Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103521.D
Acq On : 8 Mar 2018 17:21
Operator : SJ/JU
Sample : J1748-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:51:44 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	151573	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	628347	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	253839	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	378762	20.00	ng		0.00
75) Chrysene-d12	14.06	240	241380	20.00	ng		0.00
86) Perylene-d12	15.56	264	190273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	922695	92.07	ng		0.00
7) Phenol-d6	6.50	99	1154401	94.14	ng		0.00
23) Nitrobenzene-d5	7.43	82	767378	69.74	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	159187	74.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	913673	57.22	ng		0.00
78) Terphenyl-d14	12.99	244	584076	58.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2572	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	102461	13.425	ng	#	83
25) Isophorone	7.43	82	767378	35.412	ng	#	64
32) Benzoic acid	7.99	122	228	6.944	ng		84
56) 2,4-Dinitrotoluene	9.90	165	33726	6.240	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	303	5.063	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11224	2.845	ng	#	1
70) Phenanthrene	11.43	178	91017	4.366	ng		98
71) Anthracene	11.43	178	91017	4.258	ng		99
73) Di-n-butylphthalate	11.95	149	151748	5.697	ng		98
74) Fluoranthene	12.62	202	118014	5.634	ng		97
77) Pyrene	12.86	202	114055	6.060	ng		99
80) Benzo(a)anthracene	14.08	228	57911	3.698	ng		93
82) Chrysene	14.08	228	57911	3.808	ng		97
87) Benzo(b)fluoranthene	15.12	252	50821	4.062	ng	#	68
88) Benzo(k)fluoranthene	15.12	252	50821	4.314	ng	#	71

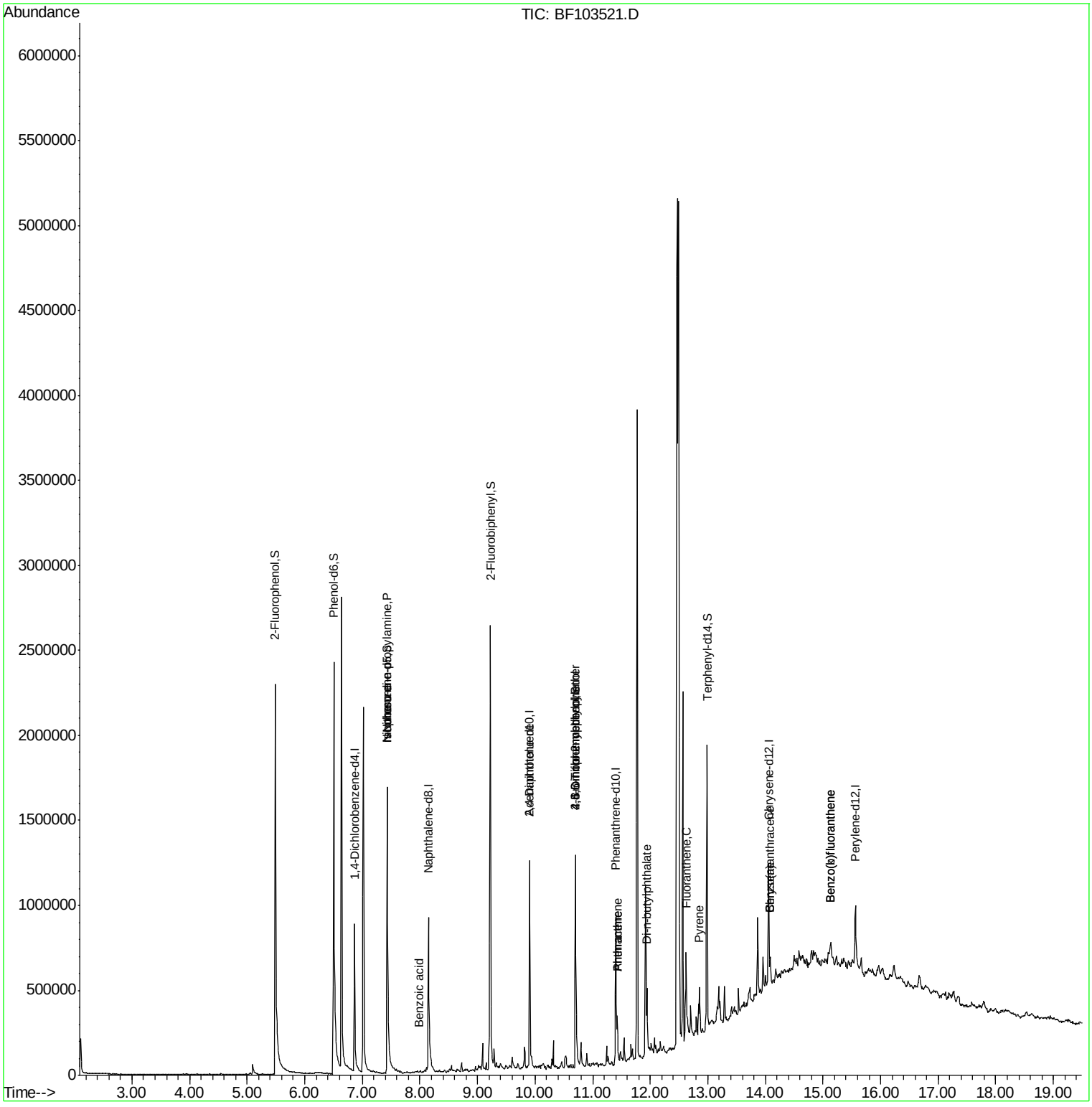
(#) = qualifier out of range (m) = manual integration (+) = signals summed

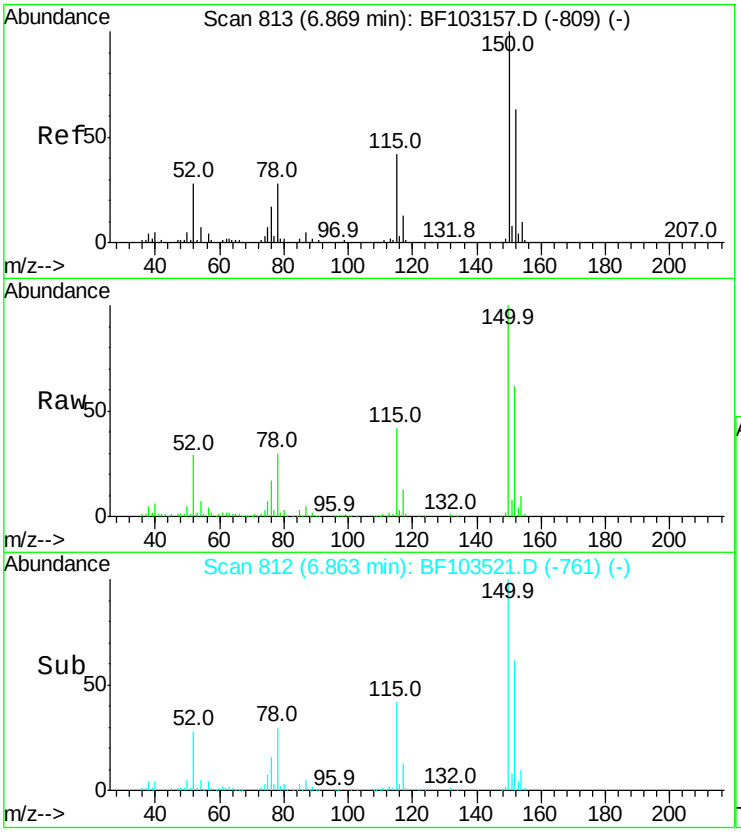
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103521.D
Acq On : 8 Mar 2018 17:21
Operator : SJ/JU
Sample : J1748-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:51:44 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



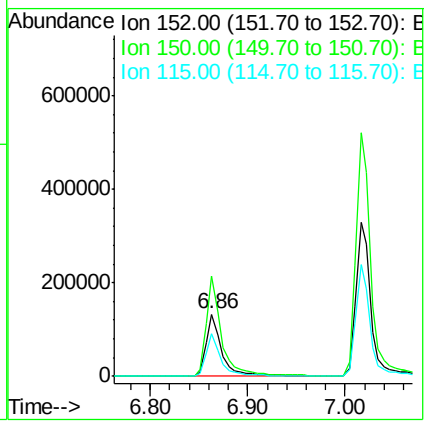


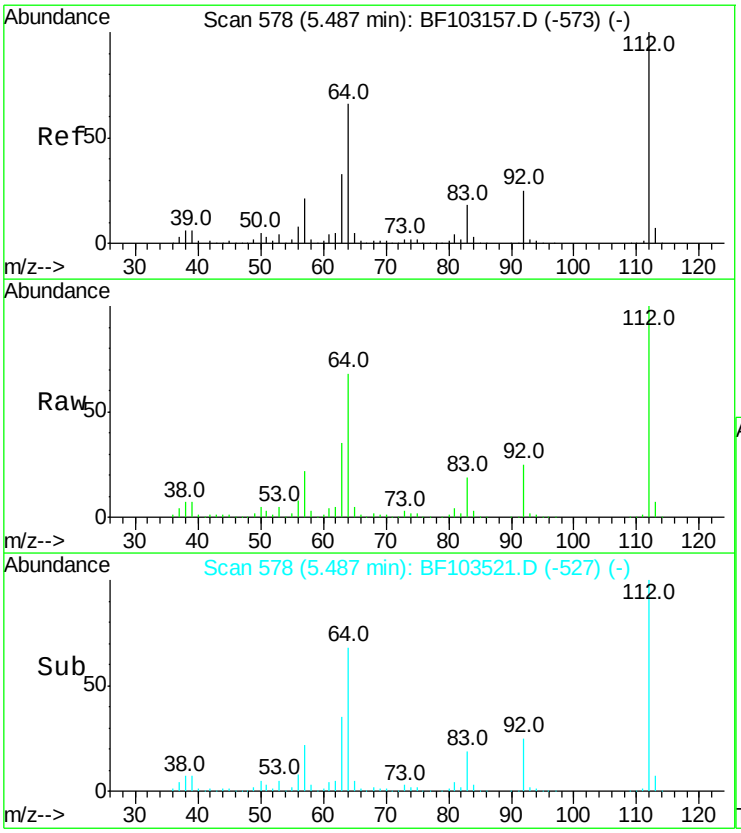
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151573

