Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103422.D
Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 05 23:55:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139371	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	563459	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	229834	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	342898	20.00	ng		0.00
75) Chrysene-d12	14.07	240	210897	20.00	ng		0.00
86) Perylene-d12	15.59	264	159800	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1034463	112.26	ng		0.00
7) Phenol-d6	6.52	99	1222945	108.46	ng		0.00
23) Nitrobenzene-d5	7.44	82	752016	76.22	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	159978	82.23	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1010338	73.25	ng		0.00
78) Terphenyl-d14	13.00	244	675942	77.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	1539	Below Cal		#	1
10) Phenol	6.53	94	50475	3.856	ng	#	68
19) n-Nitroso-di-n-propylamine	7.44	70	102592	14.619	ng	#	85
32) Benzoic acid	7.97	122	367	6.968	ng	#	77
49) Dimethylphthalate	9.62	163	90907	4.931	ng		99
64) 4,6-Dinitro-2-methylphenol	10.72	198	357	5.099	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	11545	3.232	ng	#	1
70) Phenanthrene	11.43	178	292692	15.510	ng		99
71) Anthracene	11.49	178	82766	4.277	ng		99
74) Fluoranthene	12.63	202	450387	23.751	ng		100
77) Pyrene	12.86	202	450112	27.374	ng		99
80) Benzo(a)anthracene	14.06	228	200607	14.660	ng		99
82) Chrysene	14.10	228	189946	14.296	ng		97
85) Indeno(1,2,3-cd)pyrene	17.14	276	66853	6.356	ng		97
87) Benzo(b)fluoranthene	15.14	252	257495	24.508	ng	#	90
88) Benzo(k)fluoranthene	15.14	252	257495	26.026	ng	#	92
89) Benzo(a)pyrene	15.53	252	127762	13.617	ng	#	89
90) Dibenzo(a,h)anthracene	17.14	278	18696	2.579	ng	#	57
91) Benzo(g,h,i)perylene	17.62	276	64839	9.151	ng	#	92

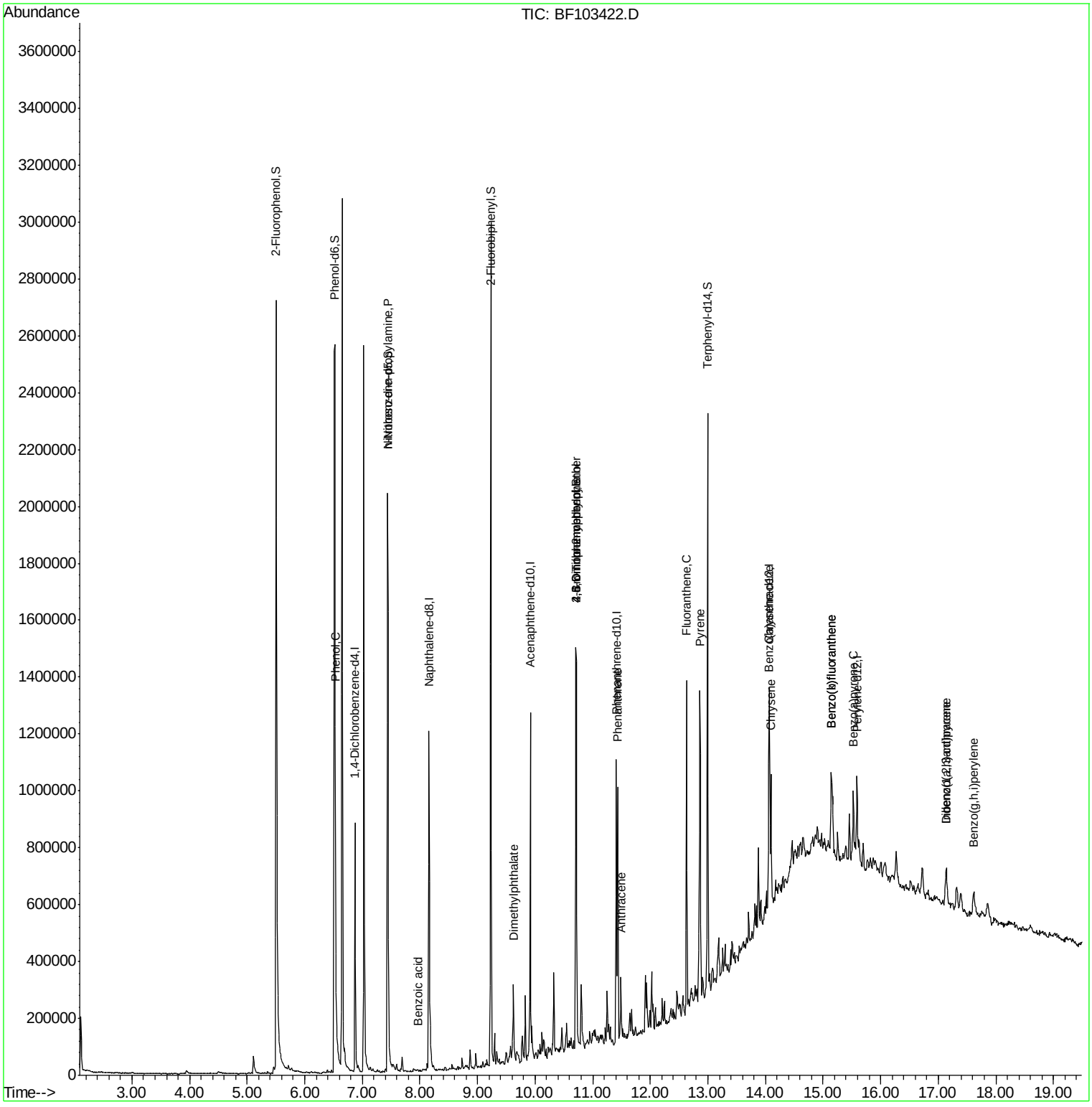
(#) = qualifier out of range (m) = manual integration (+) = signals summed

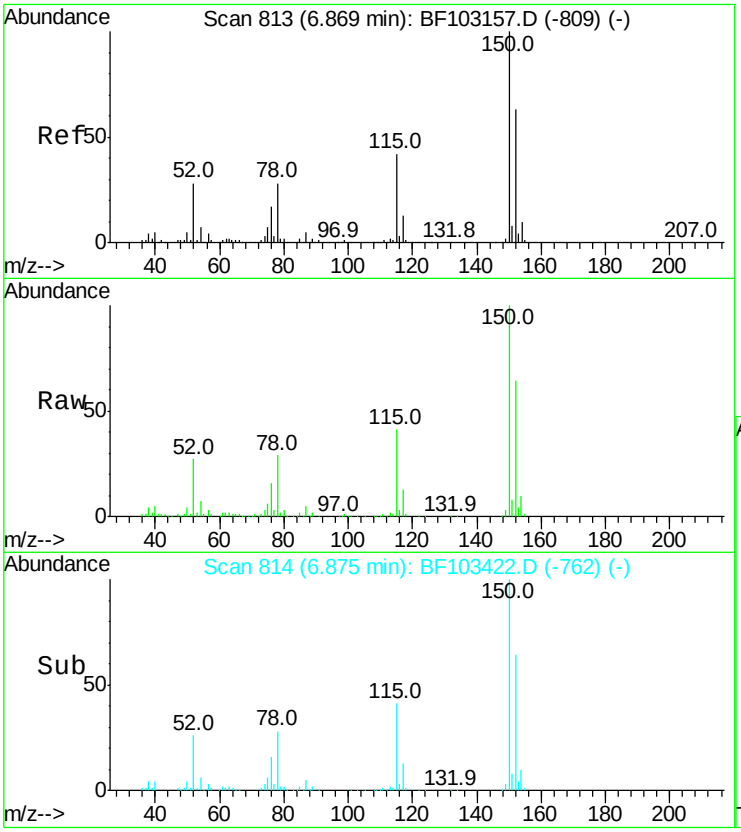
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103422.D
Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 23:55:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



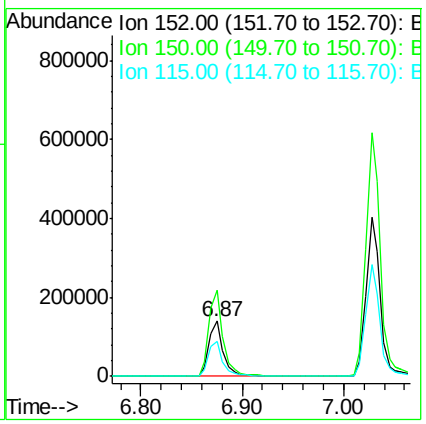


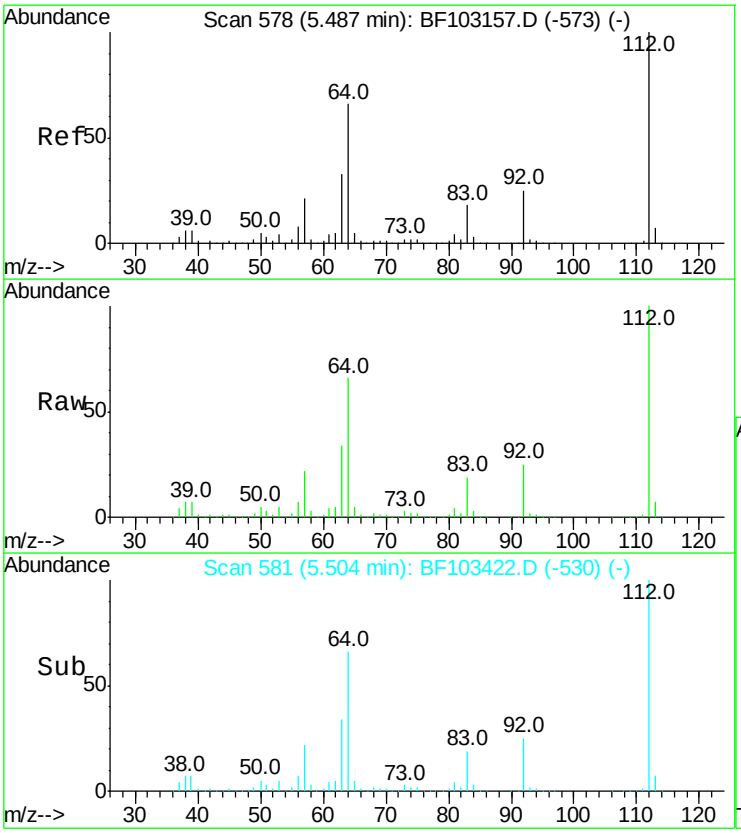
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139371

