Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103391.D
Acq On : 3 Mar 2018 2:46
Operator : SJ/JU
Sample : J1724-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-25

Quant Time: Mar 03 04:20:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134419	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	561575	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	216957	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	305052	20.00	ng		0.00
75) Chrysene-d12	14.07	240	198687	20.00	ng		0.00
86) Perylene-d12	15.59	264	131794	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	882624	99.31	ng		0.00
7) Phenol-d6	6.52	99	1076876	99.02	ng		0.00
23) Nitrobenzene-d5	7.45	82	676286	68.77	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	136393	74.27	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	964802	74.33	ng		0.00
78) Terphenyl-d14	13.00	244	630770	76.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	4230	Below Cal			88
10) Phenol	6.53	94	28248	2.237	ng	#	52
19) n-Nitroso-di-n-propylamine	7.45	70	90844	13.422	ng	#	83
25) Isophorone	7.45	82	676280	34.919	ng	#	64
32) Benzoic acid	8.00	122	117	6.931	ng	#	55
49) Dimethylphthalate	9.63	163	71408	4.103	ng		97
64) 4,6-Dinitro-2-methylphenol	10.72	198	287	5.084	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9128	2.872	ng	#	1
70) Phenanthrene	11.44	178	173867	10.357	ng		99
71) Anthracene	11.49	178	53981	3.136	ng		97
74) Fluoranthene	12.63	202	354955	21.041	ng		99
77) Pyrene	12.87	202	358344	23.133	ng		99
80) Benzo(a)anthracene	14.06	228	153425	11.901	ng		99
82) Chrysene	14.10	228	141045	11.268	ng		96
85) Indeno(1,2,3-cd)pyrene	17.13	276	49158	4.961	ng		95
87) Benzo(b)fluoranthene	15.14	252	172391	19.894	ng	#	81
88) Benzo(k)fluoranthene	15.14	252	172391	21.127	ng	#	84
89) Benzo(a)pyrene	15.52	252	87310	11.283	ng	#	89
90) Dibenzo(a,h)anthracene	17.13	278	13905	2.325	ng	#	41
91) Benzo(g,h,i)perylene	17.60	276	49328	8.441	ng	#	90

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

Quantitation Report (Not Reviewed)

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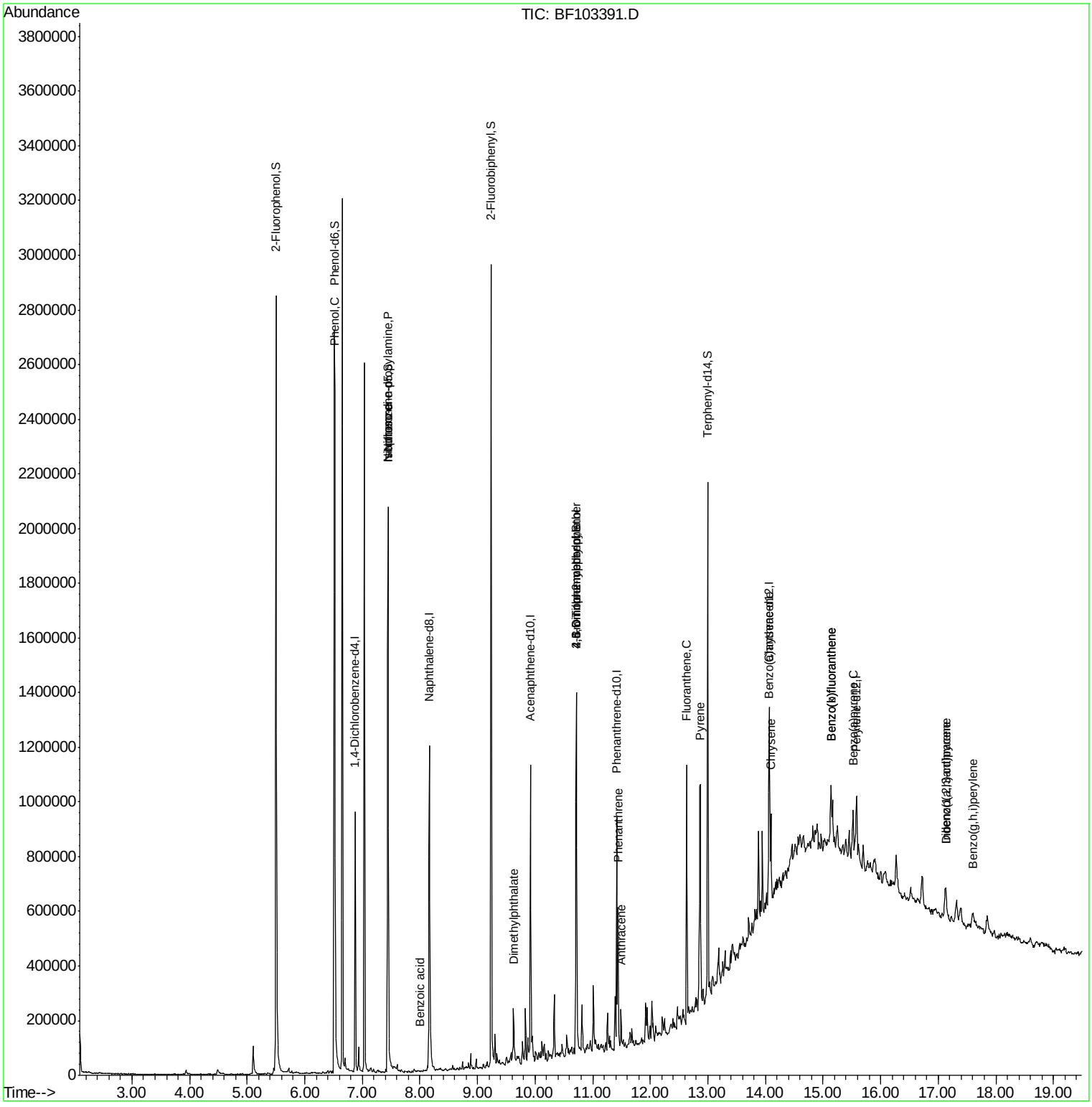
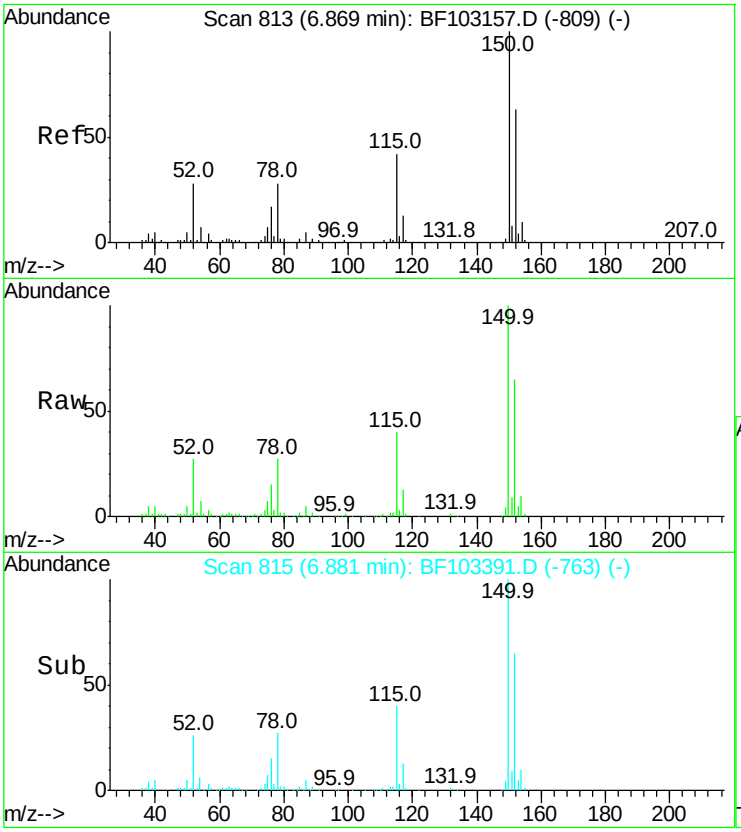


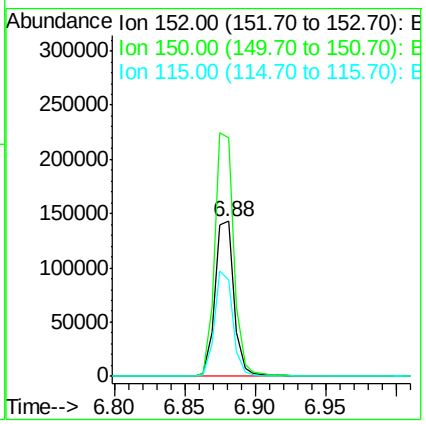


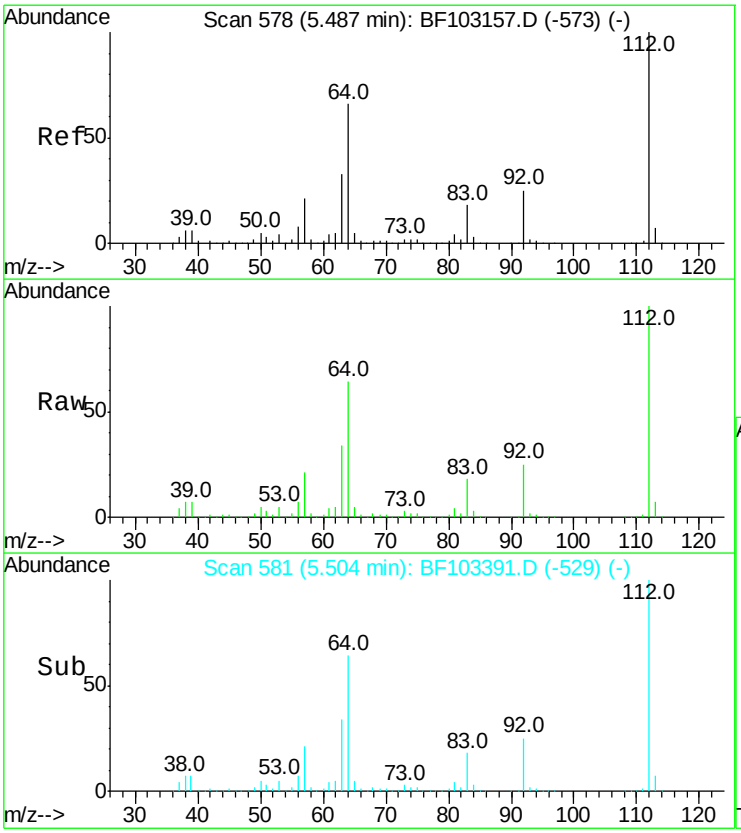
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:152 Resp: 134419

