Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103520.D
Acq On : 8 Mar 2018 16:54
Operator : SJ/JU
Sample : J1748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:51:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143892	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	614594	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	253125	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	377751	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244256	20.00	ng	0.00
86) Perylene-d12	15.56	264	203755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1022708	107.50	ng	0.00
7) Phenol-d6	6.50	99	1221143	104.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	789787	73.39	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166380	77.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	977462	62.35	ng	0.00
78) Terphenyl-d14	12.99	244	625435	61.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2844	Below Cal	#	12
10) Phenol	6.52	94	27420	2.029	ng	# 14
19) n-Nitroso-di-n-propylamine	7.43	70	106686	14.725	ng	# 79
25) Isophorone	7.43	82	789787	37.262	ng	# 64
32) Benzoic acid	8.03	122	108	6.928	ng	# 1
49) Dimethylphthalate	9.62	163	77075	3.796	ng	99
56) 2,4-Dinitrotoluene	9.90	165	37806	7.015	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	708	5.222	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11776	2.993	ng	# 1
74) Fluoranthene	12.63	202	45105	2.159	ng	85
77) Pyrene	12.87	202	46757	2.455	ng	94
87) Benzo(b)fluoranthene	15.12	252	28586	2.134	ng	# 47
88) Benzo(k)fluoranthene	15.12	252	28586	2.266	ng	# 50

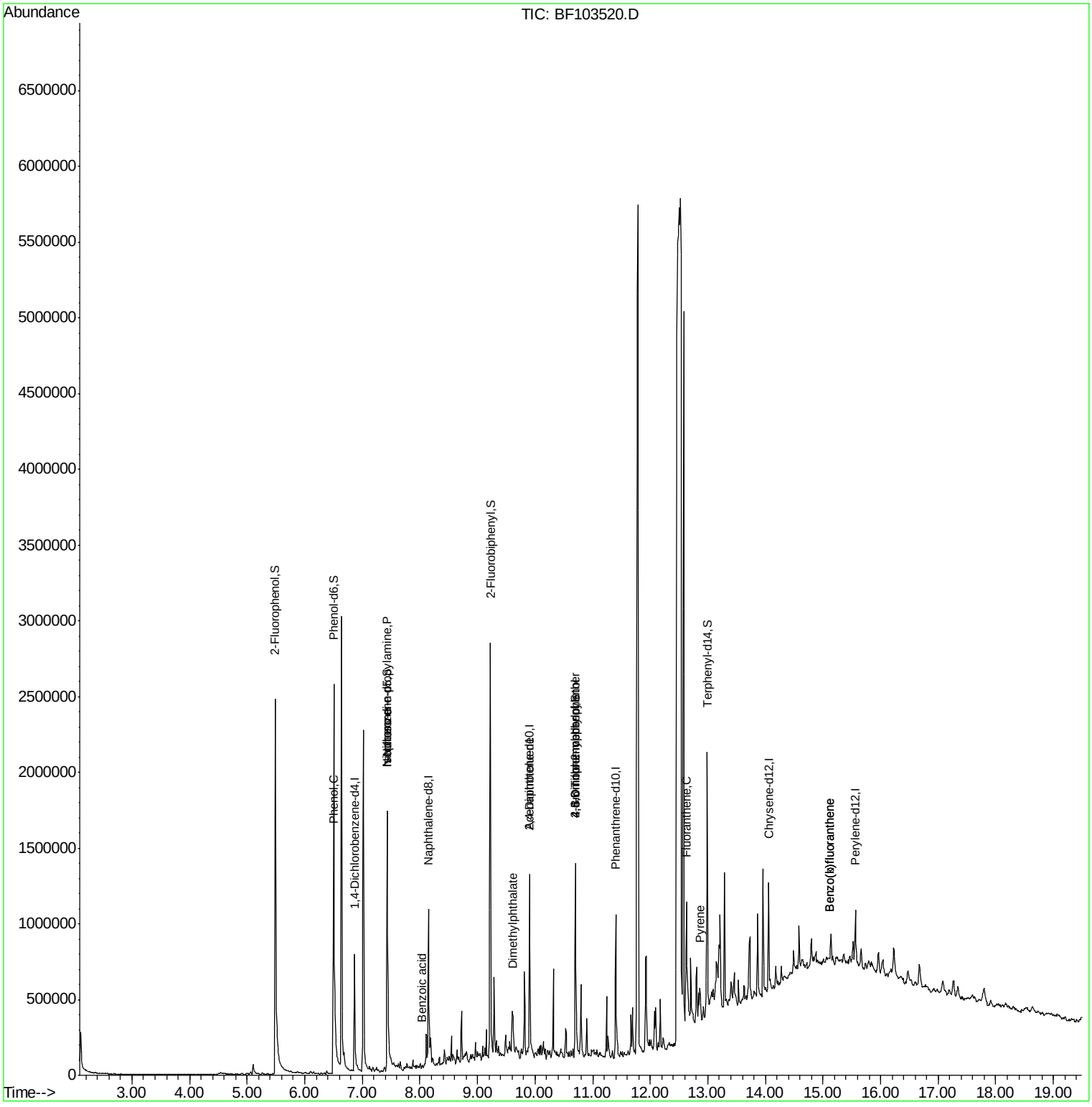
(#) = qualifier out of range (m) = manual integration (+) = signals summed

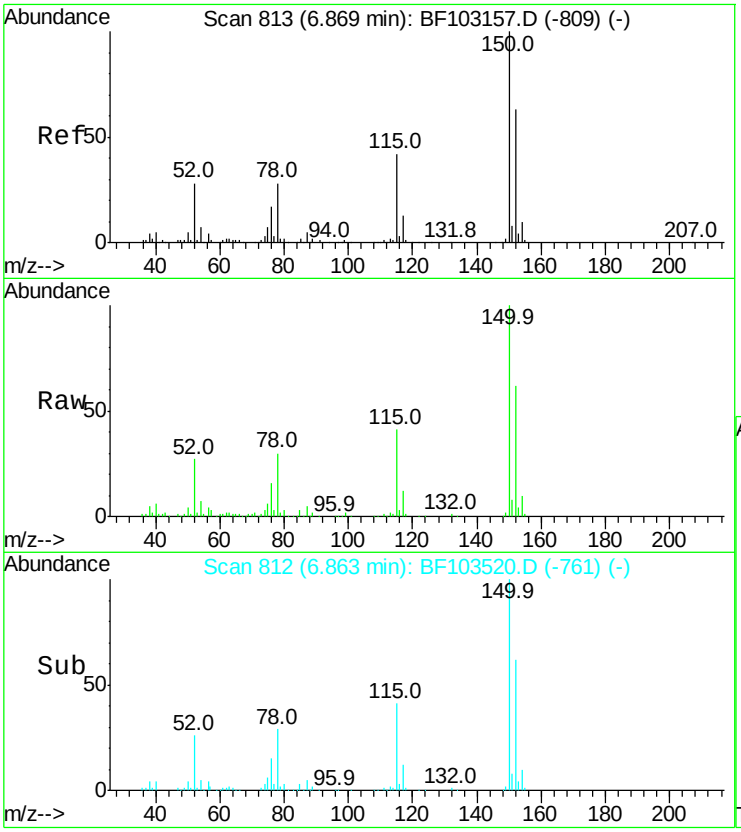
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103520.D
Acq On : 8 Mar 2018 16:54
Operator : SJ/JU
Sample : J1748-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:51:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



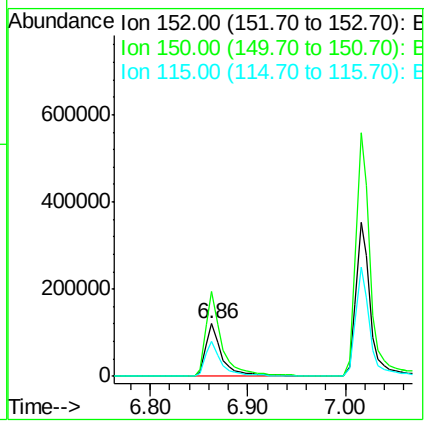


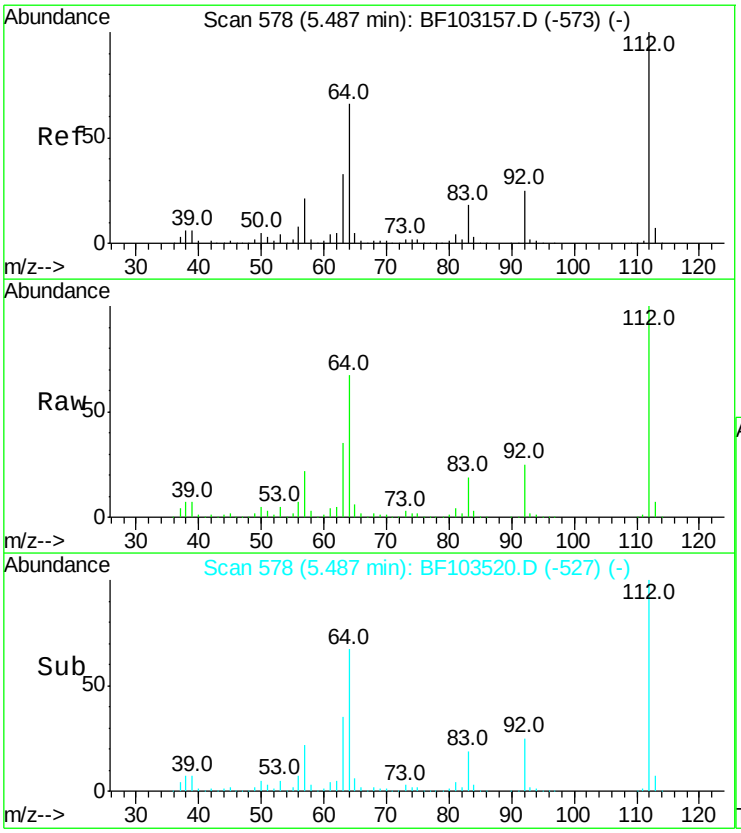
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143892