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.3	50.1	75.1

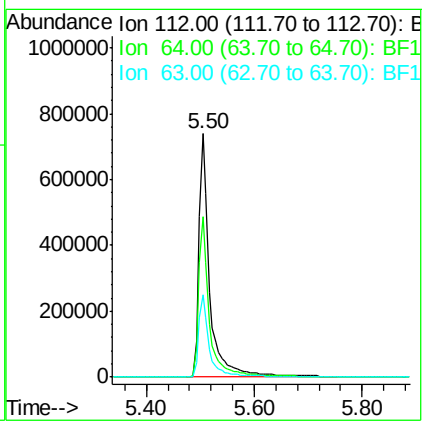


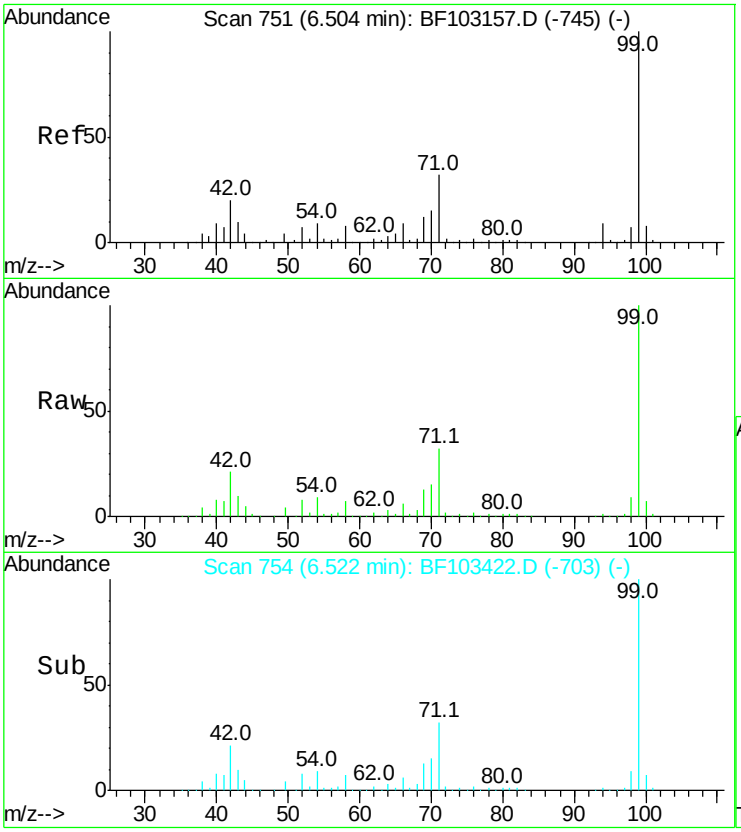


#5
2-Fluorophenol
Concen: 112.258 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:112 Resp: 1034463

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.1	23.7	35.5



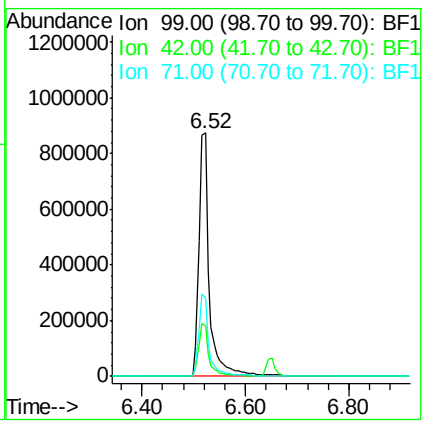


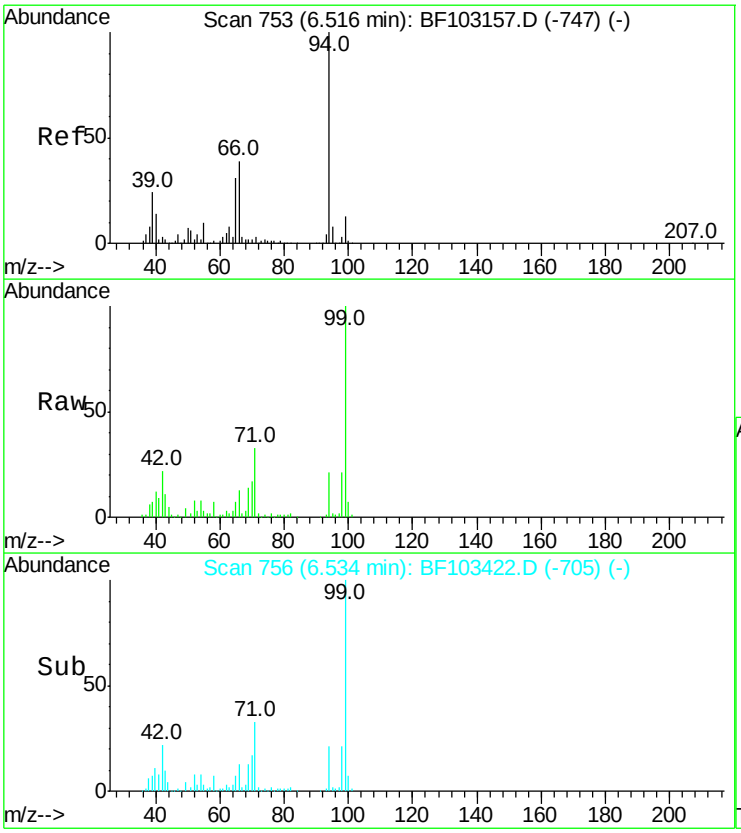
#7
Phenol-d6
Concen: 108.456 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1222945

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.2	25.4	38.0

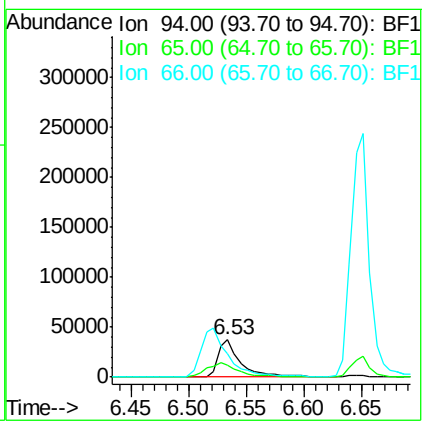


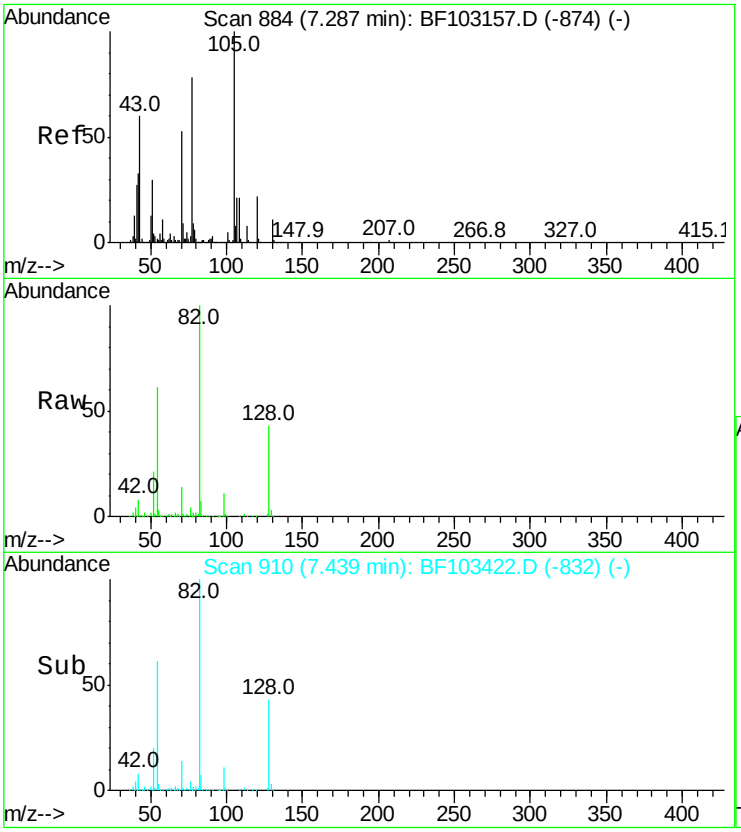


#10
Phenol
Concen: 3.856 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion: 94 Resp: 50475

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	64.3	16.2	56.2#



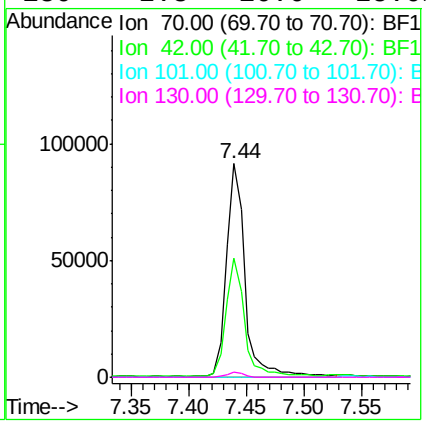


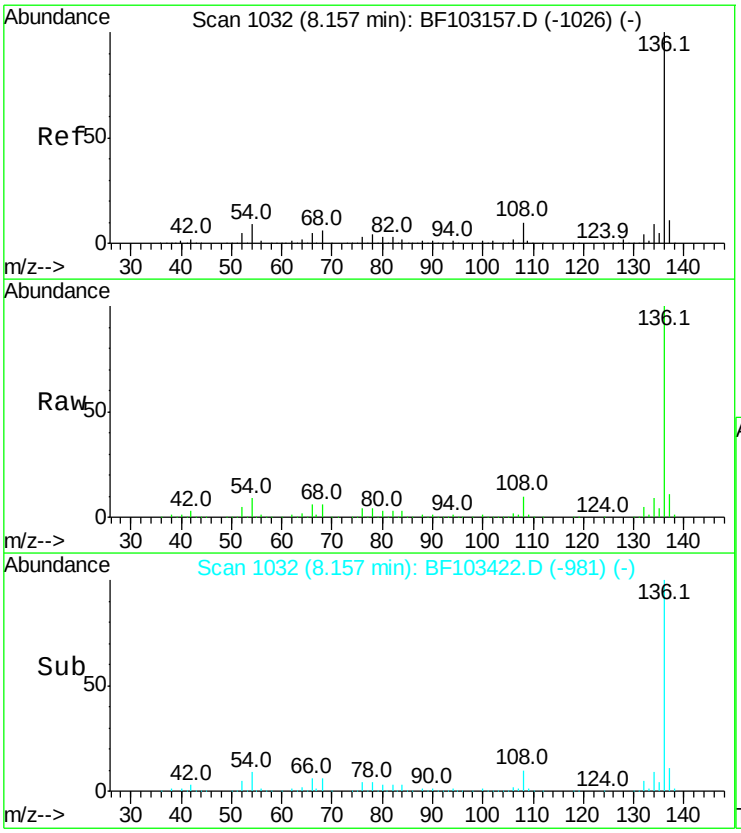
#19
n-Nitroso-di-n-propylamine
Concen: 14.619 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 102592

