Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103362.D
Acq On : 2 Mar 2018 13:17
Operator : SJ/JU
Sample : J1402-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-022818-B

Quant Time: Mar 02 17:04:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156956	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	639924	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272198	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	431281	20.00	ng	0.00
75) Chrysene-d12	14.06	240	255067	20.00	ng	0.00
86) Perylene-d12	15.57	264	248522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	879088	84.71	ng	0.00
7) Phenol-d6	6.51	99	1107044	87.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	730452	65.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	185380	80.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1025741	60.51	ng	0.00
78) Terphenyl-d14	12.99	244	741181	69.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.51	77	2201	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	97561	12.344	ng	# 82
25) Isophorone	7.44	82	730446	33.098	ng	# 64
49) Dimethylphthalate	9.63	163	73949	3.387	ng	99
50) 2,6-Dinitrotoluene	9.92	165	34400	7.507	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	34400	5.936	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	320	5.055	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	12691	2.825	ng	# 1
74) Fluoranthene	12.63	202	117497	4.926	ng	100
77) Pyrene	12.86	202	101342	5.096	ng	98
80) Benzo(a)anthracene	14.05	228	45575	2.754	ng	99
82) Chrysene	14.09	228	49831	3.101	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	47634	3.360	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.10	276	27514	2.163	ng	95
87) Benzo(b)fluoranthene	15.13	252	94928	5.810	ng	# 93
88) Benzo(k)fluoranthene	15.13	252	94928	6.169	ng	# 96
89) Benzo(a)pyrene	15.50	252	47214	3.236	ng	# 94
91) Benzo(g,h,i)perylene	17.57	276	30626	2.779	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\BF030218\
Data File : BF103362.D
Acq On : 2 Mar 2018 13:17
Operator : SJ/JU
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PL-01-022818-B

Quant Time: Mar 02 17:04:56 2018
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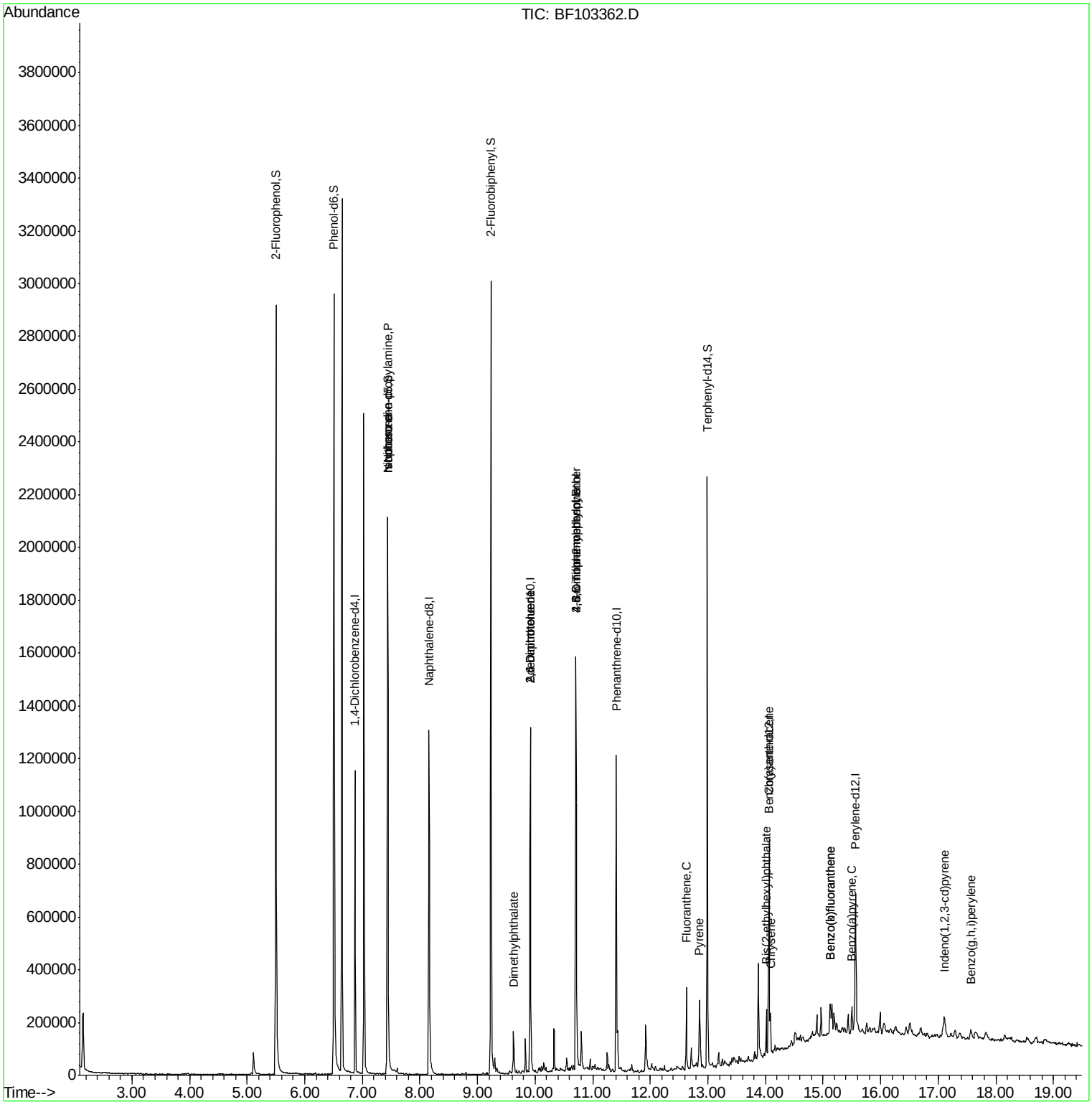
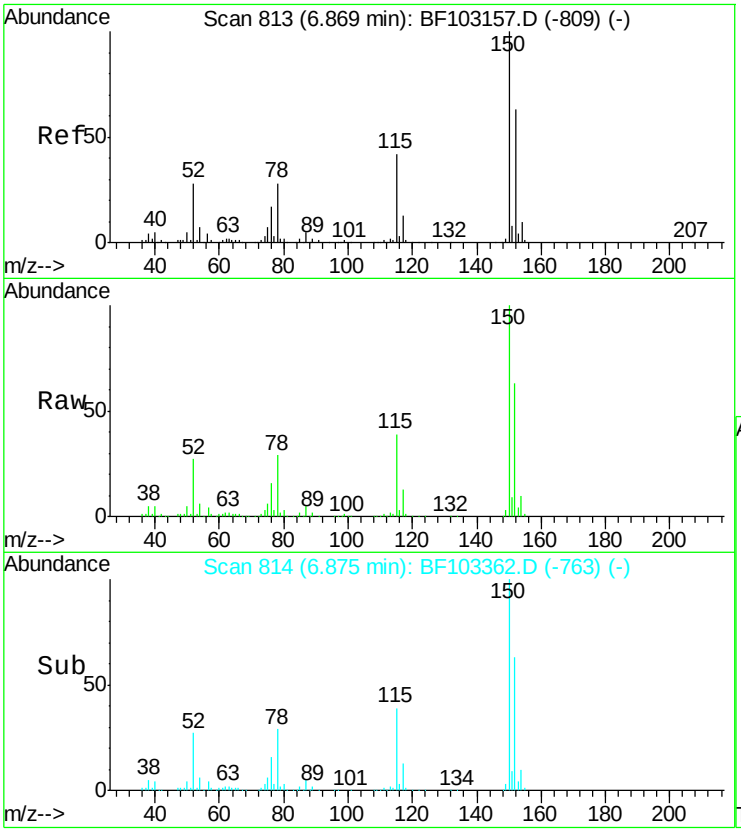


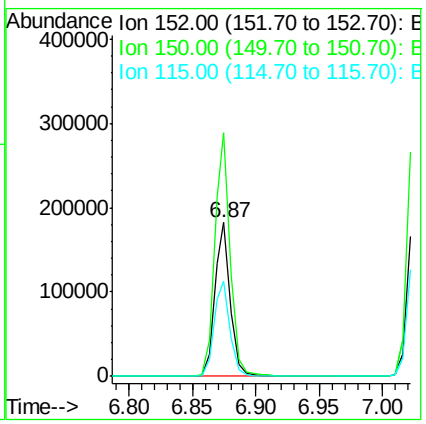


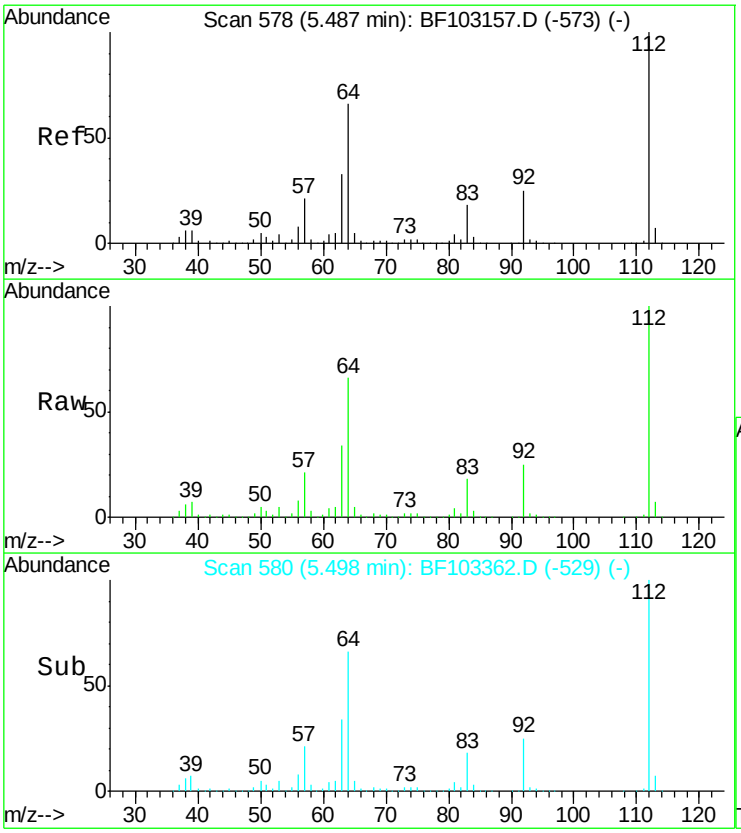
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:152 Resp: 156956