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	67.6	50.1	75.1

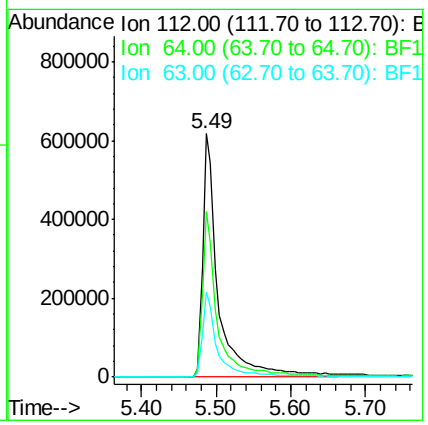


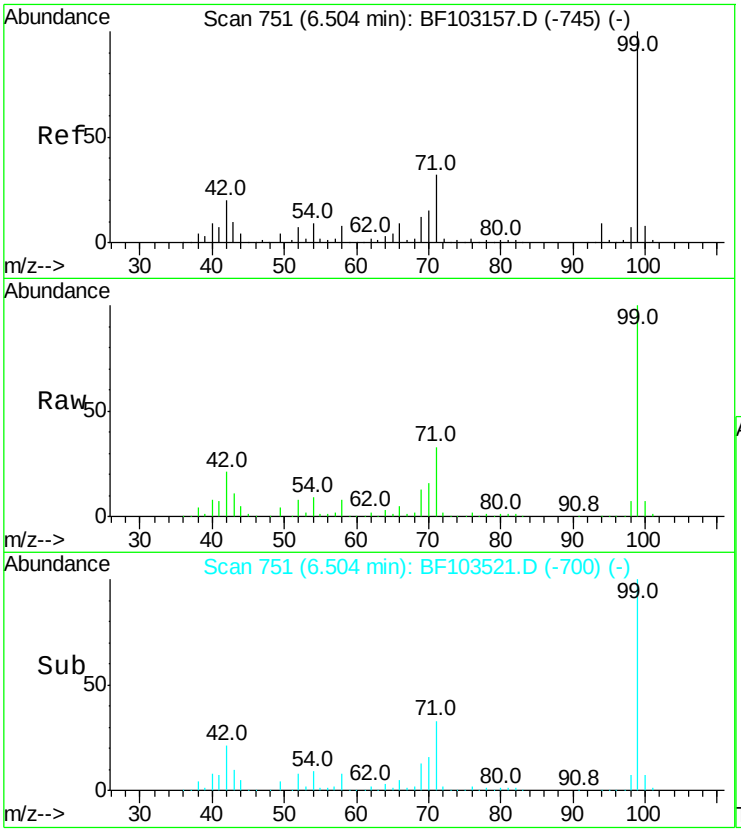


#5
2-Fluorophenol
Concen: 92.069 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:112 Resp: 922695

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	34.7	23.7	35.5



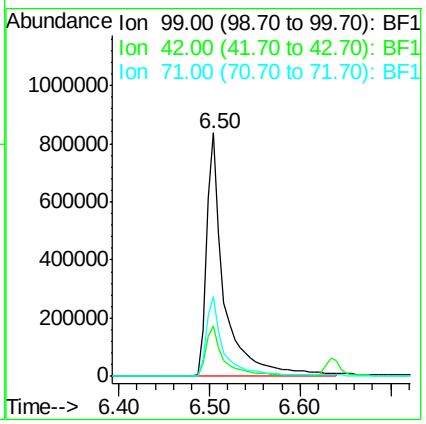


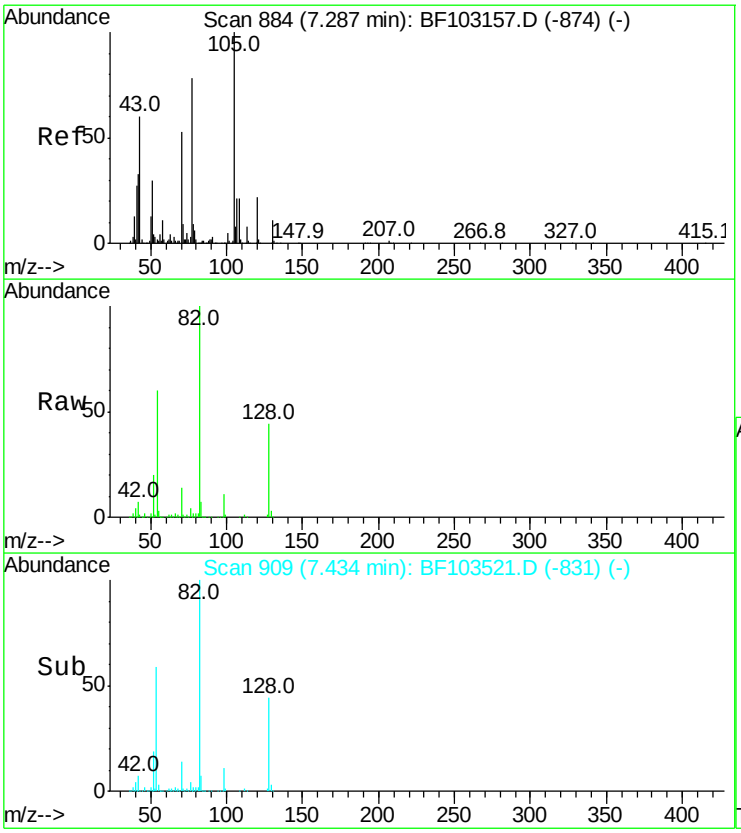
#7
Phenol-d6
Concen: 94.135 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1154401

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	32.6	25.4	38.0

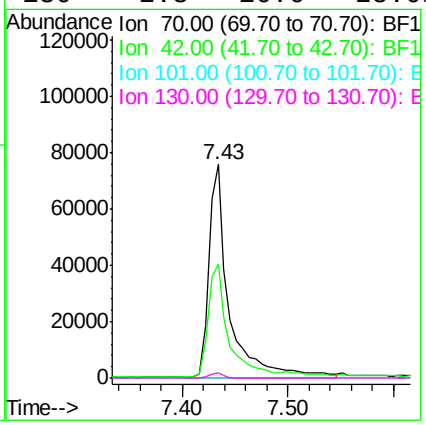


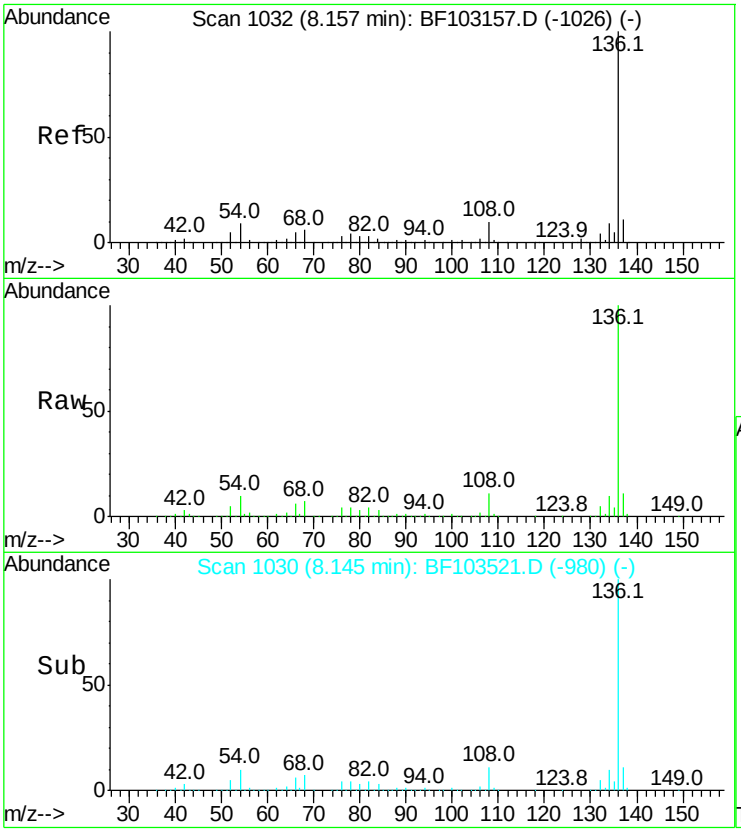


#19
n-Nitroso-di-n-propylamine
Concen: 13.425 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion: 70 Resp: 102461