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

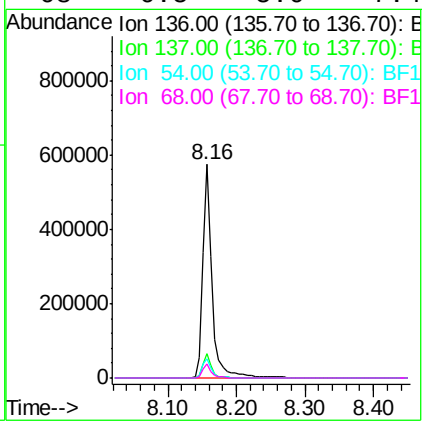


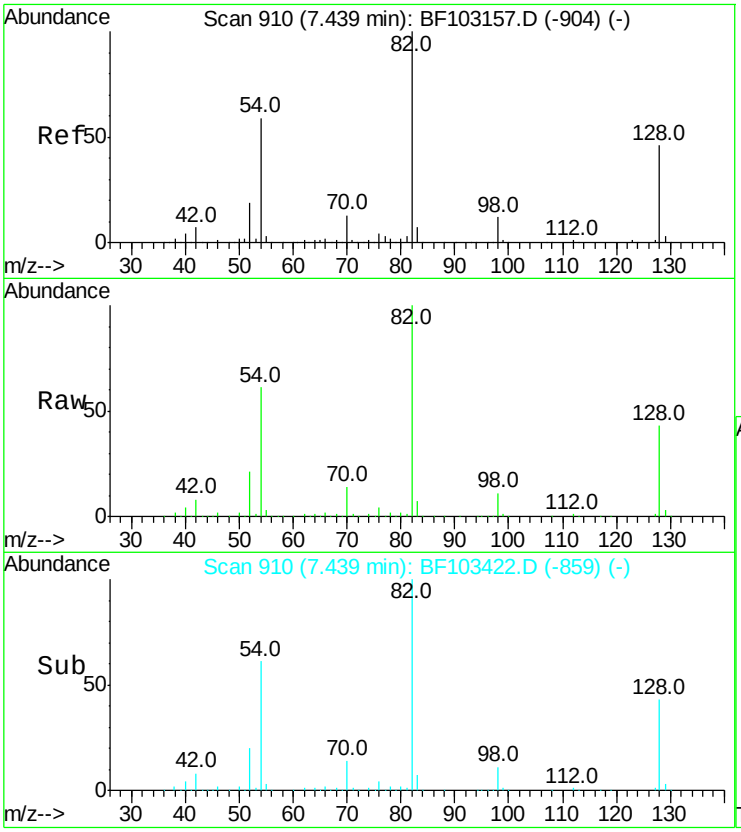


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:136 Resp: 563459

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4



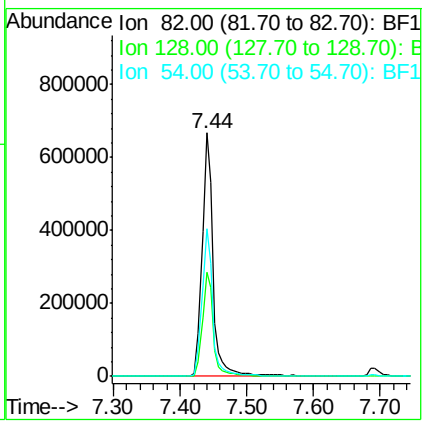


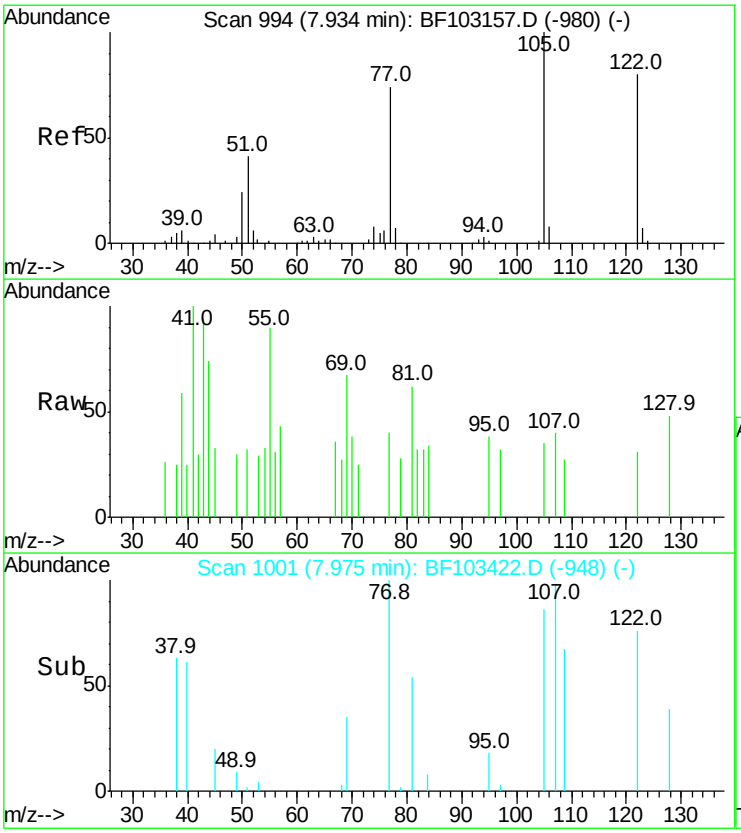
#23
Nitrobenzene-d5
Concen: 76.219 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 752016

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	60.8	41.4	62.2

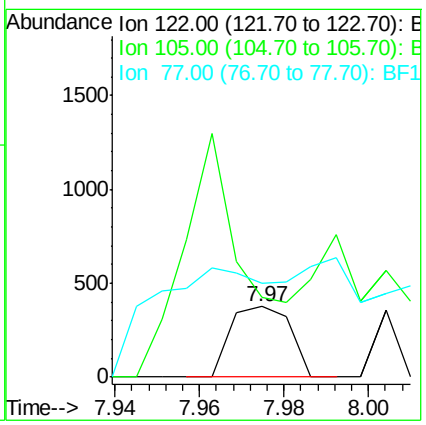


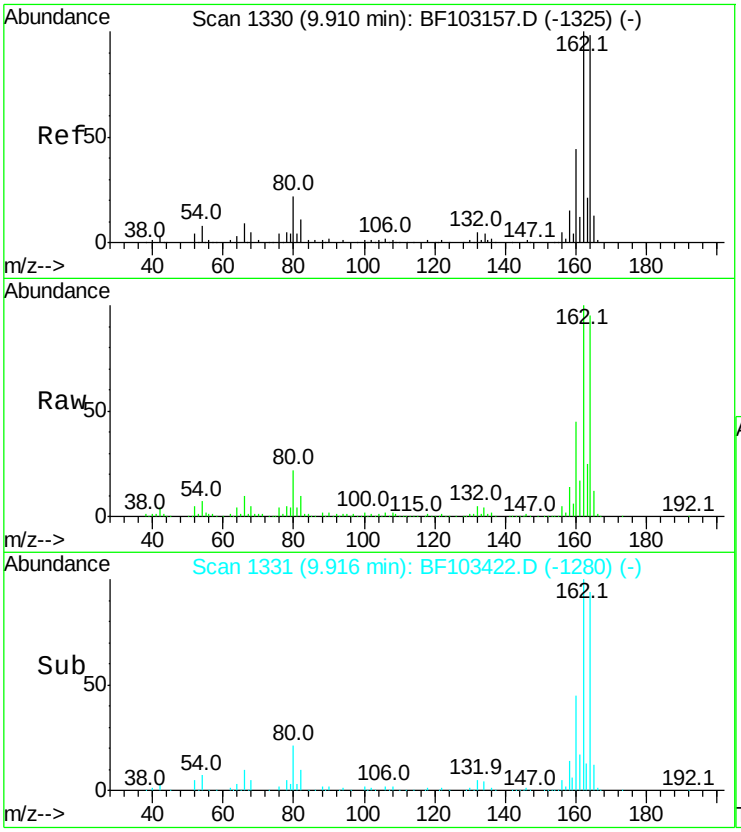


#32
Benzoic acid
Concen: 6.968 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:122 Resp: 367

Ion	Ratio	Lower	Upper
122	100		
105	113.6	101.1	141.1
77	132.4	70.7	110.7#



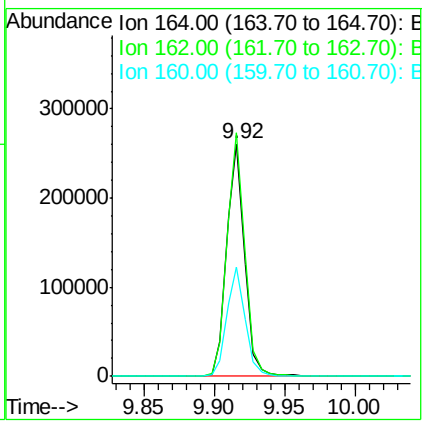


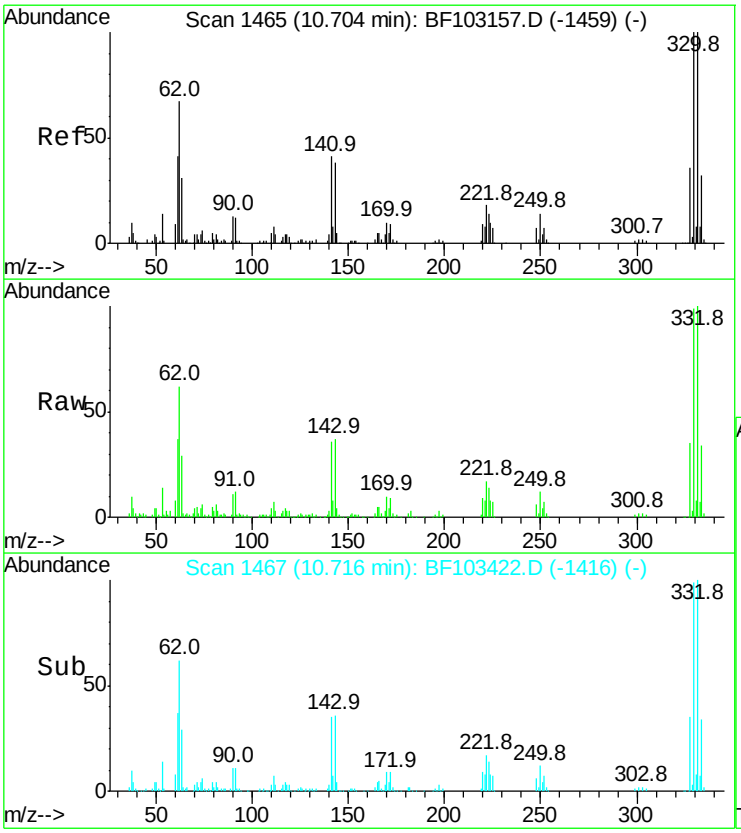
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 229834