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.1	50.1	75.1

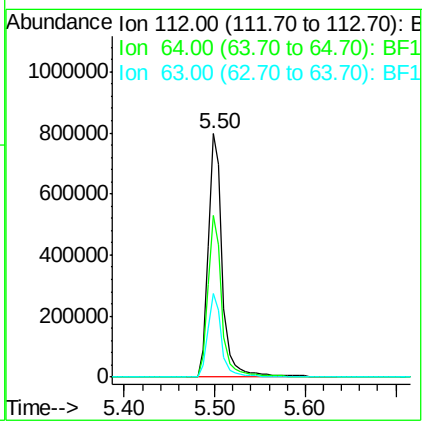


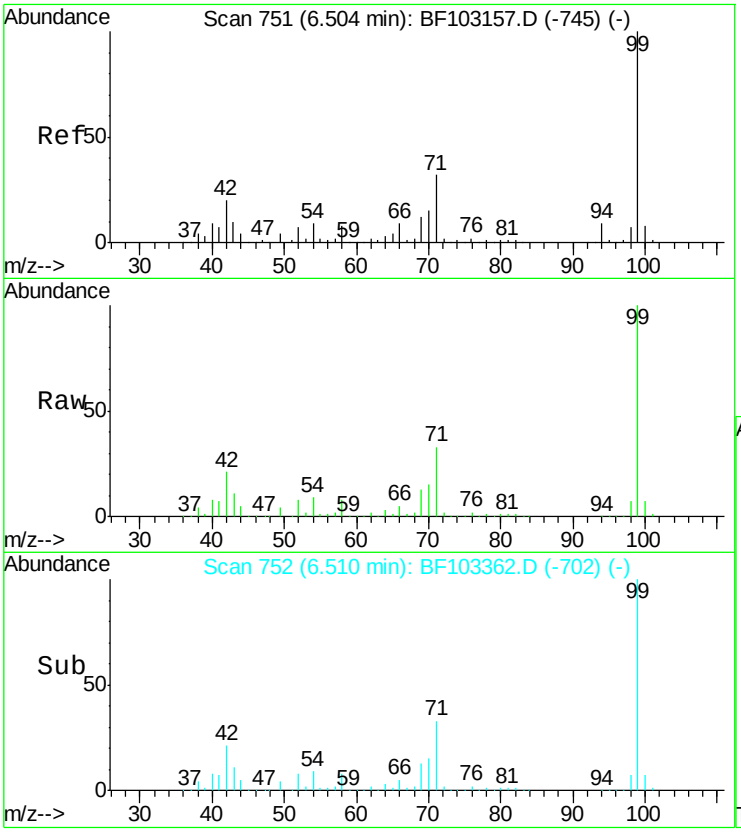


#5
2-Fluorophenol
Concen: 84.709 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:112 Resp: 879088

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.3	23.7	35.5



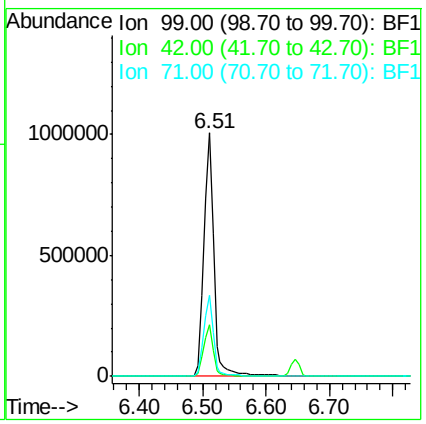


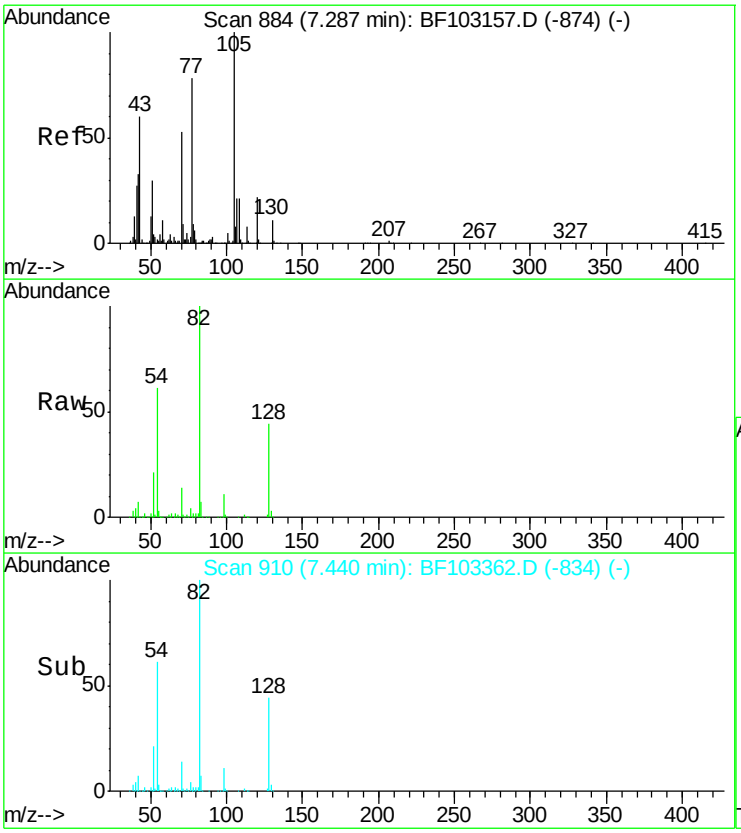
#7
Phenol-d6
Concen: 87.178 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion: 99 Resp: 1107044

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.5	25.4	38.0

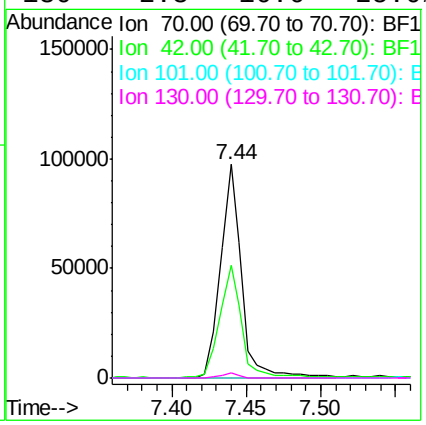


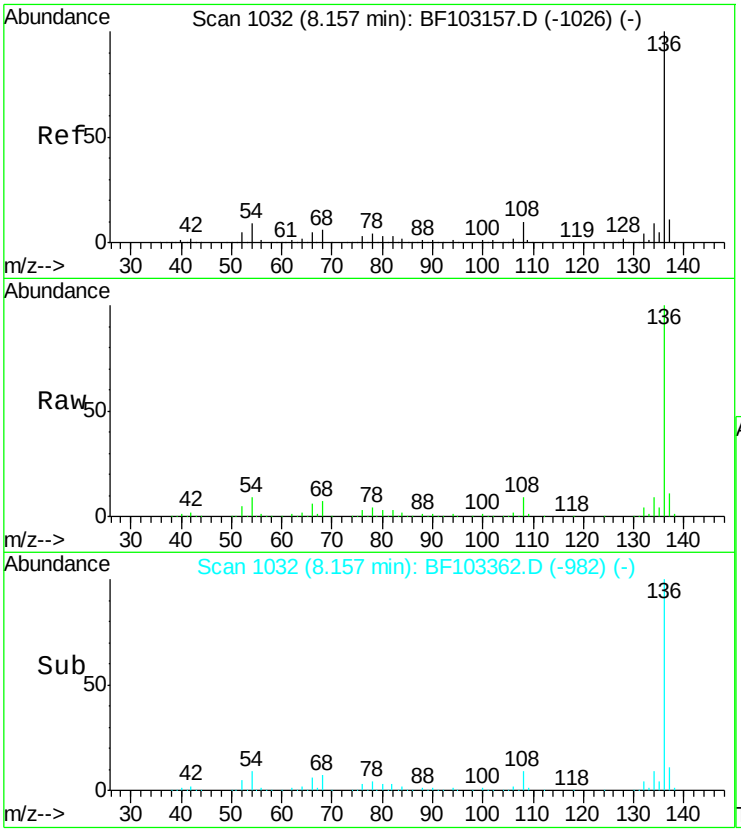


#19
n-Nitroso-di-n-propylamine
Concen: 12.344 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion: 70 Resp: 97561

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



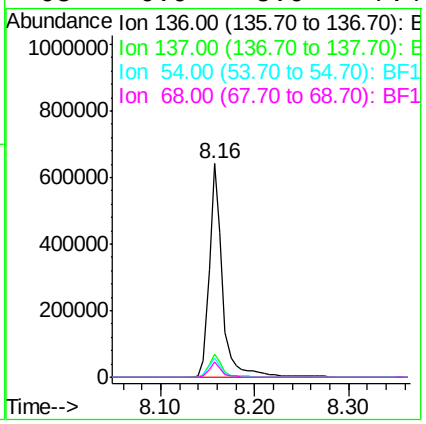


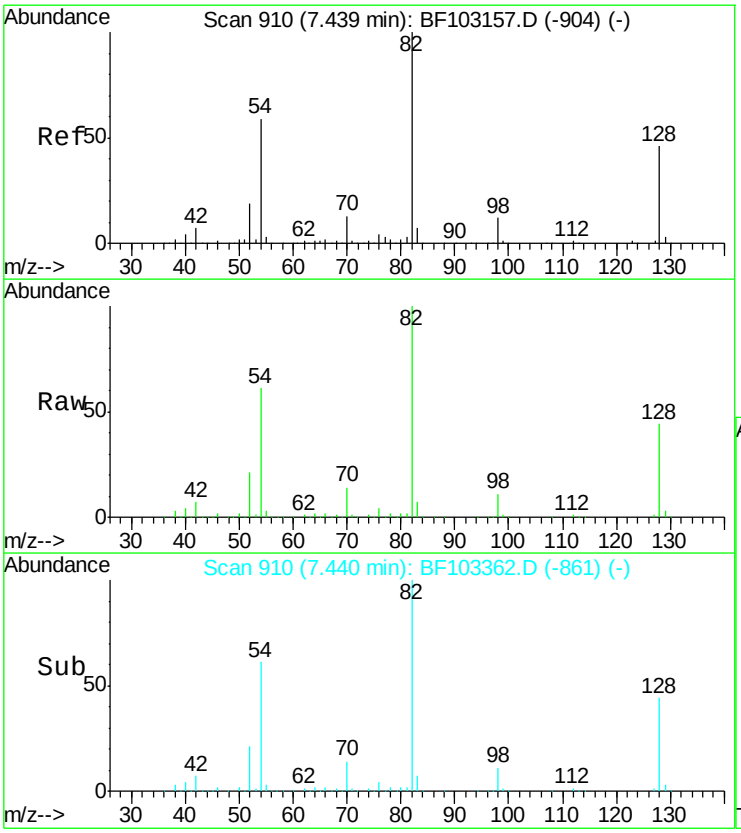
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:136 Resp: 639924

