Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
Data File : BF103059.D
Acq On : 16 Feb 2018 18:20
Operator : SJ/JU
Sample : J1584-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 23:17:03 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	168711	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	682562	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	264859	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	403127	20.00	ng		0.00
75) Chrysene-d12	14.04	240	297539	20.00	ng		-0.01
86) Perylene-d12	15.54	264	245577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1026734	92.42	ng		0.00
7) Phenol-d6	6.51	99	1186453	88.70	ng		0.00
23) Nitrobenzene-d5	7.44	82	719890	73.16	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	185165	86.86	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1010811	63.33	ng		0.00
78) Terphenyl-d14	12.99	244	744966	59.28	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	20547	2.07	ng		83
19) n-Nitroso-di-n-propylamine	7.44	70	95100	10.78	ng	#	82
25) Isophorone	7.44	82	719885	31.77	ng	#	64
47) 2-Nitroaniline	9.33	65	132	3.49	ng	#	2
49) Dimethylphthalate	9.62	163	89310	4.32	ng		98
55) 4-Nitrophenol	10.12	139	1450	4.37	ng	#	29
56) 2,4-Dinitrotoluene	9.92	165	34442	9.19	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	405	9.02	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11649	2.73	ng	#	1
70) Phenanthrene	11.43	178	63061	2.81	ng		98
74) Fluoranthene	12.62	202	111166	4.92	ng		97
77) Pyrene	12.84	202	101110	4.33	ng		98
80) Benzo(a)anthracene	14.03	228	48503	2.59	ng		95
82) Chrysene	14.07	228	48221	2.56	ng		96
87) Benzo(b)fluoranthene	15.10	252	62785	3.94	ng	#	83
88) Benzo(k)fluoranthene	15.10	252	62785	4.13	ng	#	86
89) Benzo(a)pyrene	15.47	252	32414	2.26	ng	#	85

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

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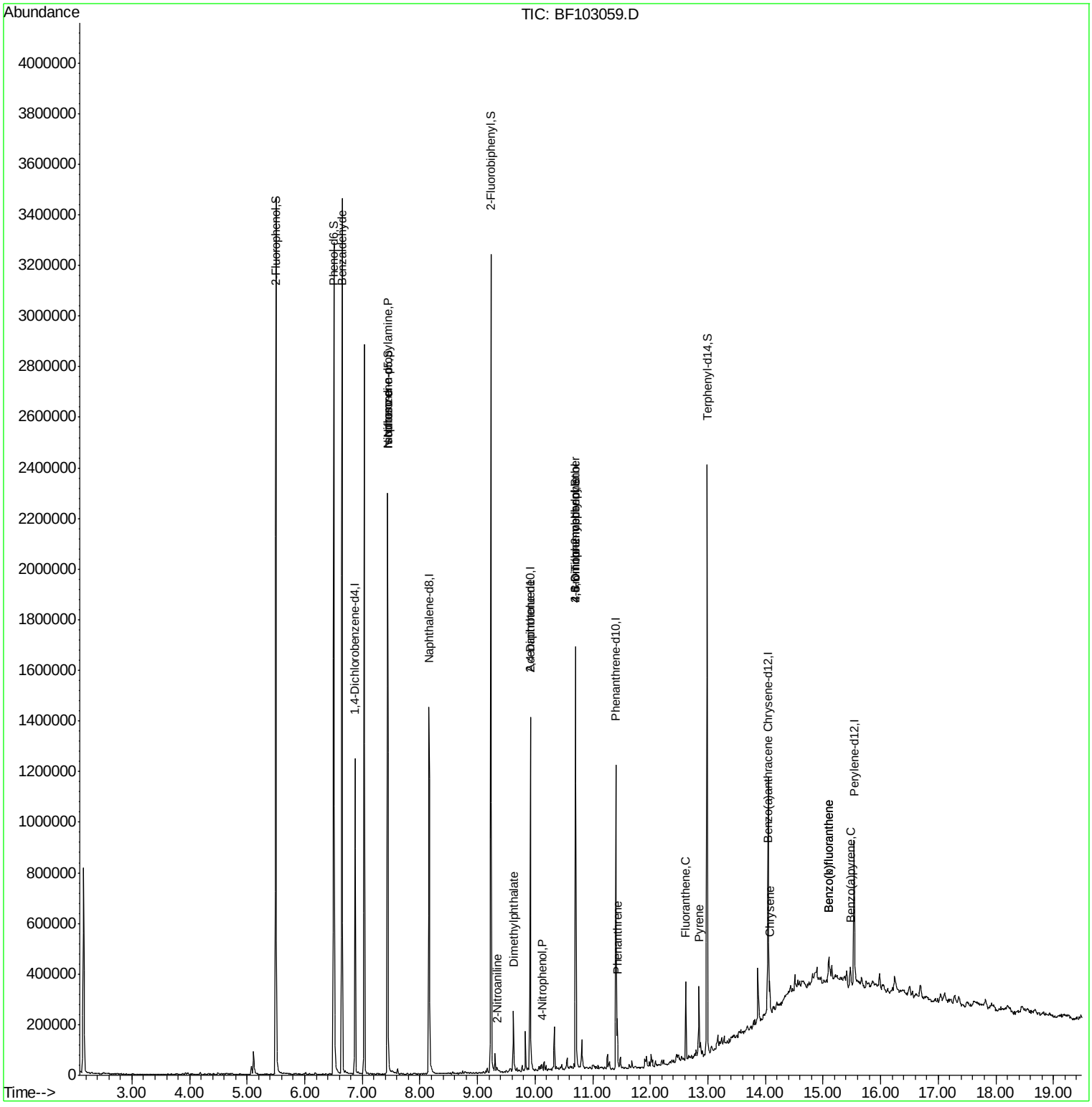
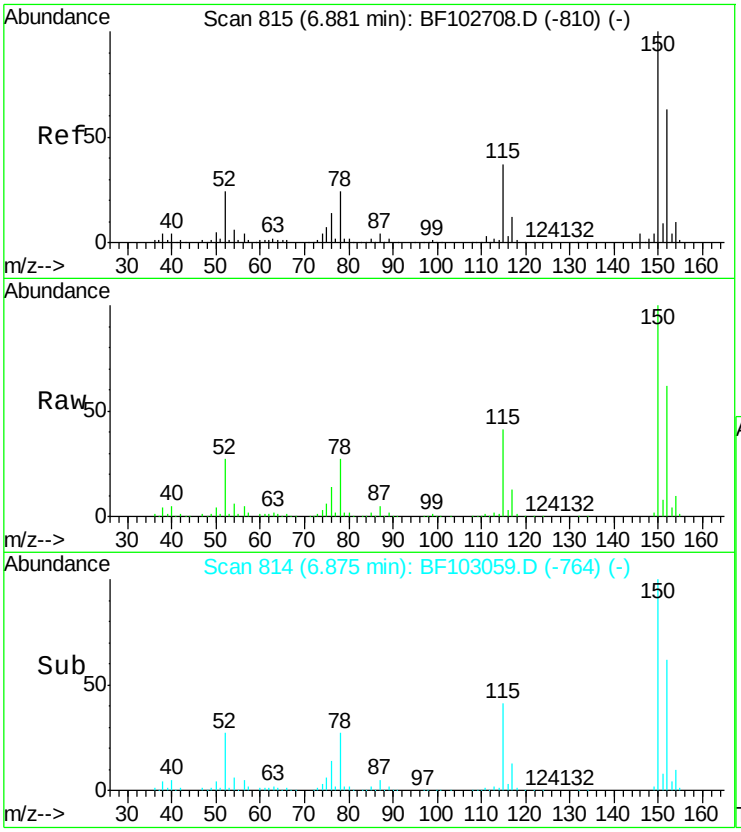


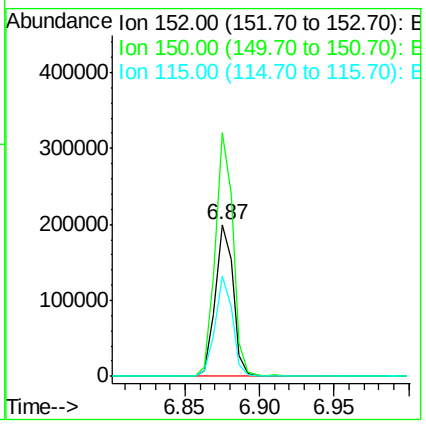


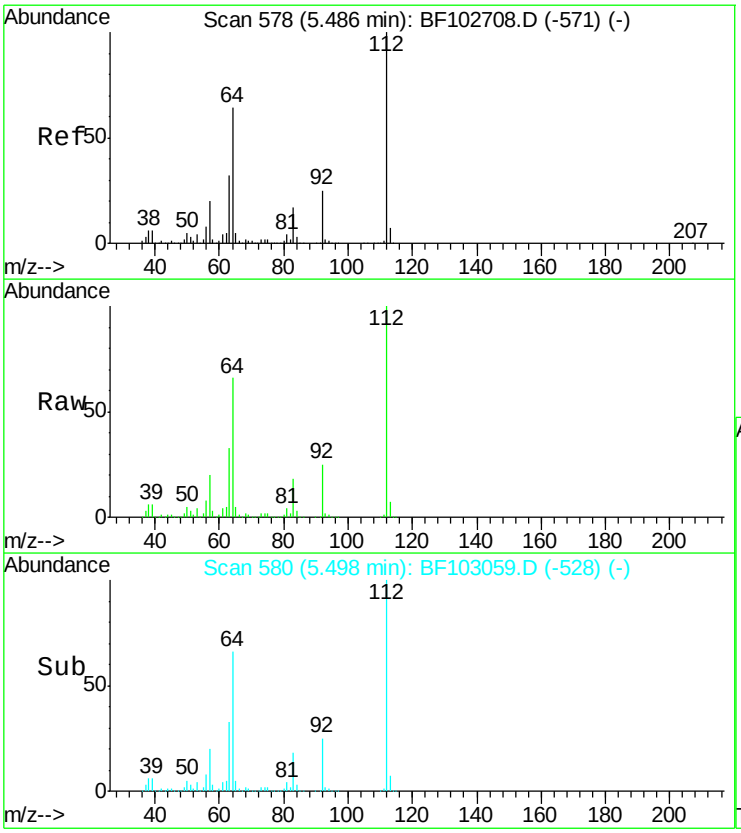
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168711