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	62.2	50.1	75.1

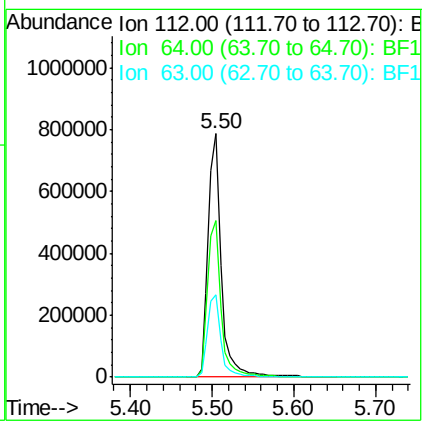


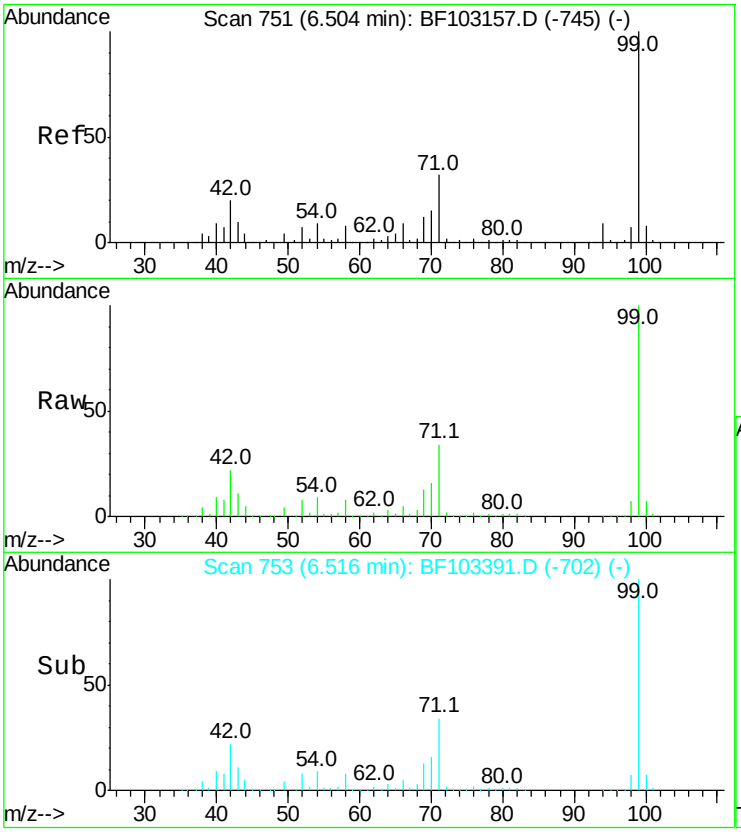


#5
2-Fluorophenol
Concen: 99.309 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:112 Resp: 882624

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	33.7	23.7	35.5



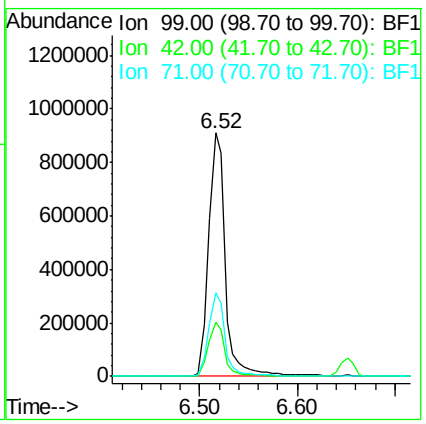


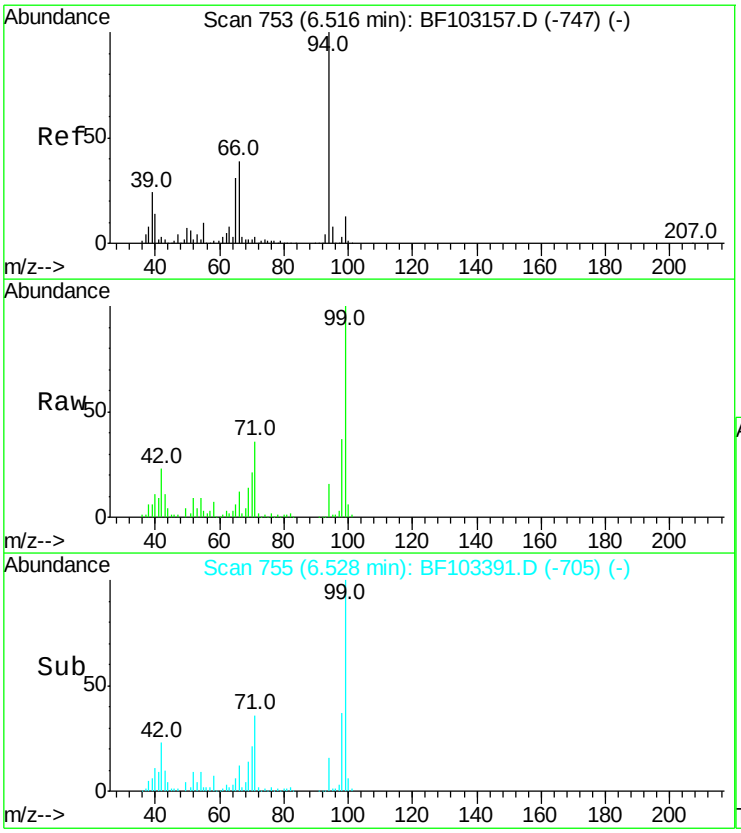
#7
Phenol-d6
Concen: 99.020 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion: 99 Resp: 1076876

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	34.4	25.4	38.0

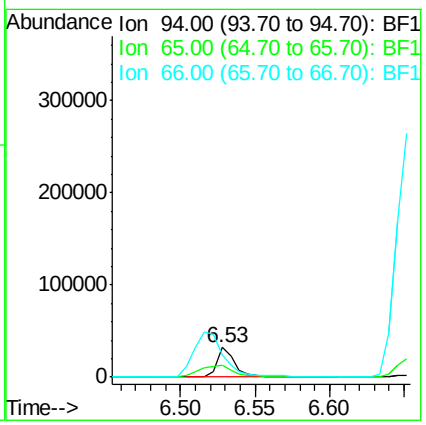


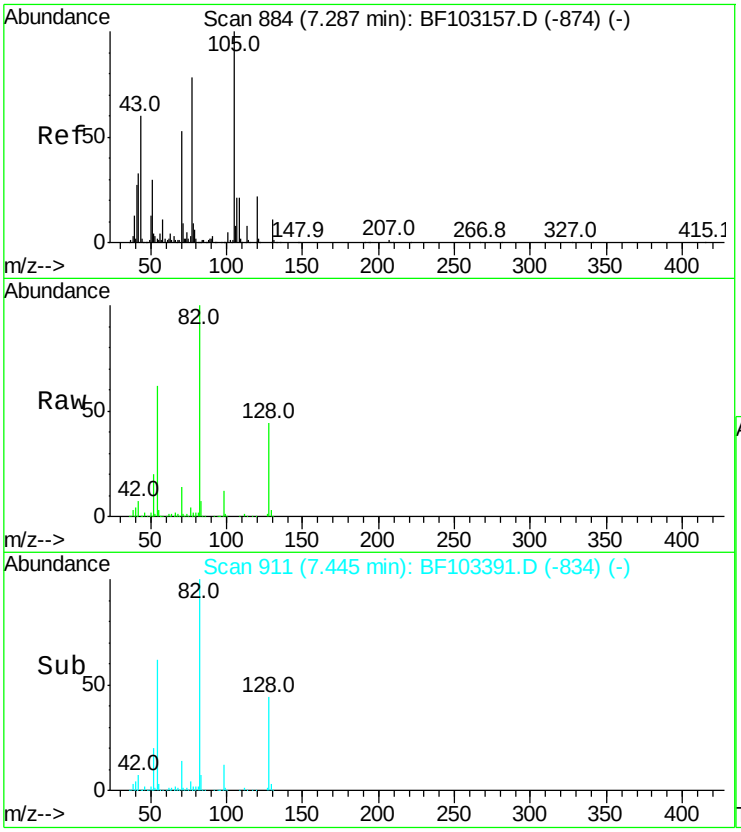


#10
Phenol
Concen: 2.237 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion: 94 Resp: 28248

Ion	Ratio	Lower	Upper
94	100		
65	39.7	7.9	47.9
66	76.3	16.2	56.2#



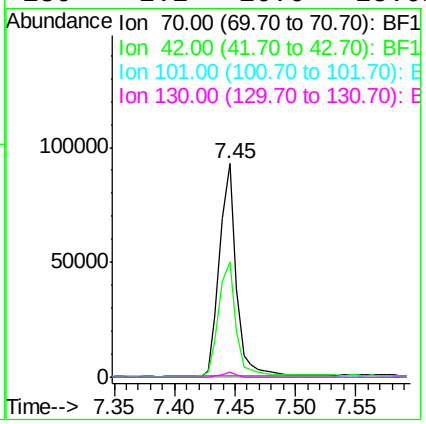


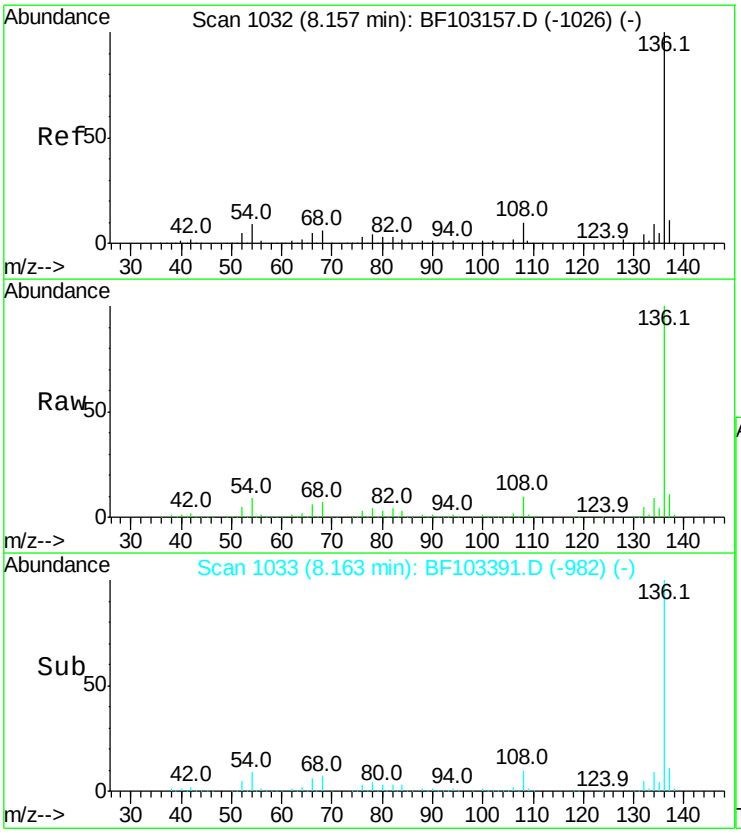
#19
n-Nitroso-di-n-propylamine
Concen: 13.422 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument : BNA_F
ClientSampleId : SP-25