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	6.9	5.0	7.4

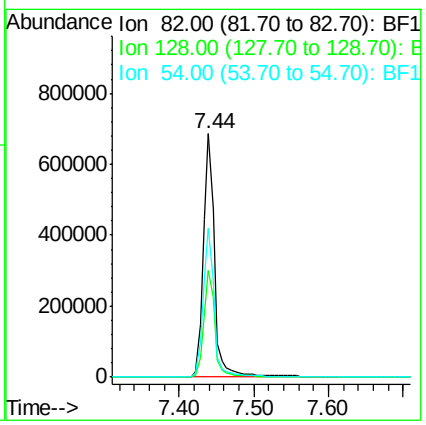


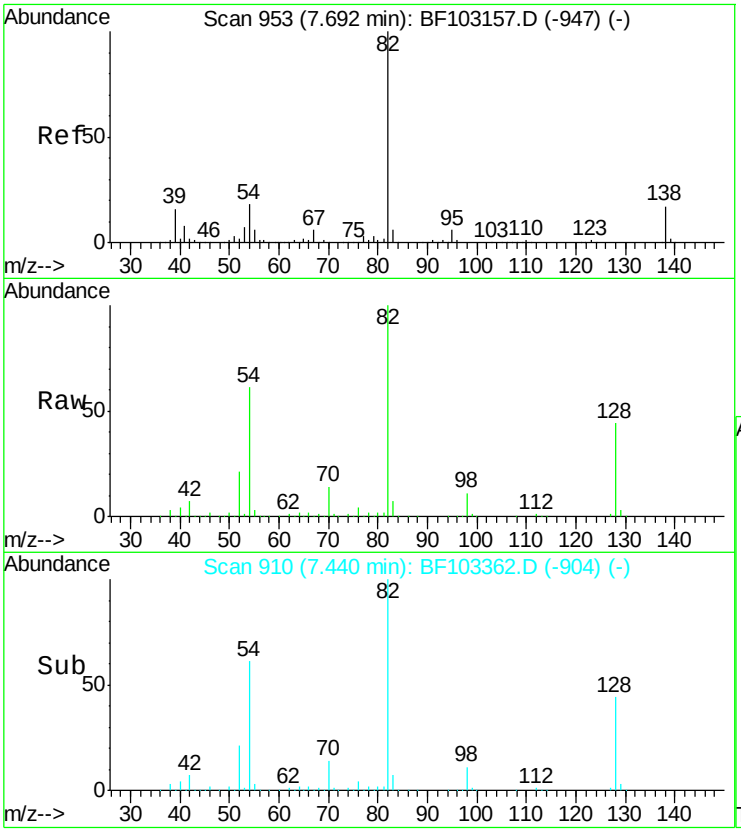


#23
Nitrobenzene-d5
Concen: 65.187 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion: 82 Resp: 730452

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	61.0	41.4	62.2



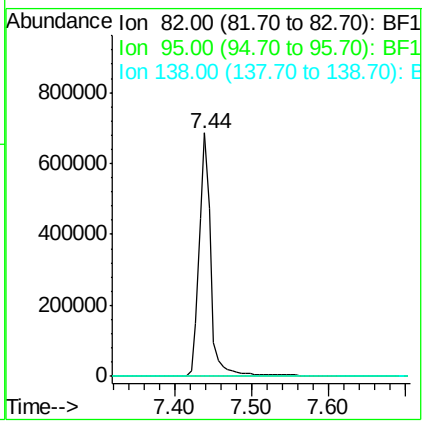


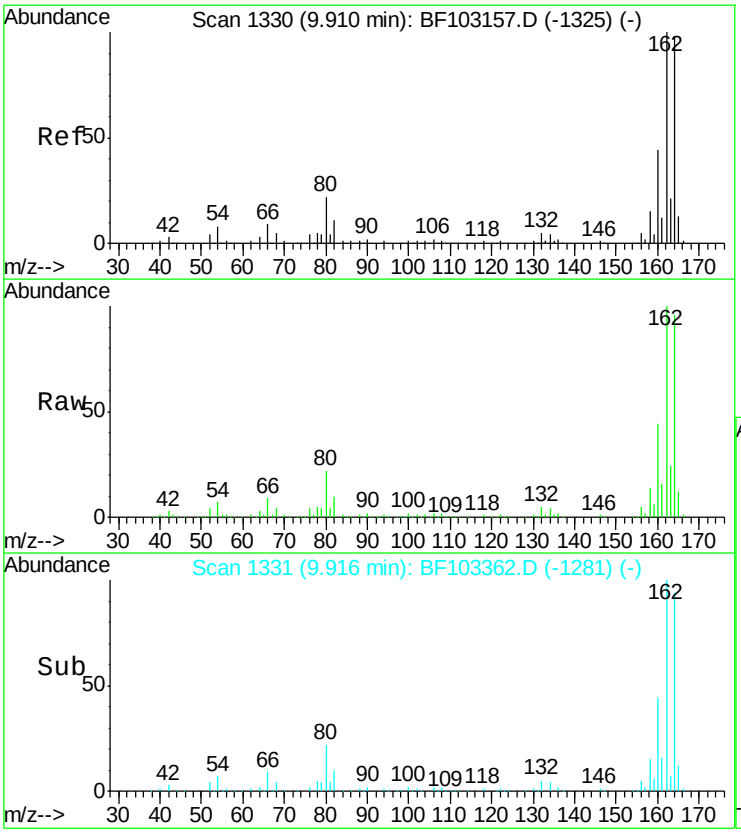
#25
Isophorone
Concen: 33.098 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion: 82 Resp: 730446

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

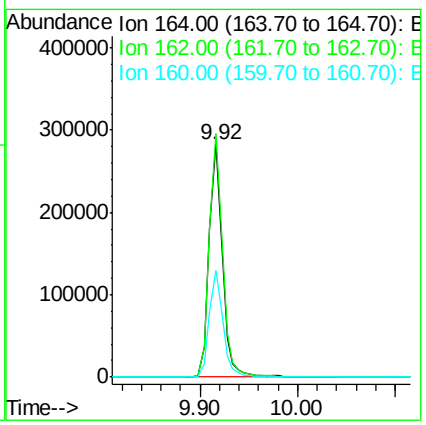


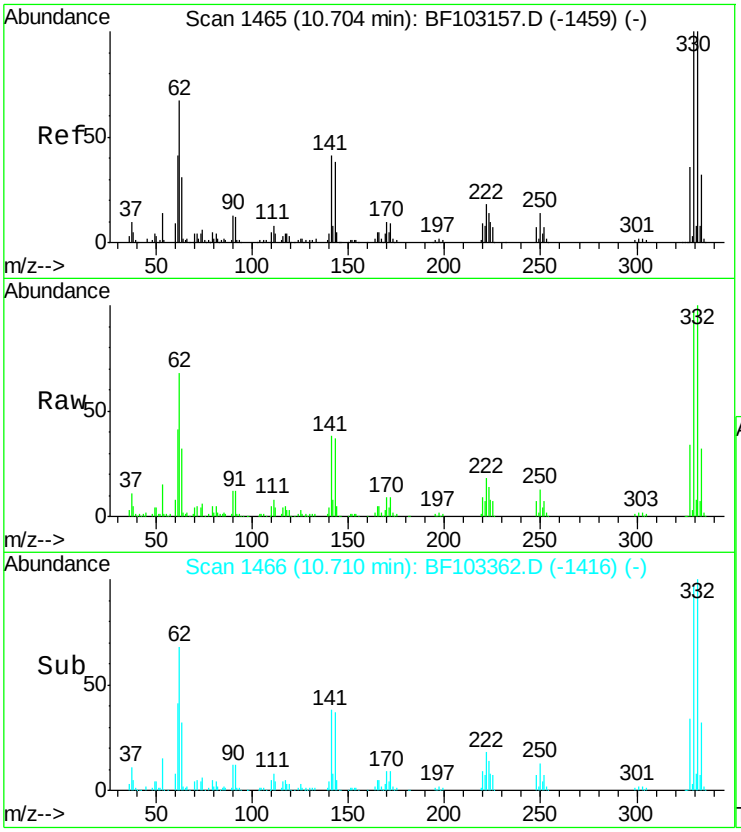


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:164 Resp: 272198

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.7	38.3	57.5



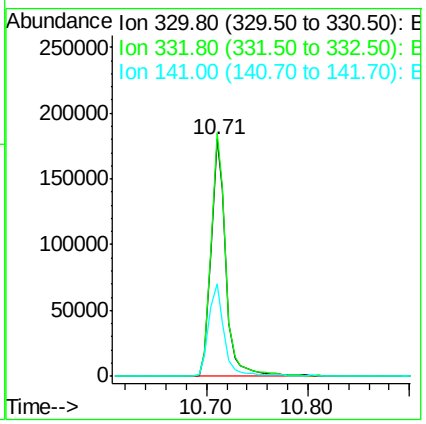


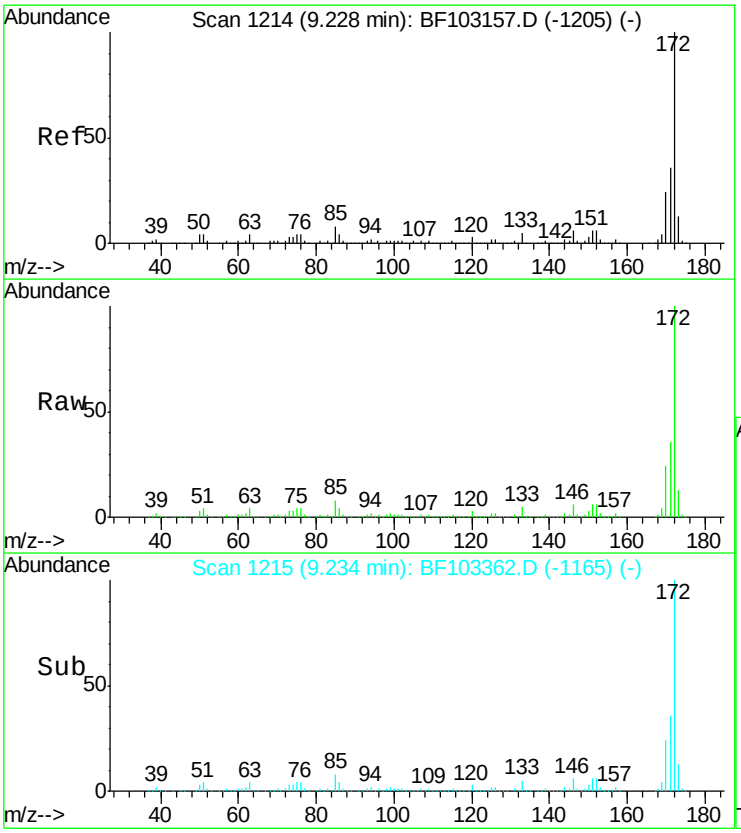
#41
2,4,6-Tribromophenol
Concen: 80.460 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:330 Resp: 185380