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	65.9	50.1	75.1

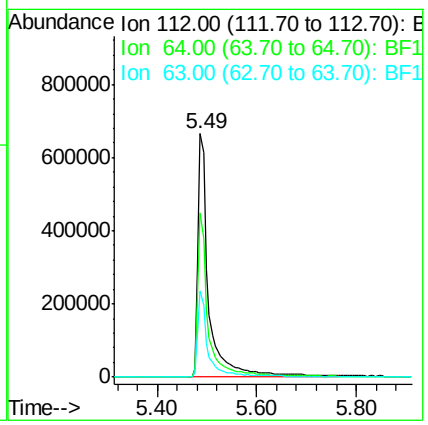


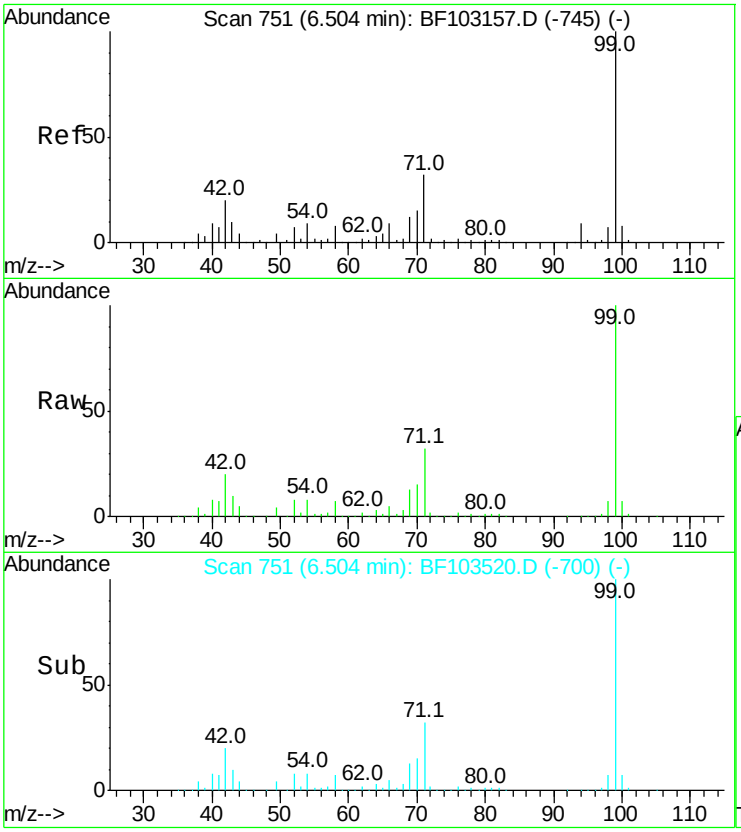


#5
2-Fluorophenol
Concen: 107.495 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:112 Resp: 1022708

Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.4	23.7	35.5



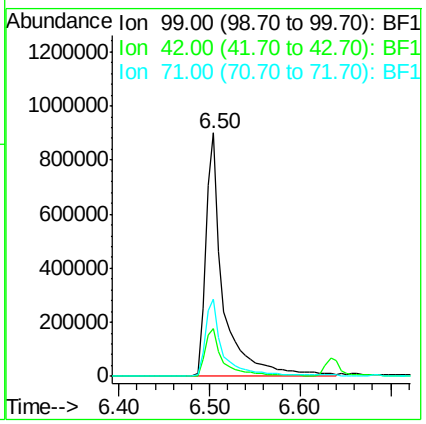


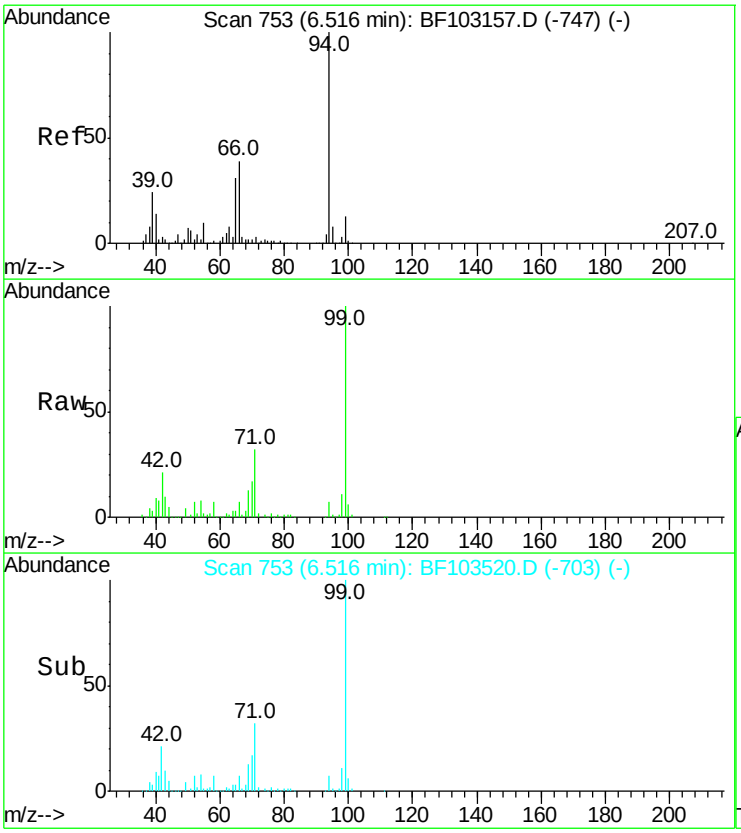
#7
Phenol-d6
Concen: 104.893 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1221143

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.9	25.4	38.0

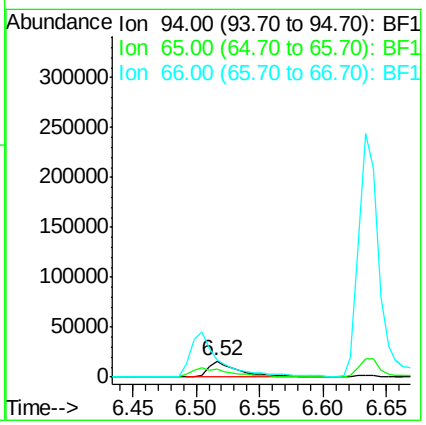


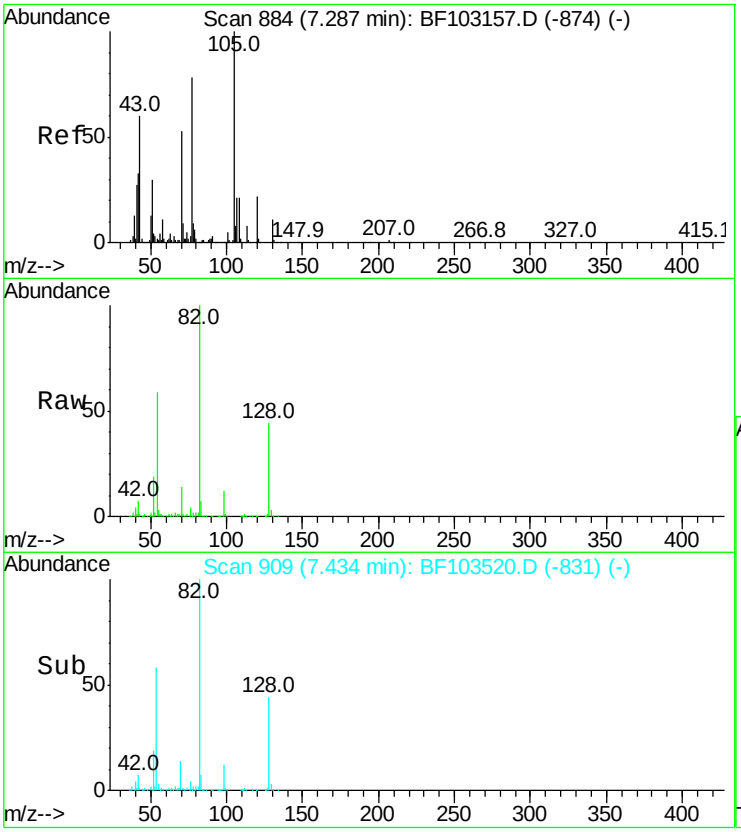


#10
Phenol
Concen: 2.029 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion: 94 Resp: 27420