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	66.3	50.1	75.1

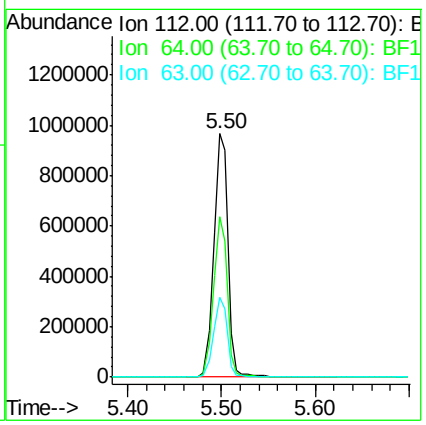


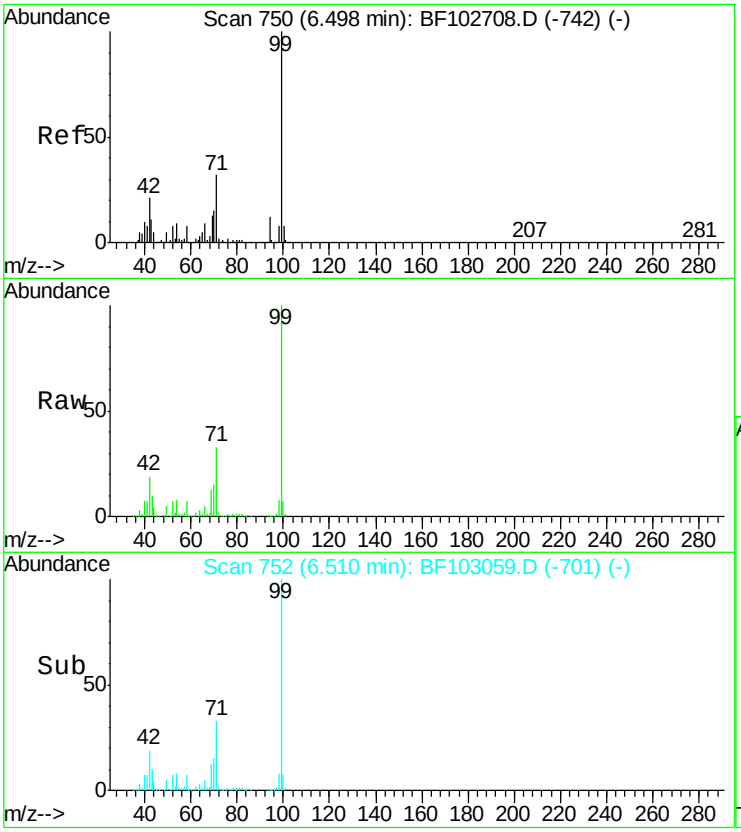


#5
2-Fluorophenol
Concen: 92.42 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:112 Resp: 1026734

Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	32.9	23.7	35.5



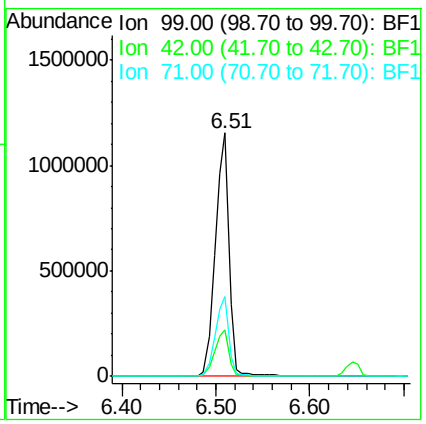


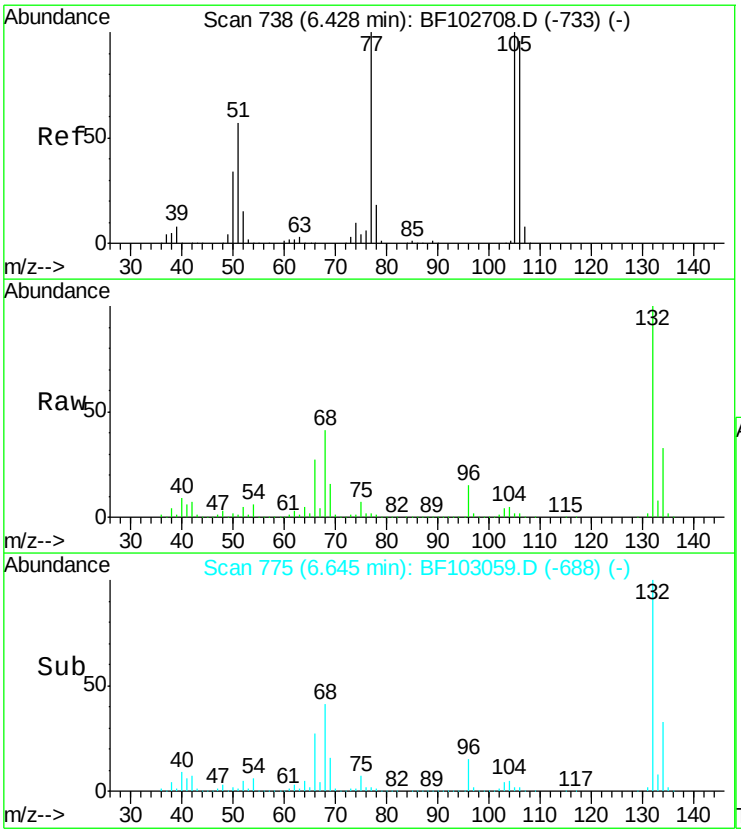
#7
Phenol-d6
Concen: 88.70 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1186453

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.7	25.4	38.0

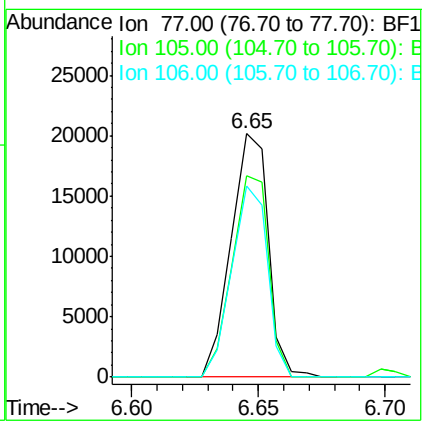


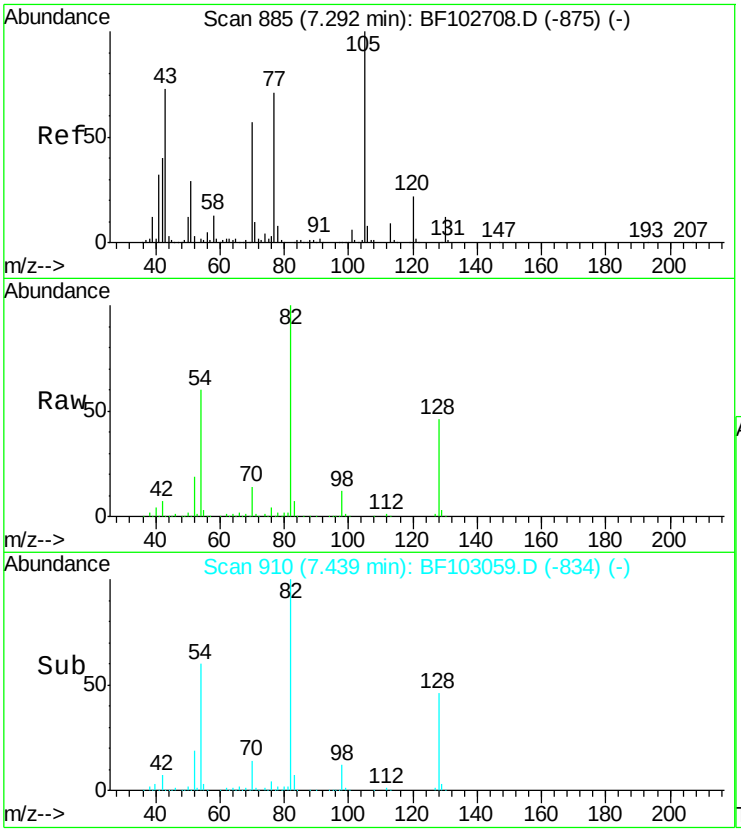


#9
Benzaldehyde
Concen: 2.07 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion: 77 Resp: 20547

Ion	Ratio	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	78.3	74.5	114.5



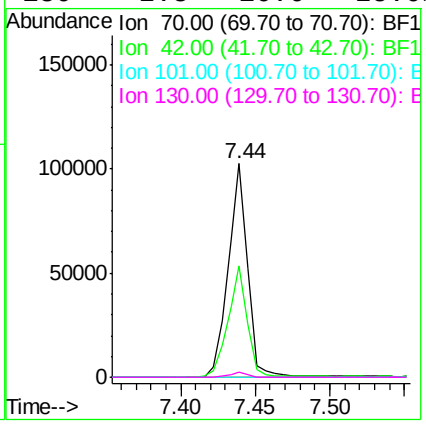


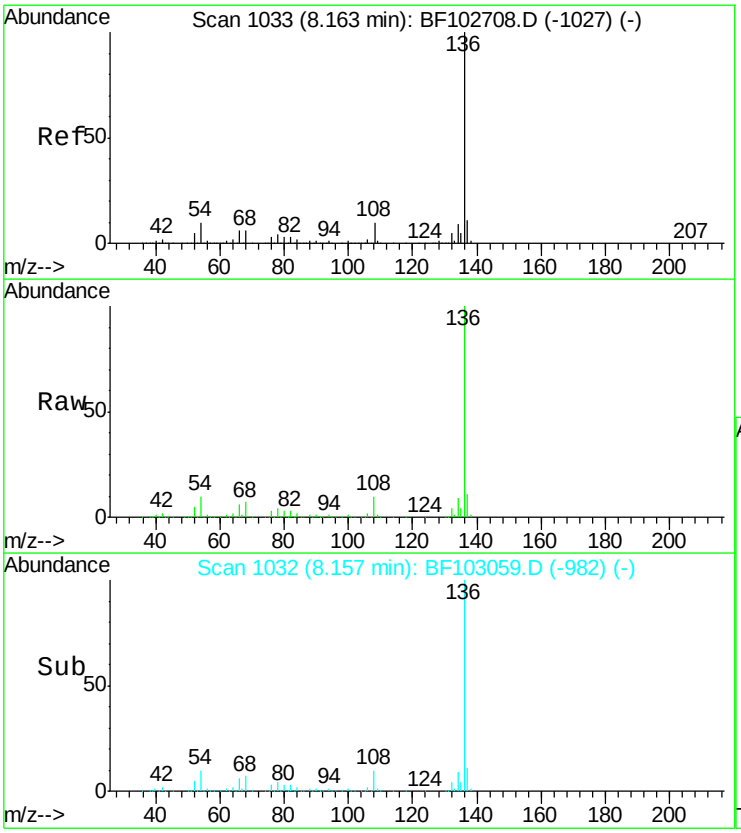
#19
n-Nitroso-di-n-propylamine
Concen: 10.78 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95100