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	40.7	29.9	44.9

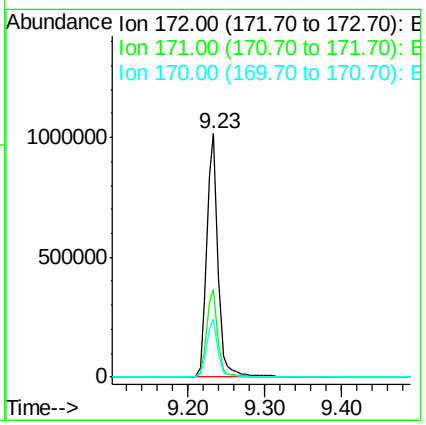


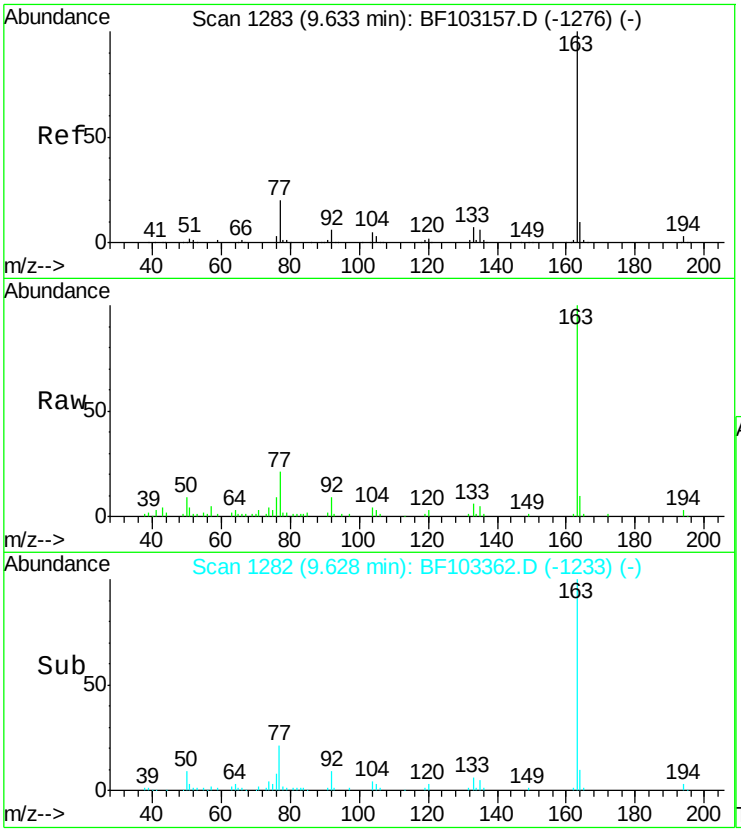


#44
2-Fluorobiphenyl
Concen: 60.508 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:172 Resp: 1025741

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



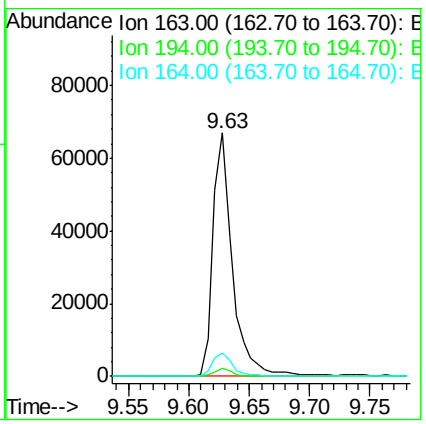


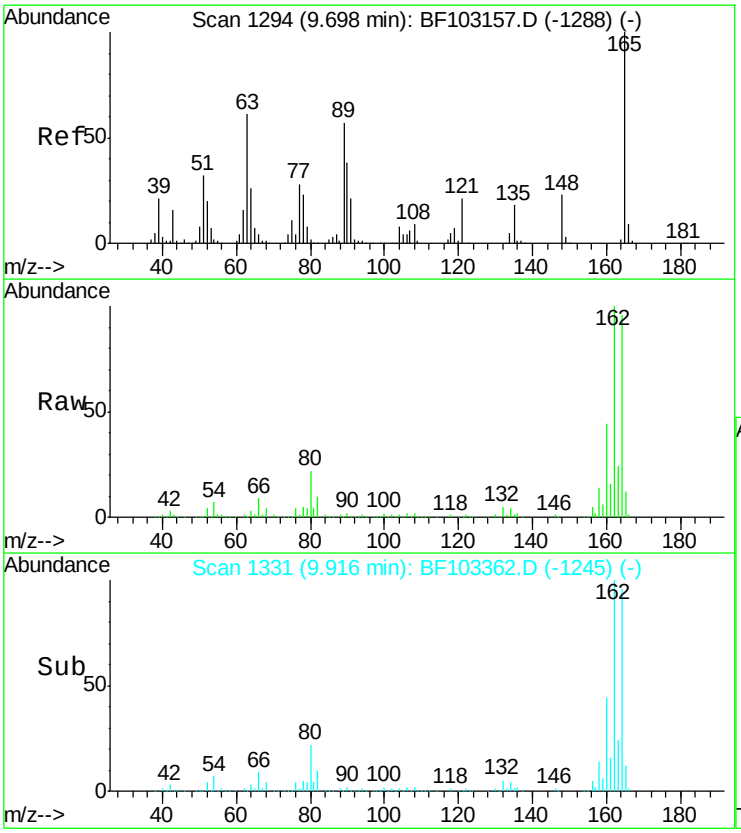
#49
Dimethylphthalate
Concen: 3.387 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:163 Resp: 73949

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

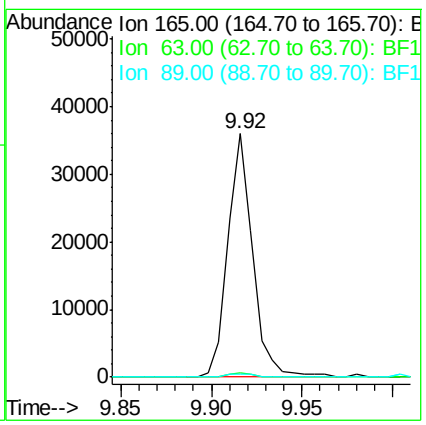


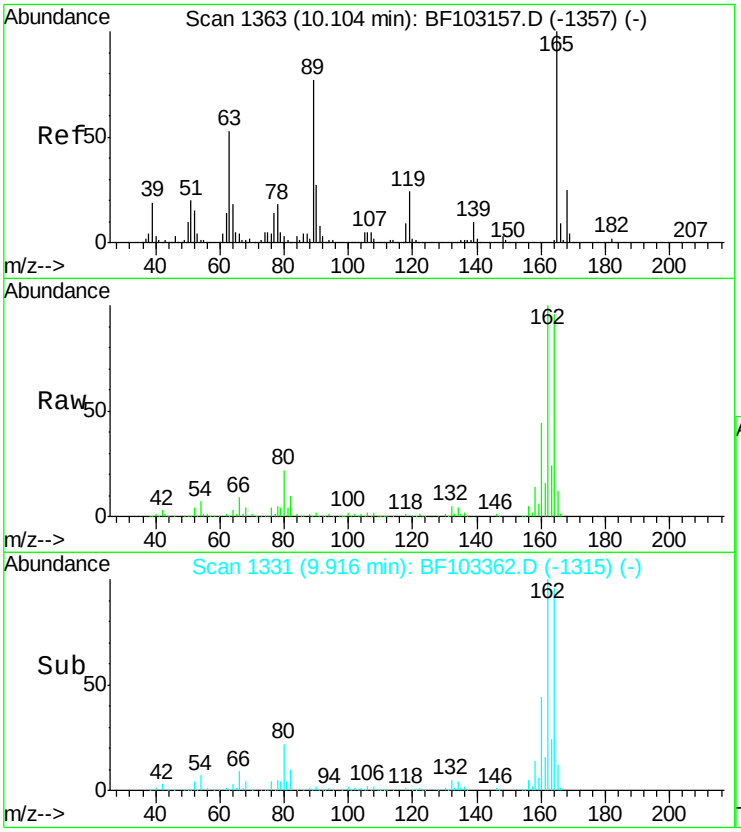


#50
2,6-Dinitrotoluene
Concen: 7.507 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:165 Resp: 34400

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.5	44.0	66.0#



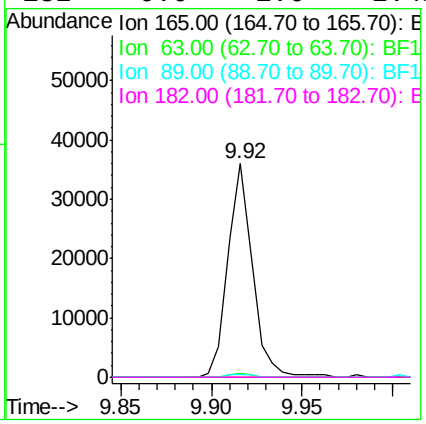


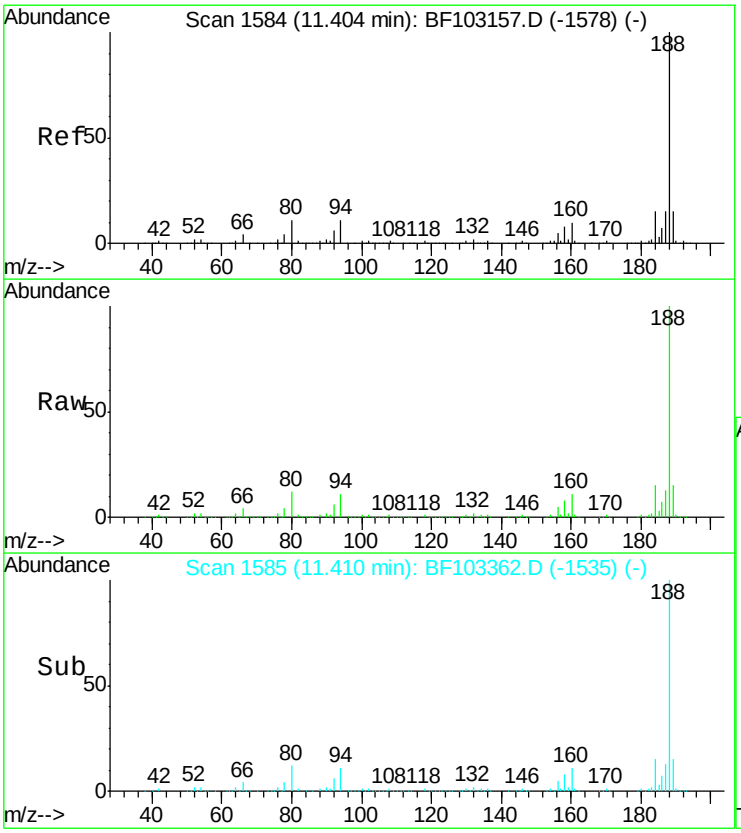
#56
2,4-Dinitrotoluene
Concen: 5.936 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:165 Resp: 34400