Tgt Ion: 70 Resp: 90844

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

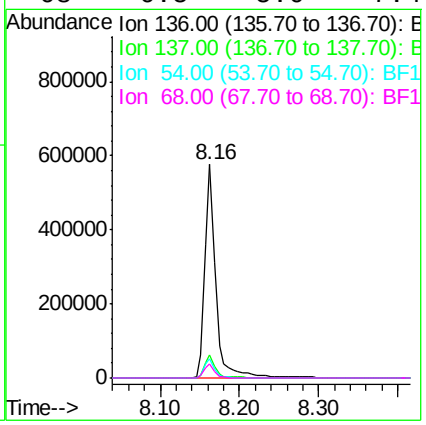


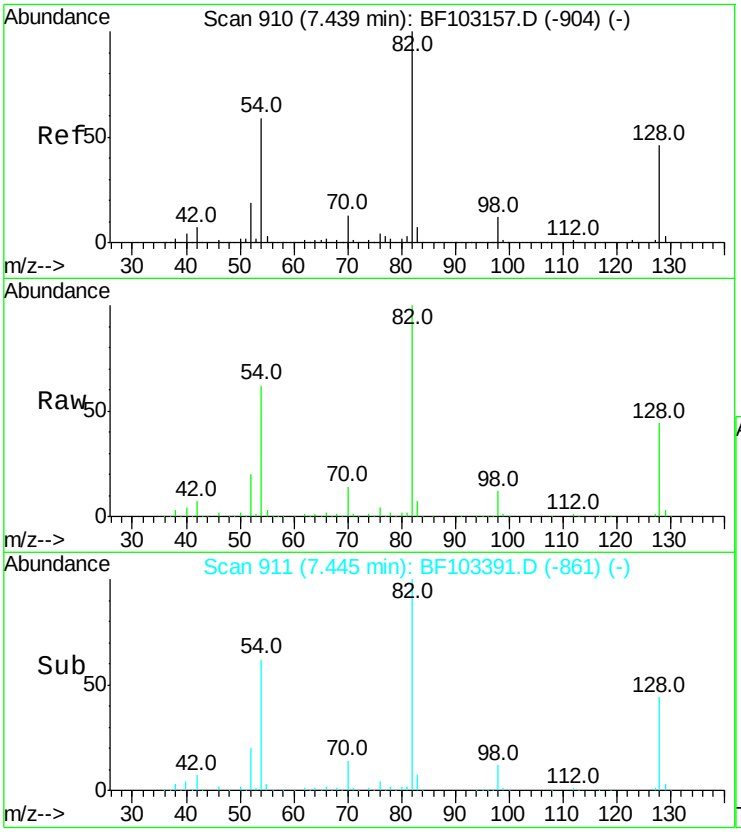


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:136 Resp: 561575

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4



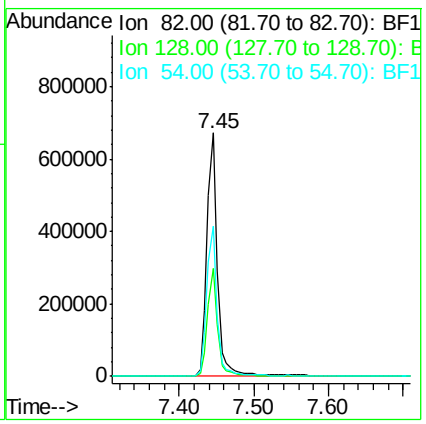


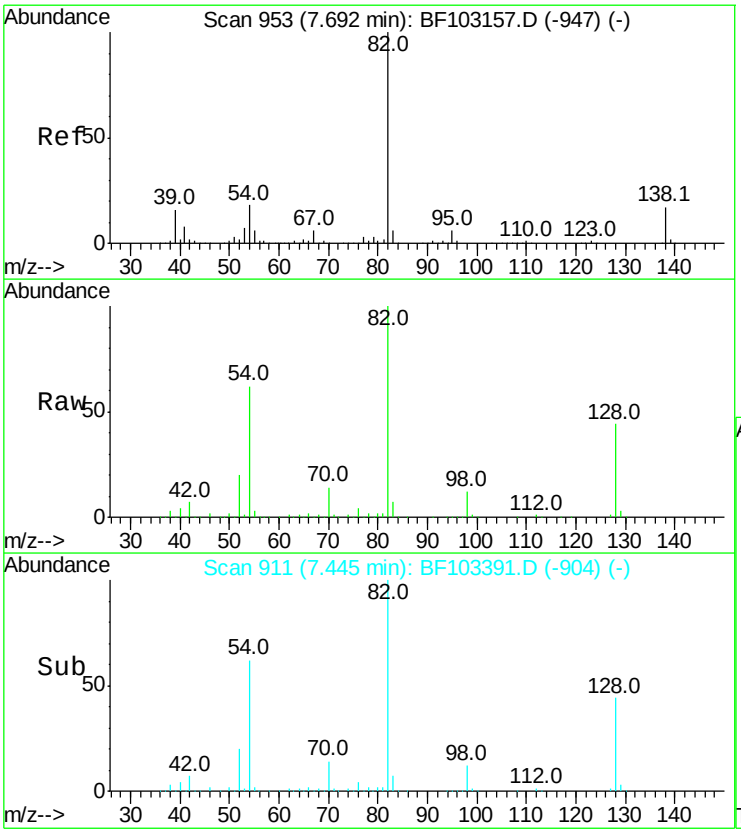
#23
Nitrobenzene-d5
Concen: 68.774 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion: 82 Resp: 676286

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	61.8	41.4	62.2

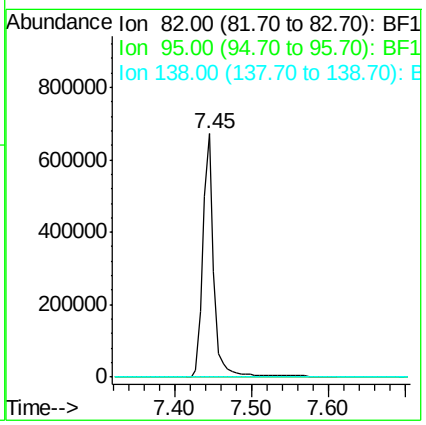


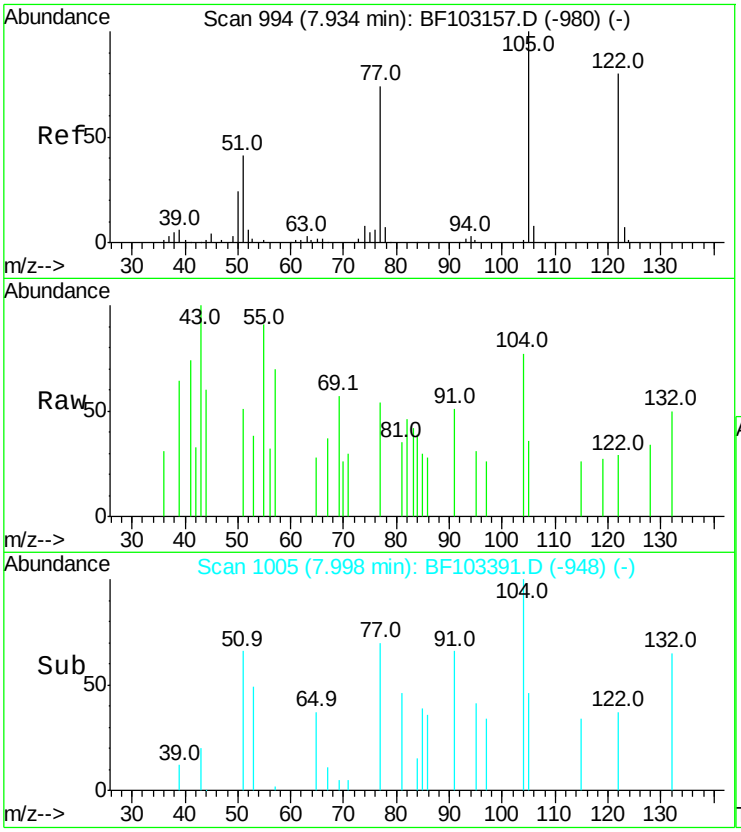


#25
Isophorone
Concen: 34.919 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion: 82 Resp: 676280

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



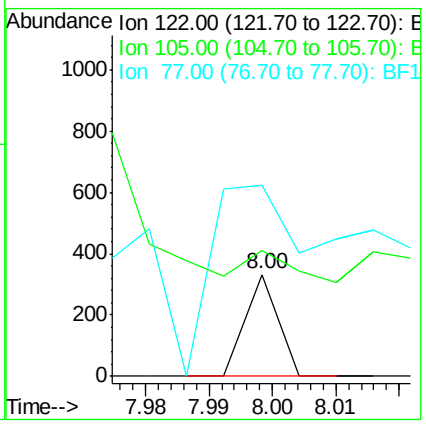


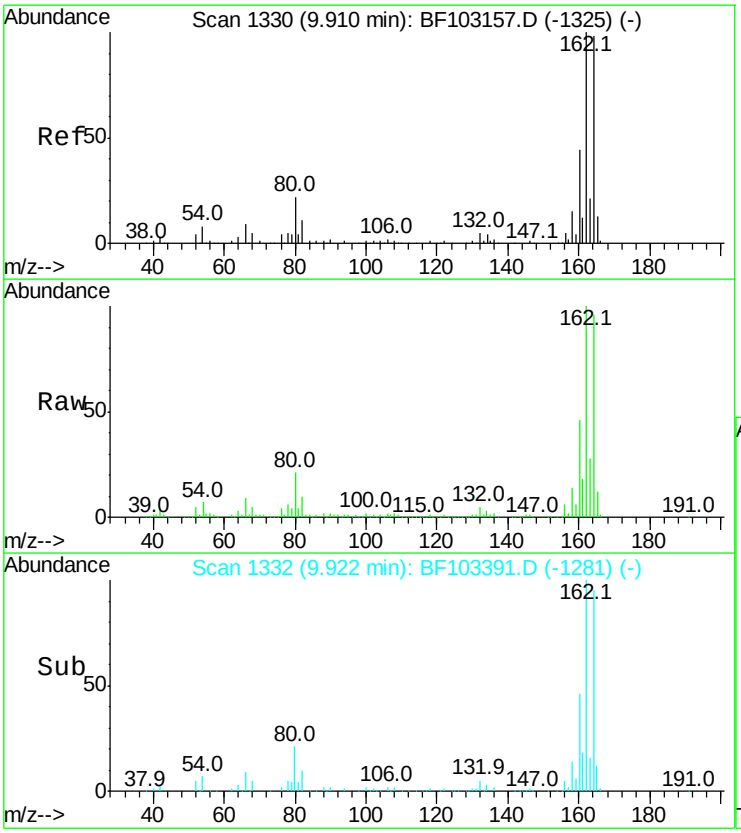
#32
Benzoic acid
Concen: 6.931 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.04 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	123.7	101.1	141.1
77	187.1	70.7	110.7#

