Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-19

Quant Time: Mar 03 02:49:40 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	141275	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	600546	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	238796	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	341494	20.00	ng		0.00
75) Chrysene-d12	14.07	240	205786	20.00	ng		0.00
86) Perylene-d12	15.58	264	148018	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	943969	101.06	ng		0.00
7) Phenol-d6	6.52	99	1131162	98.96	ng		0.00
23) Nitrobenzene-d5	7.45	82	719009	68.37	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	154081	76.23	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	965894	66.01	ng		0.00
78) Terphenyl-d14	13.00	244	599622	70.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2187	Below Cal			88
10) Phenol	6.53	94	32185	2.426	ng	#	62
19) n-Nitroso-di-n-propylamine	7.45	70	97918	13.765	ng	#	84
25) Isophorone	7.45	82	719006	34.716	ng	#	64
49) Dimethylphthalate	9.63	163	79203	4.135	ng		99
50) 2,6-Dinitrotoluene	9.92	165	32379	8.054	ng	#	26
55) 4-Nitrophenol	10.13	139	6690	2.116	ng	#	22
56) 2,4-Dinitrotoluene	9.92	165	32380	6.369	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	527	5.173	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	10803	3.037	ng	#	1
70) Phenanthrene	11.44	178	273601	14.558	ng		99
71) Anthracene	11.49	178	88595	4.597	ng		98
74) Fluoranthene	12.63	202	526524	27.880	ng		100
77) Pyrene	12.86	202	473522	29.513	ng		99
80) Benzo(a)anthracene	14.06	228	221306	16.575	ng		98
82) Chrysene	14.09	228	201668	15.555	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	70809	6.899	ng		96
87) Benzo(b)fluoranthene	15.13	252	260621	26.780	ng	#	91
88) Benzo(k)fluoranthene	15.13	252	260621	28.439	ng	#	94
89) Benzo(a)pyrene	15.52	252	126926	14.605	ng	#	93
90) Dibenzo(a,h)anthracene	17.12	278	19248	2.866	ng	#	70
91) Benzo(g,h,i)perylene	17.59	276	65979	10.053	ng	#	88

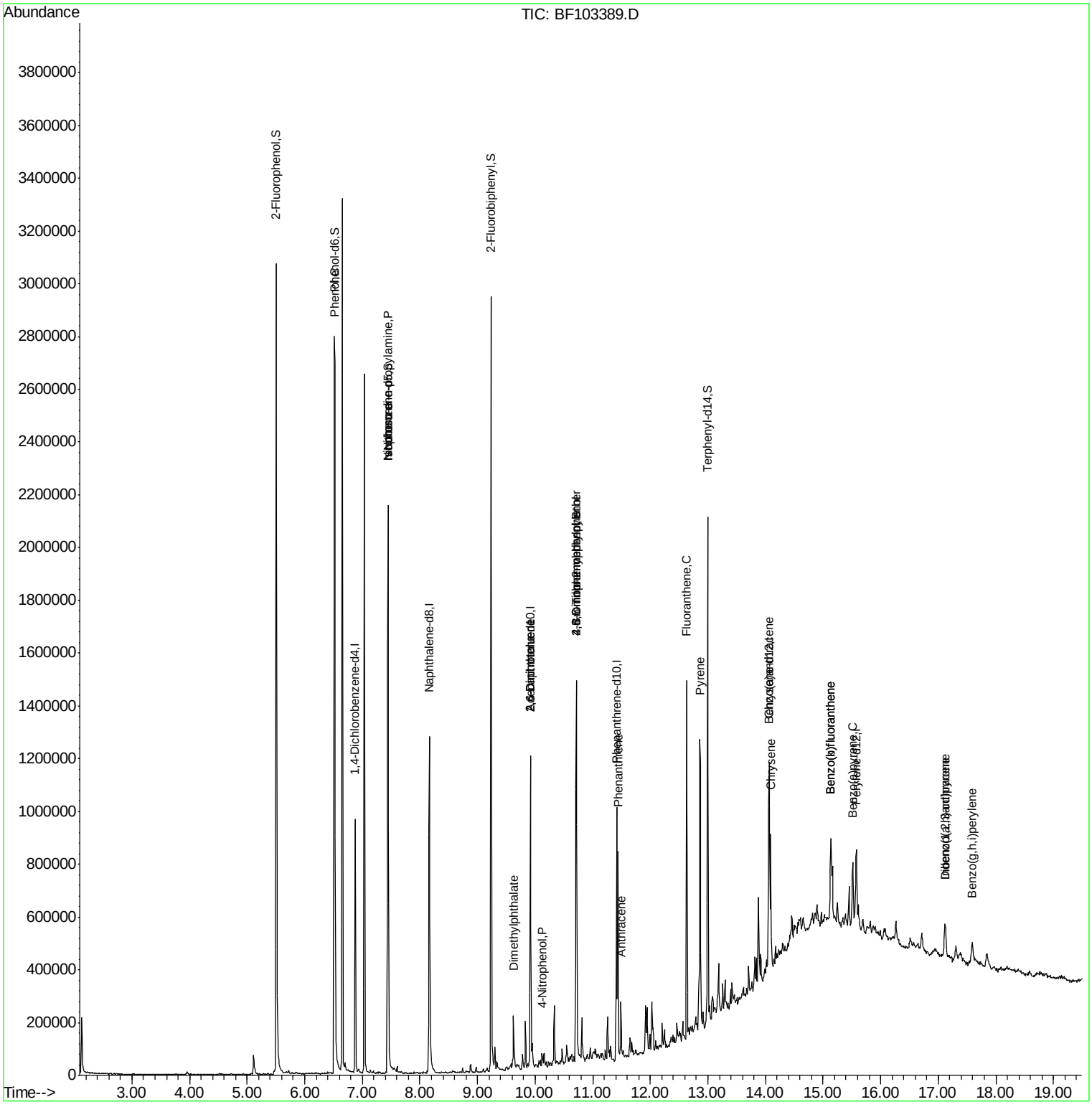
(#) = qualifier out of range (m) = manual integration (+) = signals summed

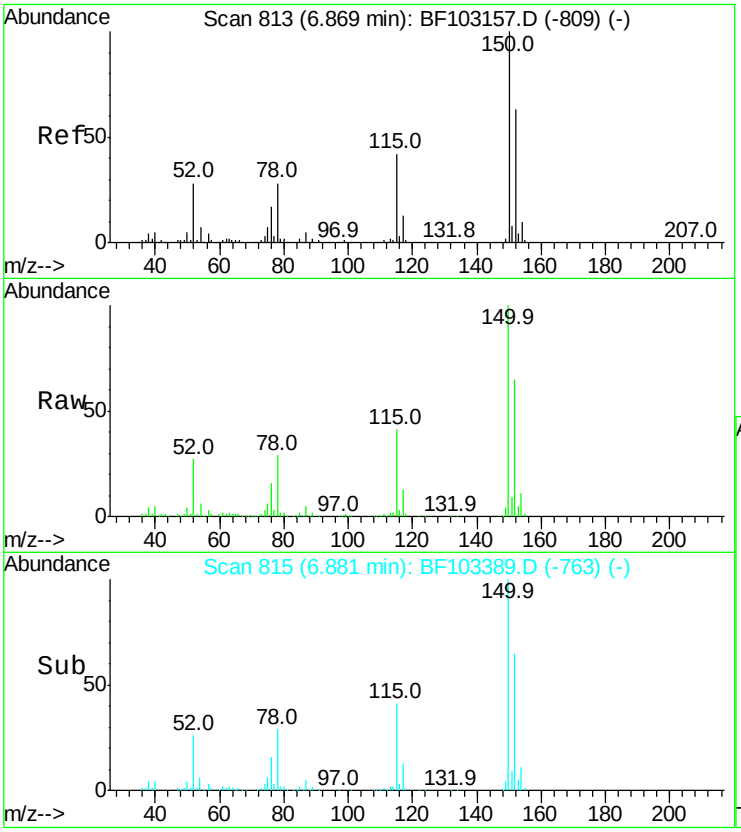
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103389.D
Acq On : 3 Mar 2018 1:53
Operator : SJ/JU
Sample : J1724-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-19

Quant Time: Mar 03 02:49:40 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



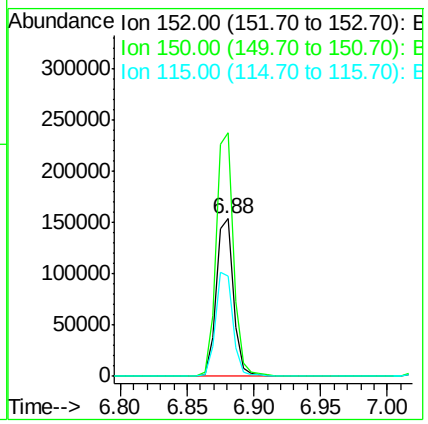


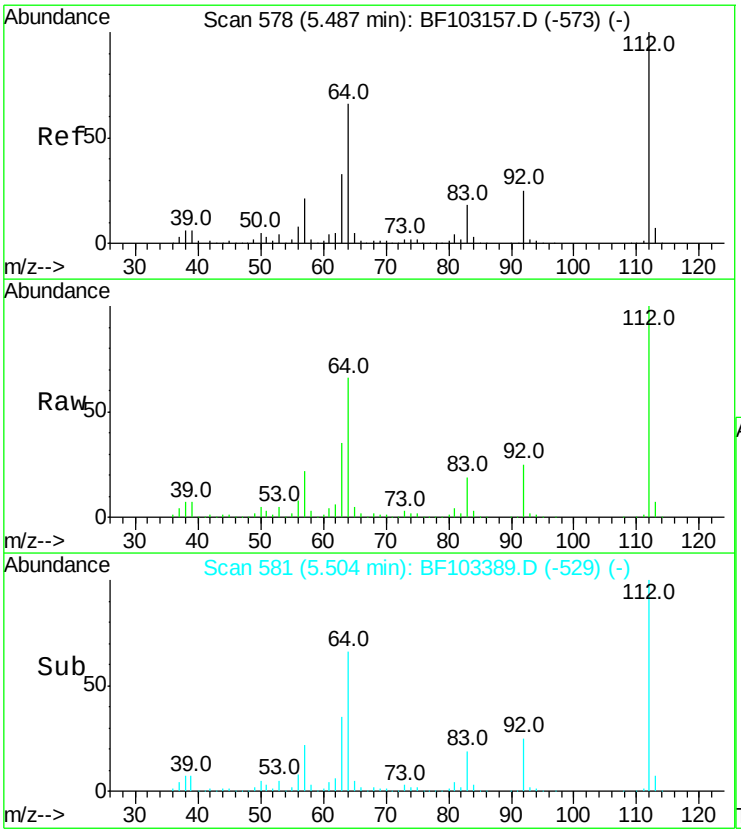
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:152 Resp: 141275

