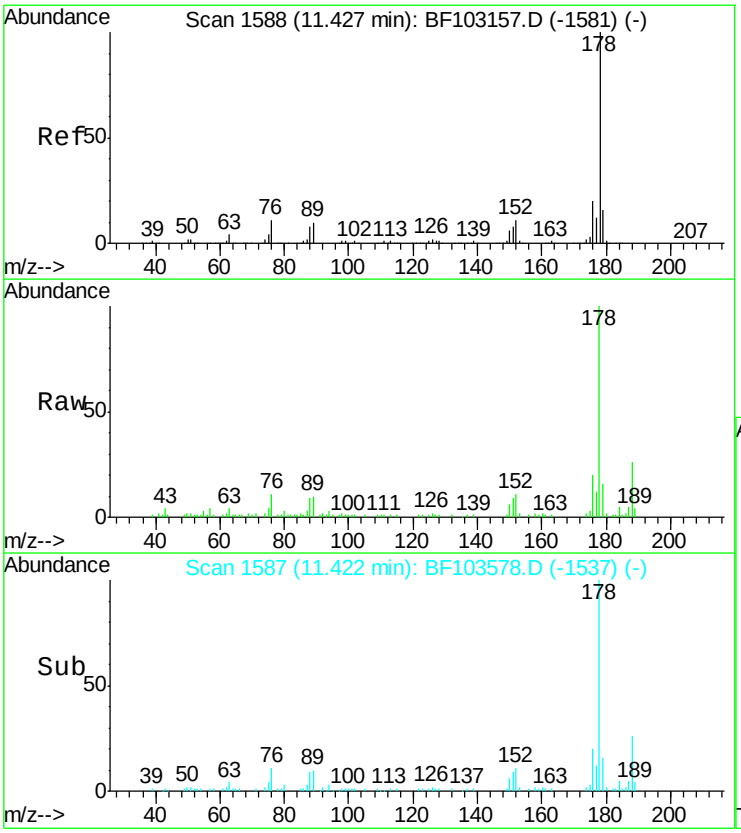
#66
4-Bromophenyl-phenylether
Concen: 3.125 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:248 Resp: 12363

Ion	Ratio	Lower	Upper
248	100		
250	193.3	76.9	115.3#
141	664.5	74.4	111.6#

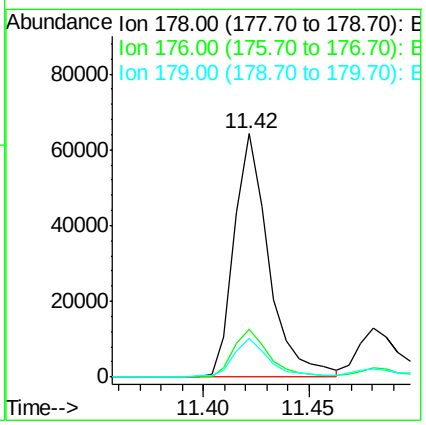


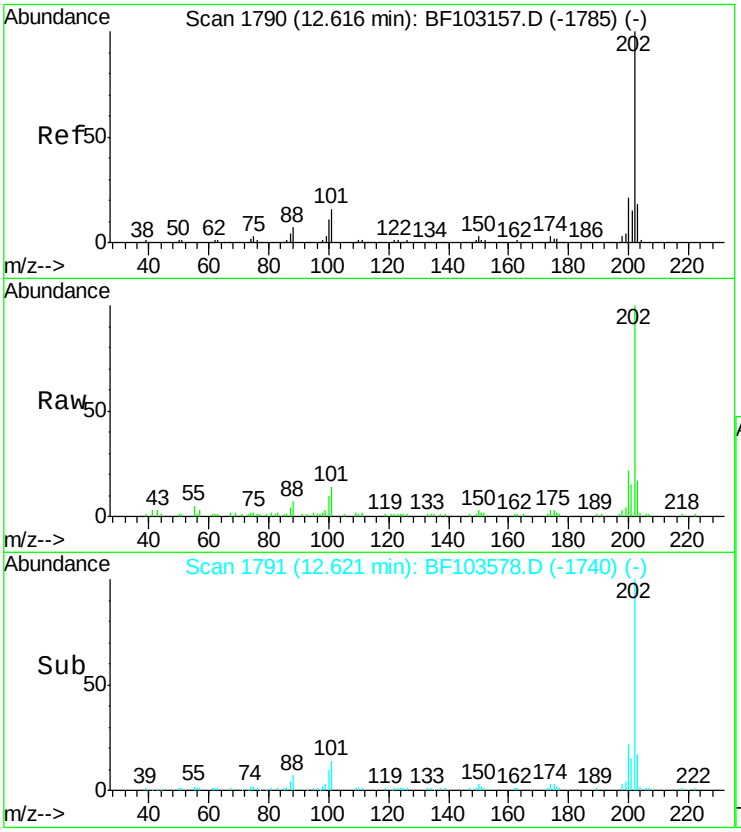


#70
Phenanthrene
Concen: 3.492 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:178 Resp: 72994