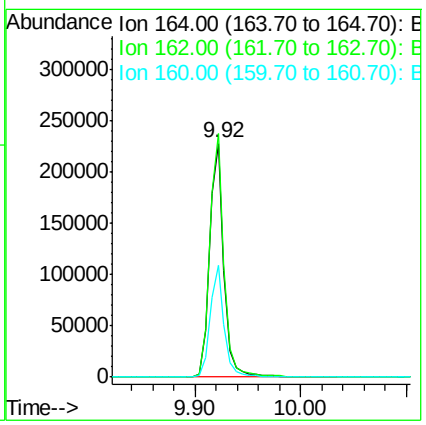


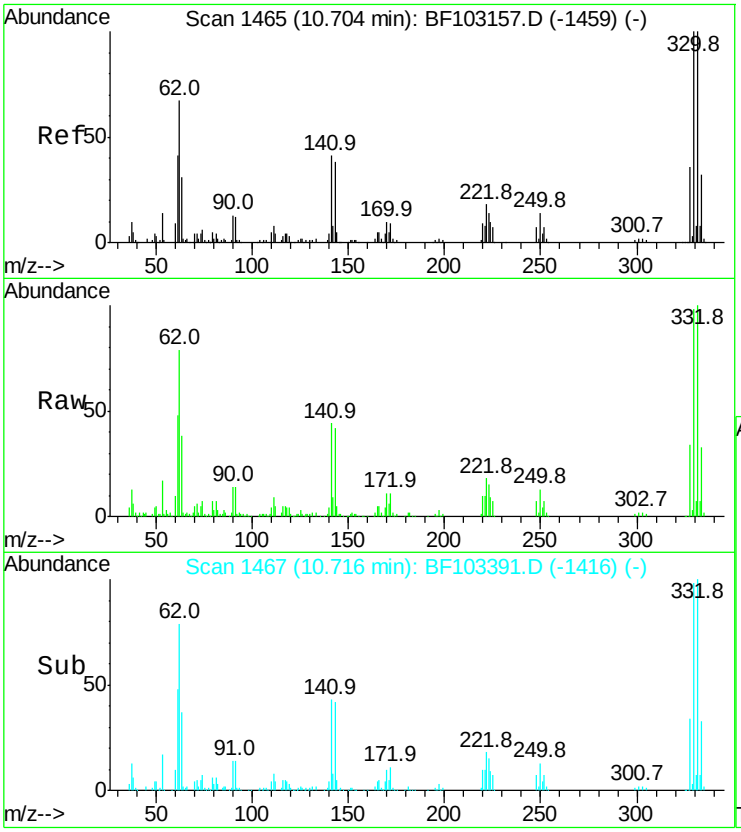


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:164 Resp: 216957

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.8	38.3	57.5



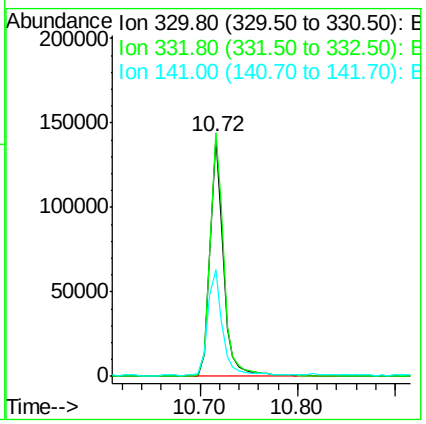


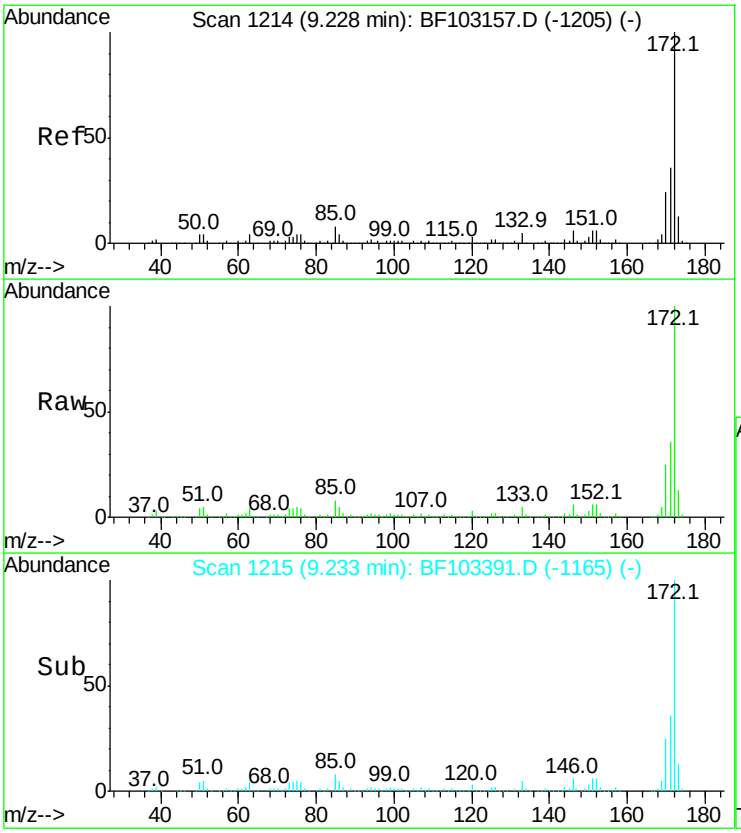
#41
2,4,6-Tribromophenol
Concen: 74.271 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:330 Resp: 136393

Ion	Ratio	Lower	Upper
330	100		
332	104.1	77.0	115.6
141	47.3	29.9	44.9#

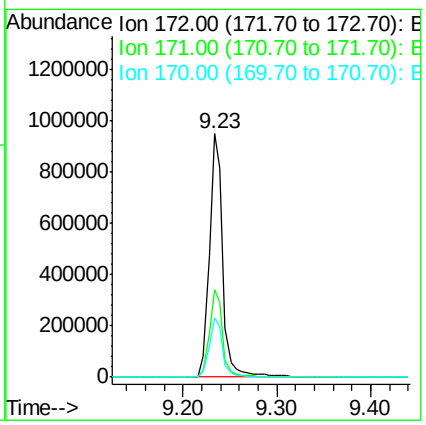


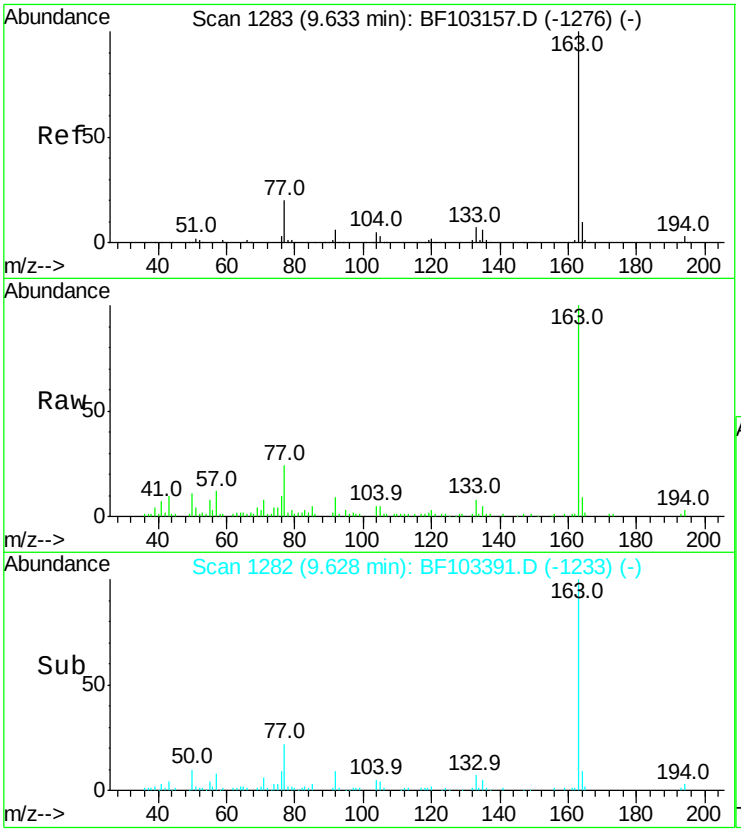


#44
2-Fluorobiphenyl
Concen: 74.332 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:172 Resp: 964802

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4



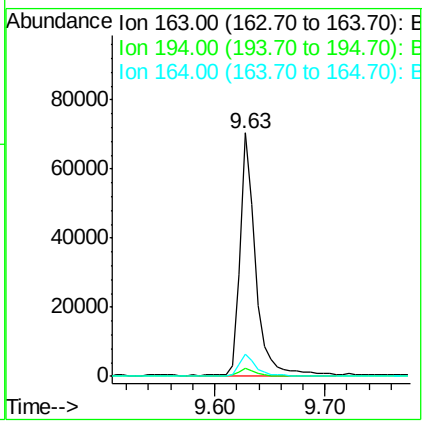


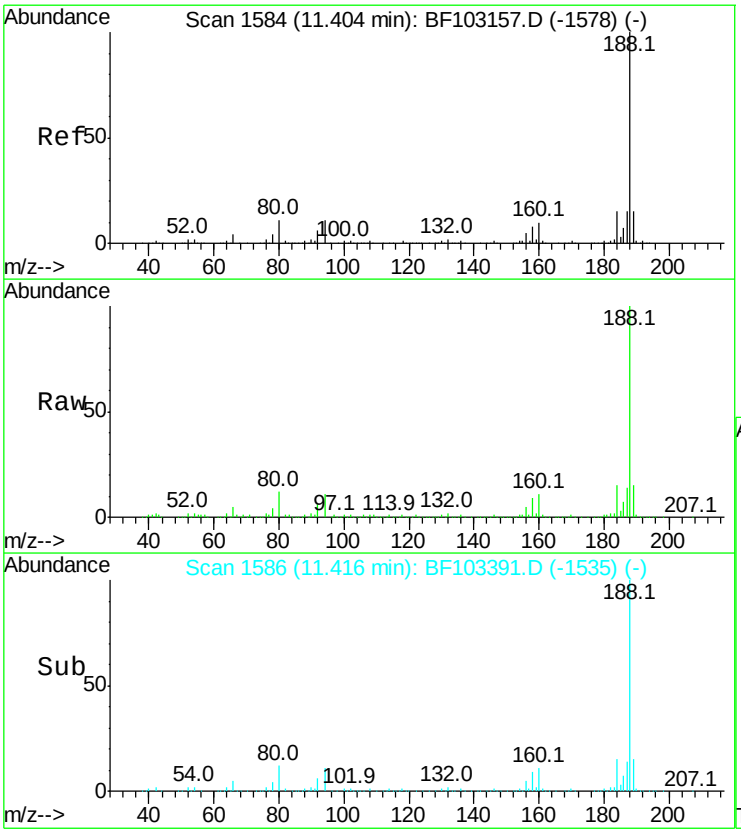
#49
Dimethylphthalate
Concen: 4.103 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:163 Resp: 71408