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.1	38.3	57.5

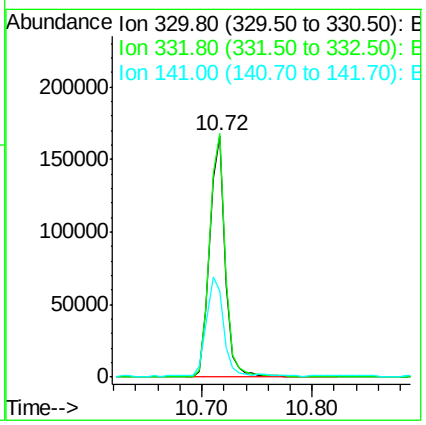


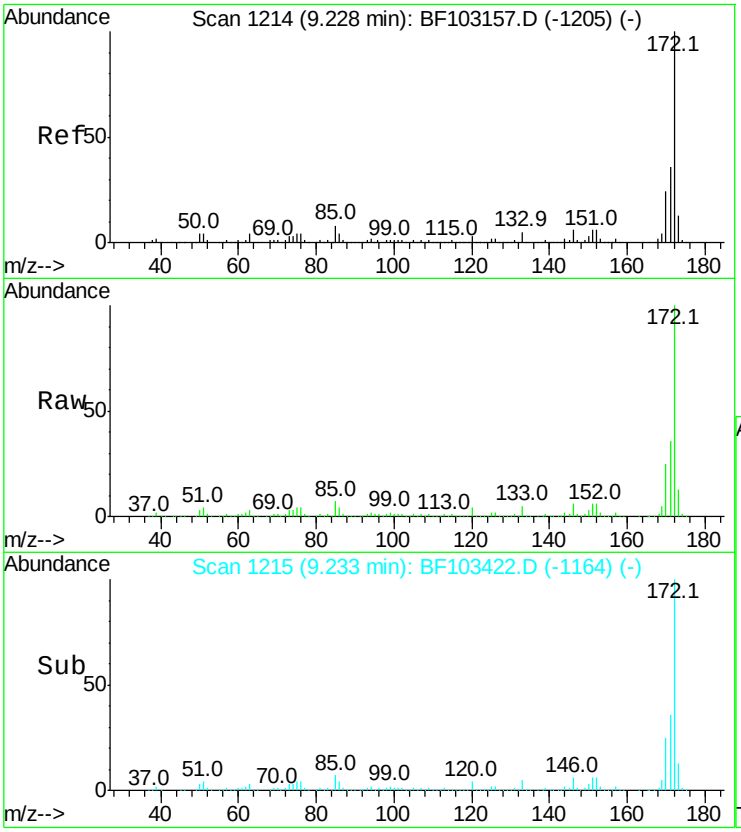


#41
2,4,6-Tribromophenol
Concen: 82.233 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:330 Resp: 159978

Ion	Ratio	Lower	Upper
330	100		
332	102.4	77.0	115.6
141	45.8	29.9	44.9#



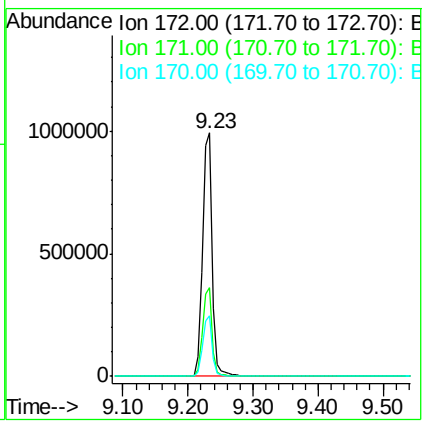


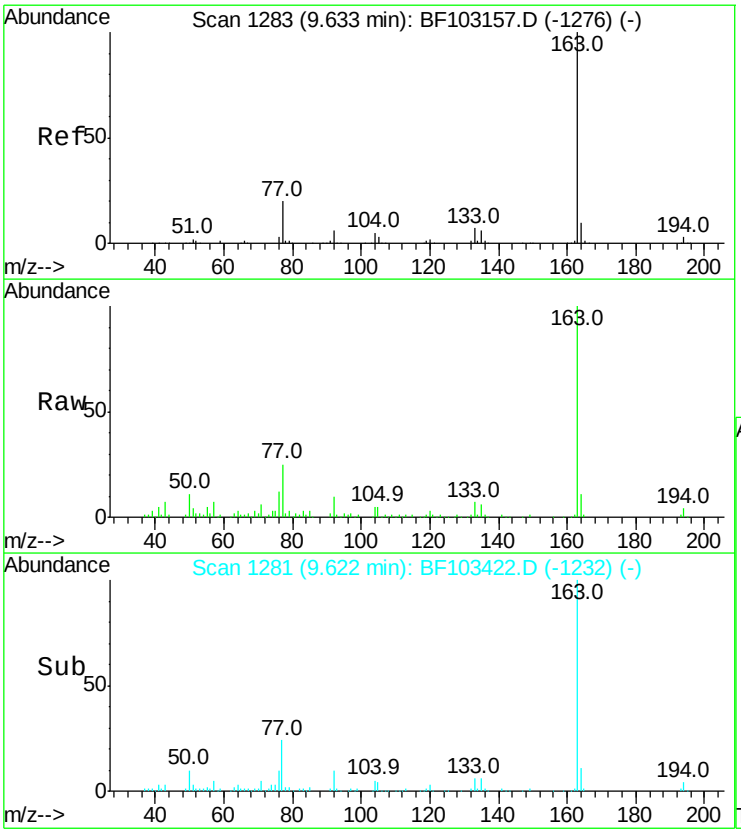
#44
2-Fluorobiphenyl
Concen: 73.255 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1010338

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

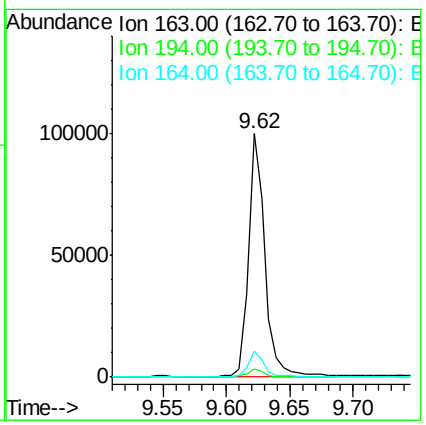


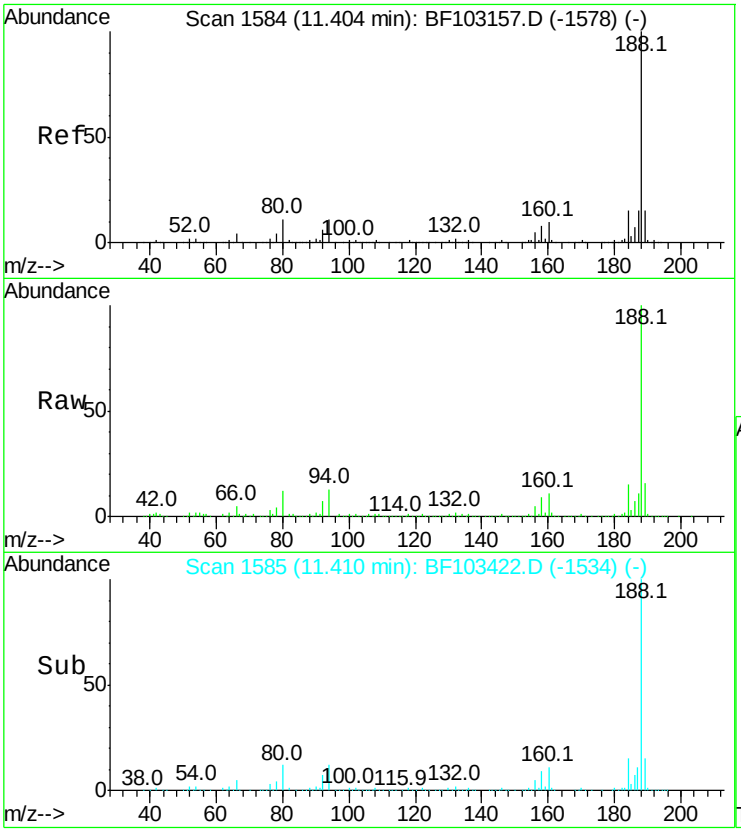


#49
Dimethylphthalate
Concen: 4.931 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:163 Resp: 90907

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.7	8.2	12.2



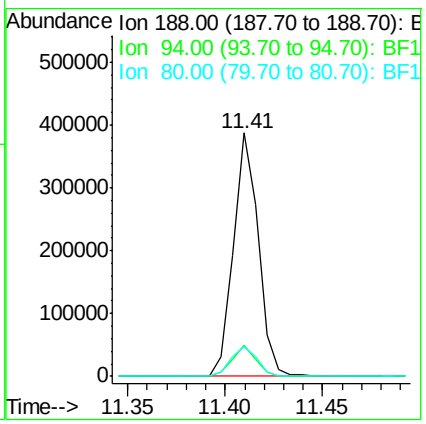


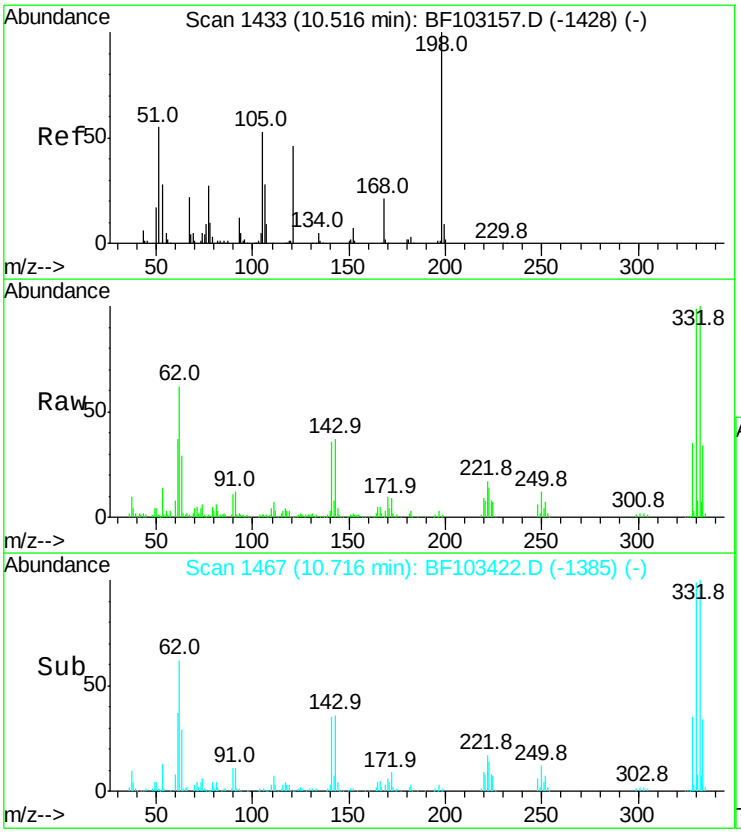
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 342898