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

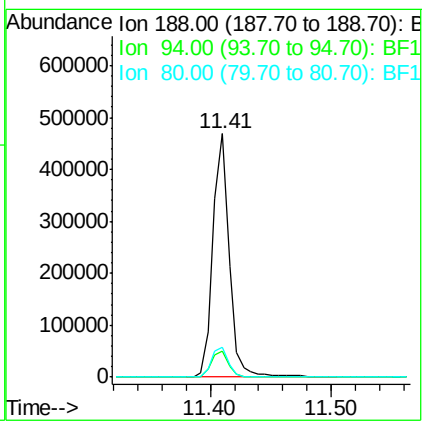


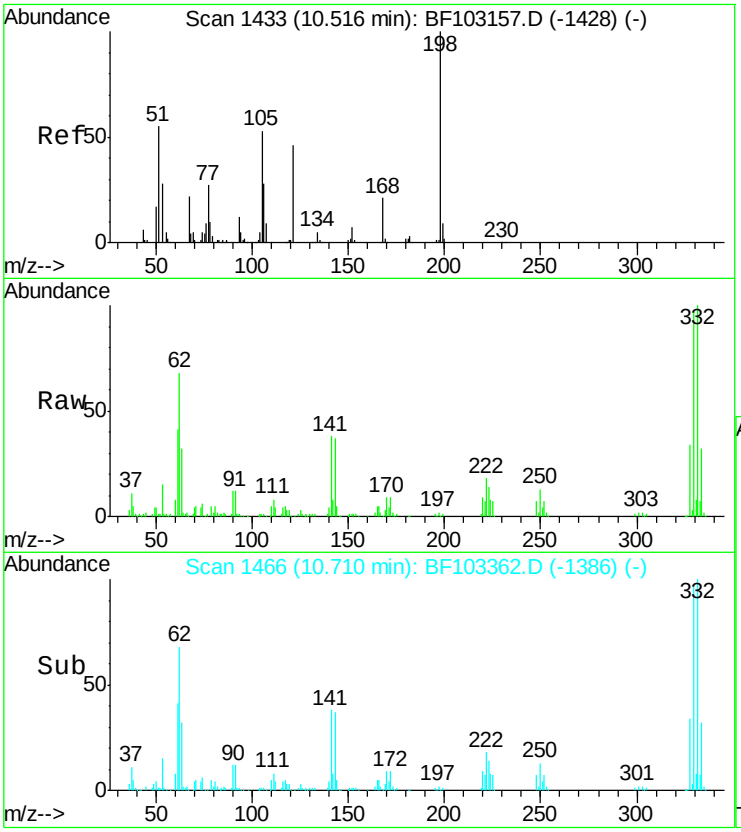


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:188 Resp: 431281

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.1	9.2	13.8



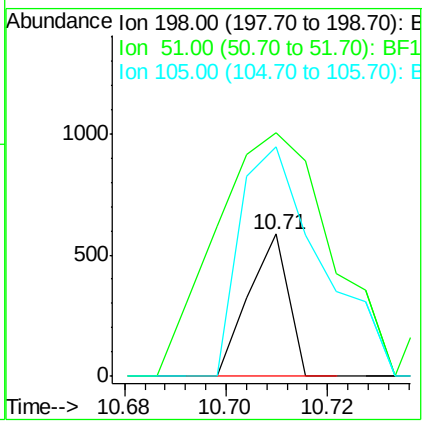


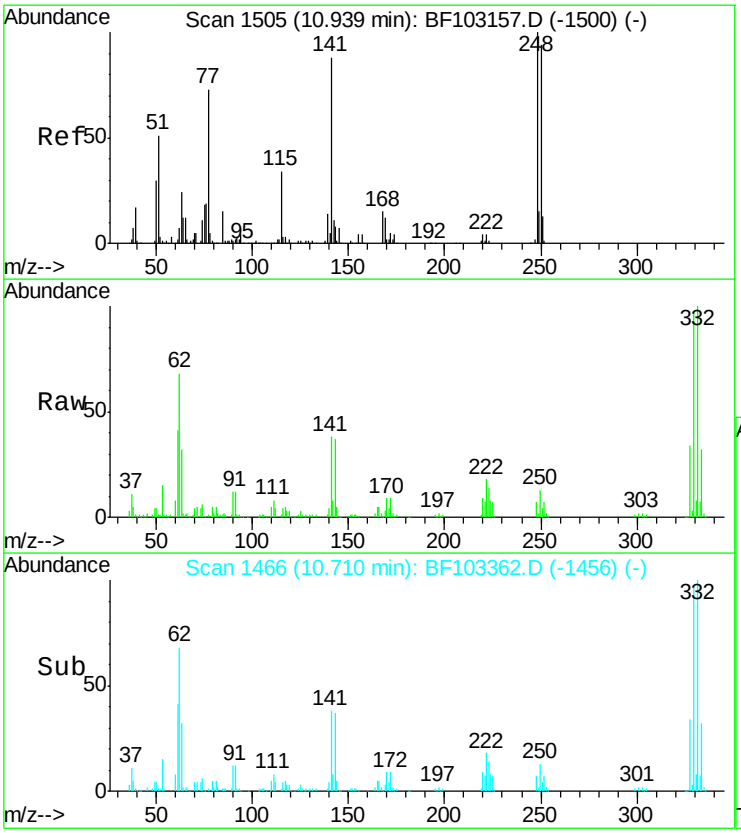
#64
4,6-Dinitro-2-methylphenol
Concen: 5.055 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.17 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:198 Resp: 320

Ion	Ratio	Lower	Upper
198	100		
51	171.2	37.7	77.7#
105	161.8	36.3	76.3#

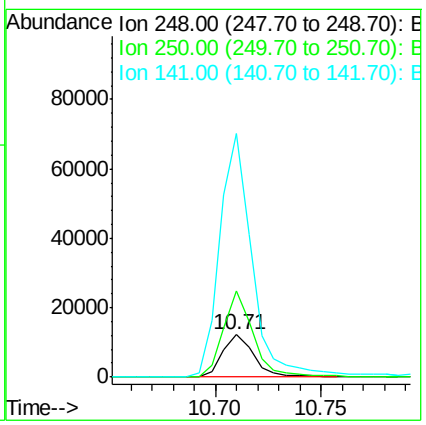


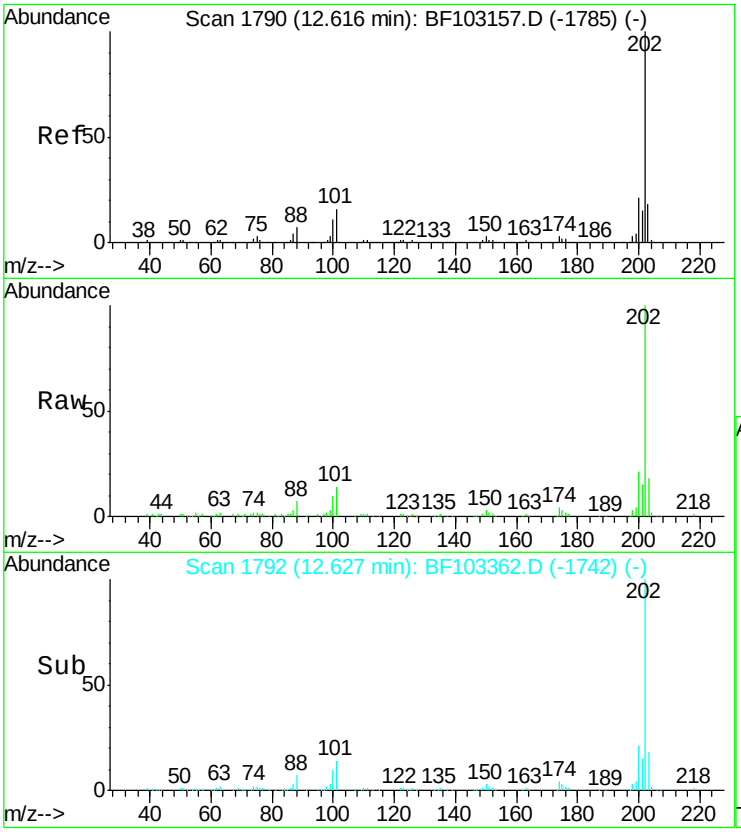


#66
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:248 Resp: 12691

Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.9	115.3#
141	577.1	74.4	111.6#