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.1	13.0	19.6



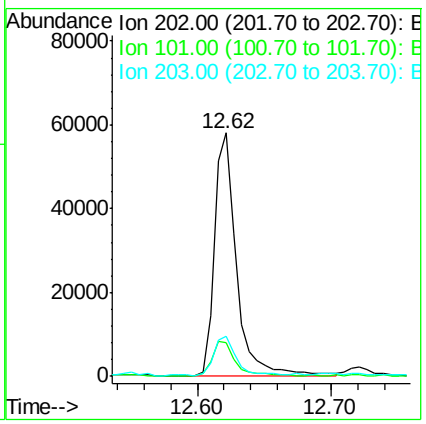


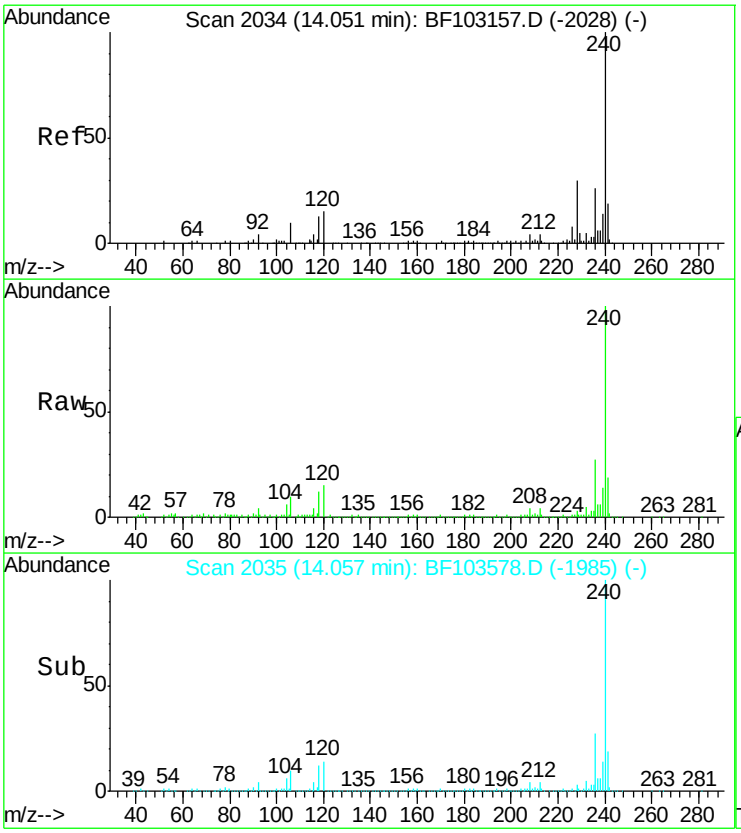
#74
Fluoranthene
Concen: 3.246 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:202 Resp: 68171

