Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103139.D
Acq On : 21 Feb 2018 16:32
Operator : SJ/JU
Sample : J1391-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-022018-B

Quant Time: Feb 21 17:01:42 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	173553	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	710710	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	291005	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	436650	20.00	ng		0.00
75) Chrysene-d12	14.05	240	346478	20.00	ng		0.00
86) Perylene-d12	15.54	264	283640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1110410	97.17	ng		0.01
7) Phenol-d6	6.51	99	1343004	97.60	ng		0.00
23) Nitrobenzene-d5	7.44	82	817722	79.82	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	210448	89.85	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1114047	63.52	ng		0.00
78) Terphenyl-d14	12.99	244	845559	57.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	22802	2.231	ng		86
25) Isophorone	7.44	82	817722	34.662	ng	#	64
26) 2-Nitrophenol	7.77	139	324	8.720	ng	#	1
32) Benzoic acid	7.95	122	132	8.561	ng	#	51
47) 2-Nitroaniline	9.46	65	693	3.580	ng	#	1
49) Dimethylphthalate	9.62	163	73107	3.222	ng		99
53) 2,4-Dinitrophenol	10.20	184	222	8.213	ng	#	25
55) 4-Nitrophenol	10.02	139	1667	4.387	ng	#	6
56) 2,4-Dinitrotoluene	9.92	165	42129	9.886	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	357	8.974	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	14498	3.139	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103139.D
Acq On : 21 Feb 2018 16:32
Operator : SJ/JU
Sample : J1391-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Quant Time: Feb 21 17:01:42 2018
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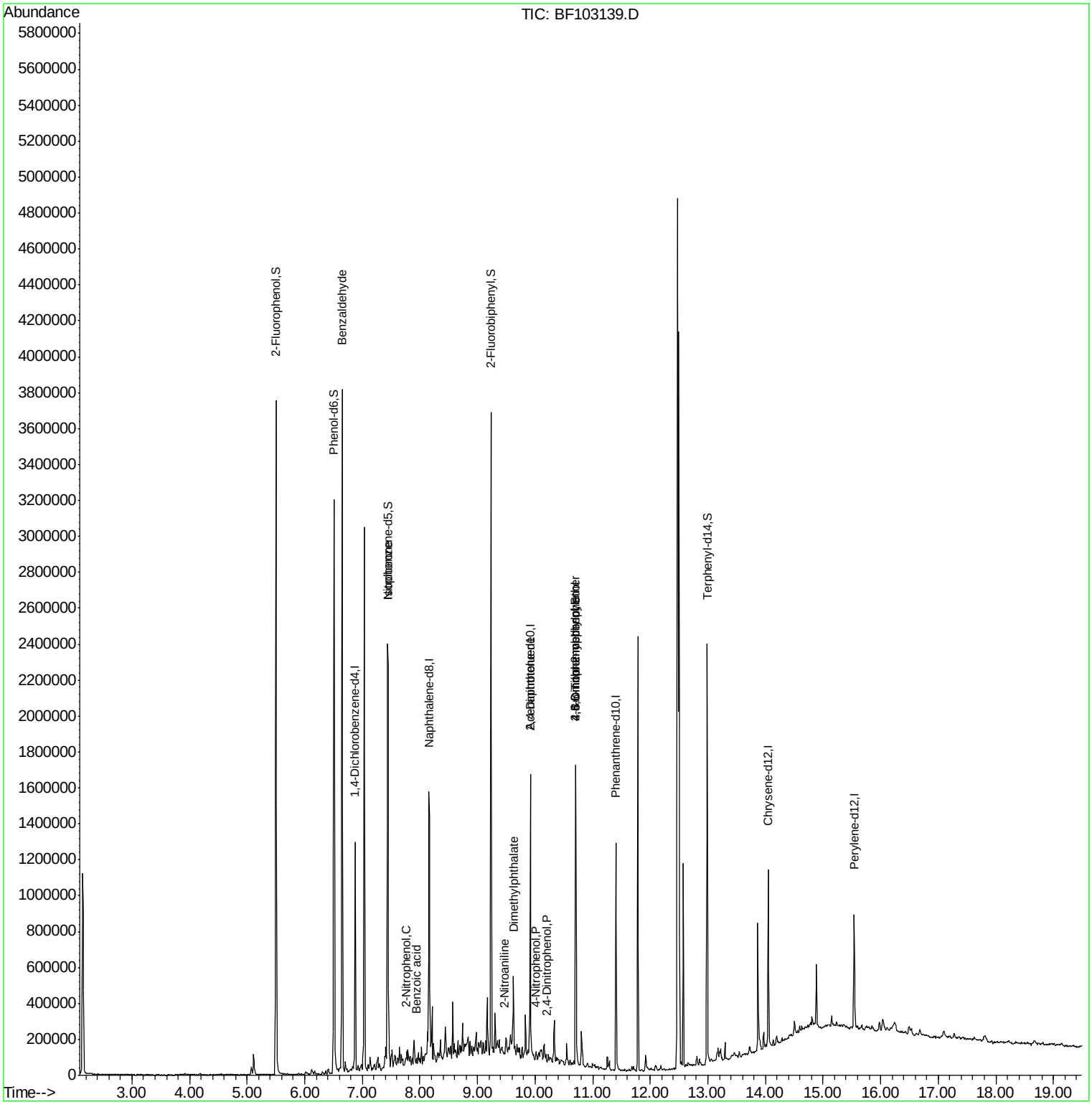
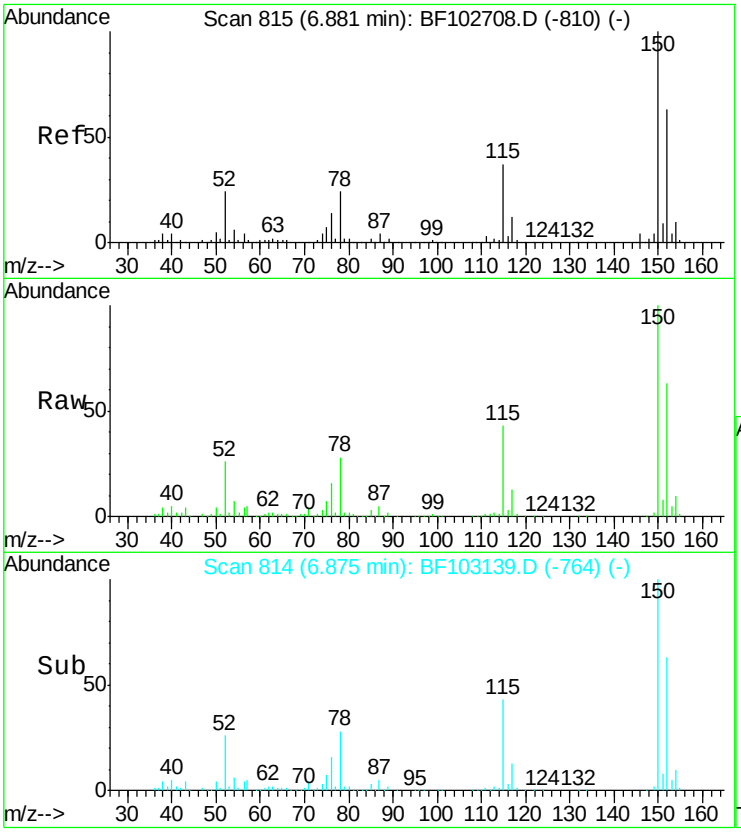


