Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021518-A

Quant Time: Feb 16 17:45:41 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	183494	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	739475	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	296742	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	438153	20.00	ng		0.00
75) Chrysene-d12	14.04	240	329621	20.00	ng		-0.01
86) Perylene-d12	15.54	264	276602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	647796	53.61	ng		0.00
7) Phenol-d6	6.50	99	764644	52.56	ng		0.00
23) Nitrobenzene-d5	7.43	82	459126	43.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	118245	49.51	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	737380	41.23	ng		0.00
78) Terphenyl-d14	12.99	244	505503	36.31	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.43	82	459126	18.705	ng	#	64
26) 2-Nitrophenol	7.82	139	447	8.737	ng	#	22
32) Benzoic acid	7.95	122	119	8.559	ng	#	29
47) 2-Nitroaniline	9.44	65	479	3.545	ng	#	31
49) Dimethylphthalate	9.62	163	87674	3.789	ng		99
51) Acenaphthene	9.95	154	54025	2.956	ng		96
54) Dibenzofuran	10.12	168	62280	2.418	ng		96
55) 4-Nitrophenol	10.02	139	1228	4.286	ng	#	29
56) 2,4-Dinitrotoluene	9.91	165	39268	9.301	ng	#	23
57) Fluorene	10.46	166	64853	3.461	ng		98
64) 4,6-Dinitro-2-methylphenol	10.70	198	124	8.855	ng	#	1
70) Phenanthrene	11.43	178	313053	12.829	ng		97
71) Anthracene	11.48	178	127127	5.122	ng		100
74) Fluoranthene	12.62	202	407418	16.594	ng		97
77) Pyrene	12.84	202	344820	13.341	ng		99
80) Benzo(a)anthracene	14.03	228	169533	8.178	ng		98
82) Chrysene	14.07	228	147047	7.037	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	60268	3.477	ng		98
87) Benzo(b)fluoranthene	15.10	252	215158	11.998	ng	#	92
88) Benzo(k)fluoranthene	15.10	252	215158	12.557	ng	#	95
89) Benzo(a)pyrene	15.47	252	115545	7.158	ng	#	91
91) Benzo(g,h,i)perylene	17.50	276	56904	4.437	ng		95

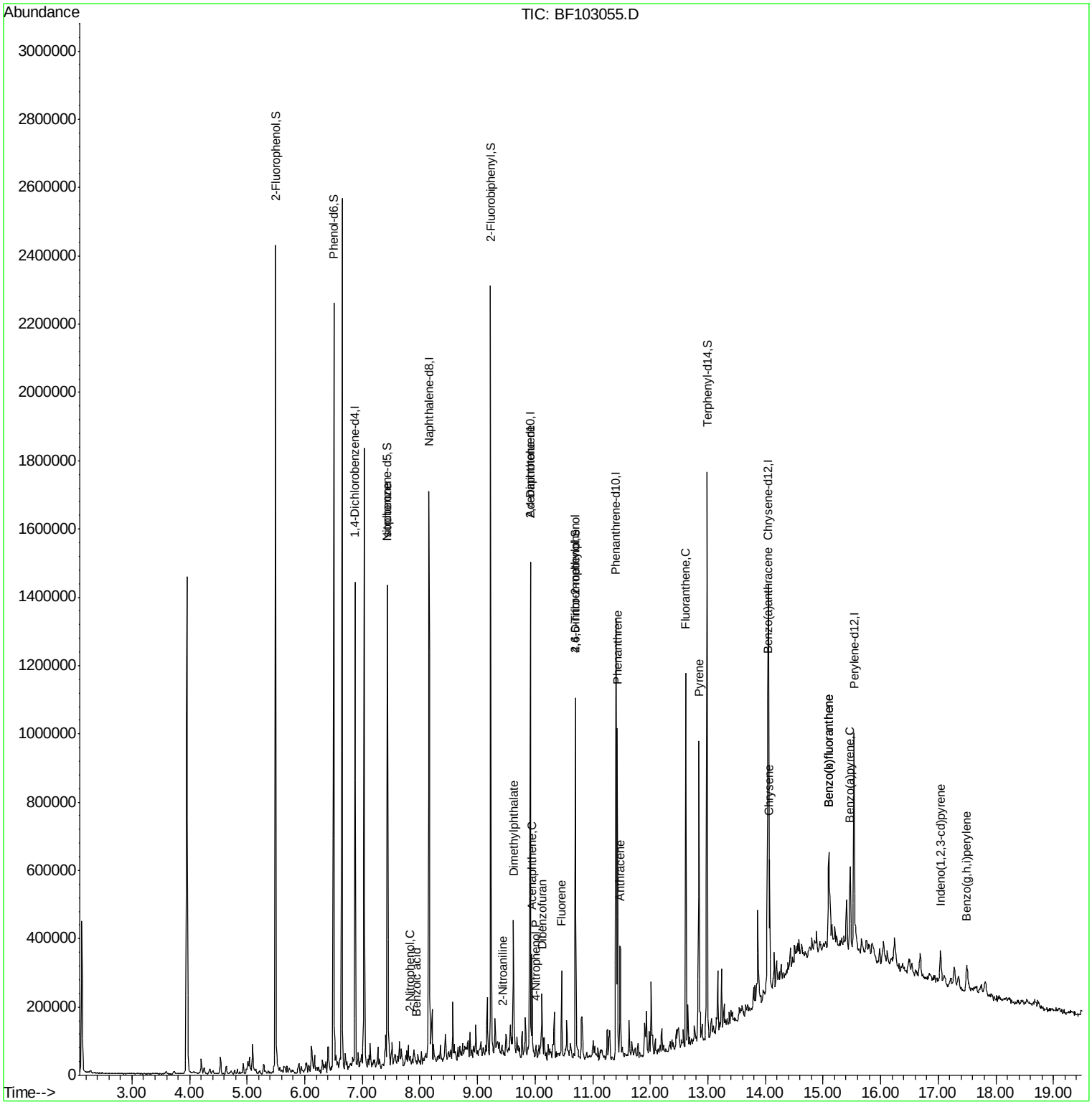
(#) = qualifier out of range (m) = manual integration (+) = signals summed

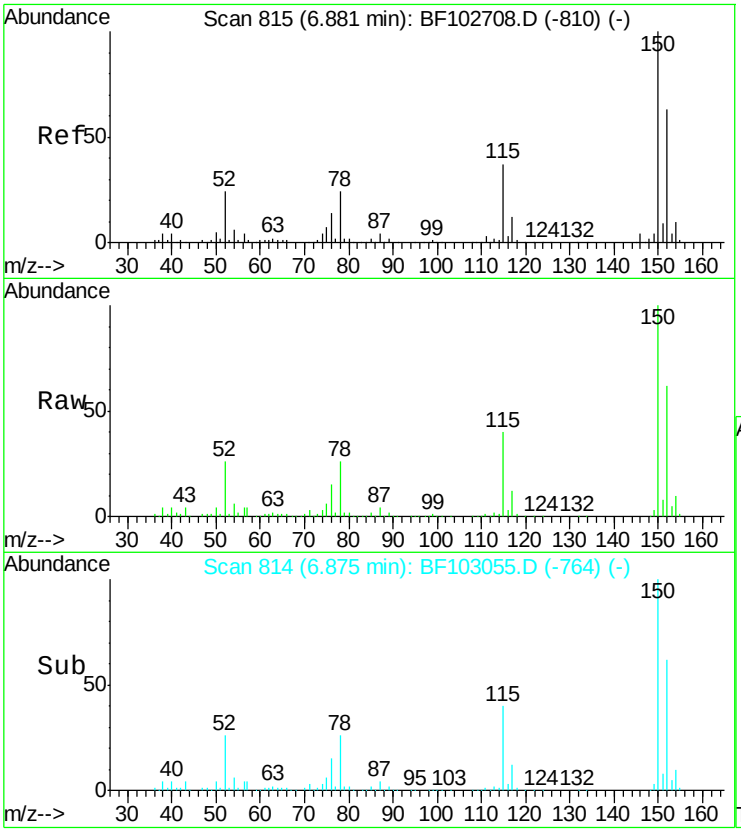
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Quant Time: Feb 16 17:45:41 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



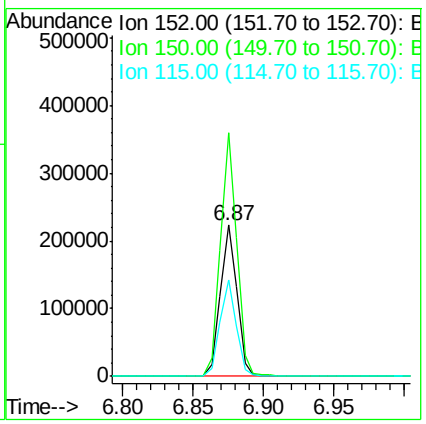


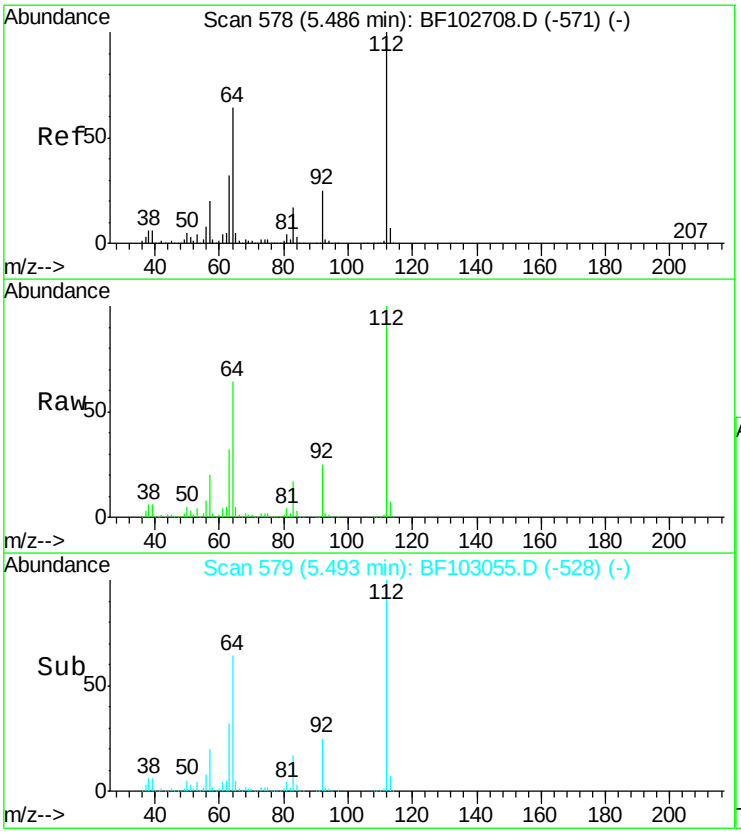
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:152 Resp: 183494

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	63.8	50.1	75.1

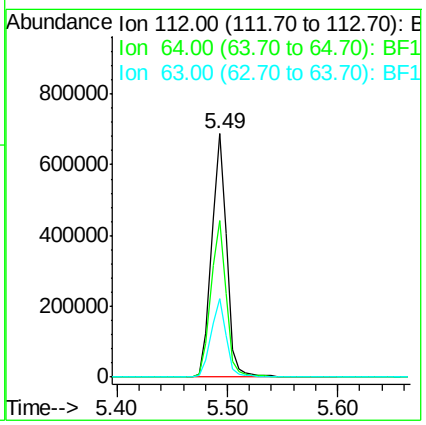


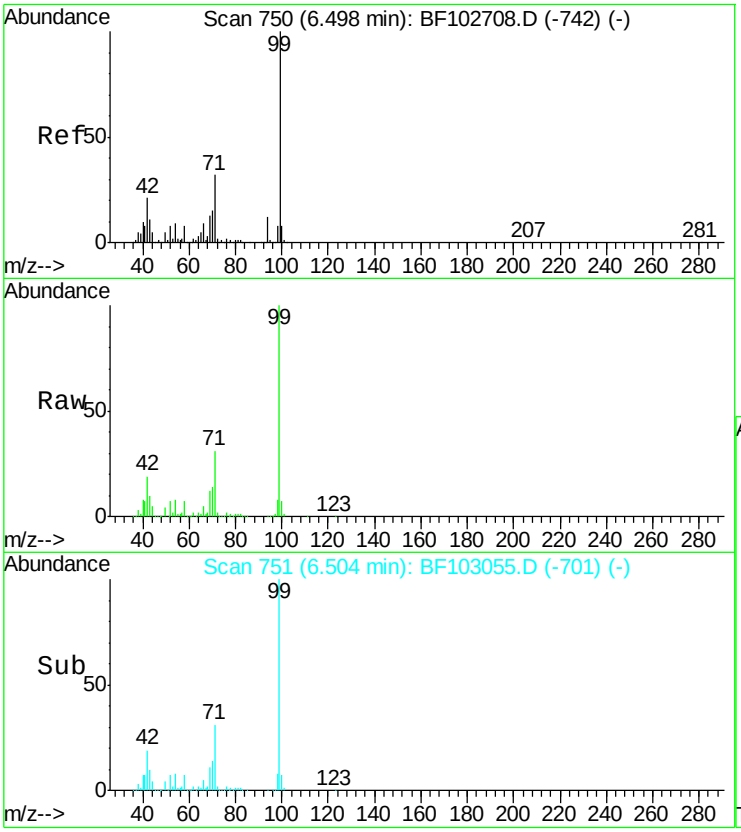


#5
2-Fluorophenol
Concen: 53.614 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:112 Resp: 647796