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



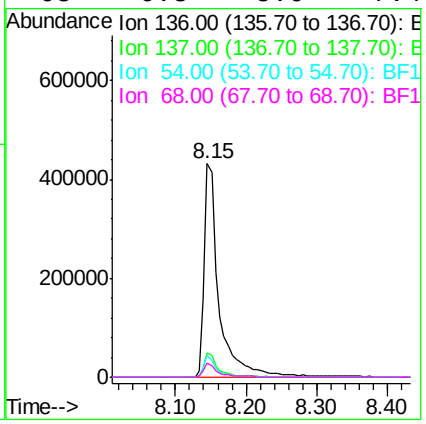


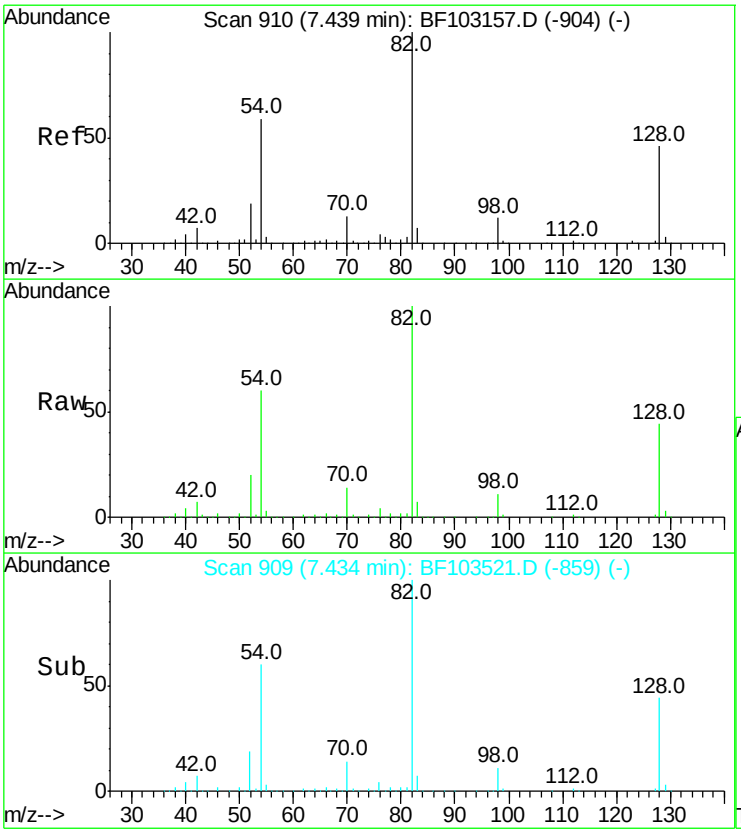
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 628347

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.1	6.6	9.8#
68	6.8	5.0	7.4

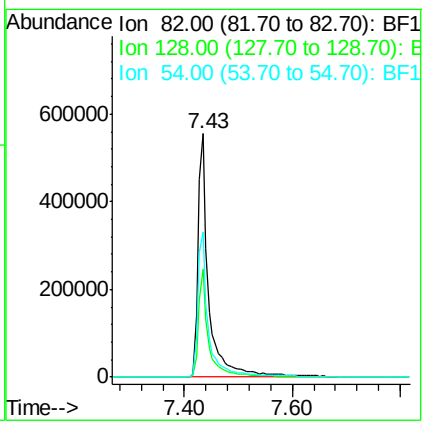


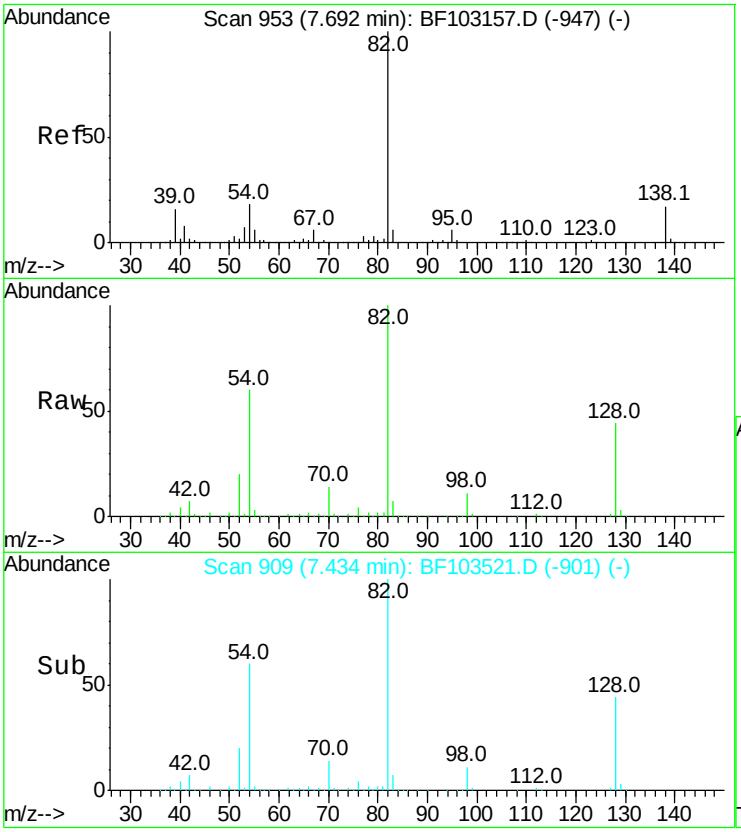


#23
Nitrobenzene-d5
Concen: 69.745 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion: 82 Resp: 767378

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	59.5	41.4	62.2



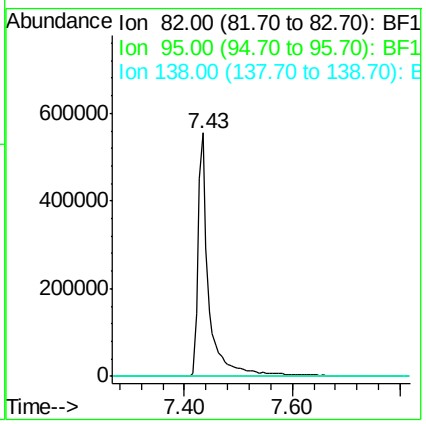


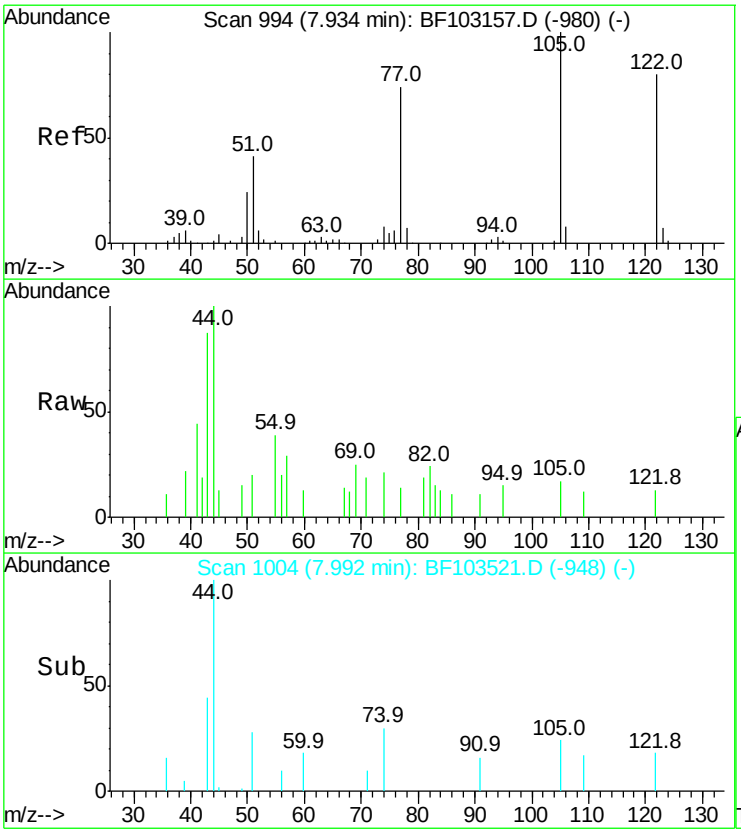
#25
Isophorone
Concen: 35.412 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 767378

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

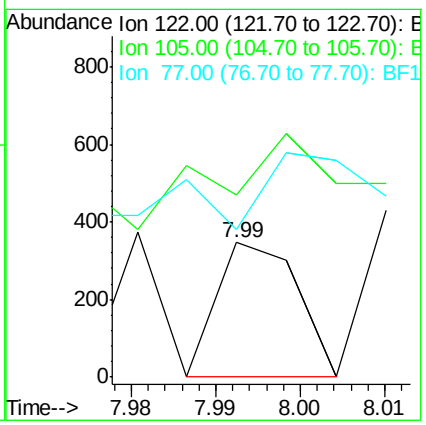


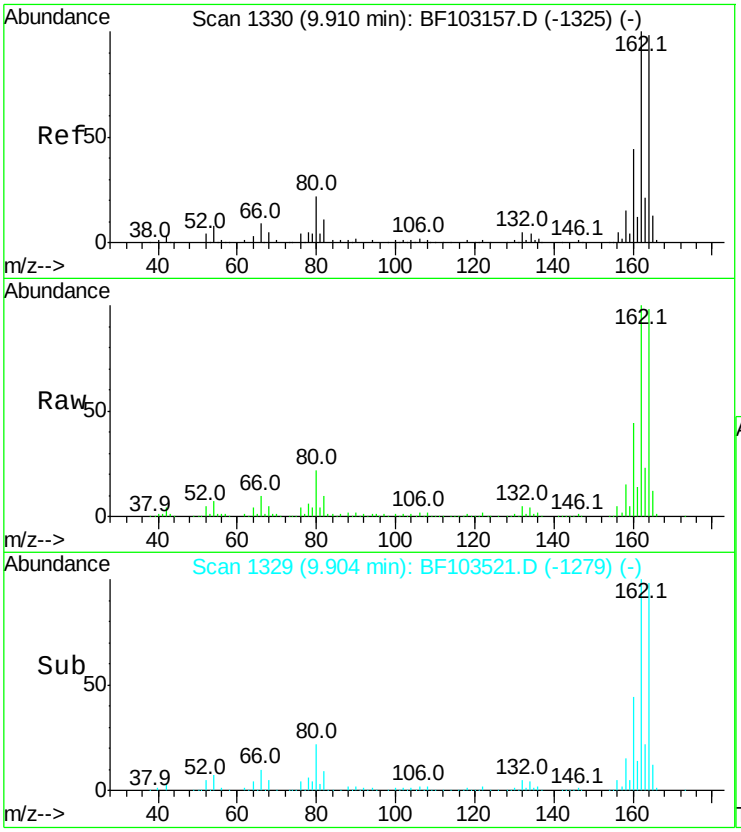


#32
Benzoic acid
Concen: 6.944 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.03 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:122 Resp: 228

