Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Time: Jul 17 06:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145328	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	542636	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	245396	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	422577	20.00	ng		0.00
75) Chrysene-d12	14.17	240	386501	20.00	ng		0.01
86) Perylene-d12	15.71	264	245076	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	498695	52.12	ng		0.00
7) Phenol-d6	6.60	99	619879	50.11	ng		0.00
23) Nitrobenzene-d5	7.54	82	414583	40.74	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	103805	48.14	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	680203	40.55	ng		0.00
78) Terphenyl-d14	13.12	244	597519	38.41	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	67756	7.649	ng	#	79
25) Isophorone	7.54	82	412874	20.469	ng	#	64
49) Dimethylphthalate	9.73	163	121033	6.208	ng		98
53) 2,4-Dinitrophenol	10.05	184	1788	4.226	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	109	7.530	ng	#	1
74) Fluoranthene	12.74	202	54632	2.282	ng		95
77) Pyrene	12.98	202	58943	2.243	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
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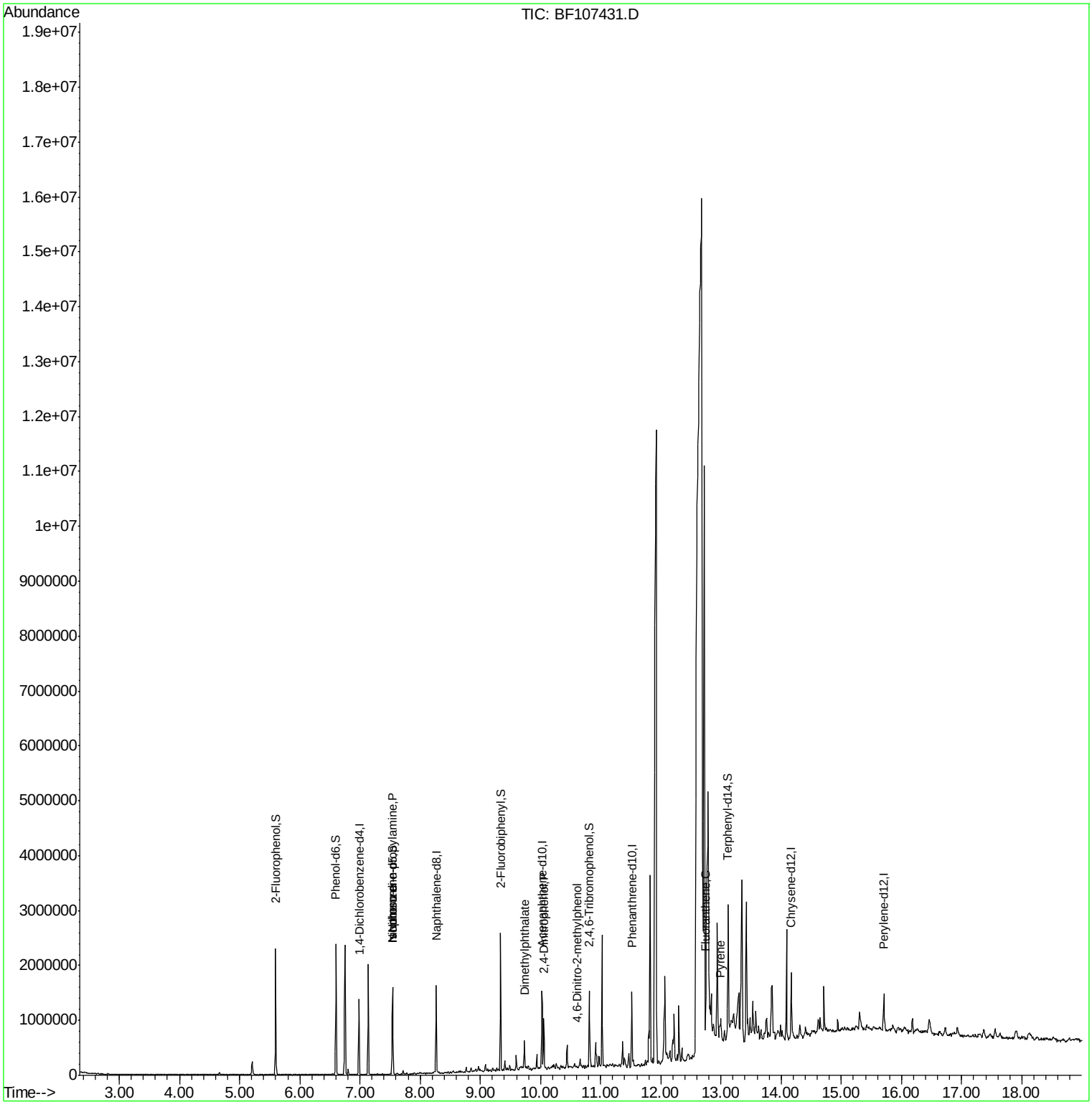
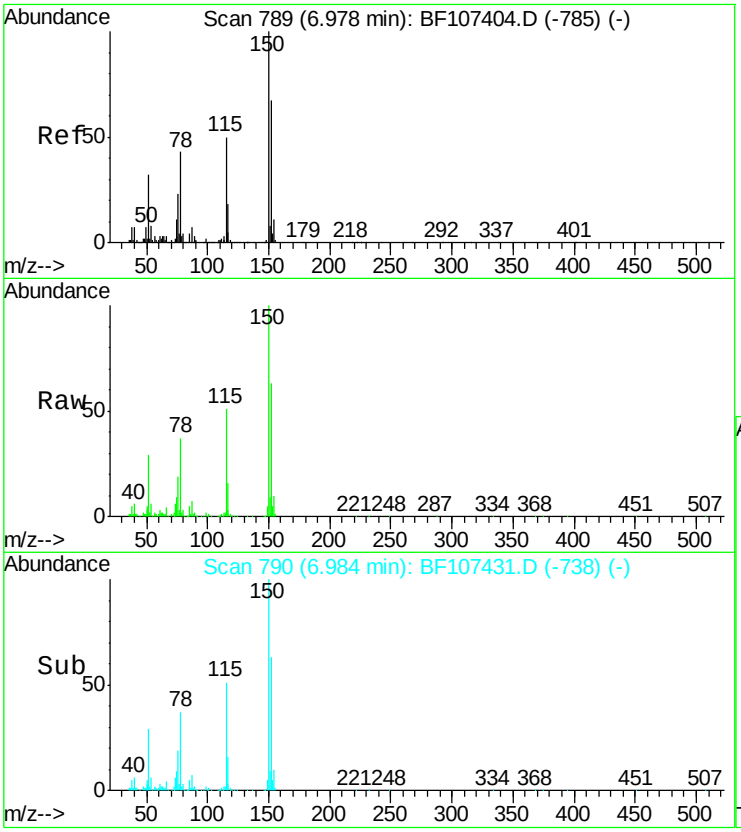
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration