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.0	8.2	12.2

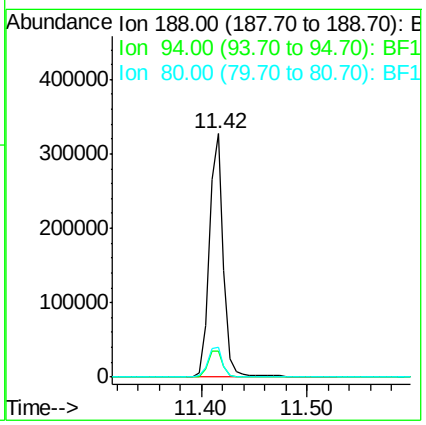


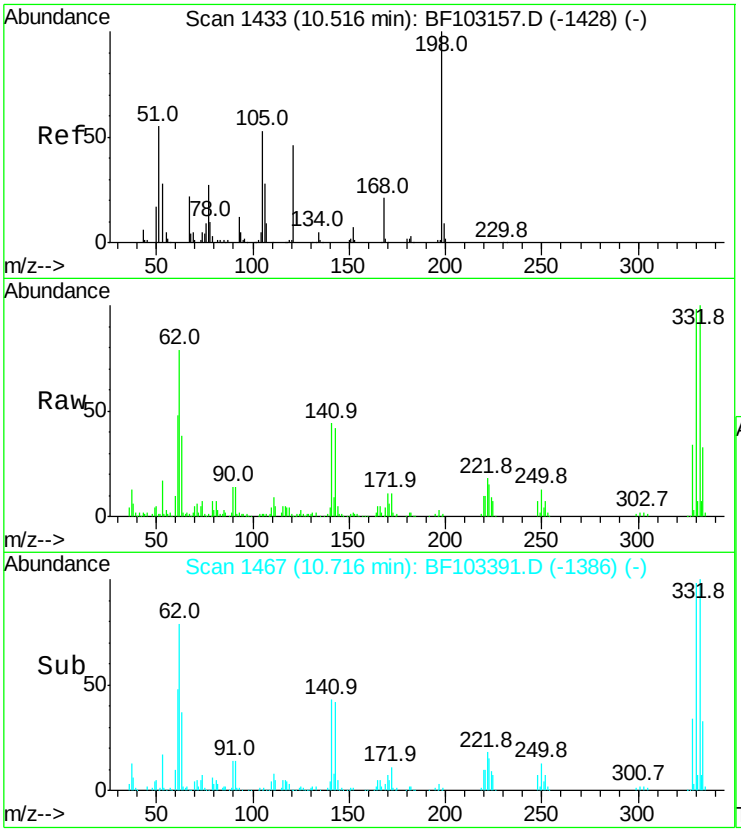


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:188 Resp: 305052

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.1	9.2	13.8



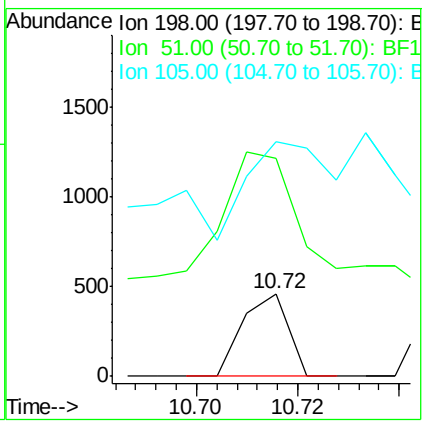


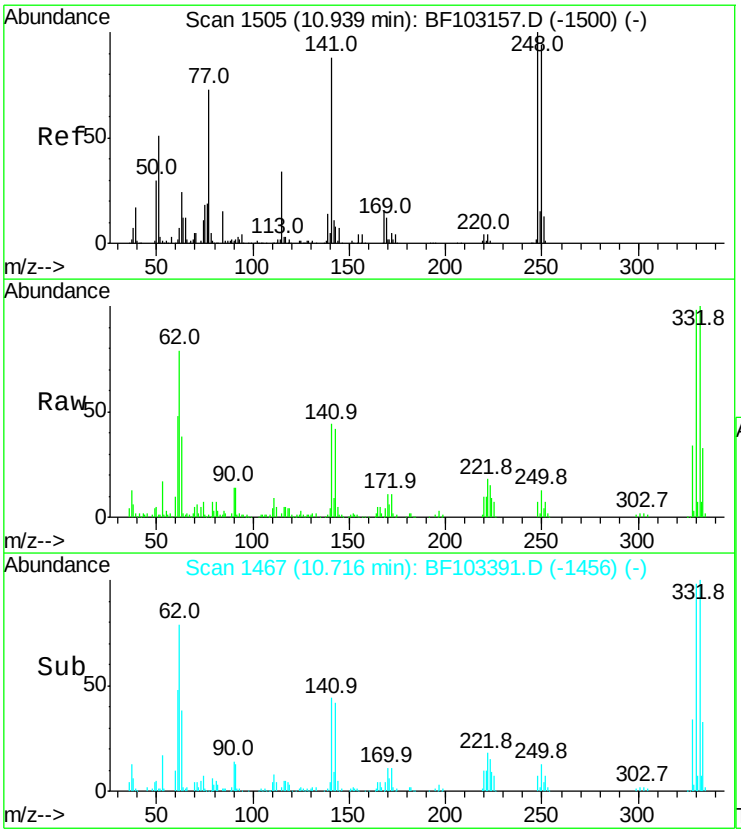
#64
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:198 Resp: 287

Ion	Ratio	Lower	Upper
198	100		
51	264.1	37.7	77.7#
105	284.6	36.3	76.3#

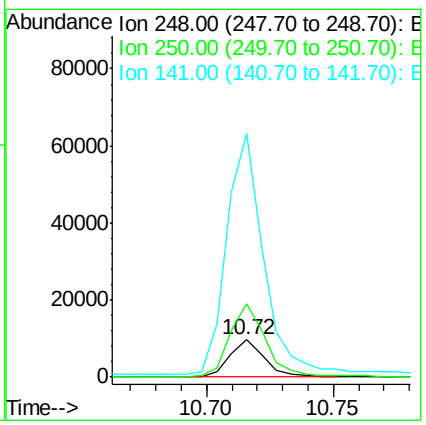


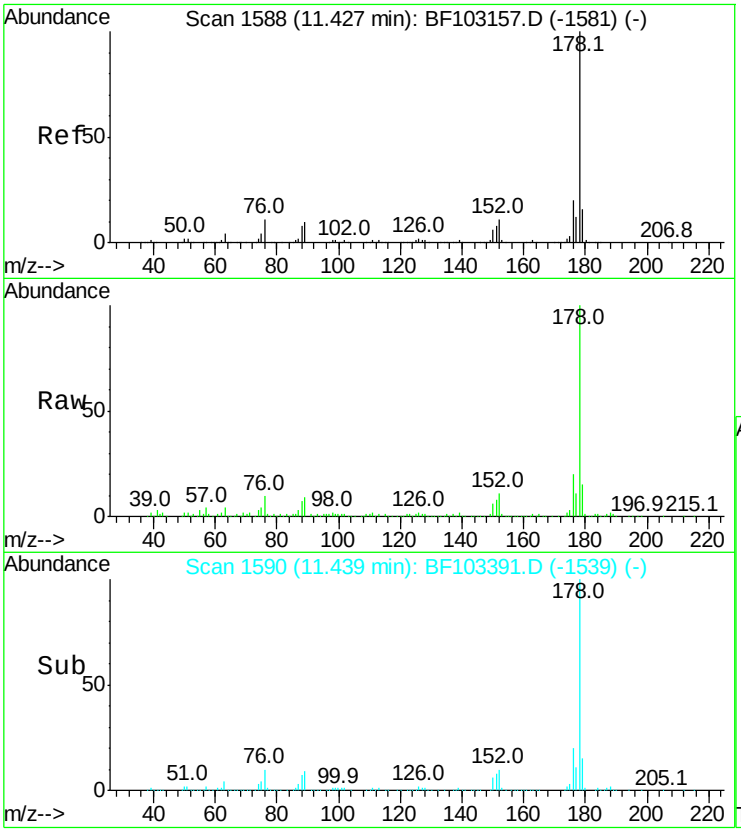


#66
4-Bromophenyl-phenylether
Concen: 2.872 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:248 Resp: 9128

Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.9	115.3#
141	658.6	74.4	111.6#



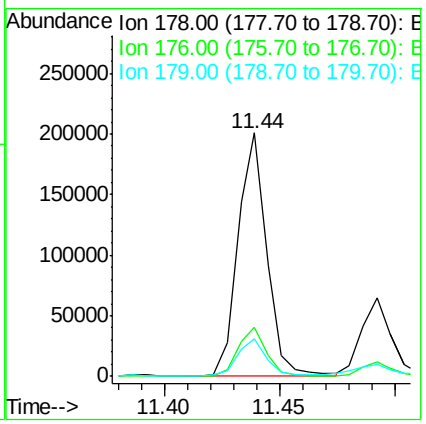


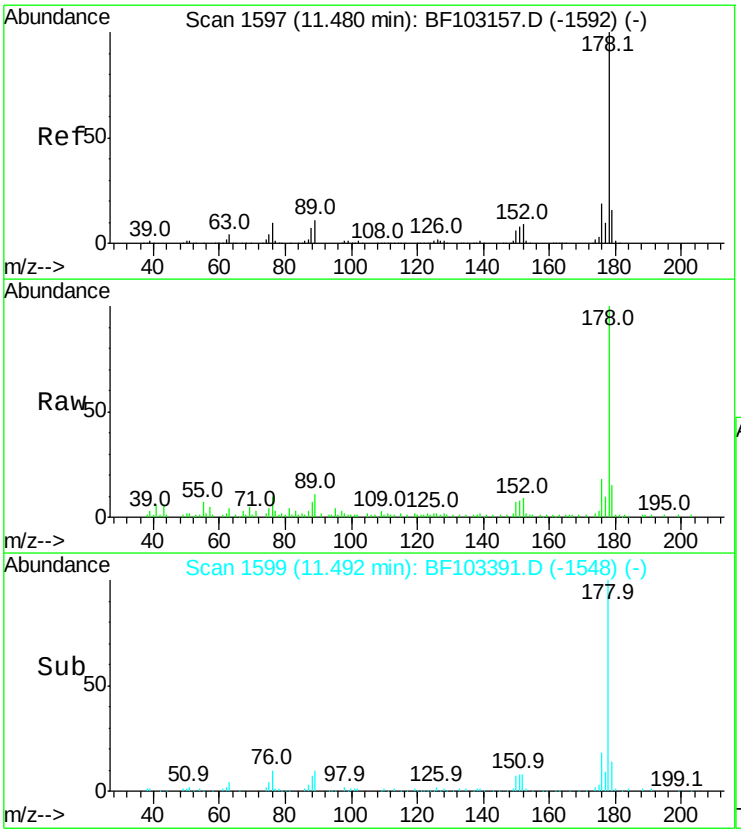
#70
Phenanthrene
Concen: 10.357 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:178 Resp: 173867

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.5	13.0	19.6

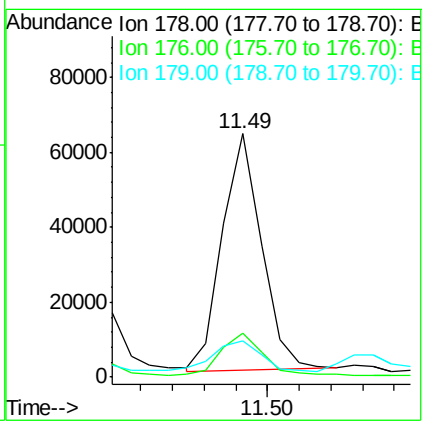


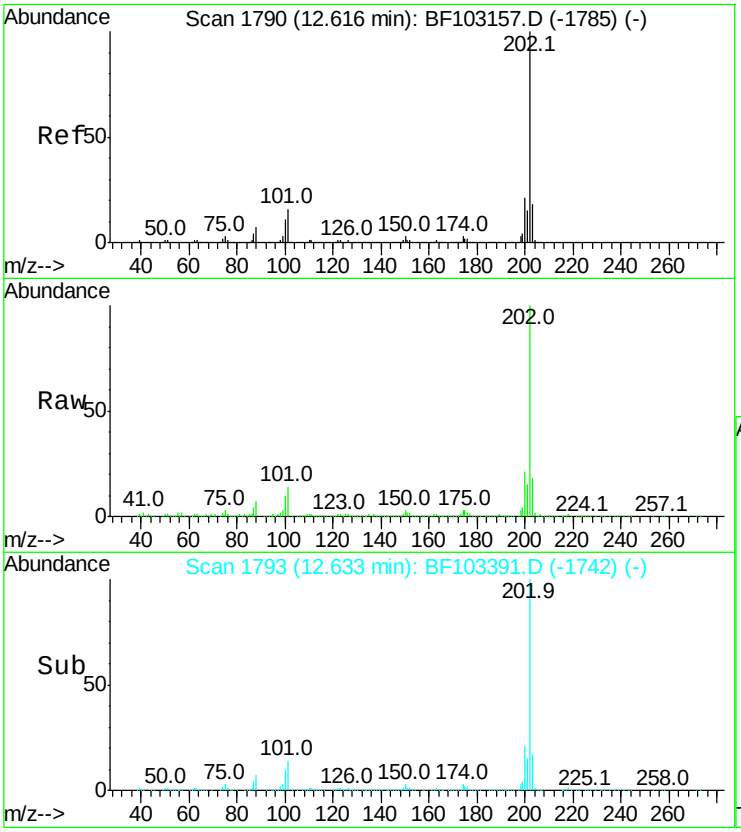


#71
Anthracene
Concen: 3.136 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:178 Resp: 53981