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.2	23.7	35.5



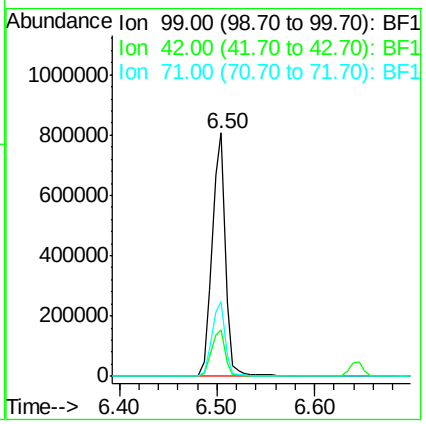


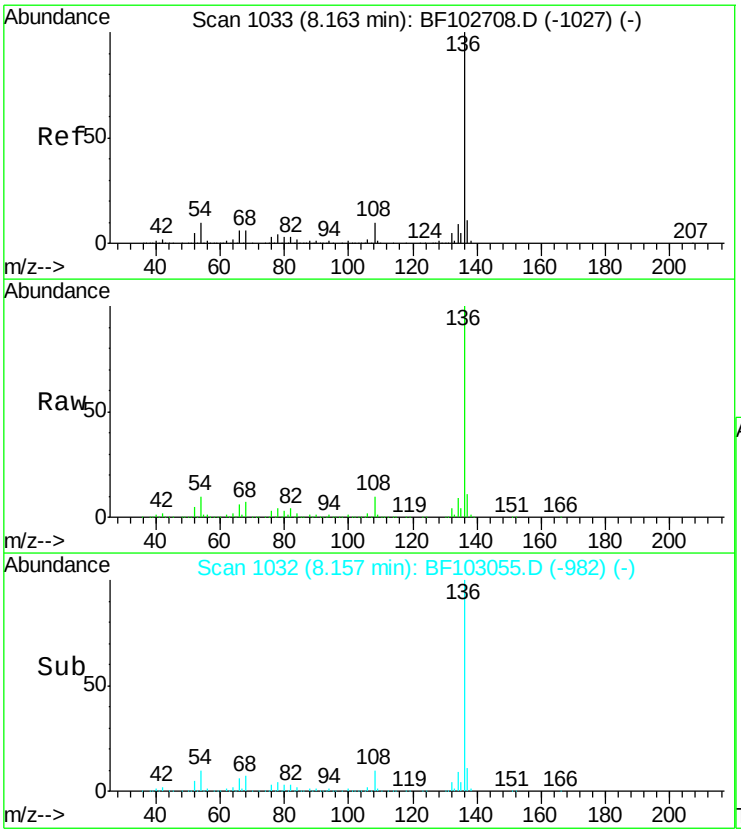
#7
Phenol-d6
Concen: 52.559 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion: 99 Resp: 764644

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	30.7	25.4	38.0

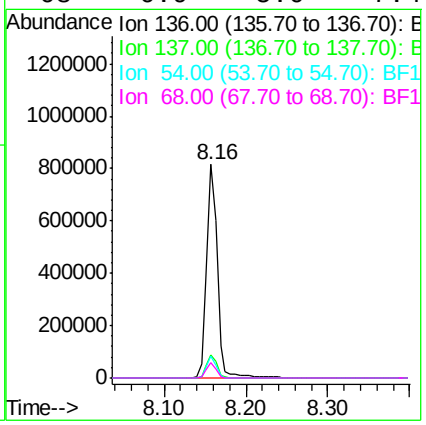


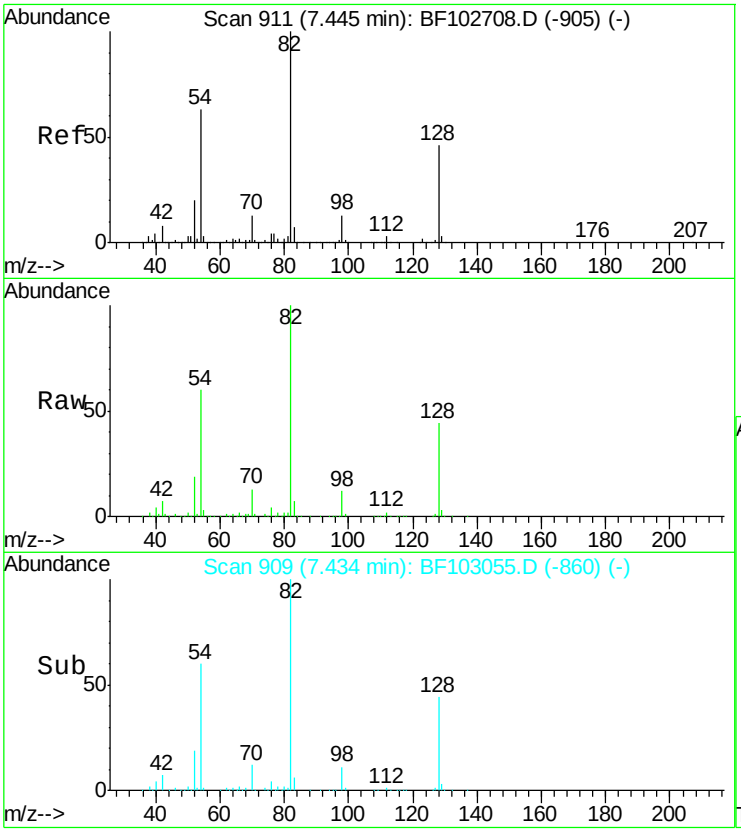


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:136 Resp: 739475

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.9	5.0	7.4



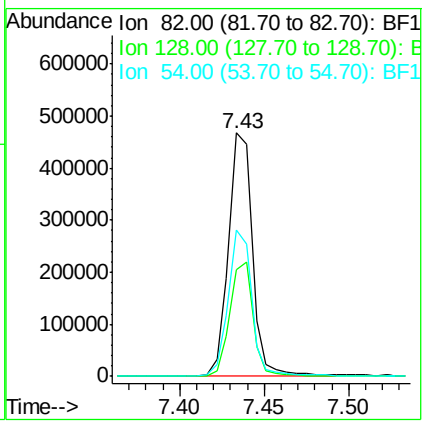


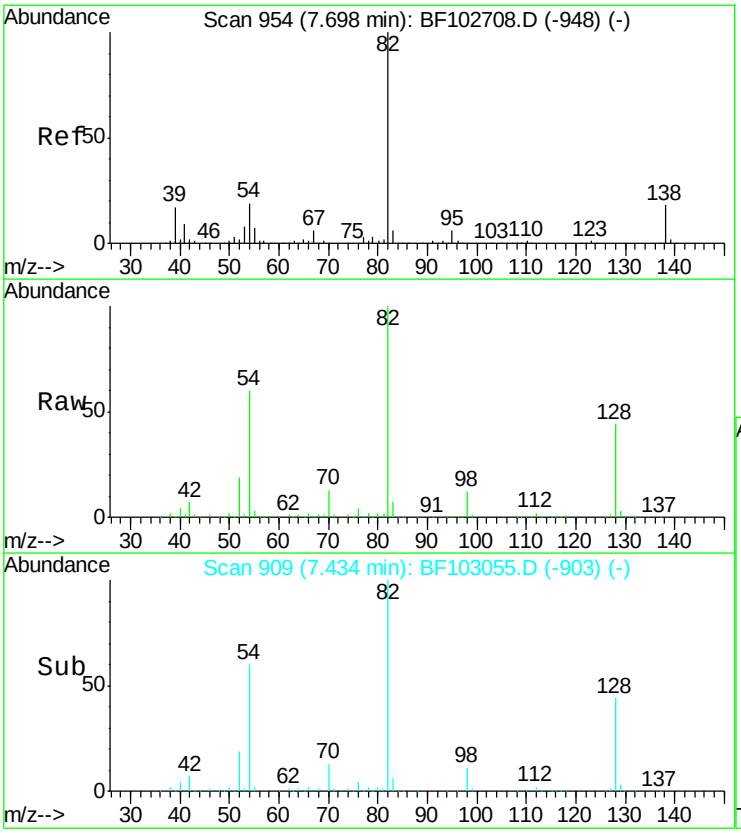
#23
Nitrobenzene-d5
Concen: 43.071 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion: 82 Resp: 459126

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.1	41.4	62.2

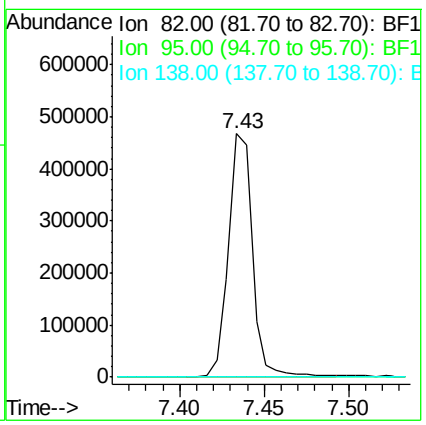


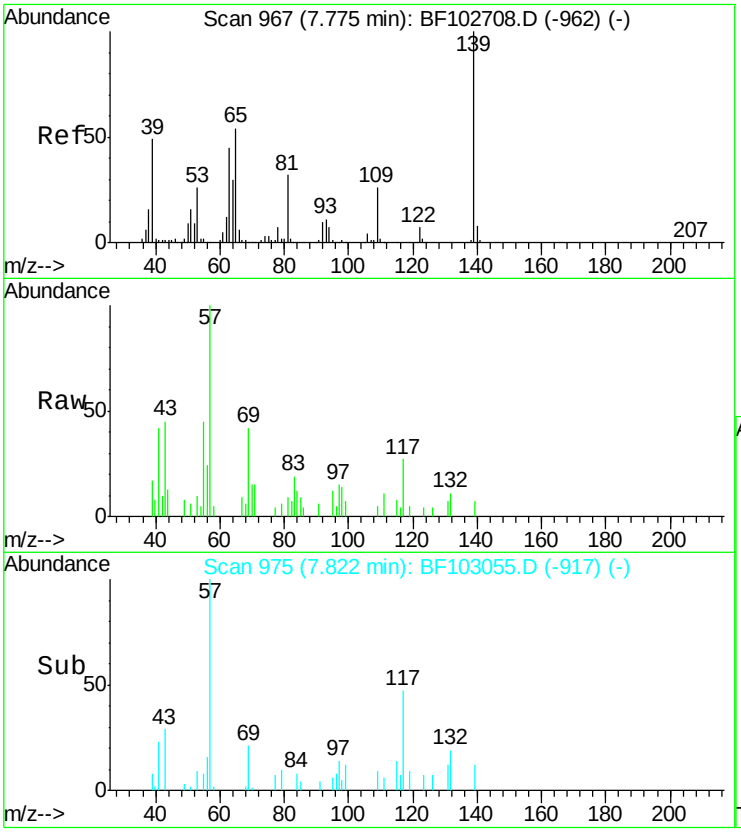


#25
Isophorone
Concen: 18.705 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion: 82 Resp: 459126