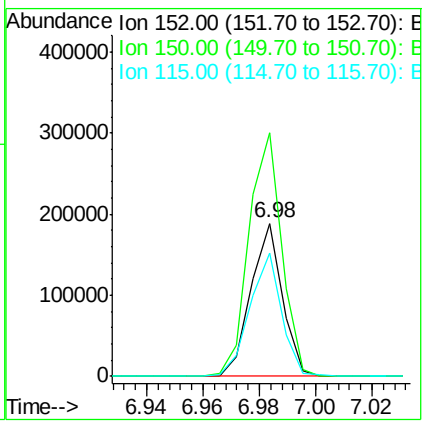


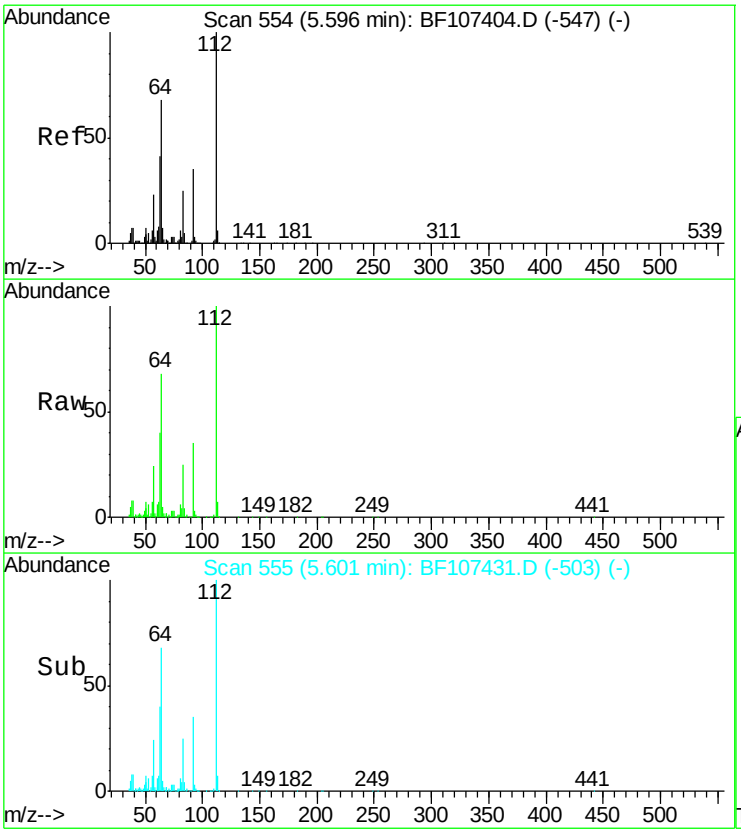
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:152 Resp: 145328

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	80.8	50.1	75.1#

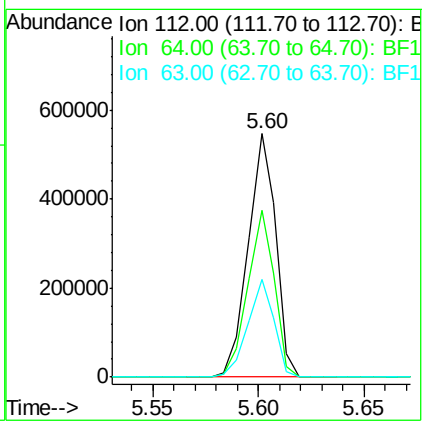


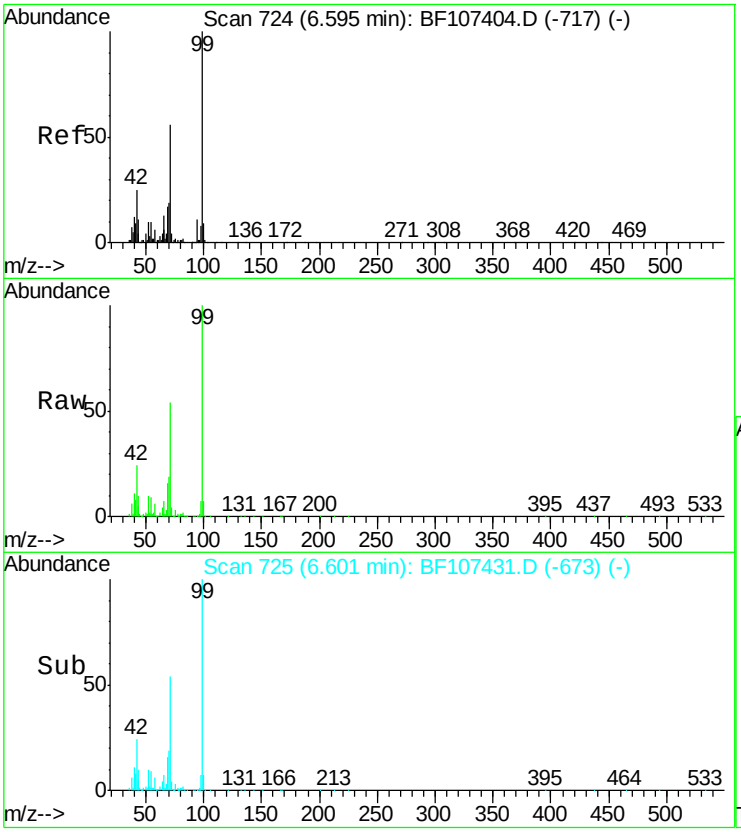


#5
2-Fluorophenol
Concen: 52.116 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:112 Resp: 498695

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	39.9	23.7	35.5#



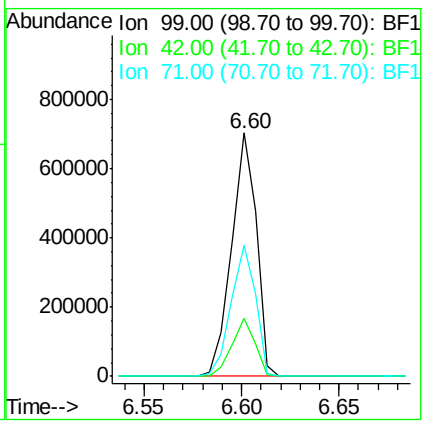


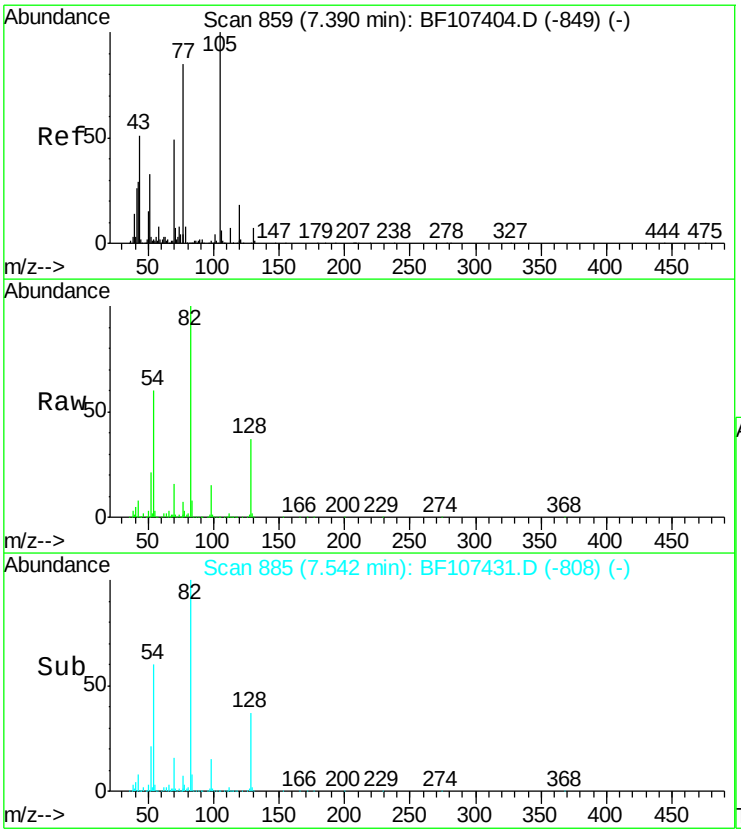
#7
Phenol-d6
Concen: 50.105 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion: 99 Resp: 619879