Ion	Ratio	Lower	Upper
122	100		
105	135.5	101.1	141.1
77	109.8	70.7	110.7



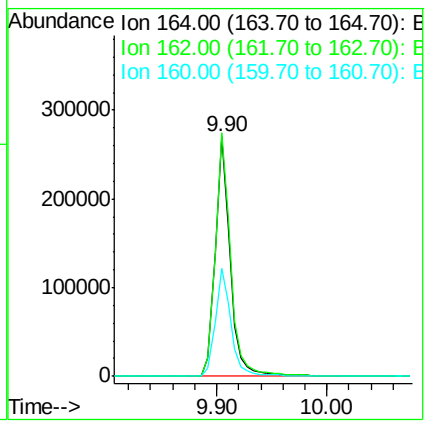


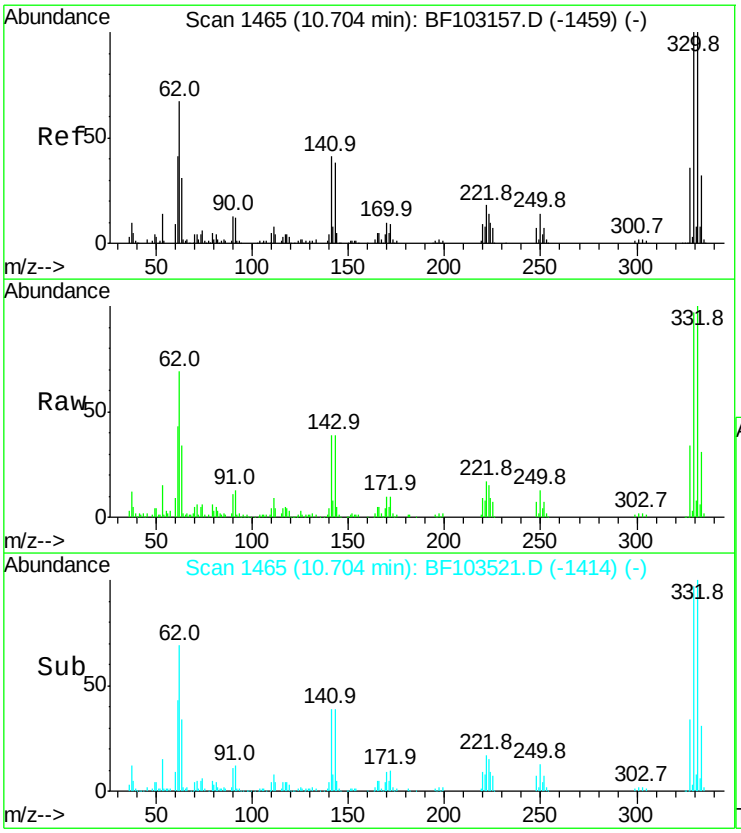
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 253839

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.9	38.3	57.5

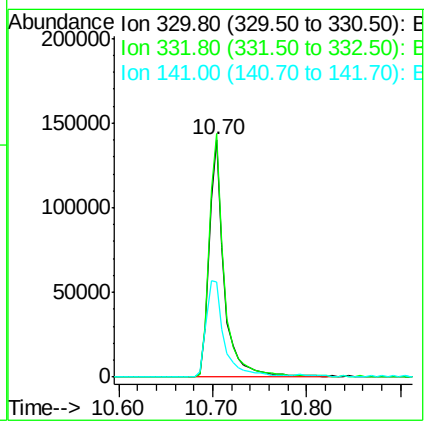


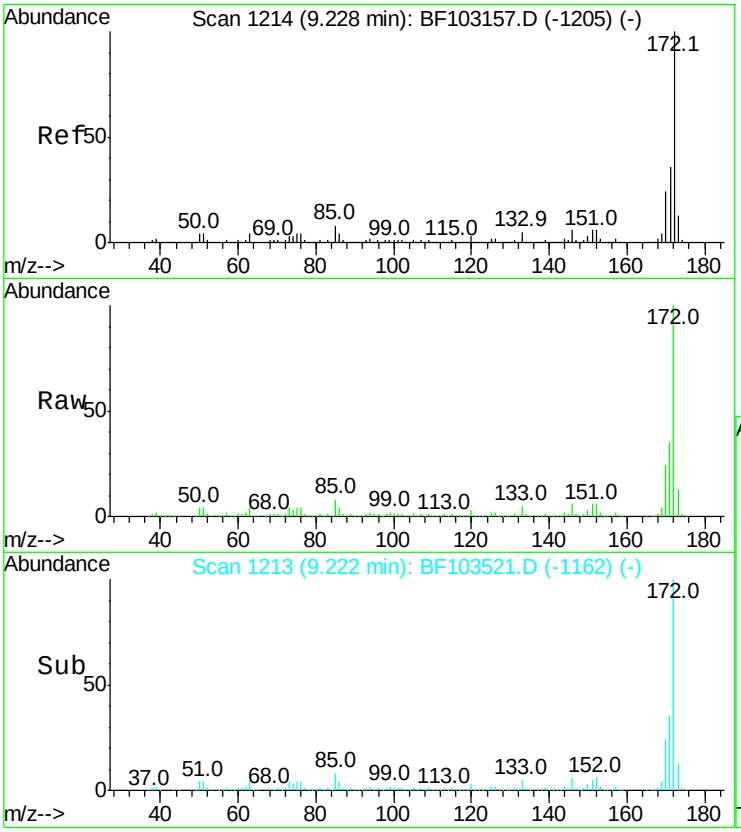


#41
2,4,6-Tribromophenol
Concen: 74.088 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:330 Resp: 159187

Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	47.1	29.9	44.9#



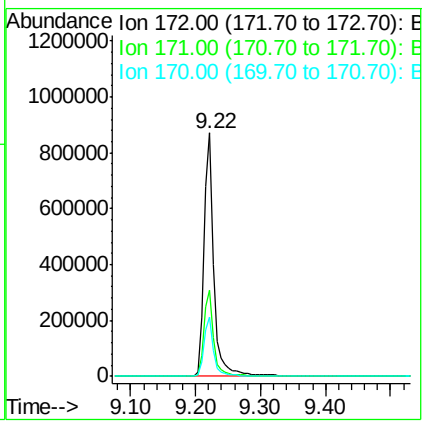


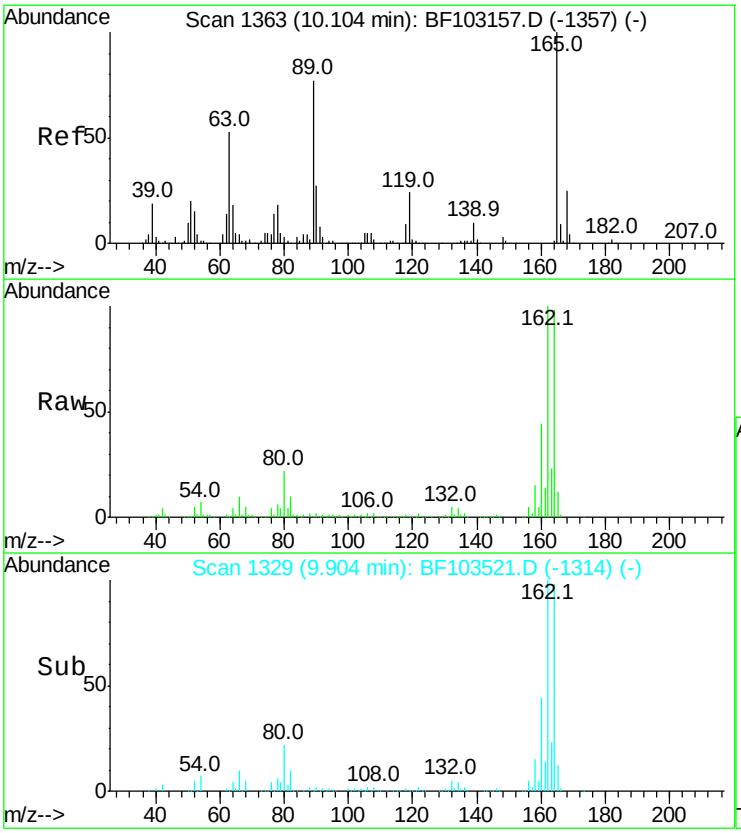
#44
2-Fluorobiphenyl
Concen: 57.223 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 913673

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.4	19.6	29.4

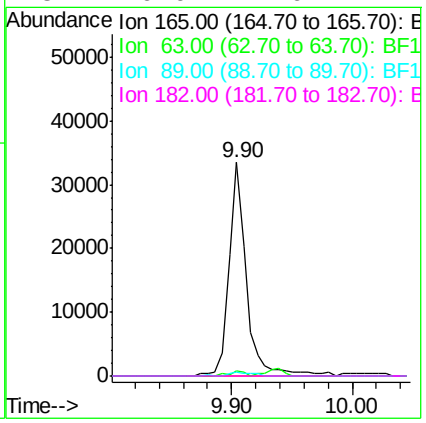


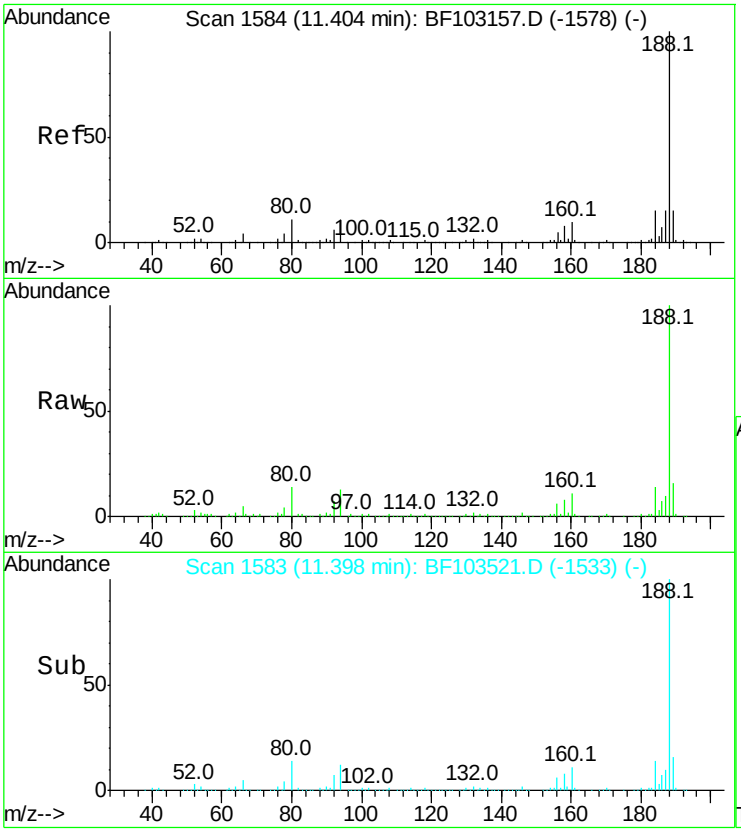


#56
2,4-Dinitrotoluene
Concen: 6.240 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:165 Resp: 33726