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

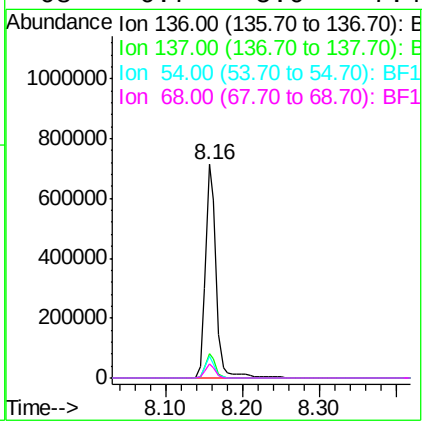


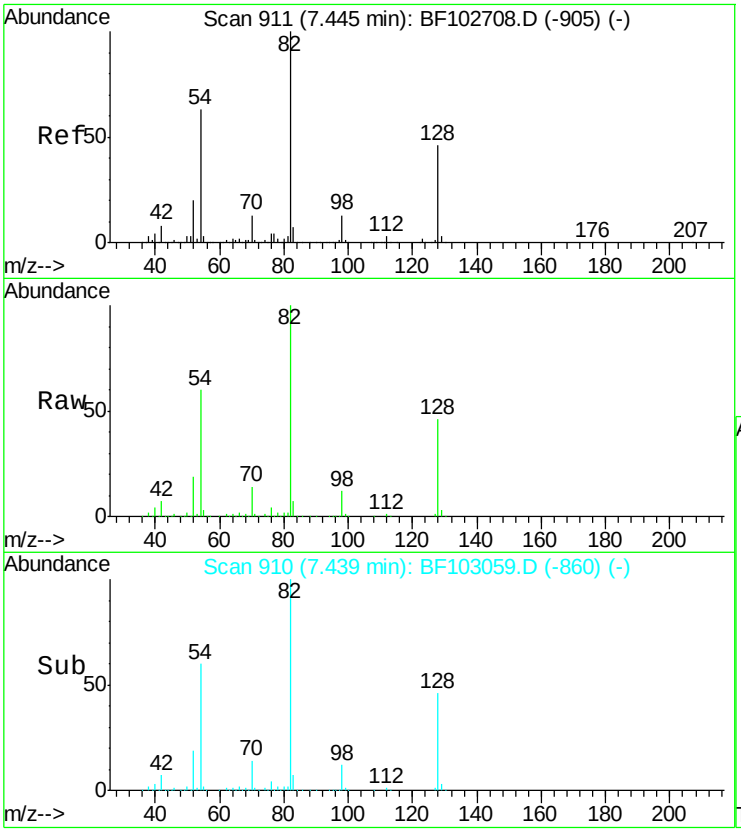


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:136 Resp: 682562

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.2	6.6	9.8#
68	6.7	5.0	7.4



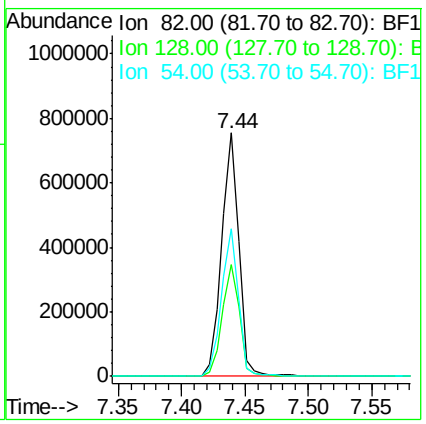


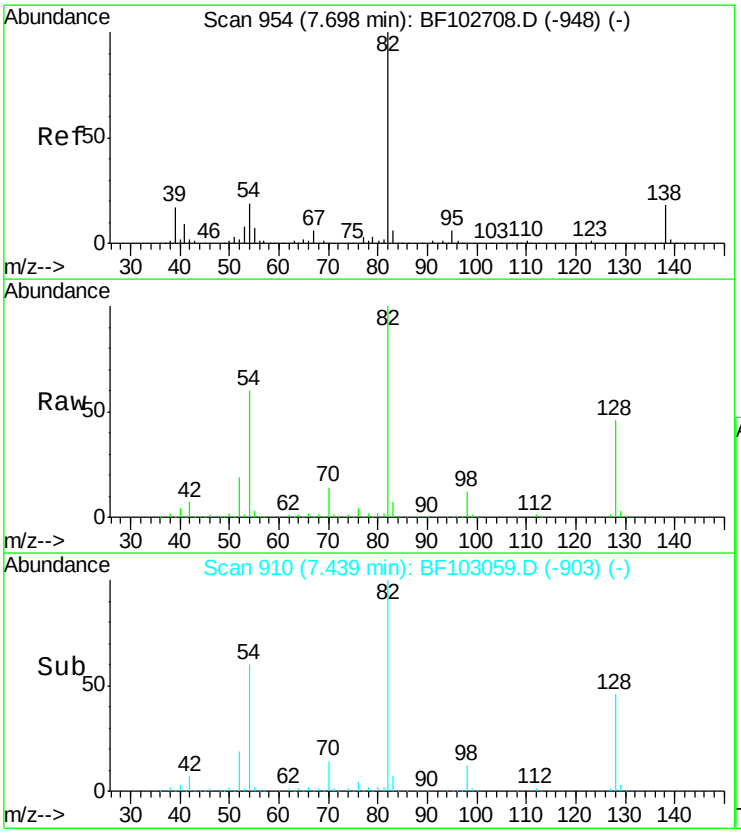
#23
Nitrobenzene-d5
Concen: 73.16 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 719890

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	60.5	41.4	62.2

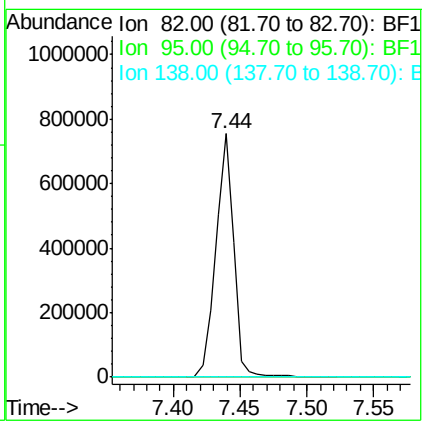


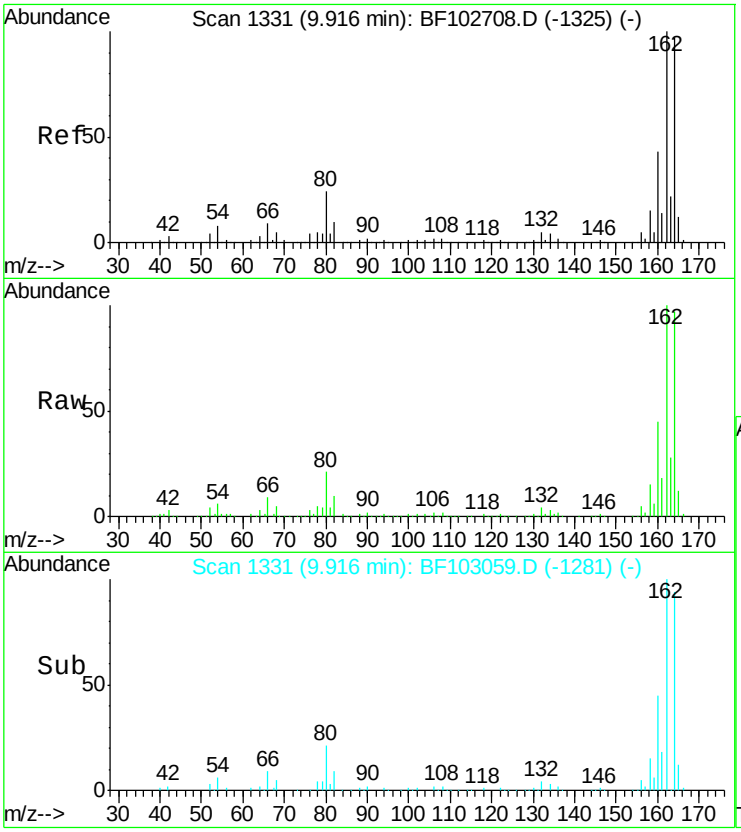


#25
Isophorone
Concen: 31.77 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion: 82 Resp: 719885

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



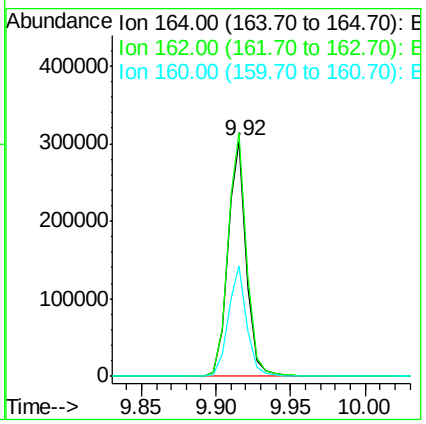


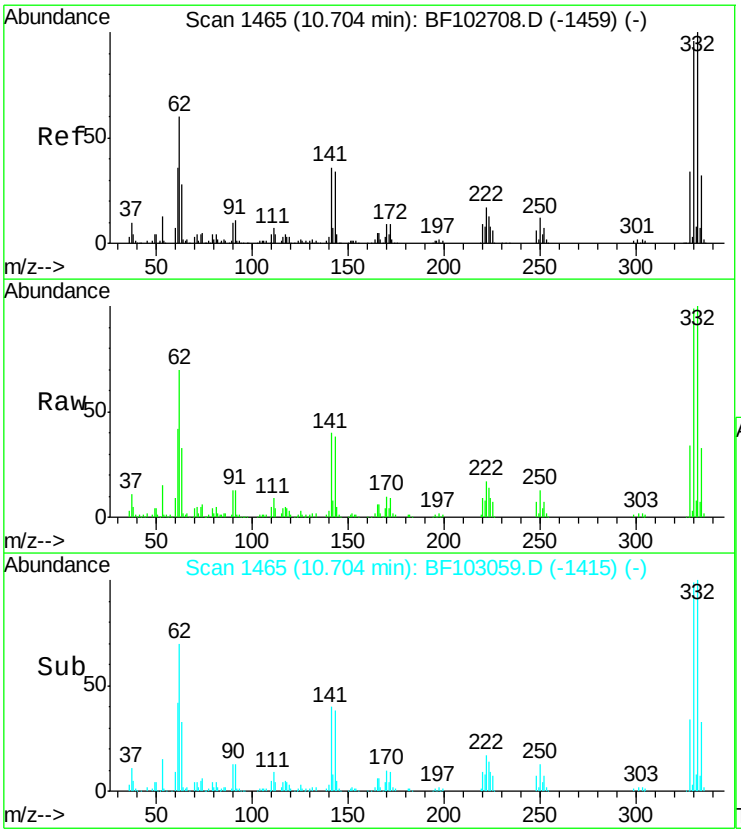
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 264859