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	53.7	25.4	38.0#

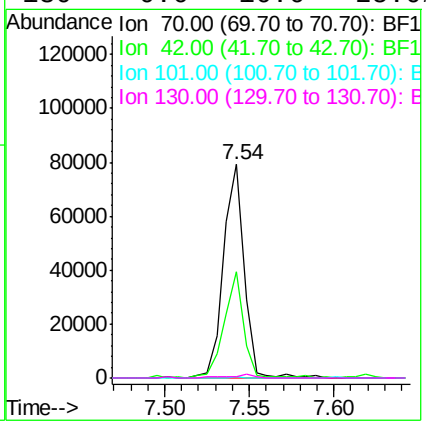


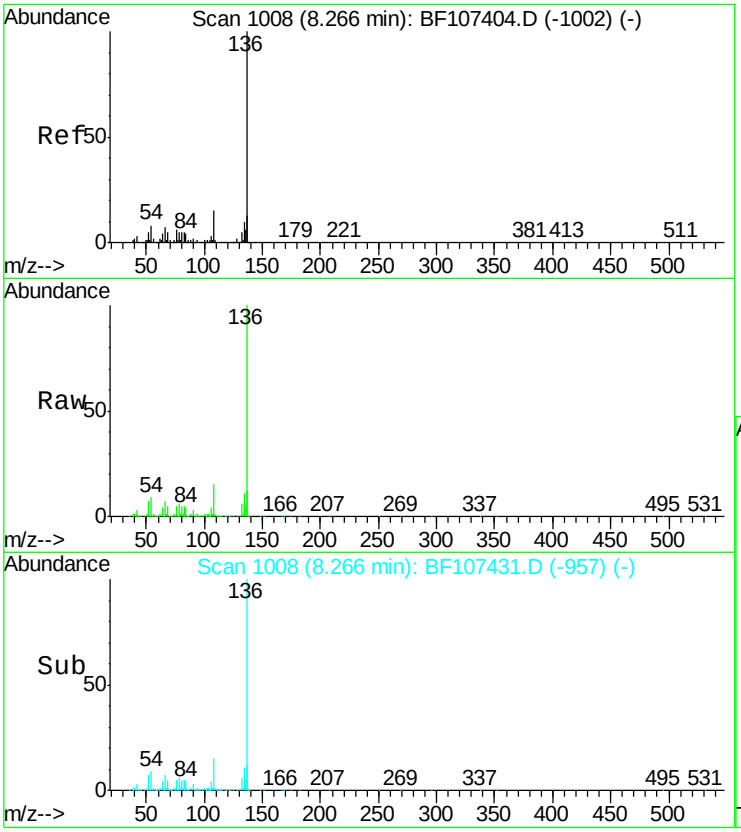


#19
n-Nitroso-di-n-propylamine
Concen: 7.649 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion: 70 Resp: 67756

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.4	7.4	11.2#
130	0.6	16.6	25.0#



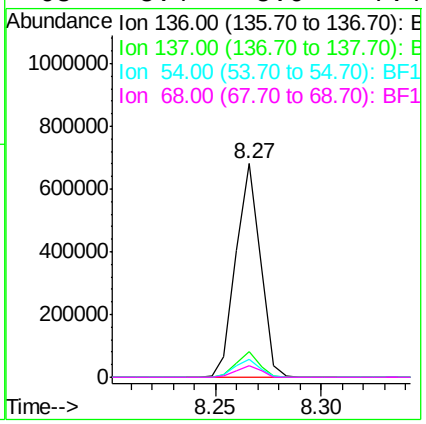


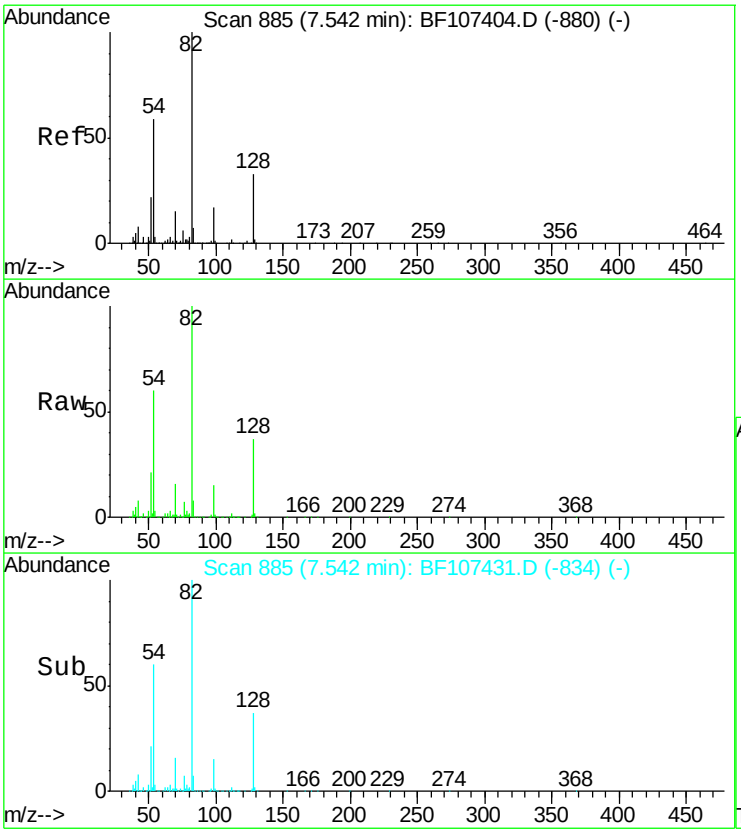
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:136 Resp: 542636