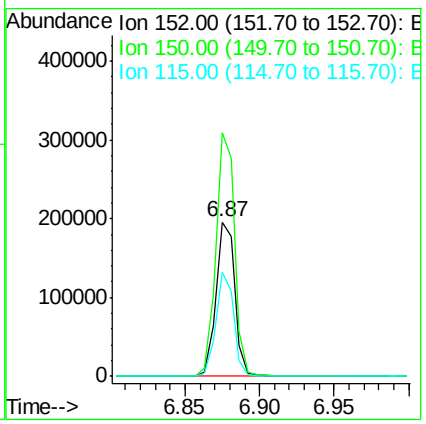


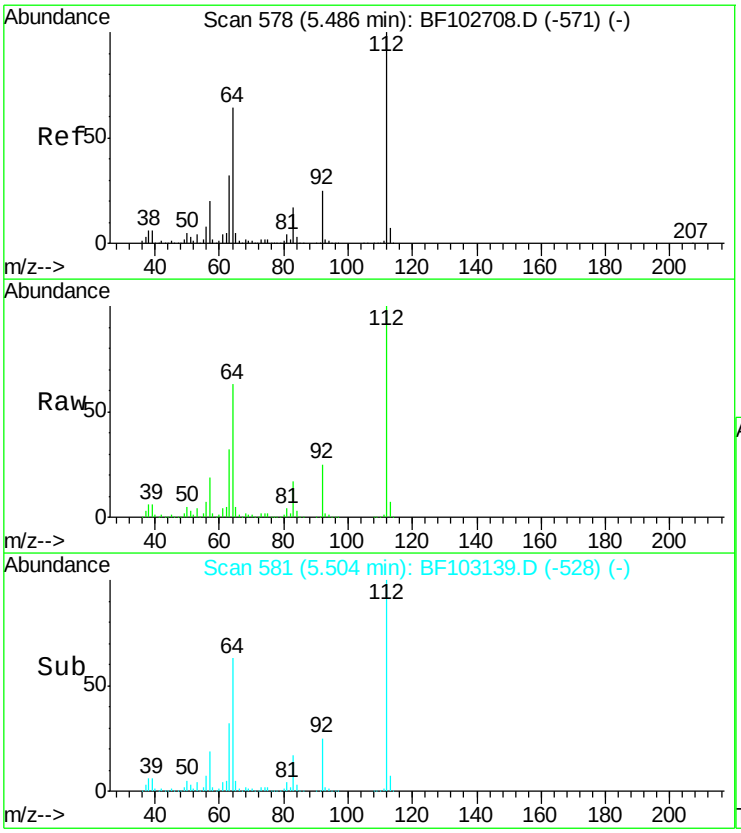
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:152 Resp: 173553

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	67.7	50.1	75.1

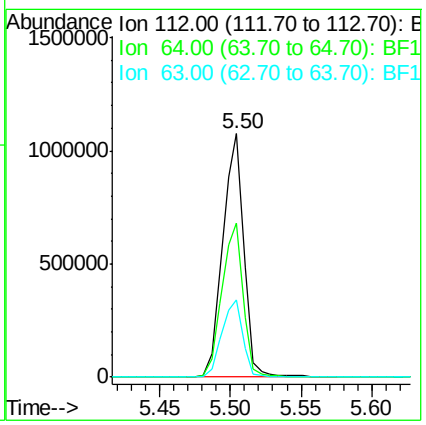


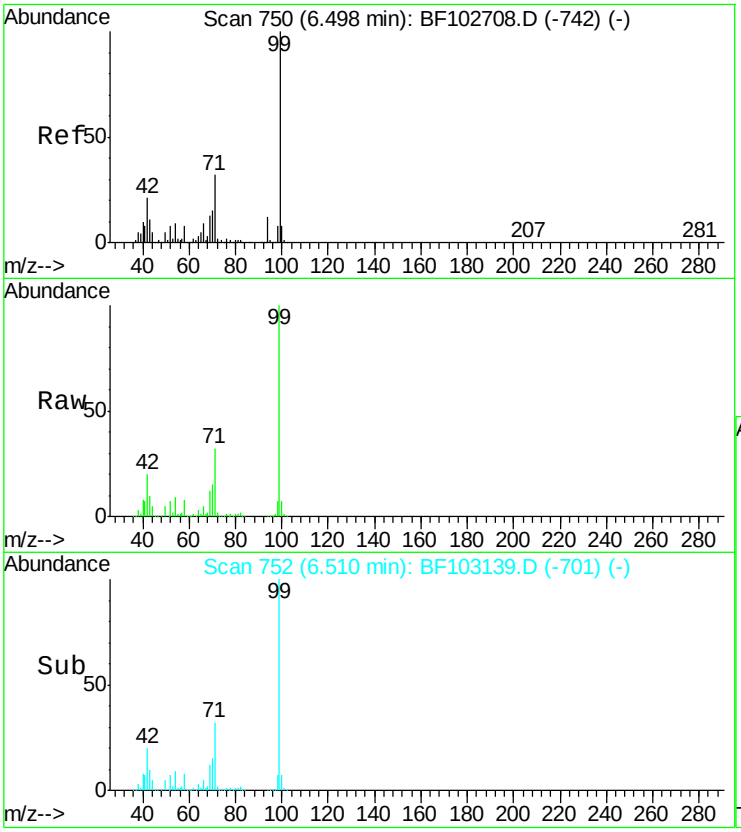


#5
2-Fluorophenol
Concen: 97.166 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:112 Resp: 1110410

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	31.8	23.7	35.5



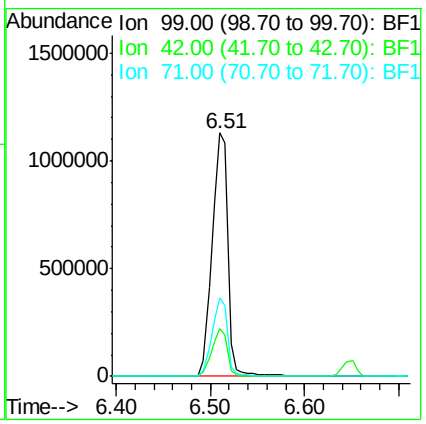


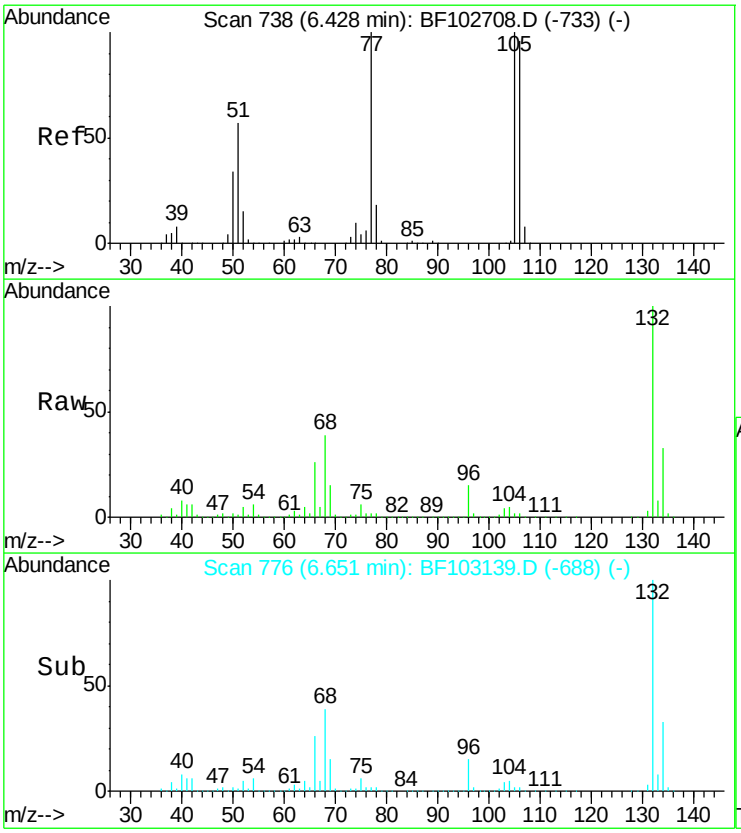
#7
Phenol-d6
Concen: 97.602 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion: 99 Resp: 1343004

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.5	25.4	38.0

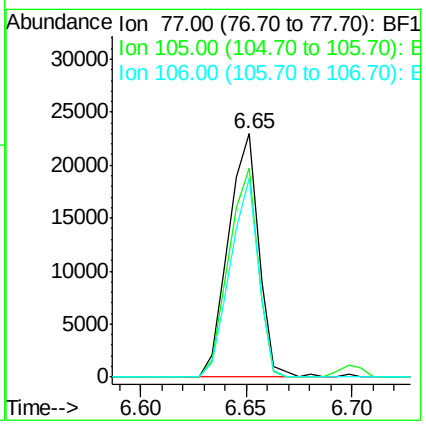


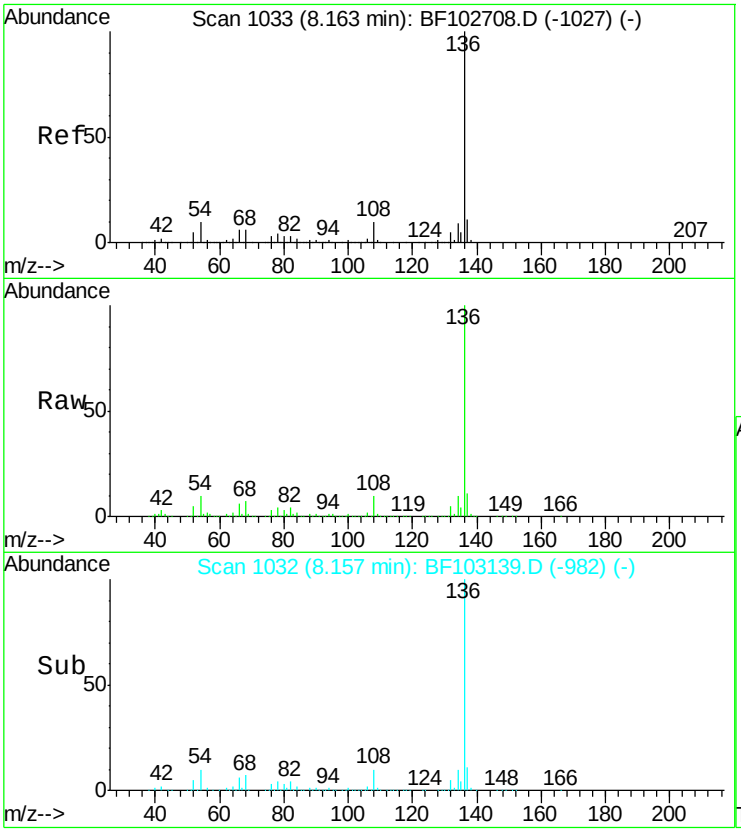


#9
Benzaldehyde
Concen: 2.231 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion: 77 Resp: 22802