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



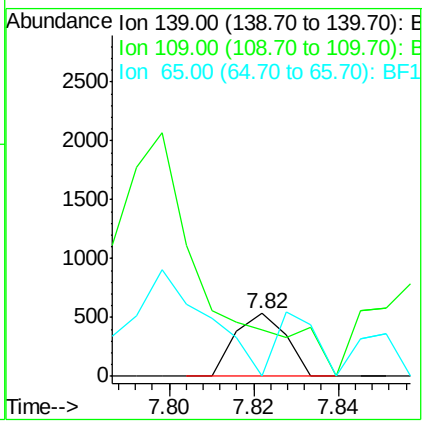


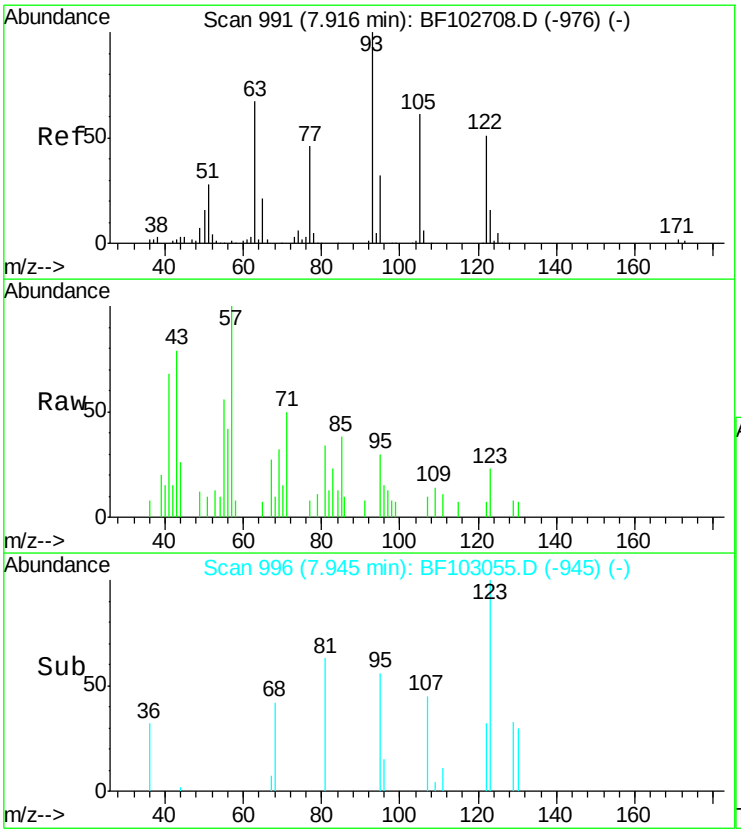
#26
2-Nitrophenol
Concen: 8.737 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.04 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:139 Resp: 447

Ion	Ratio	Lower	Upper
139	100		
109	74.3	22.7	34.1#
65	0.0	40.5	60.7#

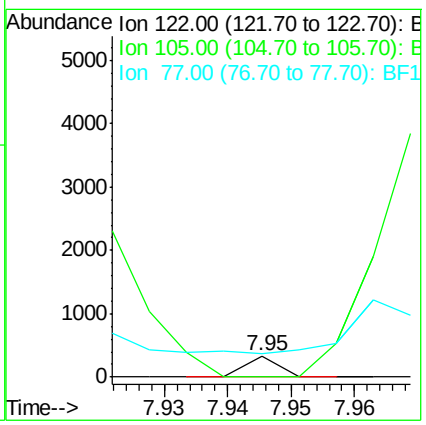


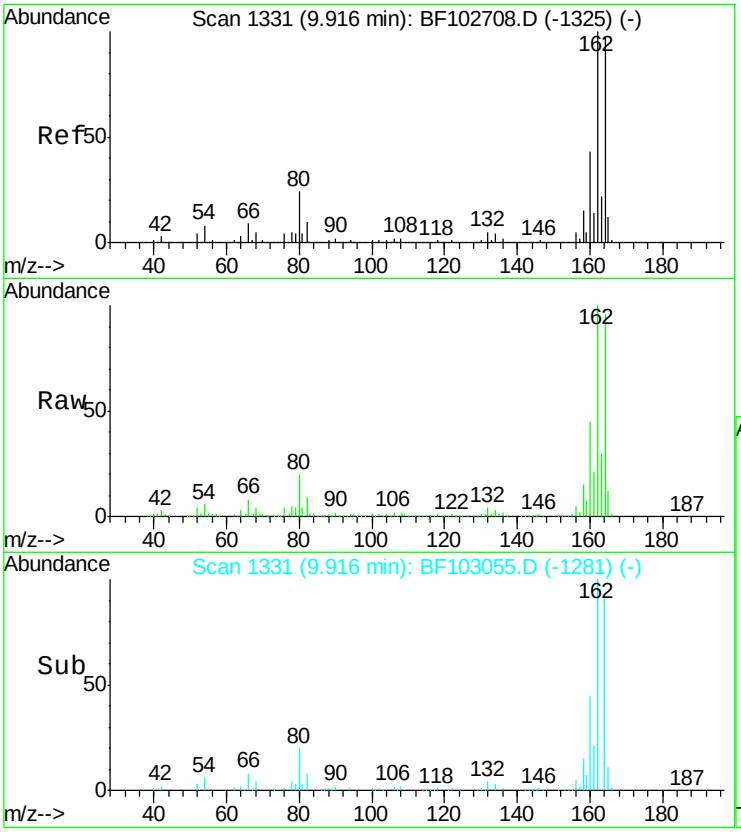


#32
Benzoic acid
Concen: 8.559 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	111.5	70.7	110.7#



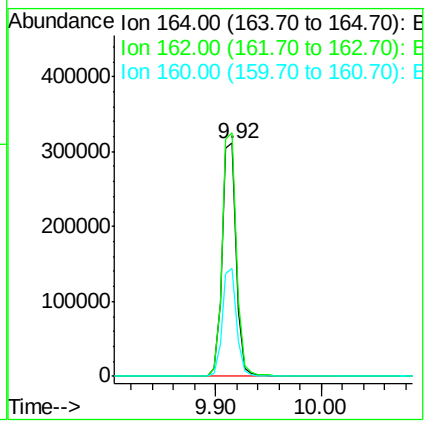


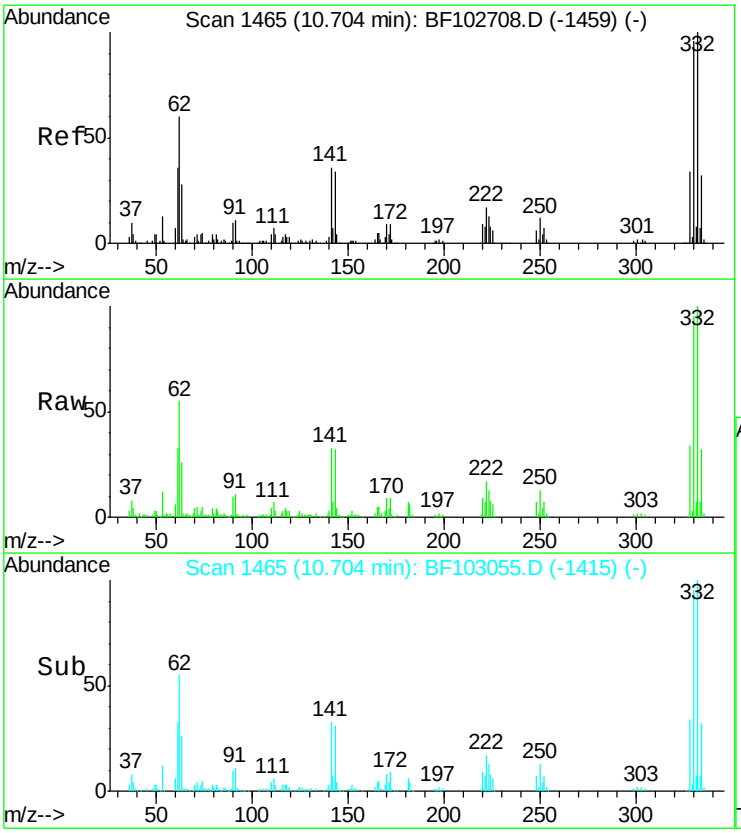
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:164 Resp: 296742

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.5	38.3	57.5

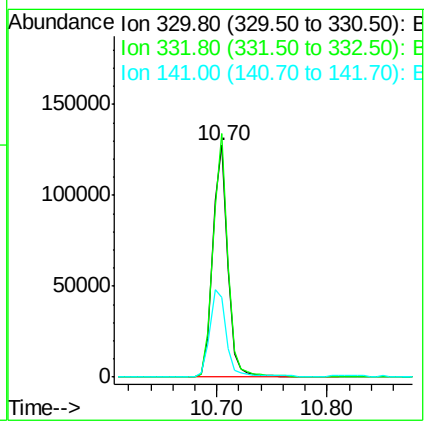


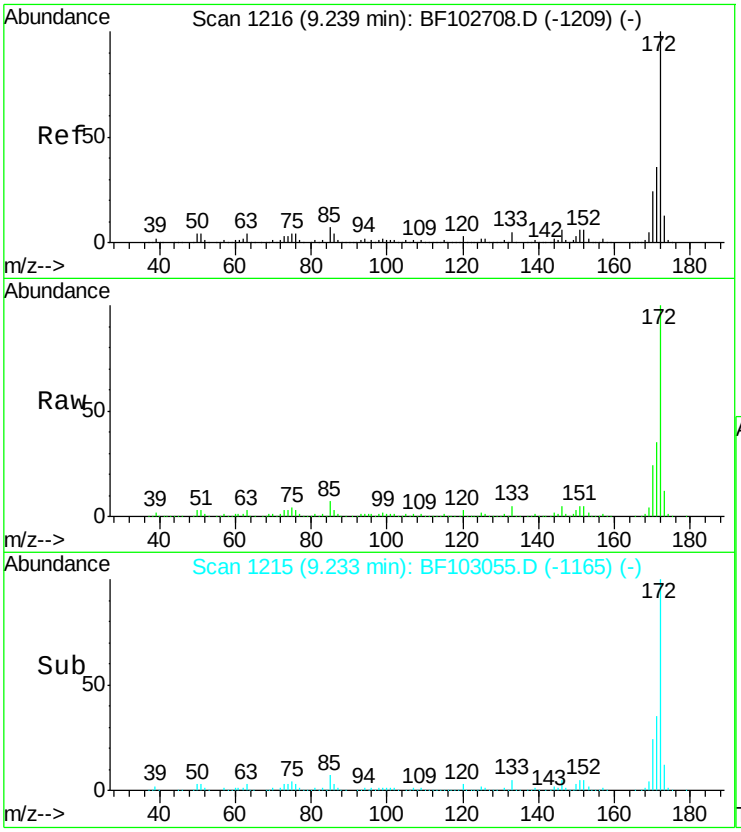


#41
2,4,6-Tribromophenol
Concen: 49.507 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:330 Resp: 118245

Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	41.1	29.9	44.9



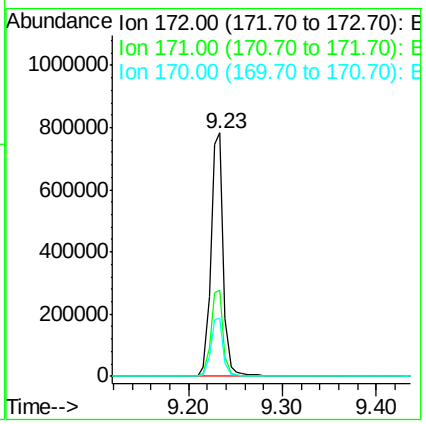


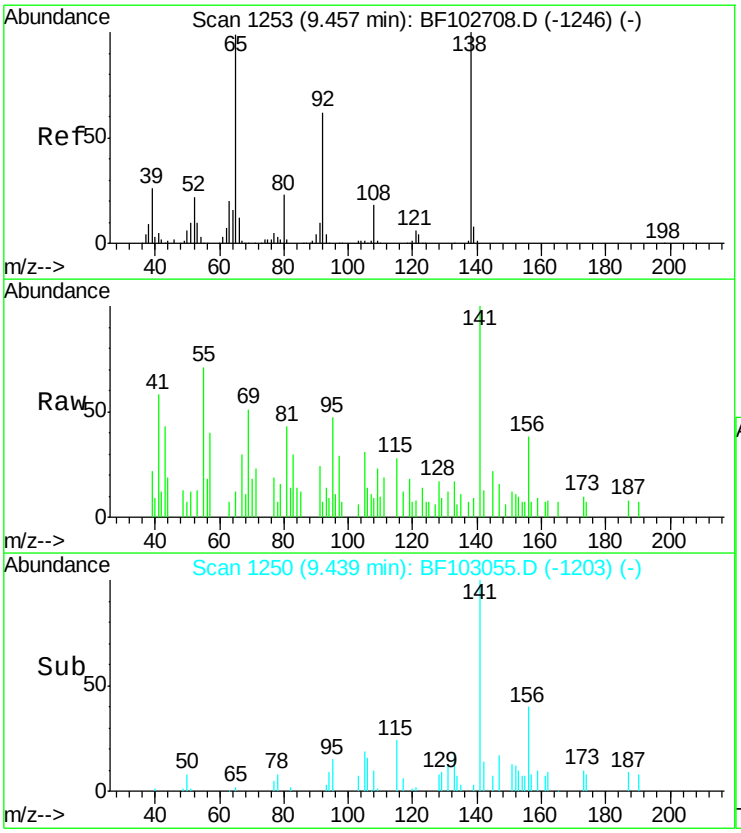
#44
2-Fluorobiphenyl
Concen: 41.234 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:172 Resp: 737380