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	8.7	6.6	9.8
68	5.4	5.0	7.4

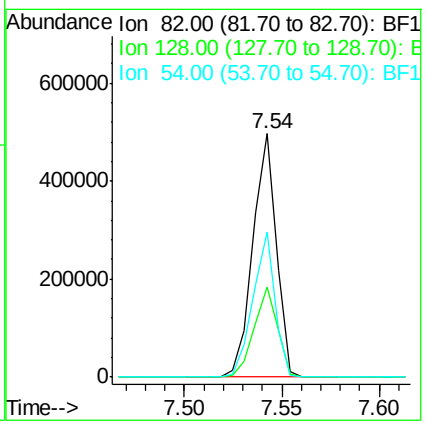


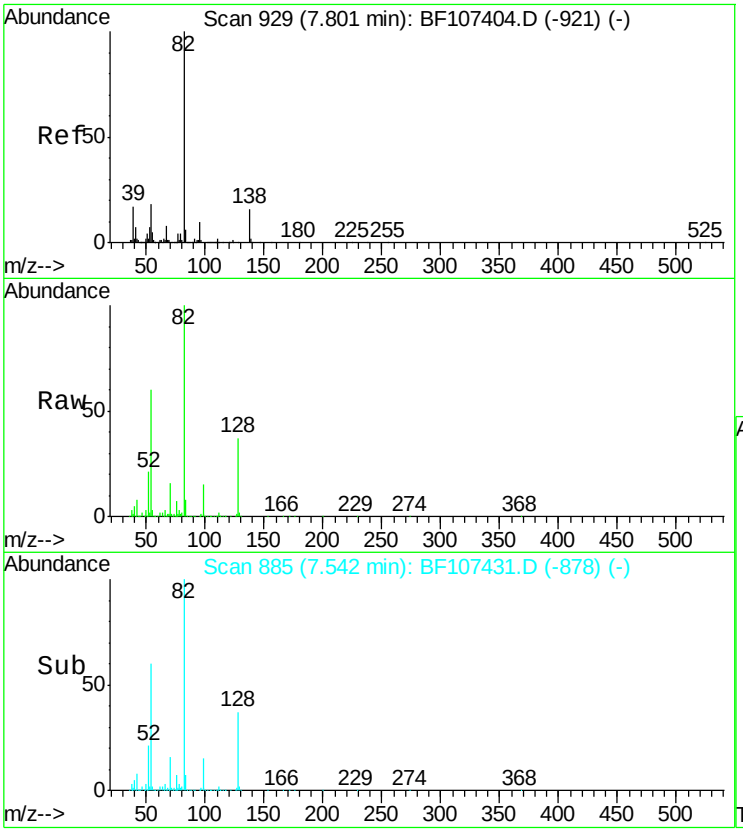


#23
Nitrobenzene-d5
Concen: 40.741 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion: 82 Resp: 414583

Ion	Ratio	Lower	Upper
82	100		
128	37.2	36.1	54.1
54	59.8	41.4	62.2



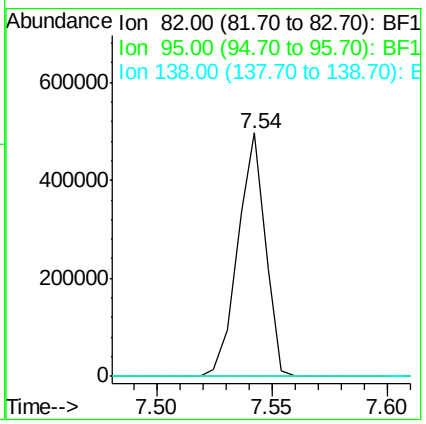


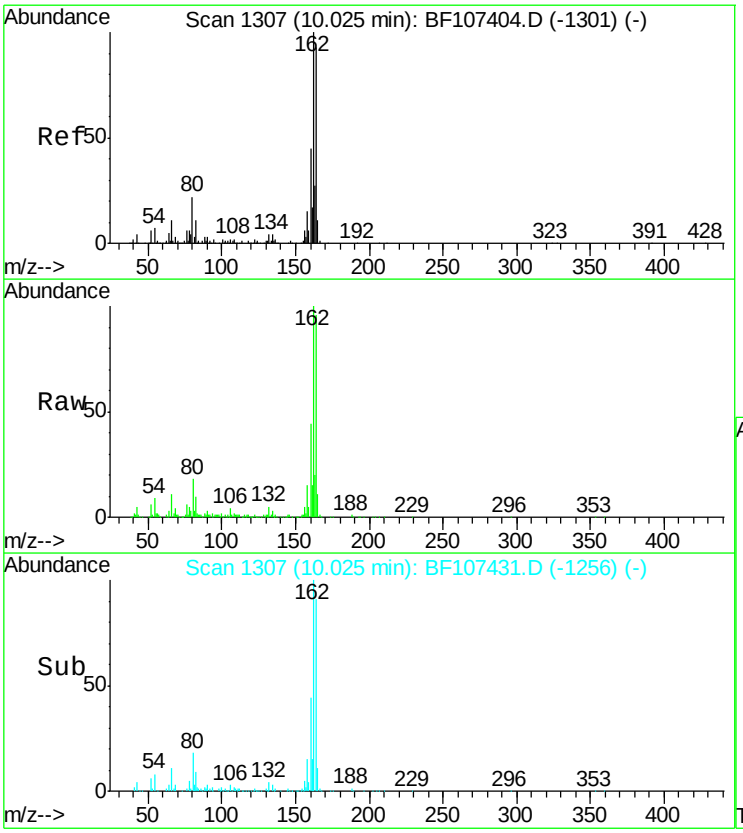
#25
Isophorone
Concen: 20.469 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion: 82 Resp: 412874

