Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103308.D
Acq On : 28 Feb 2018 22:04
Operator : SJ/JU
Sample : J1716-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 00:05:22 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	163910	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	686957	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	285228	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	385101	20.00	ng		0.00
75) Chrysene-d12	14.06	240	252603	20.00	ng		0.00
86) Perylene-d12	15.56	264	239213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1081969	99.84	ng		0.00
7) Phenol-d6	6.51	99	1282794	96.73	ng		0.00
23) Nitrobenzene-d5	7.44	82	864001	71.83	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	179737	74.45	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1098313	62.13	ng		0.00
78) Terphenyl-d14	12.99	244	642073	61.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	115736	14.023	ng	#	82
25) Isophorone	7.44	82	863995	36.469	ng	#	64
49) Dimethylphthalate	9.62	163	148964	6.510	ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	500	5.137	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12359	3.081	ng	#	1
70) Phenanthrene	11.43	178	329165	15.532	ng		99
71) Anthracene	11.48	178	83719	3.852	ng		98
74) Fluoranthene	12.62	202	345803	16.237	ng		99
77) Pyrene	12.85	202	396806	20.148	ng		100
80) Benzo(a)anthracene	14.04	228	180206	10.995	ng		98
82) Chrysene	14.08	228	160519	10.087	ng		97
85) Indeno(1,2,3-cd)pyrene	17.09	276	58865	4.672	ng		95
87) Benzo(b)fluoranthene	15.12	252	228995	14.560	ng	#	90
88) Benzo(k)fluoranthene	15.12	252	228995	15.462	ng	#	93
89) Benzo(a)pyrene	15.50	252	133888	9.533	ng	#	92
91) Benzo(g,h,i)perylene	17.55	276	62663	5.908	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103308.D
Acq On : 28 Feb 2018 22:04
Operator : SJ/JU
Sample : J1716-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 00:05:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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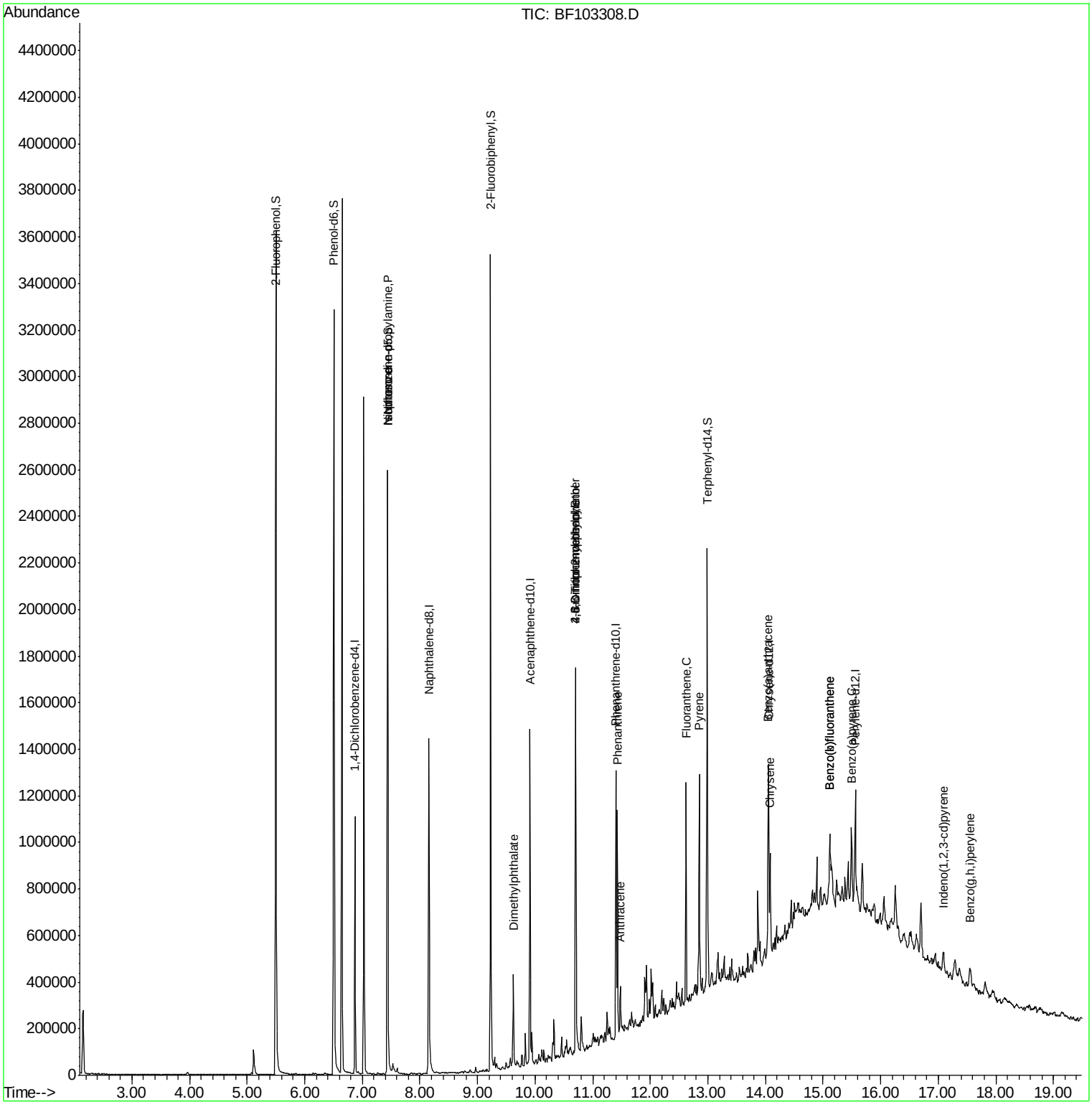
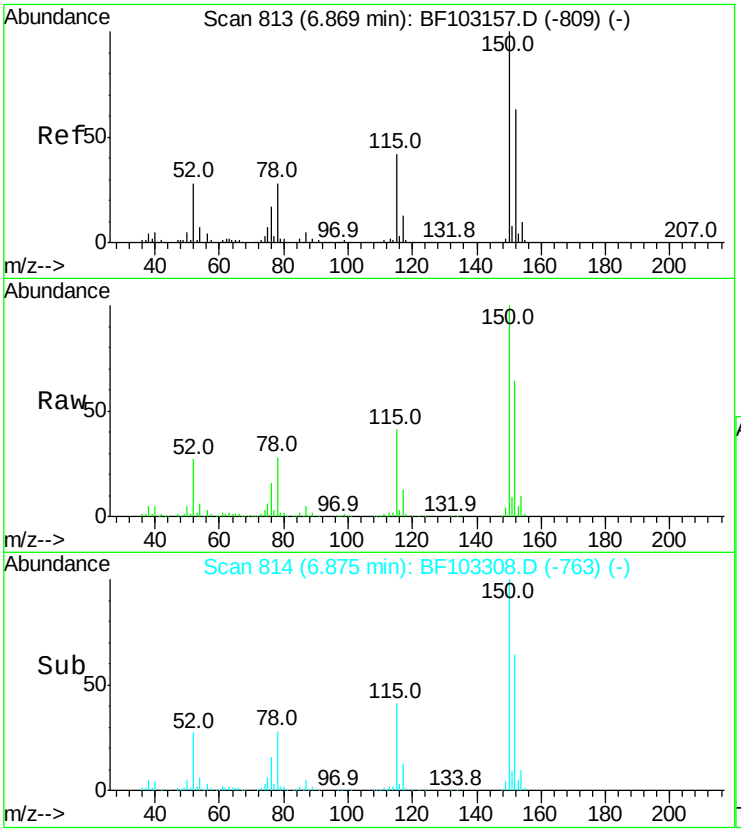


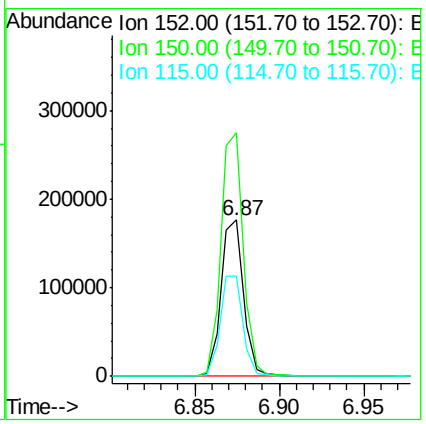


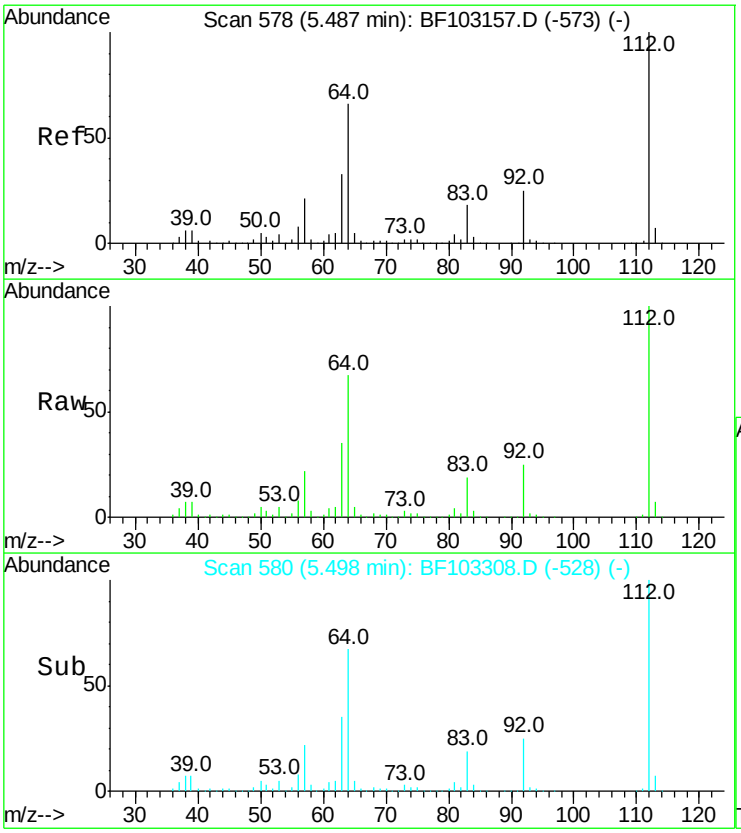
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163910