Ion	Ratio	Lower	Upper
94	100		
65	48.6	7.9	47.9#
66	107.9	16.2	56.2#



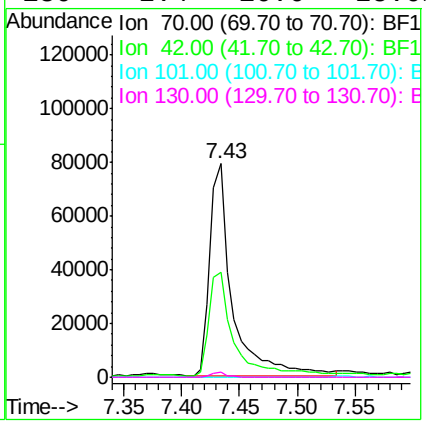


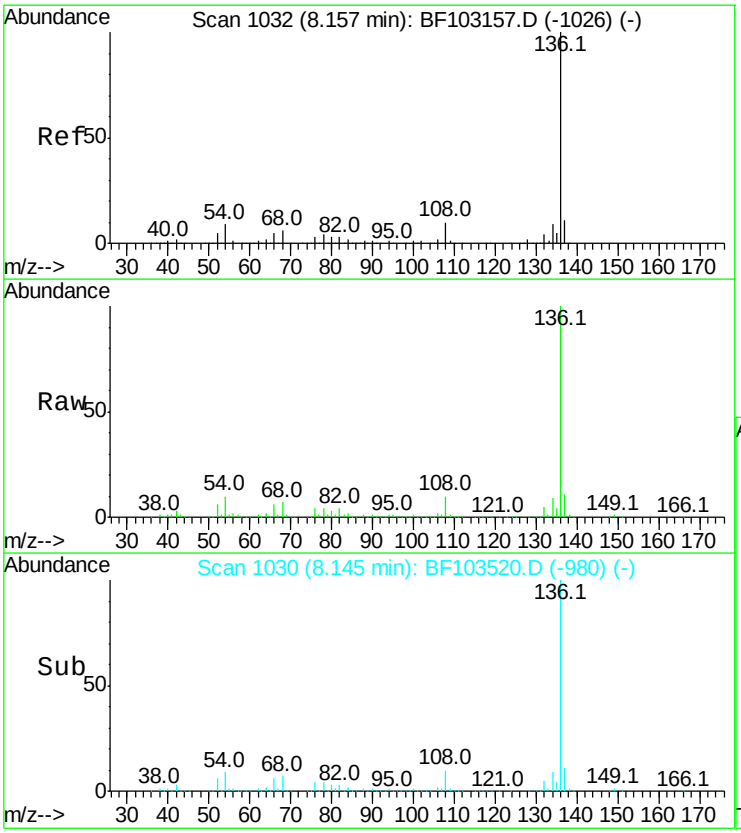
#19
n-Nitroso-di-n-propylamine
Concen: 14.725 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 106686

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

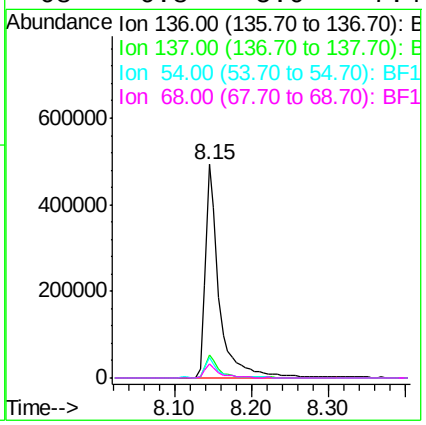


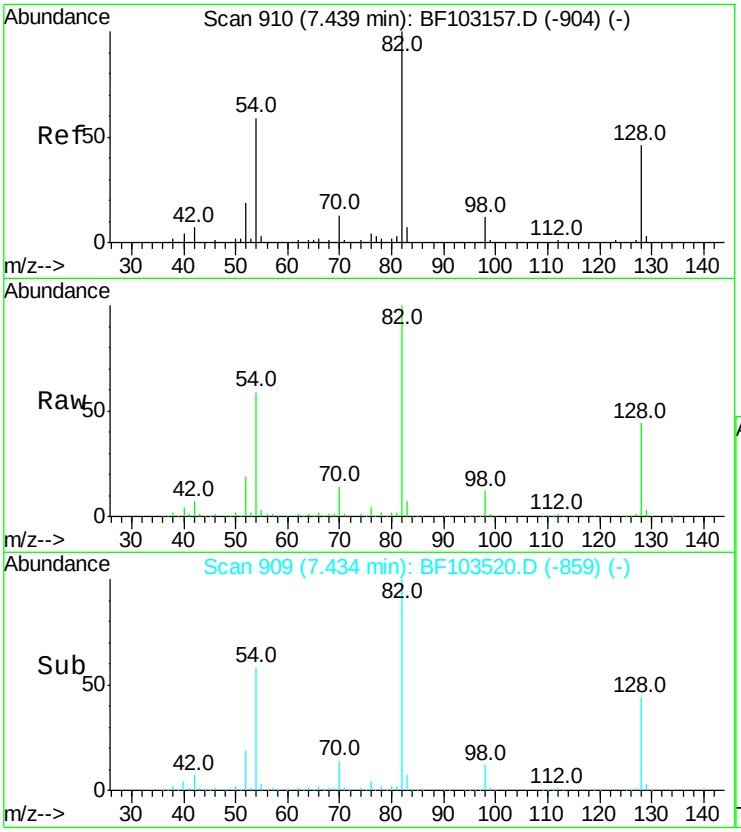


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:136 Resp: 614594

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4



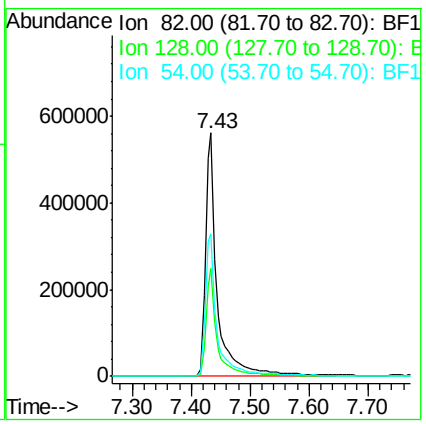


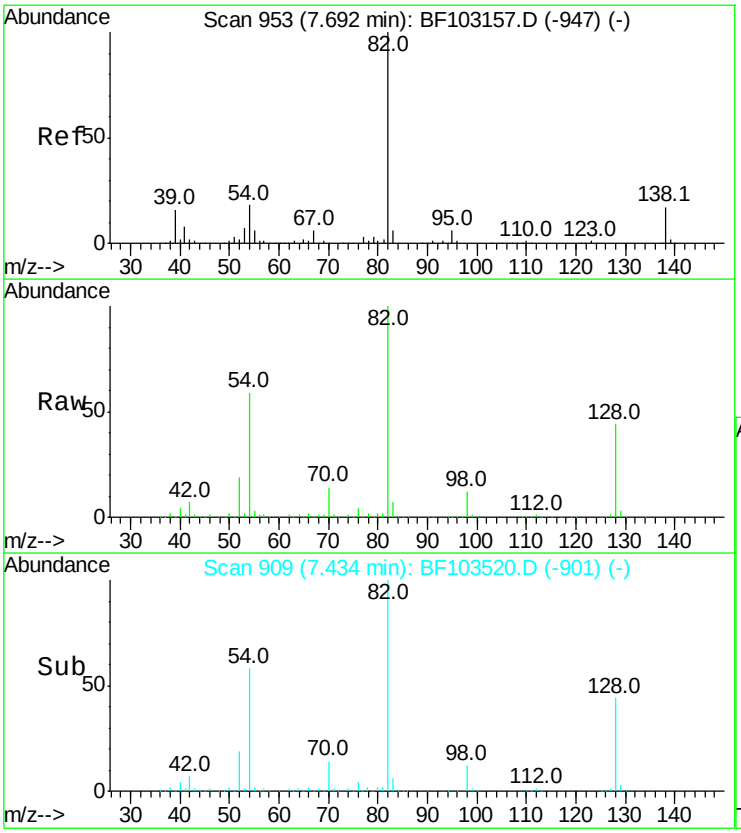
#23
Nitrobenzene-d5
Concen: 73.387 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 789787