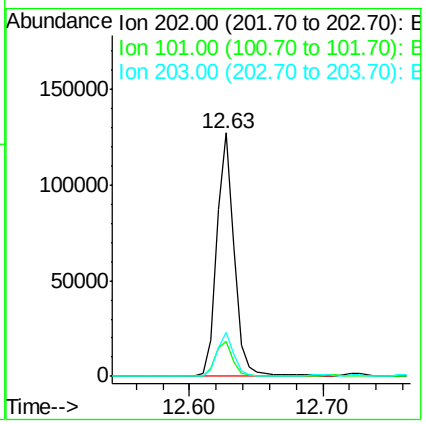


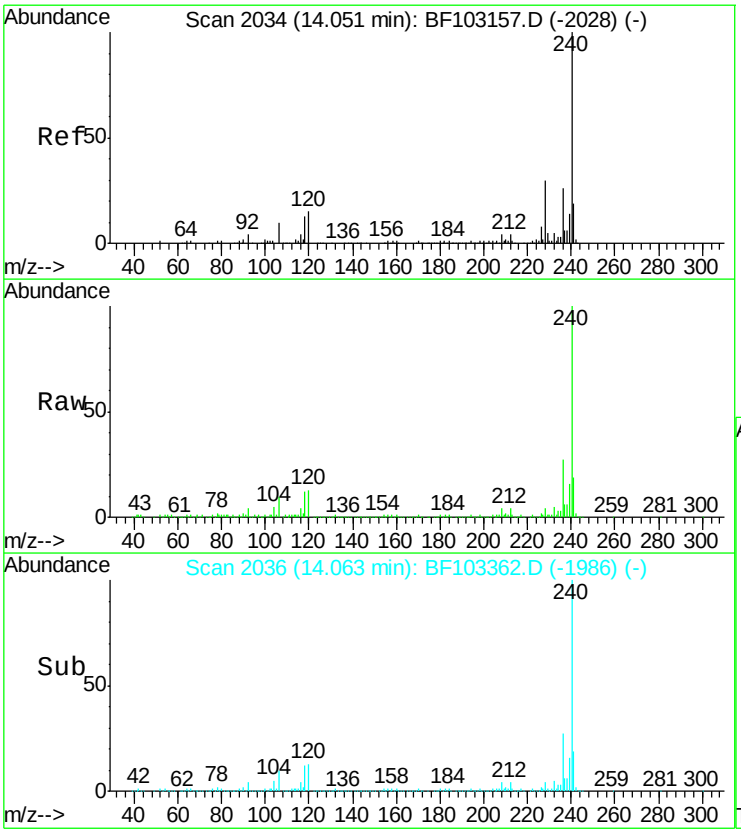
#74
Fluoranthene
Concen: 4.926 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:202 Resp: 117497

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	18.1	0.0	38.1

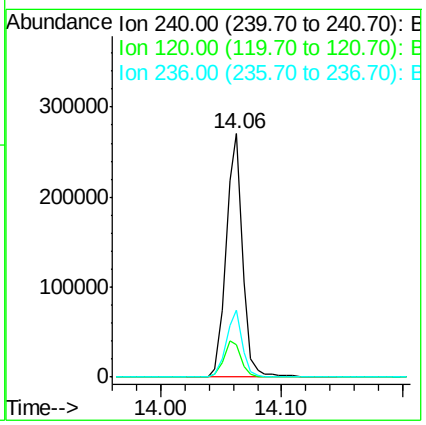


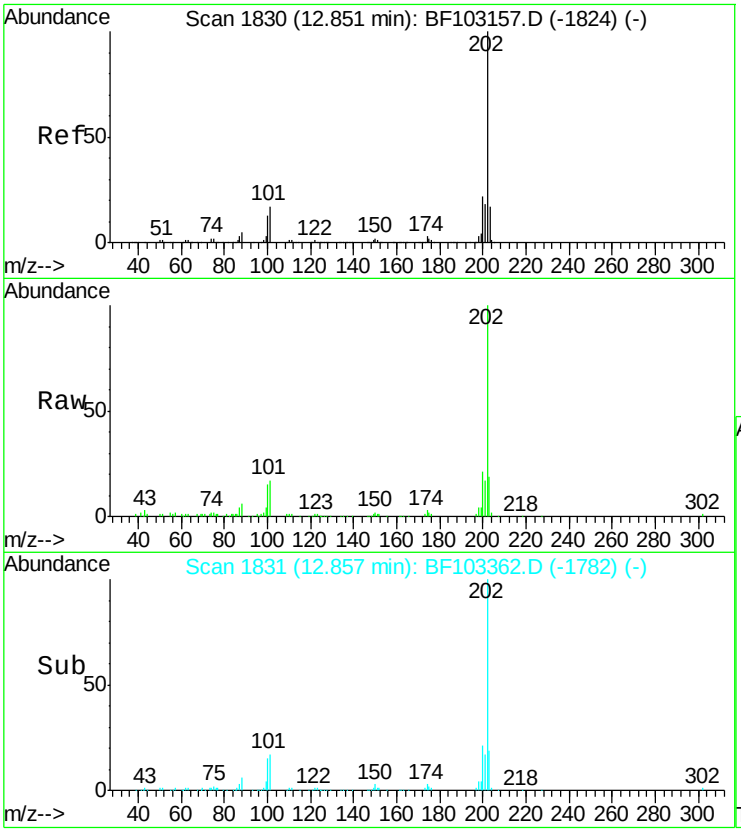


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:240 Resp: 255067

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	27.3	20.7	31.1



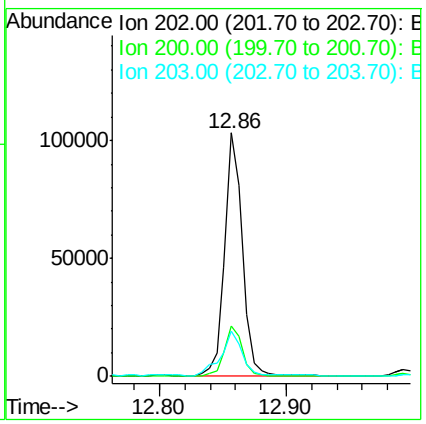


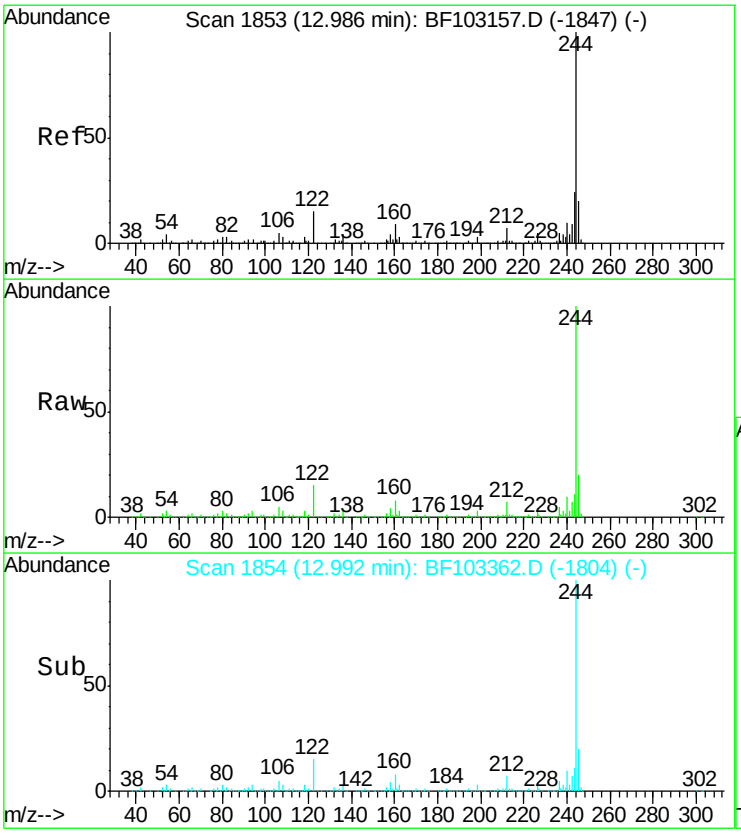
#77
Pyrene
Concen: 5.096 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:202 Resp: 101342

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.8	14.3	21.5

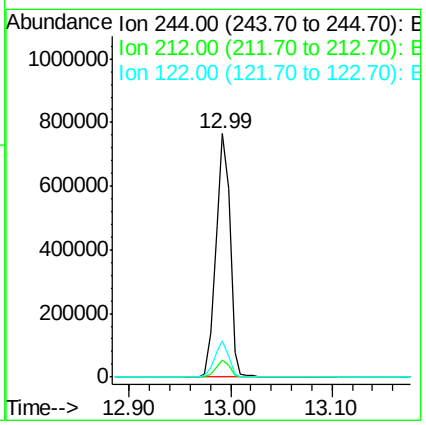


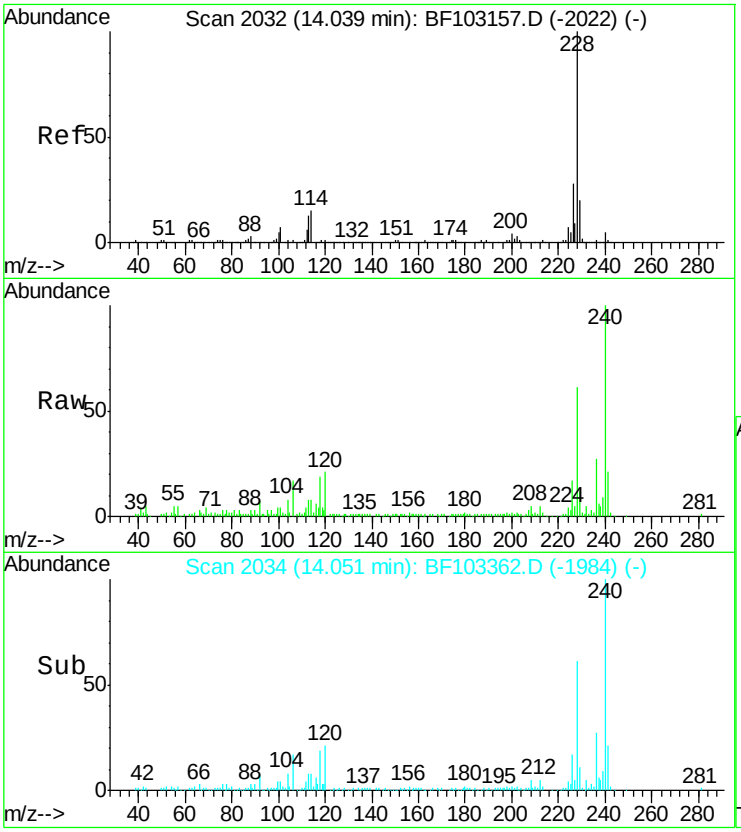


#78
Terphenyl-d14
Concen: 69.852 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:244 Resp: 741181