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	64.1	50.1	75.1

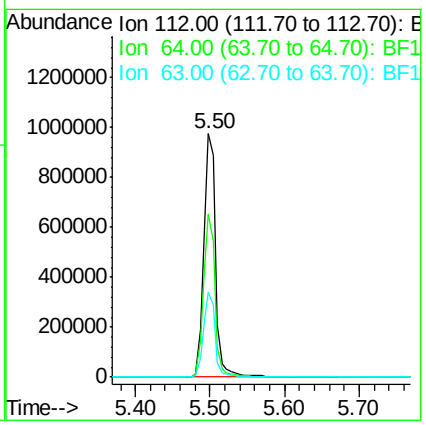


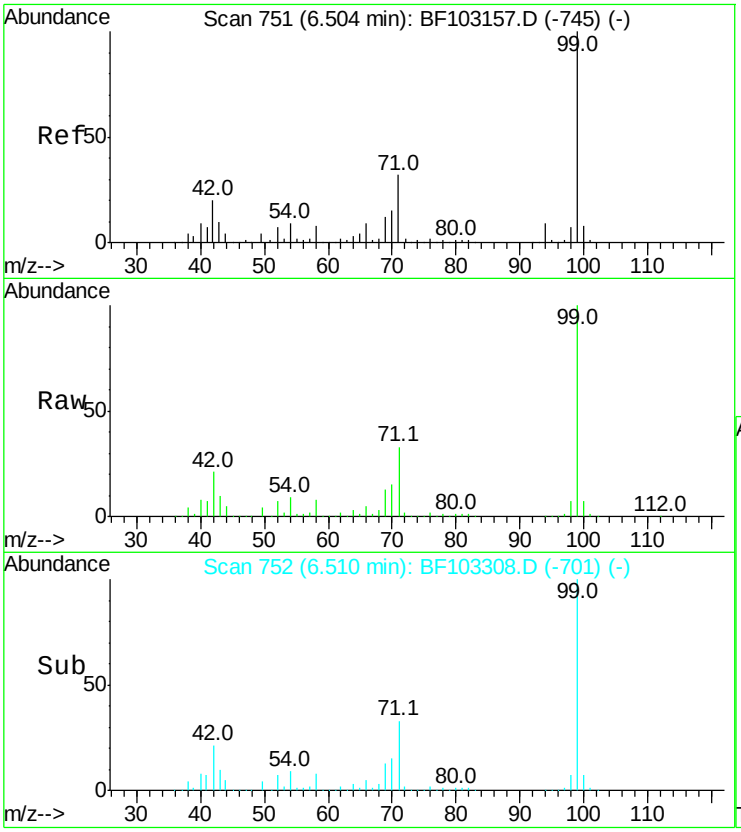


#5
2-Fluorophenol
Concen: 99.835 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:112 Resp: 1081969

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	35.0	23.7	35.5



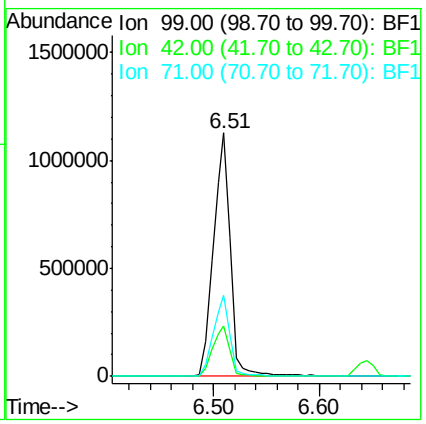


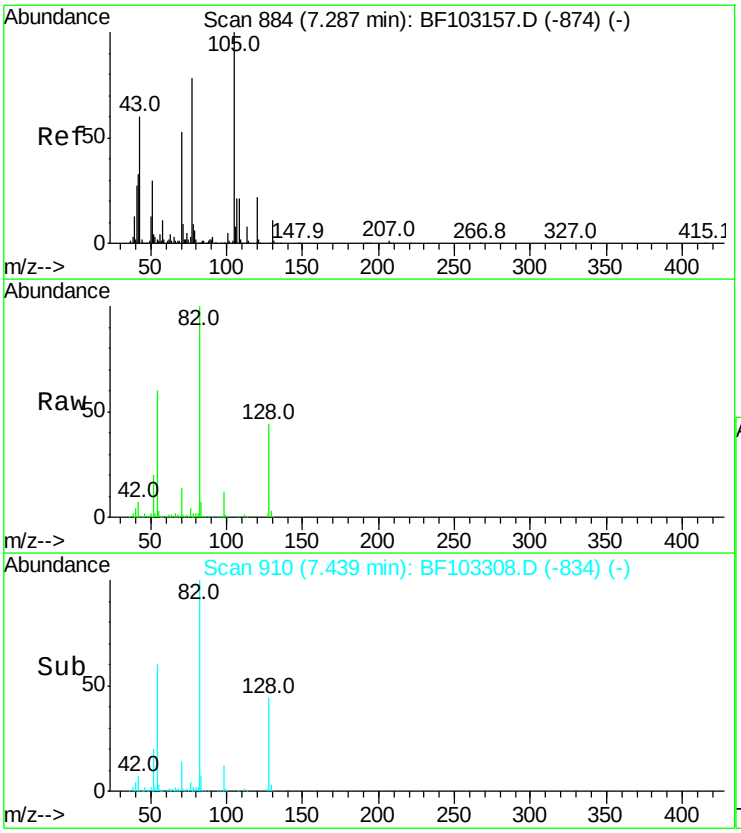
#7
Phenol-d6
Concen: 96.732 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1282794

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.2	25.4	38.0

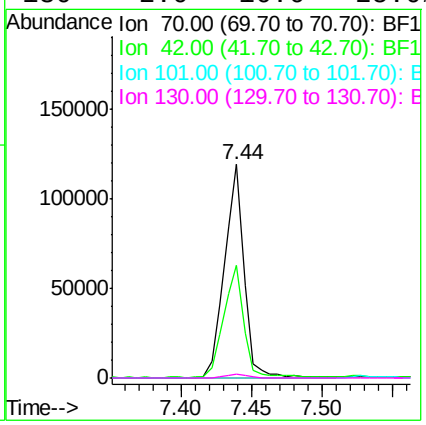


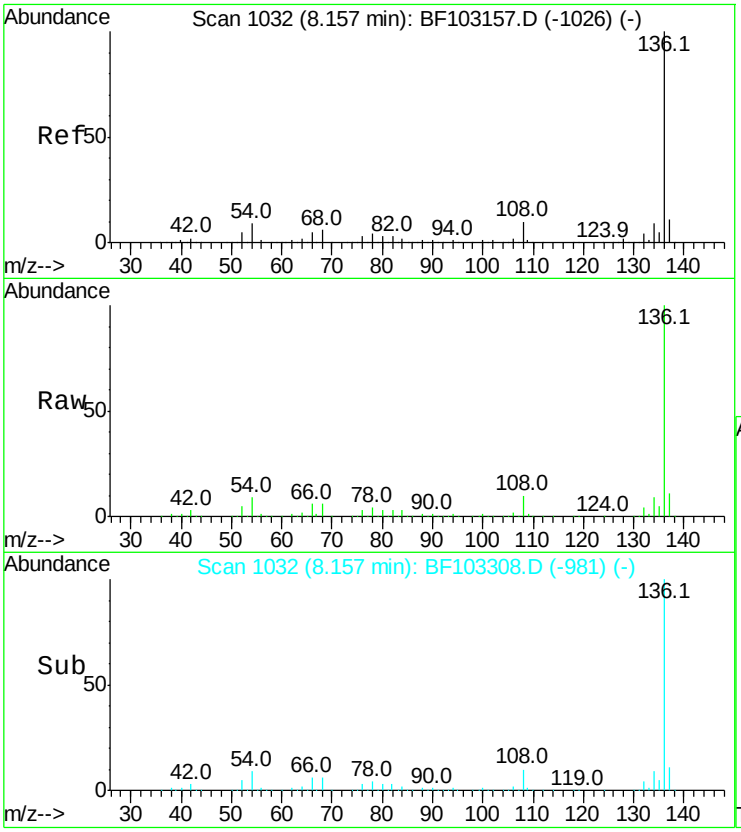


#19
n-Nitroso-di-n-propylamine
Concen: 14.023 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion: 70 Resp: 115736

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



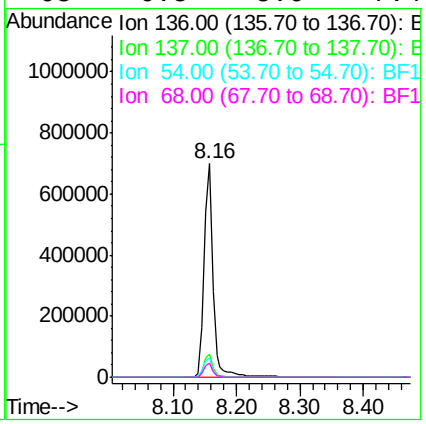


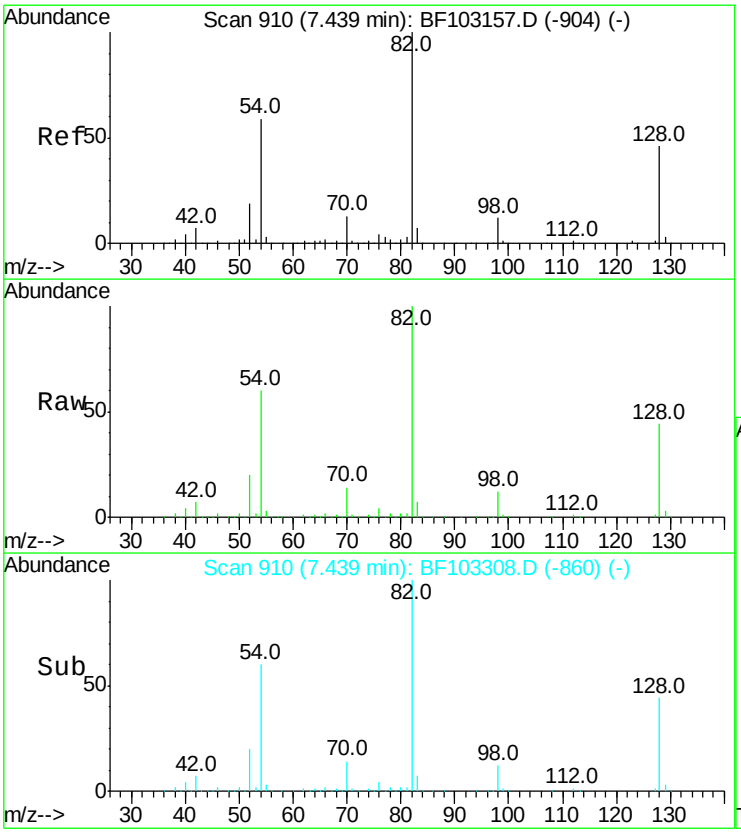
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 686957