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	58.5	41.4	62.2

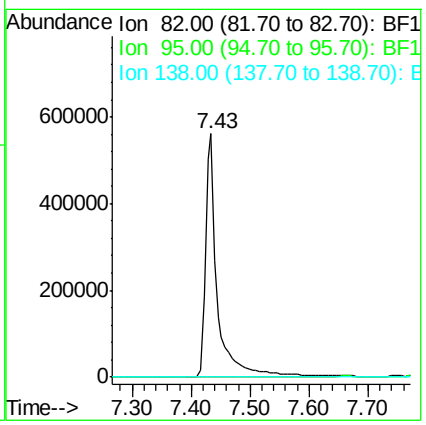


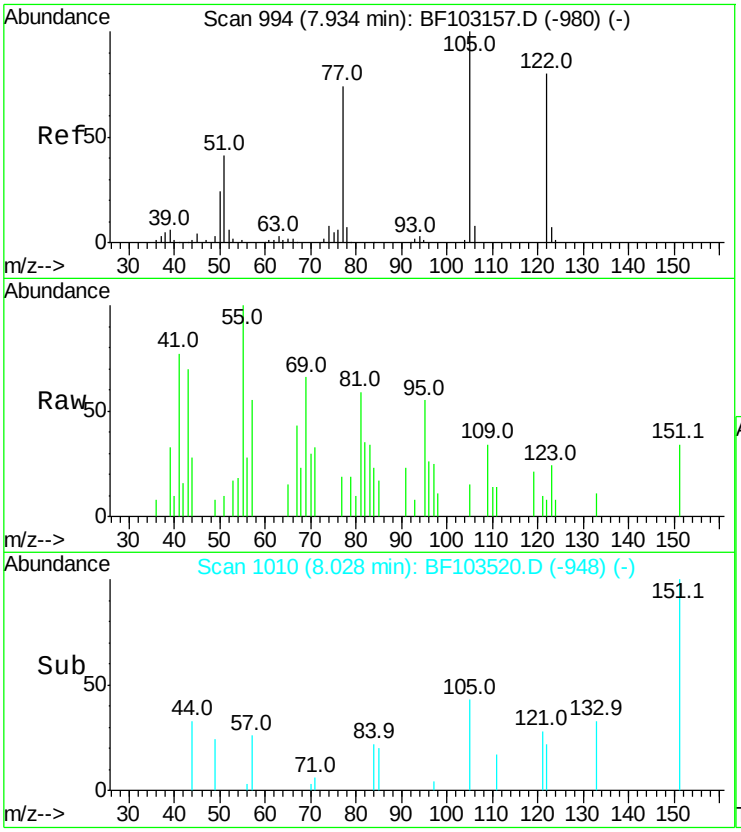


#25
Isophorone
Concen: 37.262 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion: 82 Resp: 789787

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



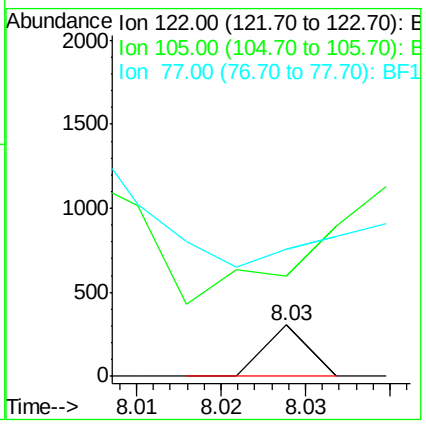


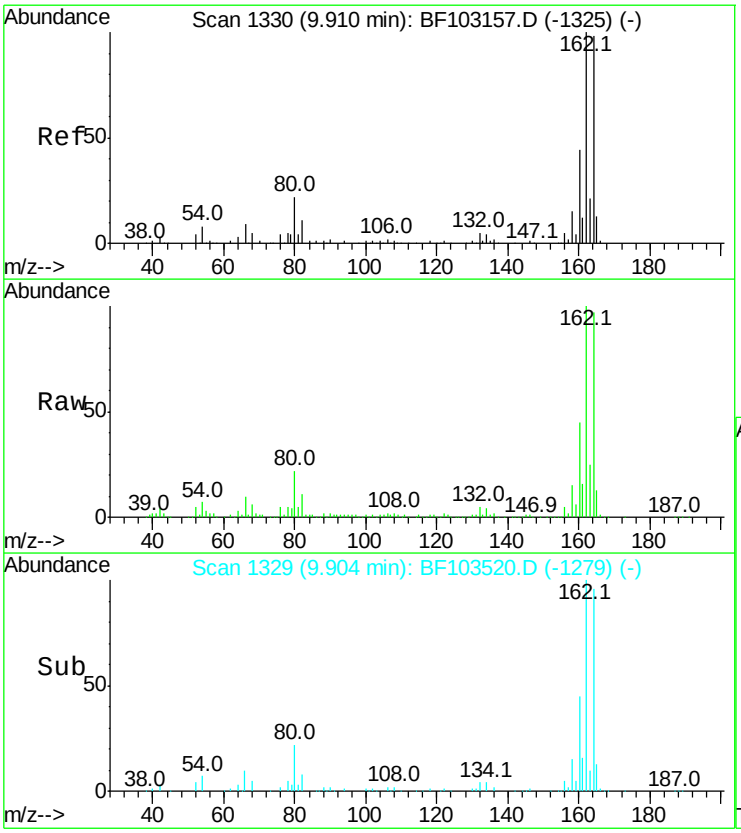
#32
Benzoic acid
Concen: 6.928 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.06 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	194.8	101.1	141.1#
77	247.9	70.7	110.7#