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.9	38.3	57.5

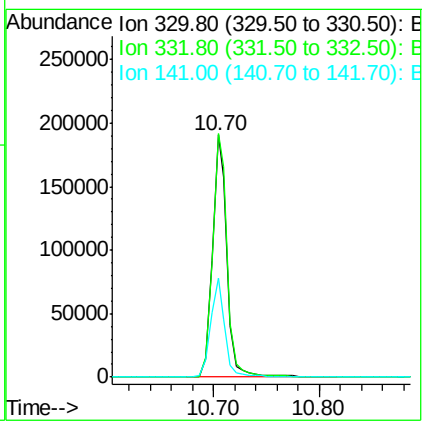


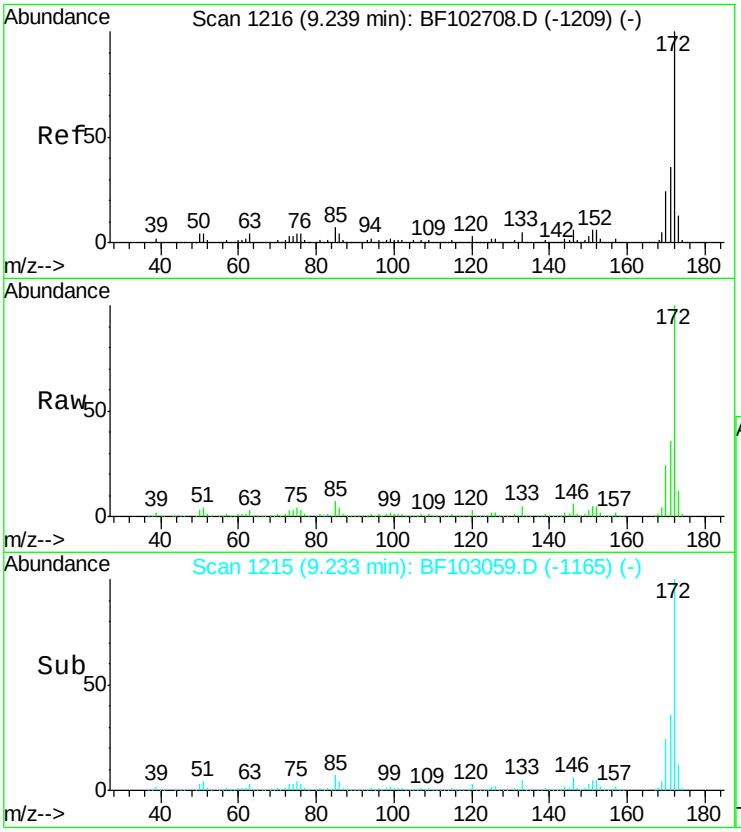


#41
2,4,6-Tribromophenol
Concen: 86.86 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:330 Resp: 185165

Ion	Ratio	Lower	Upper
330	100		
332	102.4	77.0	115.6
141	40.1	29.9	44.9



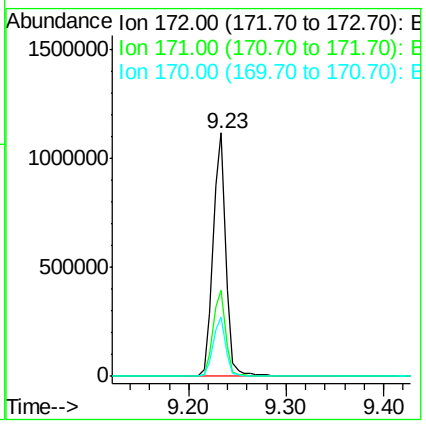


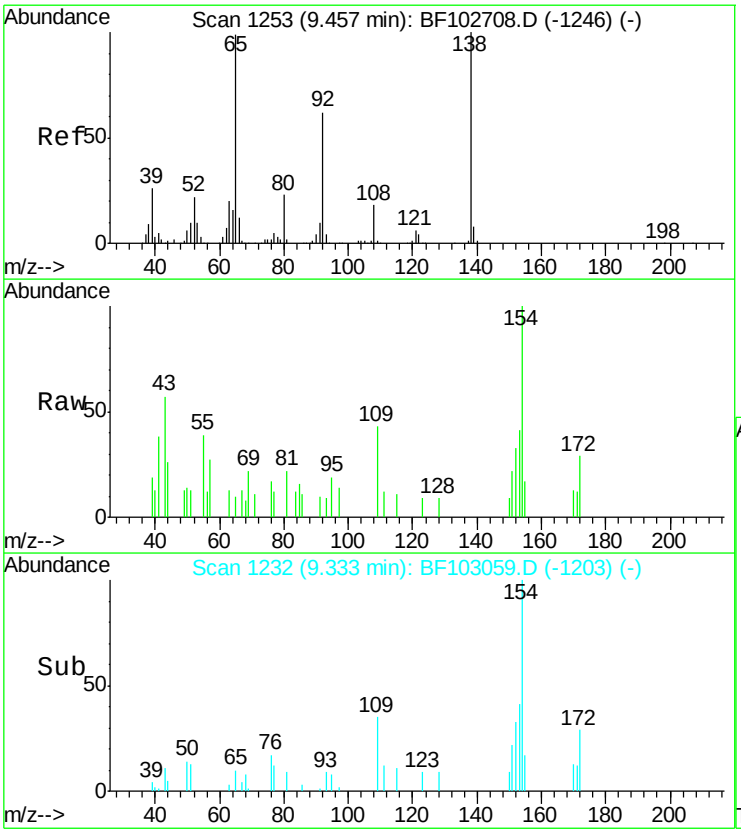
#44
2-Fluorobiphenyl
Concen: 63.33 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1010811

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.1	19.6	29.4

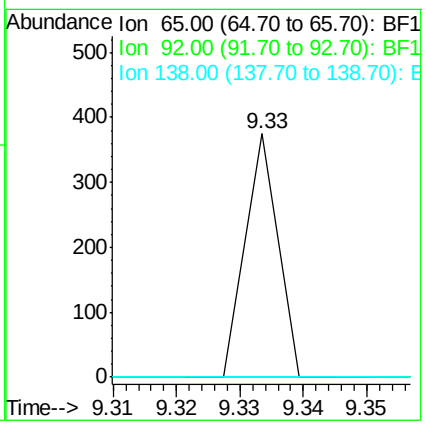


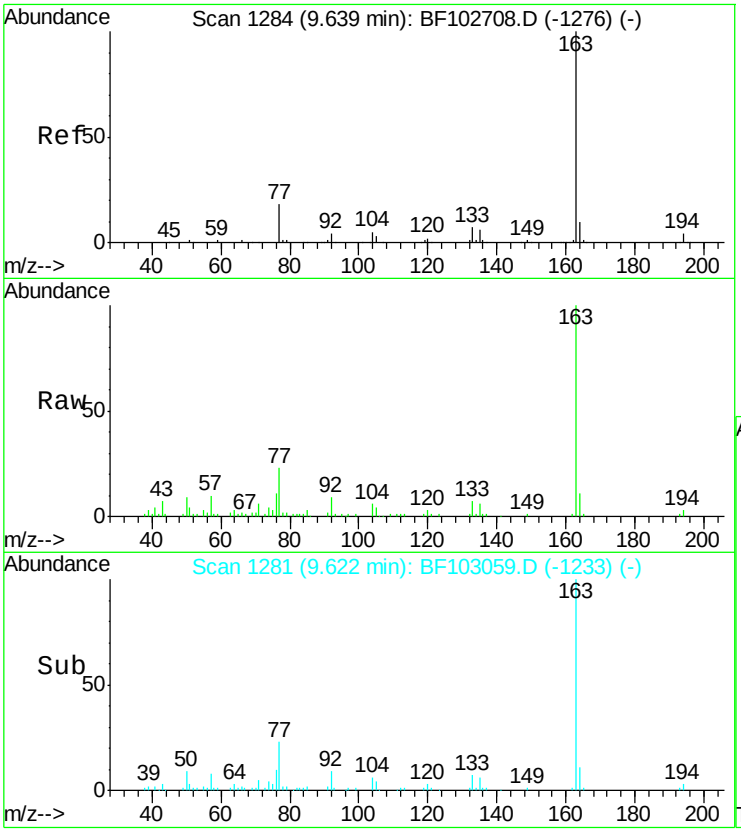


#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion: 65 Resp: 132

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



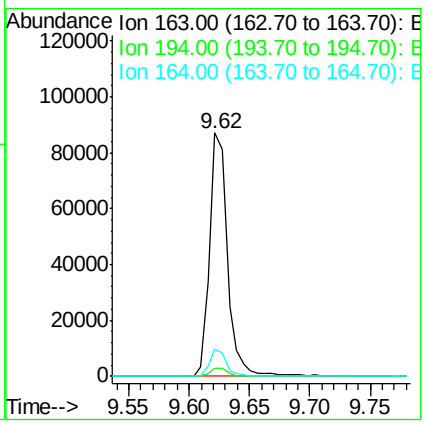


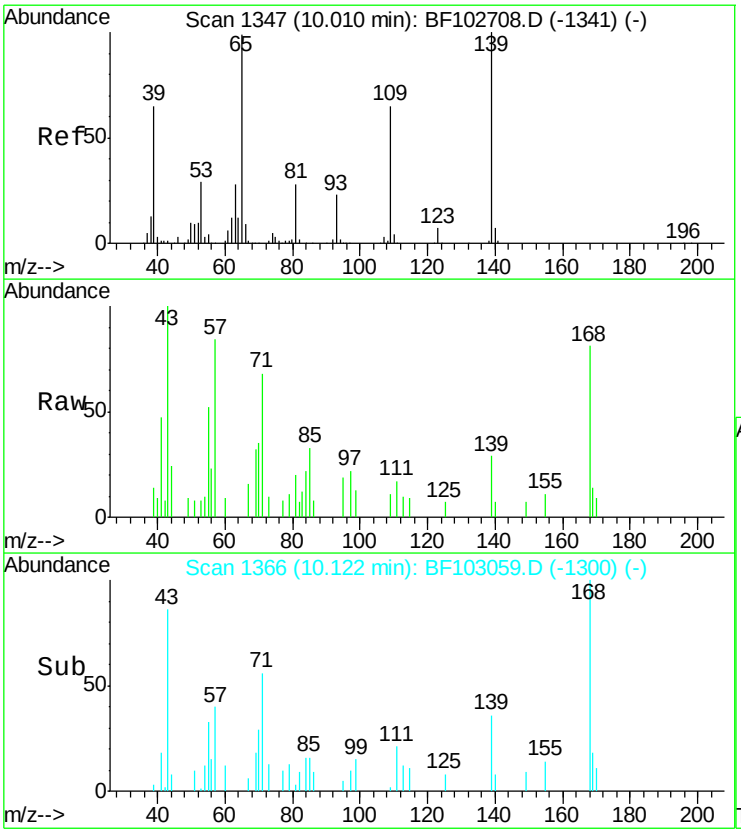
#49
Dimethylphthalate
Concen: 4.32 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 89310