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.5	5.0	7.4

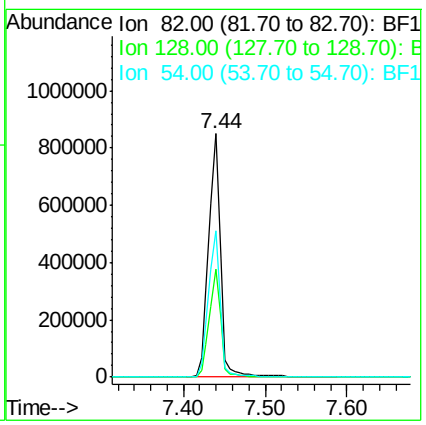


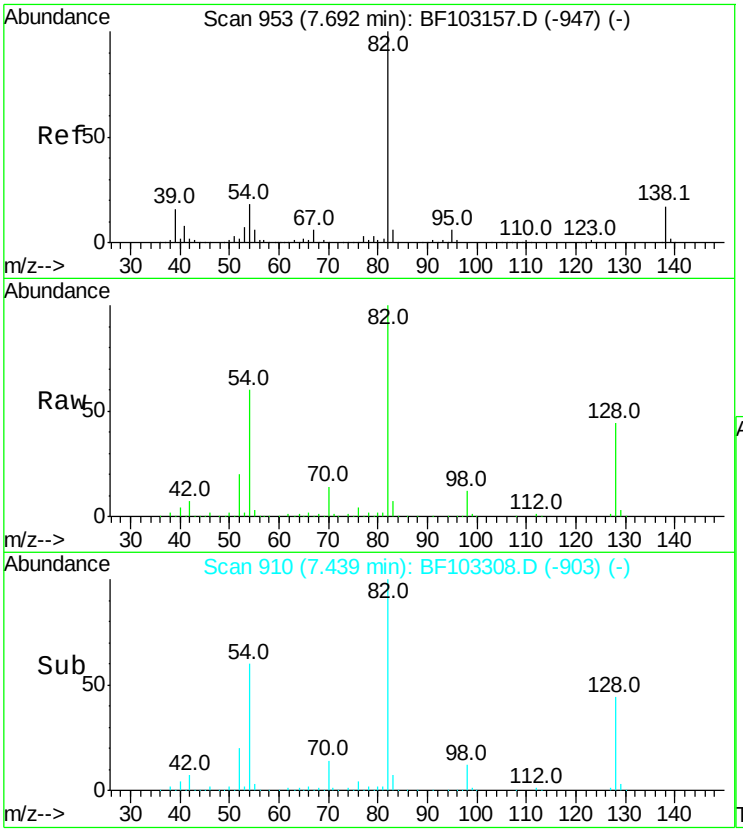


#23
Nitrobenzene-d5
Concen: 71.827 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion: 82 Resp: 864001

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	59.9	41.4	62.2



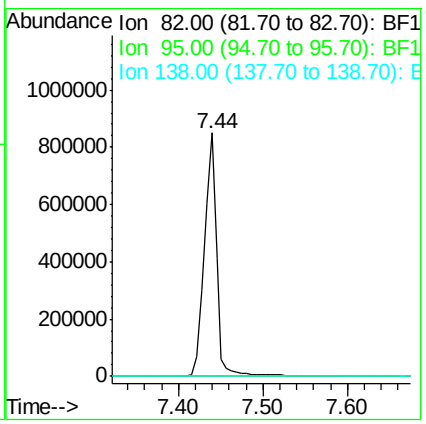


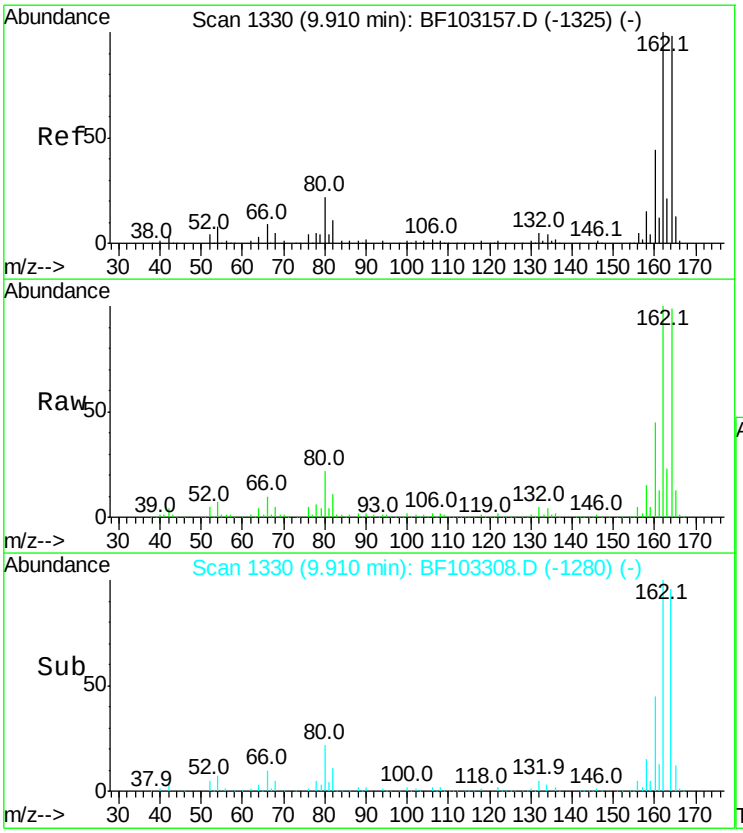
#25
Isophorone
Concen: 36.469 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 863995