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.1	11.0	16.4



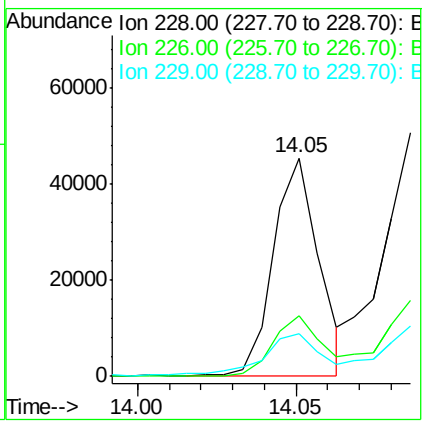


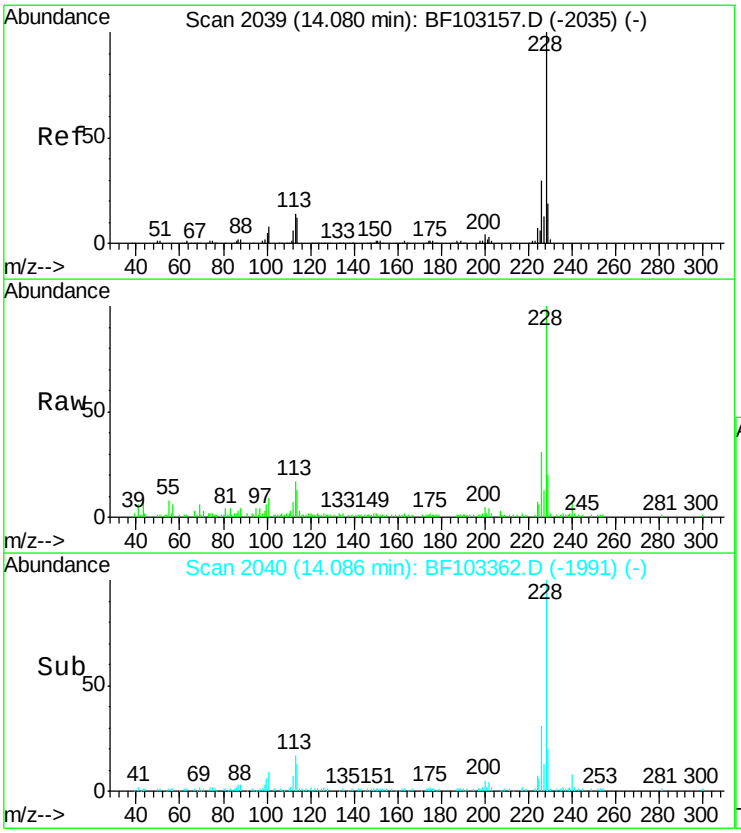
#80
Benzo(a)anthracene
Concen: 2.754 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:228 Resp: 45575

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.6	15.8	23.6

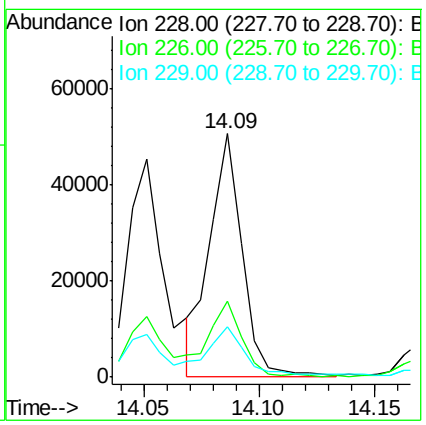


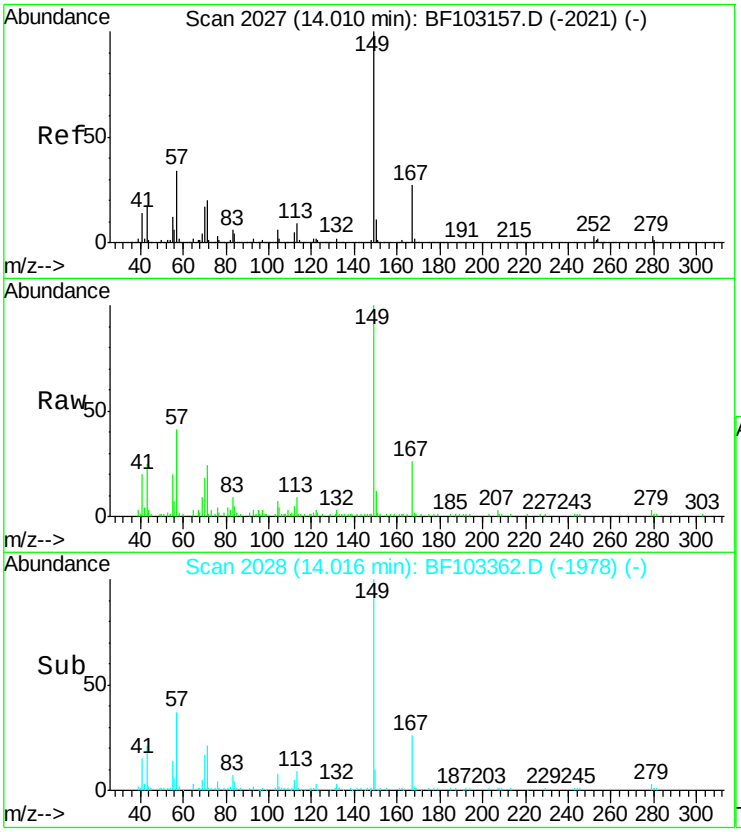


#82
Chrysene
Concen: 3.101 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:228 Resp: 49831

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.5	16.2	24.4



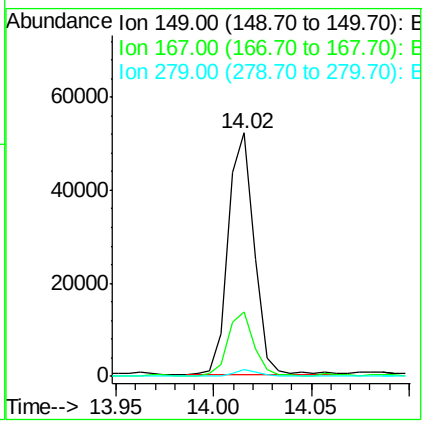


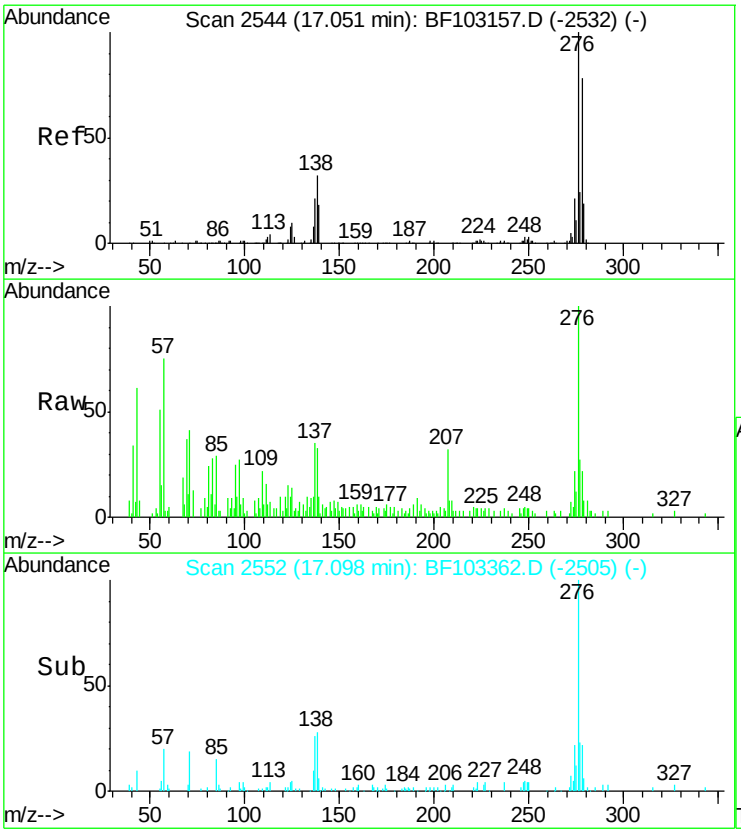
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.360 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:149 Resp: 47634

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4#

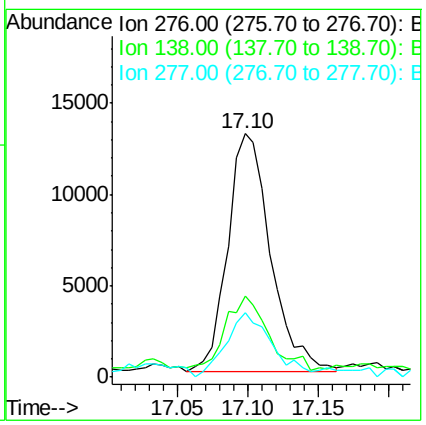


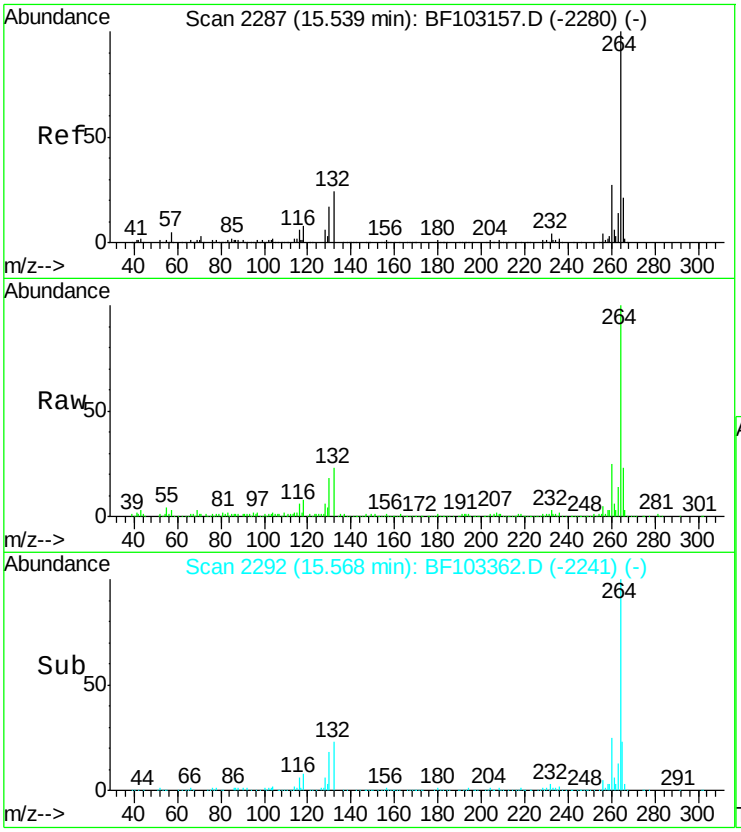


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.163 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:276 Resp: 27514