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	63.4	50.1	75.1

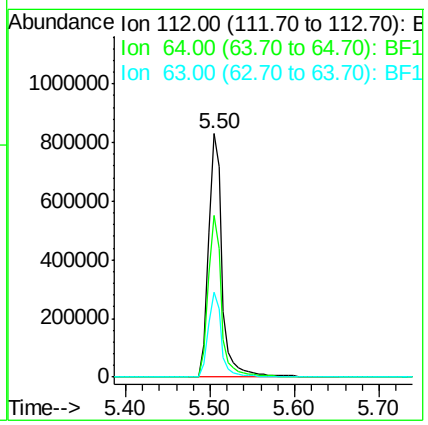


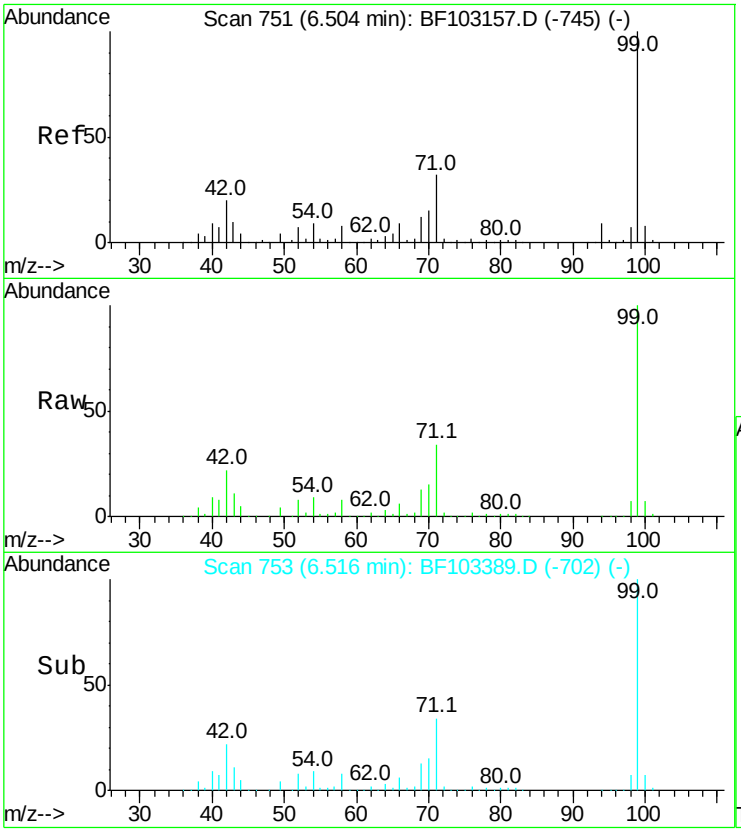


#5
2-Fluorophenol
Concen: 101.057 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:112 Resp: 943969

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.9	23.7	35.5



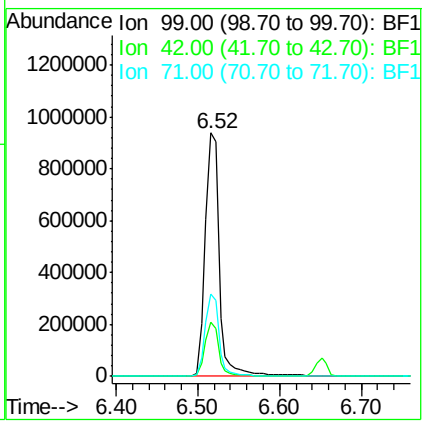


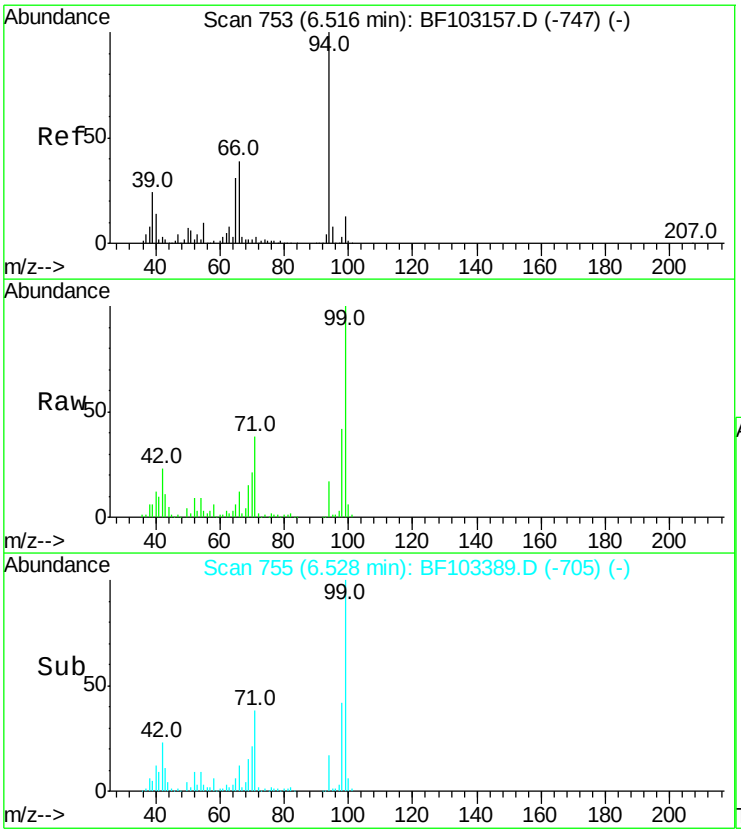
#7
Phenol-d6
Concen: 98.964 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion: 99 Resp: 1131162

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	34.1	25.4	38.0

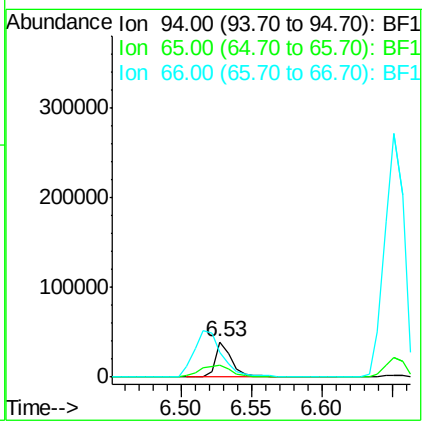


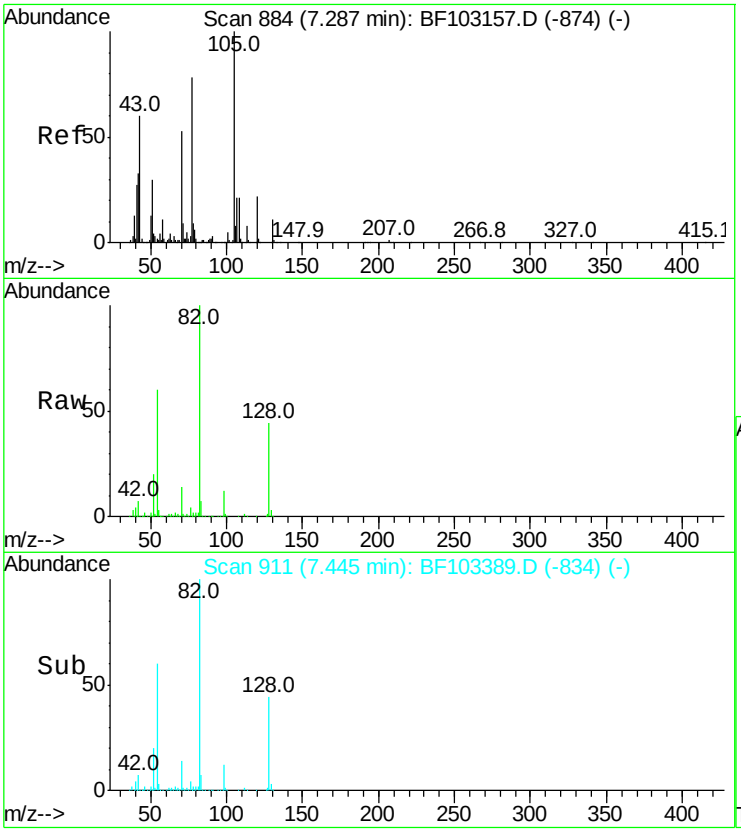


#10
Phenol
Concen: 2.426 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion: 94 Resp: 32185

Ion	Ratio	Lower	Upper
94	100		
65	35.8	7.9	47.9
66	69.2	16.2	56.2#



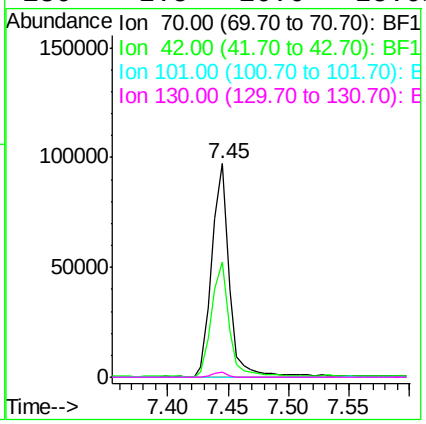


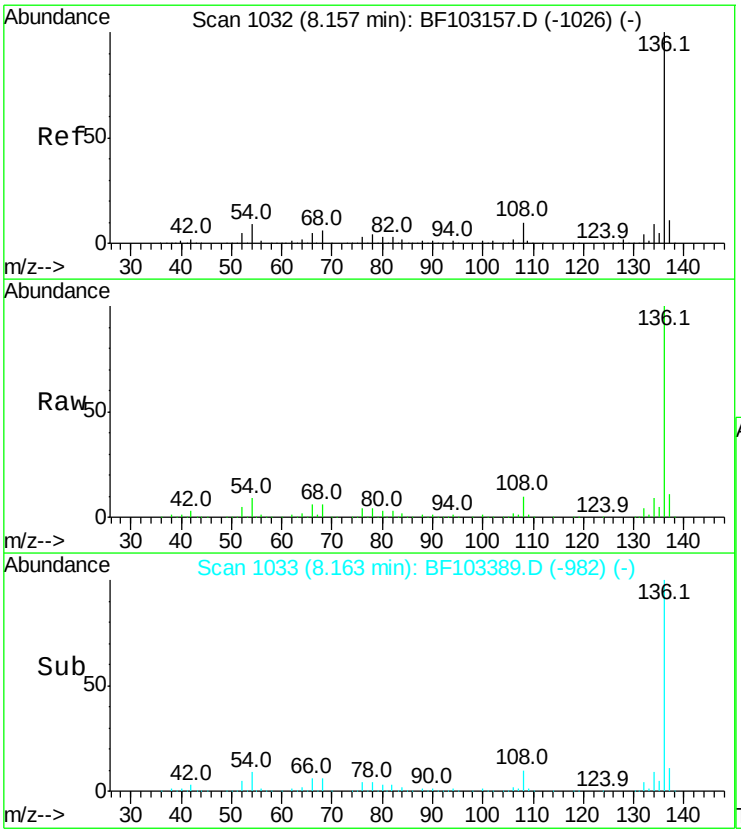
#19
n-Nitroso-di-n-propylamine
Concen: 13.765 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion: 70 Resp: 97918