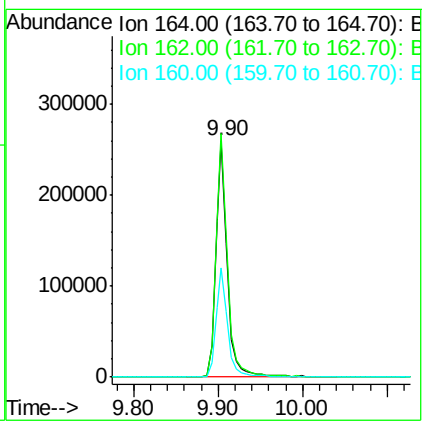


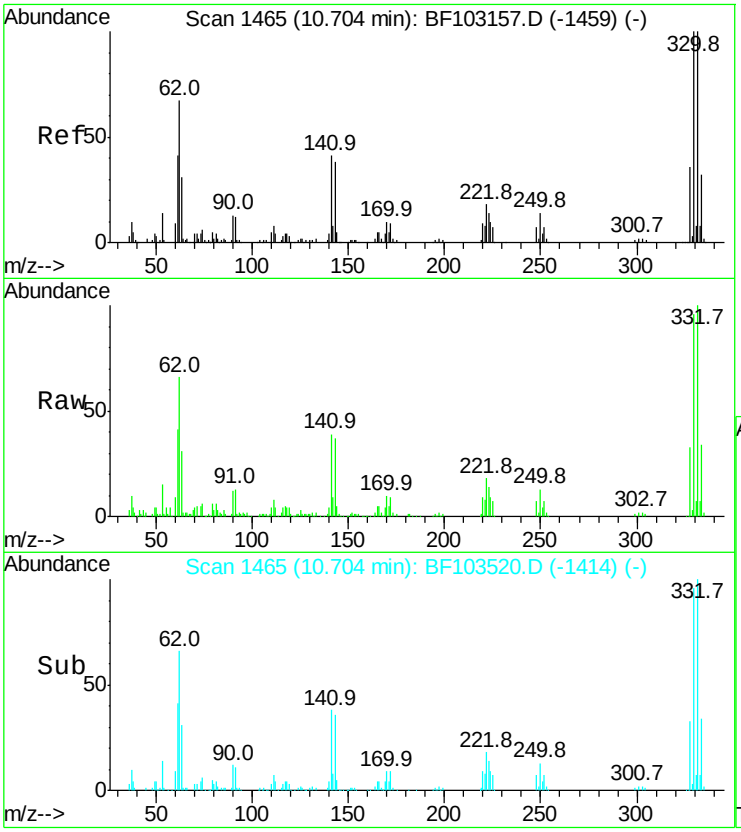


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:164 Resp: 253125

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.4	38.3	57.5



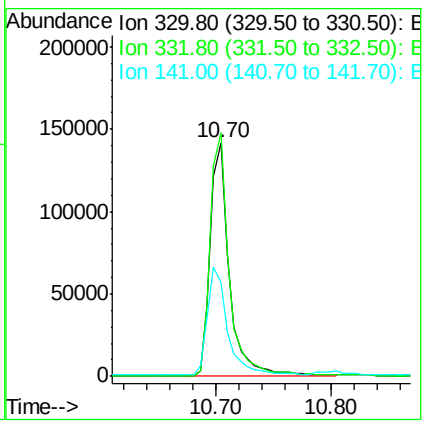


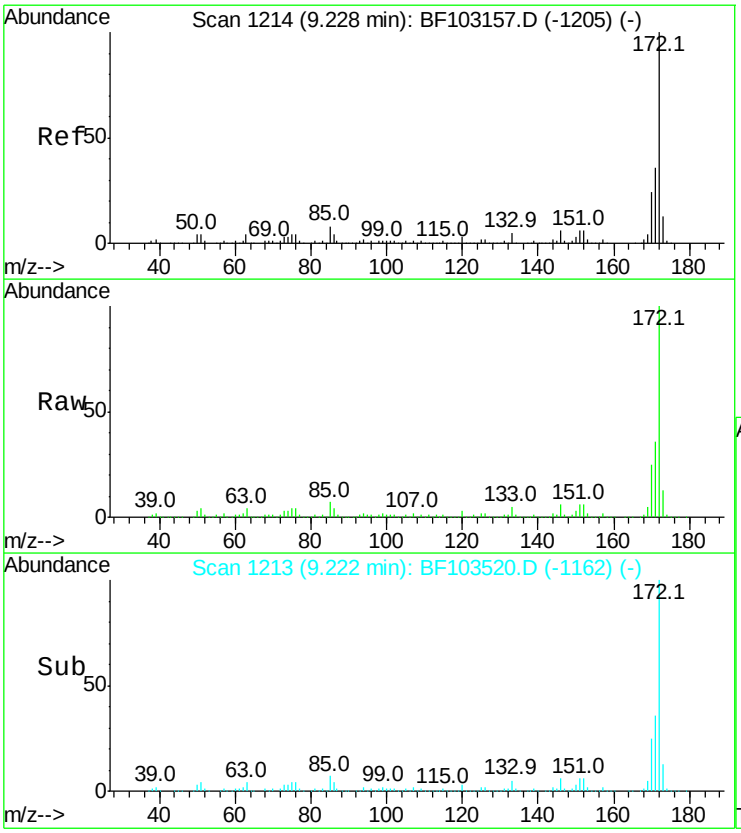
#41
2,4,6-Tribromophenol
Concen: 77.655 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 166380

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	48.4	29.9	44.9#

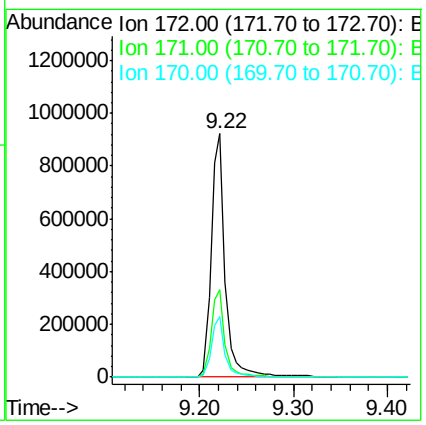


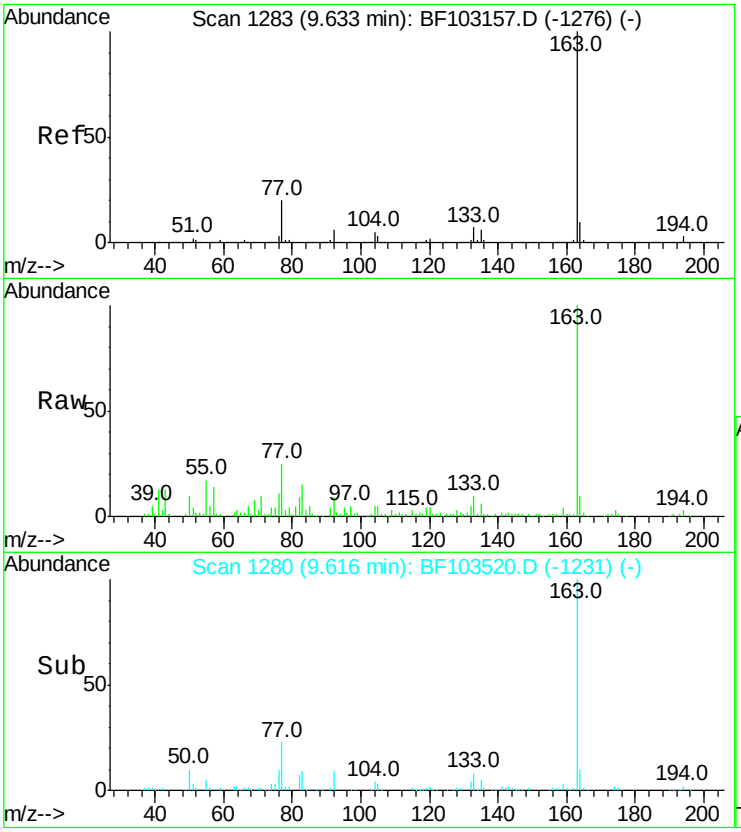


#44
2-Fluorobiphenyl
Concen: 62.346 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:172 Resp: 977462

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	25.1	19.6	29.4



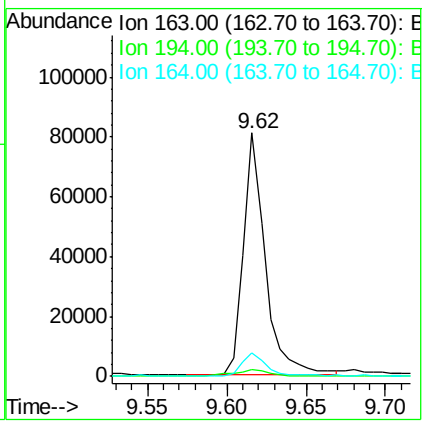


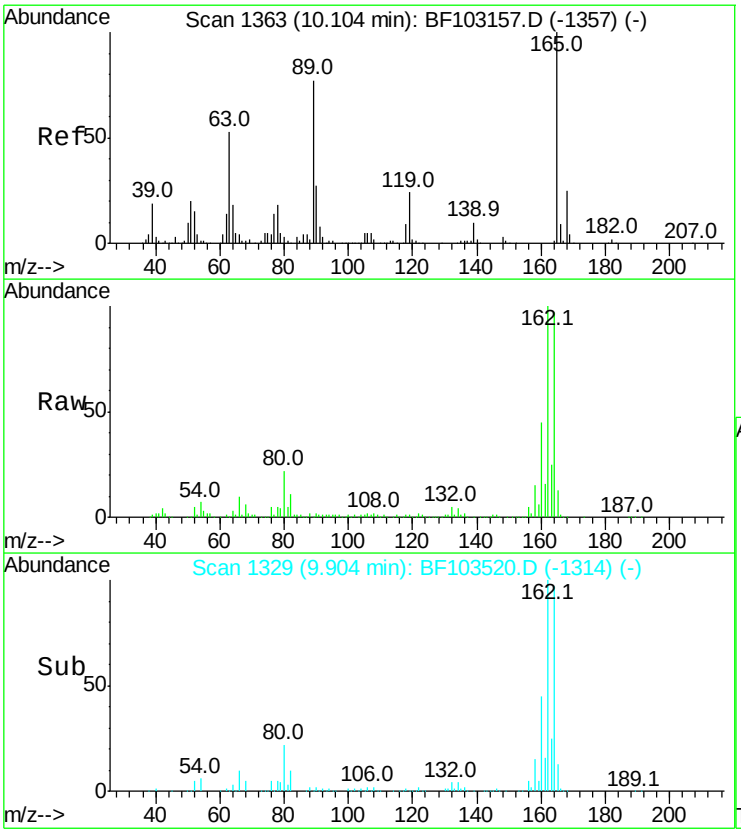
#49
Dimethylphthalate
Concen: 3.796 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 77075