Ion	Ratio	Lower	Upper
77	100		
105	86.0	81.1	121.1
106	81.8	74.5	114.5



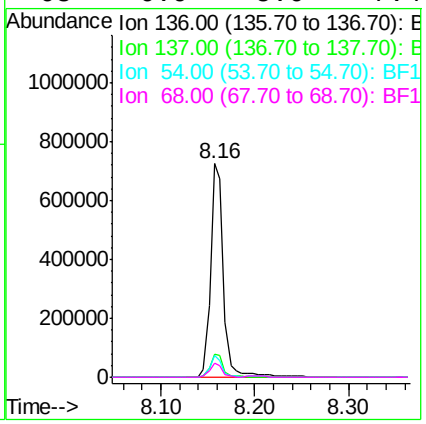


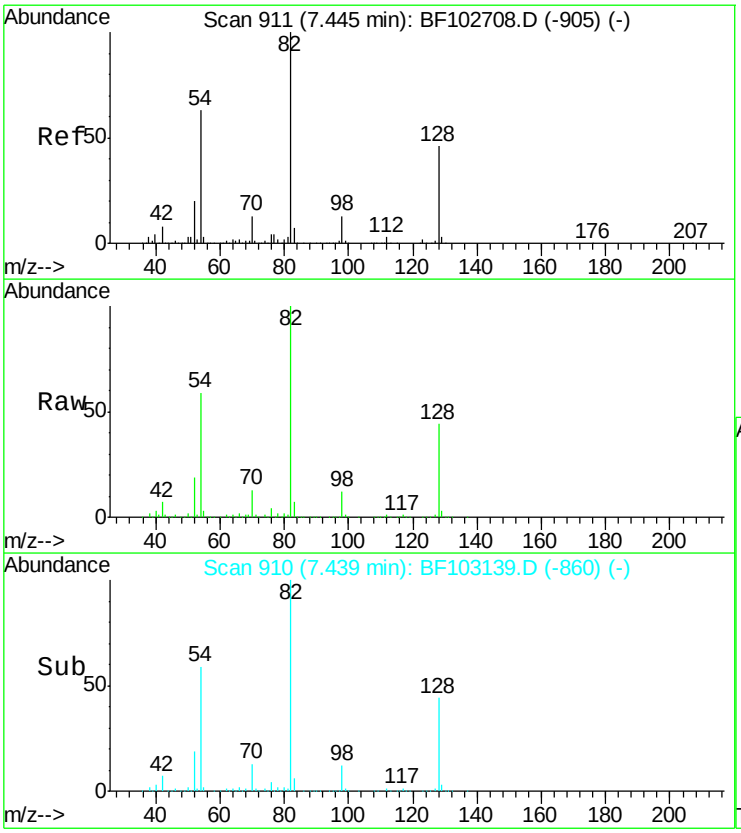
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:136 Resp: 710710

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.3	6.6	9.8#
68	6.9	5.0	7.4

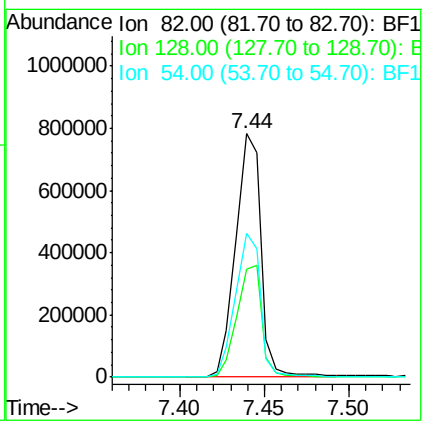


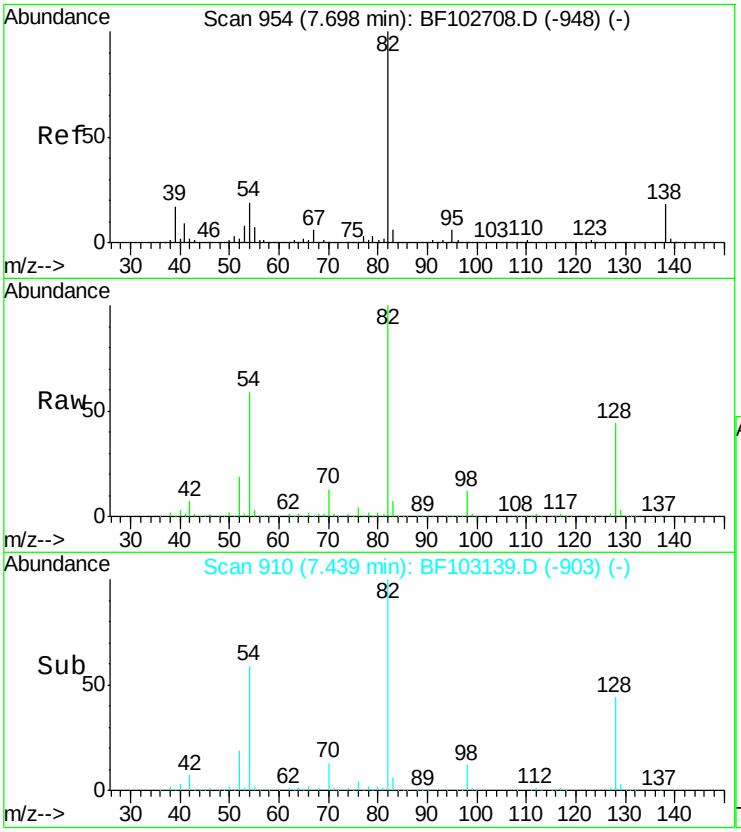


#23
Nitrobenzene-d5
Concen: 79.816 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion: 82 Resp: 817722

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	59.3	41.4	62.2



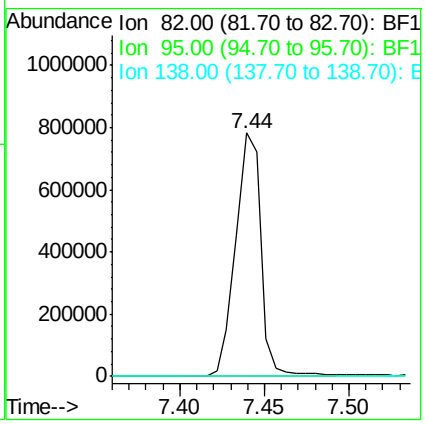


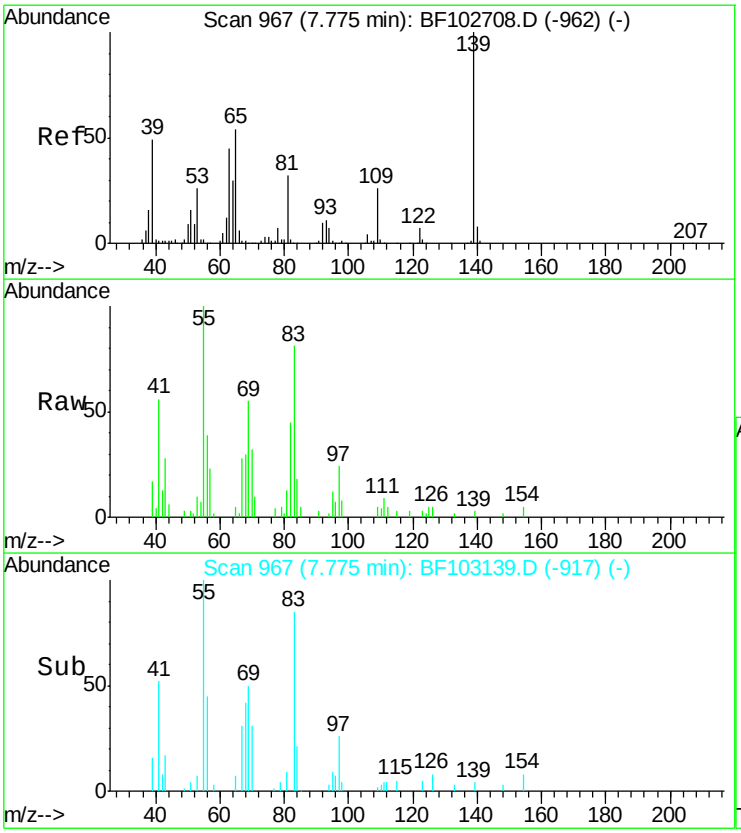
#25
Isophorone
Concen: 34.662 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion: 82 Resp: 817722