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

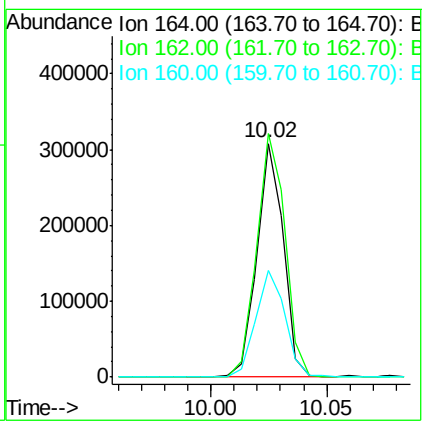


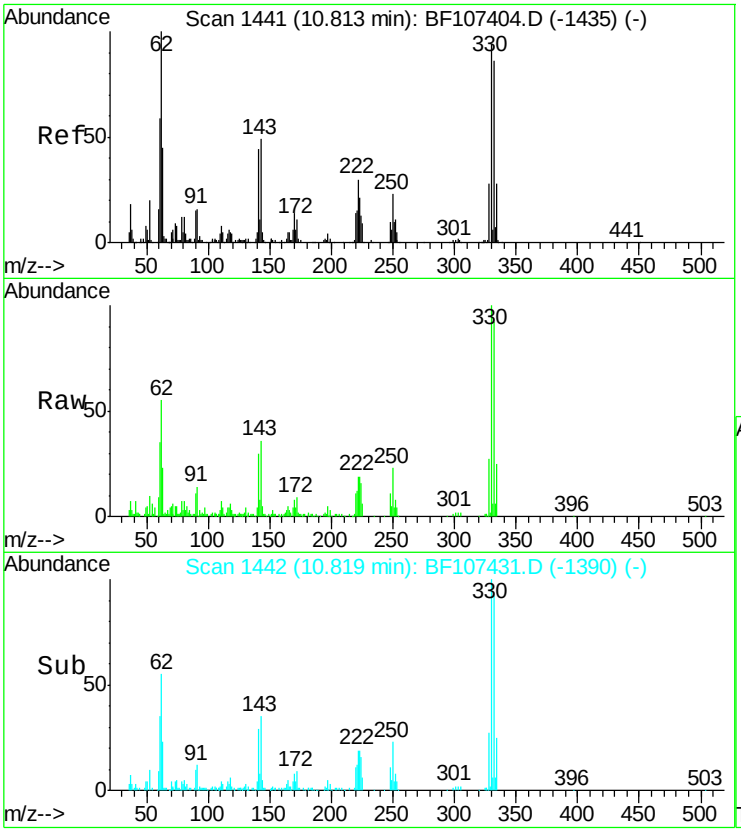


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:164 Resp: 245396

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.7	38.3	57.5



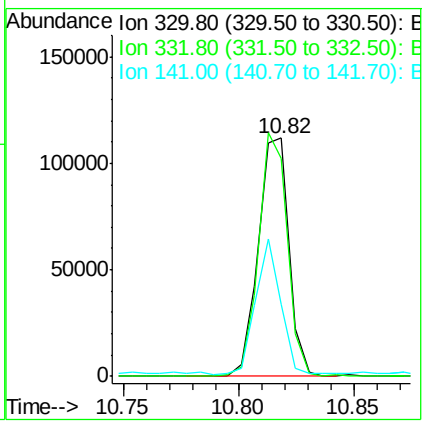


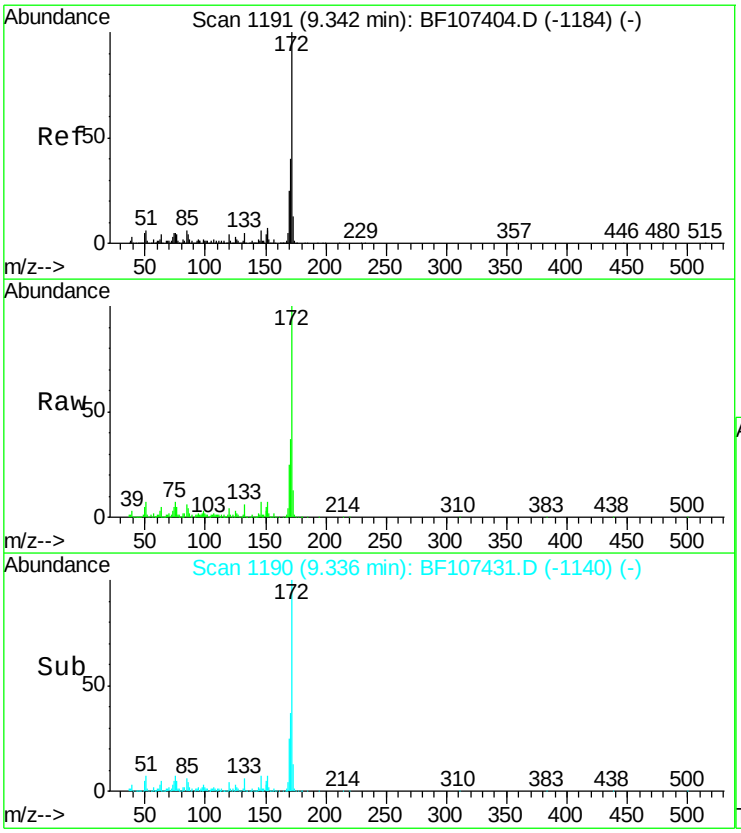
#41
2,4,6-Tribromophenol
Concen: 48.145 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:330 Resp: 103805

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	46.5	29.9	44.9#

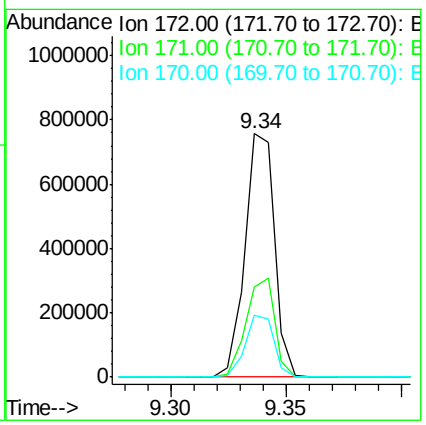


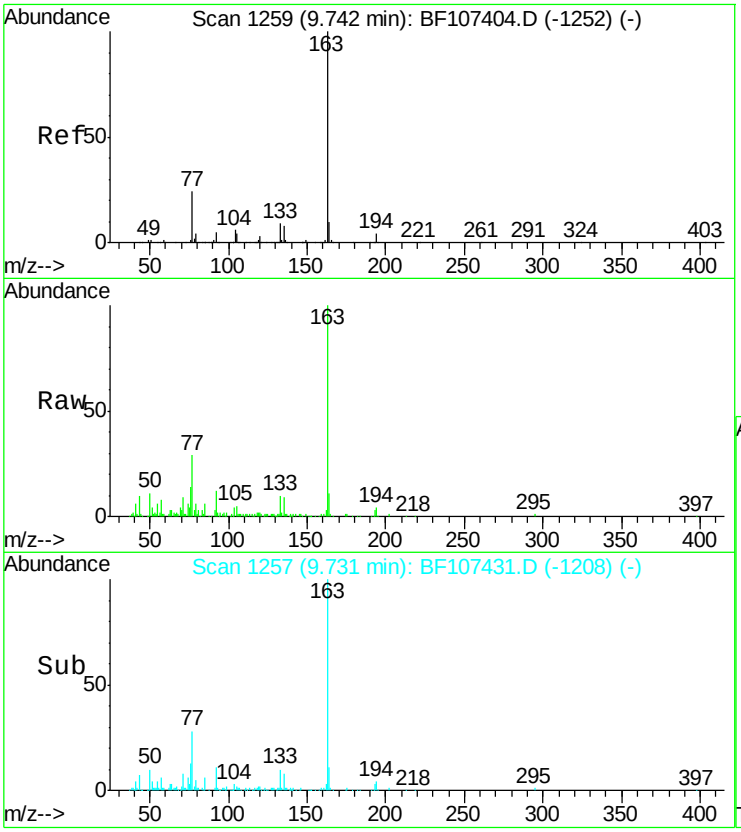


#44
2-Fluorobiphenyl
Concen: 40.548 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:172 Resp: 680203