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	12.1	9.2	13.8

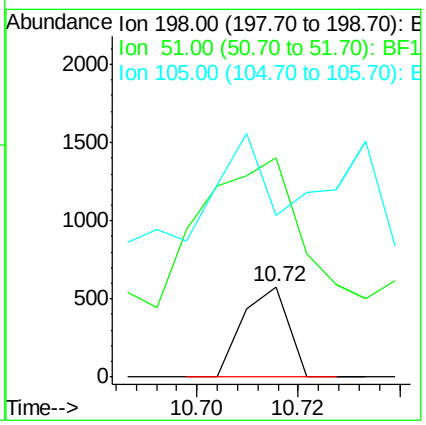


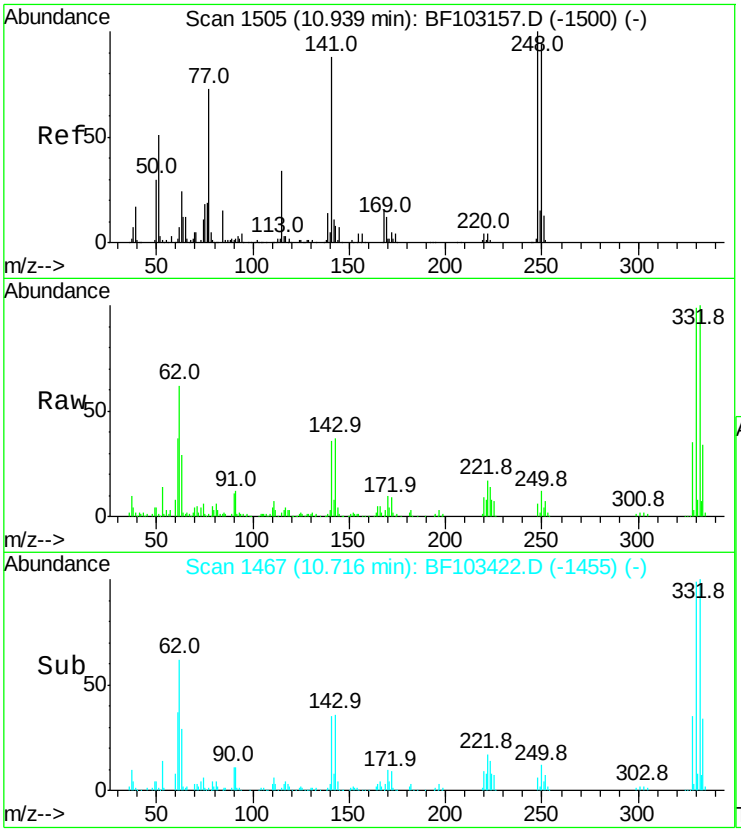


#64
4,6-Dinitro-2-methylphenol
Concen: 5.099 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:198 Resp: 357

Ion	Ratio	Lower	Upper
198	100		
51	243.4	37.7	77.7#
105	179.7	36.3	76.3#



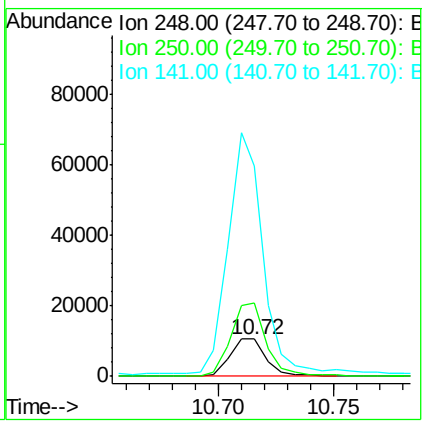


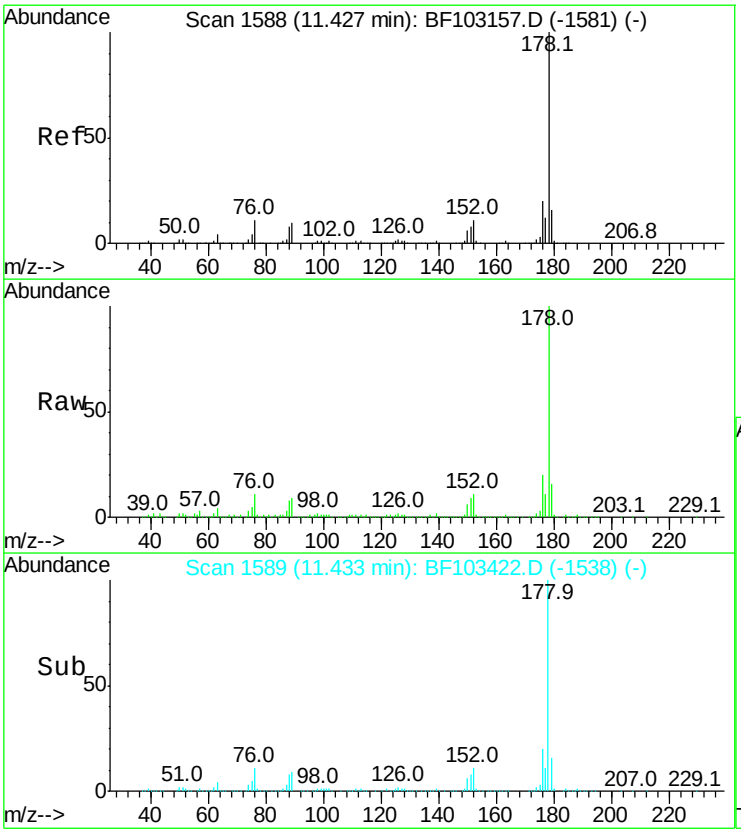
#66
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11545

Ion	Ratio	Lower	Upper
248	100		
250	197.0	76.9	115.3#
141	562.5	74.4	111.6#

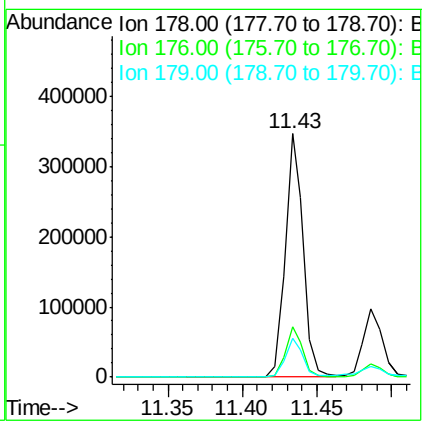


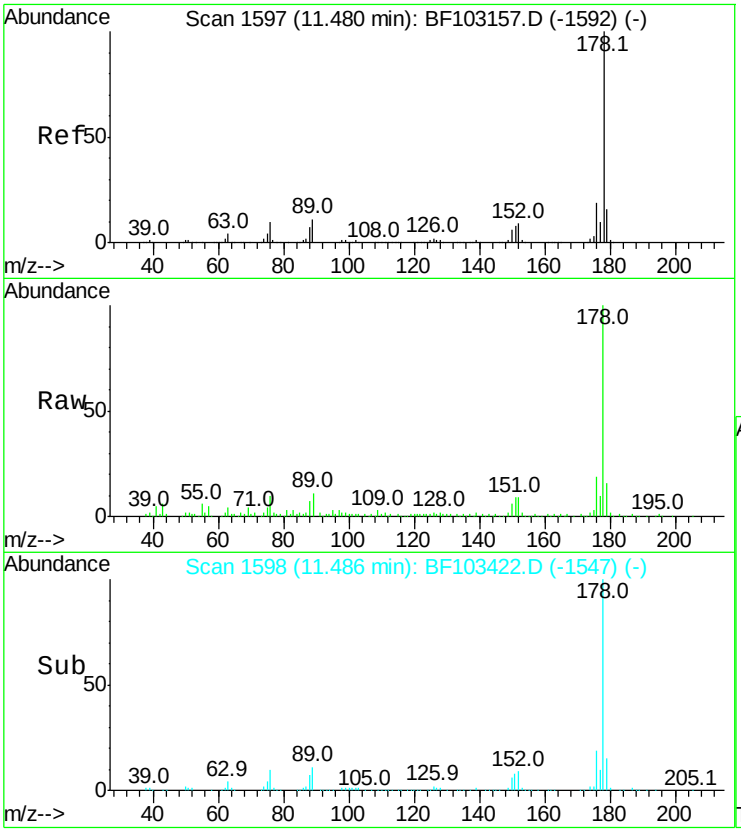


#70
Phenanthrene
Concen: 15.510 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:178 Resp: 292692

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.9	13.0	19.6



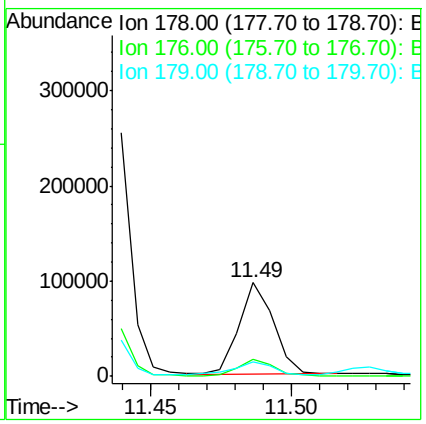


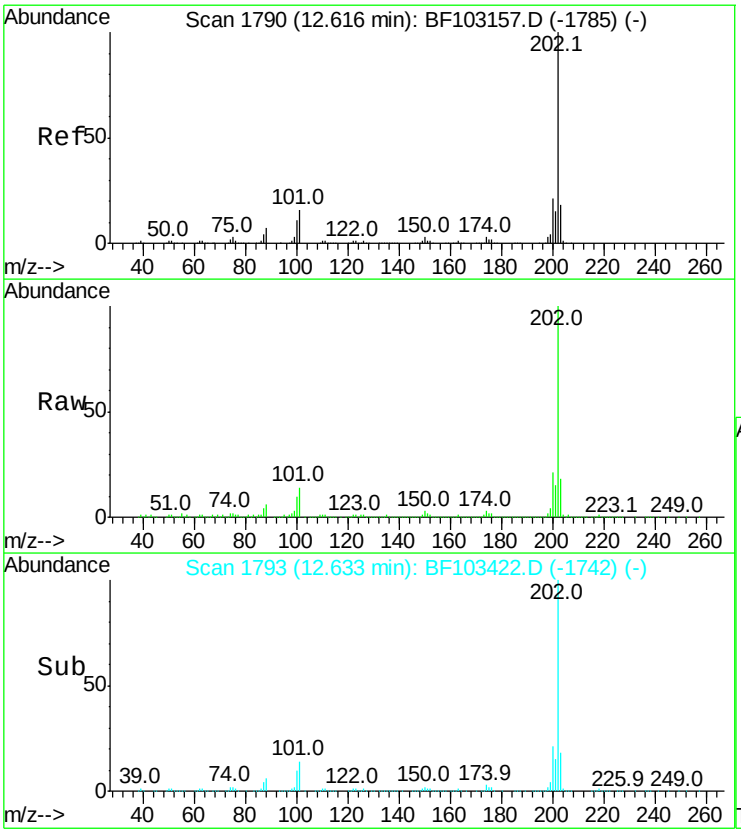
#71
Anthracene
Concen: 4.277 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 82766