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

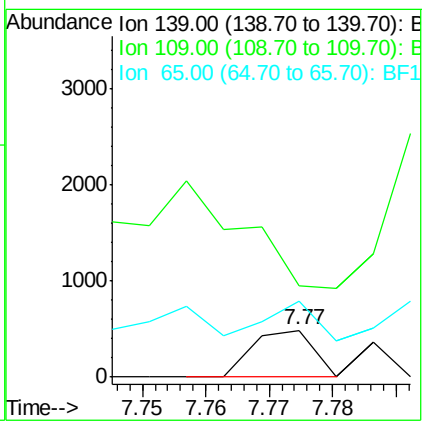


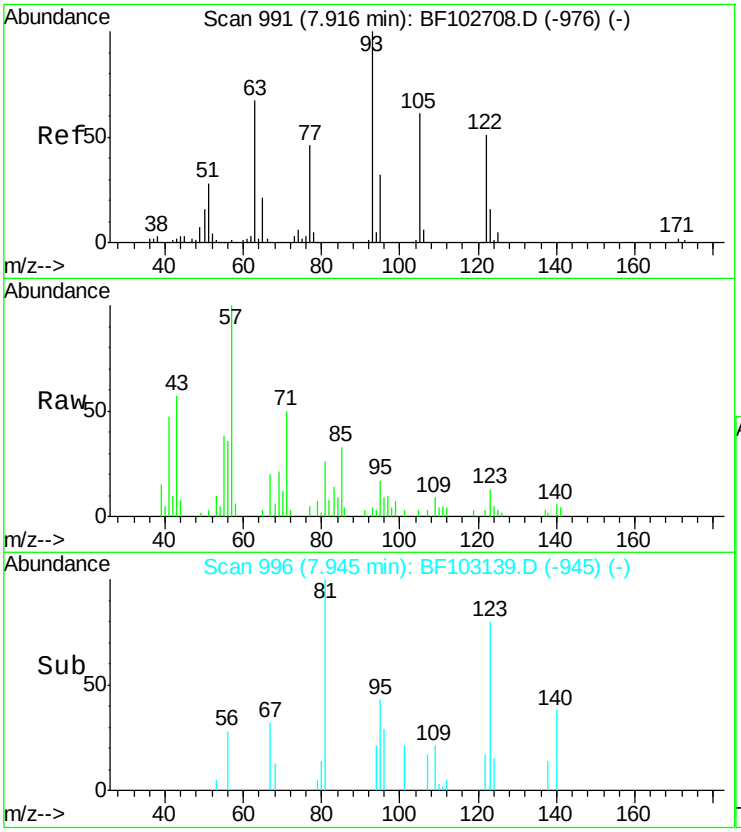


#26
2-Nitrophenol
Concen: 8.720 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:139 Resp: 324

Ion	Ratio	Lower	Upper
139	100		
109	193.3	22.7	34.1#
65	161.8	40.5	60.7#



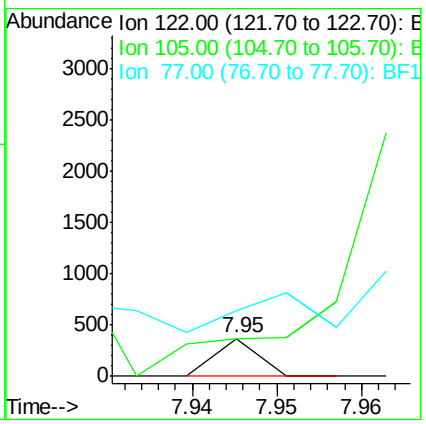


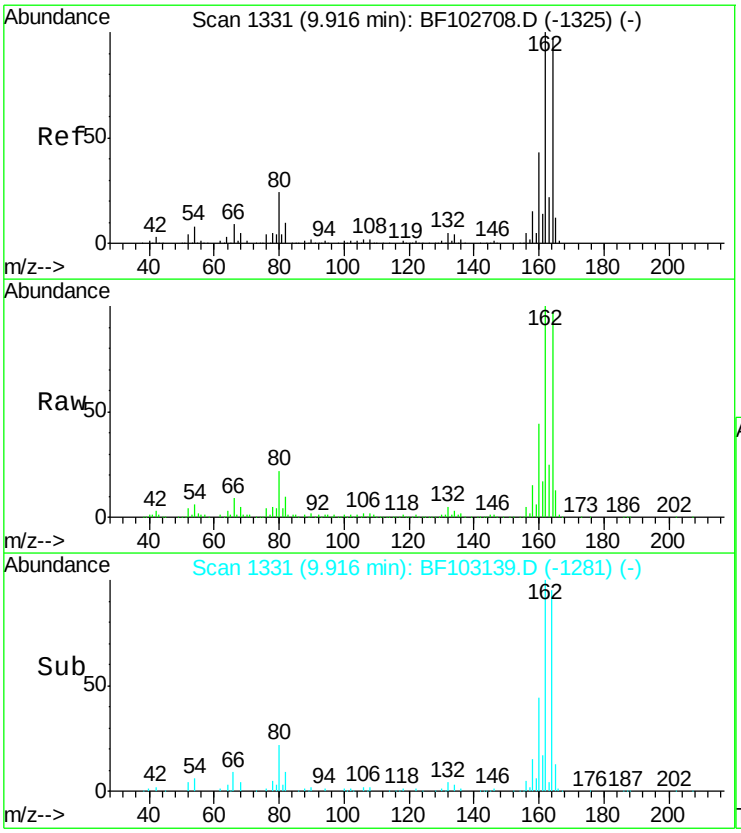
#32
Benzoic acid
Concen: 8.561 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	98.4	101.1	141.1#
77	172.4	70.7	110.7#