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

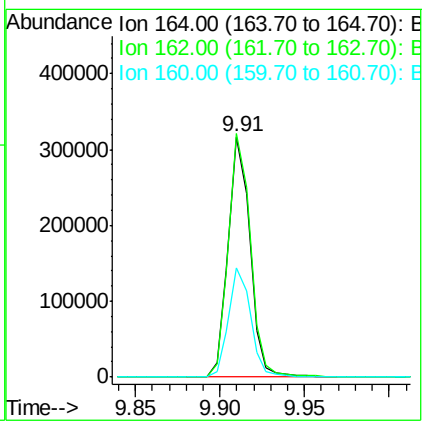


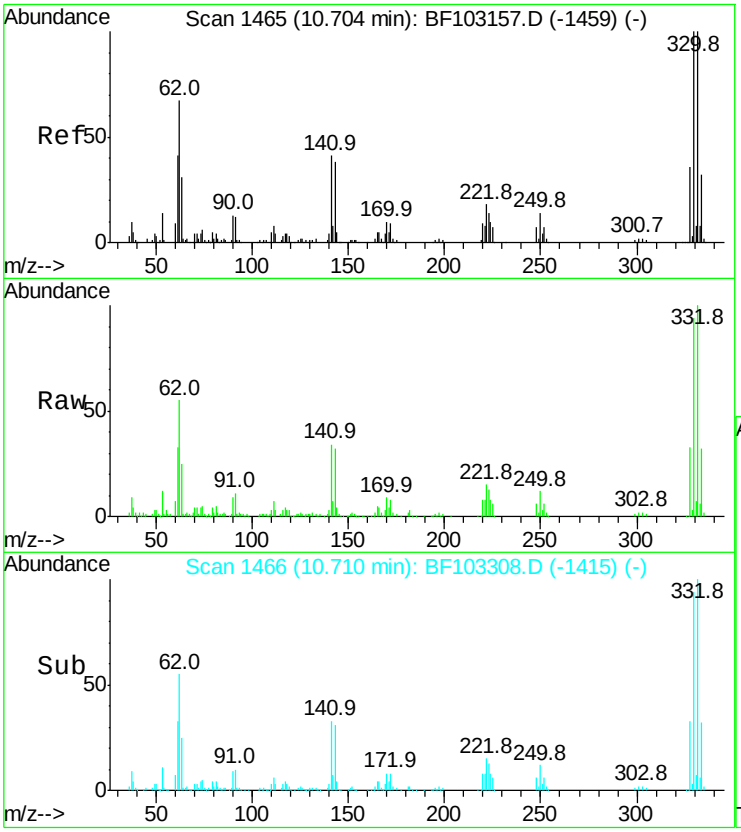


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:164 Resp: 285228

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.2	38.3	57.5



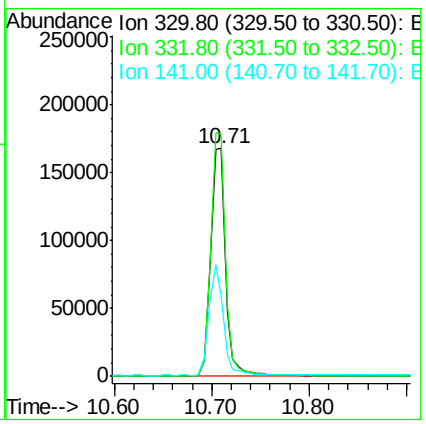


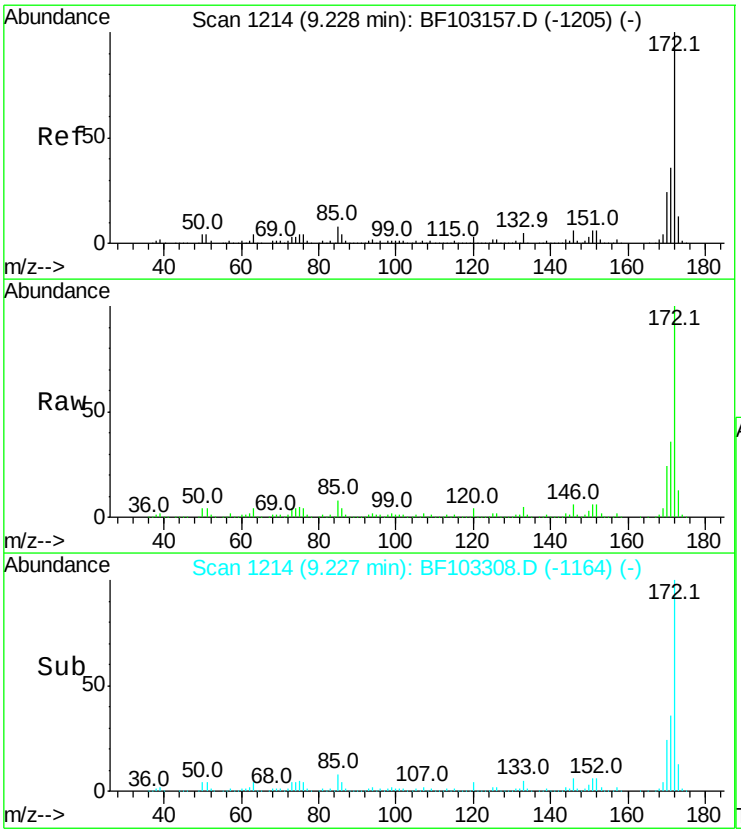
#41
2,4,6-Tribromophenol
Concen: 74.447 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 179737

Ion	Ratio	Lower	Upper
330	100		
332	105.5	77.0	115.6
141	46.3	29.9	44.9#

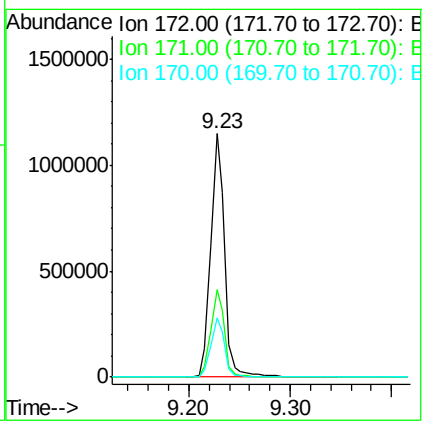


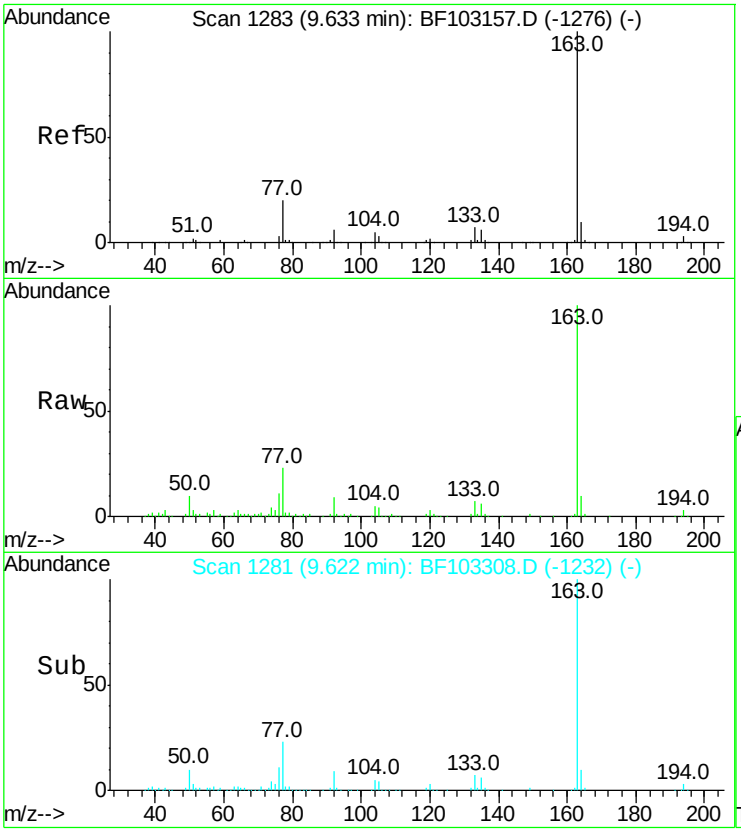


#44
2-Fluorobiphenyl
Concen: 62.130 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:172 Resp: 1098313

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4



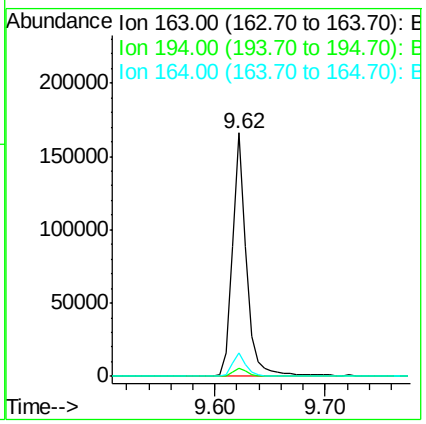


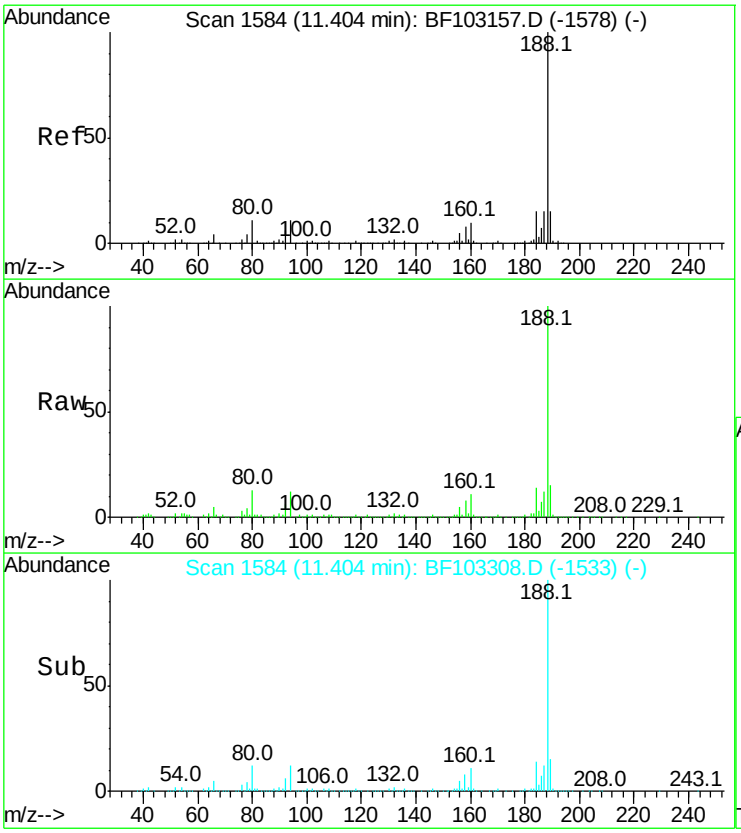
#49
Dimethylphthalate
Concen: 6.510 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 148964