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.2	8.2	12.2

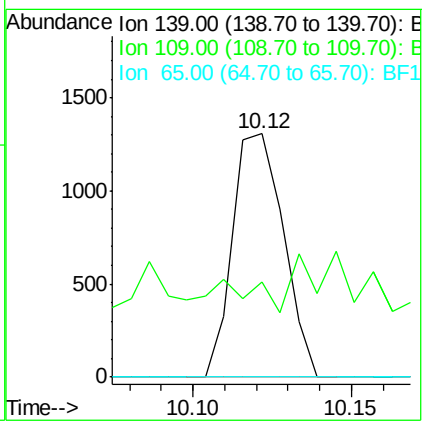


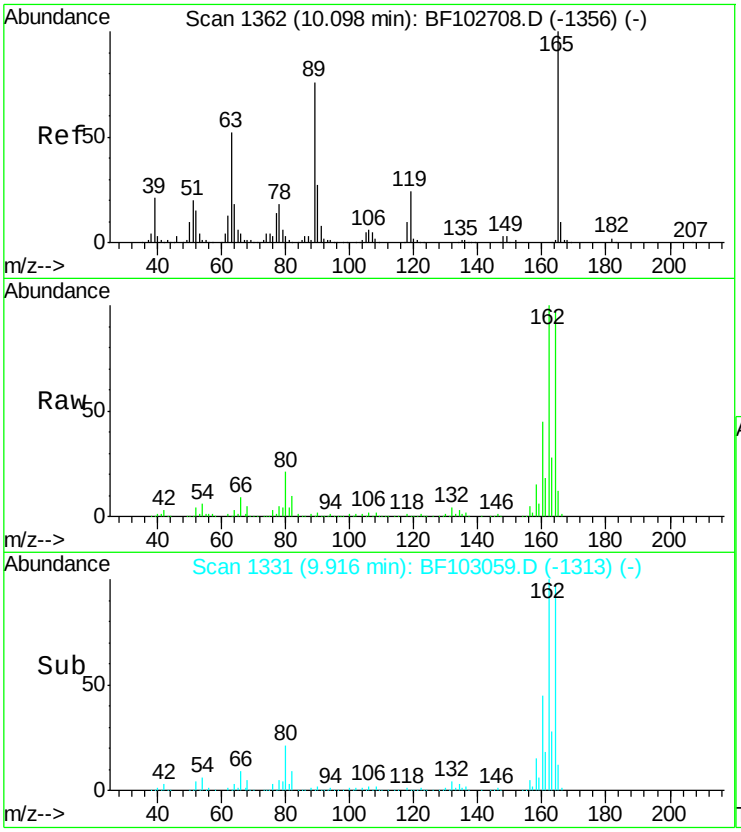


#55
4-Nitrophenol
Concen: 4.37 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:139 Resp: 1450

Ion	Ratio	Lower	Upper
139	100		
109	38.9	48.4	88.4#
65	0.0	72.6	112.6#



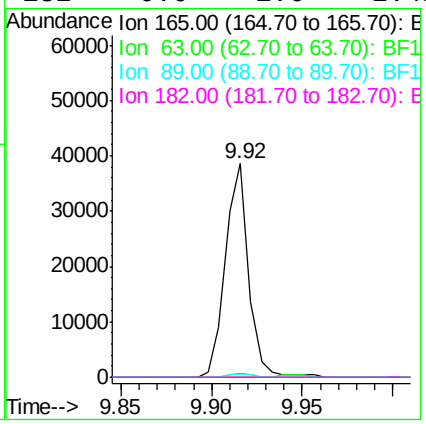


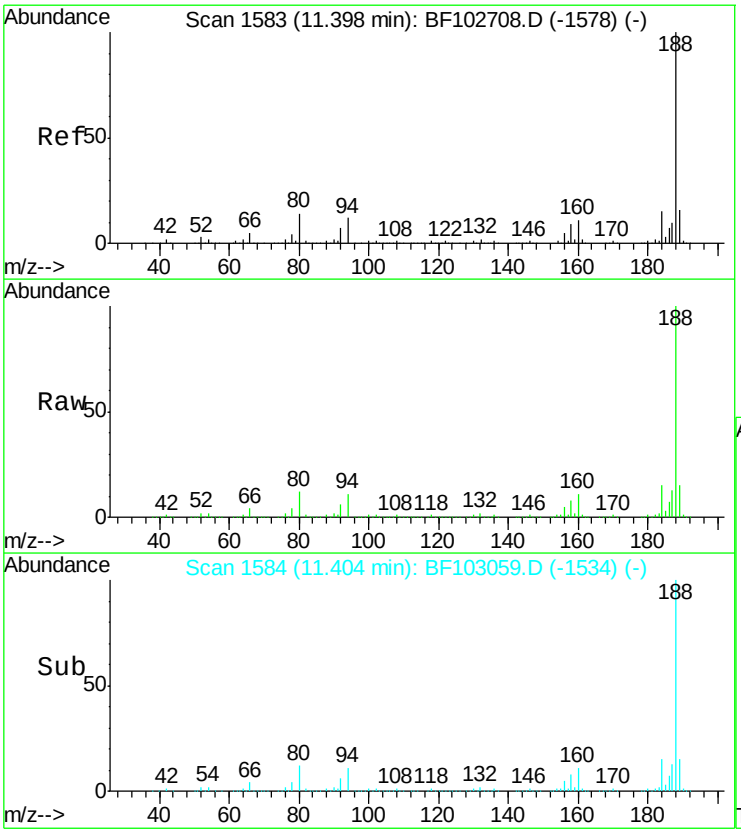
#56
2,4-Dinitrotoluene
Concen: 9.19 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34442

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

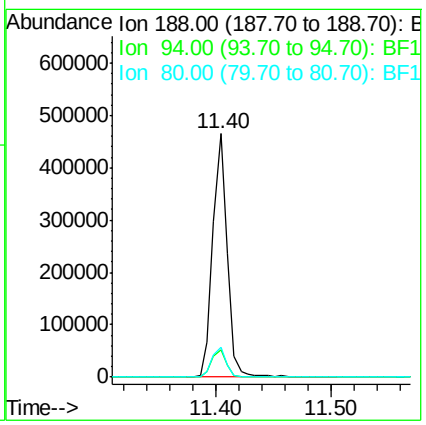


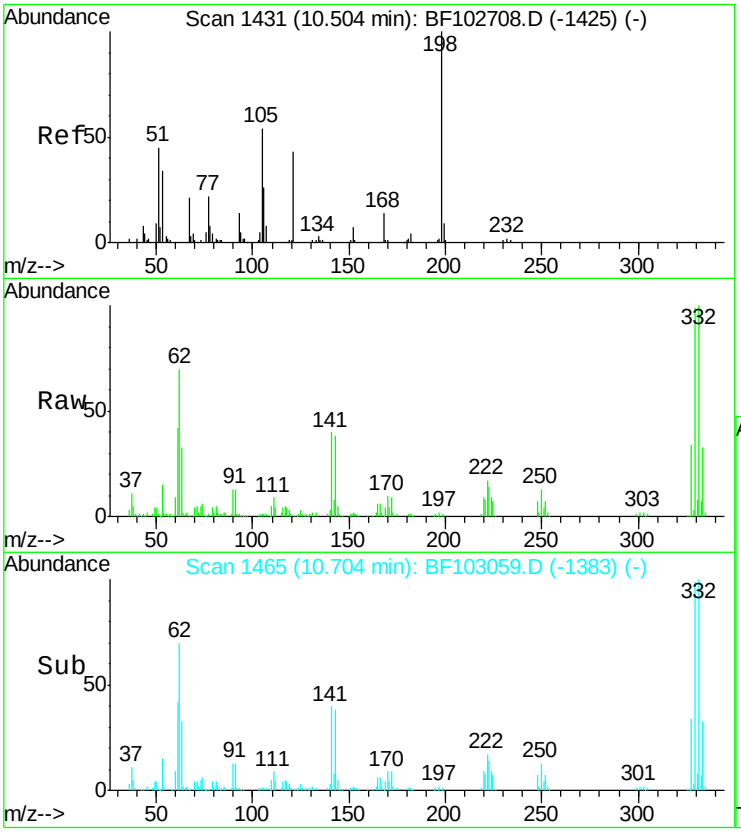


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:188 Resp: 403127

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8



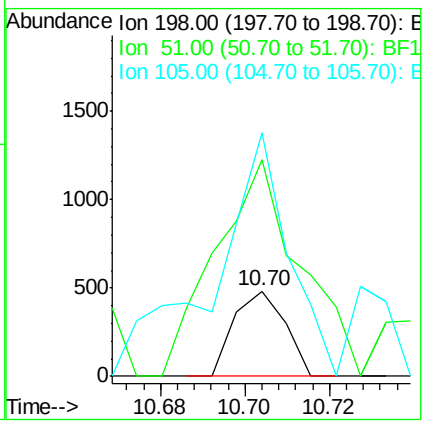


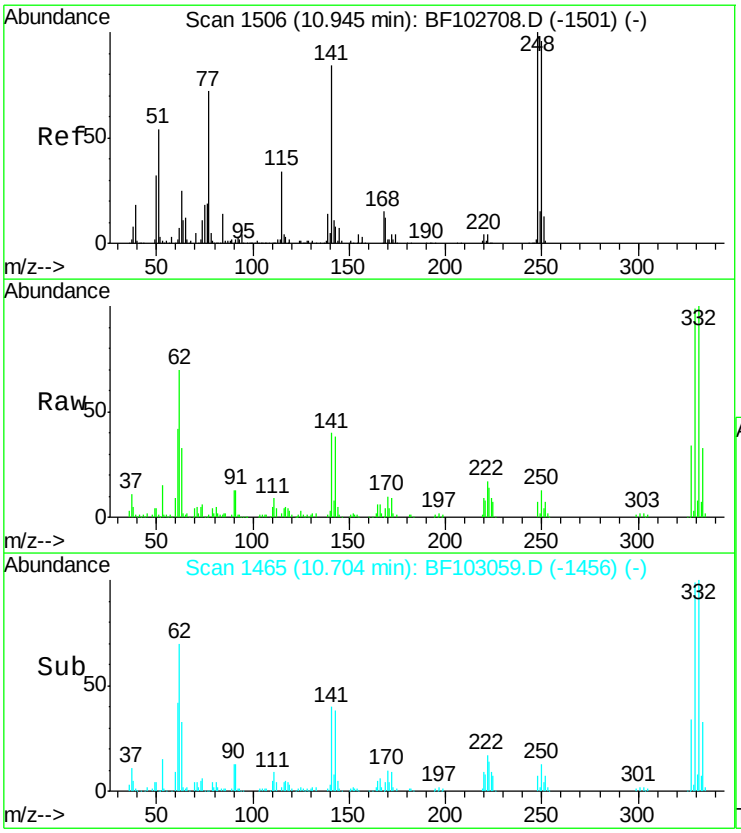
#64
4,6-Dinitro-2-methylphenol
Concen: 9.02 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 405