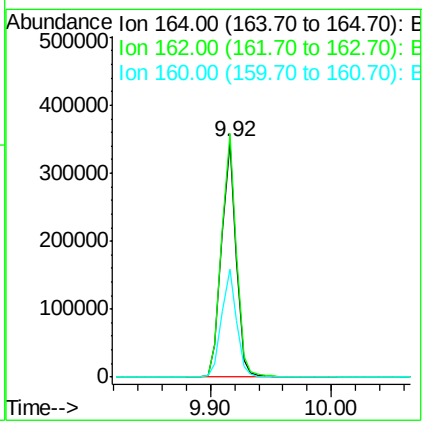


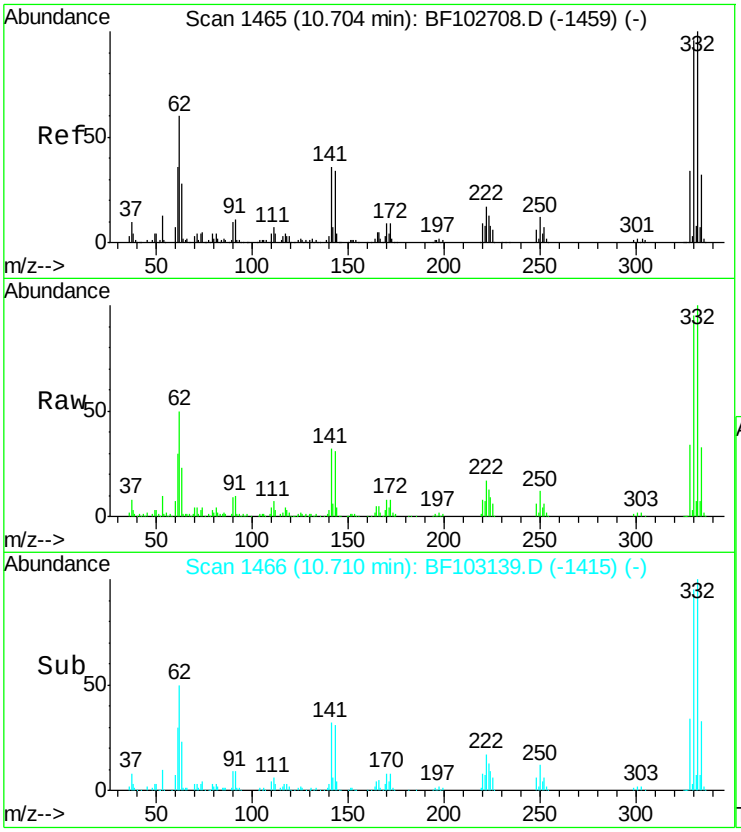


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:164 Resp: 291005

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5



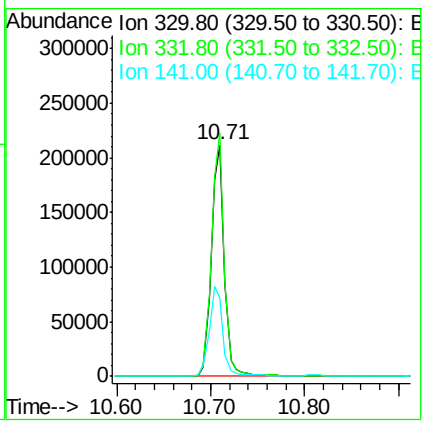


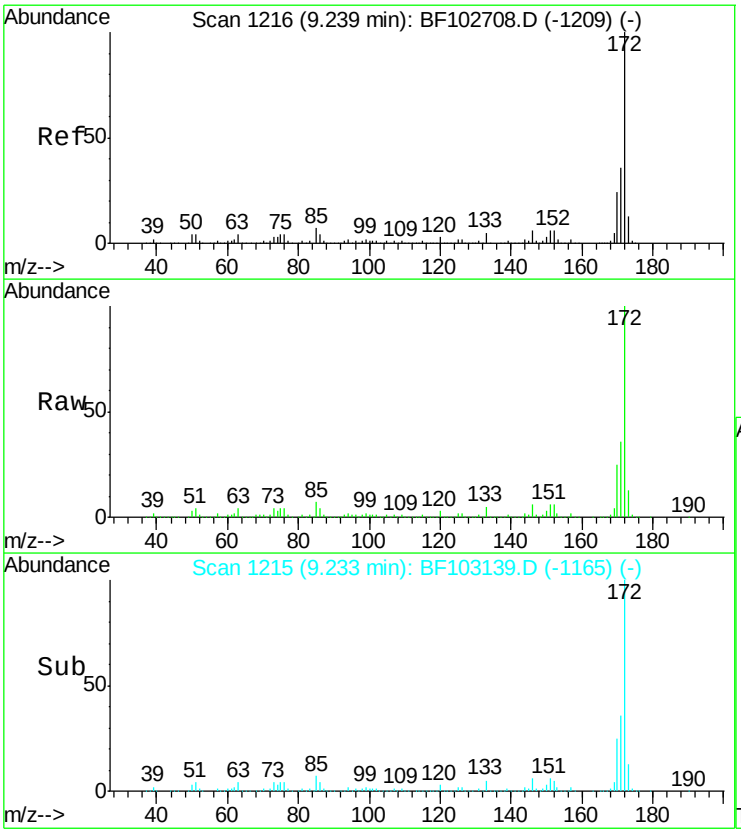
#41
2,4,6-Tribromophenol
Concen: 89.849 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:330 Resp: 210448

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	39.6	29.9	44.9

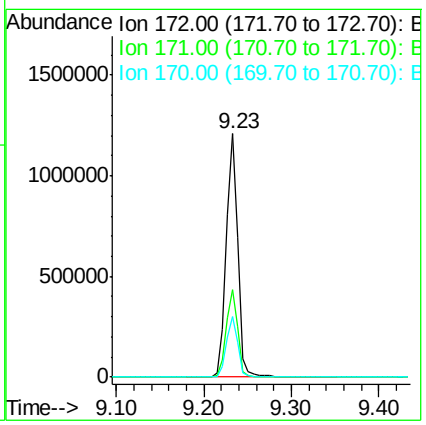


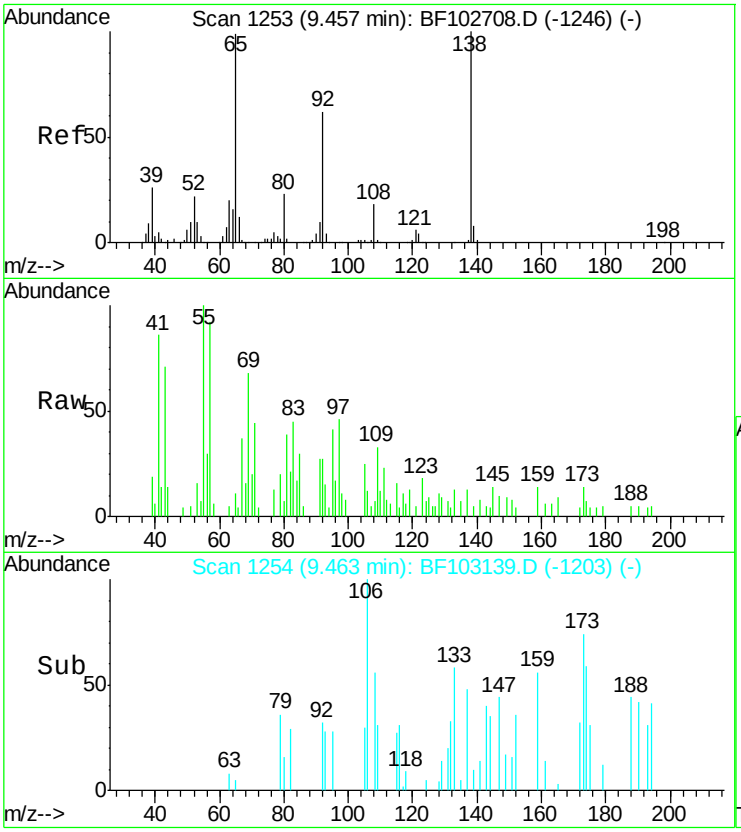


#44
2-Fluorobiphenyl
Concen: 63.525 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:172 Resp: 1114047

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.8	19.6	29.4



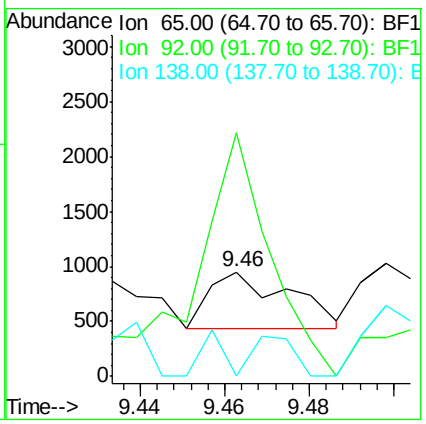


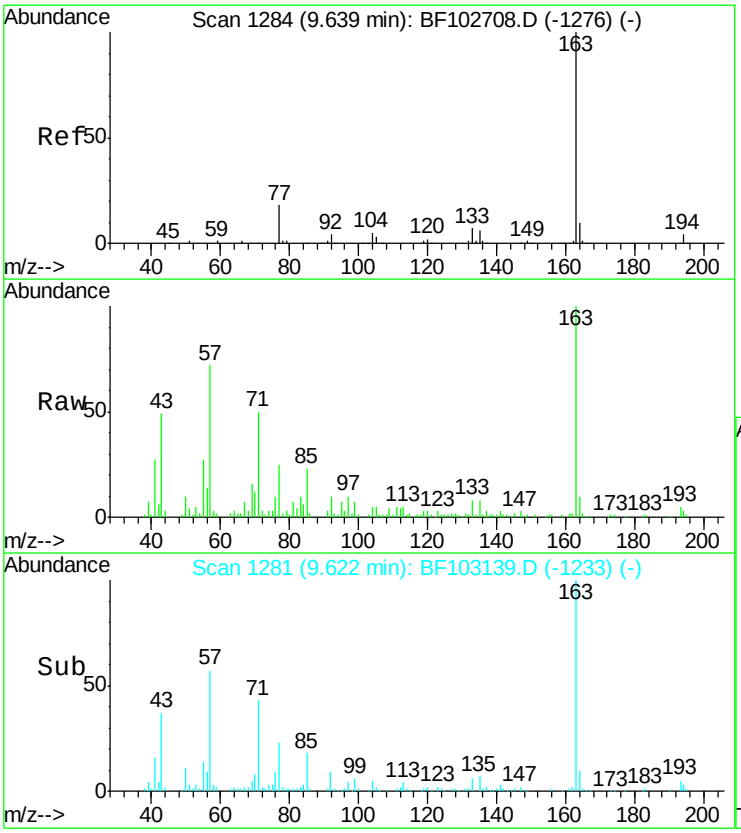
#47
2-Nitroaniline
Concen: 3.580 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion: 65 Resp: 693