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4

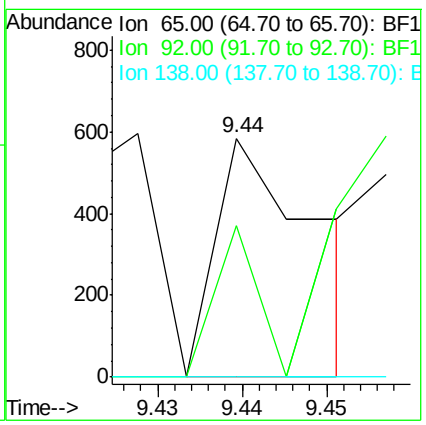


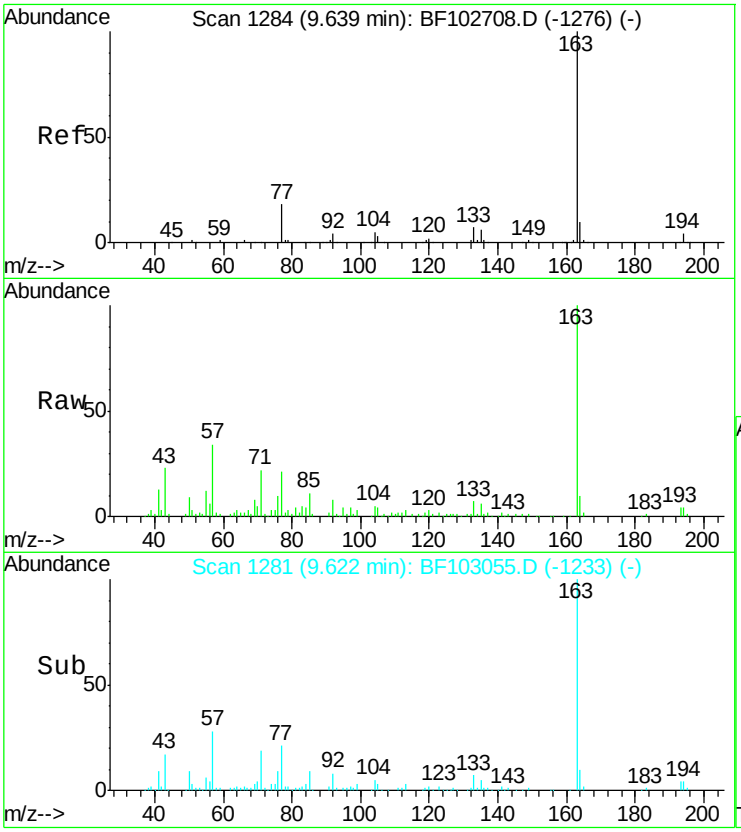


#47
2-Nitroaniline
Concen: 3.545 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion: 65 Resp: 479

Ion	Ratio	Lower	Upper
65	100		
92	63.2	55.8	83.6
138	0.0	91.2	136.8#



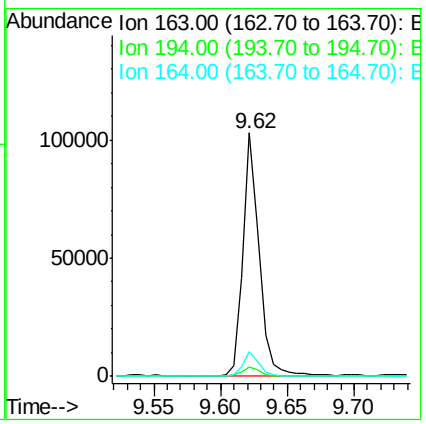


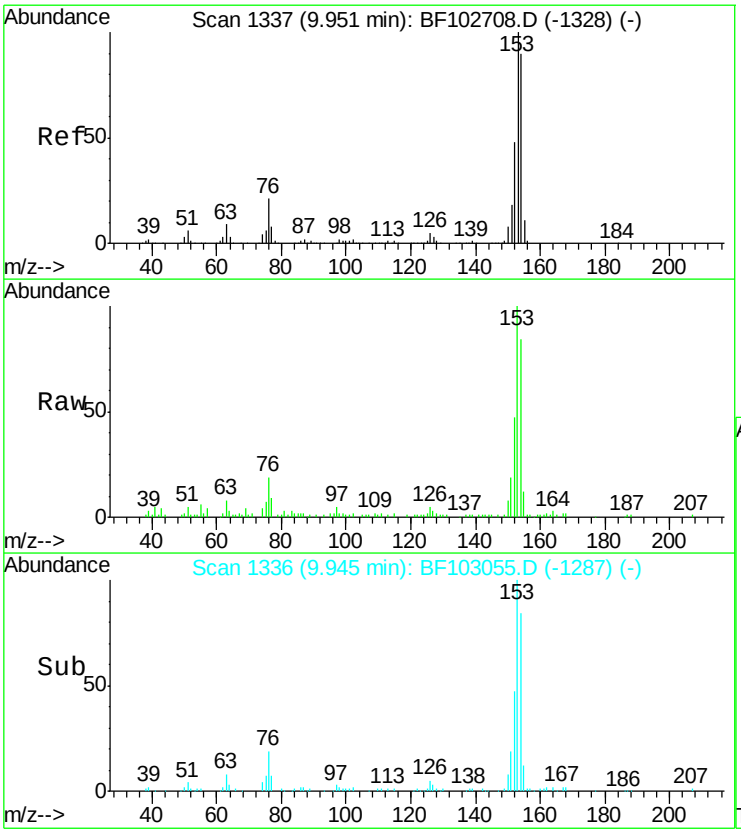
#49
Dimethylphthalate
Concen: 3.789 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:163 Resp: 87674

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2

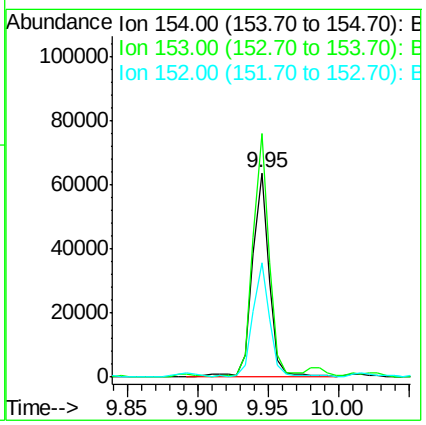


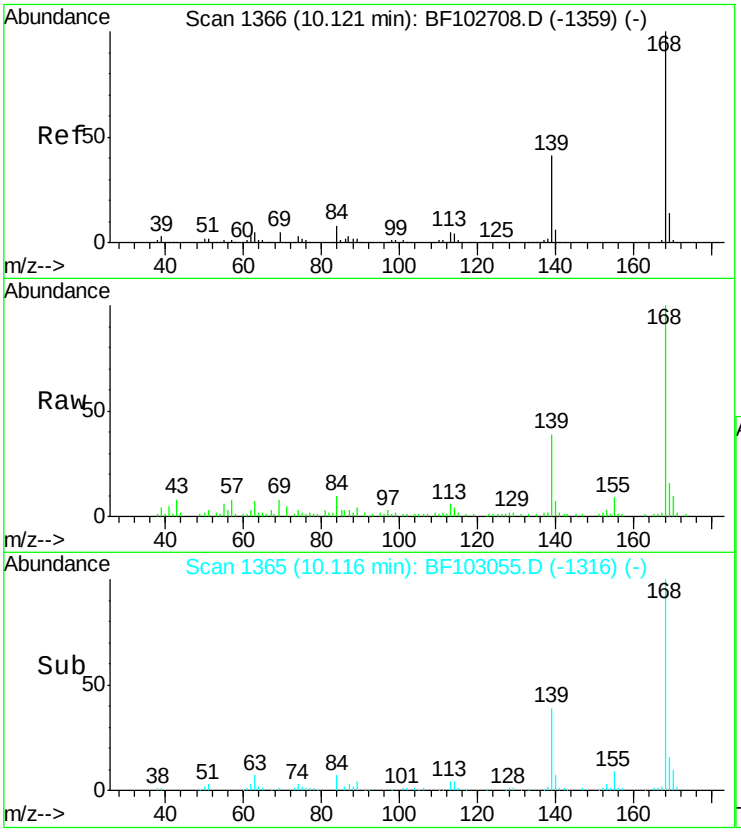


#51
Acenaphthene
Concen: 2.956 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:154 Resp: 54025

Ion	Ratio	Lower	Upper
154	100		
153	119.3	91.2	136.8
152	55.8	43.8	65.8



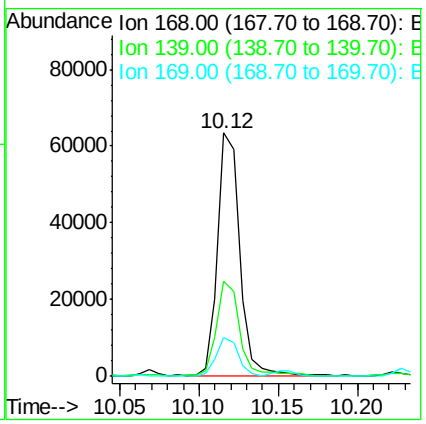


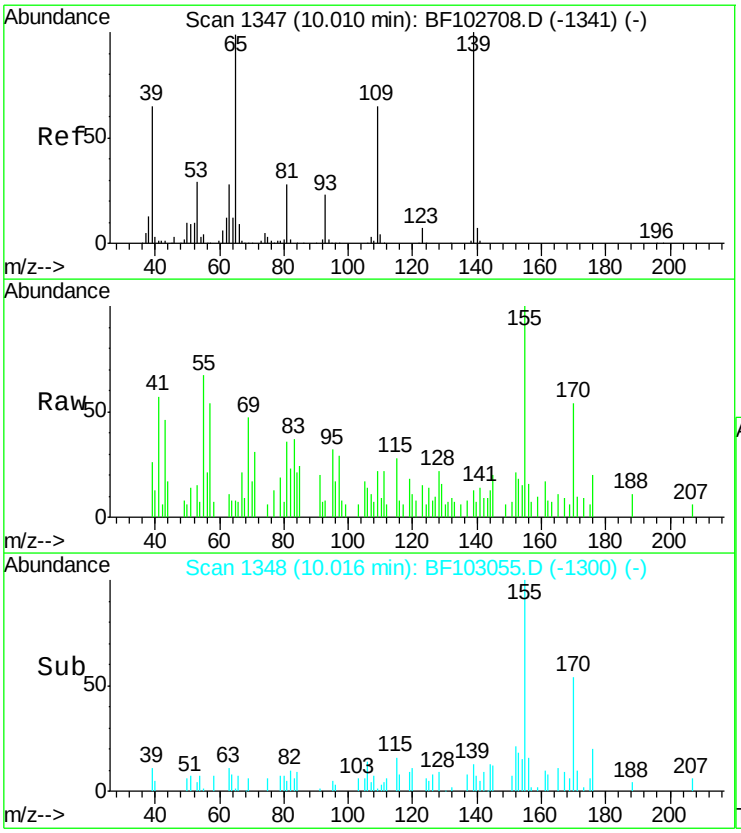
#54
Dibenzofuran
Concen: 2.418 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:168 Resp: 62280

