Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107867.D
Acq On : 31 Jul 2018 23:14
Operator : JU/SJ
Sample : J3823-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-073018-A

Quant Time: Aug 01 01:01:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168922	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	732950	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	296210	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	498705	20.00	ng	0.00
75) Chrysene-d12	14.15	240	460167	20.00	ng	0.00
86) Perylene-d12	15.68	264	360535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	393777	39.62	ng	0.00
7) Phenol-d6	6.60	99	571969	43.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	343656	27.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	129787	32.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	716494	33.71	ng	0.00
78) Terphenyl-d14	13.08	244	574839	27.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	256	5.842	ng	# 15
19) n-Nitroso-di-n-propylamine	7.53	70	38171	4.594	ng	# 85
25) Isophorone	7.53	82	339131	16.239	ng	# 65
53) 2,4-Dinitrophenol	10.23	184	260	8.532	ng	# 73
55) 4-Nitrophenol	10.14	139	185	9.370	ng	# 1
87) Benzo(b)fluoranthene	15.23	252	46421	2.611	ng	# 76
88) Benzo(k)fluoranthene	15.23	252	46738	2.141	ng	# 79

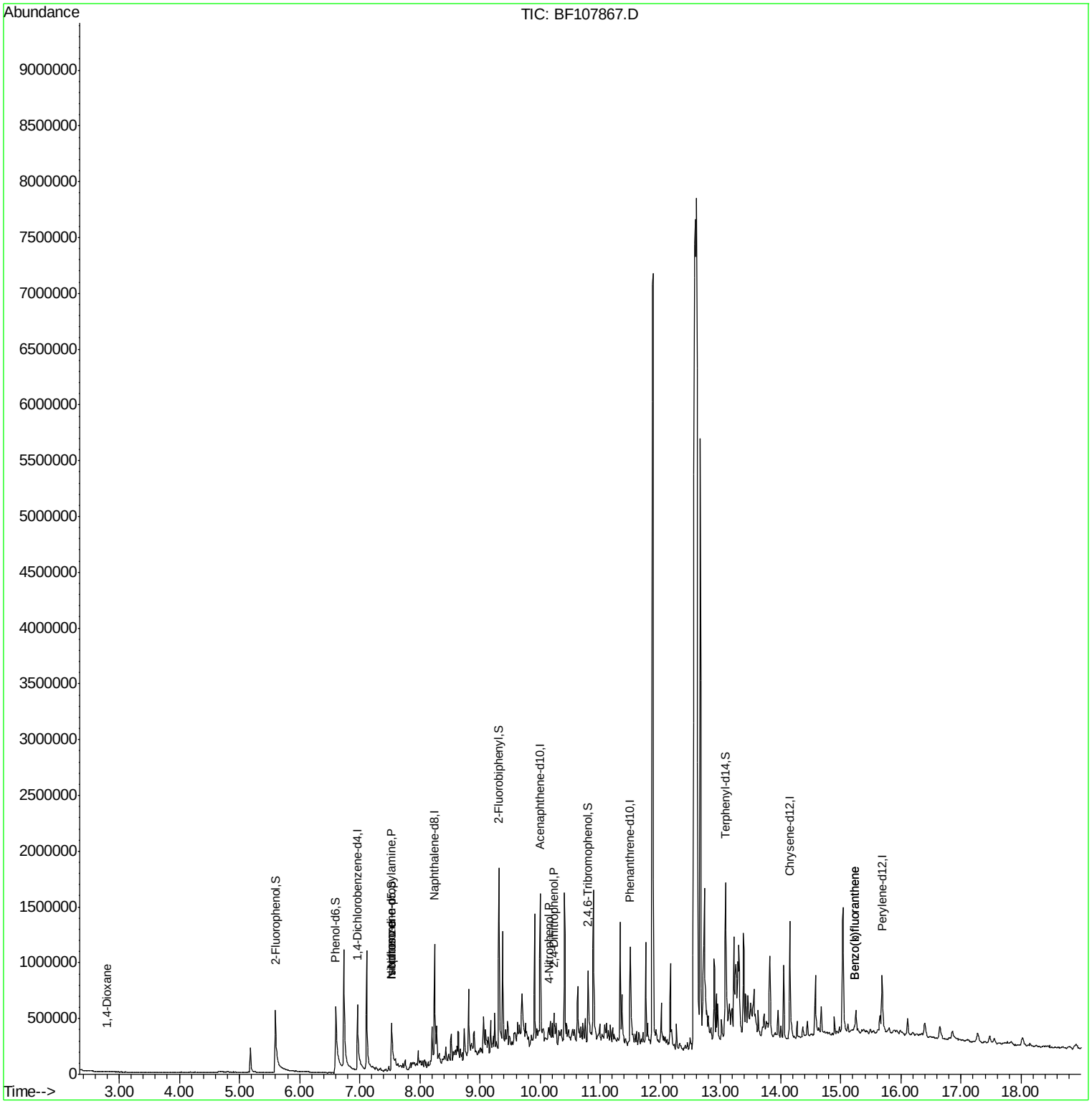
(#) = qualifier out of range (m) = manual integration (+) = signals summed