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.8	12.6	19.0

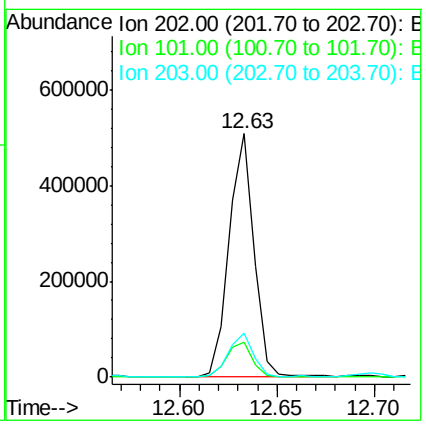


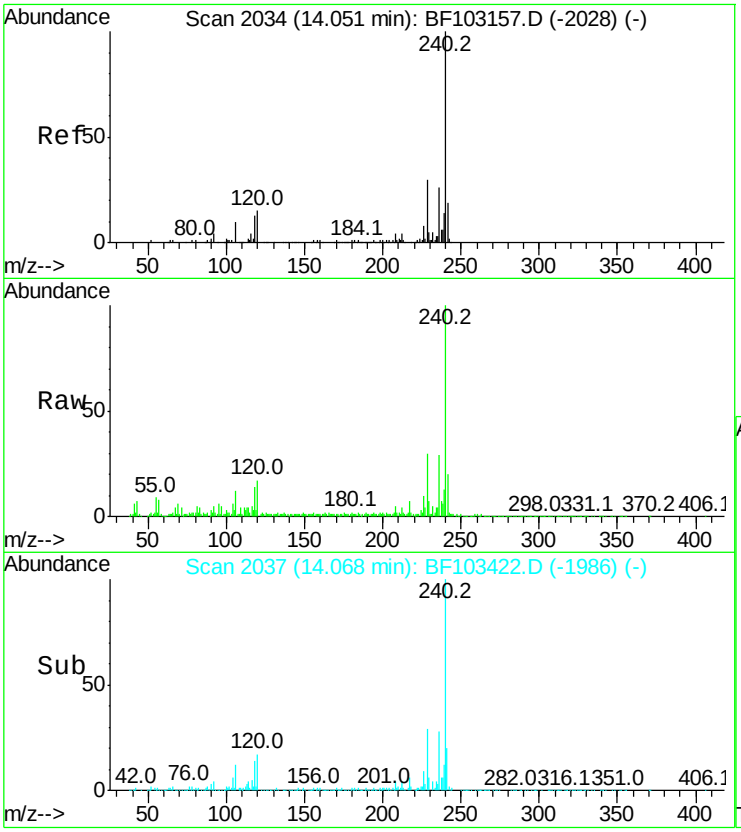


#74
Fluoranthene
Concen: 23.751 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:202 Resp: 450387

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.9	0.0	38.1



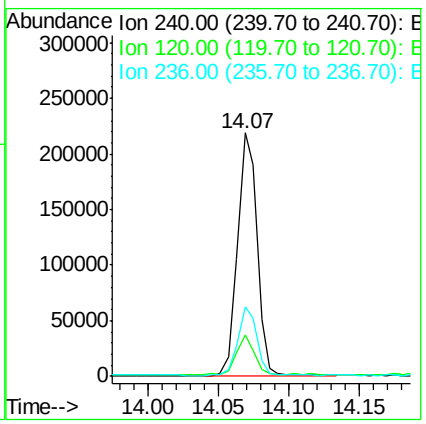


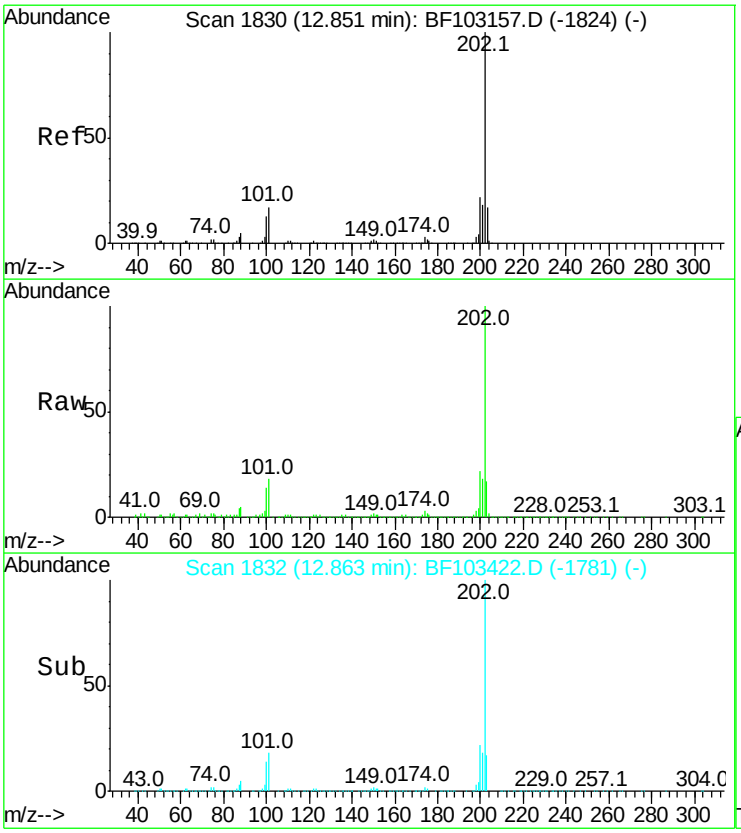
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 210897

Ion	Ratio	Lower	Upper
240	100		
120	17.2	9.5	14.3#
236	28.7	20.7	31.1

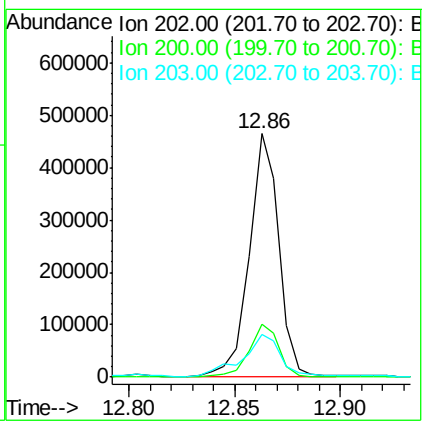


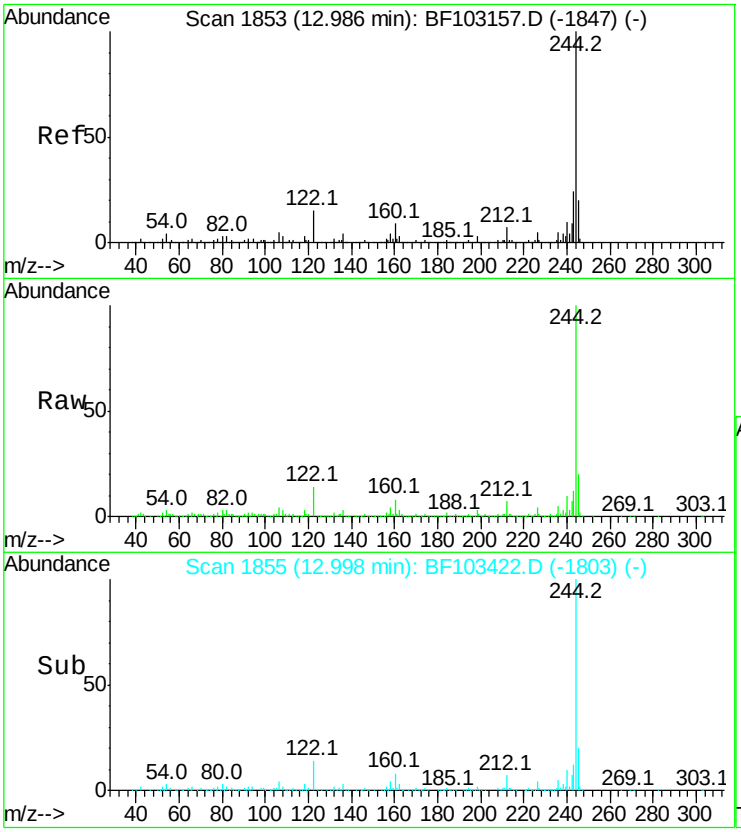


#77
Pyrene
Concen: 27.374 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:202 Resp: 450112

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5



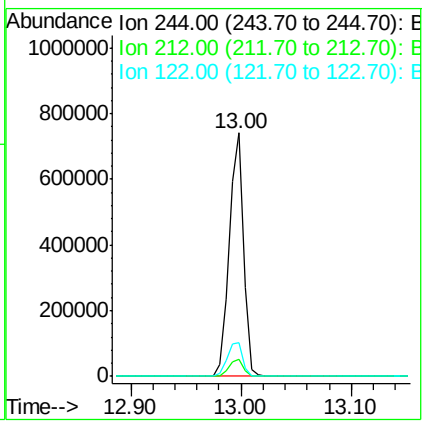


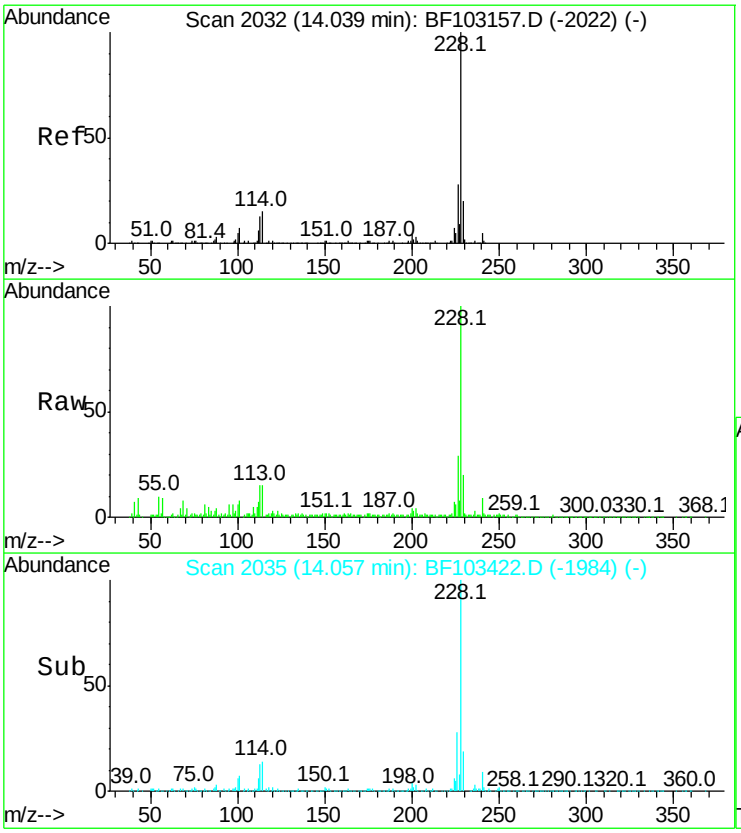
#78
Terphenyl-d14
Concen: 77.046 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 675942