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.4	19.6	29.4



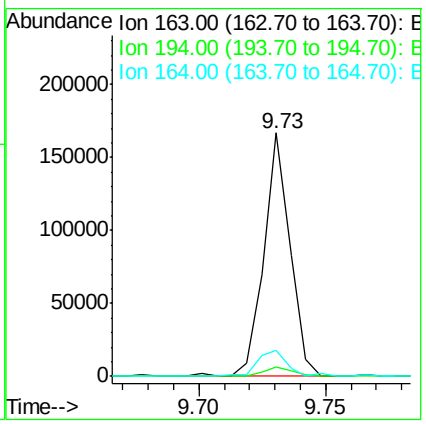


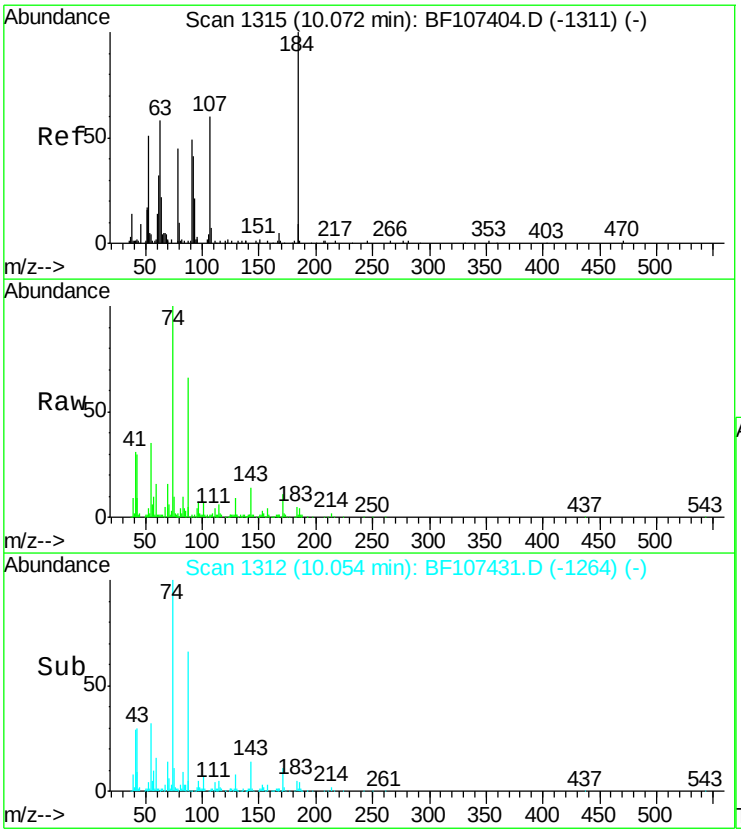
#49
Dimethylphthalate
Concen: 6.208 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:163 Resp: 121033

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2

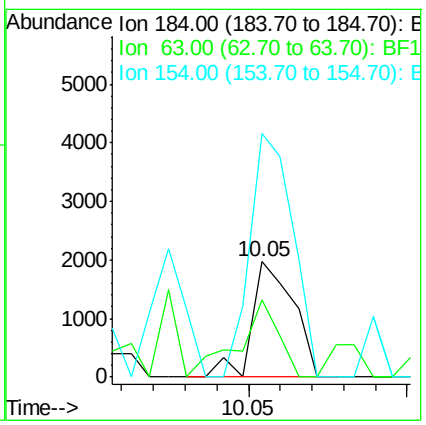


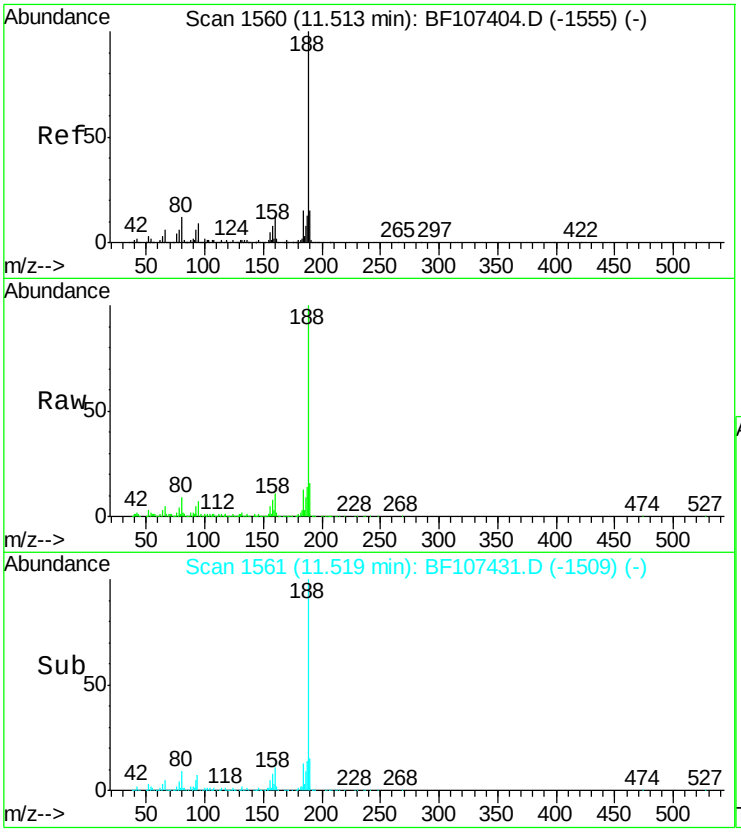


#53
2,4-Dinitrophenol
Concen: 4.226 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:184 Resp: 1788

Ion	Ratio	Lower	Upper
184	100		
63	66.5	54.2	81.2
154	211.3	184.0	276.0



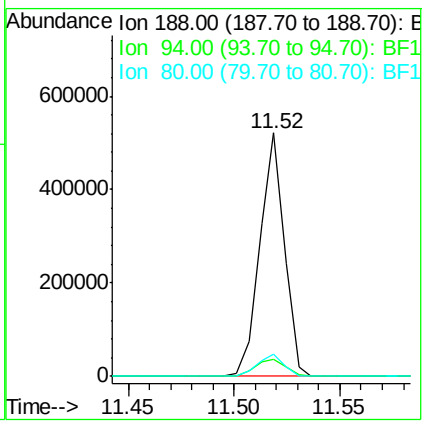


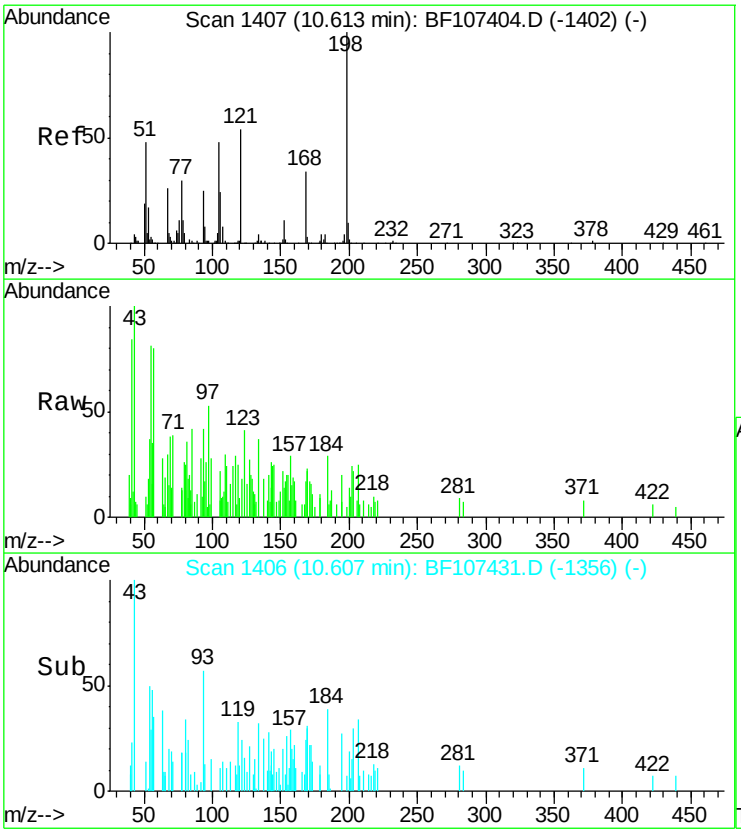
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:188 Resp: 422577