Ion	Ratio	Lower	Upper
65	100		
92	232.5	55.8	83.6#
138	0.0	91.2	136.8#

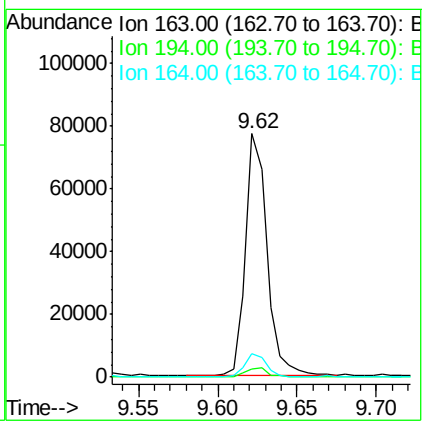


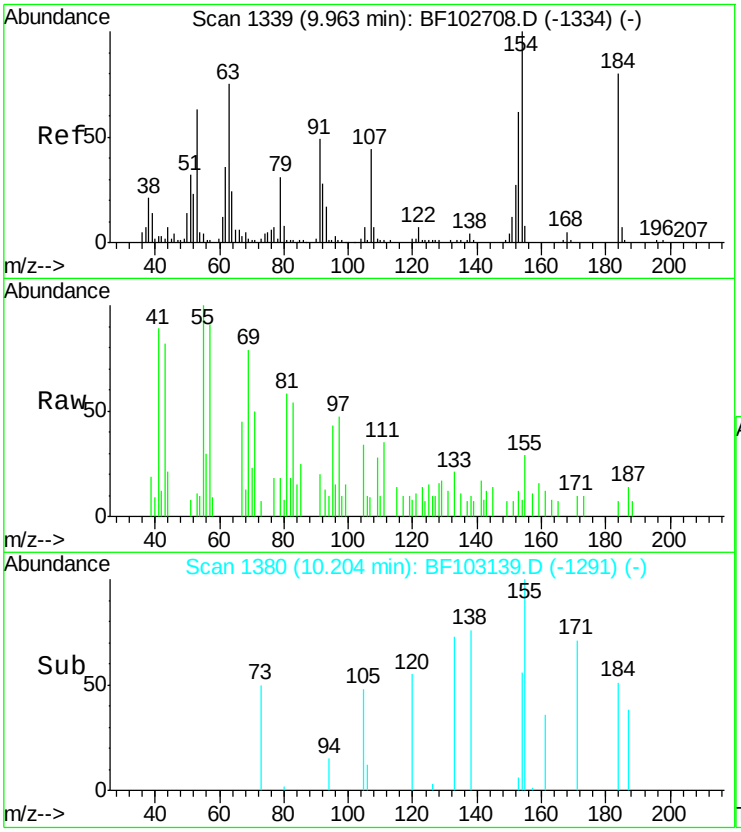


#49
Dimethylphthalate
Concen: 3.222 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:163 Resp: 73107

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2



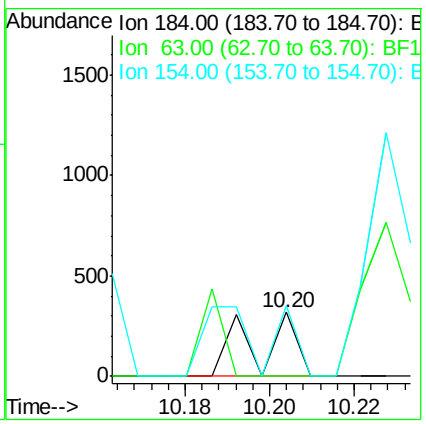


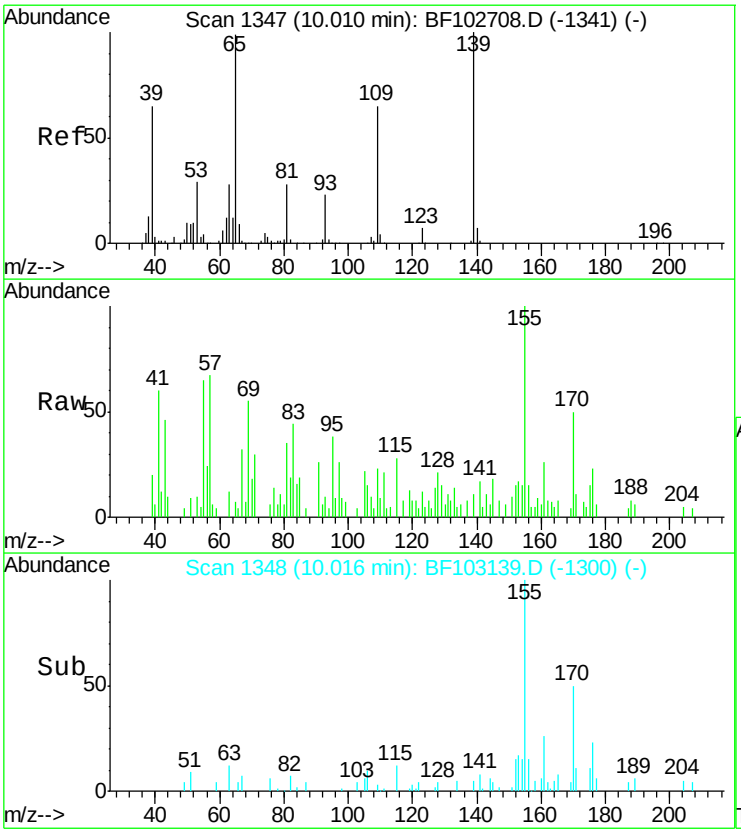
#53
2,4-Dinitrophenol
Concen: 8.213 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.22 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:184 Resp: 222

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	110.0	184.0	276.0#

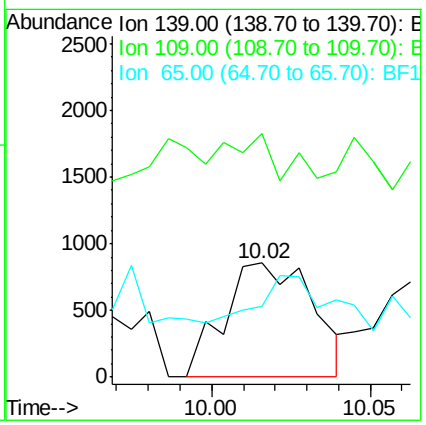


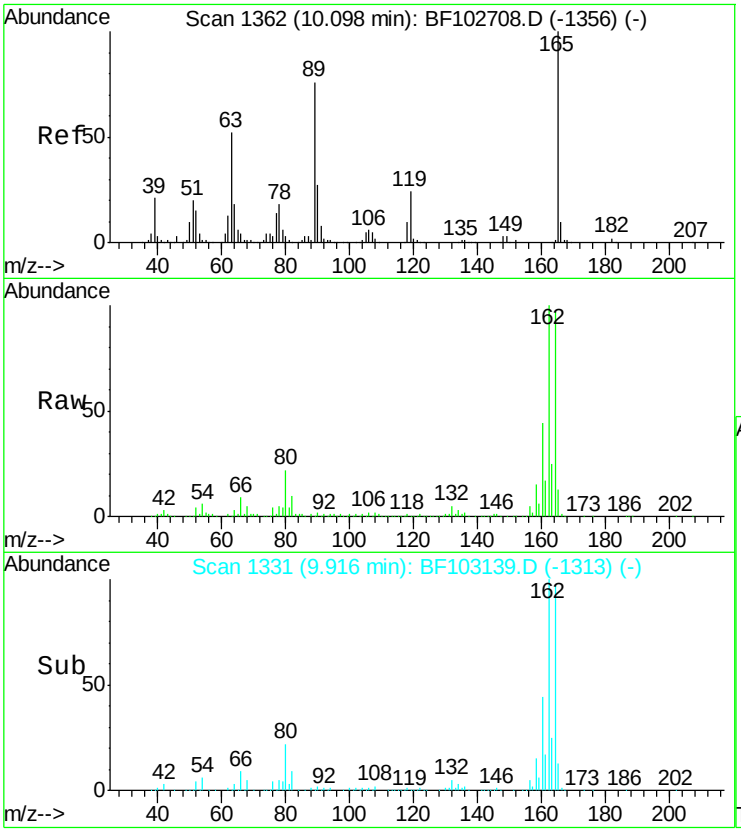


#55
4-Nitrophenol
Concen: 4.387 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:139 Resp: 1667