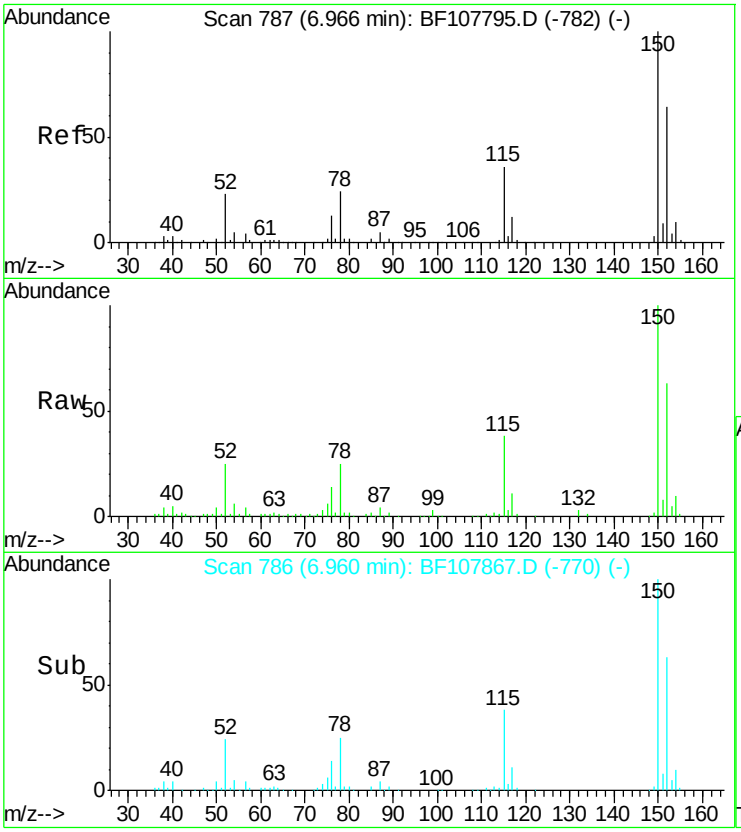
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107867.D
Acq On : 31 Jul 2018 23:14
Operator : JU/SJ
Sample : J3823-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Quant Time: Aug 01 01:01:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



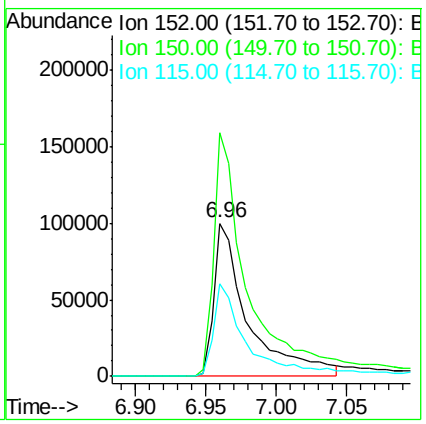


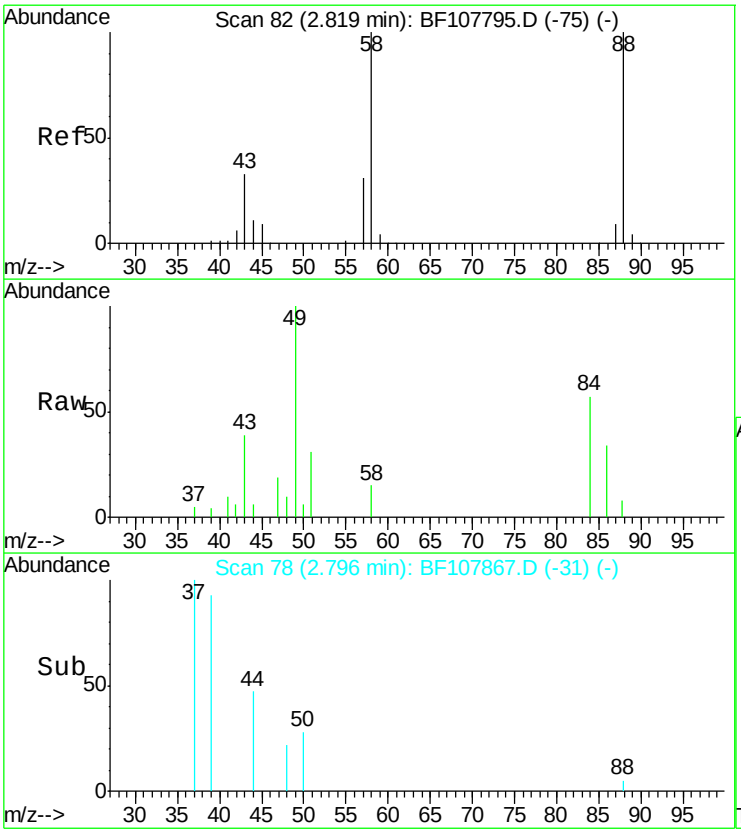
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:152 Resp: 168922