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



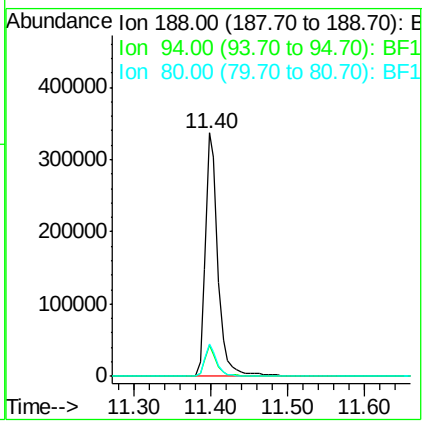


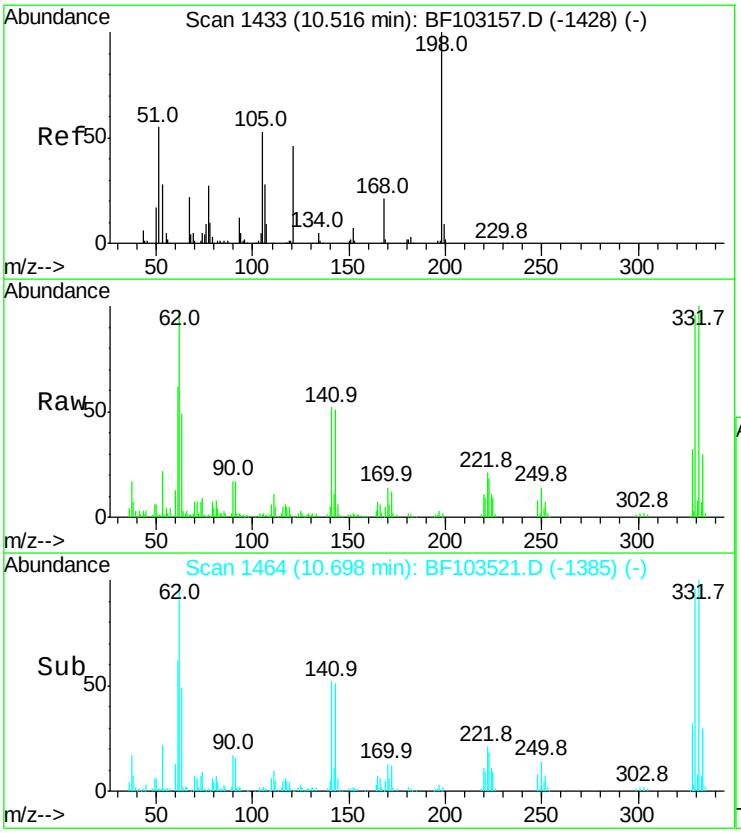
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 378762

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.6	9.2	13.8

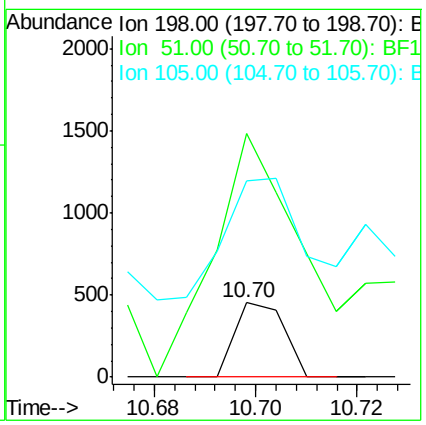


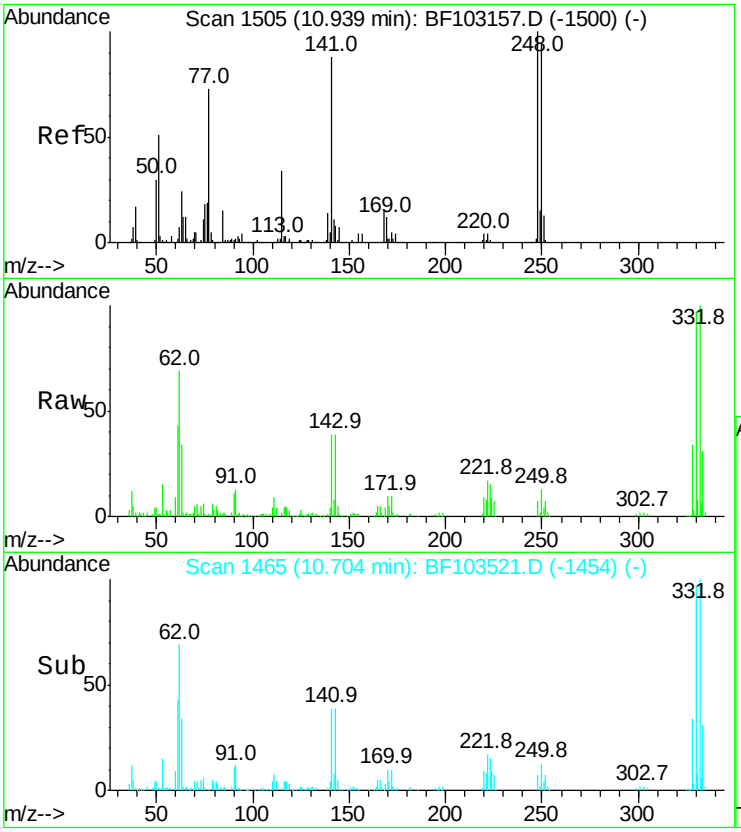


#64
4,6-Dinitro-2-methylphenol
Concen: 5.063 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:198 Resp: 303

Ion	Ratio	Lower	Upper
198	100		
51	326.7	37.7	77.7#
105	263.4	36.3	76.3#



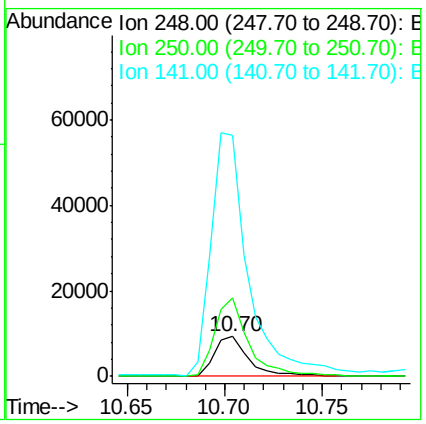


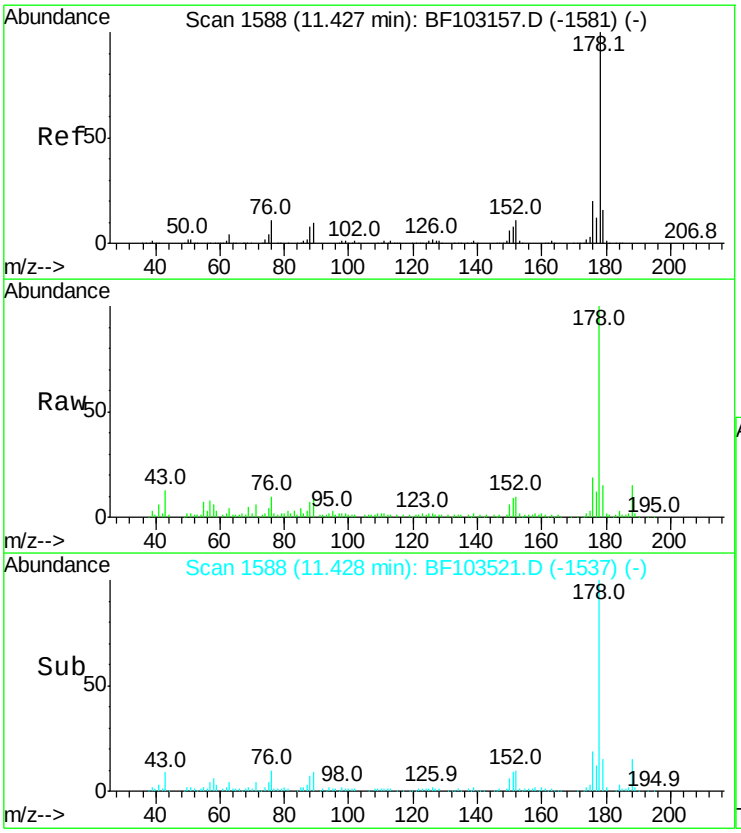
#66
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11224

Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	604.6	74.4	111.6#

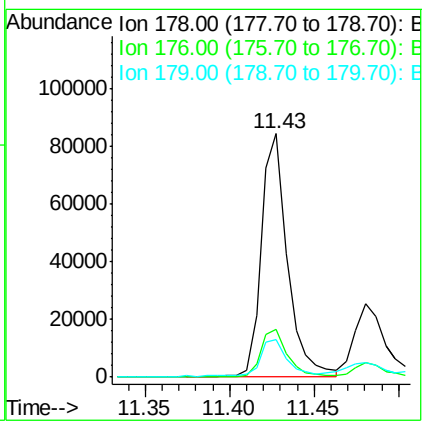


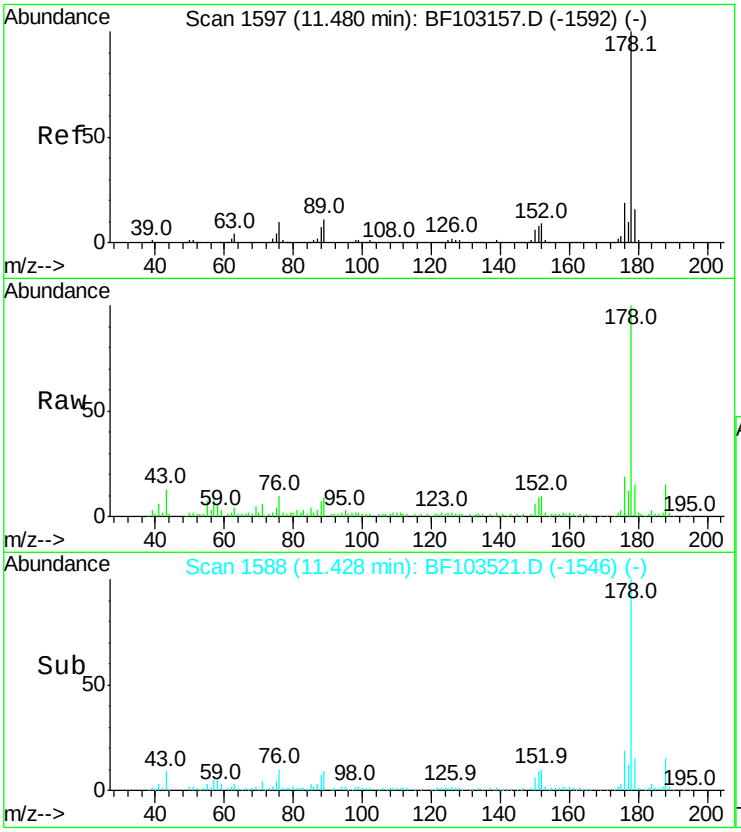


#70
Phenanthrene
Concen: 4.366 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:178 Resp: 91017

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6



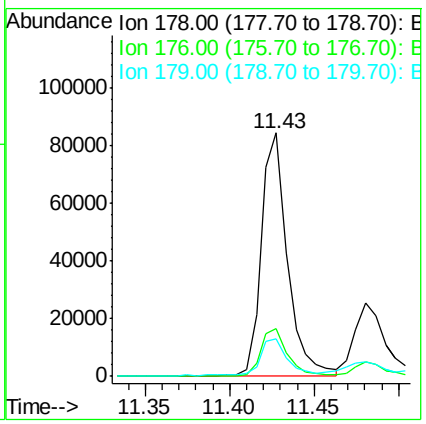


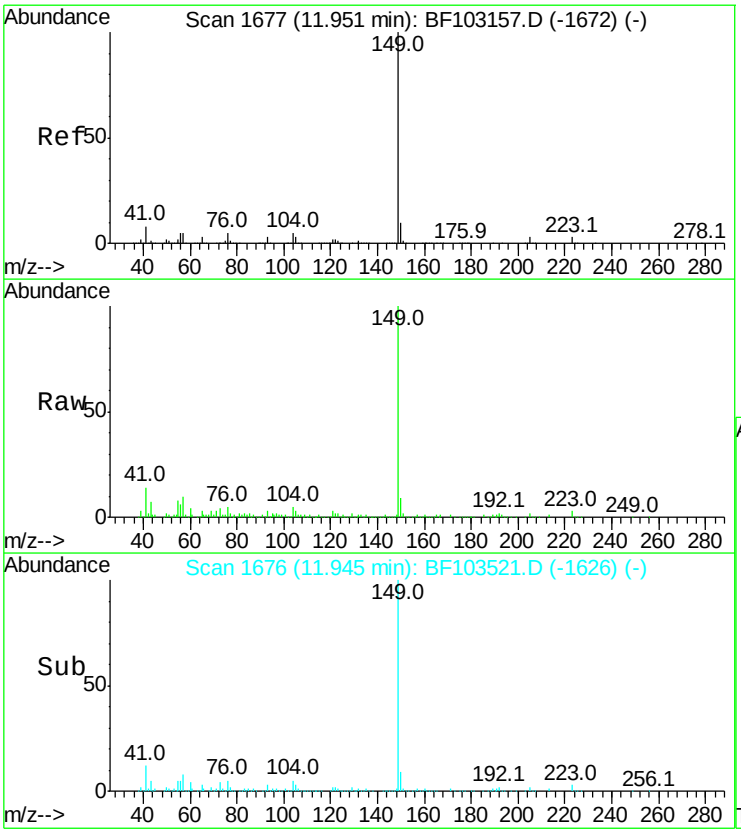
#71
Anthracene
Concen: 4.258 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.05 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 91017

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.6	19.0

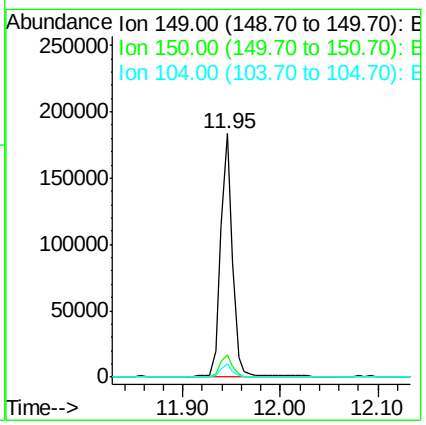


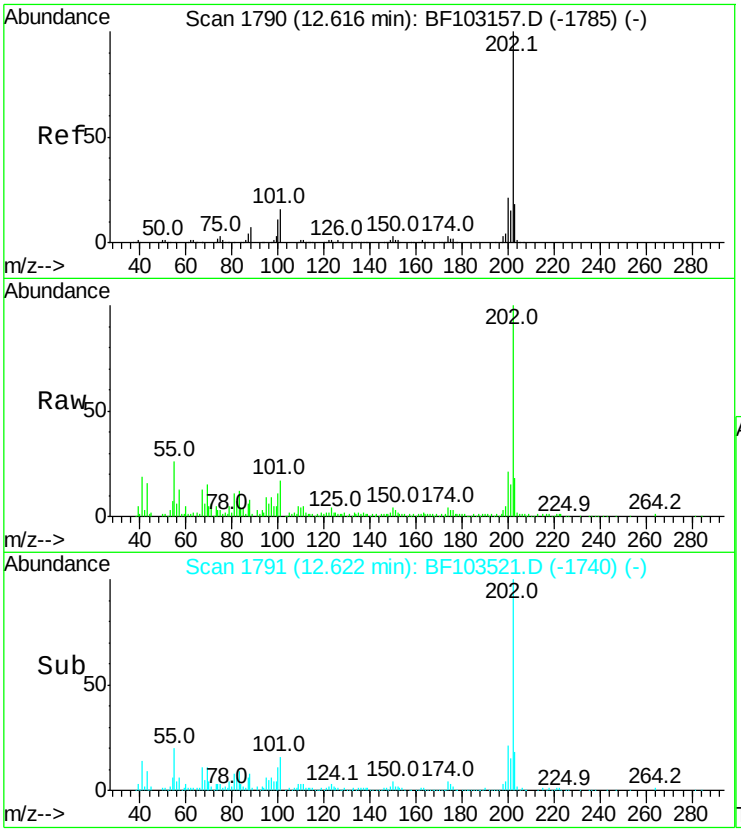


#73
Di-n-butylphthalate
Concen: 5.697 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:149 Resp: 151748

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.4	3.8	5.8



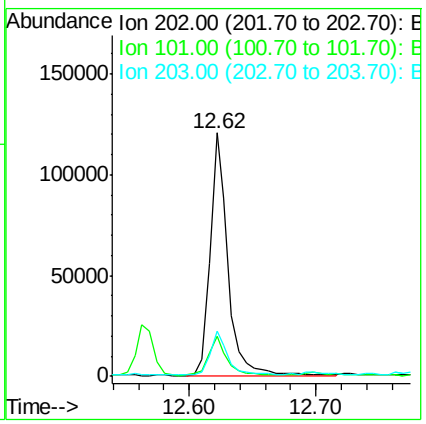


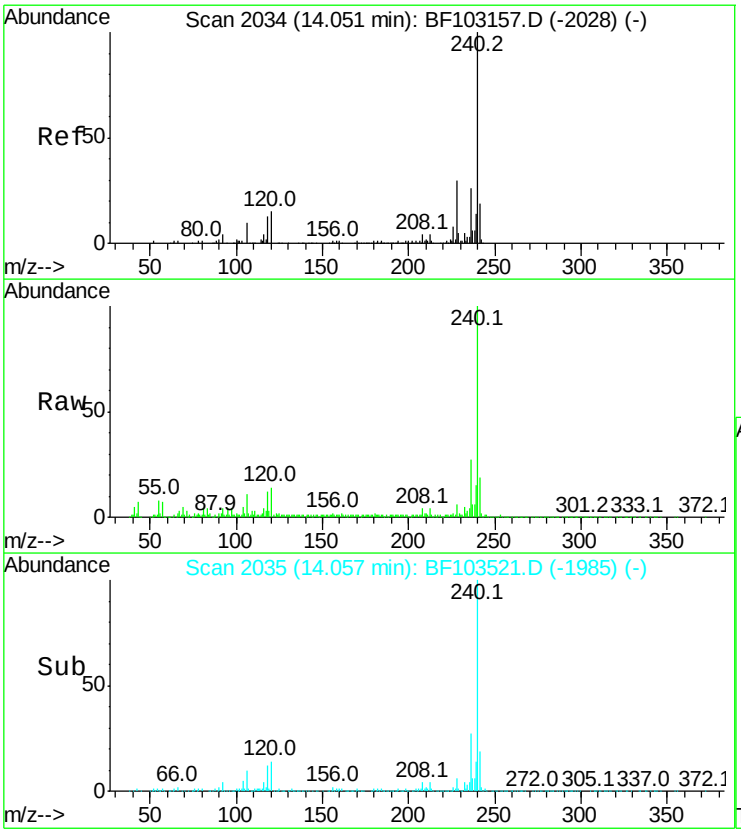
#74
Fluoranthene
Concen: 5.634 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 118014