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.7	11.0	16.4

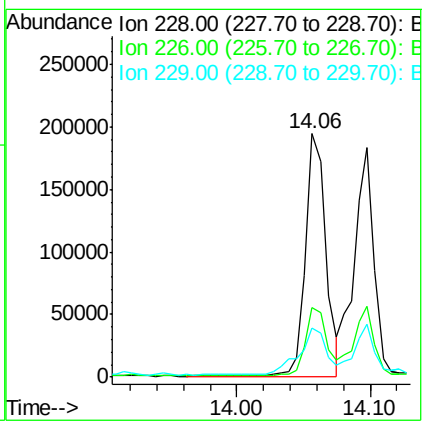


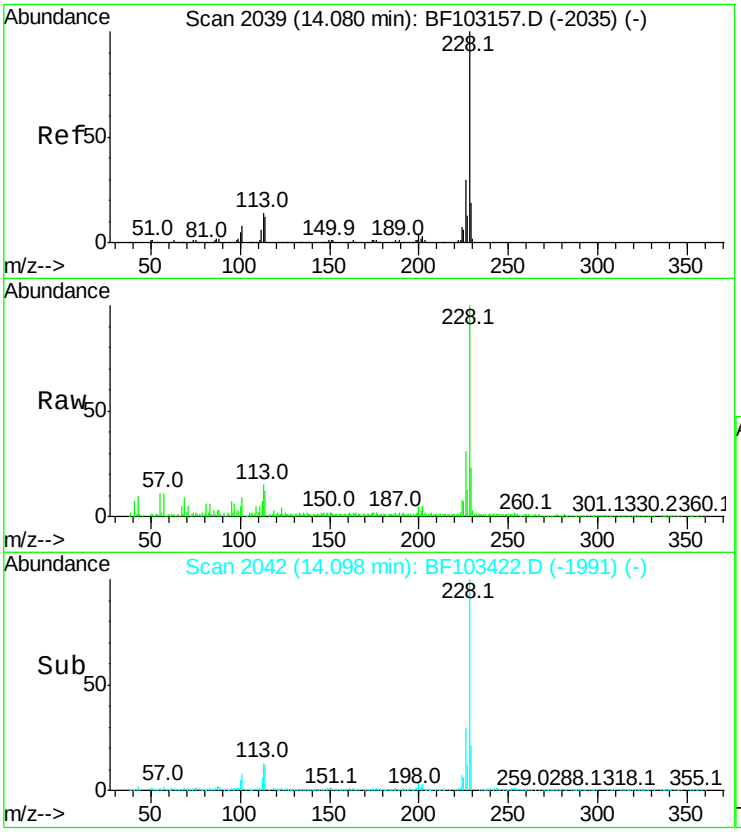


#80
Benzo(a)anthracene
Concen: 14.660 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:228 Resp: 200607

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.3	15.8	23.6



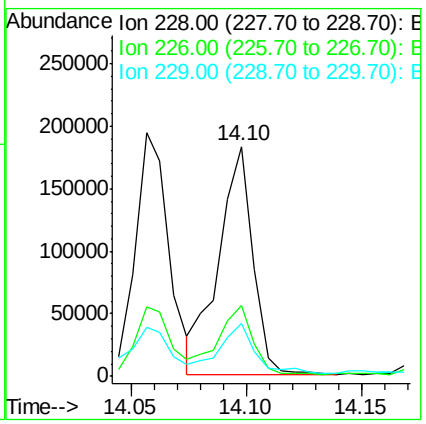


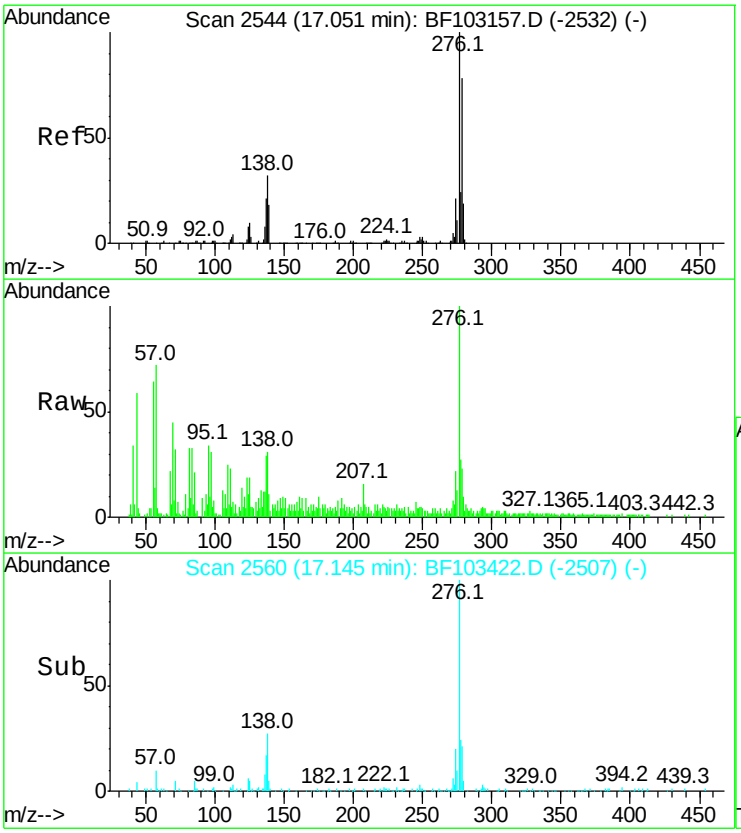
#82
Chrysene
Concen: 14.296 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 189946

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4

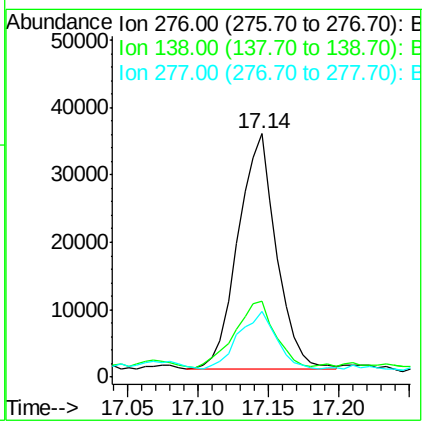


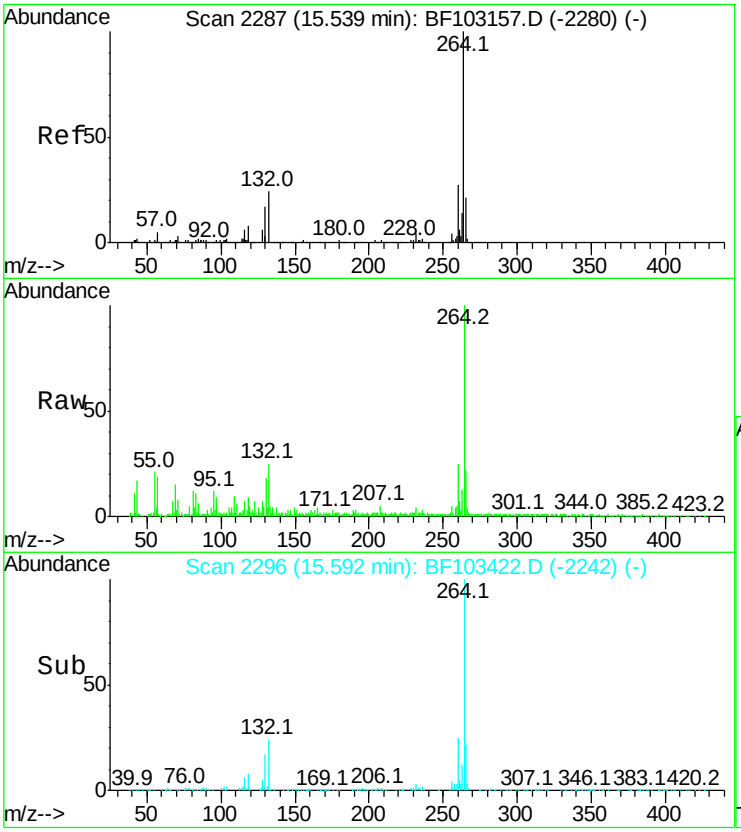


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.356 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:276 Resp: 66853

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	24.6	20.1	30.1



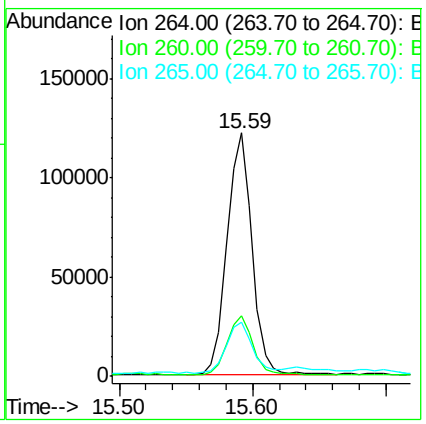


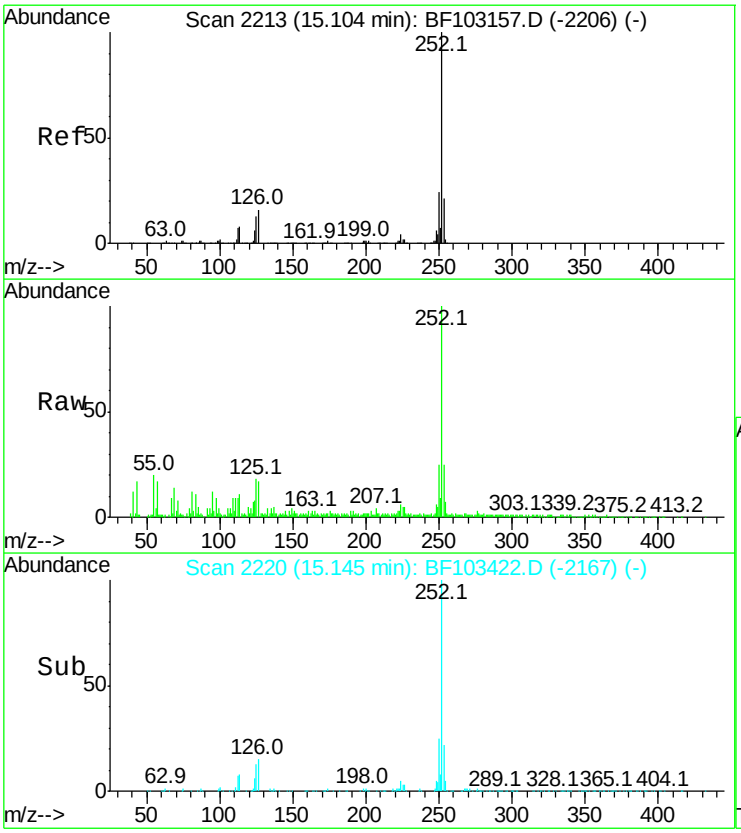
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.02 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 159800