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

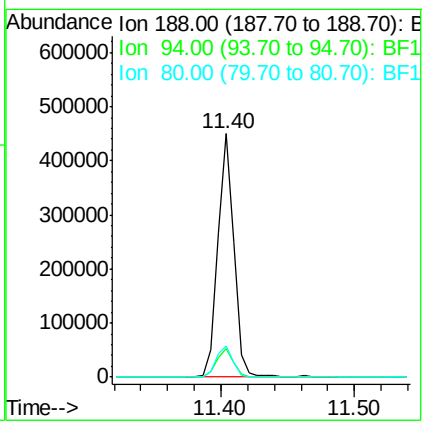


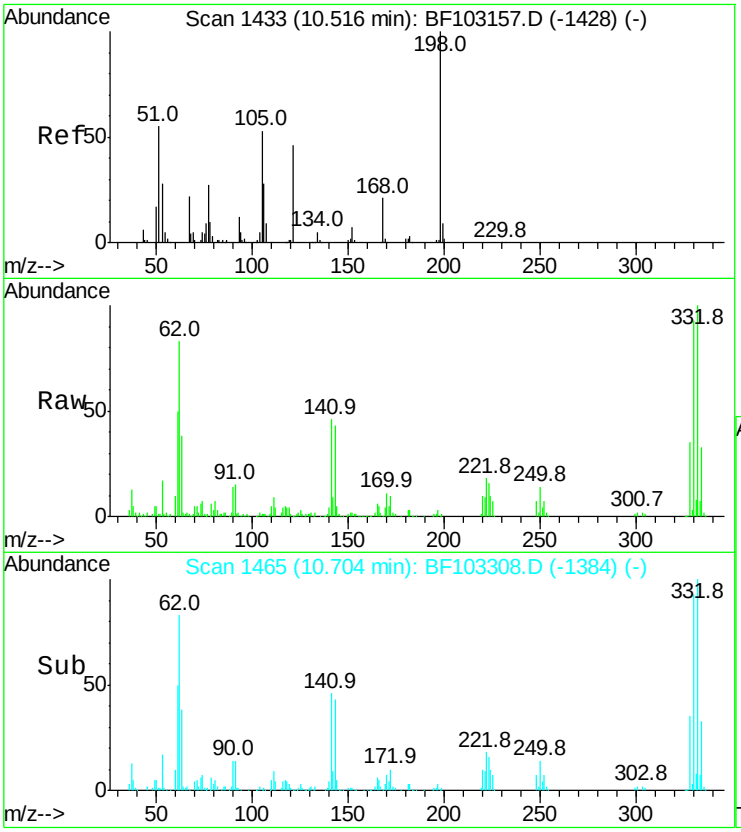


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:188 Resp: 385101

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.6	9.2	13.8



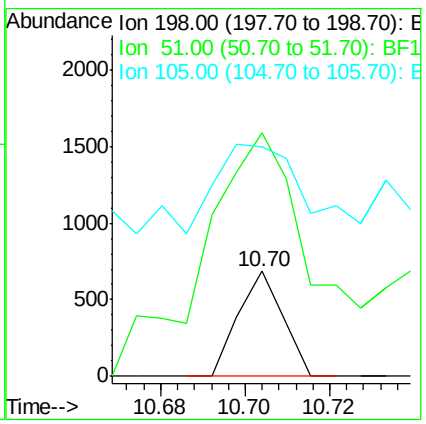


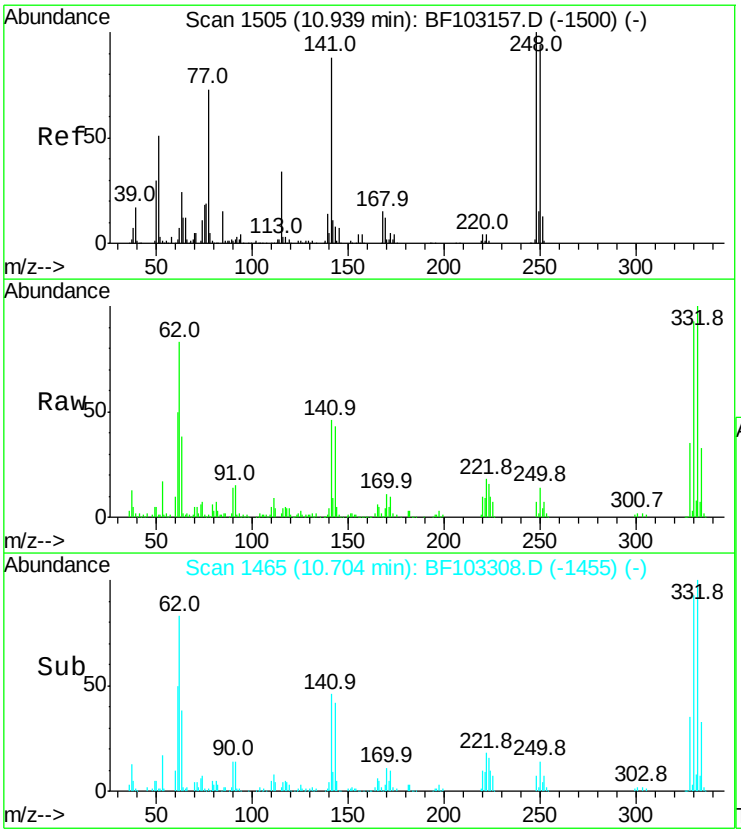
#64
4,6-Dinitro-2-methylphenol
Concen: 5.137 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 500

Ion	Ratio	Lower	Upper
198	100		
51	231.3	37.7	77.7#
105	218.6	36.3	76.3#

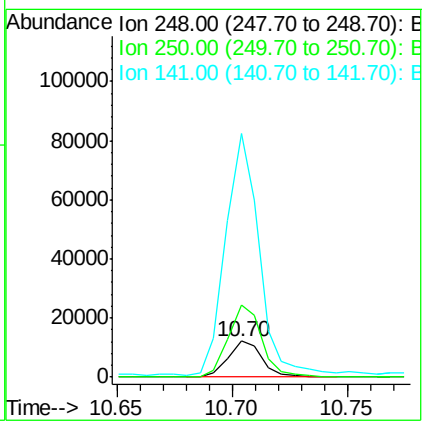


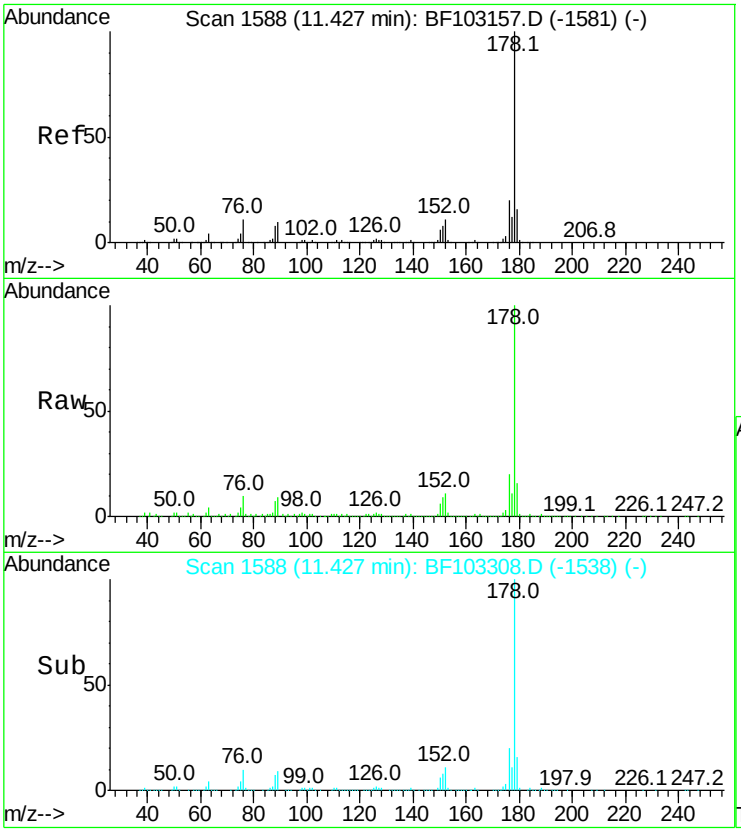


#66
4-Bromophenyl-phenylether
Concen: 3.081 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:248 Resp: 12359

Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.9	115.3#
141	681.8	74.4	111.6#



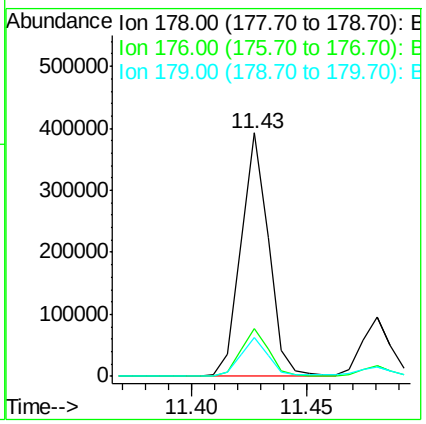


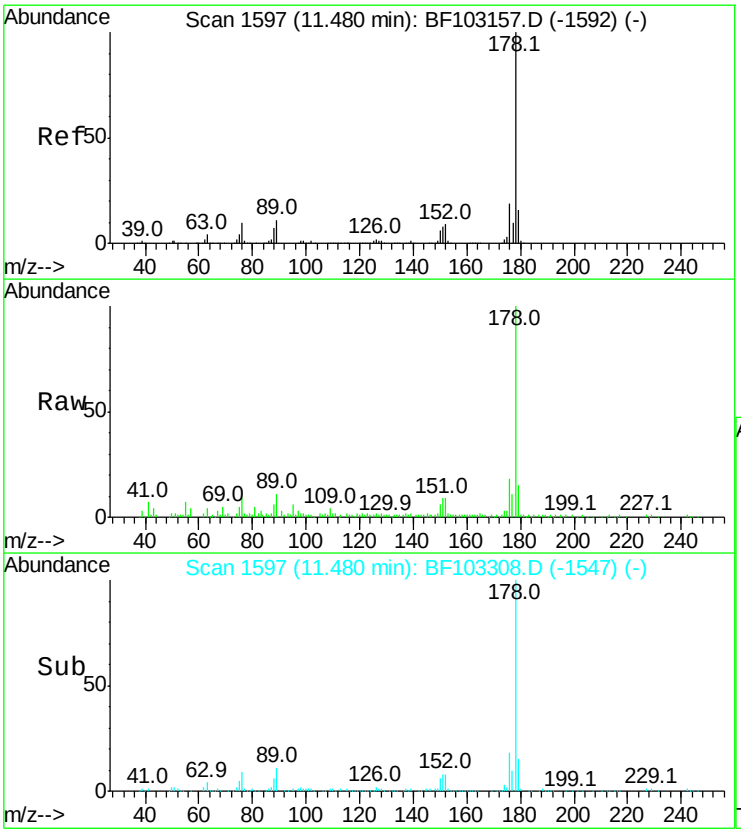
#70
Phenanthrene
Concen: 15.532 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 329165

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

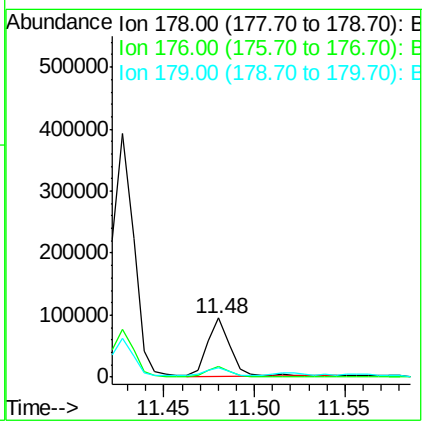


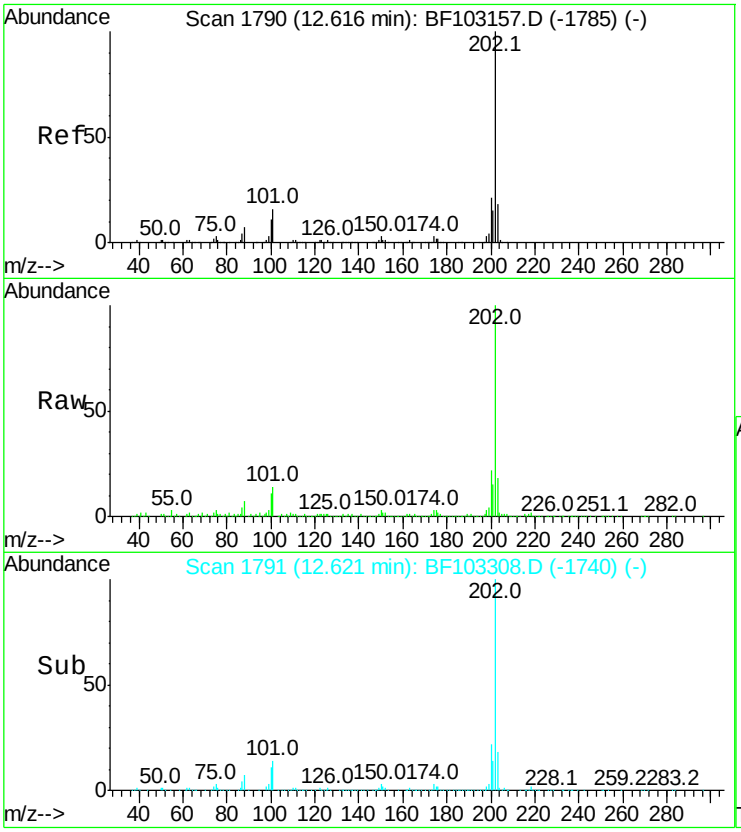


#71
Anthracene
Concen: 3.852 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:178 Resp: 83719