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2

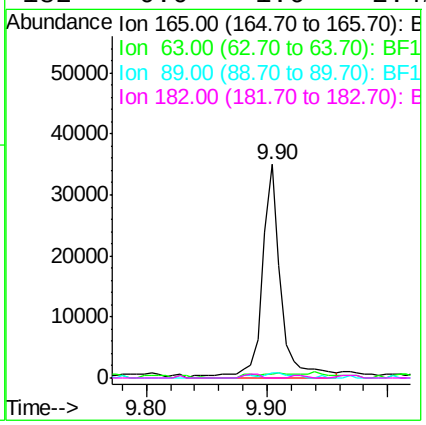


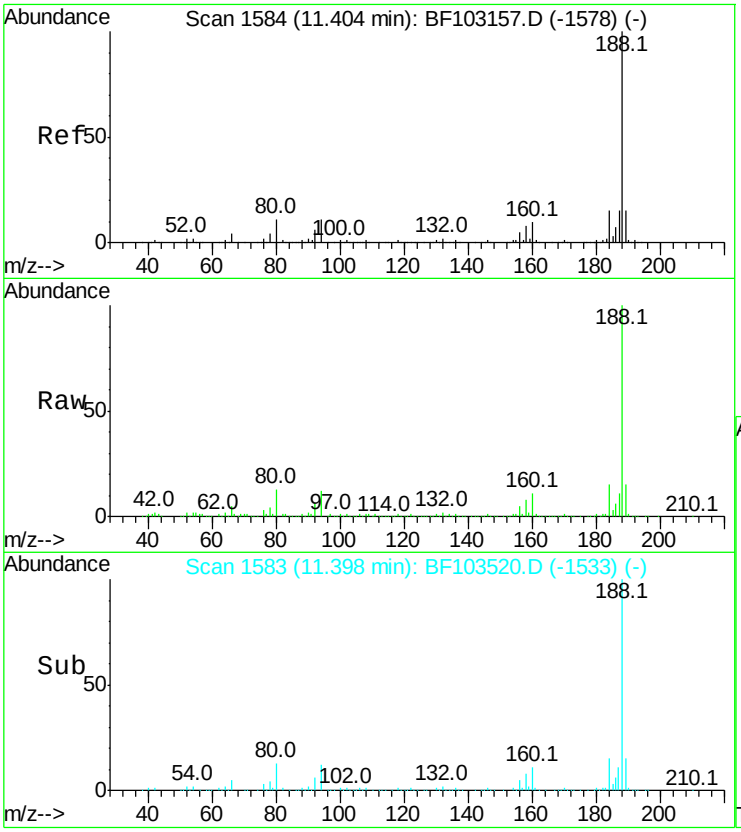


#56
2,4-Dinitrotoluene
Concen: 7.015 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:165 Resp: 37806

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



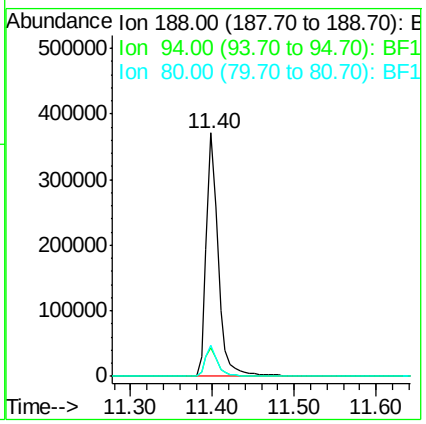


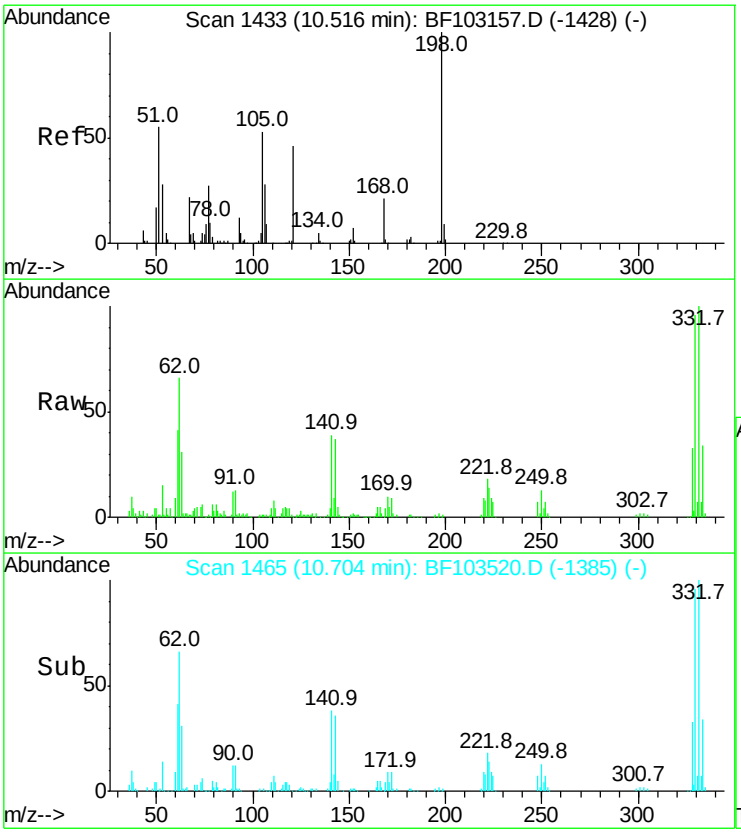
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 377751

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.0	9.2	13.8

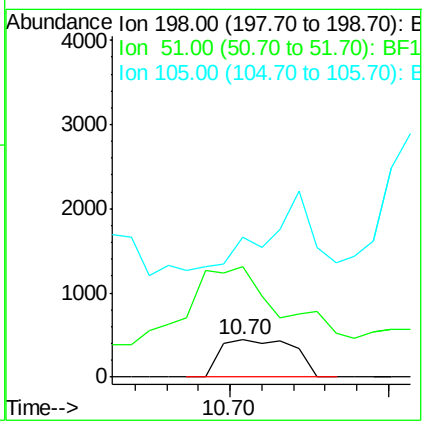


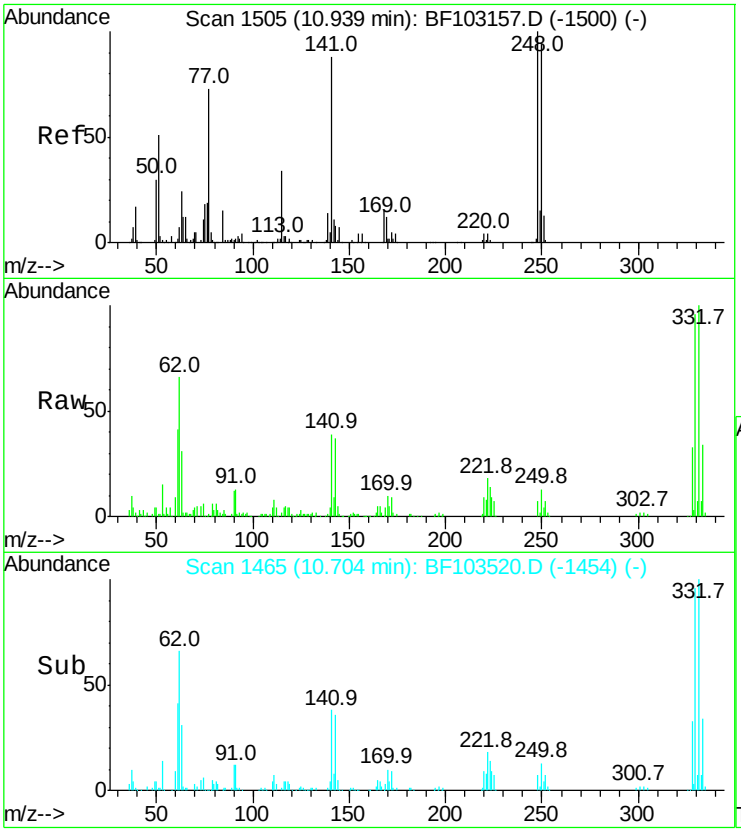


#64
4,6-Dinitro-2-methylphenol
Concen: 5.222 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:198 Resp: 708

Ion	Ratio	Lower	Upper
198	100		
51	298.2	37.7	77.7#
105	377.6	36.3	76.3#



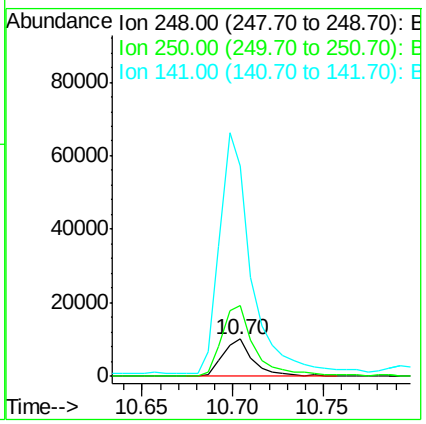


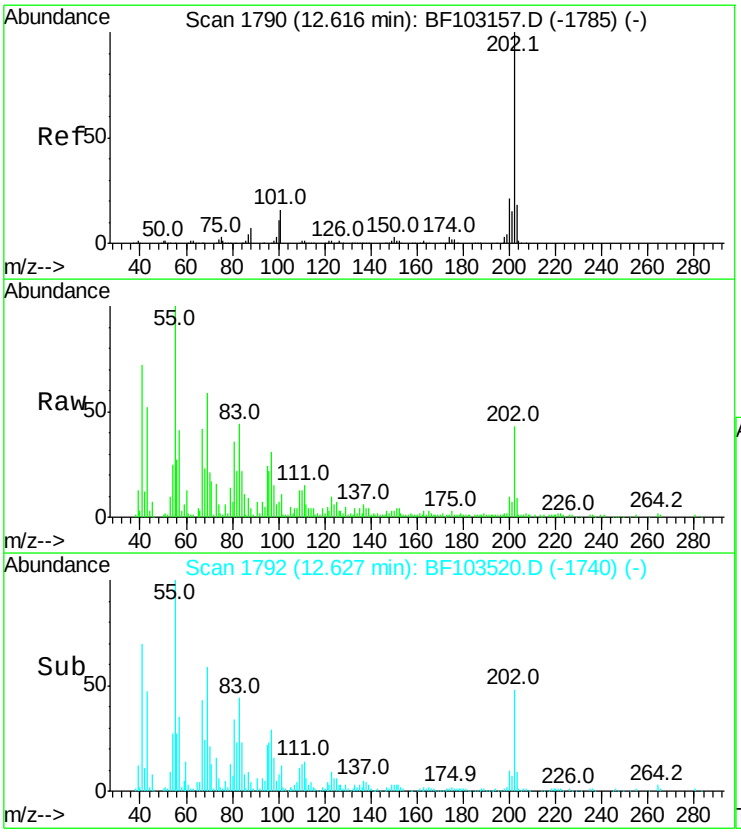
#66
4-Bromophenyl-phenylether
Concen: 2.993 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11776