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

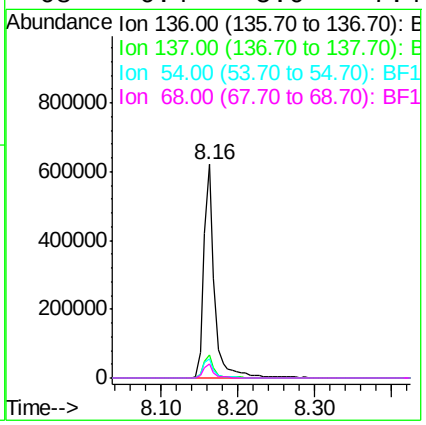


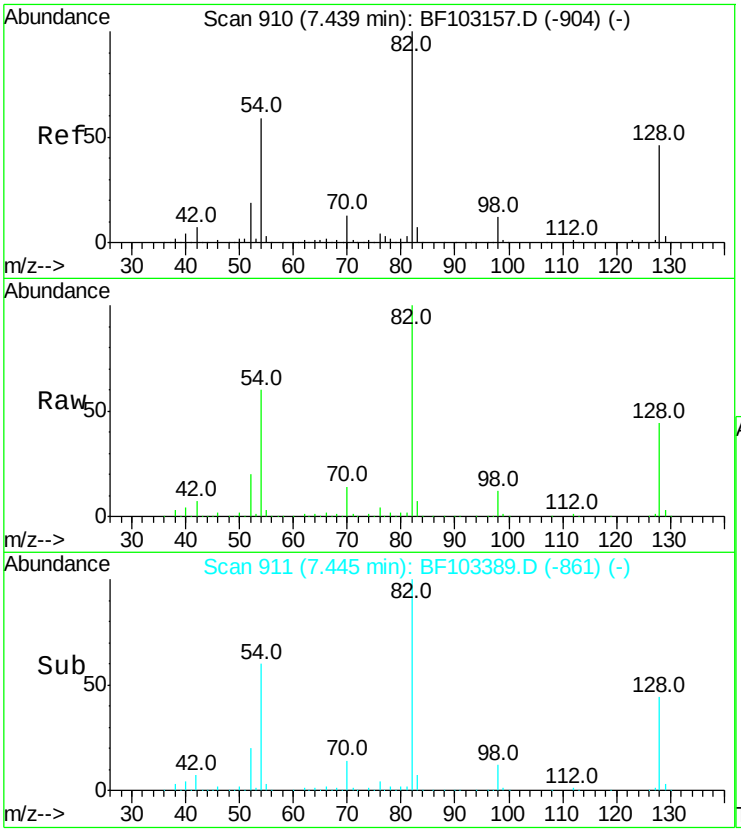


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:136 Resp: 600546

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4



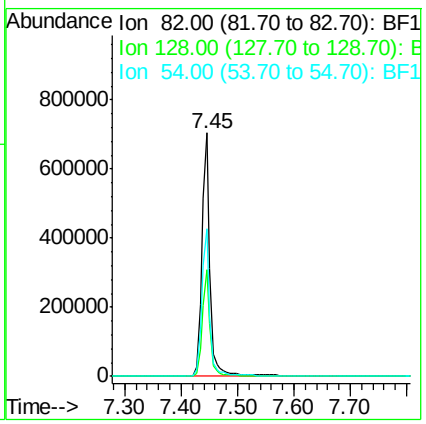


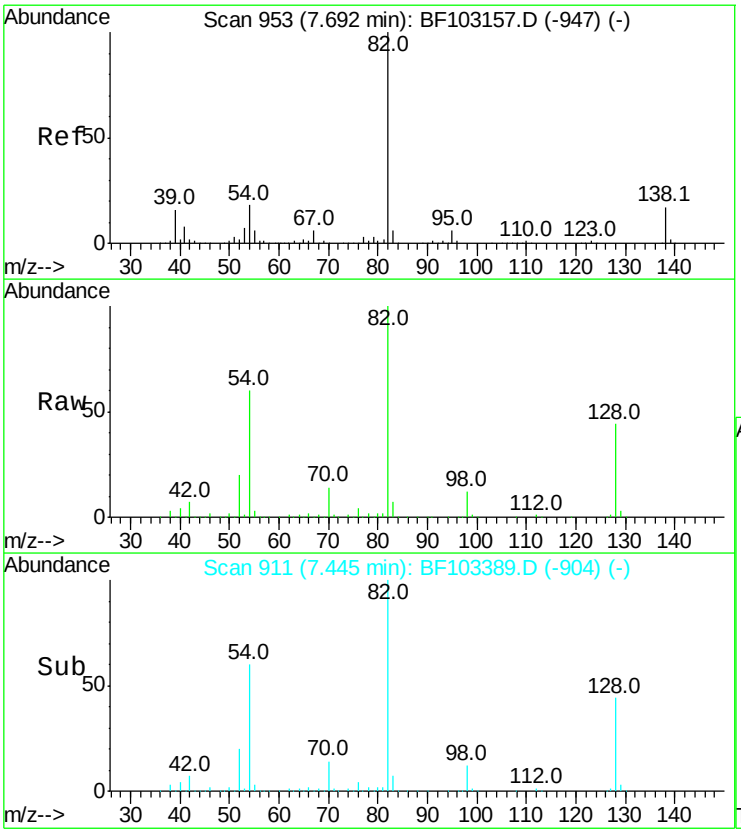
#23
Nitrobenzene-d5
Concen: 68.374 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion: 82 Resp: 719009

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	60.5	41.4	62.2

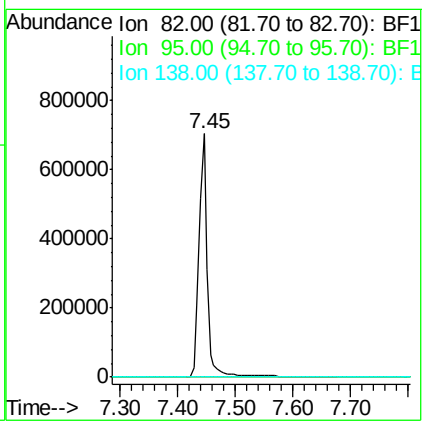


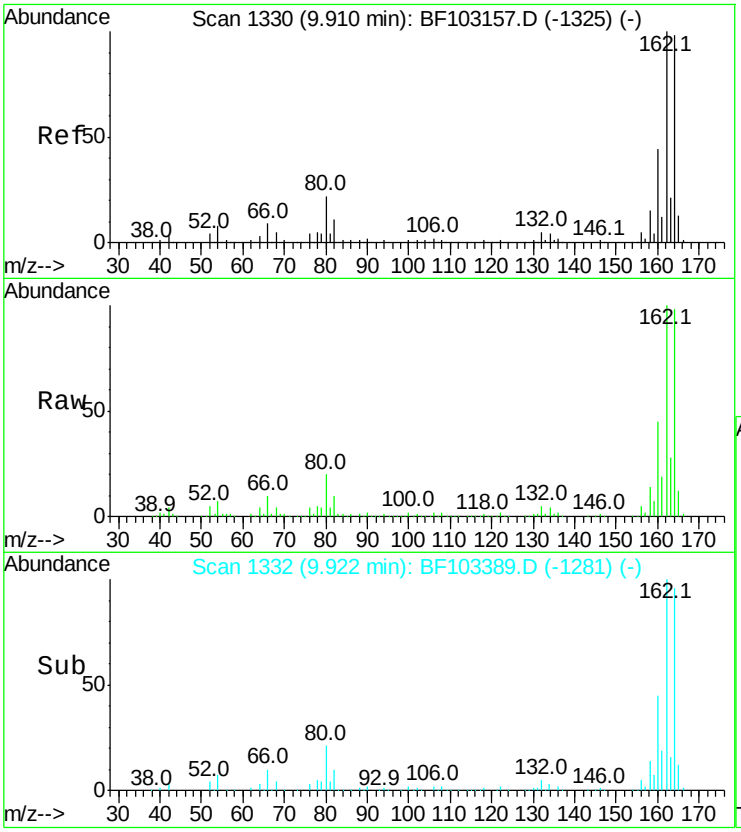


#25
Isophorone
Concen: 34.716 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion: 82 Resp: 719006

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



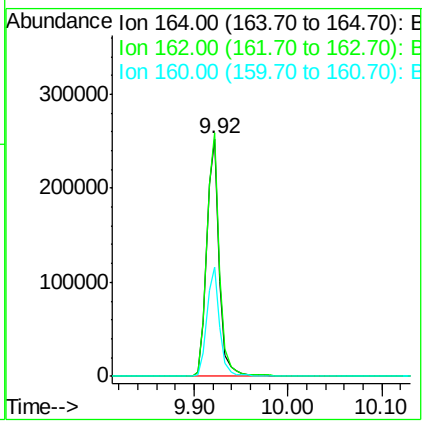


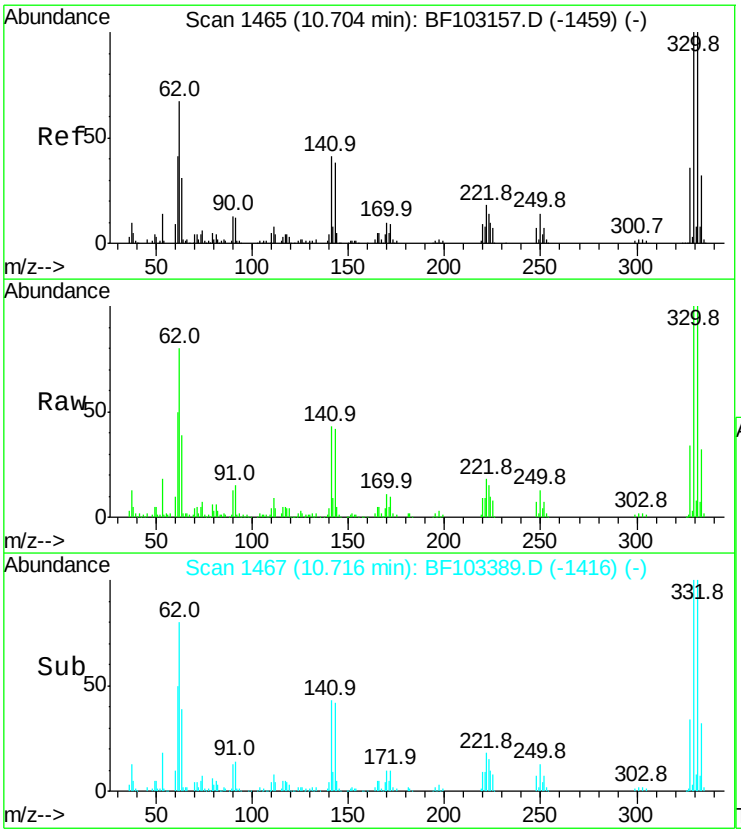
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:164 Resp: 238796

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.9	38.3	57.5

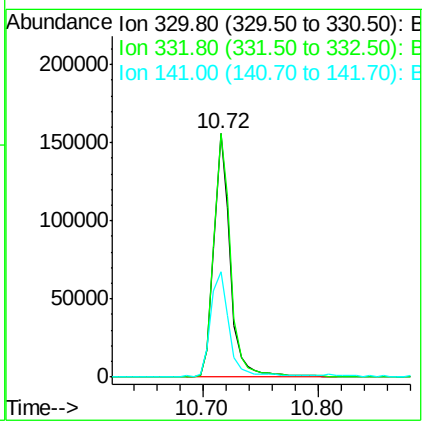


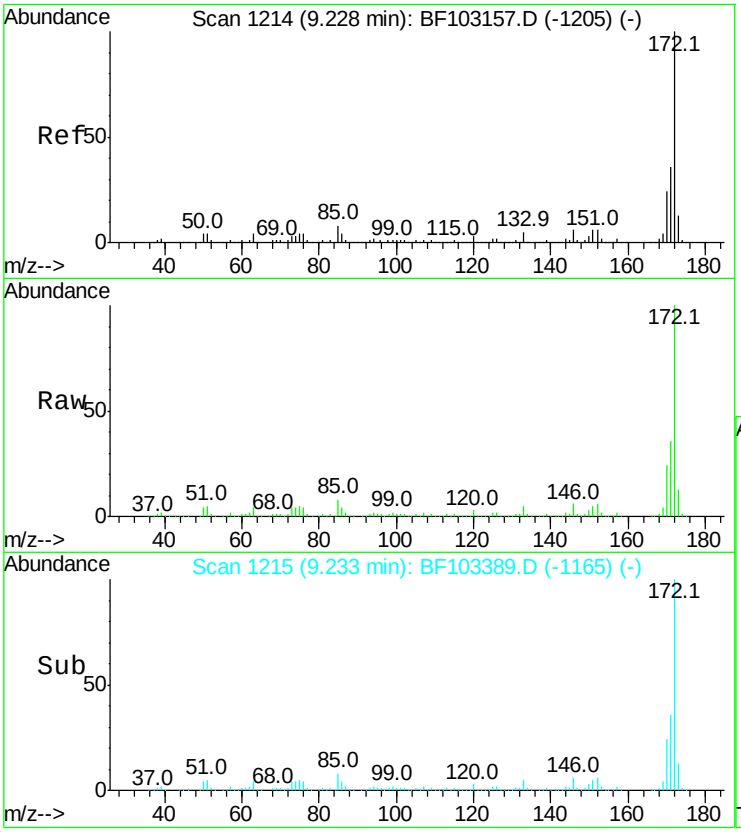


#41
2,4,6-Tribromophenol
Concen: 76.230 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:330 Resp: 154081

Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	50.1	29.9	44.9#



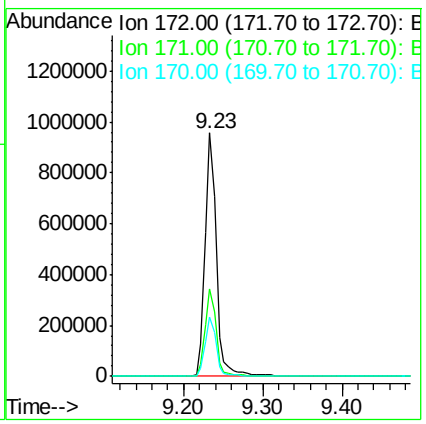


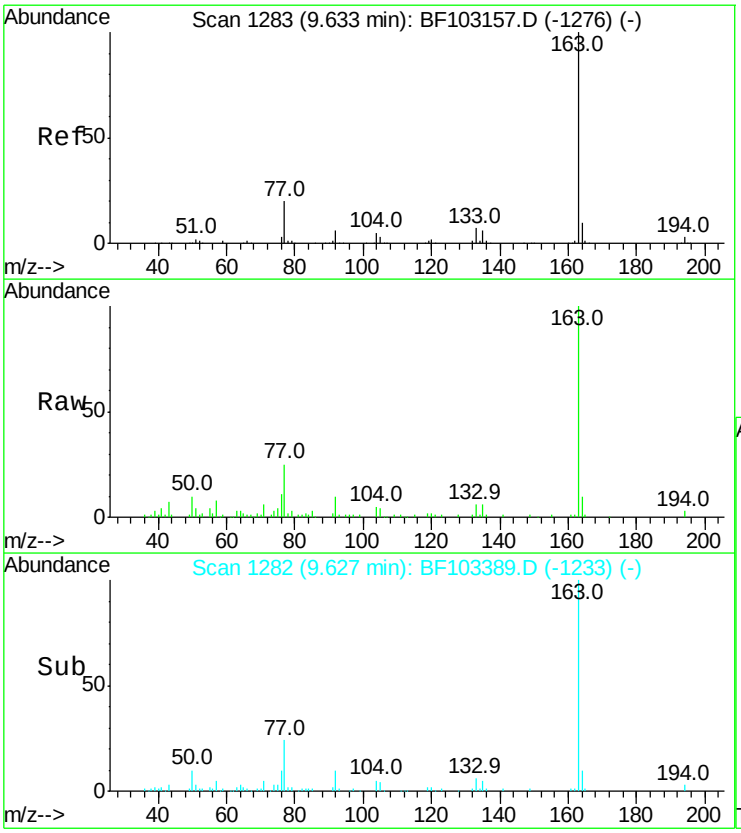
#44
2-Fluorobiphenyl
Concen: 66.013 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:172 Resp: 965894

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

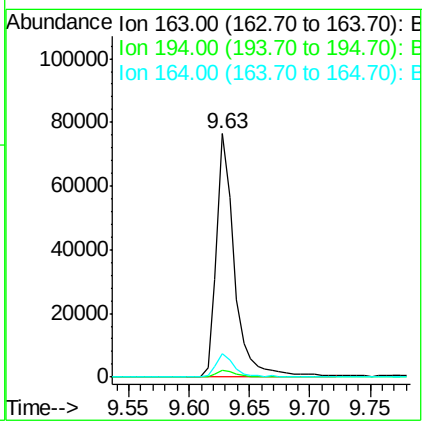


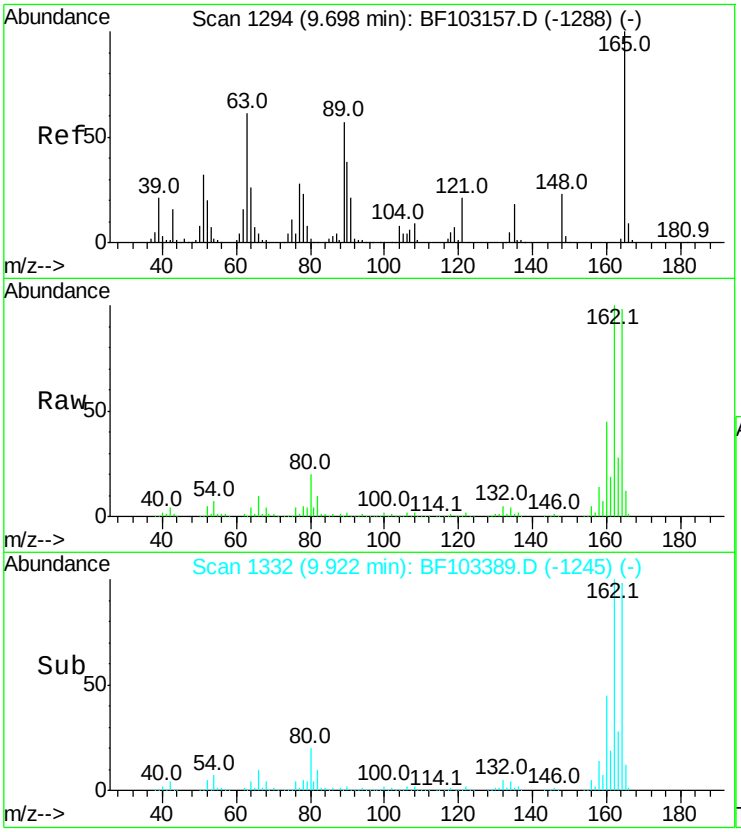


#49
Dimethylphthalate
Concen: 4.135 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:163 Resp: 79203

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.9	8.2	12.2



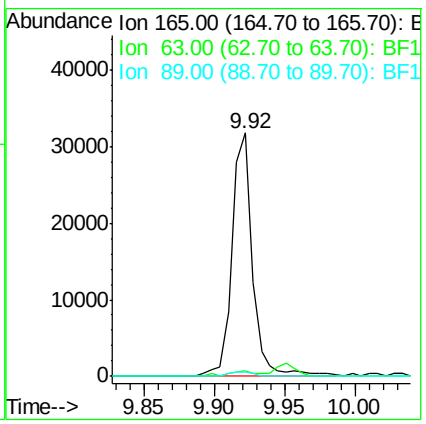


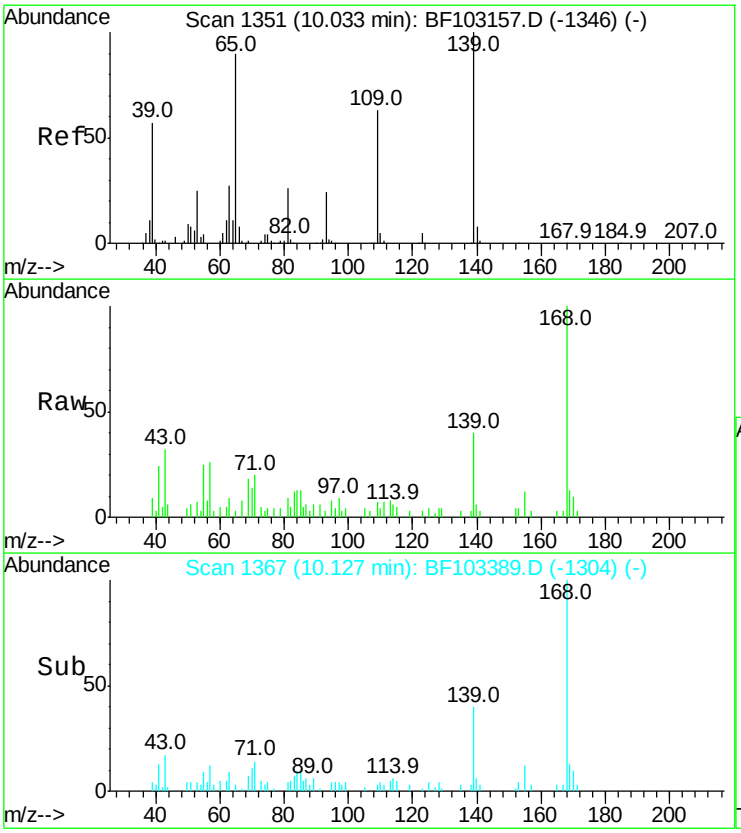
#50
2,6-Dinitrotoluene
Concen: 8.054 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:165 Resp: 32379

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.7	44.0	66.0#

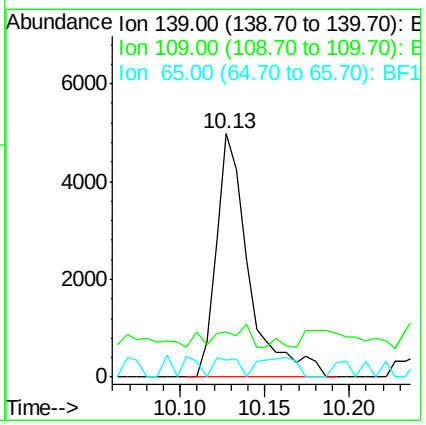


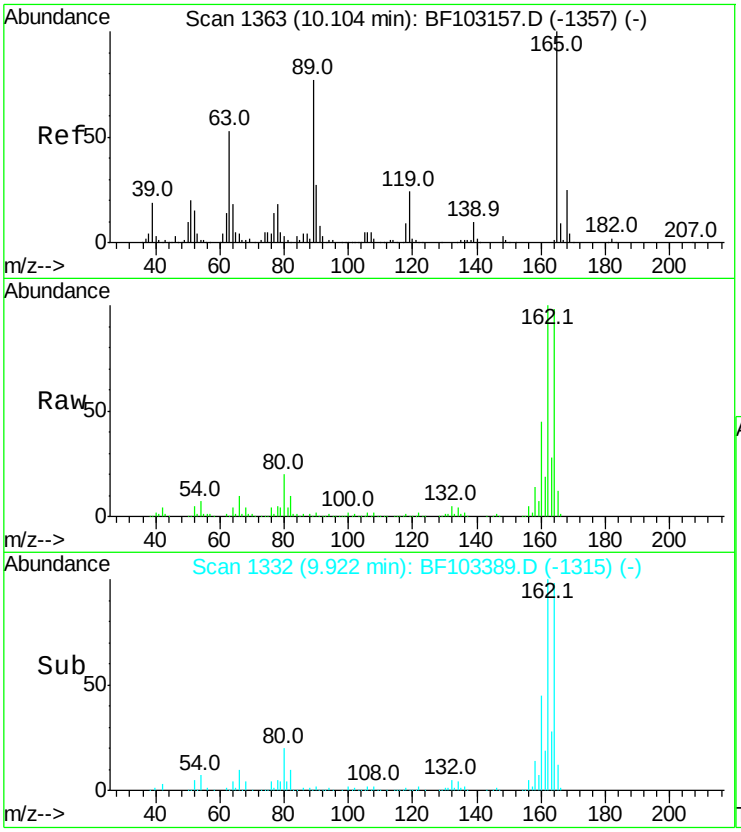


#55
4-Nitrophenol
Concen: 2.116 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.07 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:139 Resp: 6690

Ion	Ratio	Lower	Upper
139	100		
109	18.5	48.4	88.4#
65	7.1	72.6	112.6#



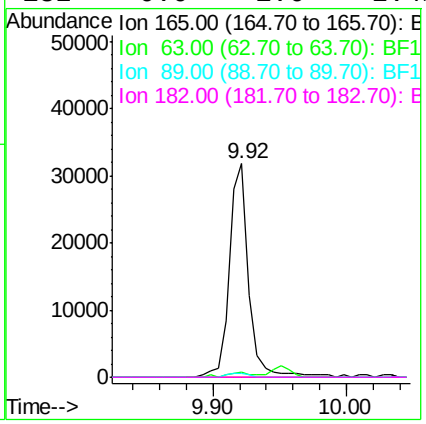


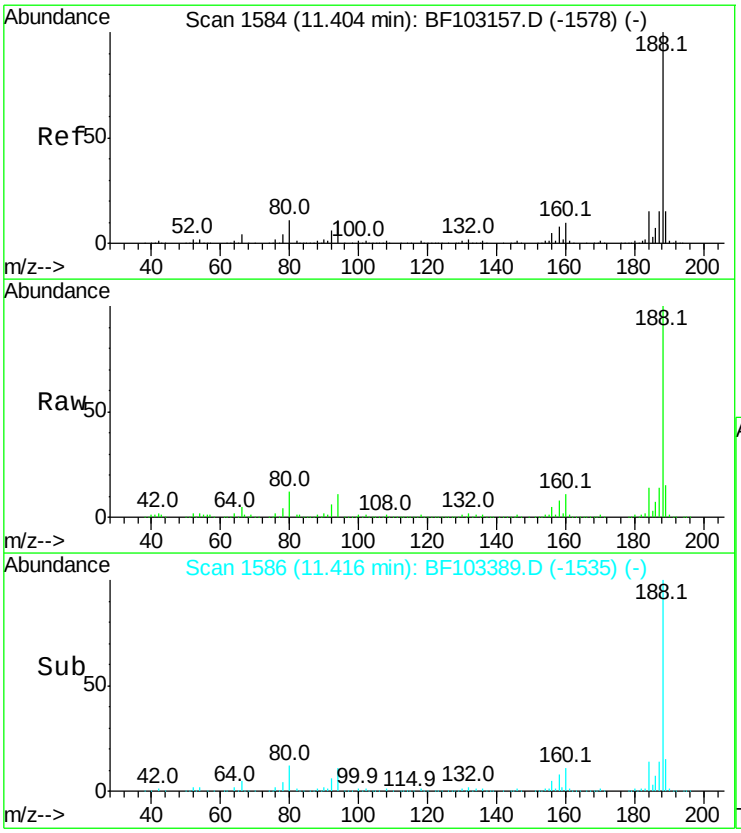
#56
2,4-Dinitrotoluene
Concen: 6.369 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.20 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:165 Resp: 32380