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.1
203	18.4	0.0	38.1

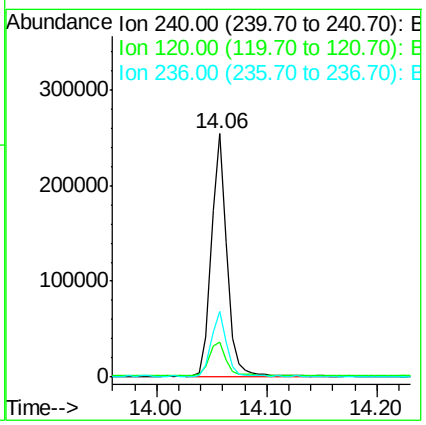


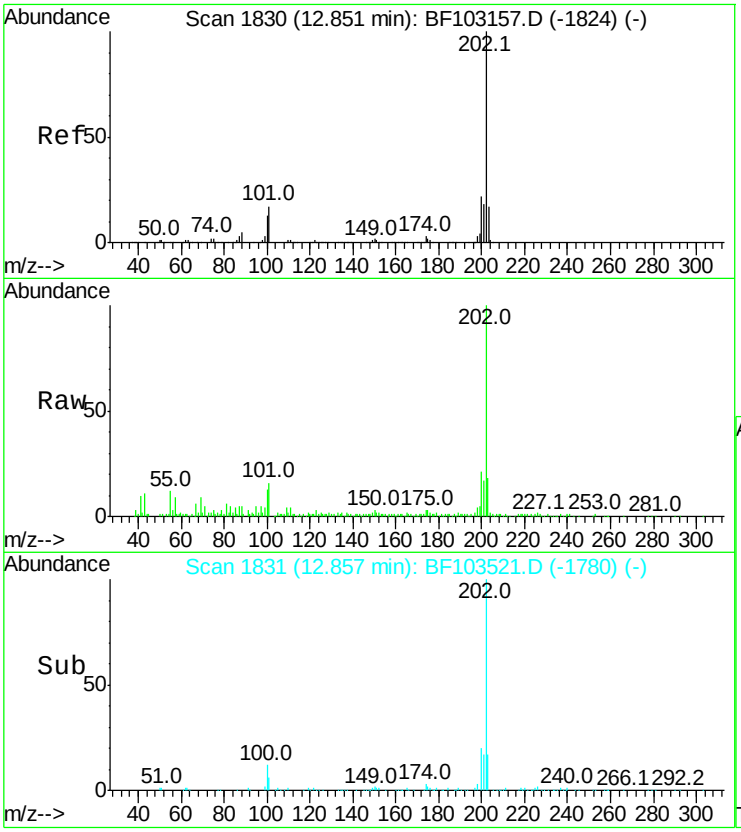


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:240 Resp: 241380

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	27.0	20.7	31.1



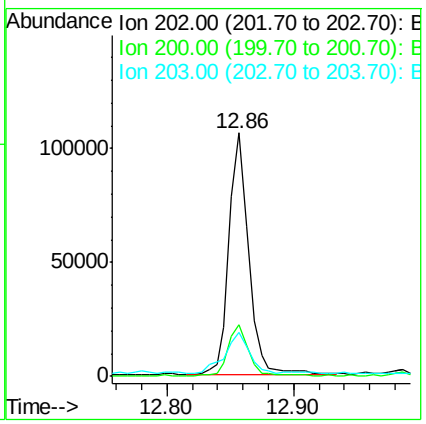


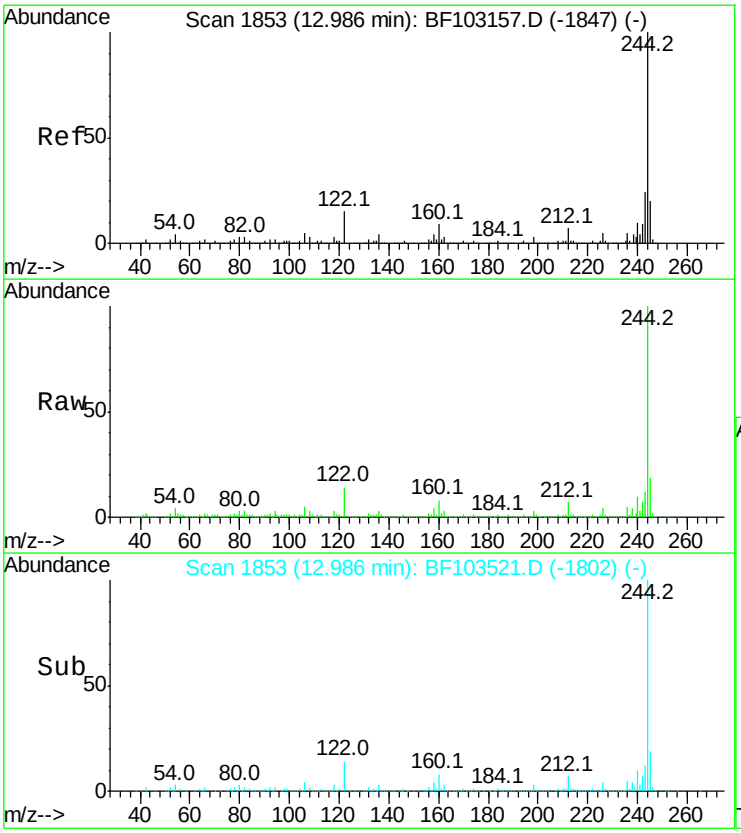
#77
Pyrene
Concen: 6.060 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 114055

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

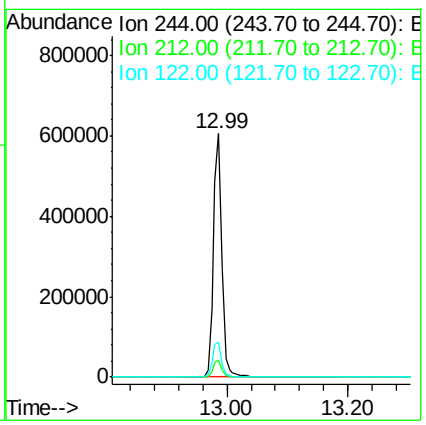


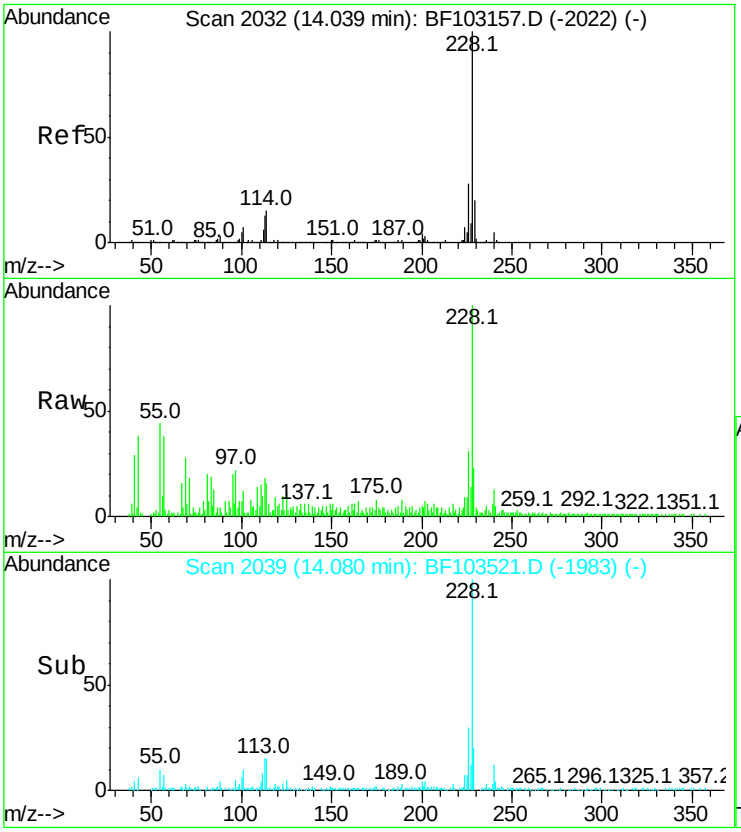


#78
Terphenyl-d14
Concen: 58.167 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:244 Resp: 584076