Ion	Ratio	Lower	Upper
198	100		
51	253.8	37.7	77.7#
105	285.3	36.3	76.3#

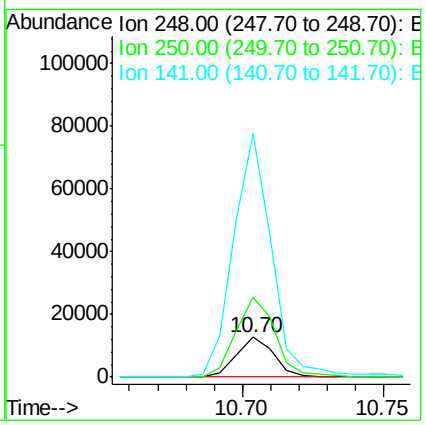


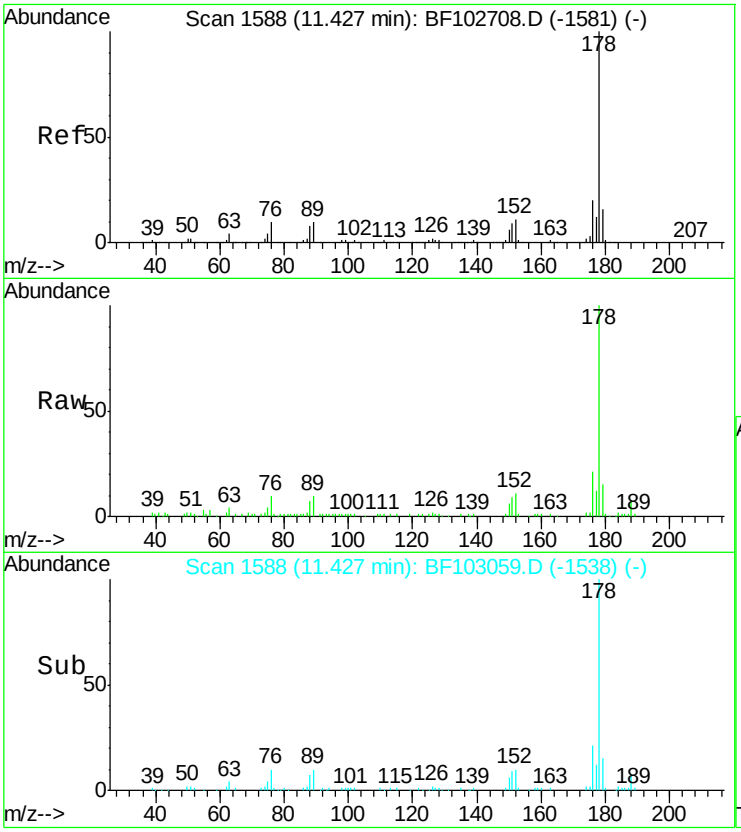


#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:248 Resp: 11649

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.9	115.3#
141	610.3	74.4	111.6#



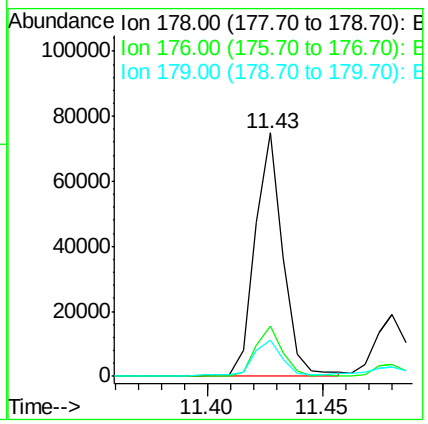


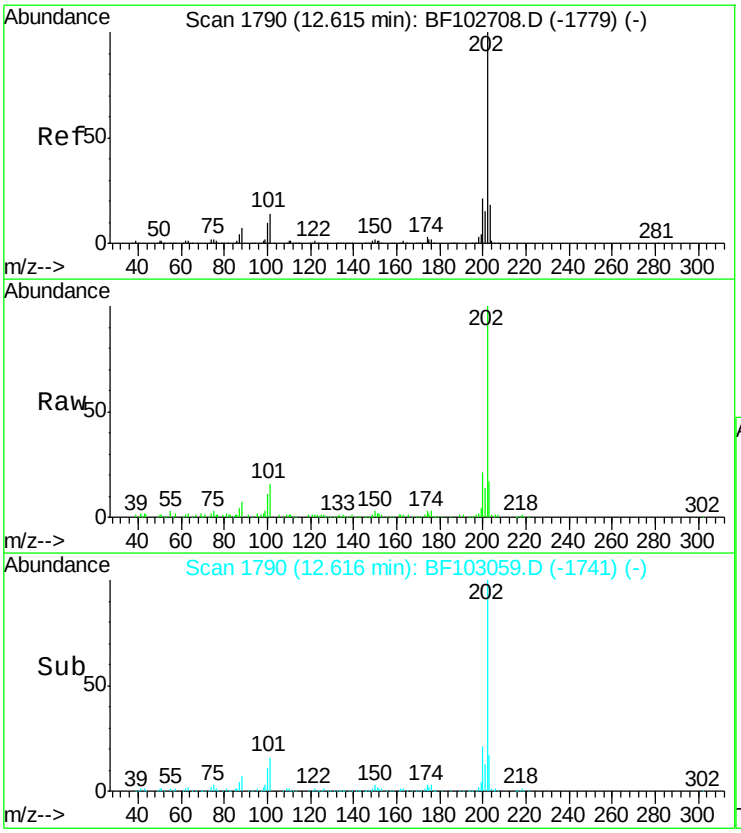
#70
Phenanthrene
Concen: 2.81 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 63061

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	14.8	13.0	19.6

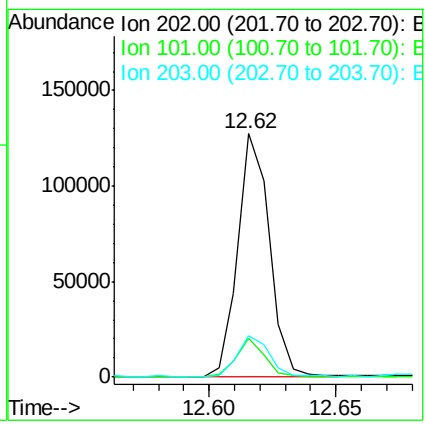


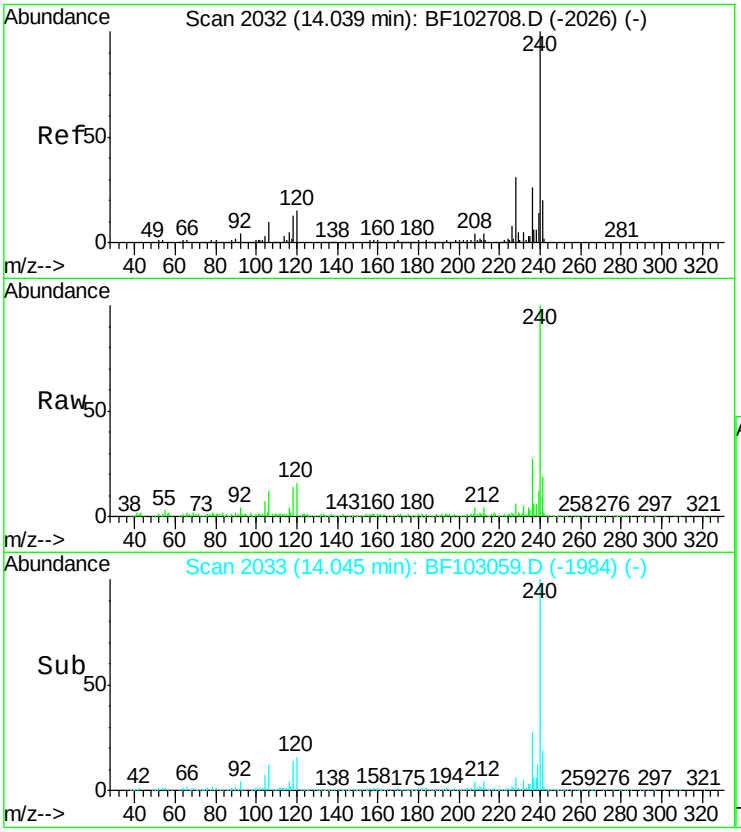


#74
Fluoranthene
Concen: 4.92 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:202 Resp: 111166