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

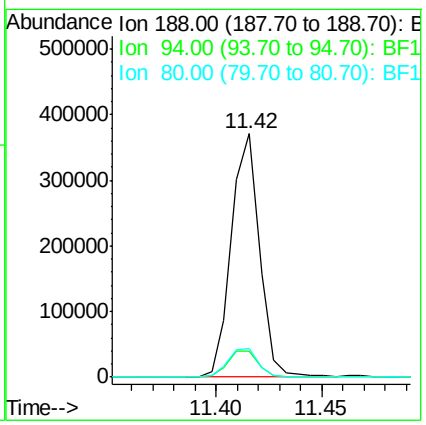


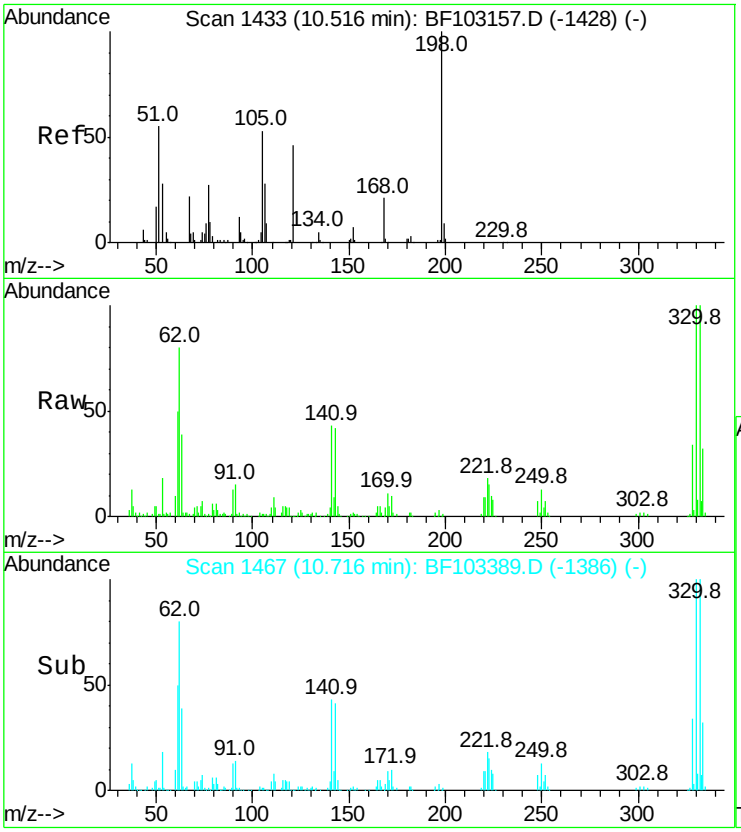


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:188 Resp: 341494

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.9	9.2	13.8



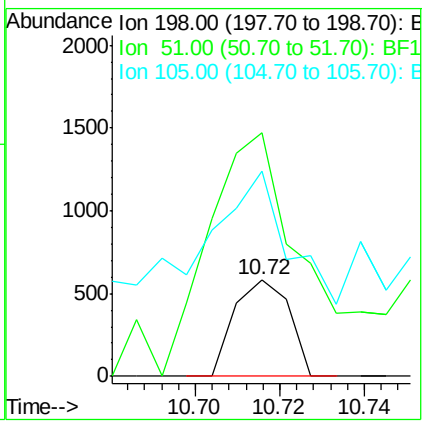


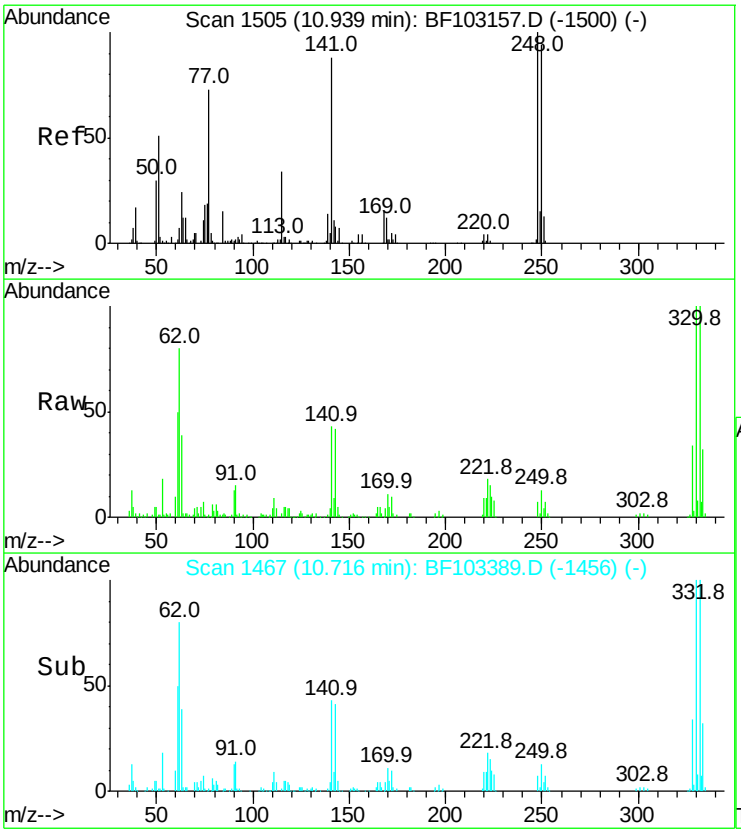
#64
4,6-Dinitro-2-methylphenol
Concen: 5.173 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:198 Resp: 527

Ion	Ratio	Lower	Upper
198	100		
51	252.3	37.7	77.7#
105	212.3	36.3	76.3#

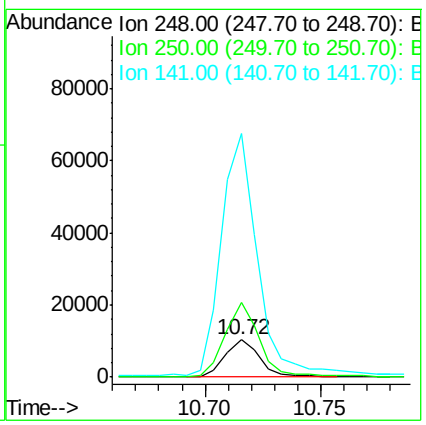


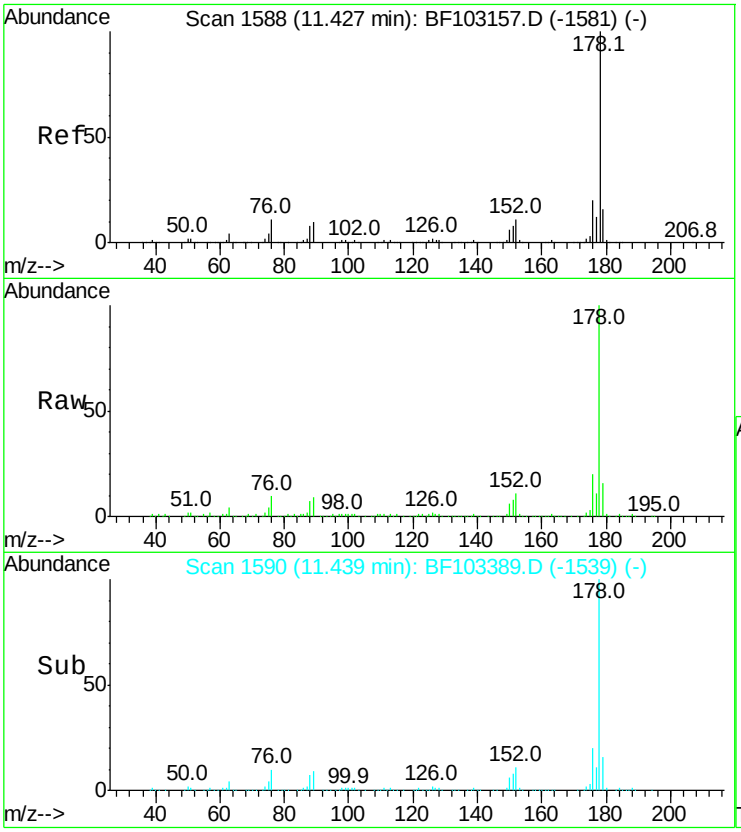


#66
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:248 Resp: 10803

Ion	Ratio	Lower	Upper
248	100		
250	202.5	76.9	115.3#
141	658.0	74.4	111.6#



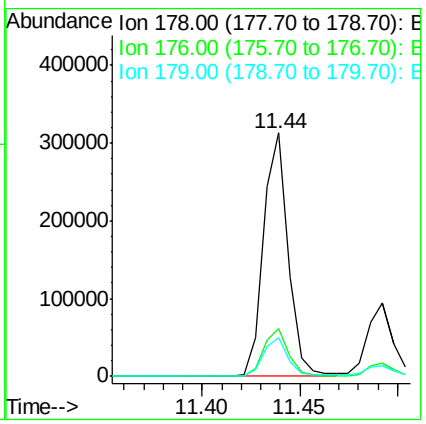


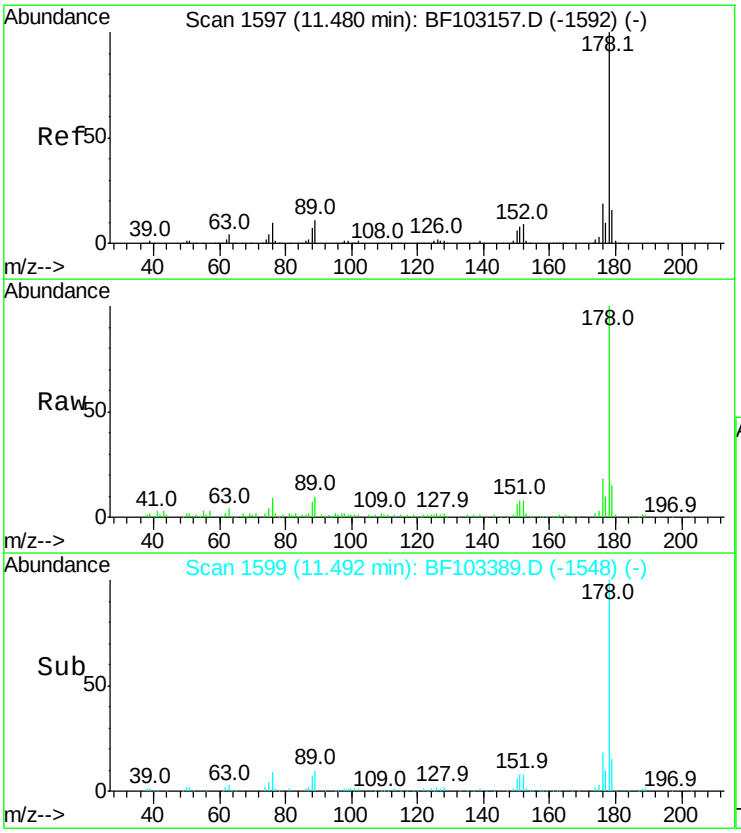
#70
Phenanthrene
Concen: 14.558 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:178 Resp: 273601