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	16.6	0.0	38.1

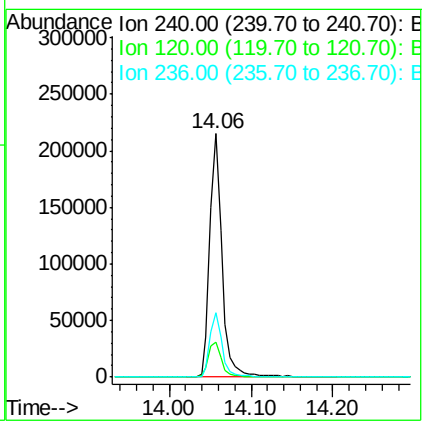


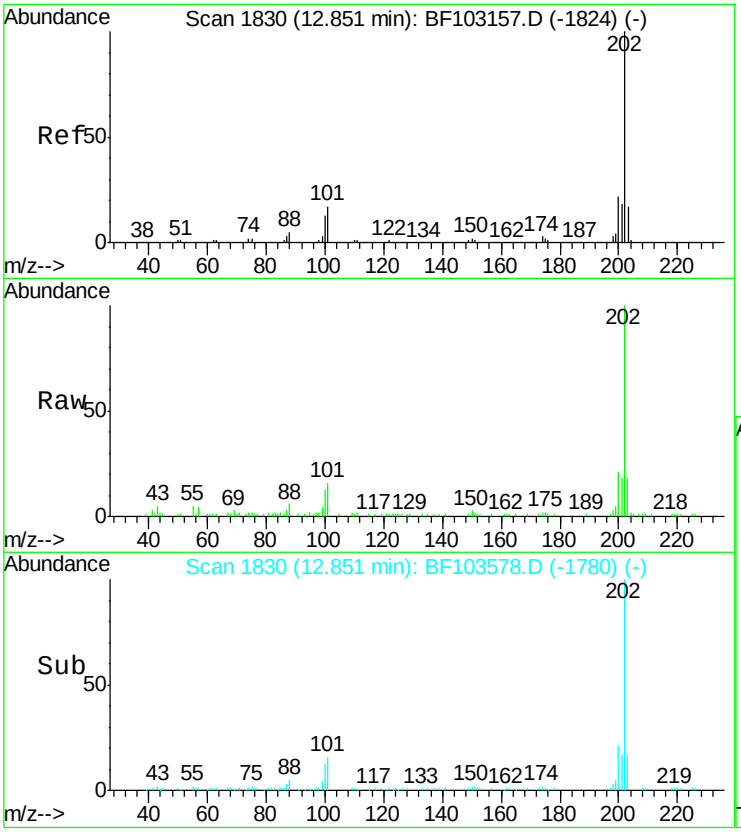


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:240 Resp: 224307

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.7	20.7	31.1



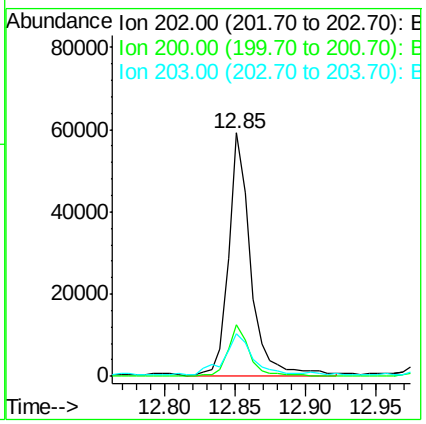


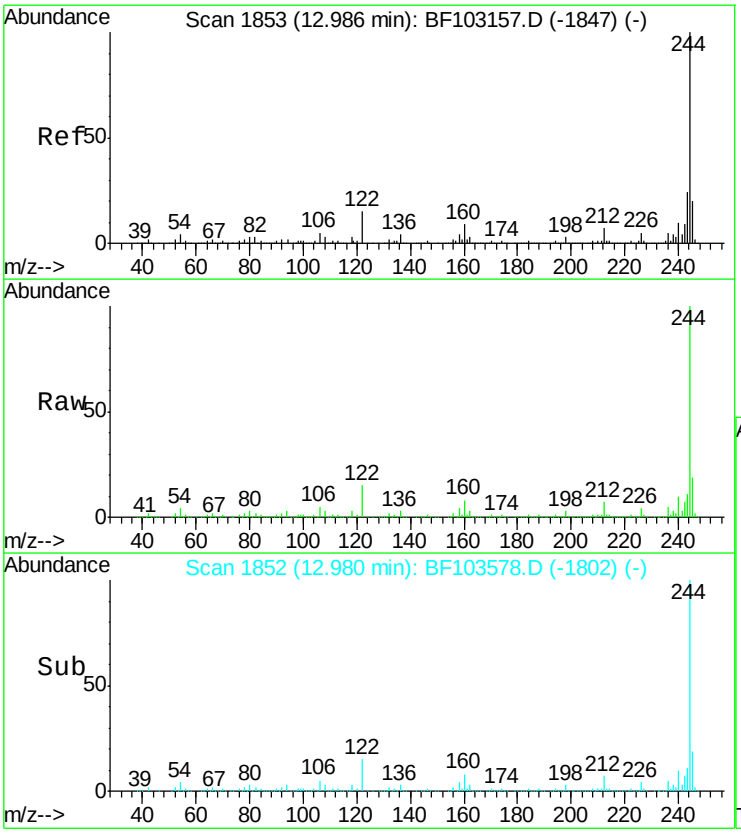
#77
Pyrene
Concen: 3.720 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:202 Resp: 65048