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	563.9	74.4	111.6#

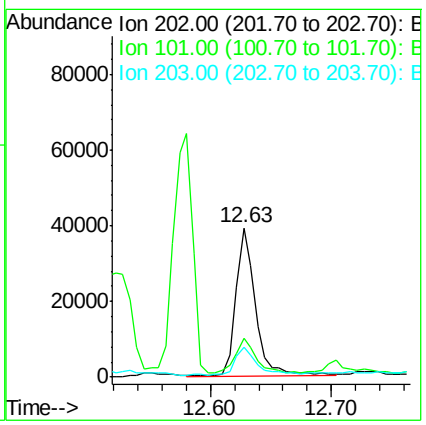


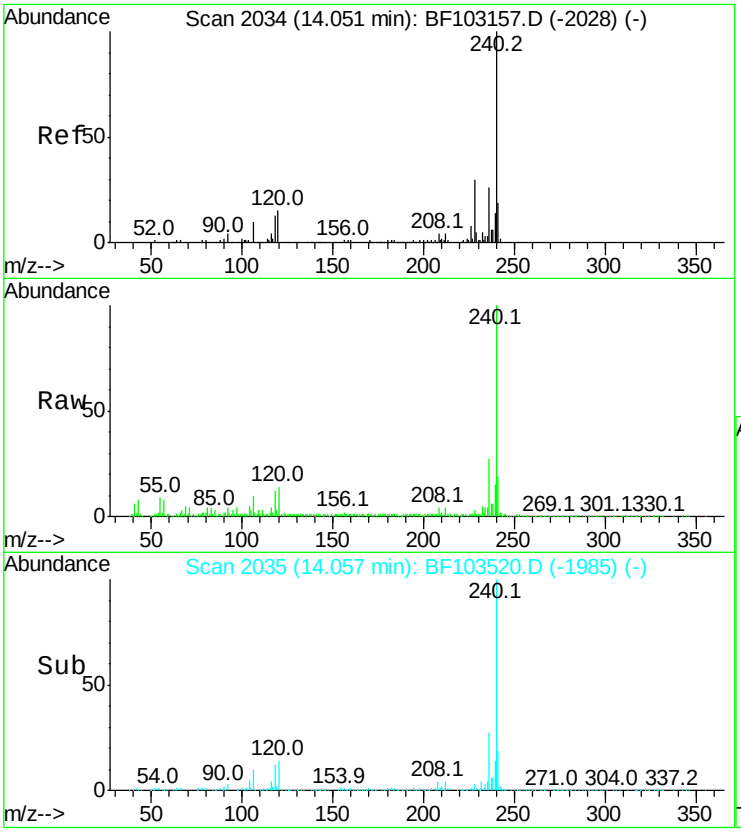


#74
Fluoranthene
Concen: 2.159 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:202 Resp: 45105

Ion	Ratio	Lower	Upper
202	100		
101	25.7	0.0	34.1
203	19.9	0.0	38.1



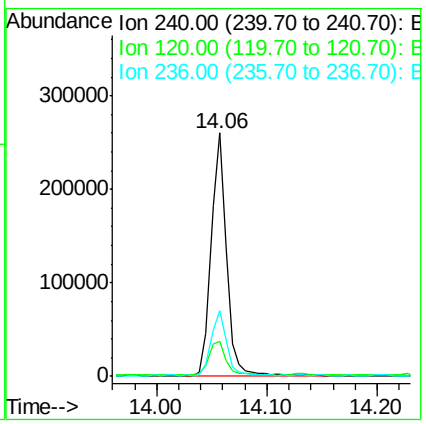


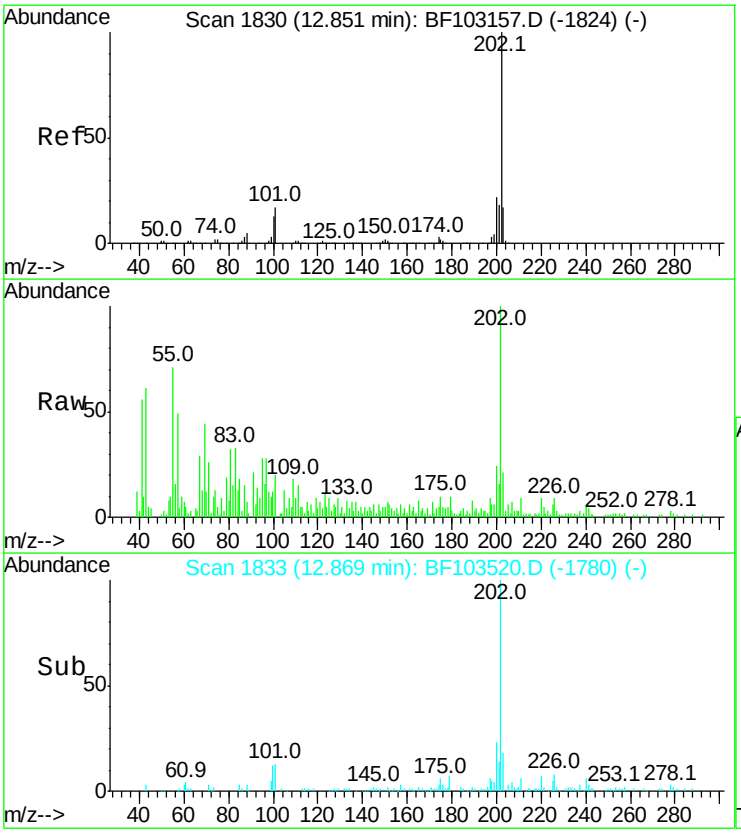
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 244256

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	26.8	20.7	31.1

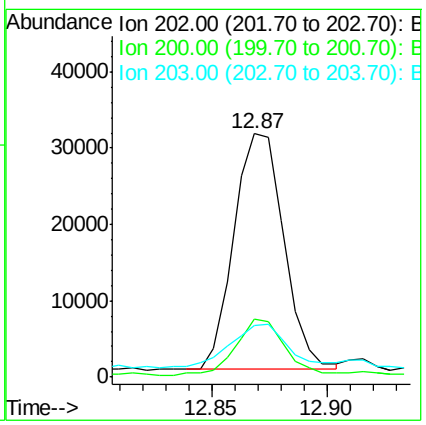


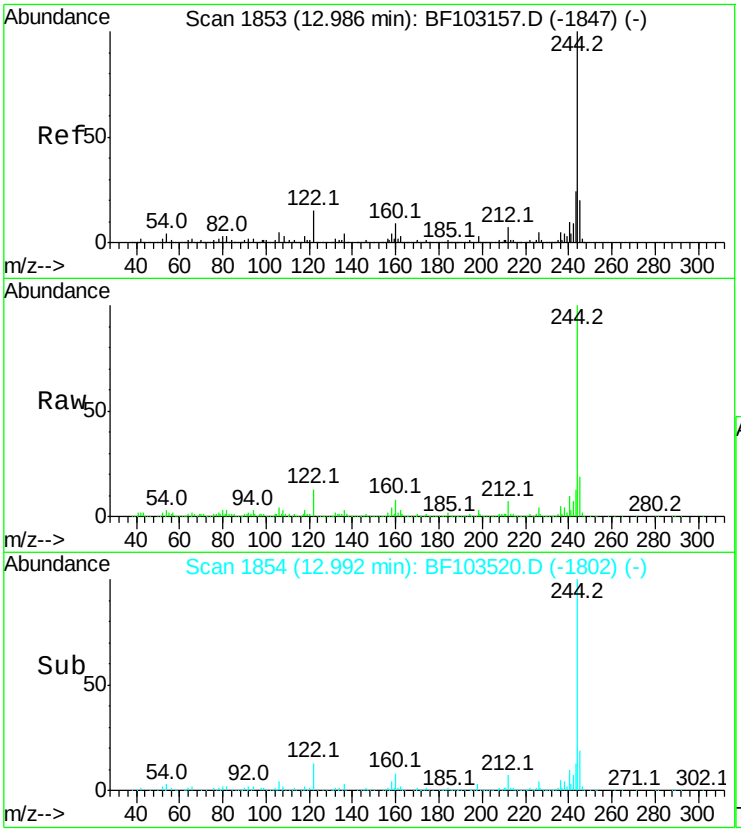


#77
Pyrene
Concen: 2.455 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:202 Resp: 46757

Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.4	26.2
203	21.3	14.3	21.5



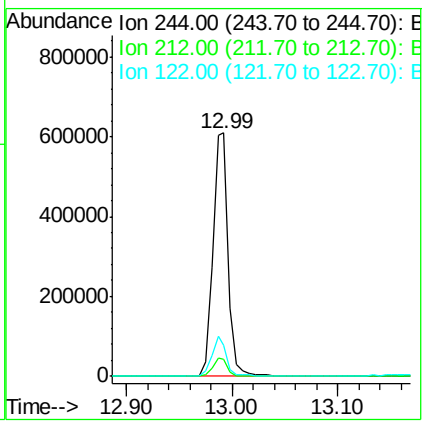


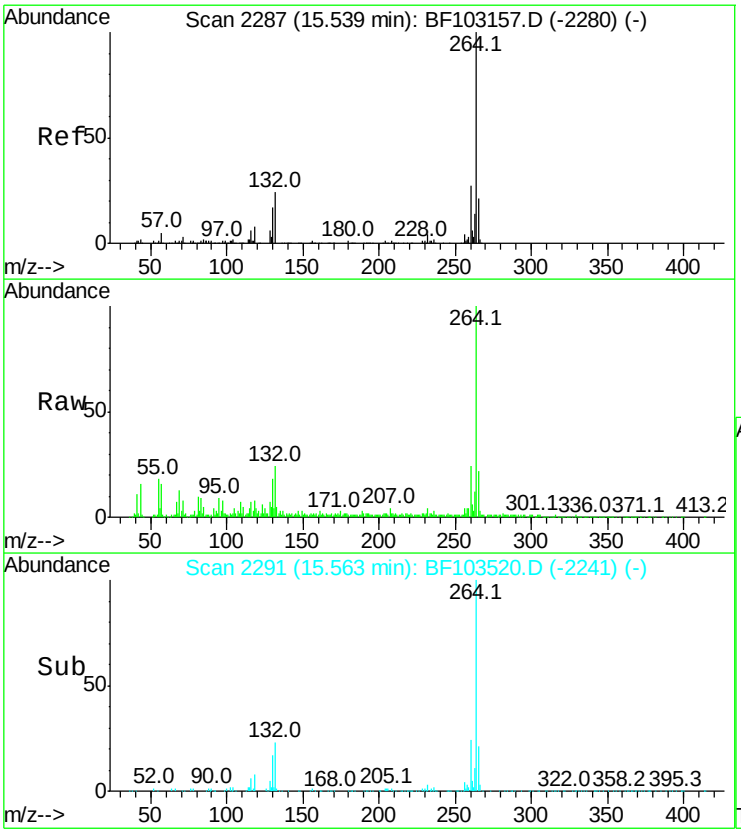
#78
Terphenyl-d14
Concen: 61.553 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 625435

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.9	11.0	16.4

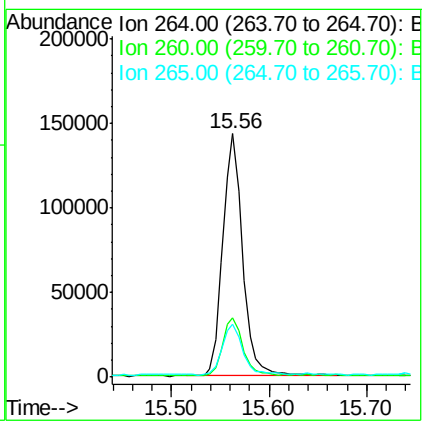


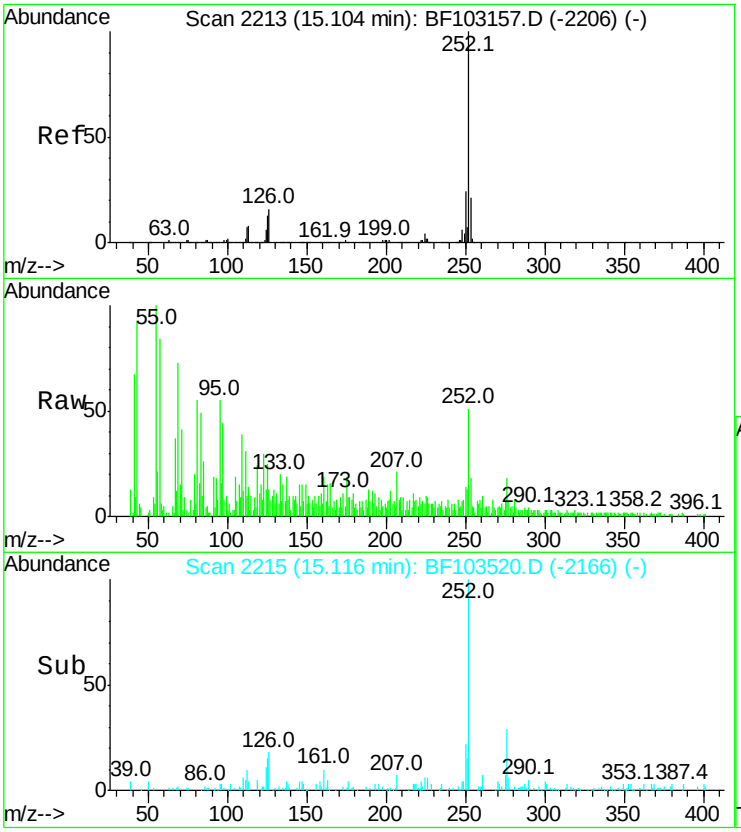


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:264 Resp: 203755

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3



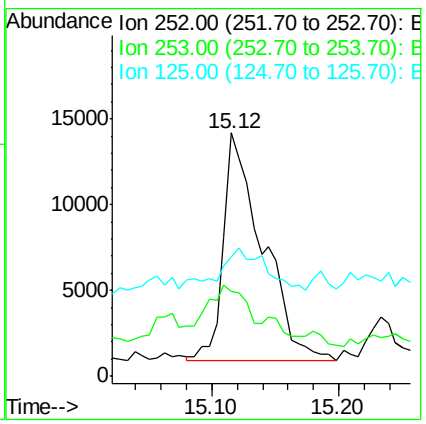


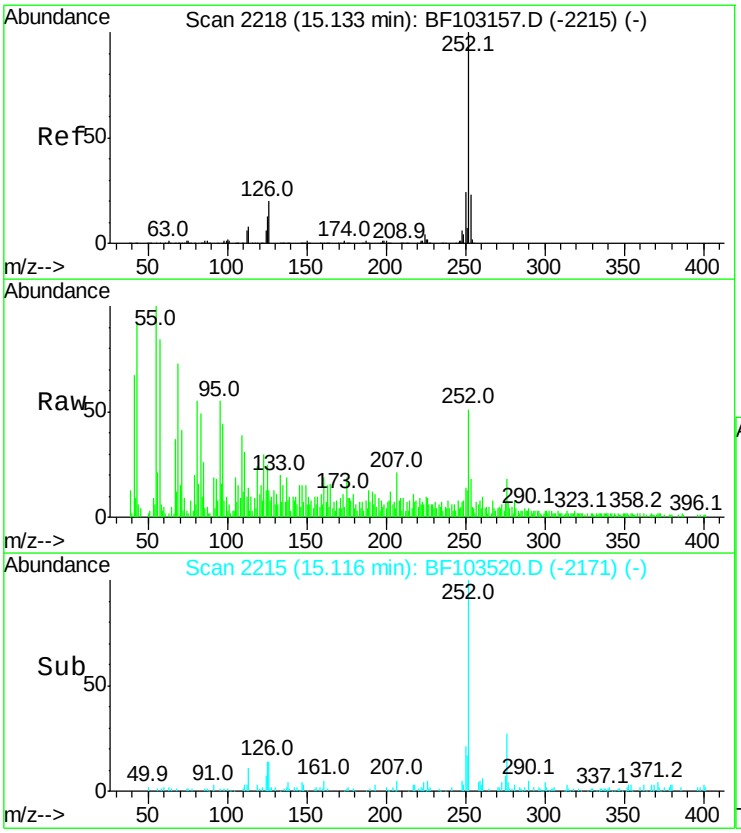
#87
Benzo(b)fluoranthene
Concen: 2.134 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28586

Ion	Ratio	Lower	Upper
252	100		
253	34.8	17.0	25.6#
125	49.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.266 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103520.D
Acq: 8 Mar 2018 16:54

Tgt Ion:252 Resp: 28586

Ion	Ratio	Lower	Upper
252	100		
253	34.8	17.9	26.9#
125	49.3	10.2	15.2#