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.1	12.6	19.0



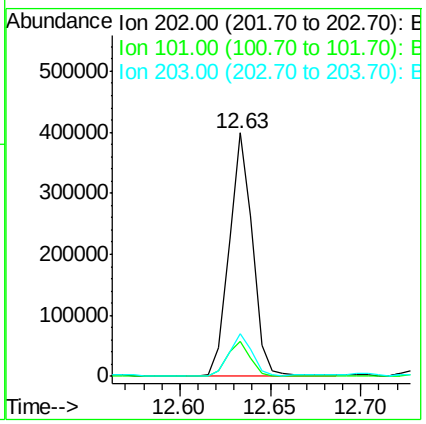


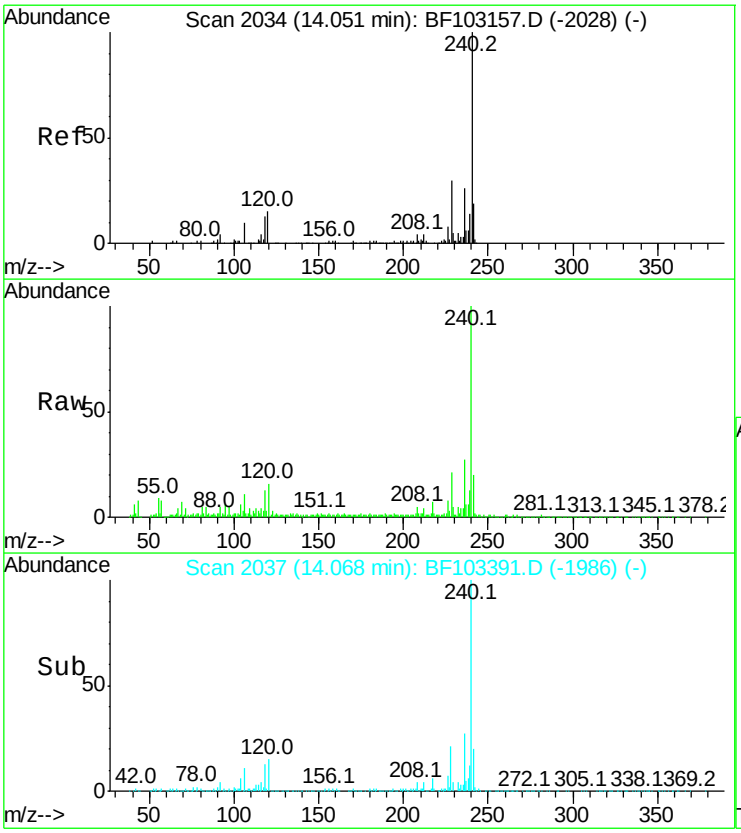
#74
Fluoranthene
Concen: 21.041 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:202 Resp: 354955

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.6	0.0	38.1

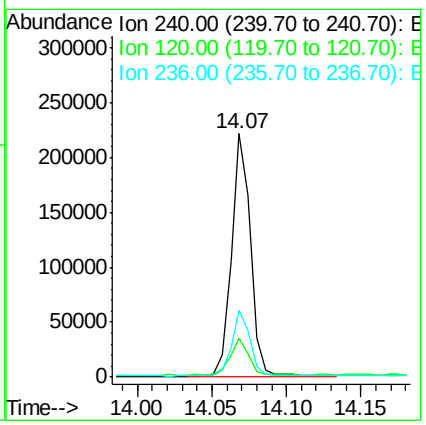


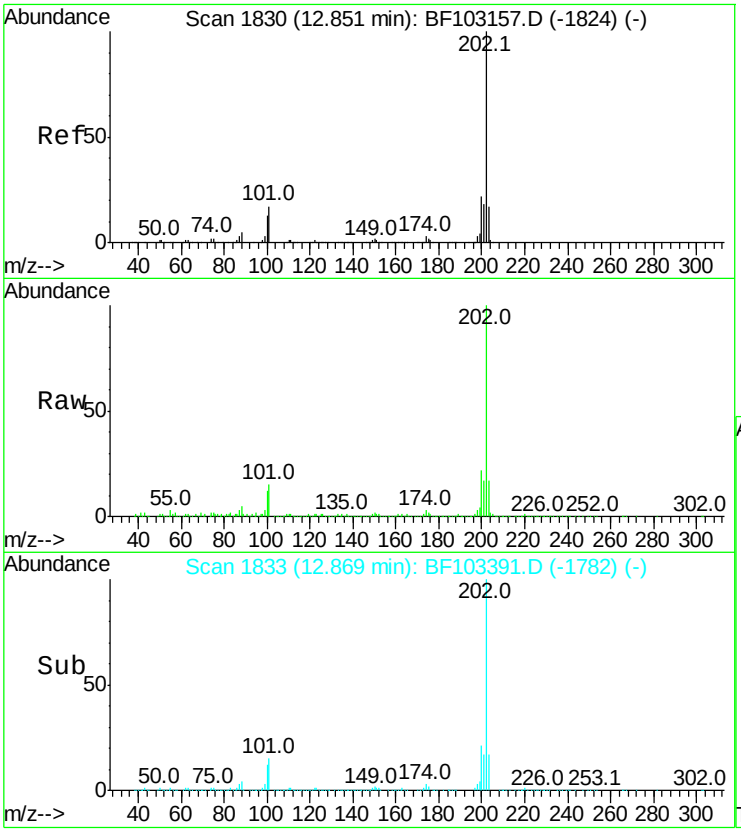


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:240 Resp: 198687

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	27.4	20.7	31.1



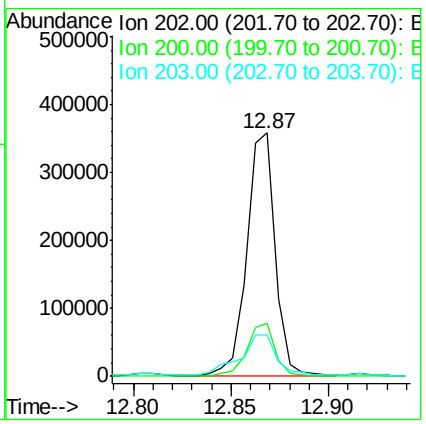


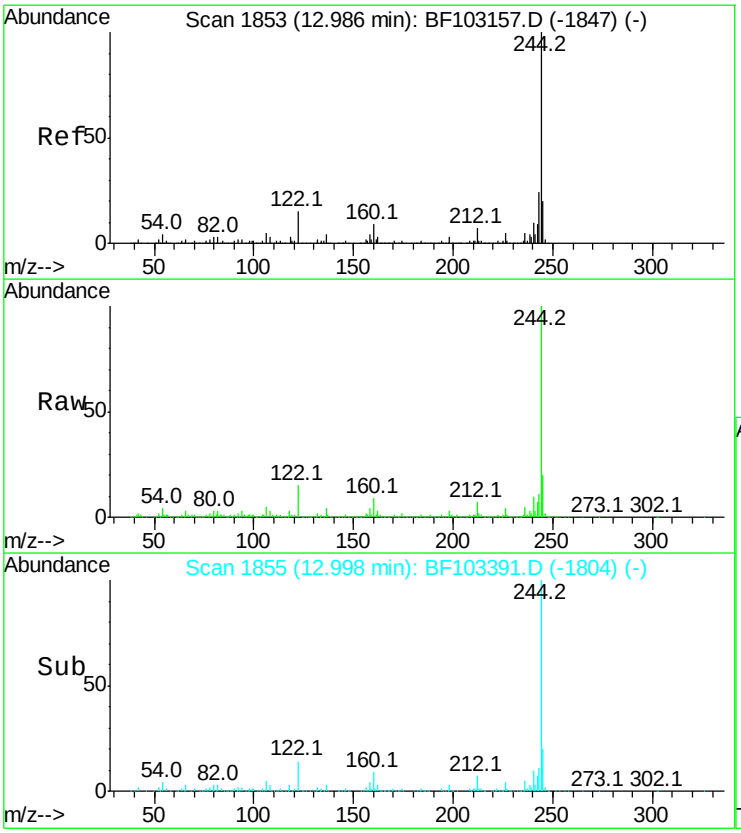
#77
Pyrene
Concen: 23.133 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:202 Resp: 358344

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

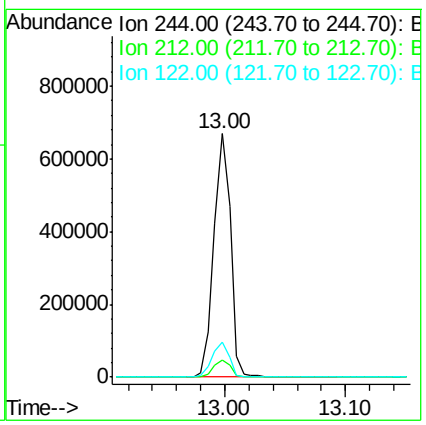


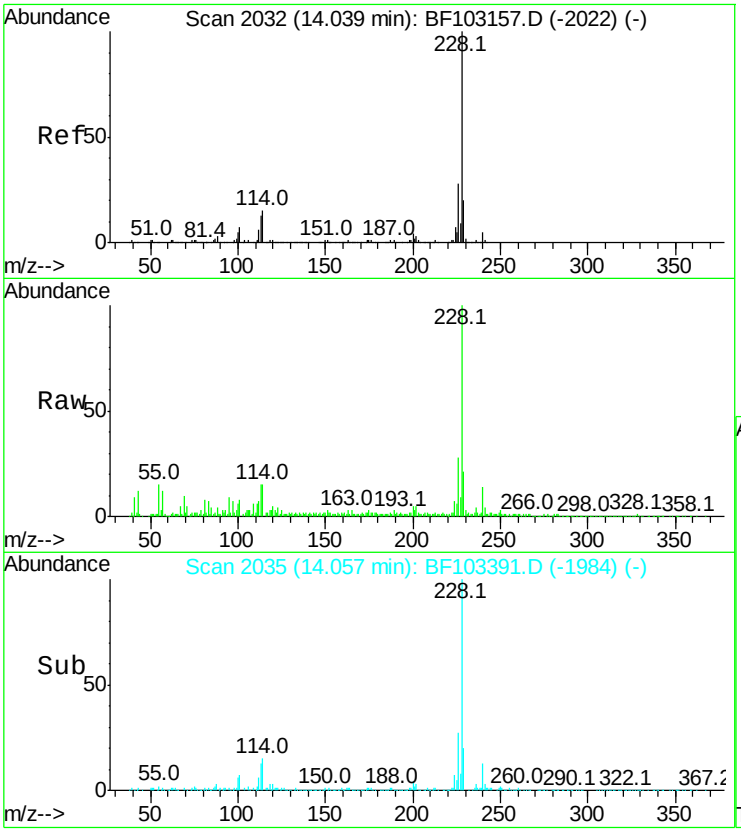


#78
Terphenyl-d14
Concen: 76.315 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:244 Resp: 630770