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

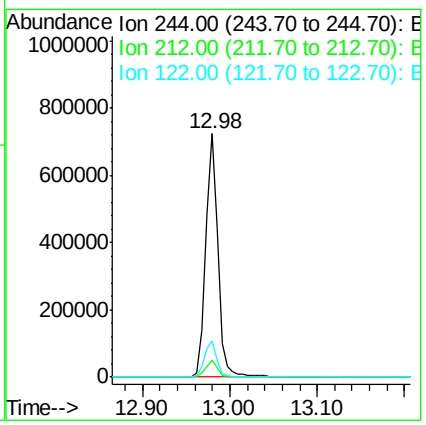


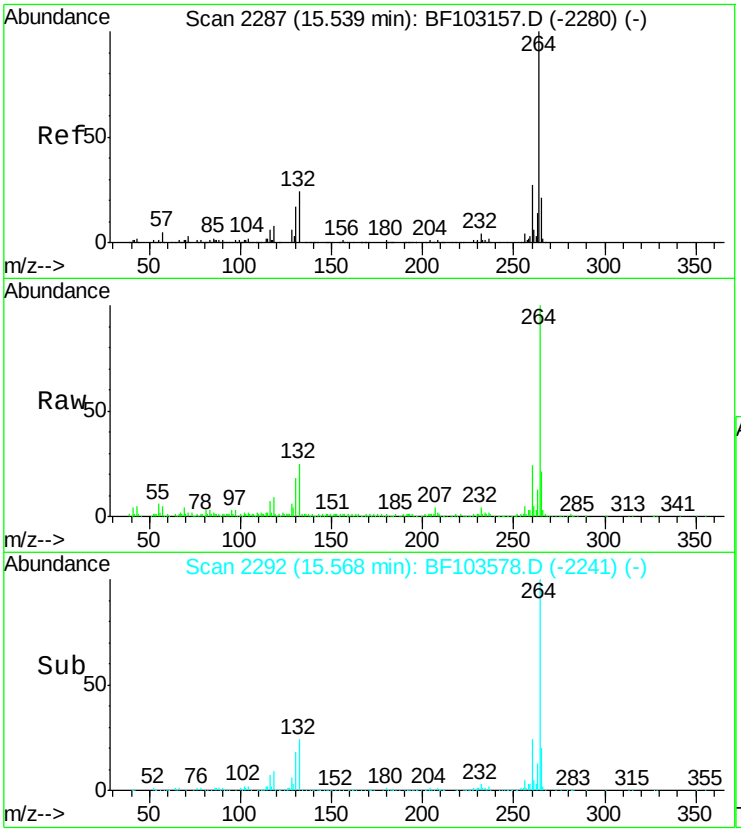


#78
Terphenyl-d14
Concen: 75.874 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:244 Resp: 707989