Ion	Ratio	Lower	Upper
139	100		
109	213.8	48.4	88.4#
65	62.4	72.6	112.6#



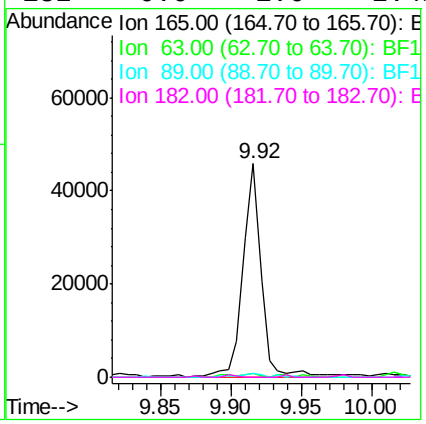


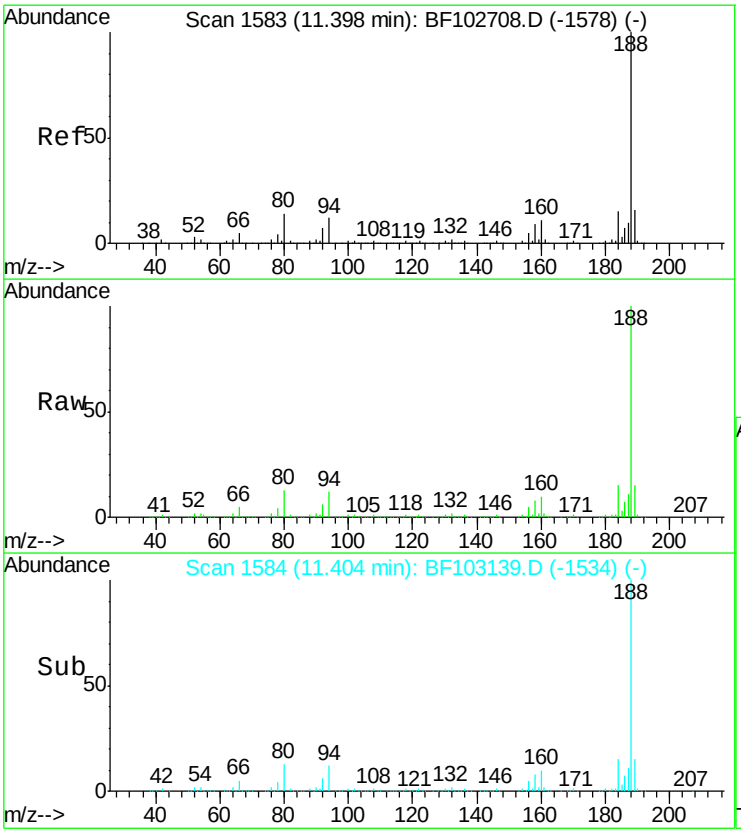
#56
2,4-Dinitrotoluene
Concen: 9.886 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:165 Resp: 42129

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

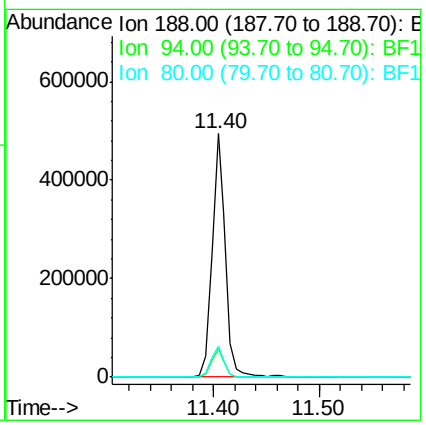


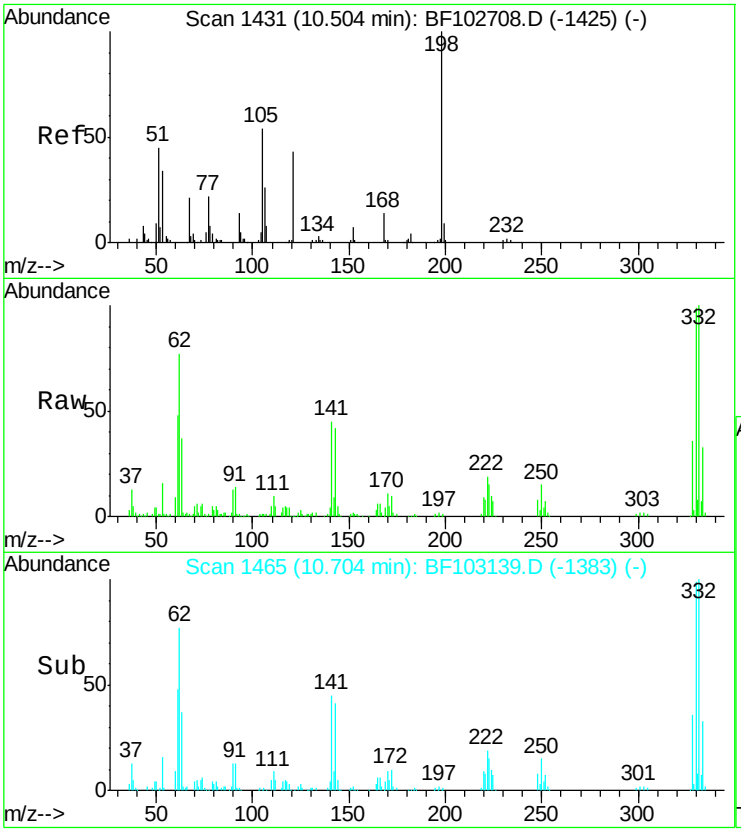


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:188 Resp: 436650

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.9	9.2	13.8



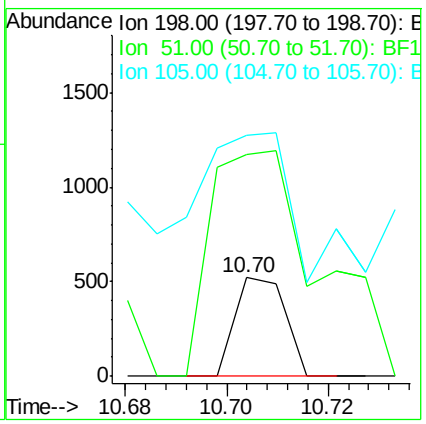


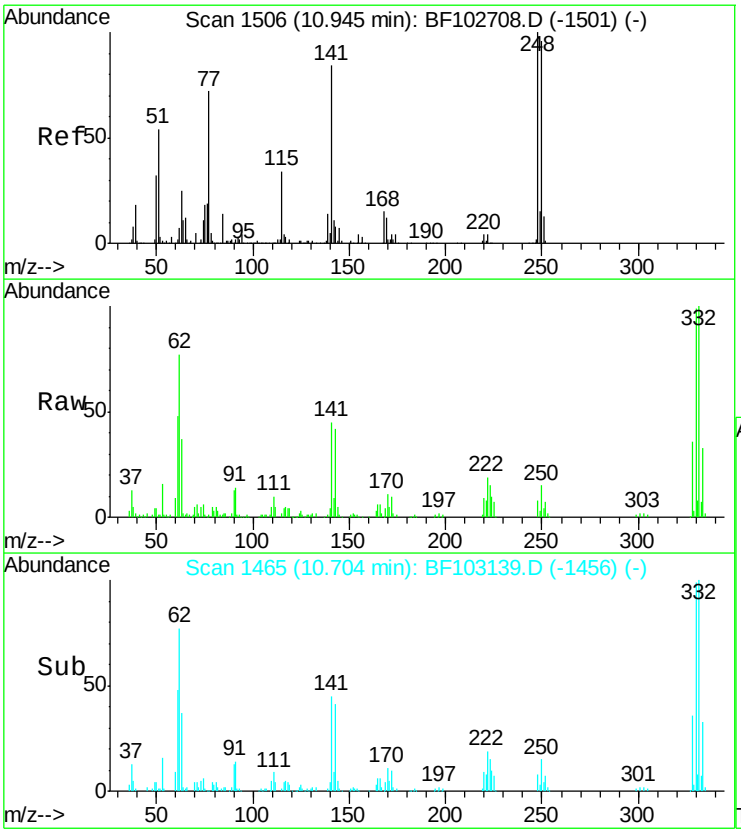
#64
4,6-Dinitro-2-methylphenol
Concen: 8.974 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:198 Resp: 357