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	15.9	10.9	16.3

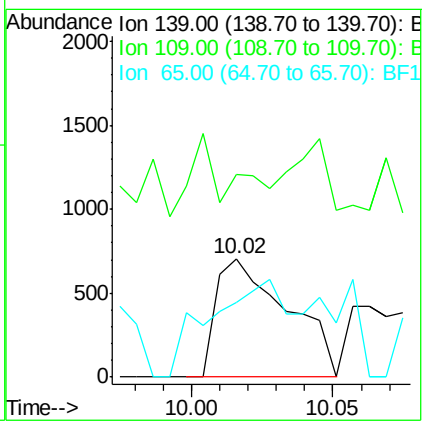


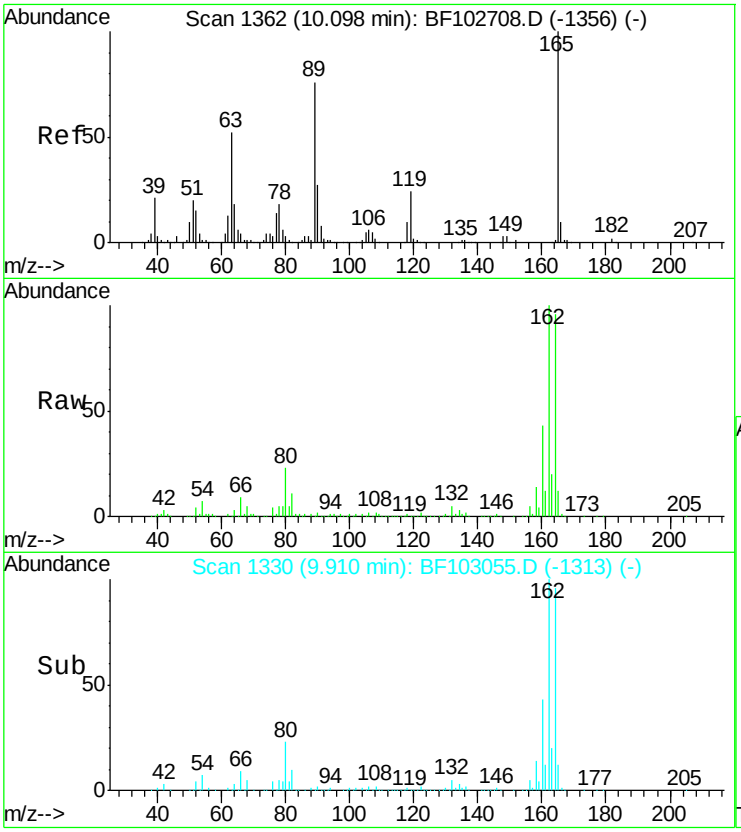


#55
4-Nitrophenol
Concen: 4.286 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:139 Resp: 1228

Ion	Ratio	Lower	Upper
139	100		
109	170.8	48.4	88.4#
65	63.0	72.6	112.6#



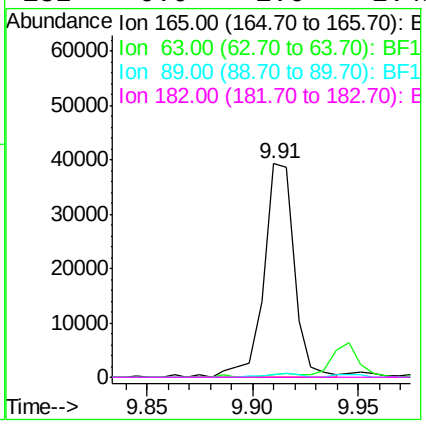


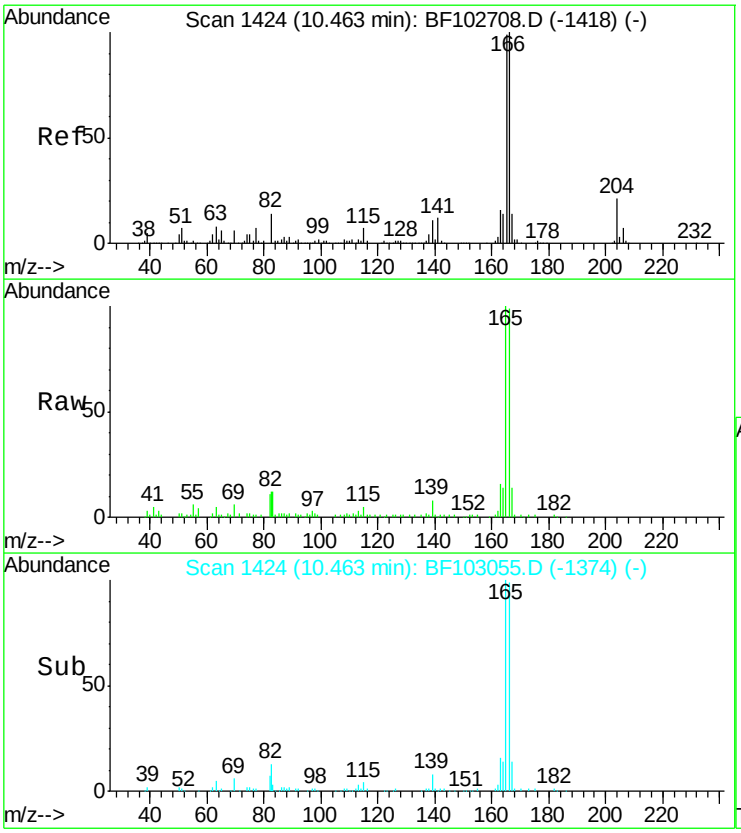
#56
2,4-Dinitrotoluene
Concen: 9.301 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:165 Resp: 39268

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

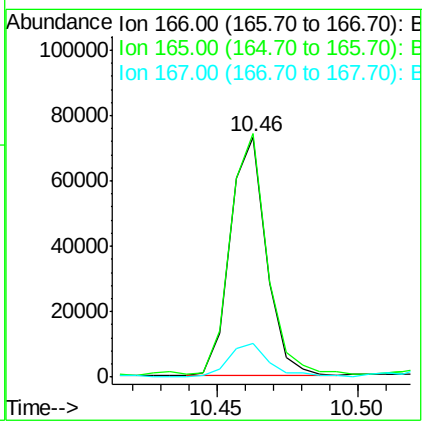


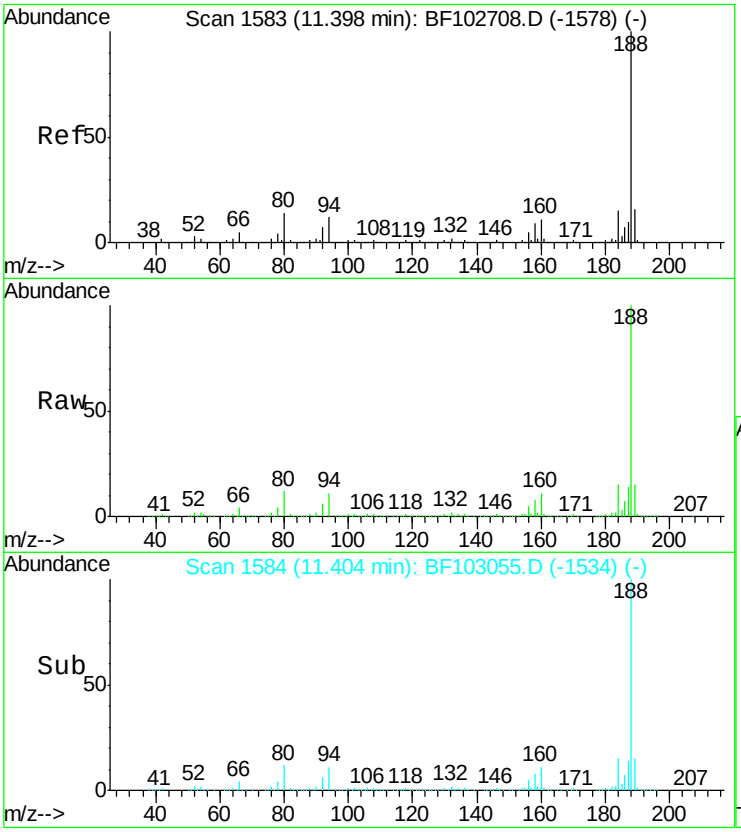


#57
Fluorene
Concen: 3.461 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:166 Resp: 64853

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	14.2	10.6	16.0



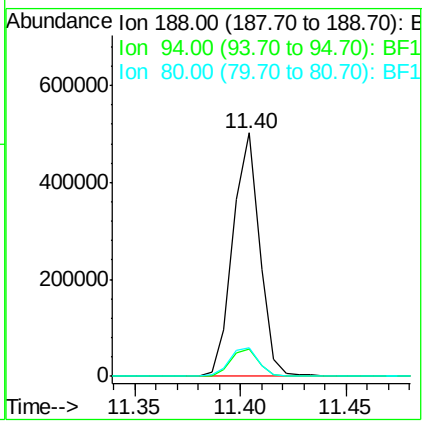


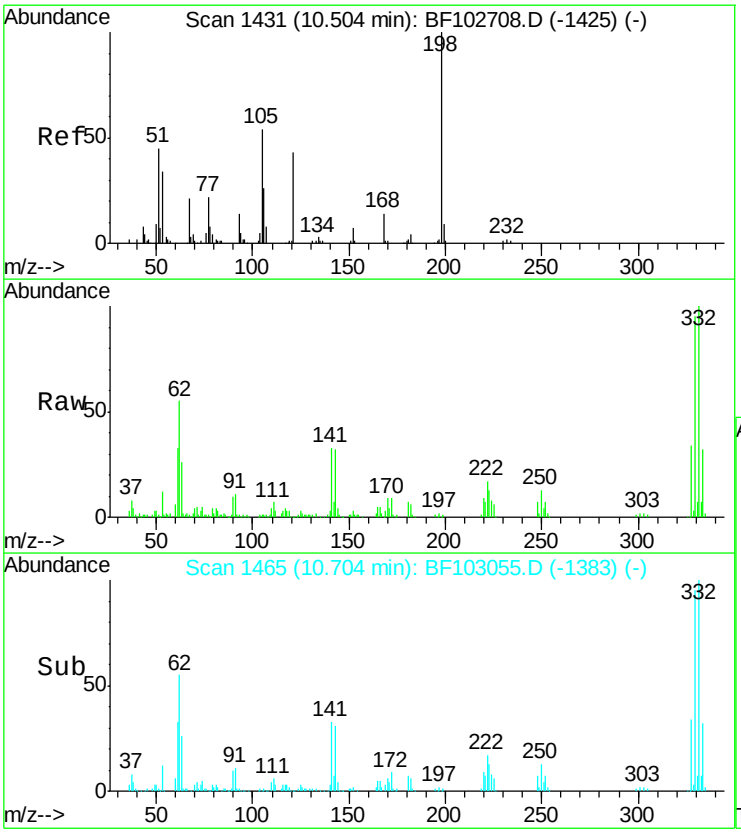
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:188 Resp: 438153

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	11.8	9.2	13.8

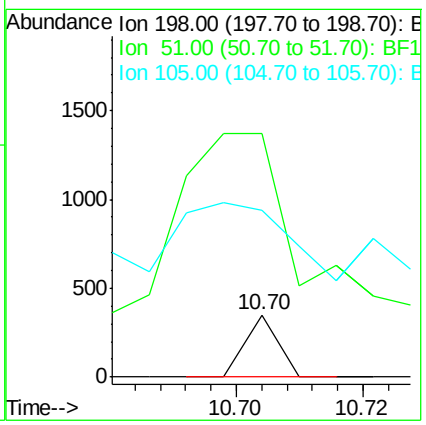


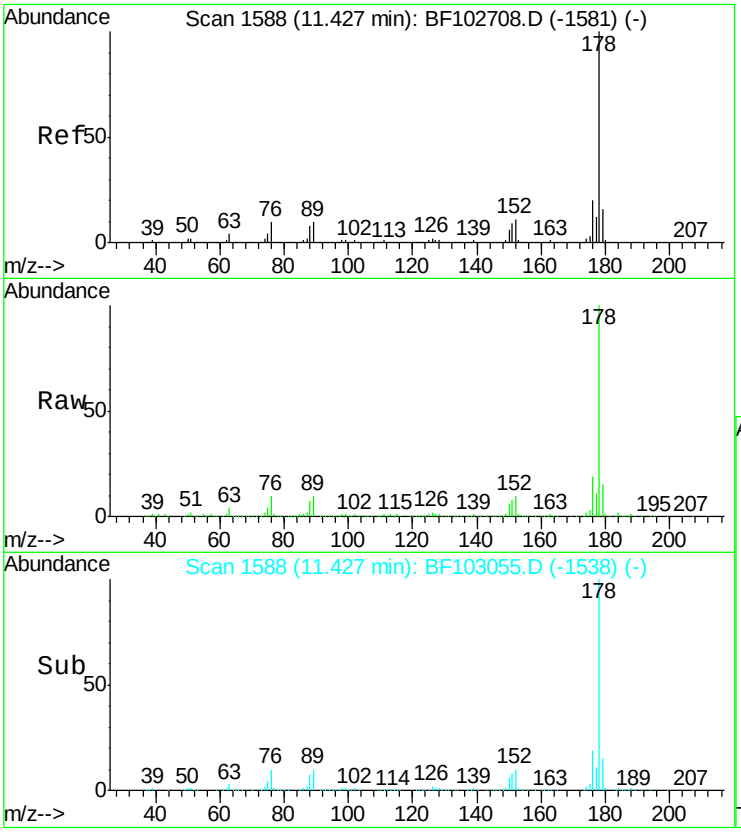


#64
4,6-Dinitro-2-methylphenol
Concen: 8.855 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:198 Resp: 124