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

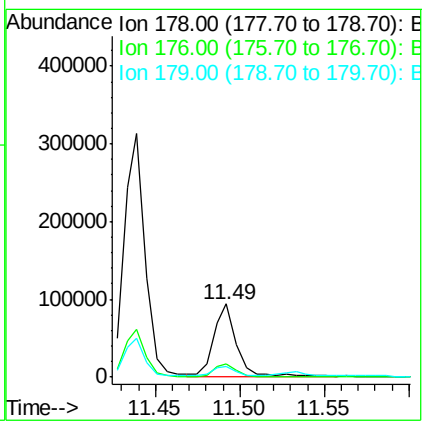


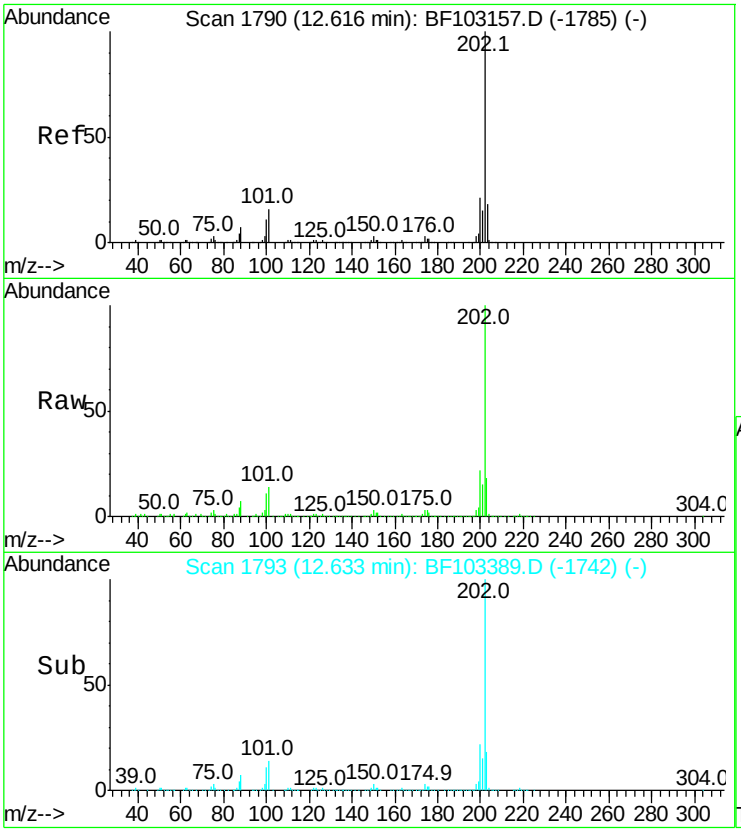


#71
Anthracene
Concen: 4.597 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:178 Resp: 88595

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	19.0



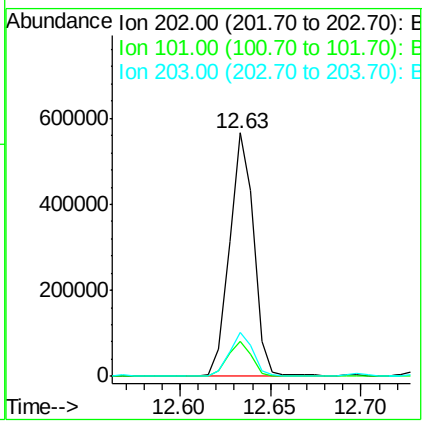


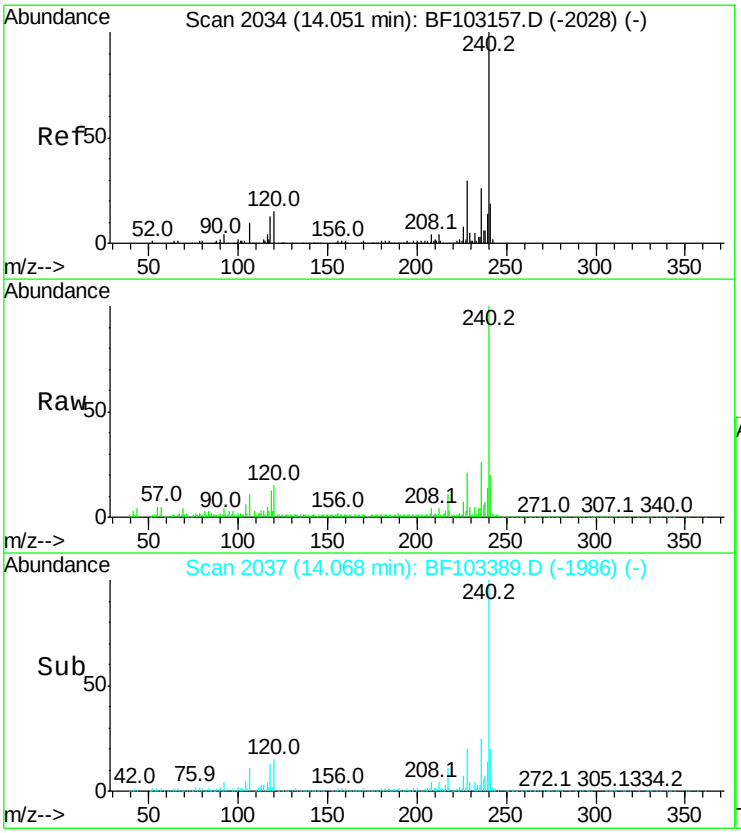
#74
Fluoranthene
Concen: 27.880 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:202 Resp: 526524

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	18.1	0.0	38.1

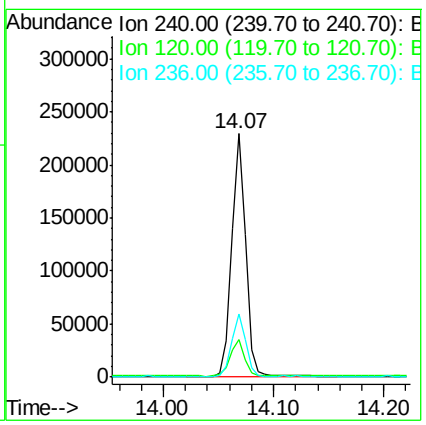


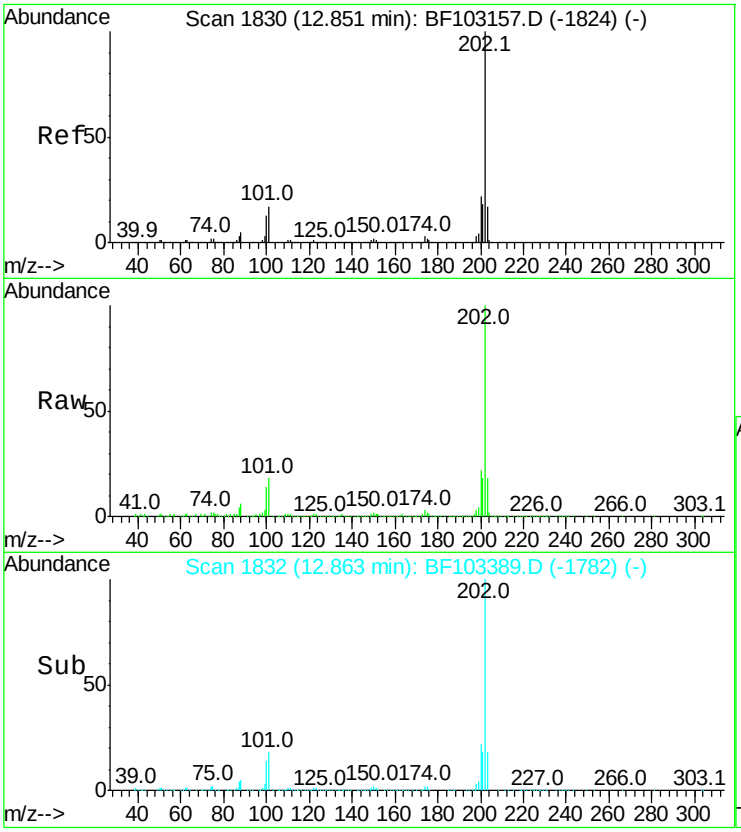


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:240 Resp: 205786

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.8	20.7	31.1



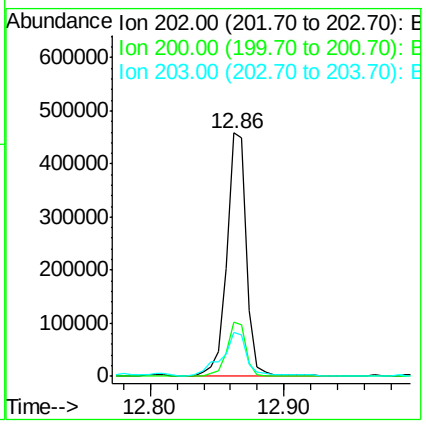


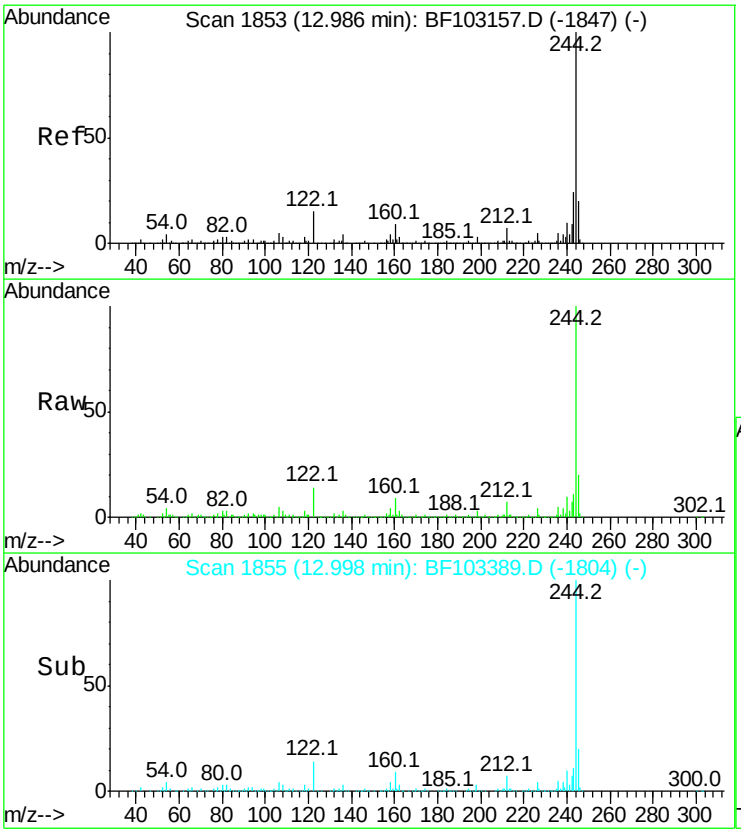
#77
Pyrene
Concen: 29.513 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:202 Resp: 473522