Ion	Ratio	Lower	Upper
198	100		
51	226.0	37.7	77.7#
105	244.8	36.3	76.3#

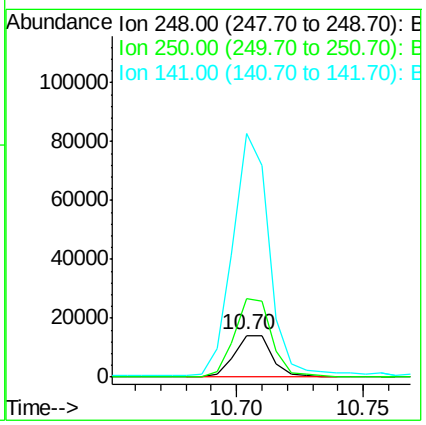


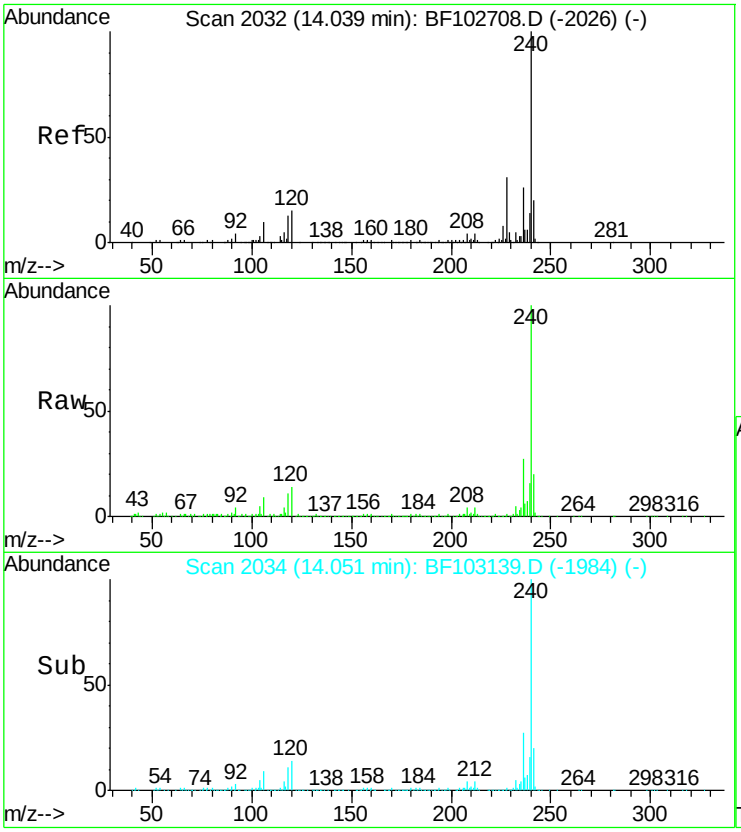


#66
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:248 Resp: 14498

Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	582.6	74.4	111.6#



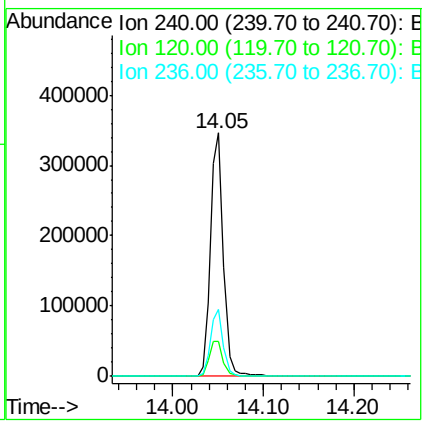


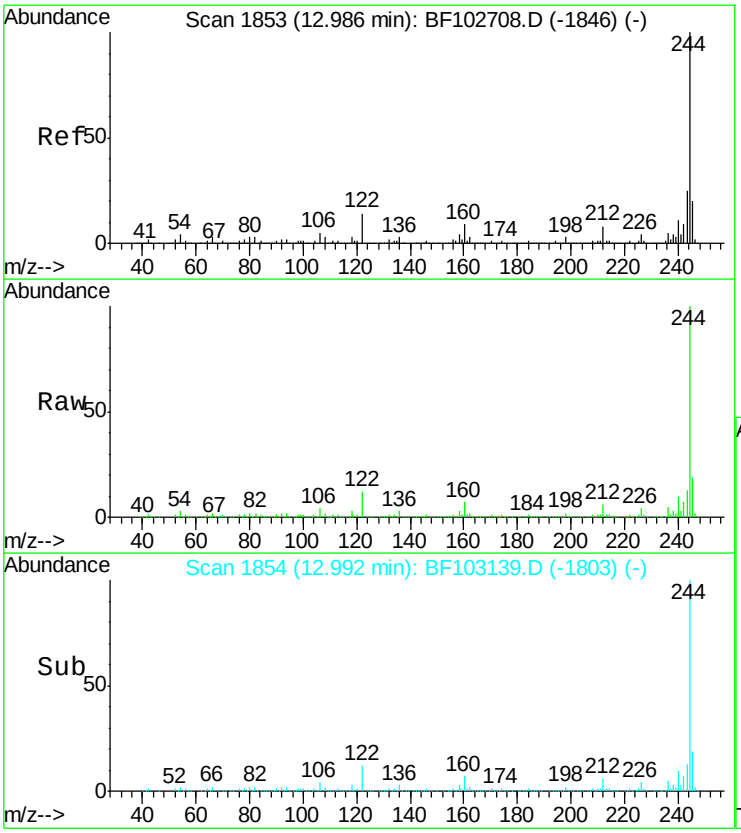
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:240 Resp: 346478

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	27.3	20.7	31.1

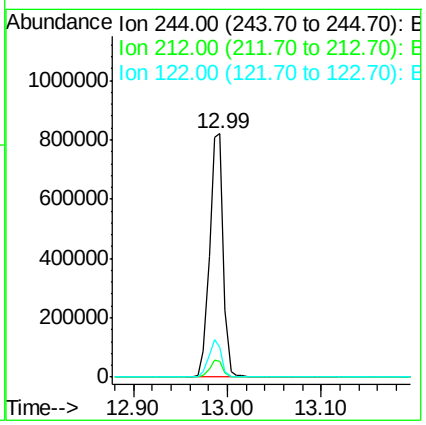


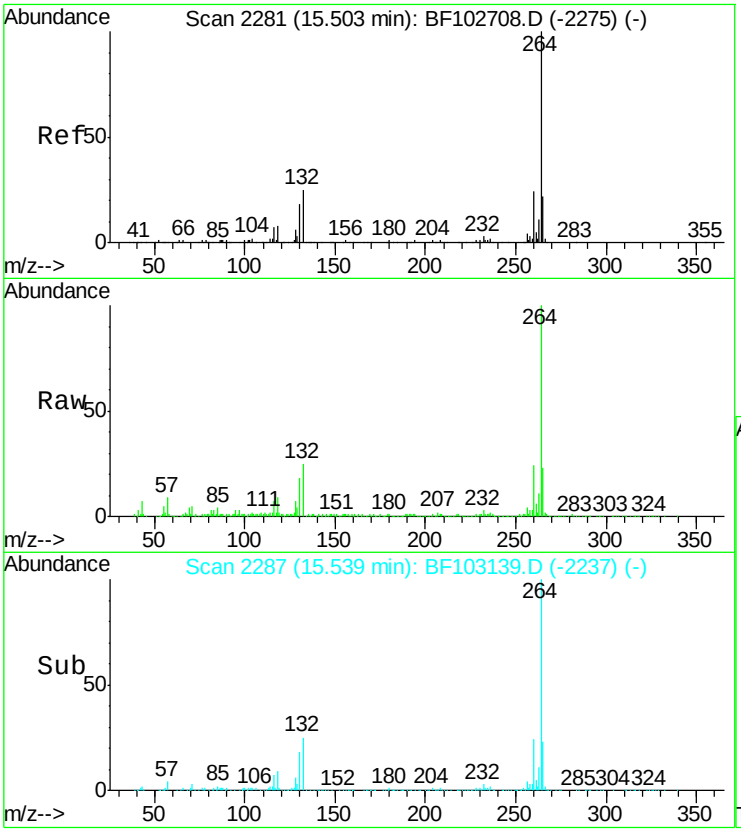


#78
Terphenyl-d14
Concen: 57.784 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Tgt Ion:244 Resp: 845559

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103139.D
Acq: 21 Feb 2018 16:32

Instrument :
BNA_F
ClientSampleId :
AU-05-022018-B

Tgt Ion:264 Resp: 283640

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.8	17.5	26.3