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	34.1
203	17.1	0.0	38.1



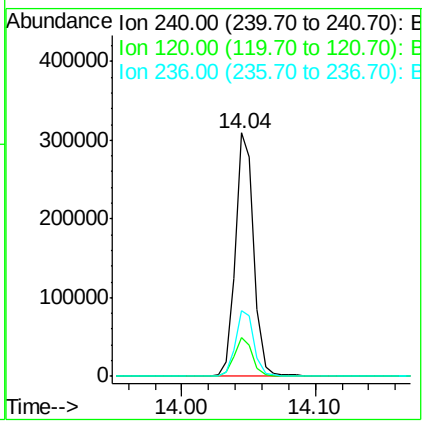


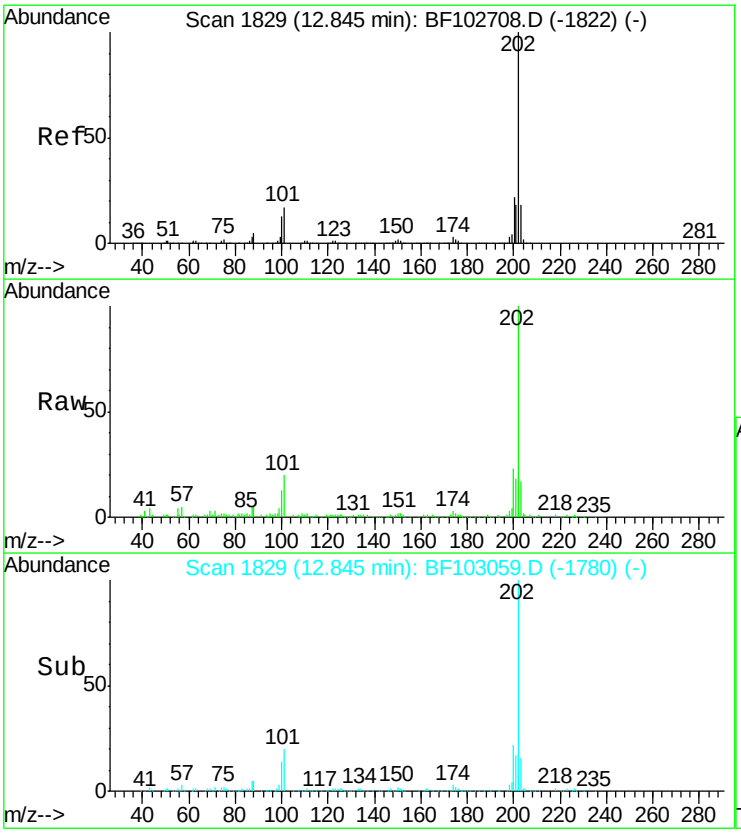
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 297539

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	27.0	20.7	31.1

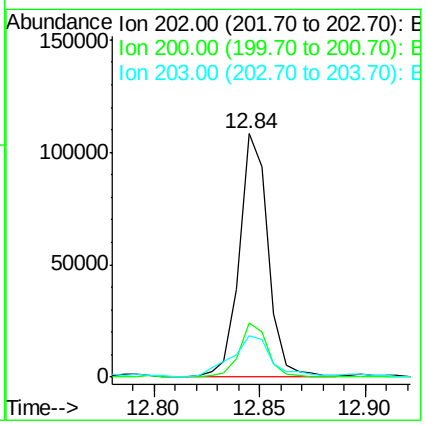


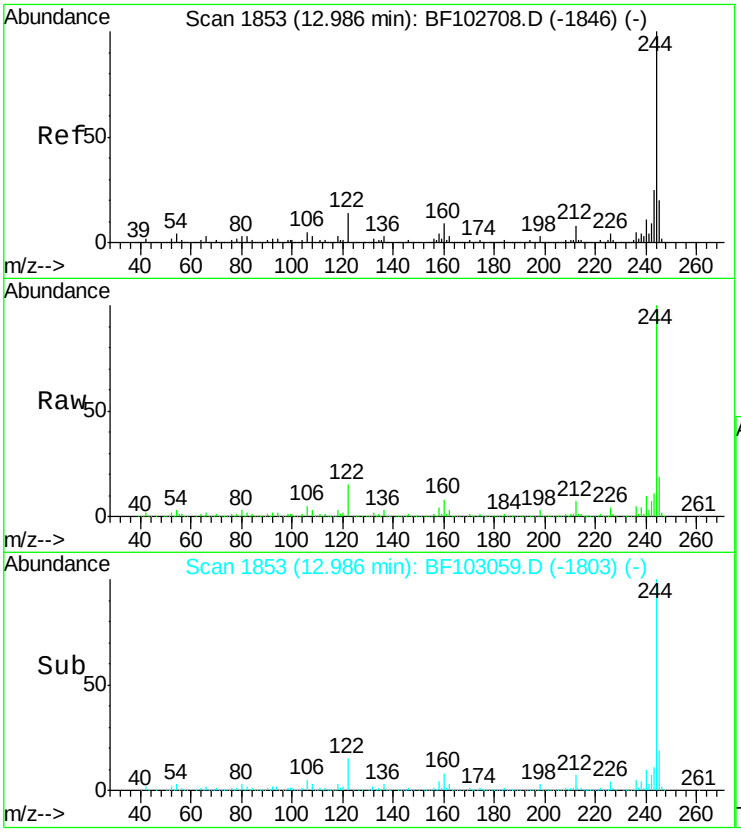


#77
Pyrene
Concen: 4.33 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:202 Resp: 101110

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.0	14.3	21.5



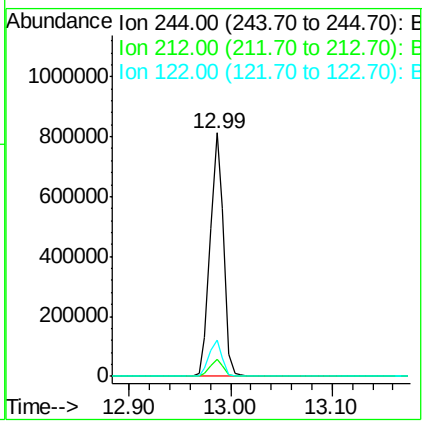


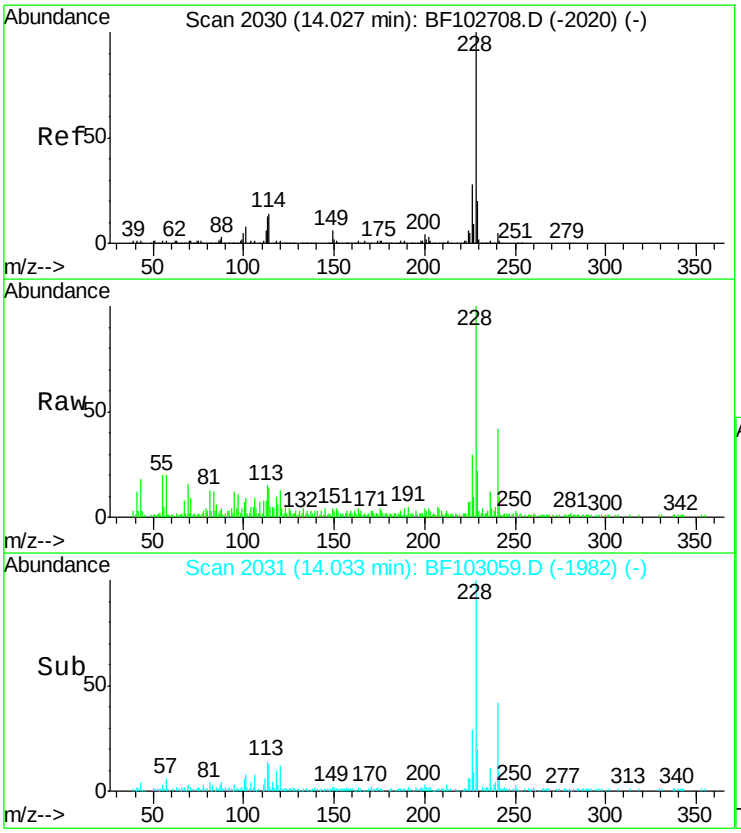
#78
Terphenyl-d14
Concen: 59.28 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 744966

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4

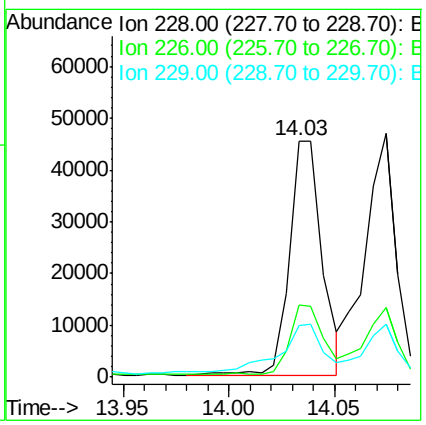


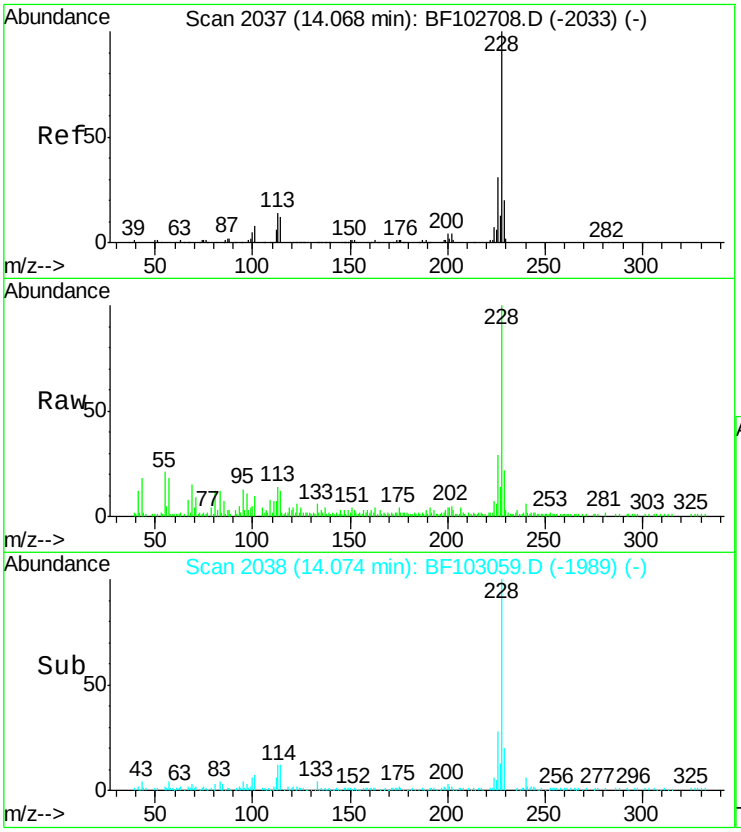


#80
Benzo(a)anthracene
Concen: 2.59 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:228 Resp: 48503