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0



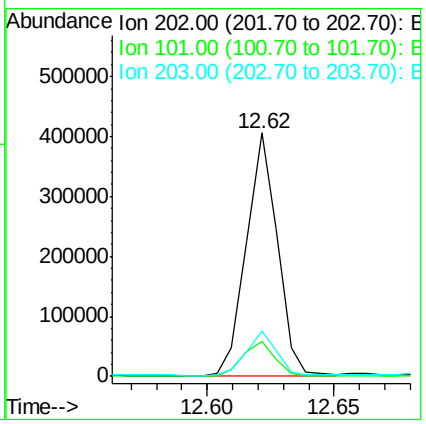


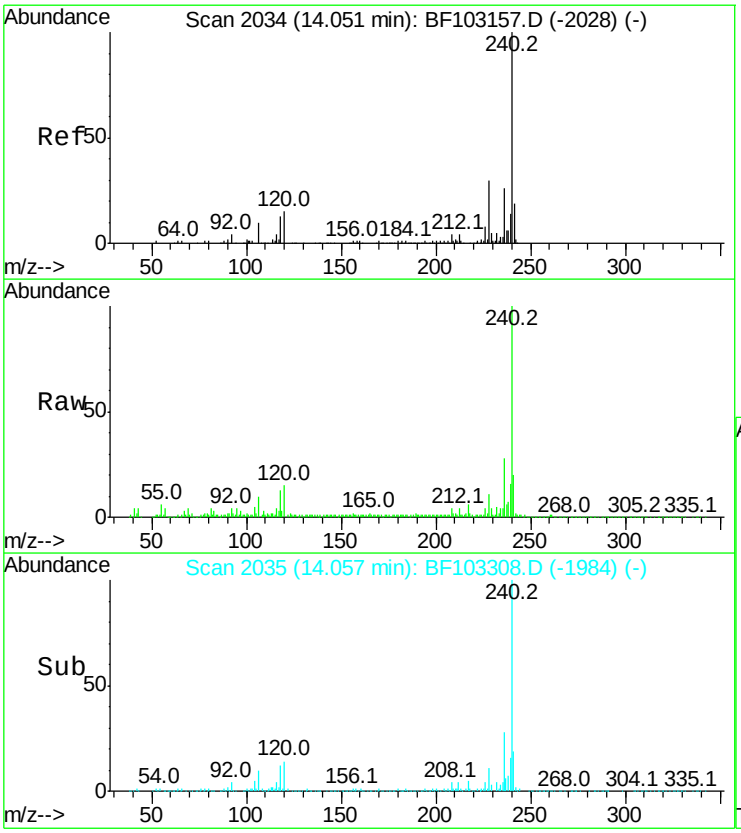
#74
Fluoranthene
Concen: 16.237 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 345803

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	18.4	0.0	38.1

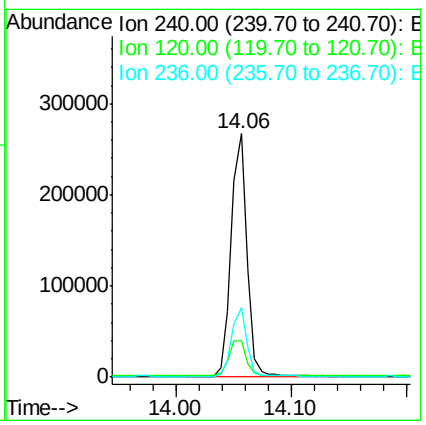


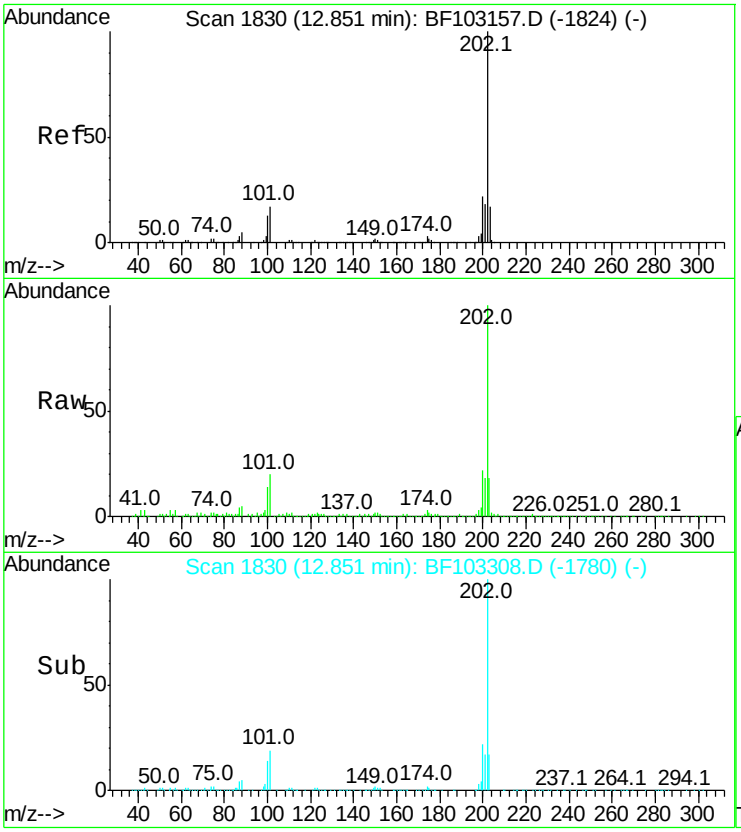


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:240 Resp: 252603

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	28.4	20.7	31.1



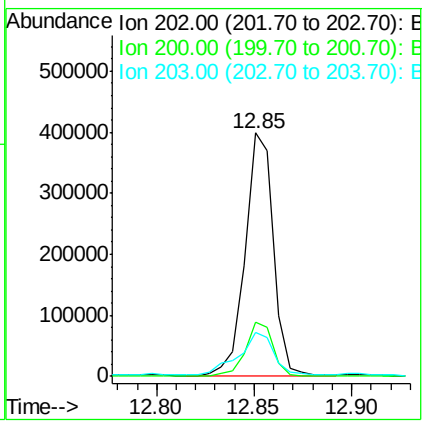


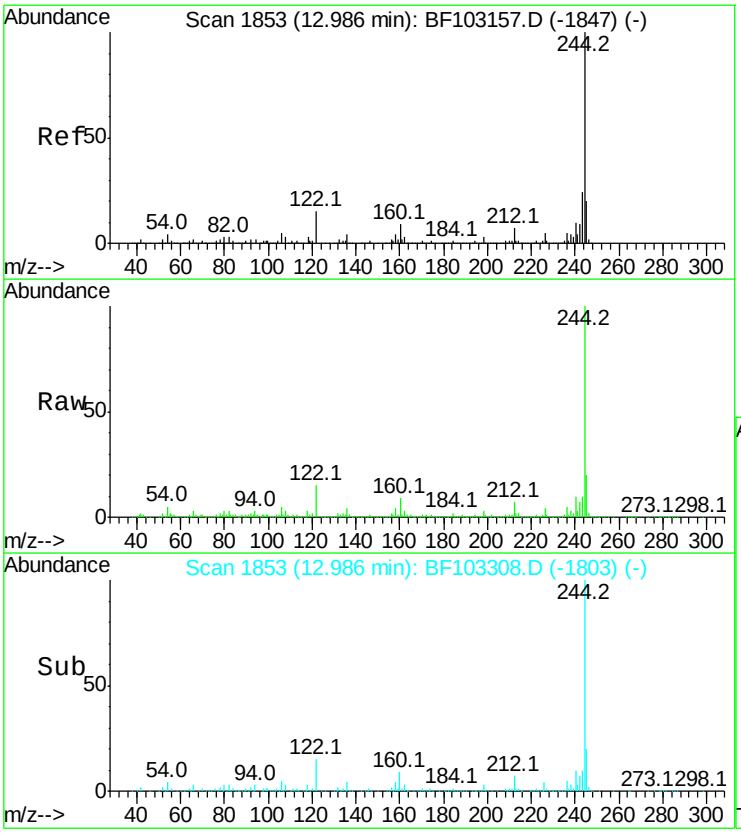
#77
Pyrene
Concen: 20.148 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 396806

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

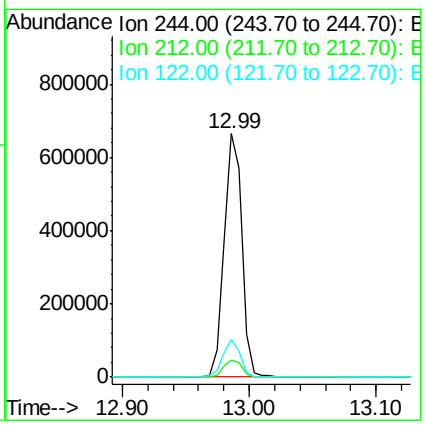


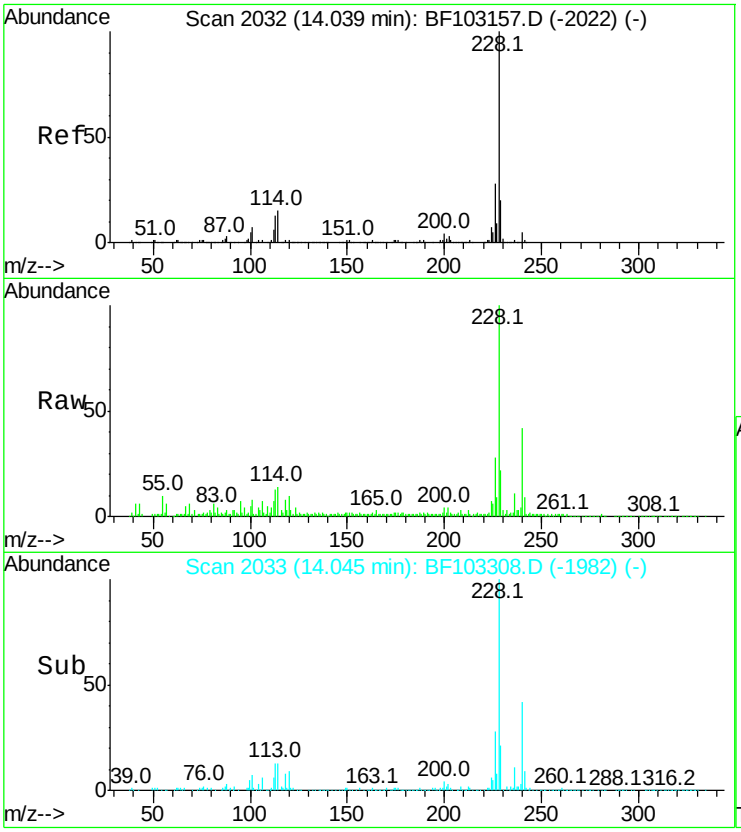


#78
Terphenyl-d14
Concen: 61.102 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:244 Resp: 642073