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.6	11.0	16.4



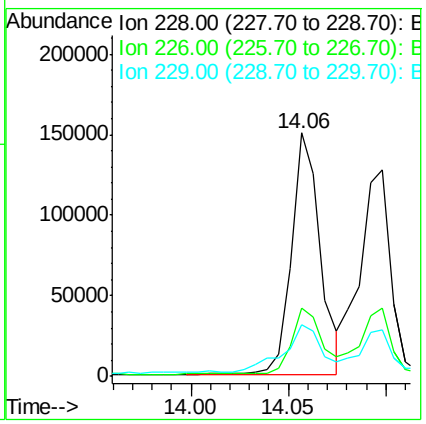


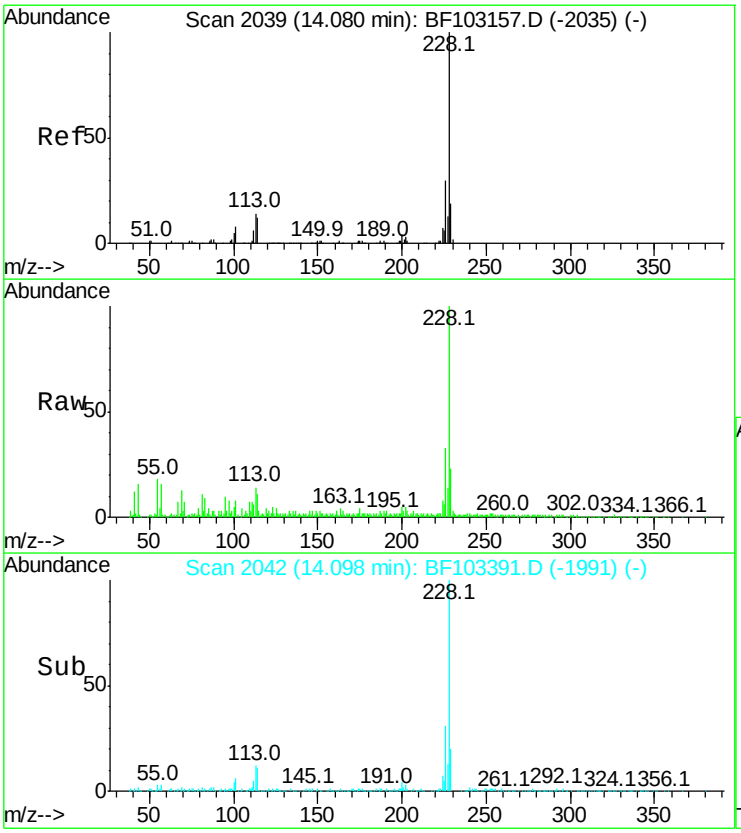
#80
Benzo(a)anthracene
Concen: 11.901 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:228 Resp: 153425

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.2	15.8	23.6

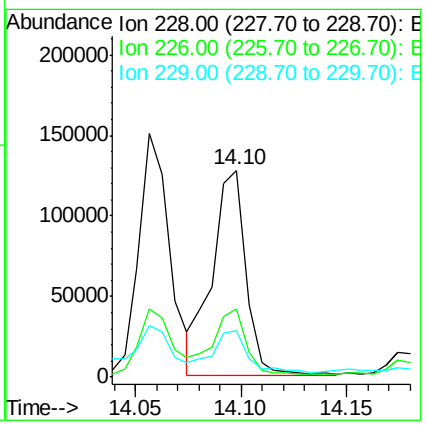


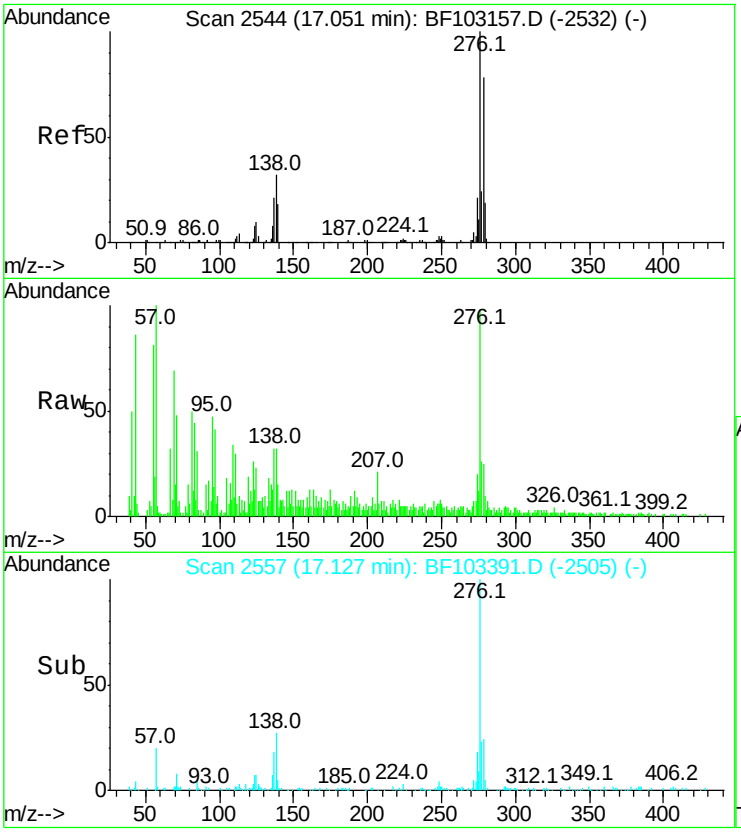


#82
Chrysene
Concen: 11.268 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:228 Resp: 141045

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	22.6	16.2	24.4



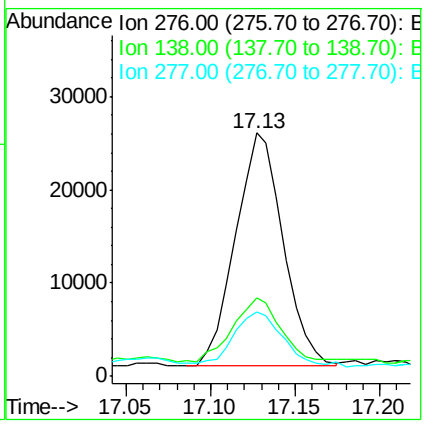


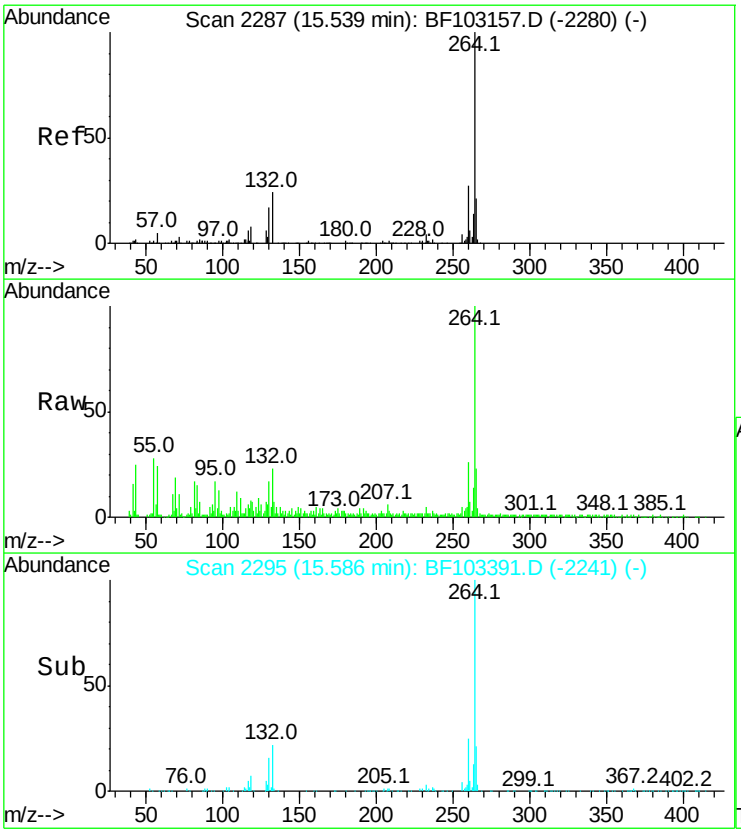
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.961 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:276 Resp: 49158