Ion	Ratio	Lower	Upper
198	100		
51	391.1	37.7	77.7#
105	268.6	36.3	76.3#



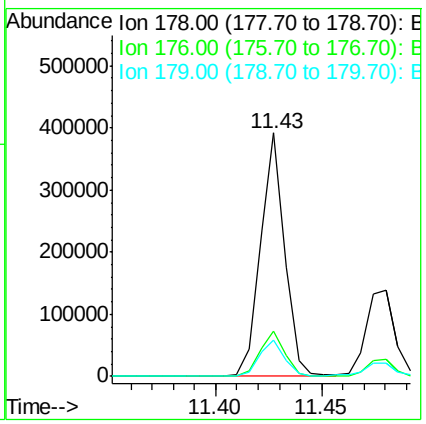


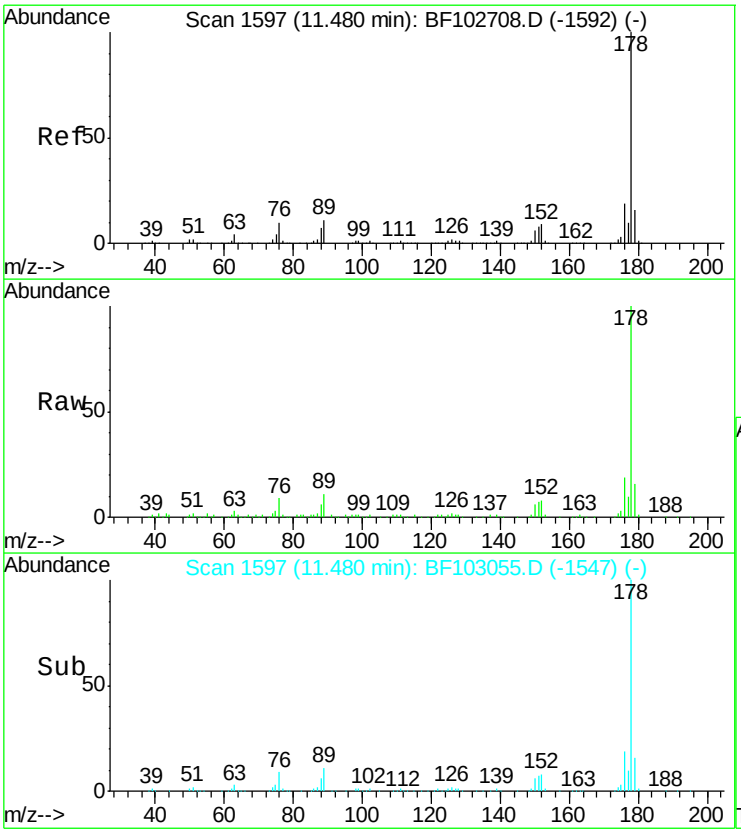
#70
Phenanthrene
Concen: 12.829 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:178 Resp: 313053

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6

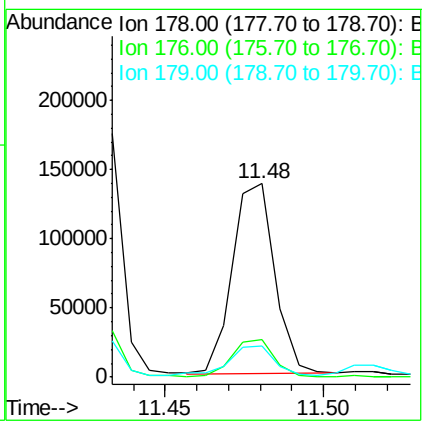


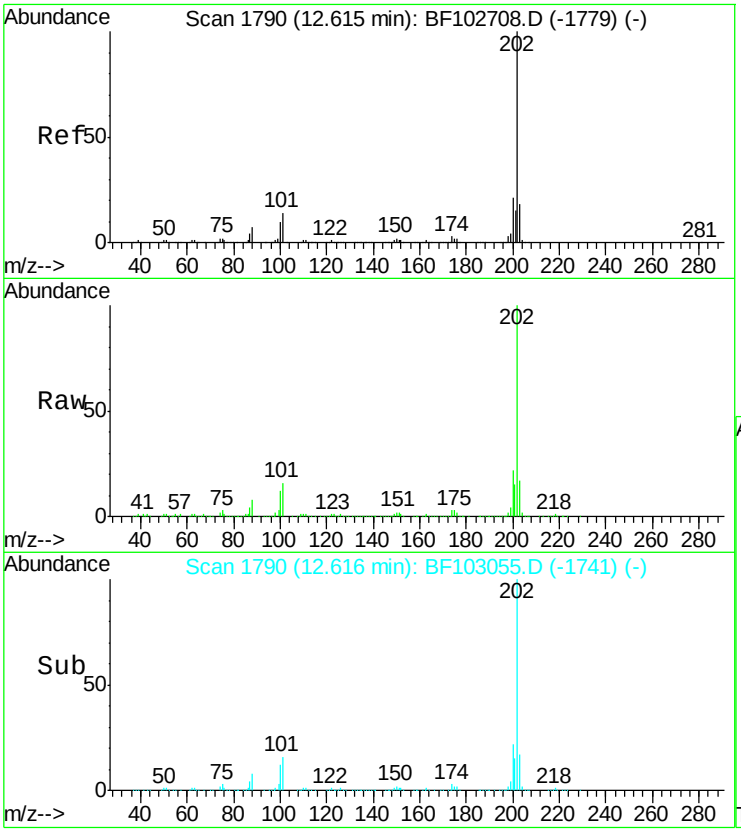


#71
Anthracene
Concen: 5.122 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:178 Resp: 127127

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	19.0



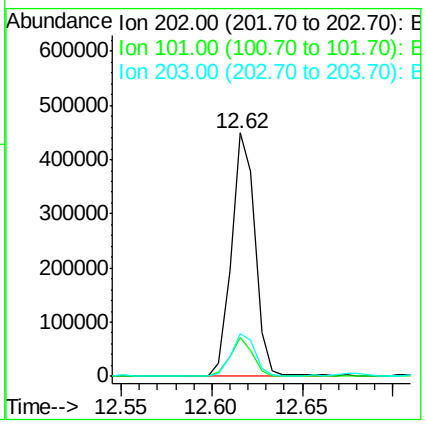


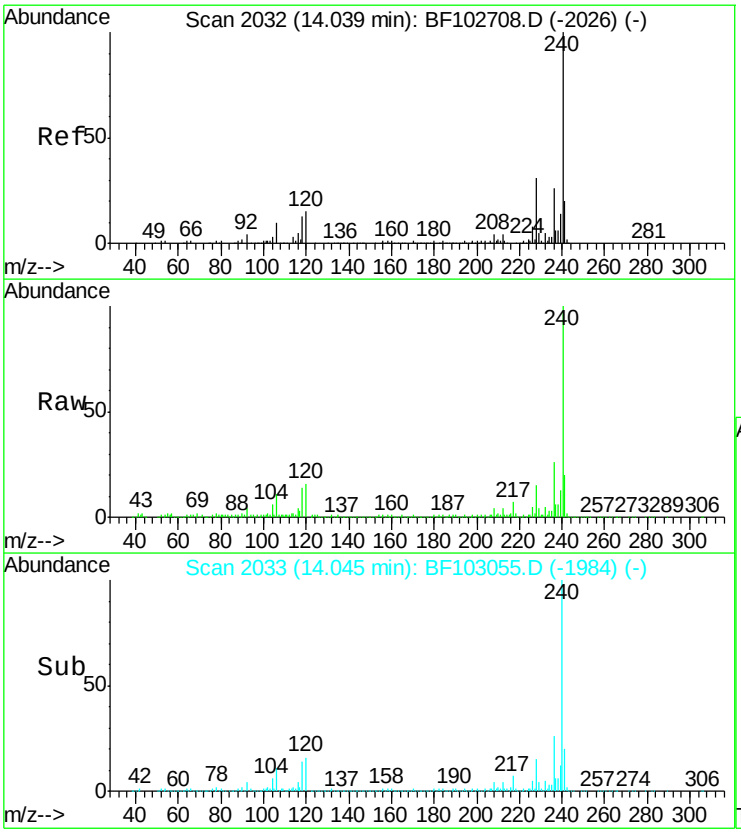
#74
Fluoranthene
Concen: 16.594 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:202 Resp: 407418