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.0	11.0	16.4



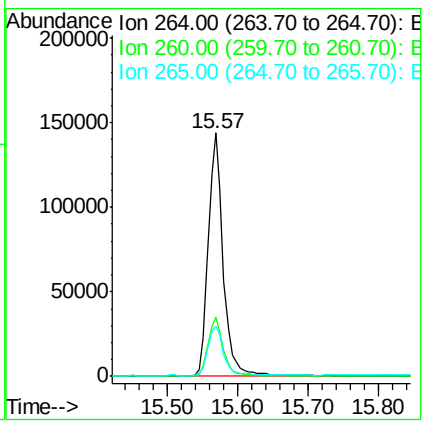


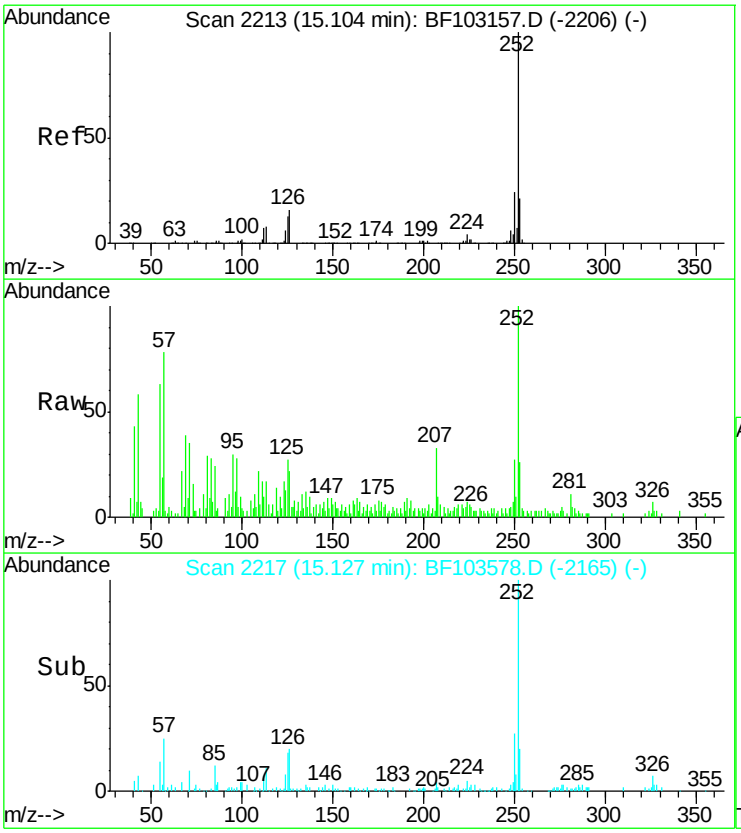
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:264 Resp: 214217

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.5	26.3

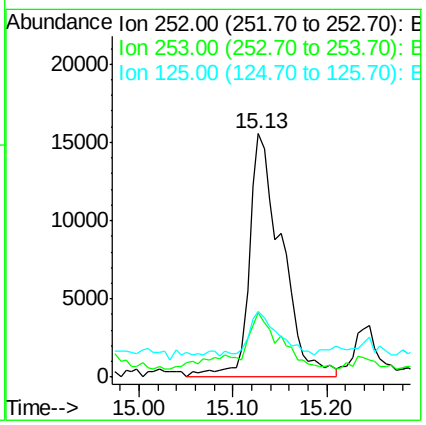


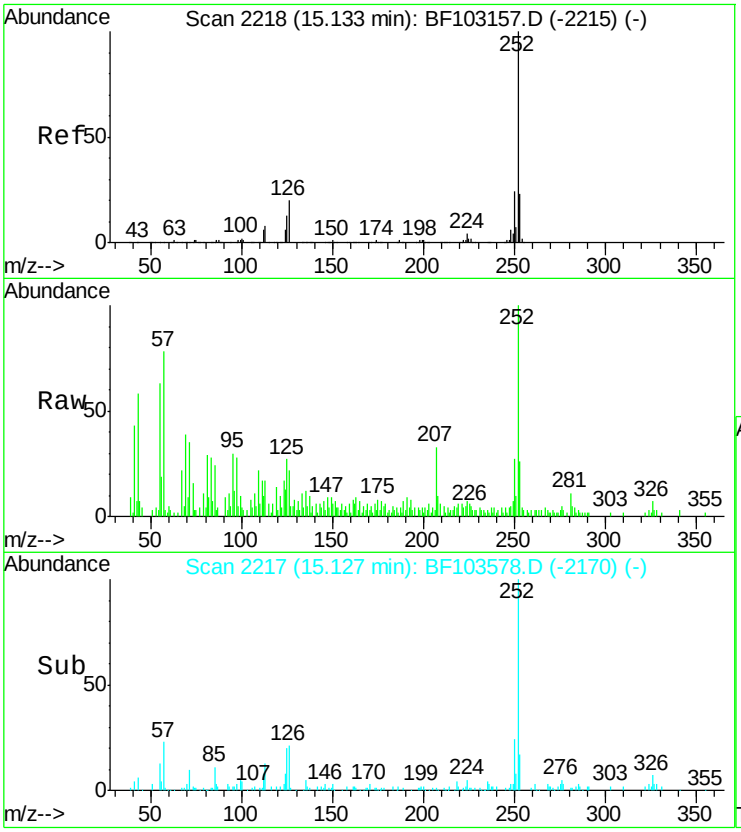


#87
Benzo(b)fluoranthene
Concen: 2.633 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Tgt Ion:252 Resp: 37078

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	26.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.796 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103578.D
Acq: 12 Mar 2018 13:33

Instrument :
BNA_F
ClientSampleId :
TP-2-6FT

Tgt Ion:252 Resp: 37078

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	26.9	10.2	15.2#