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	9.4	9.2	13.8

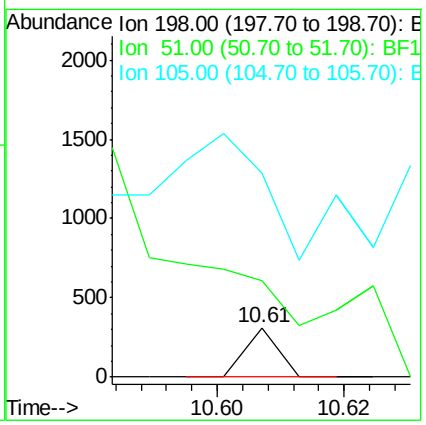


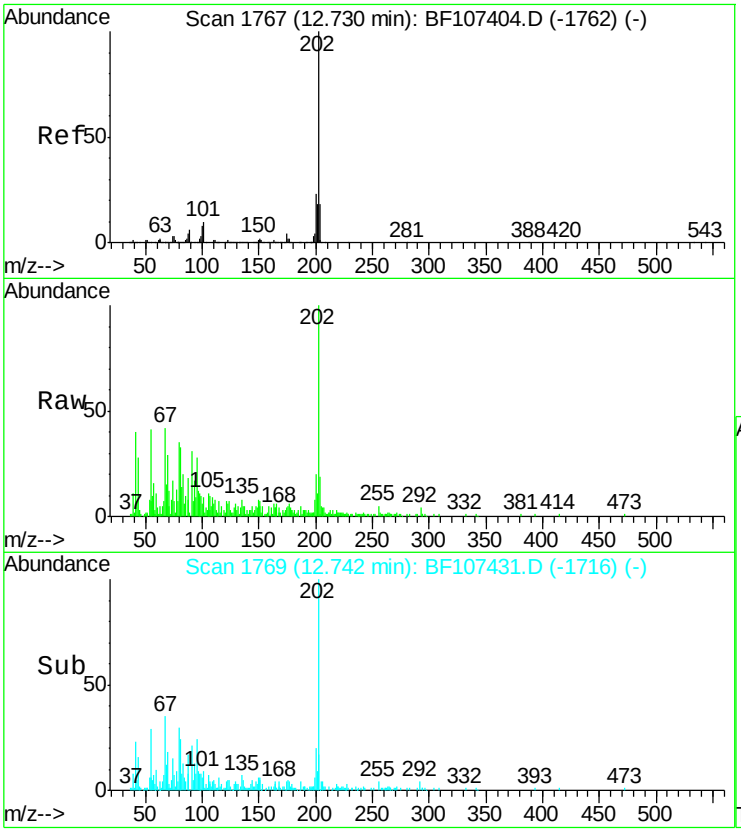


#64
4,6-Dinitro-2-methylphenol
Concen: 7.530 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	196.8	37.7	77.7#
105	414.5	36.3	76.3#



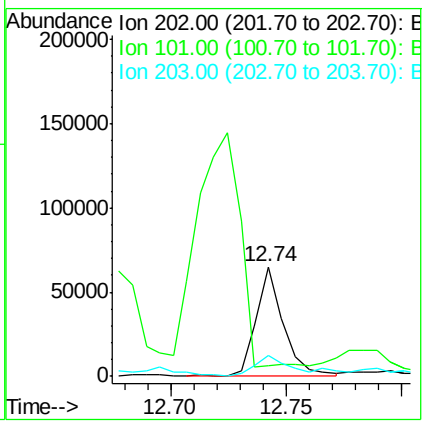


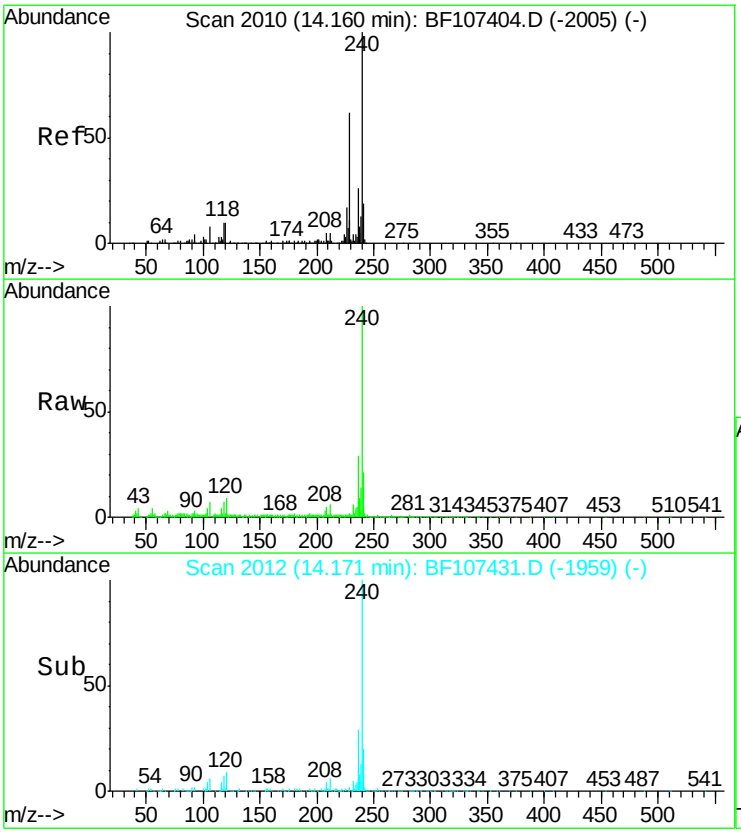
#74
Fluoranthene
Concen: 2.282 ng
RT: 12.74 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:202 Resp: 54632