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	34.1
203	17.4	0.0	38.1

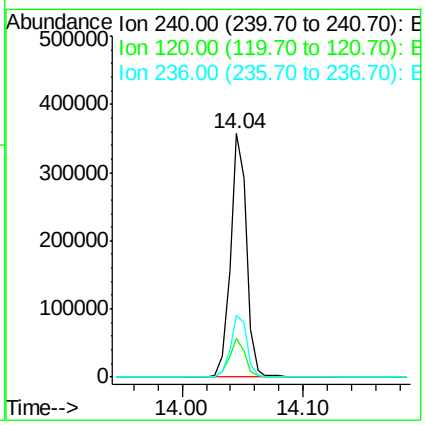


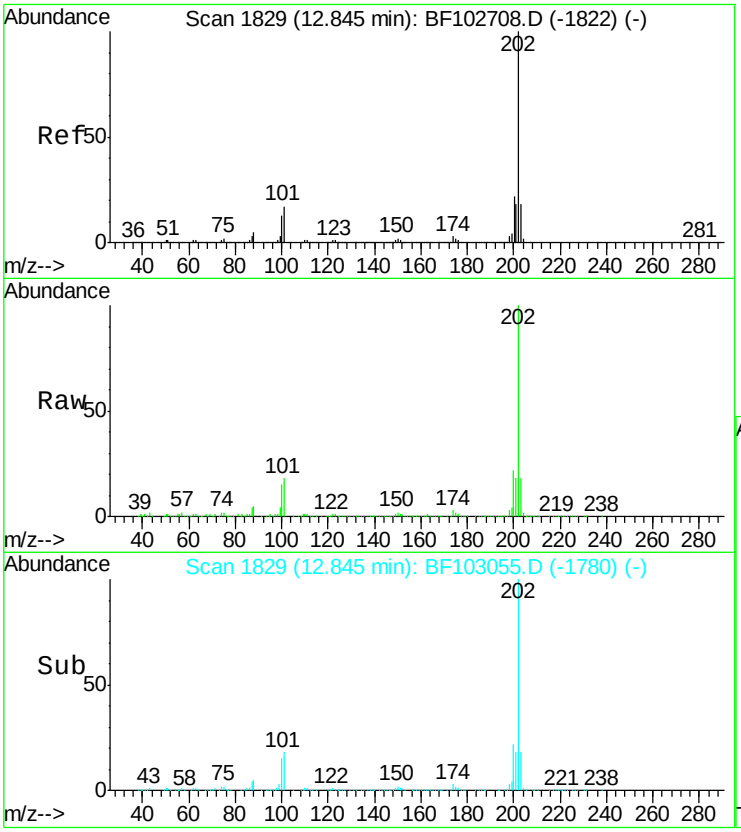


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:240 Resp: 329621

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.6	20.7	31.1



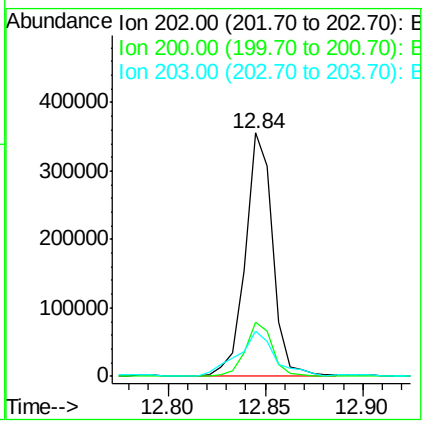


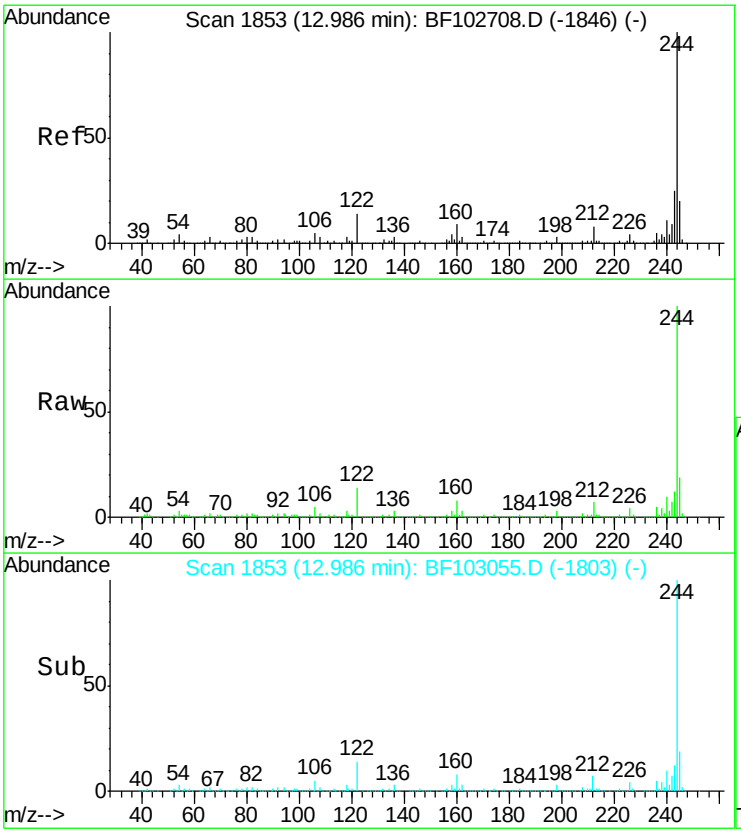
#77
Pyrene
Concen: 13.341 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:202 Resp: 344820

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.3	21.5

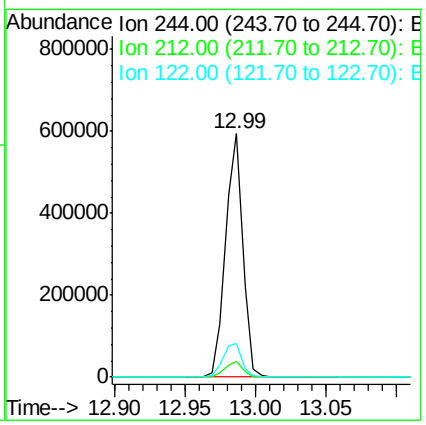


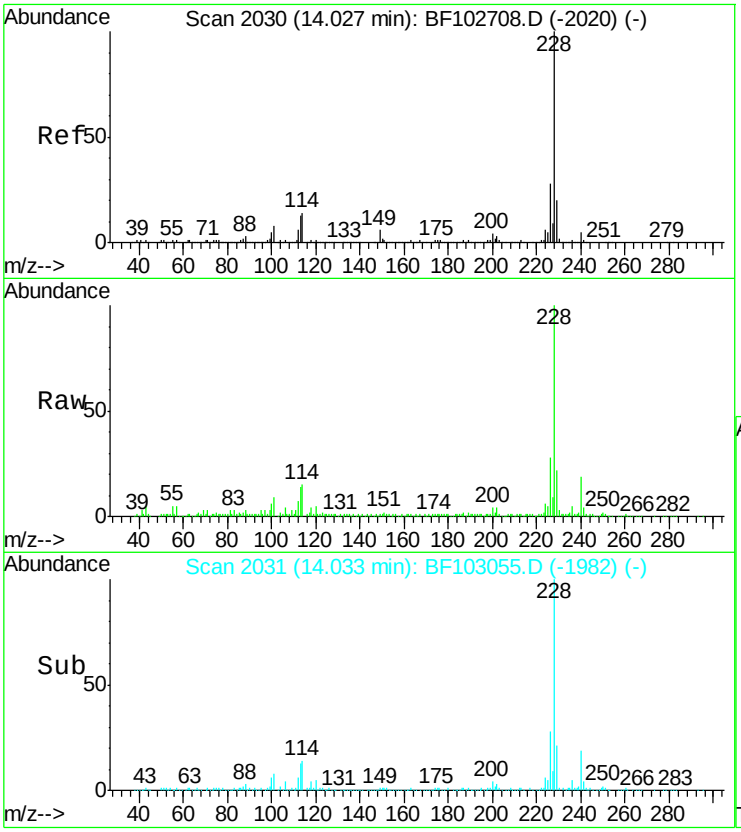


#78
Terphenyl-d14
Concen: 36.312 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:244 Resp: 505503

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4



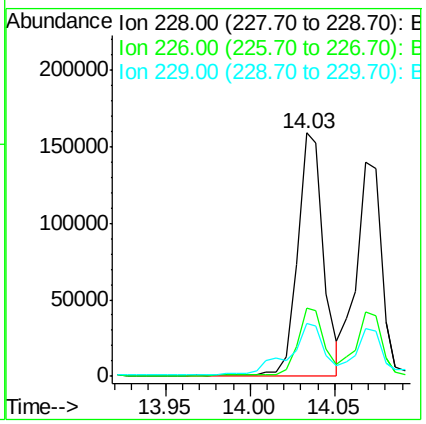


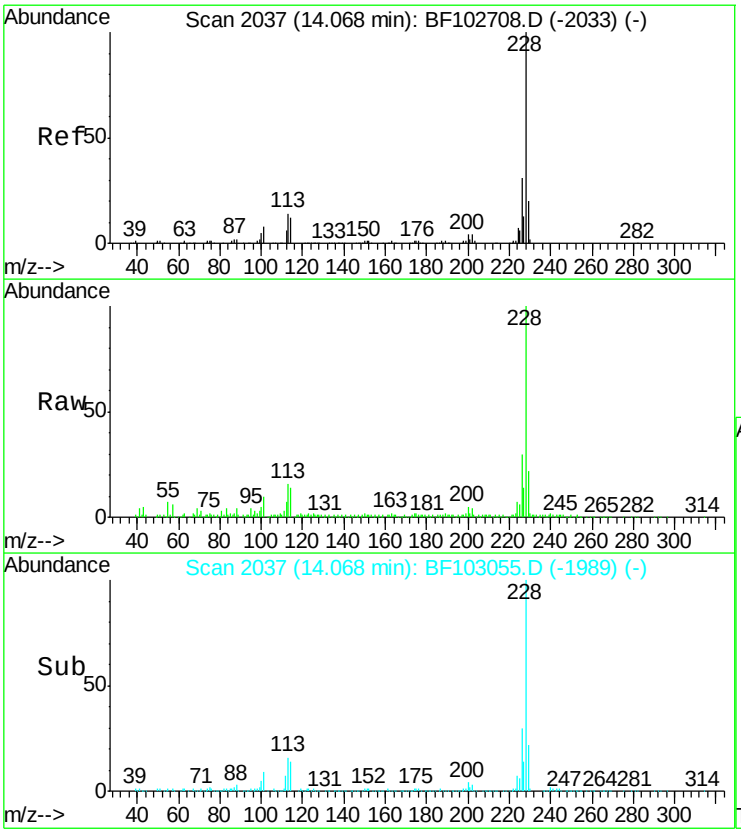
#80
Benzo(a)anthracene
Concen: 8.178 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:228 Resp: 169533

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.6	15.8	23.6

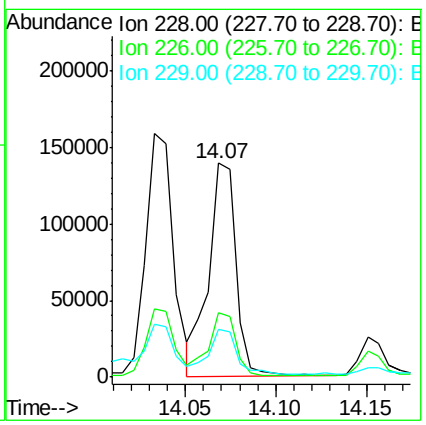


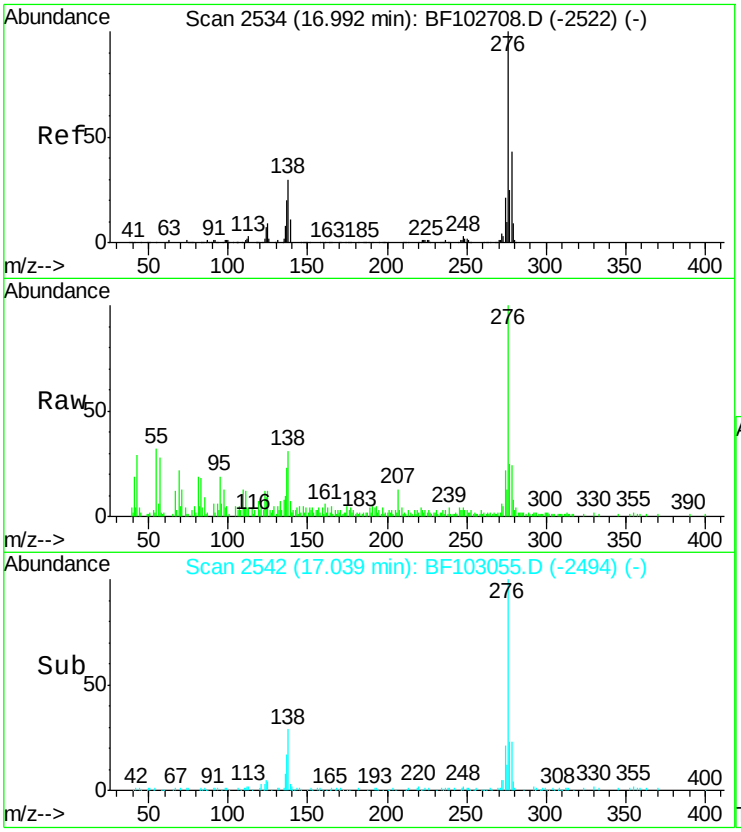


#82
Chrysene
Concen: 7.037 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:228 Resp: 147047

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4



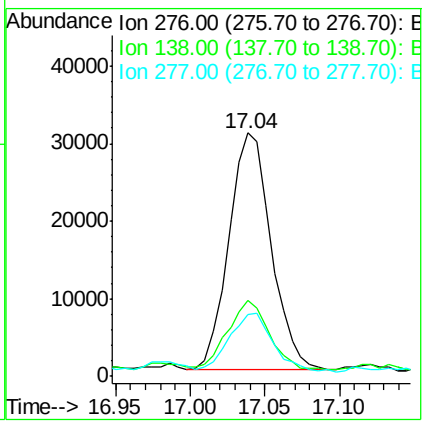


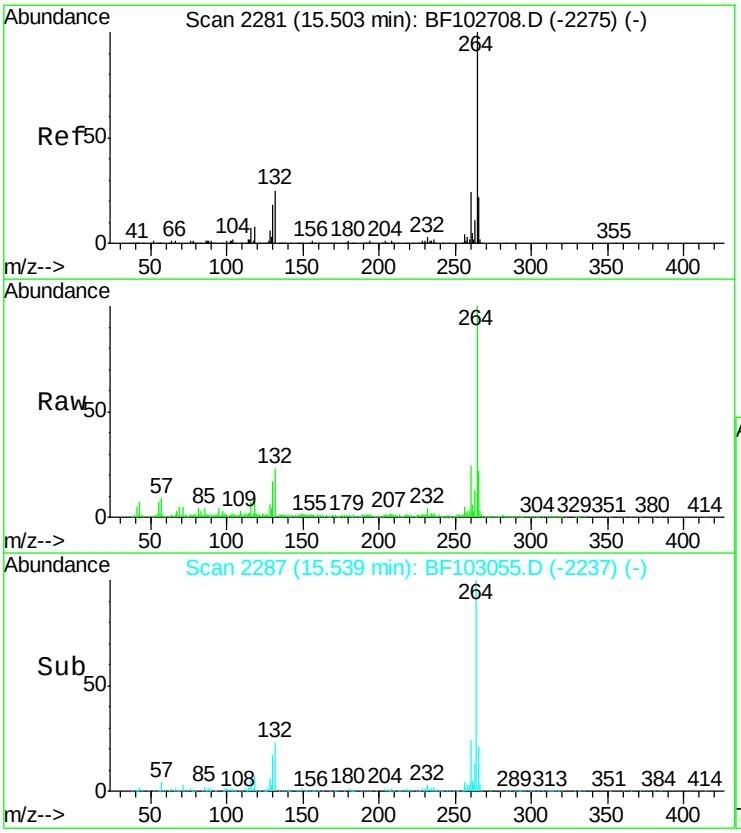
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.477 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:276 Resp: 60268