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.2	14.3	21.5

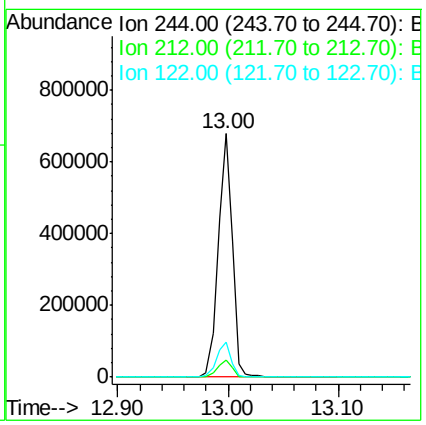


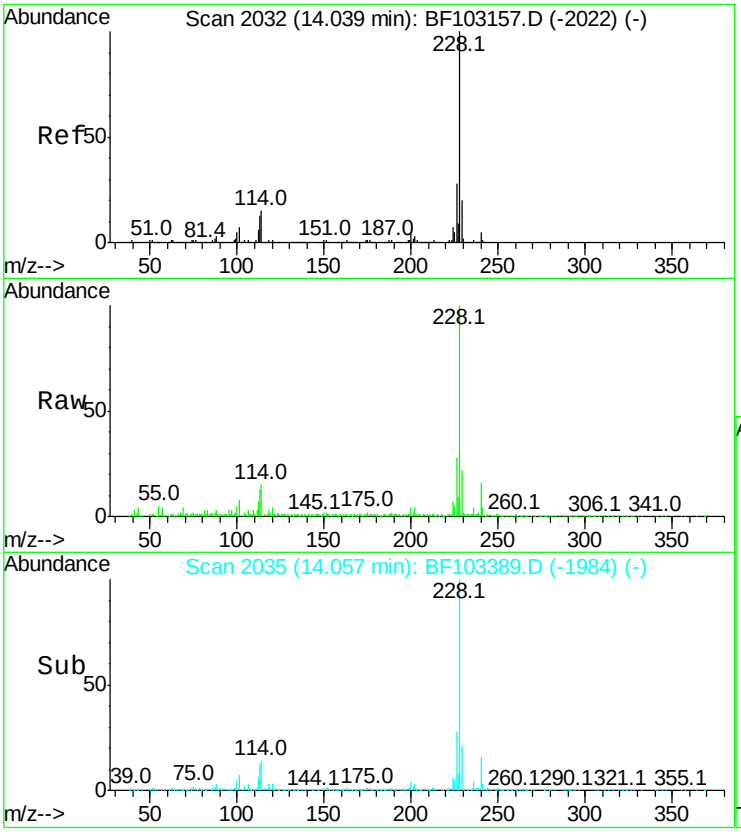


#78
Terphenyl-d14
Concen: 70.044 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:244 Resp: 599622

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	11.0	16.4



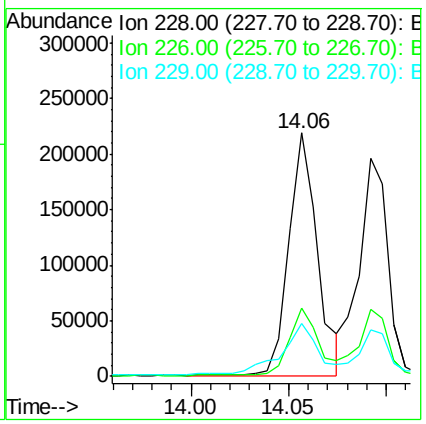


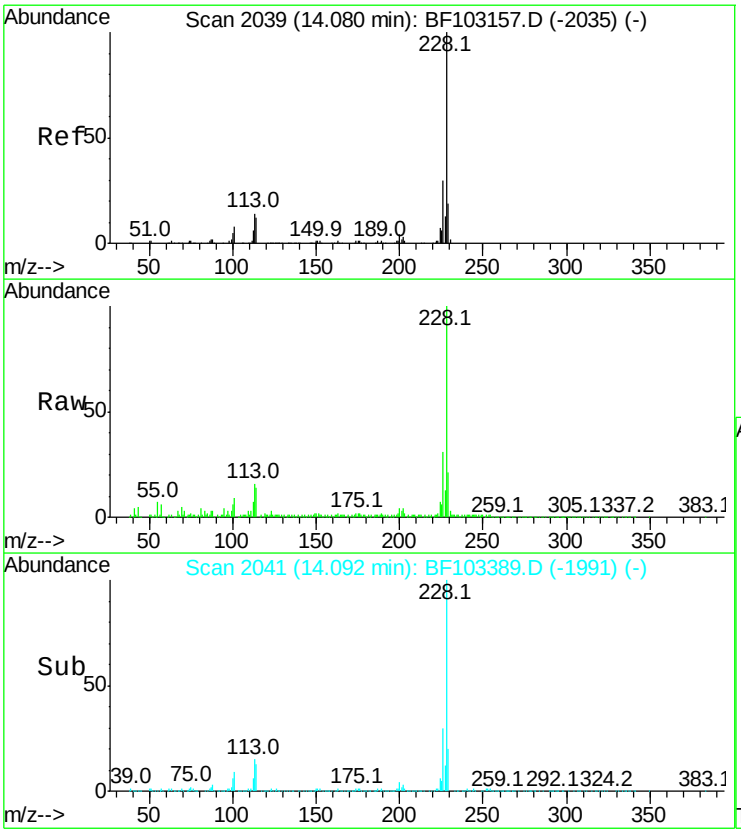
#80
Benzo(a)anthracene
Concen: 16.575 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:228 Resp: 221306

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.9	15.8	23.6

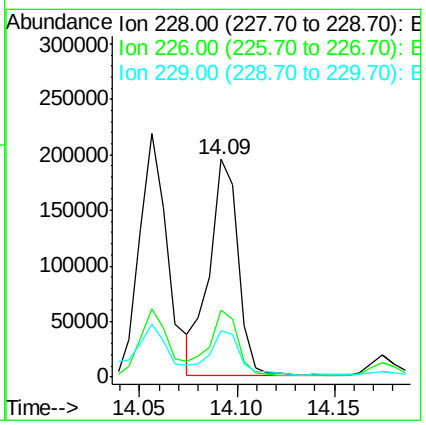


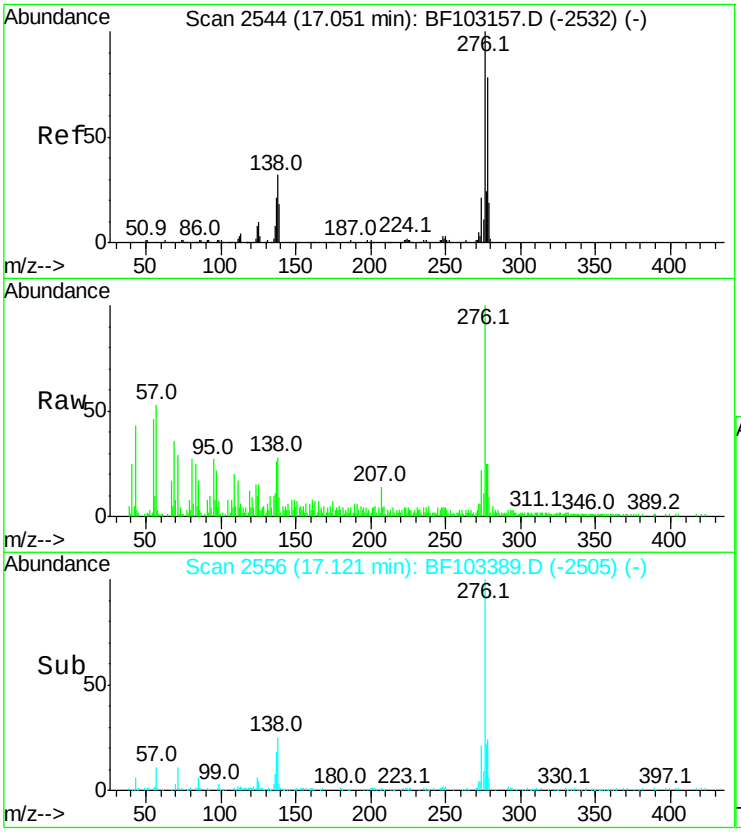


#82
Chrysene
Concen: 15.555 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:228 Resp: 201668

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.1	16.2	24.4



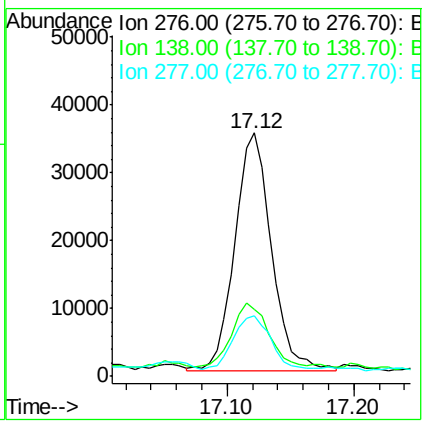


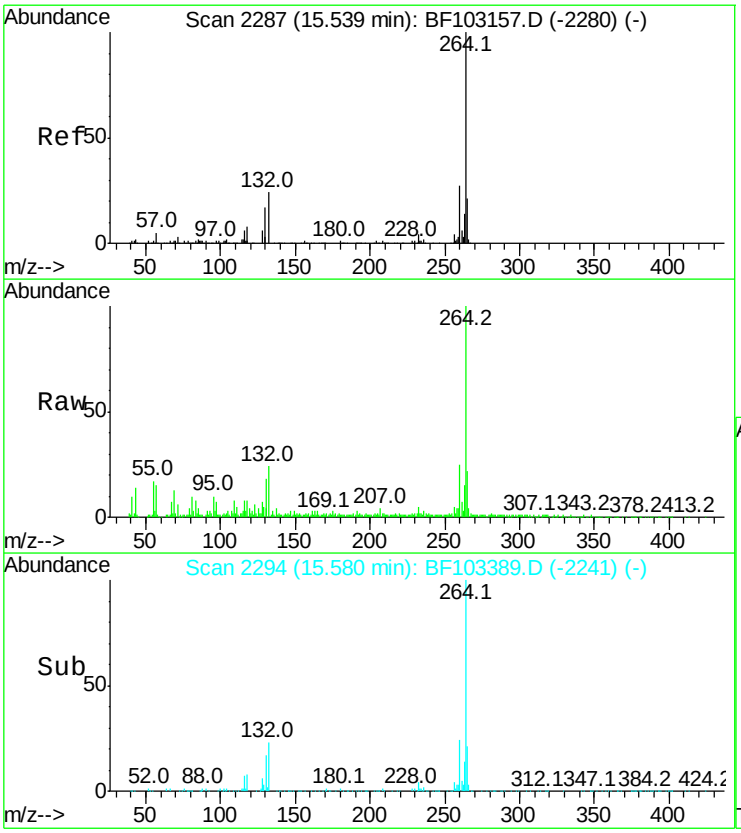
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.899 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:276 Resp: 70809