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	24.0	20.1	30.1

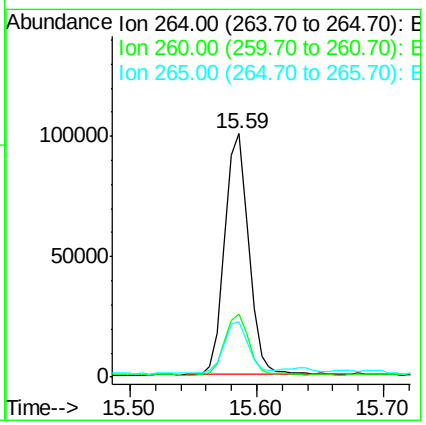


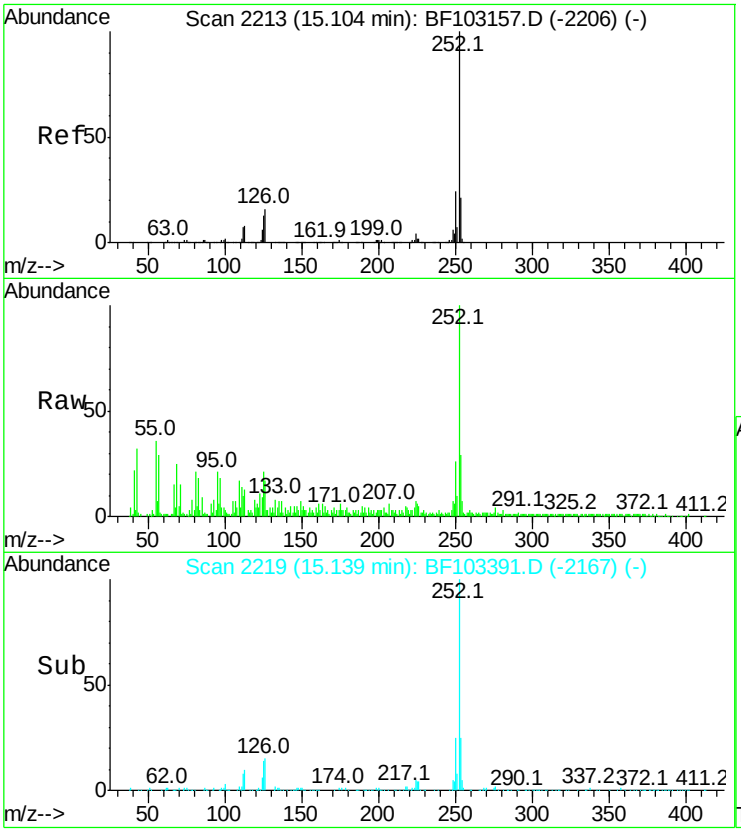


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:264 Resp: 131794

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	22.6	17.5	26.3



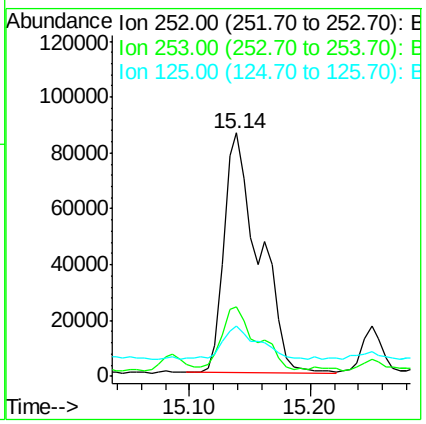


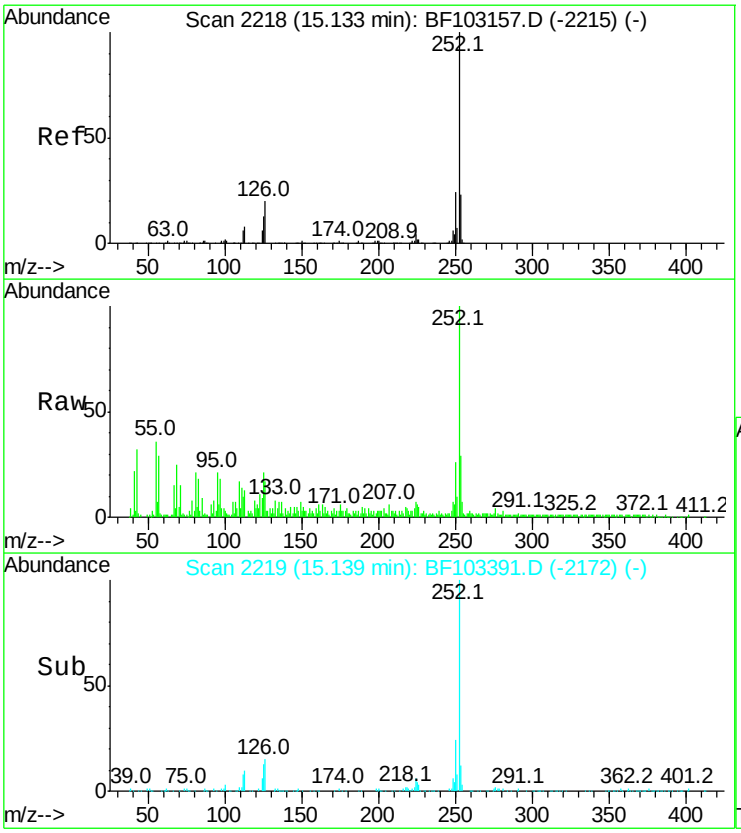
#87
Benzo(b)fluoranthene
Concen: 19.894 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:252 Resp: 172391

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.0	25.6#
125	20.6	9.0	13.6#

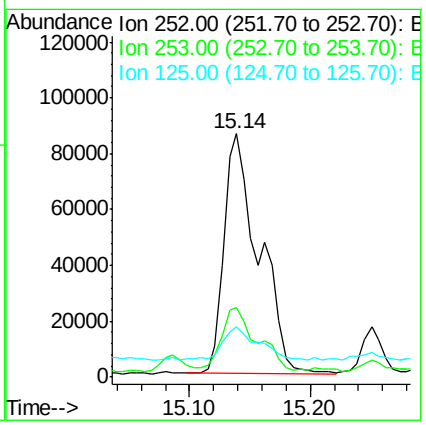


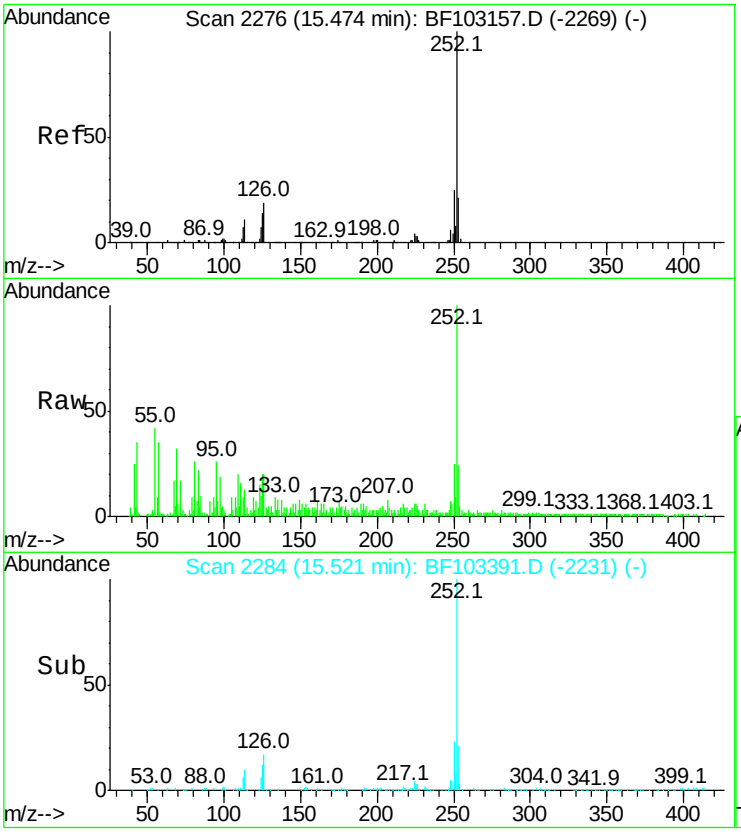


#88
Benzo(k)fluoranthene
Concen: 21.127 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:252 Resp: 172391

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.9	26.9#
125	20.6	10.2	15.2#



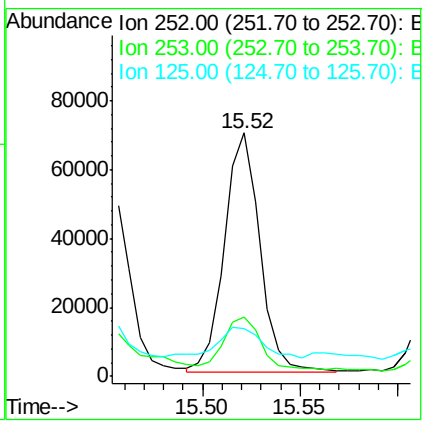


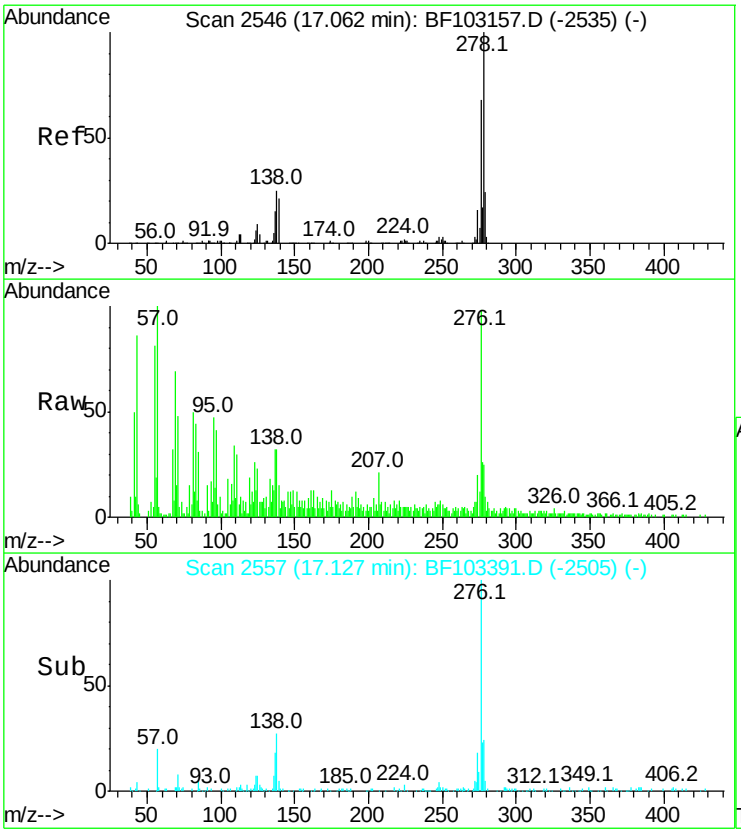
#89
Benzo(a)pyrene
Concen: 11.283 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:252 Resp: 87310

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	19.8	9.8	14.6#

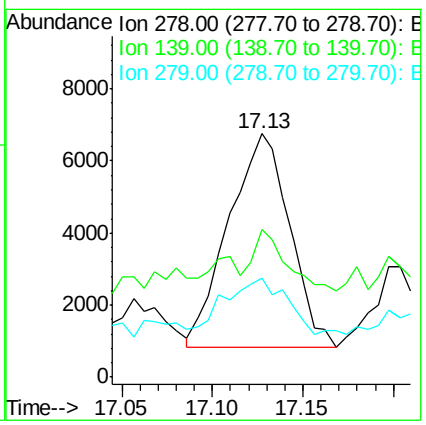


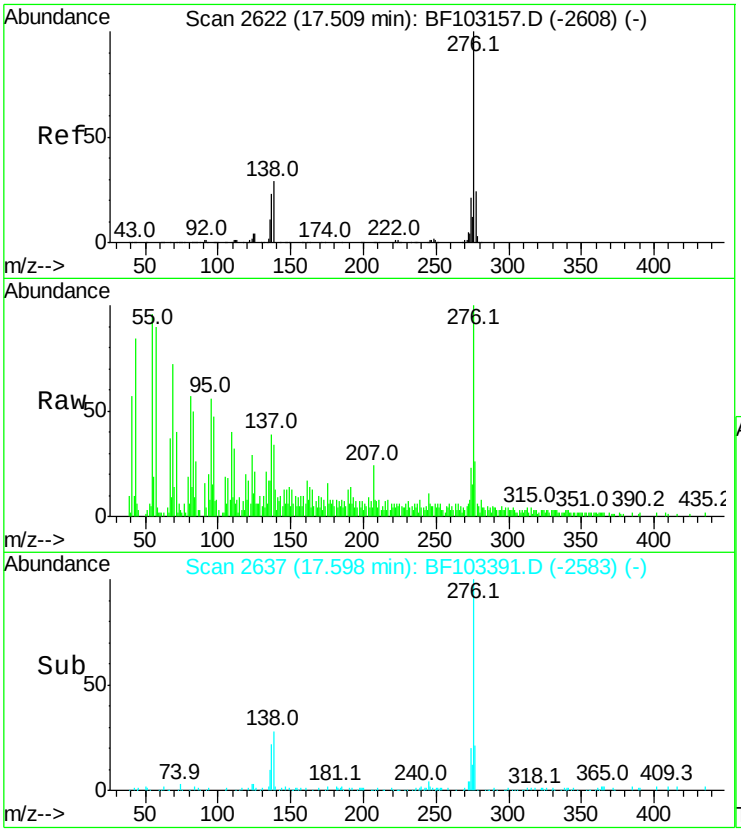


#90
Dibenzo(a,h)anthracene
Concen: 2.325 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Tgt Ion:278 Resp: 13905

Ion	Ratio	Lower	Upper
278	100		
139	60.5	15.9	23.9#
279	40.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.441 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.02 min
Lab File: BF103391.D
Acq: 3 Mar 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SP-25

Tgt Ion:276 Resp: 49328

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	33.6	21.8	32.8#