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.9	15.8	23.6



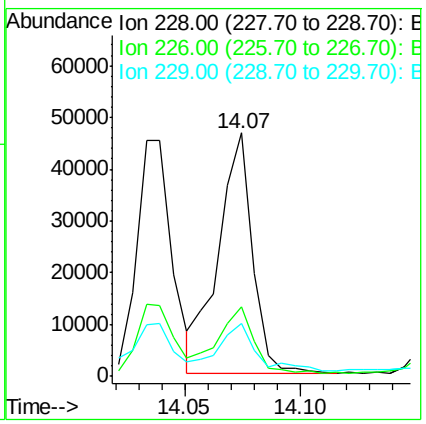


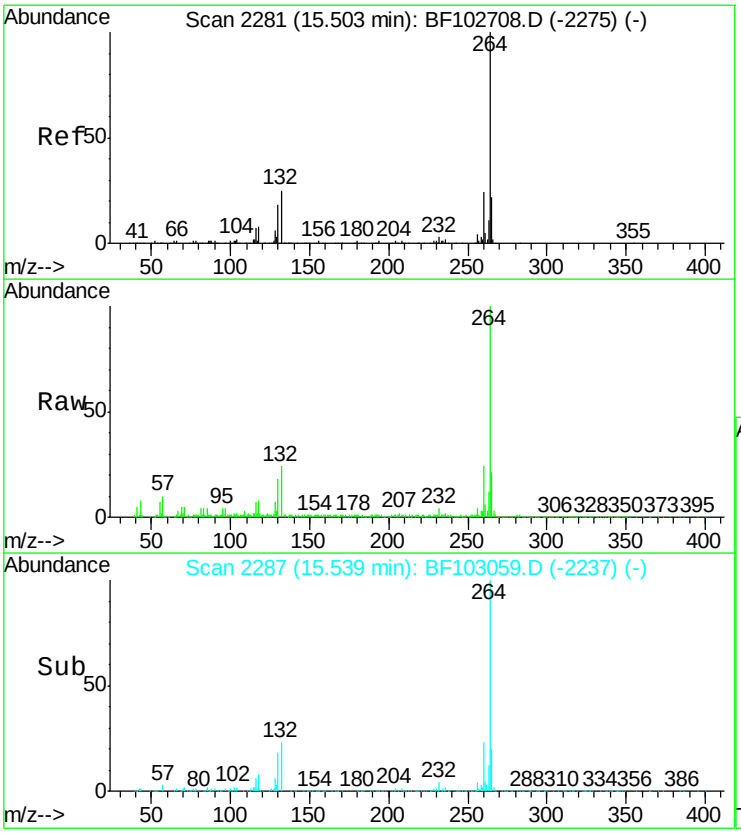
#82
Chrysene
Concen: 2.56 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48221

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	21.9	16.2	24.4

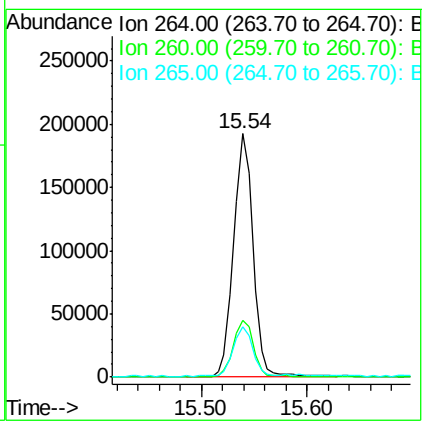


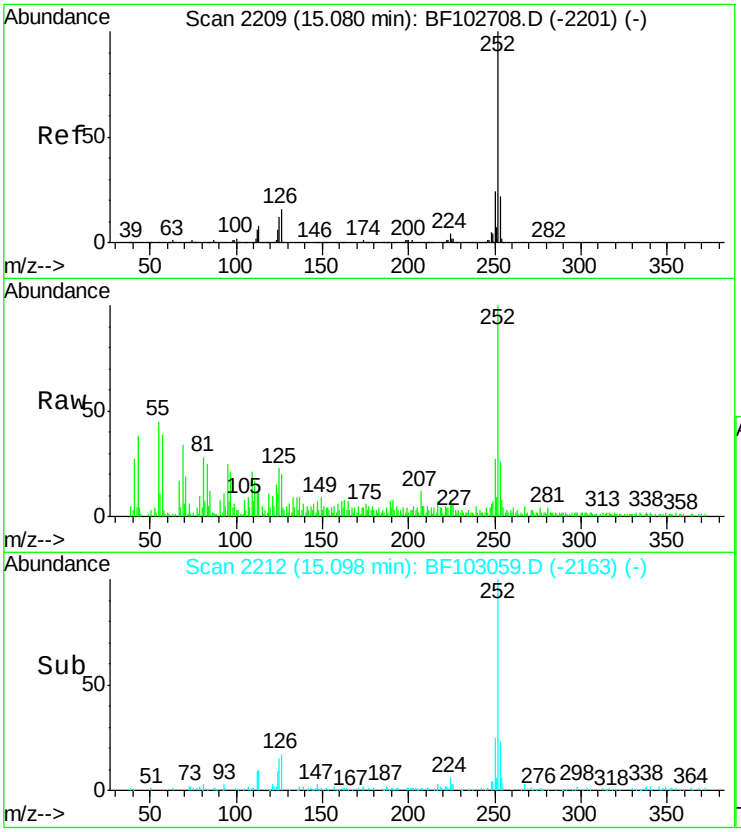


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:264 Resp: 245577

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3



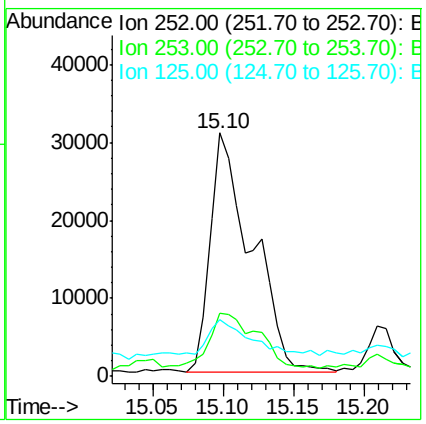


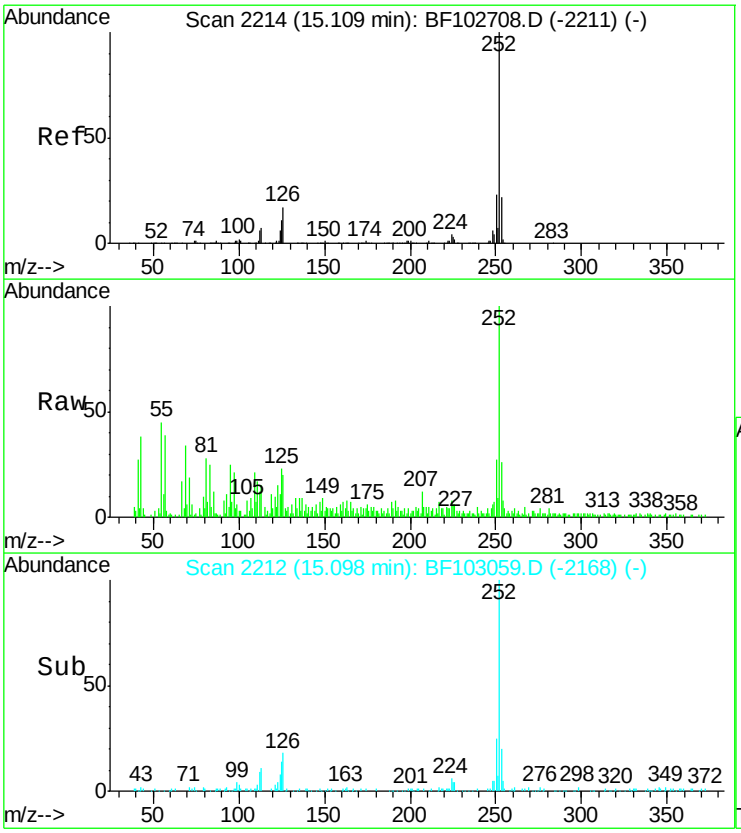
#87
Benzo(b)fluoranthene
Concen: 3.94 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 62785

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	23.1	9.0	13.6#

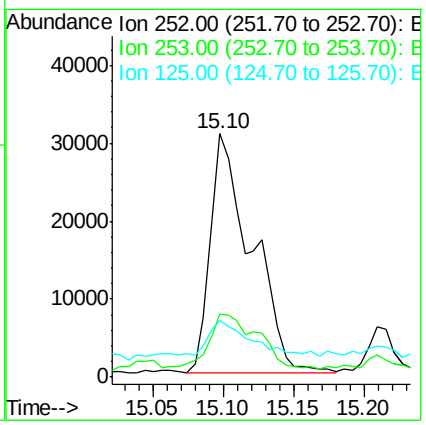


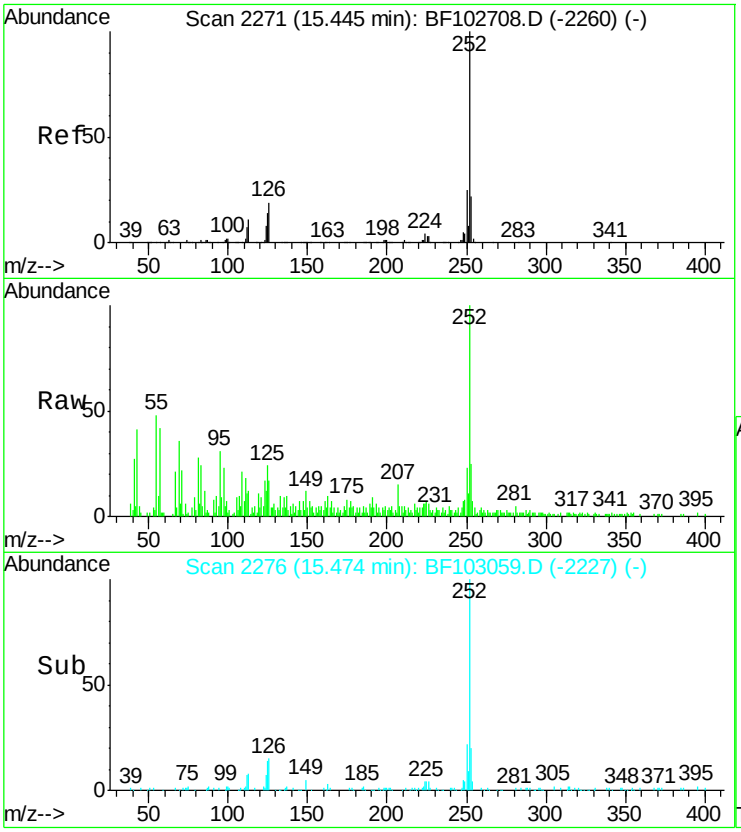


#88
Benzo(k)fluoranthene
Concen: 4.13 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion:252 Resp: 62785

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	23.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.26 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32414

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	23.9	9.8	14.6#