Ion	Ratio	Lower	Upper
276	100		
138	29.1	25.0	37.6
277	25.4	20.1	30.1

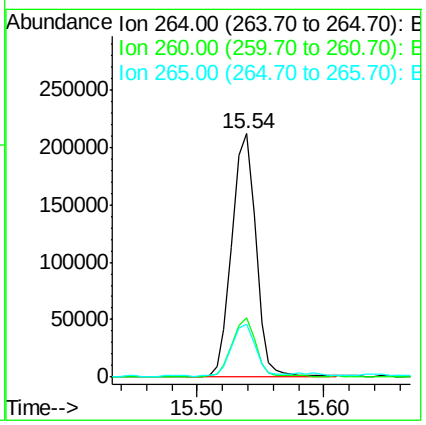


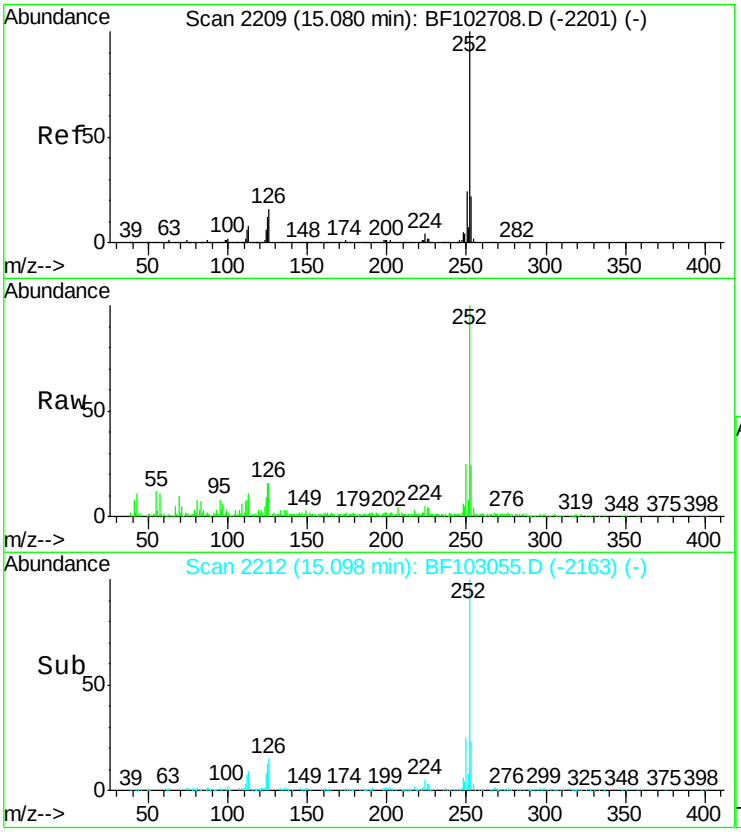


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:264 Resp: 276602

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3



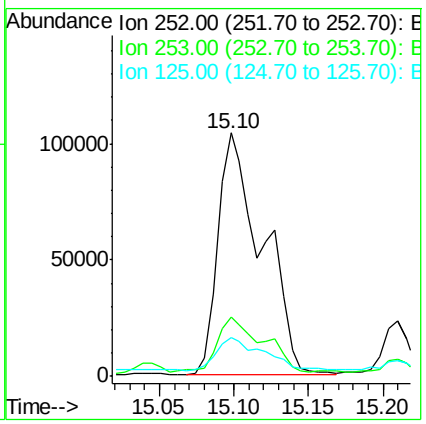


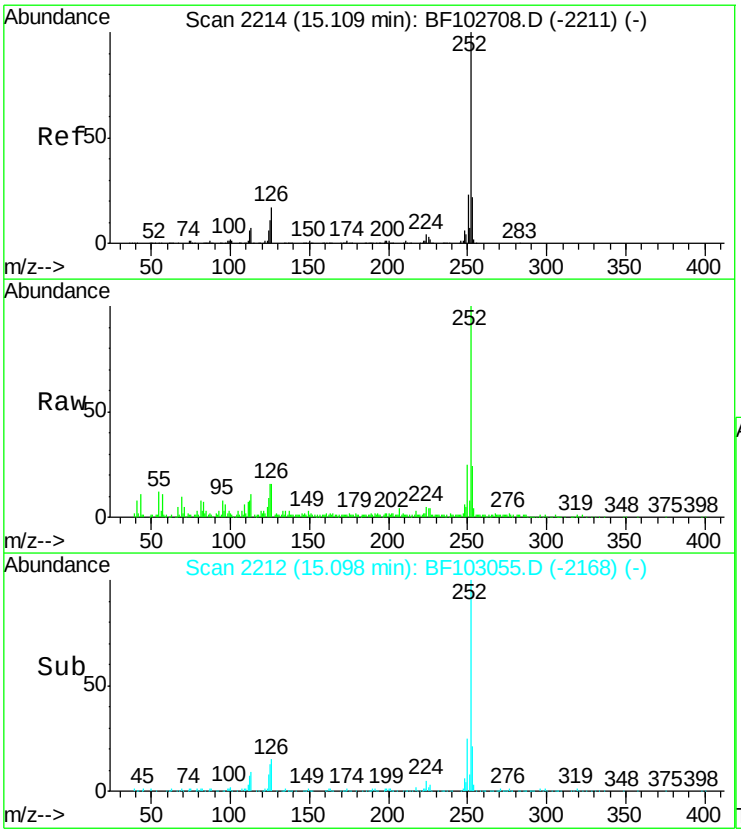
#87
Benzo(b)fluoranthene
Concen: 11.998 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:252 Resp: 215158

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	15.7	9.0	13.6#

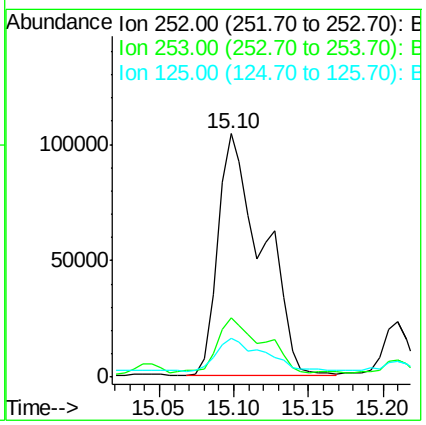


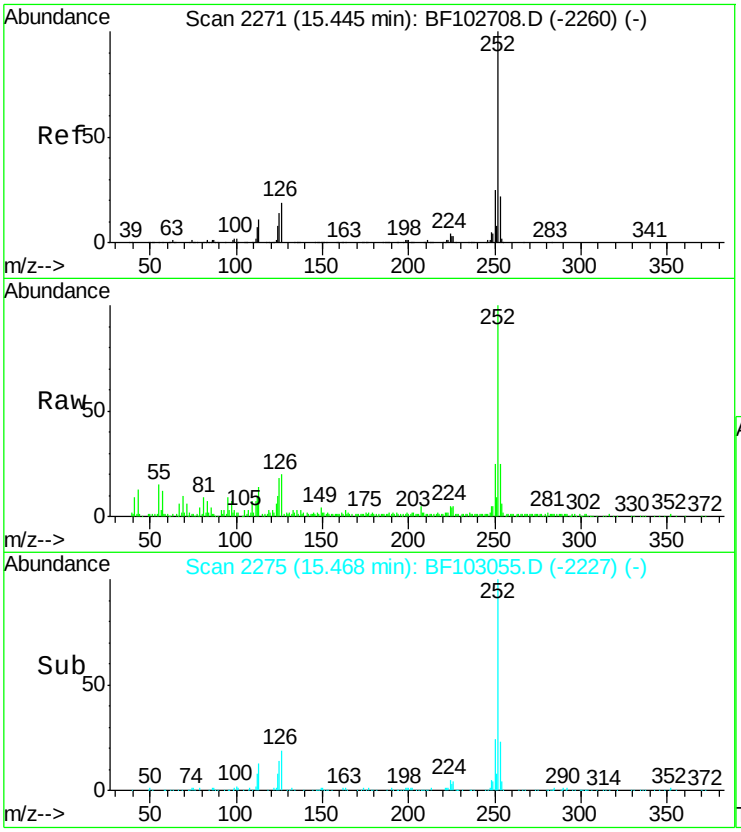


#88
Benzo(k)fluoranthene
Concen: 12.557 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:252 Resp: 215158

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	15.7	10.2	15.2#



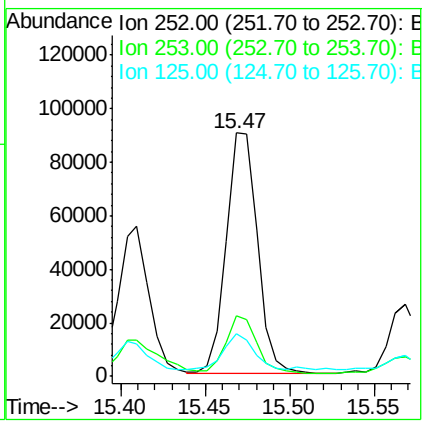


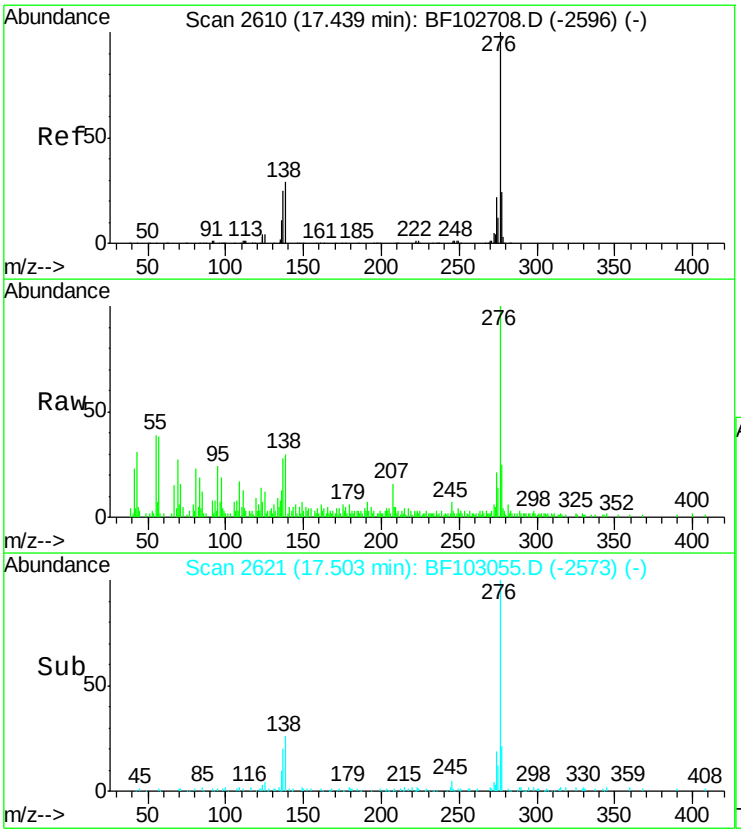
#89
Benzo(a)pyrene
Concen: 7.158 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:252 Resp: 115545

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	17.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.437 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:276 Resp: 56904

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	30.3	21.8	32.8