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4



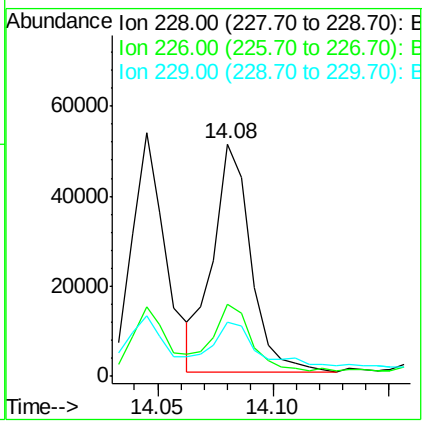


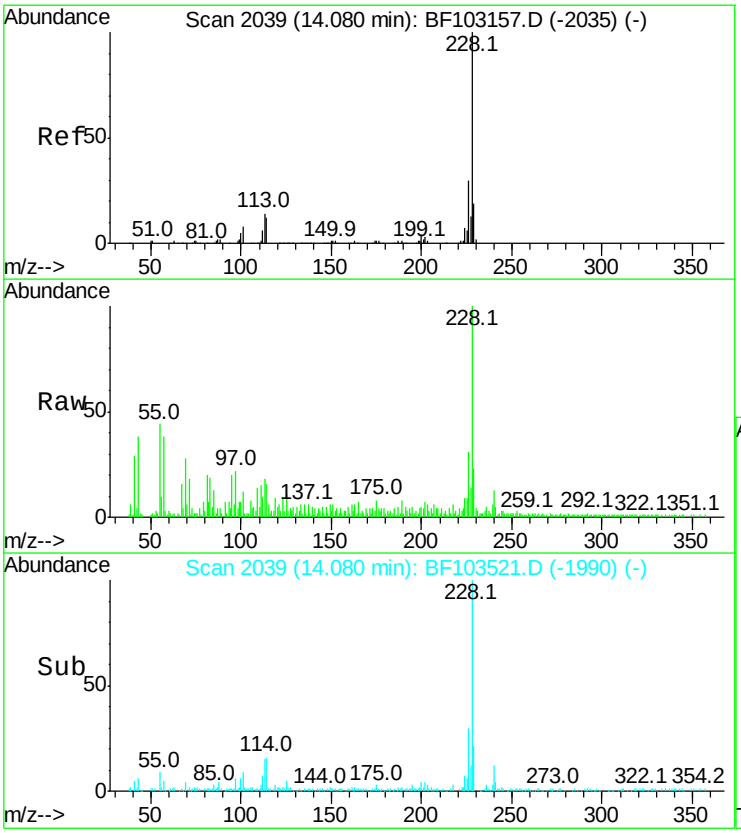
#80
Benzo(a)anthracene
Concen: 3.698 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.03 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 57911

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	23.5	15.8	23.6

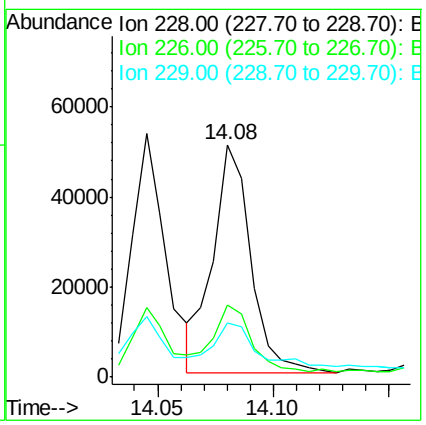


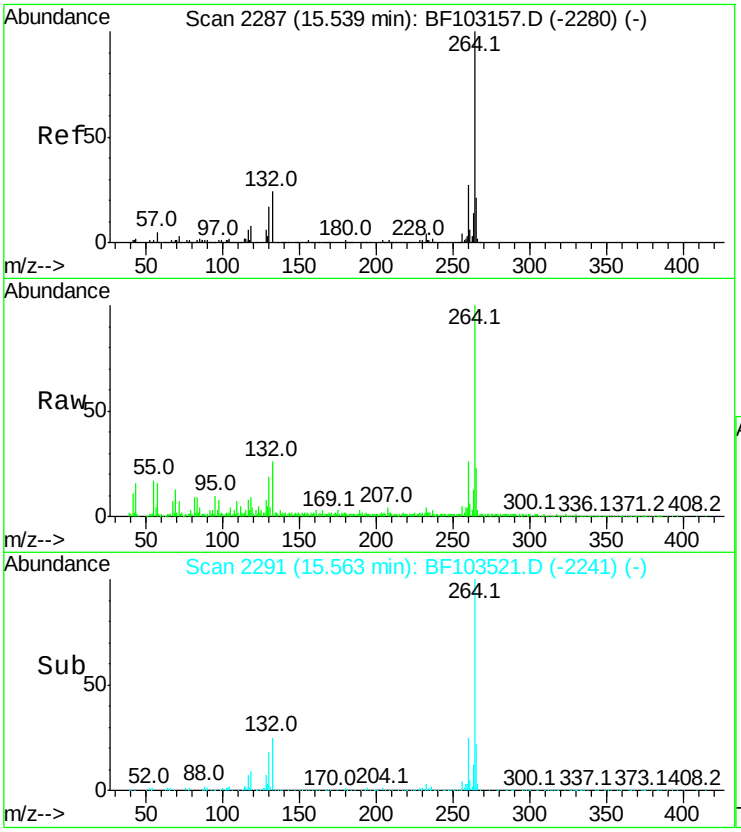


#82
Chrysene
Concen: 3.808 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:228 Resp: 57911

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.5	16.2	24.4



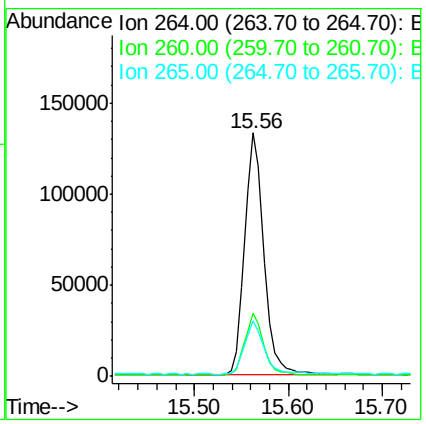


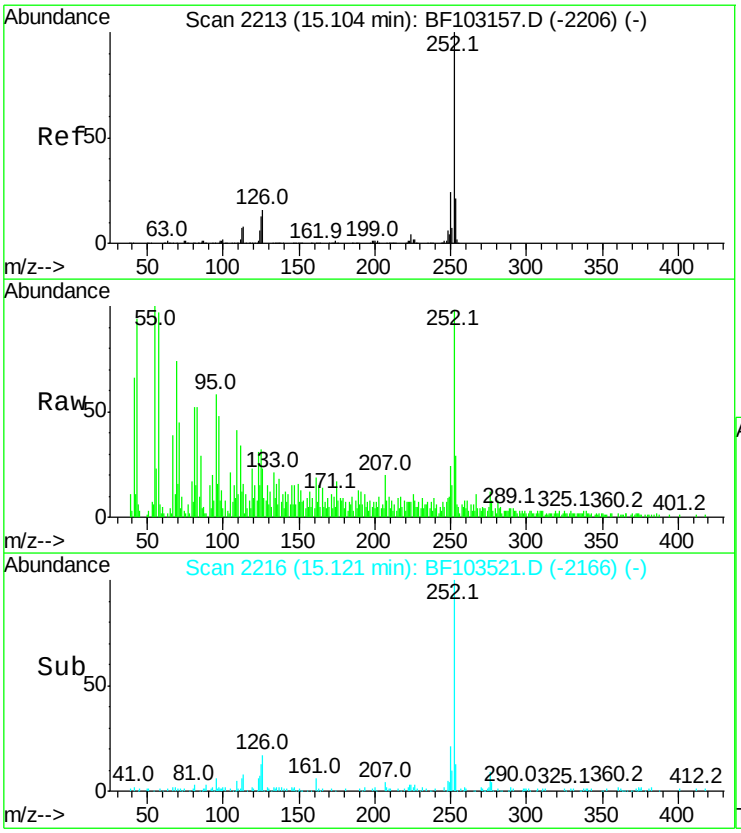
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 190273

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	22.8	17.5	26.3

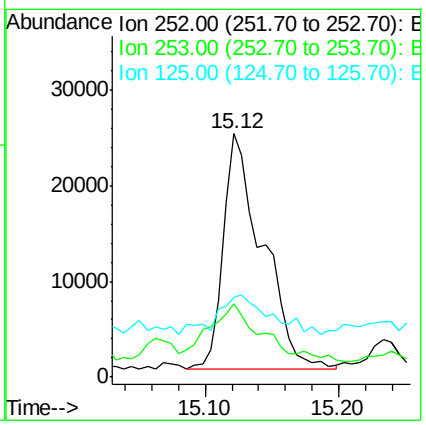


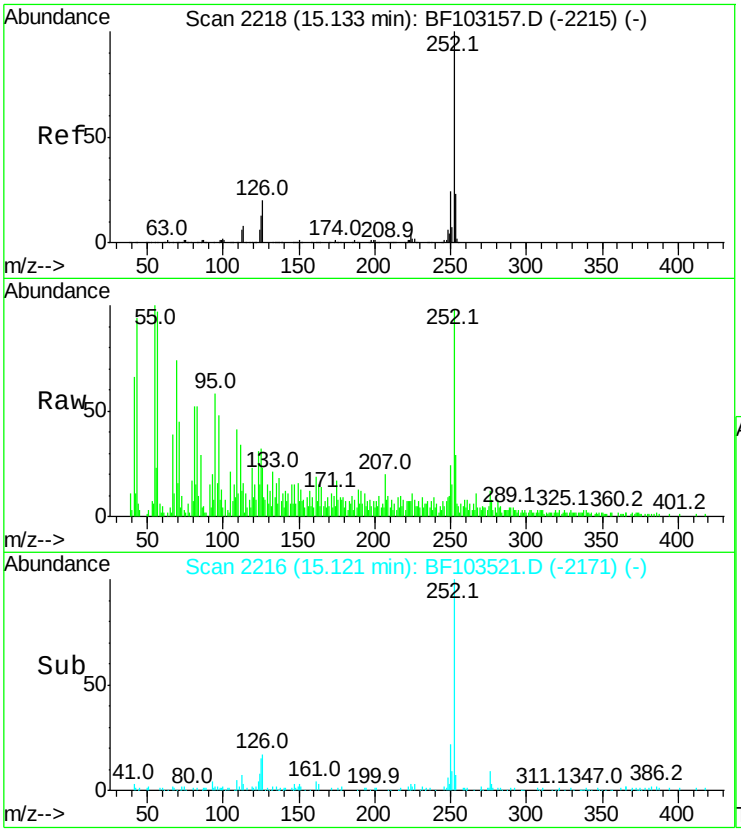


#87
Benzo(b)fluoranthene
Concen: 4.062 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:252 Resp: 50821

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.0	25.6#
125	32.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 4.314 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.04 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50821

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.9	26.9#
125	32.9	10.2	15.2#