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.5	26.3

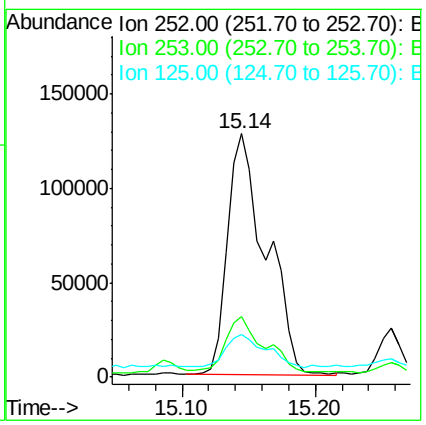


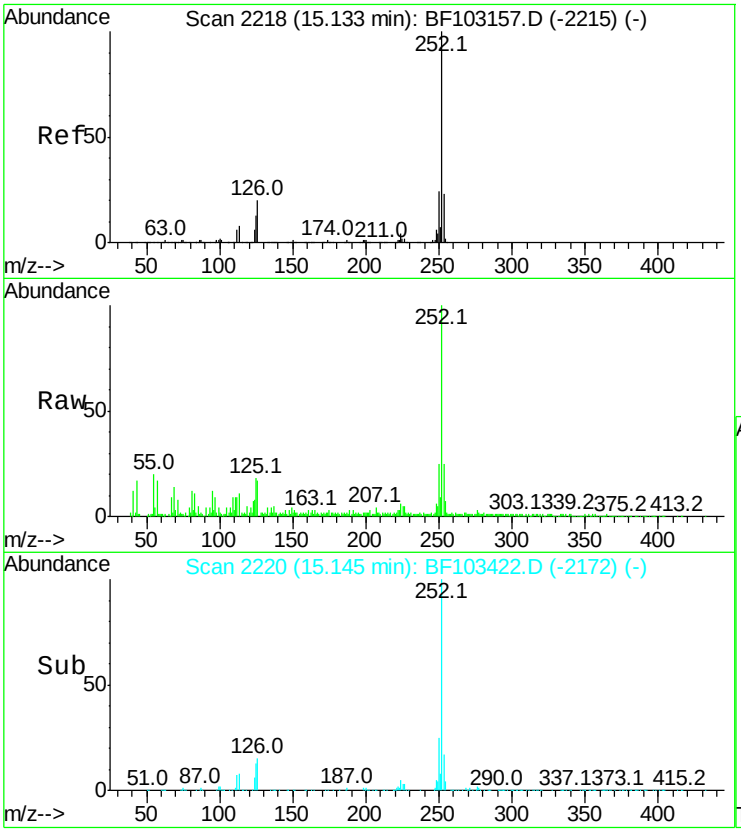


#87
Benzo(b)fluoranthene
Concen: 24.508 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:252 Resp: 257495

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	17.7	9.0	13.6#



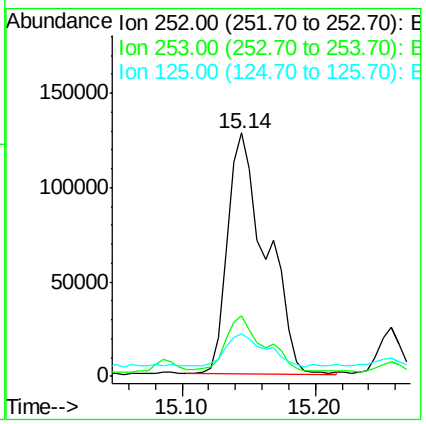


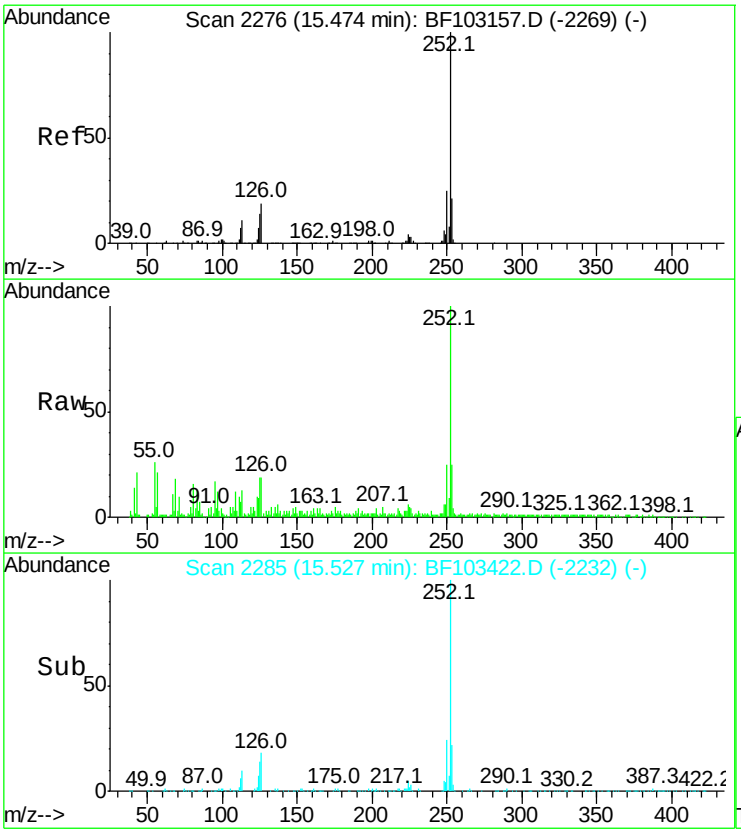
#88
Benzo(k)fluoranthene
Concen: 26.026 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 257495

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	17.7	10.2	15.2#

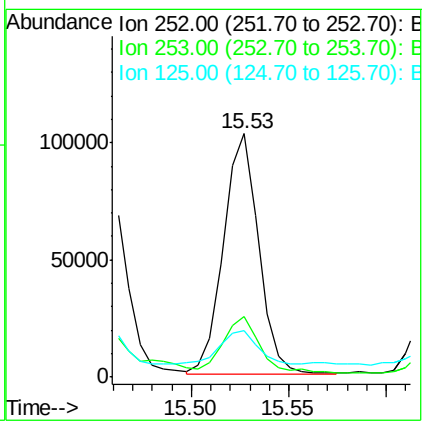


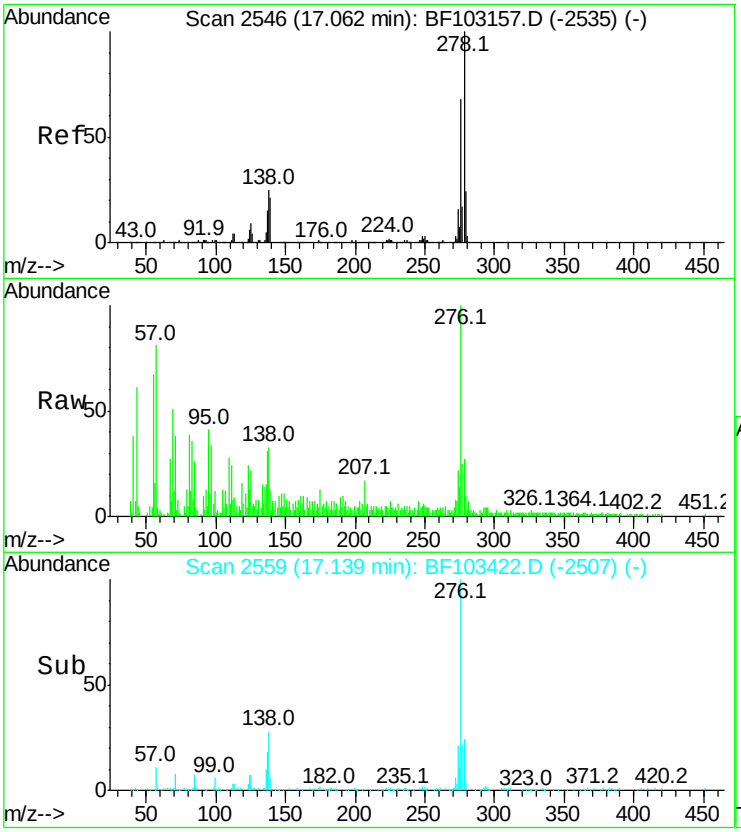


#89
Benzo(a)pyrene
Concen: 13.617 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:252 Resp: 127762

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	19.3	9.8	14.6#



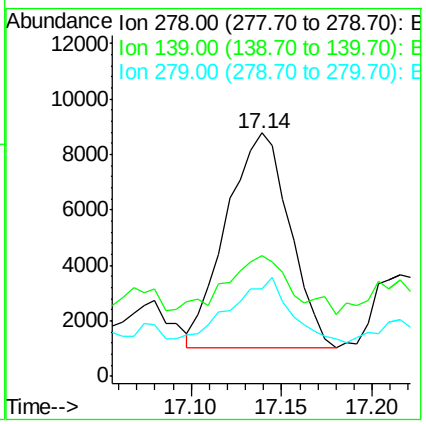


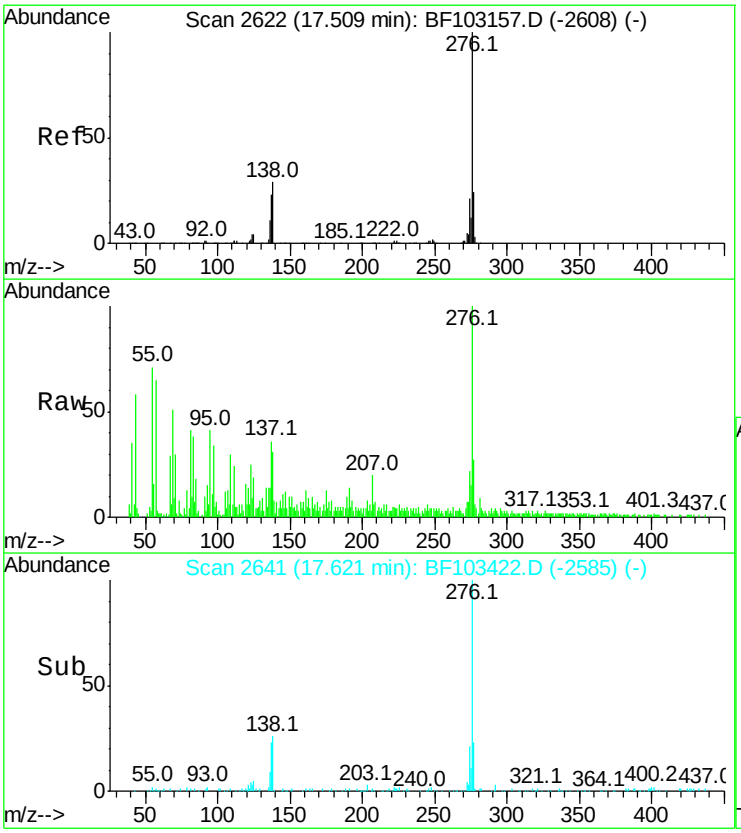
#90
Dibenzo(a,h)anthracene
Concen: 2.579 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18696

Ion	Ratio	Lower	Upper
278	100		
139	49.8	15.9	23.9#
279	35.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.151 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.03 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:276 Resp: 64839

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	31.2	21.8	32.8