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	23.3	20.1	30.1

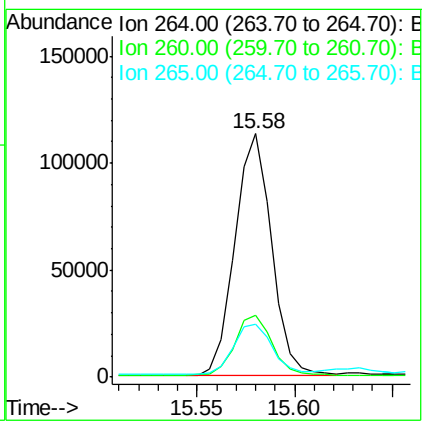


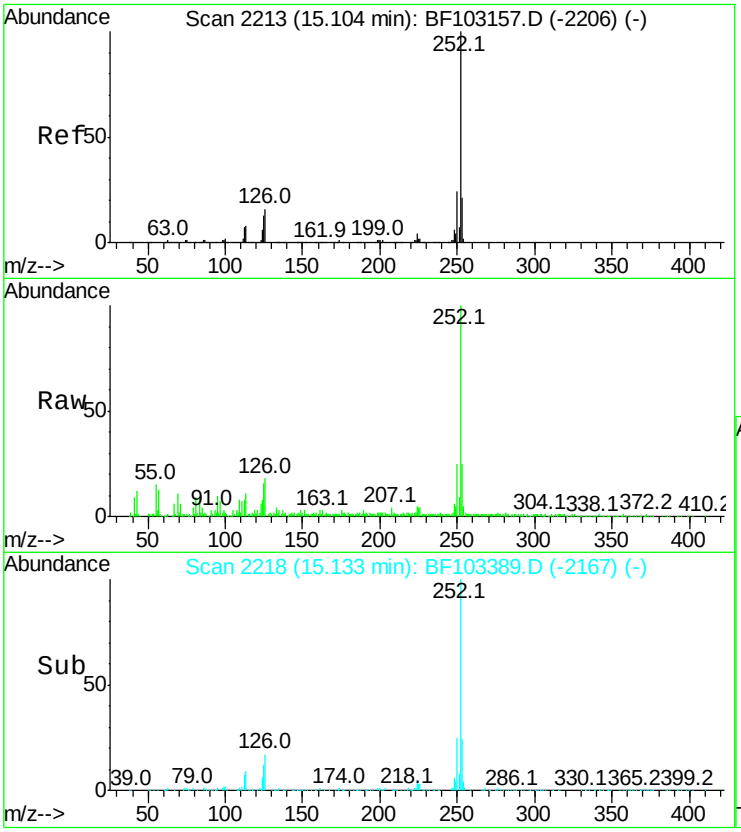


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:264 Resp: 148018

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.8	17.5	26.3



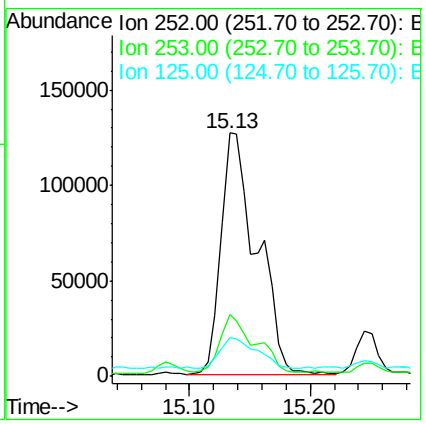


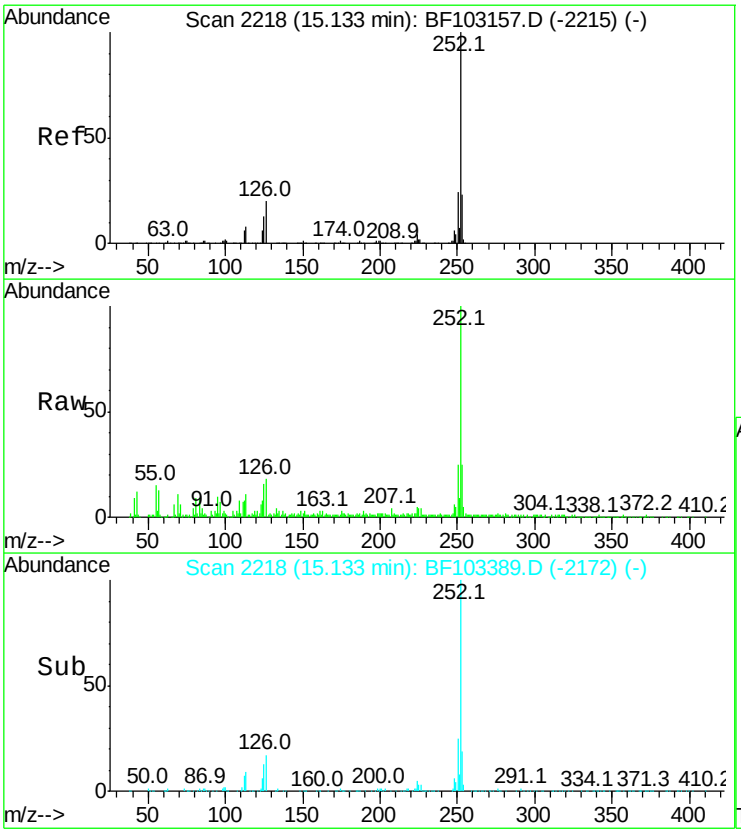
#87
Benzo(b)fluoranthene
Concen: 26.780 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:252 Resp: 260621

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	15.7	9.0	13.6#

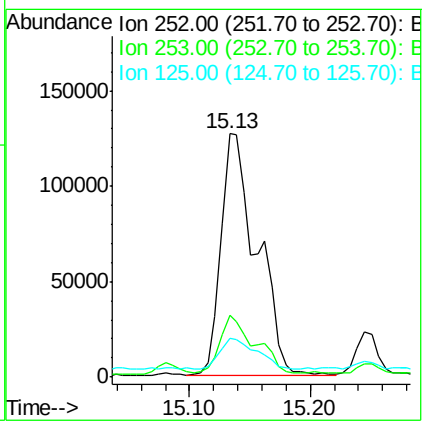


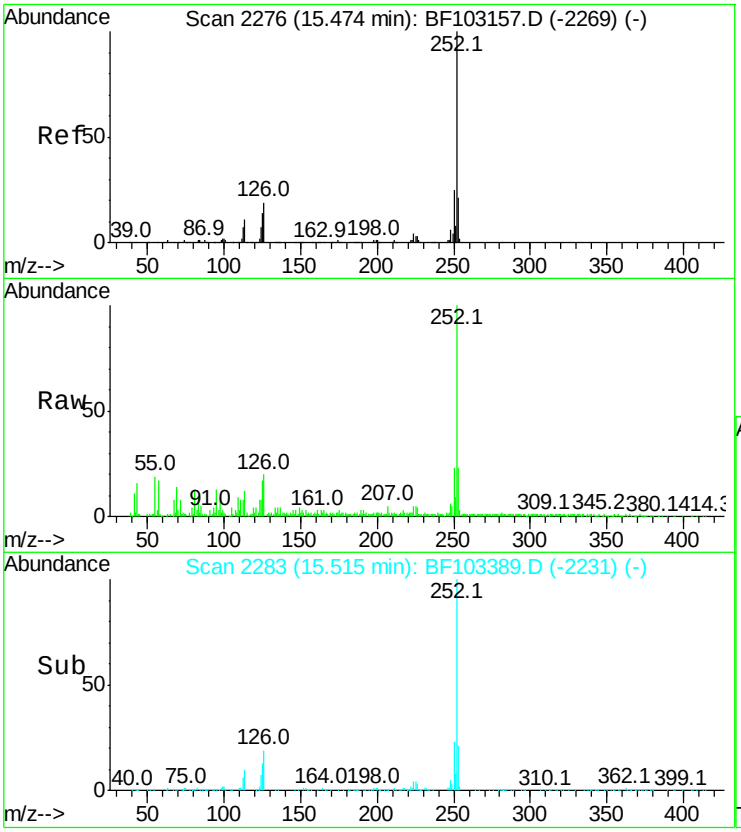


#88
Benzo(k)fluoranthene
Concen: 28.439 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:252 Resp: 260621

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.7	10.2	15.2#



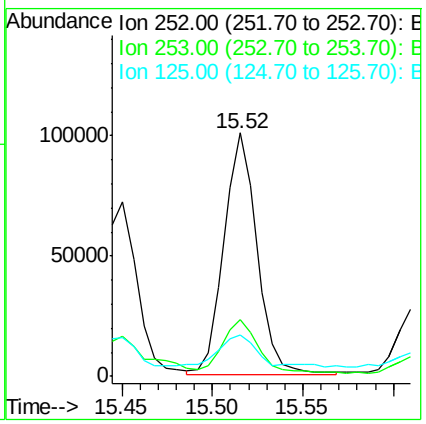


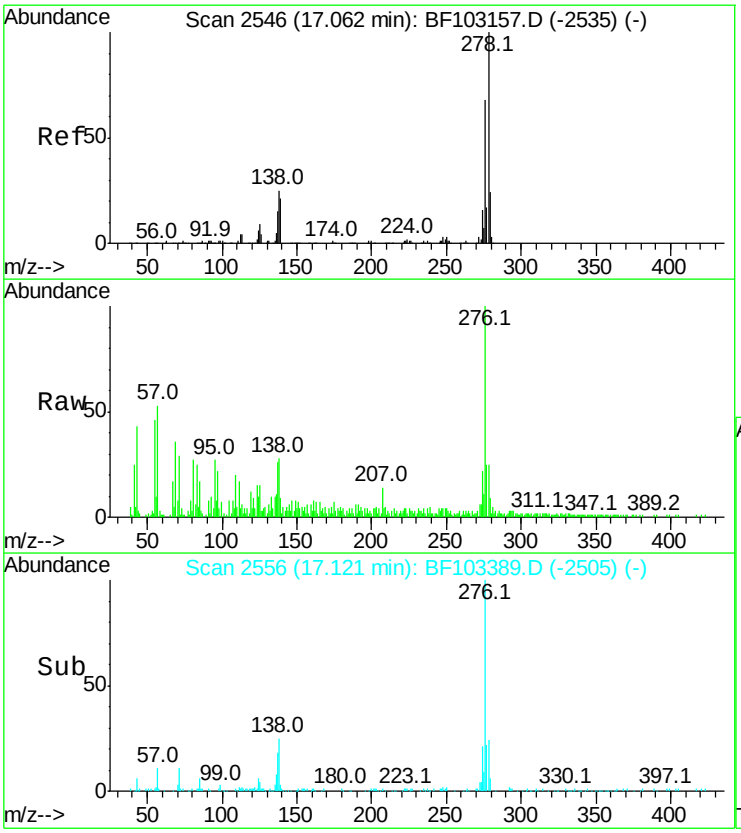
#89
Benzo(a)pyrene
Concen: 14.605 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:252 Resp: 126926

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	17.3	9.8	14.6#

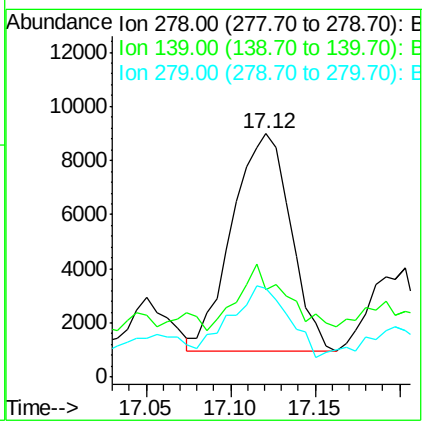


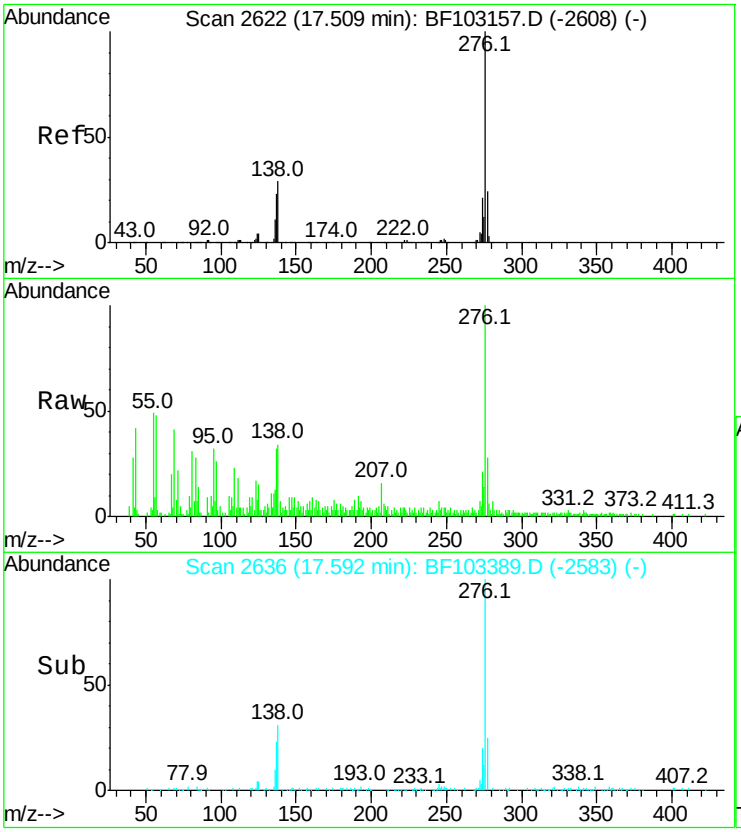


#90
Dibenzo(a,h)anthracene
Concen: 2.866 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Tgt Ion:278 Resp: 19248

Ion	Ratio	Lower	Upper
278	100		
139	35.8	15.9	23.9#
279	36.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.053 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.01 min
Lab File: BF103389.D
Acq: 3 Mar 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SP-19

Tgt Ion:276 Resp: 65979

Ion	Ratio	Lower	Upper
276	100		
277	27.6	17.9	26.9#
138	34.3	21.8	32.8#