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	29.2	20.1	30.1



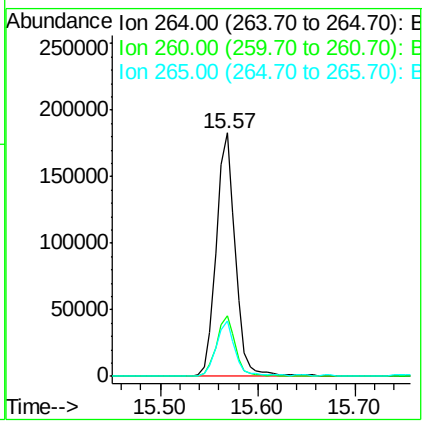


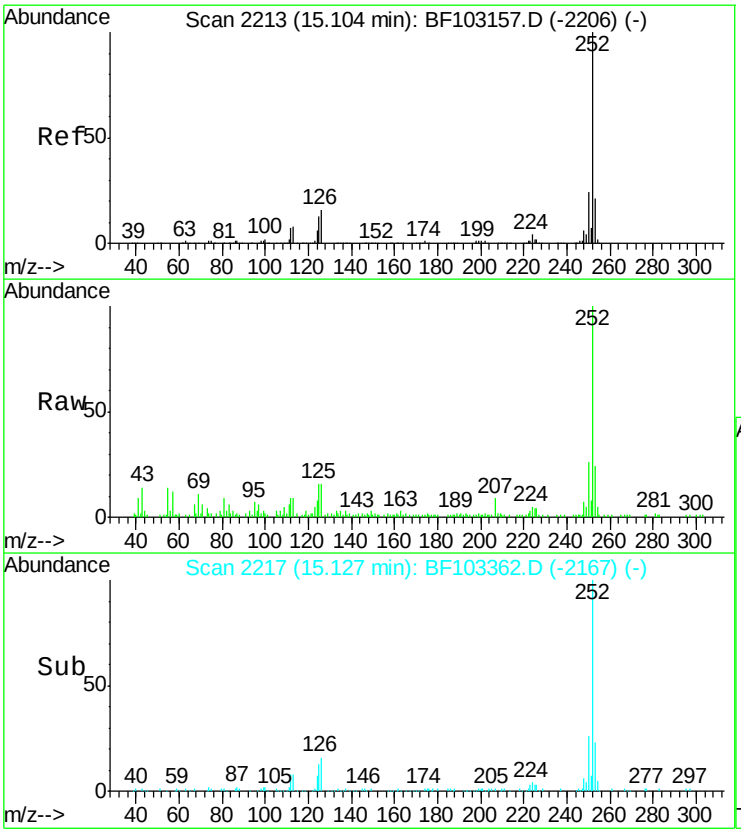
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:264 Resp: 248522

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.0	17.5	26.3

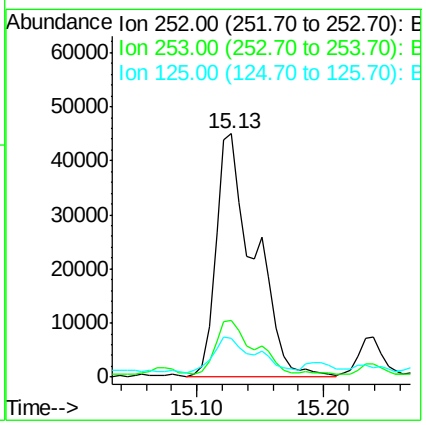


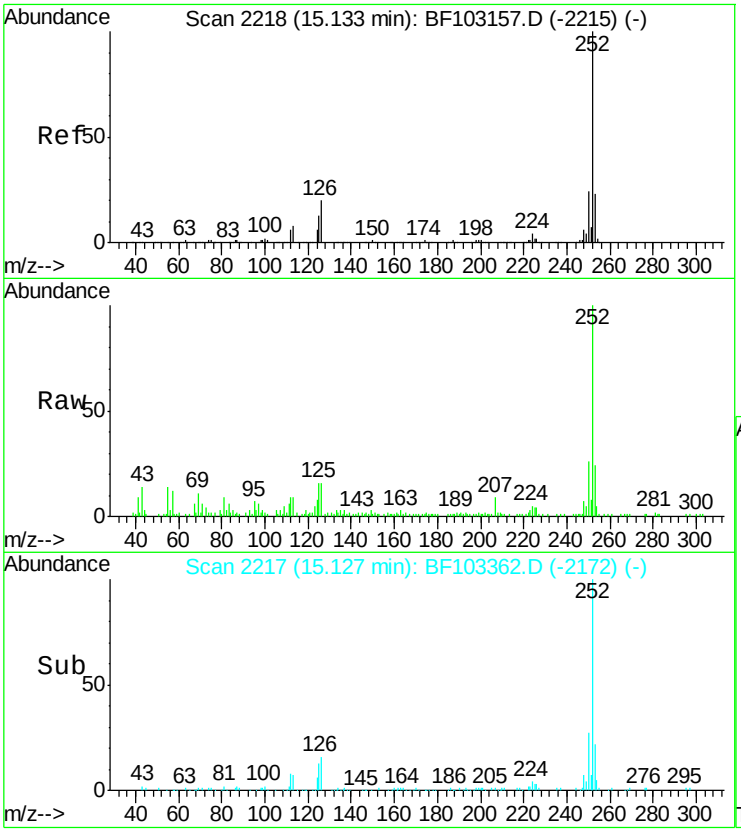


#87
Benzo(b)fluoranthene
Concen: 5.810 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:252 Resp: 94928

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.7	9.0	13.6#



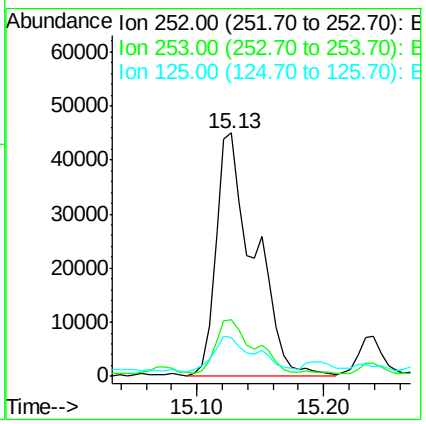


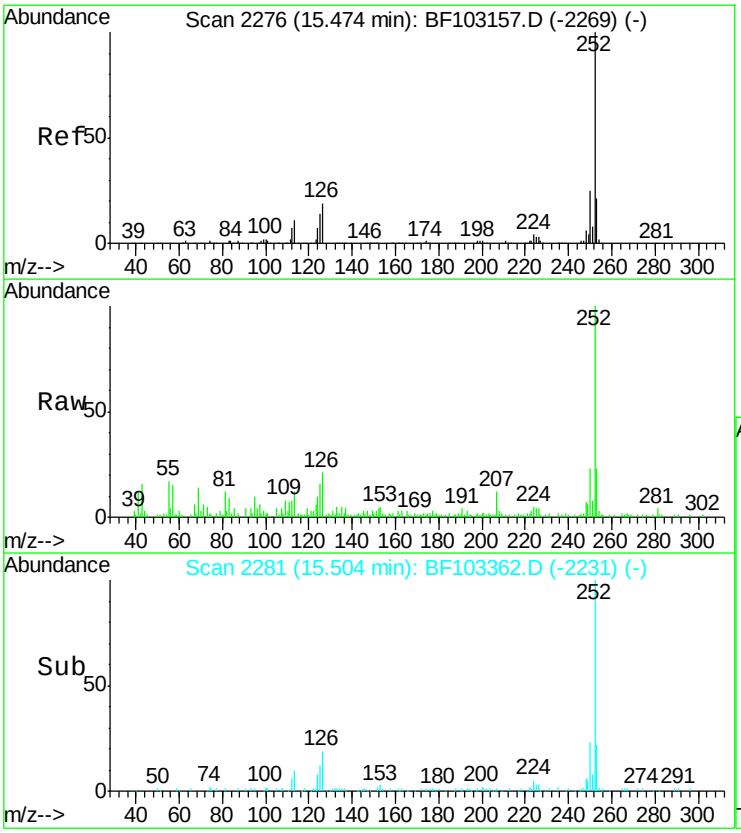
#88
Benzo(k)fluoranthene
Concen: 6.169 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:252 Resp: 94928

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.7	10.2	15.2#

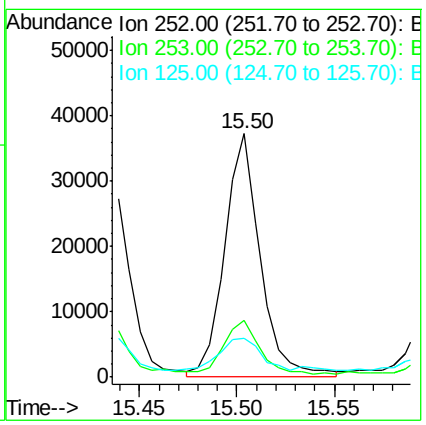


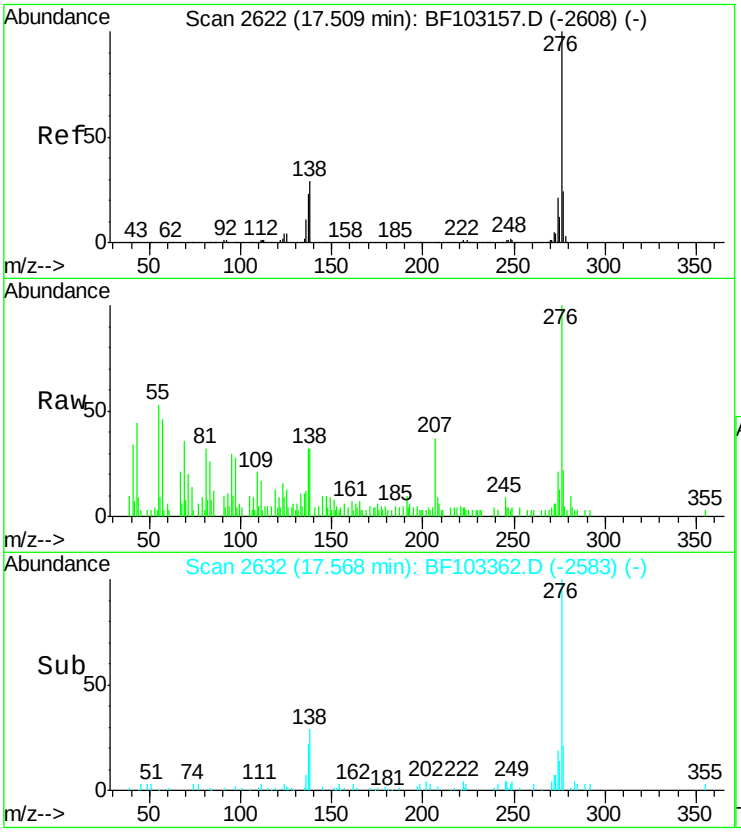


#89
Benzo(a)pyrene
Concen: 3.236 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion:252 Resp: 47214

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	16.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.779 ng
RT: 17.57 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Tgt Ion:276 Resp: 30626

Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.9	26.9
138	31.8	21.8	32.8