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	18.5	0.0	38.1

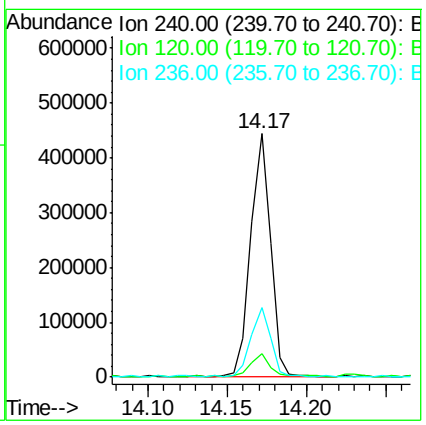


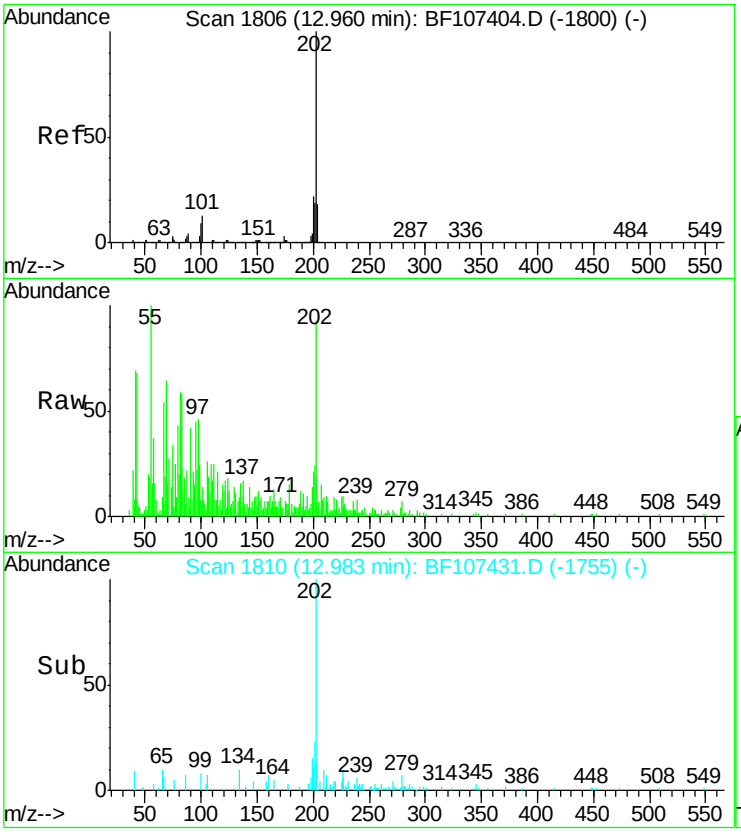


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:240 Resp: 386501

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	28.8	20.7	31.1



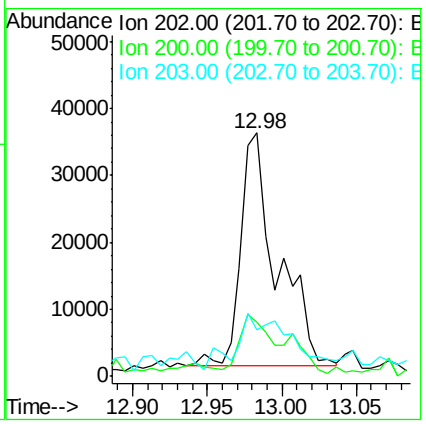


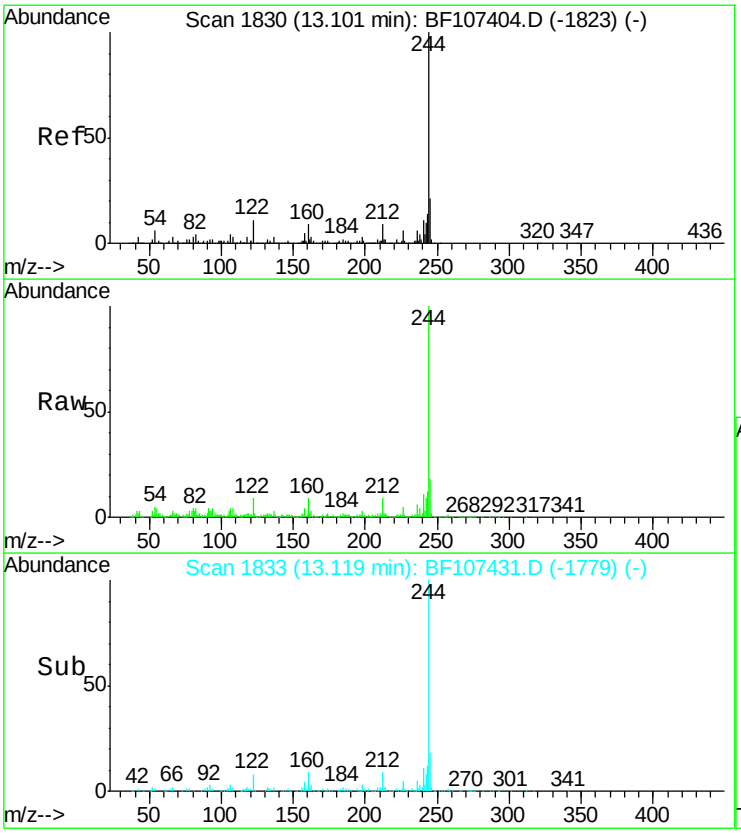
#77
Pyrene
Concen: 2.243 ng
RT: 12.98 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:202 Resp: 58943

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	19.0	14.3	21.5

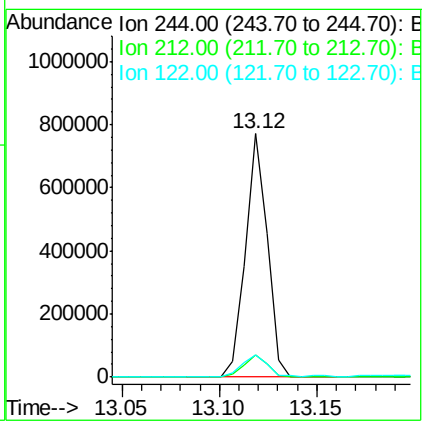


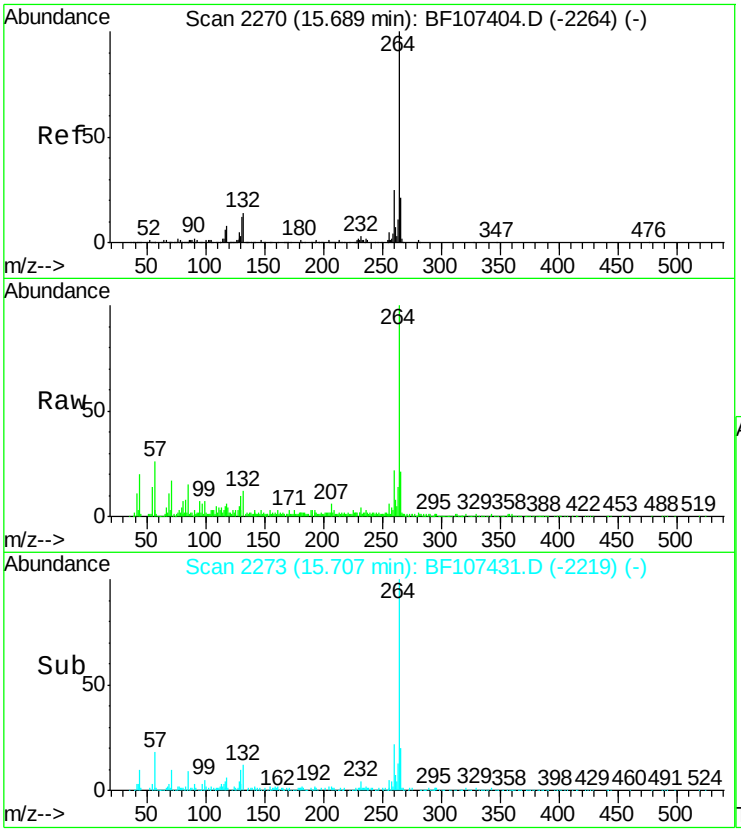


#78
Terphenyl-d14
Concen: 38.411 ng
RT: 13.12 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:244 Resp: 597519

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	8.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:264 Resp: 245076

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.7	17.5	26.3