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.4	11.0	16.4



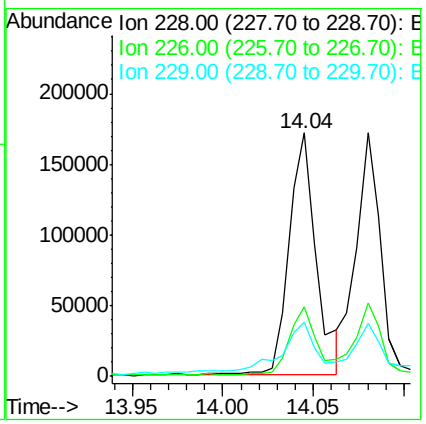


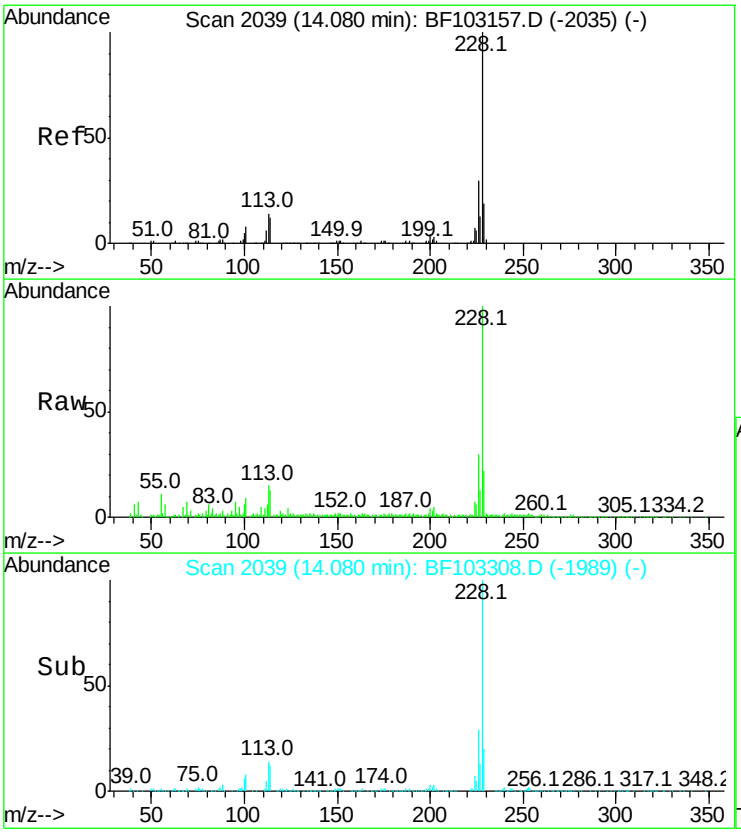
#80
Benzo(a)anthracene
Concen: 10.995 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 180206

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.2	15.8	23.6

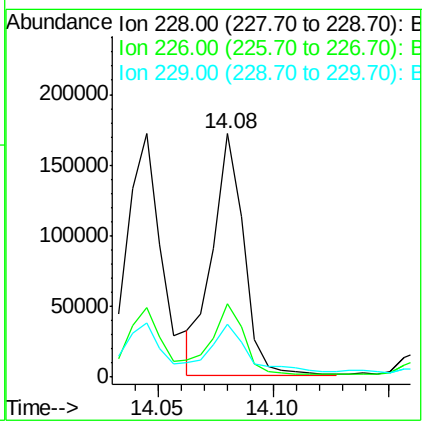


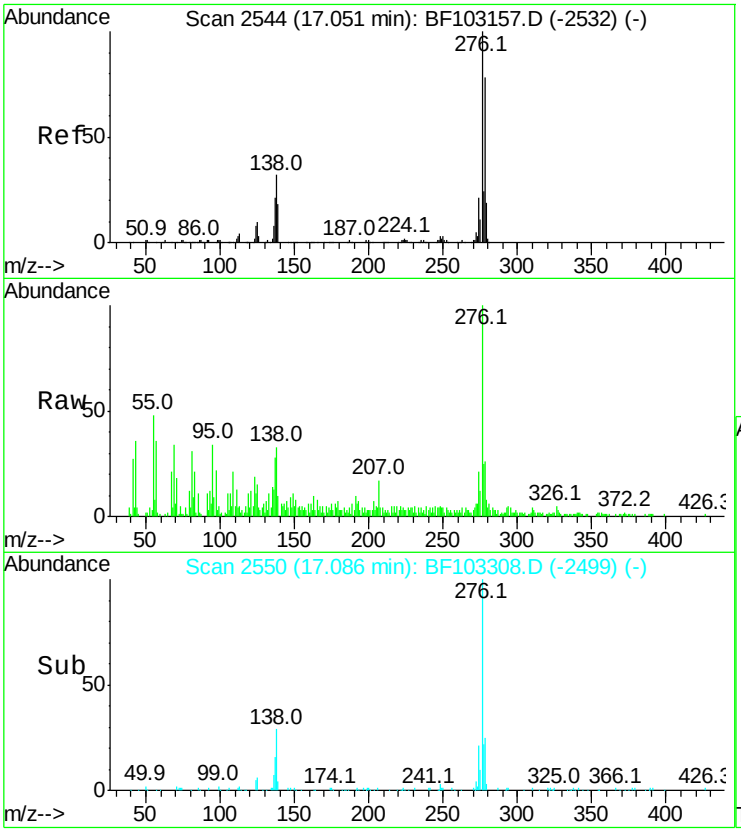


#82
Chrysene
Concen: 10.087 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:228 Resp: 160519

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.9	16.2	24.4



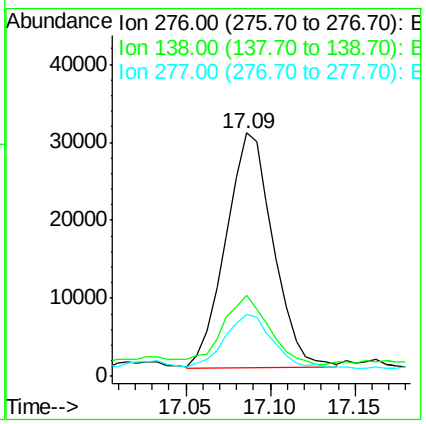


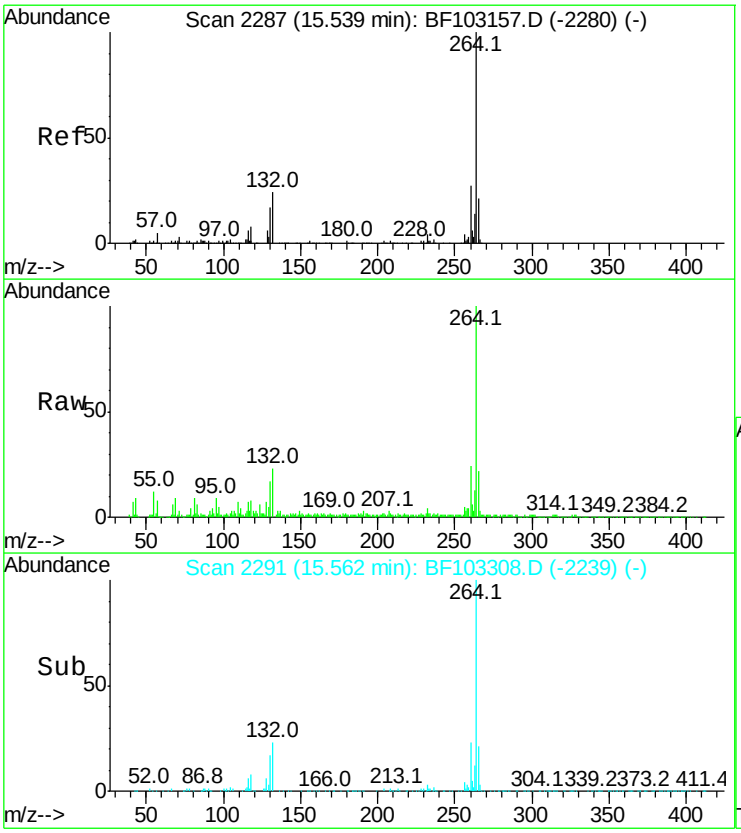
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.672 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 58865

Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	23.6	20.1	30.1

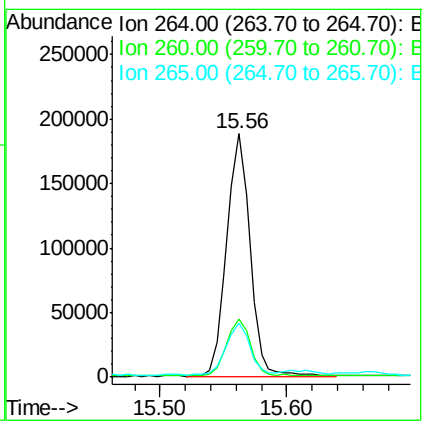


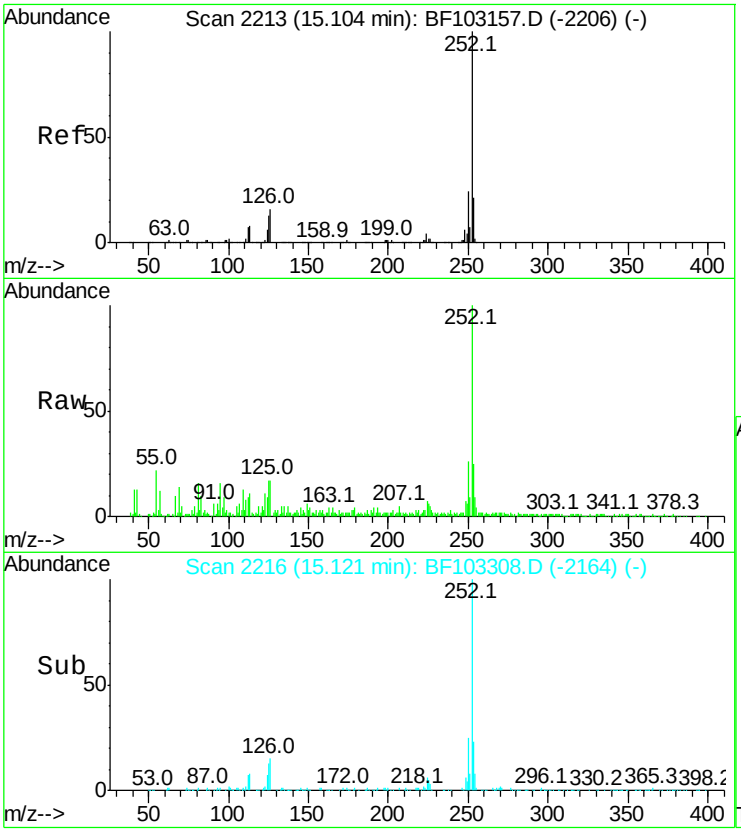


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:264 Resp: 239213

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3



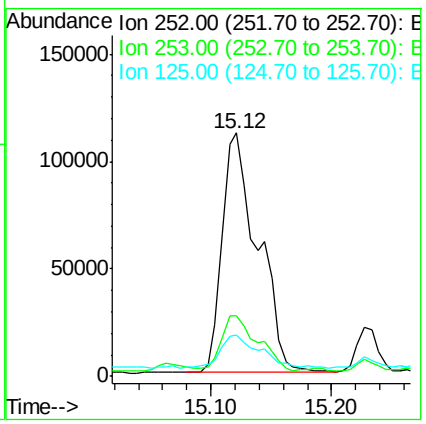


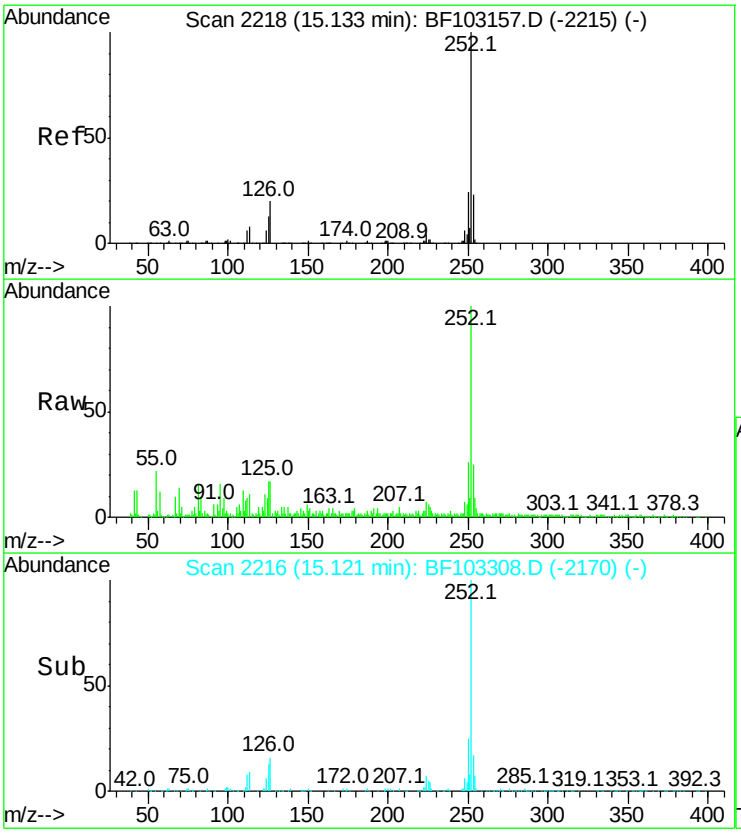
#87
Benzo(b)fluoranthene
Concen: 14.560 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 228995

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	16.9	9.0	13.6#

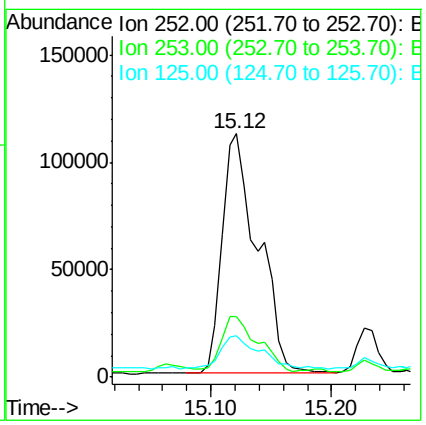


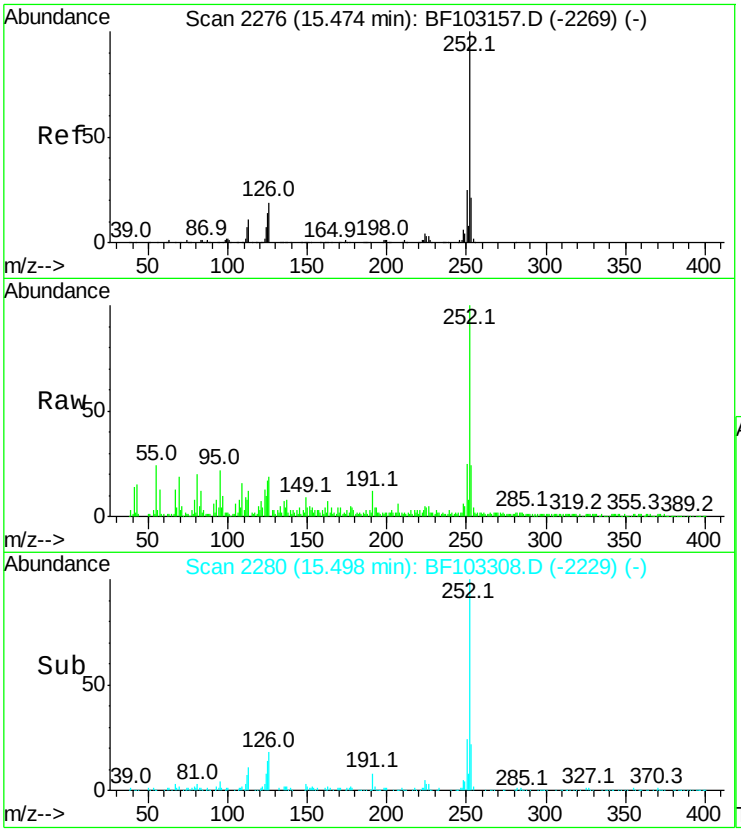


#88
Benzo(k)fluoranthene
Concen: 15.462 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:252 Resp: 228995

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	16.9	10.2	15.2#



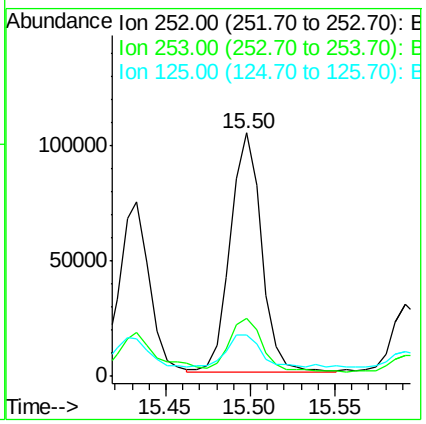


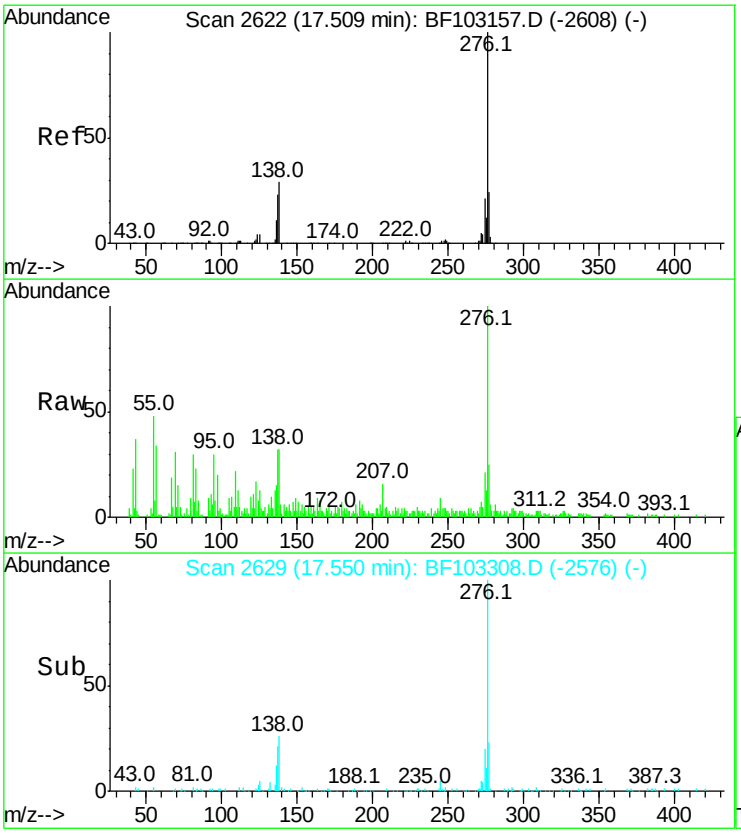
#89
Benzo(a)pyrene
Concen: 9.533 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133888

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.908 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF103308.D
Acq: 28 Feb 2018 22:04

Tgt Ion:276 Resp: 62663

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	31.7	21.8	32.8