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	60.5	50.1	75.1

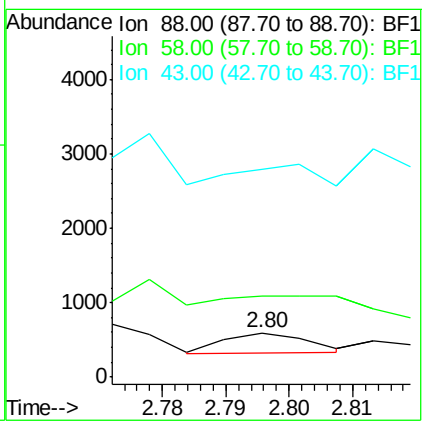


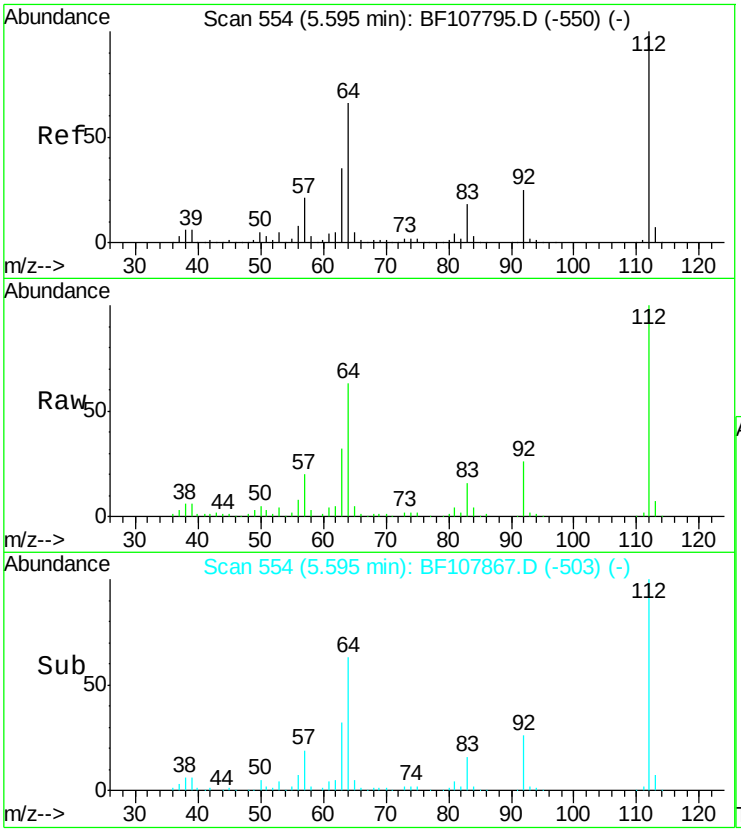


#2
1,4-Dioxane
Concen: 5.842 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion: 88 Resp: 256

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	70.7	24.6	37.0#



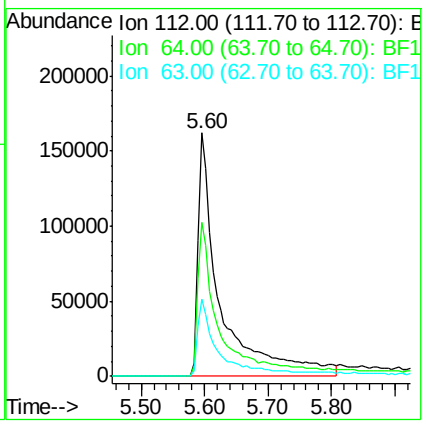


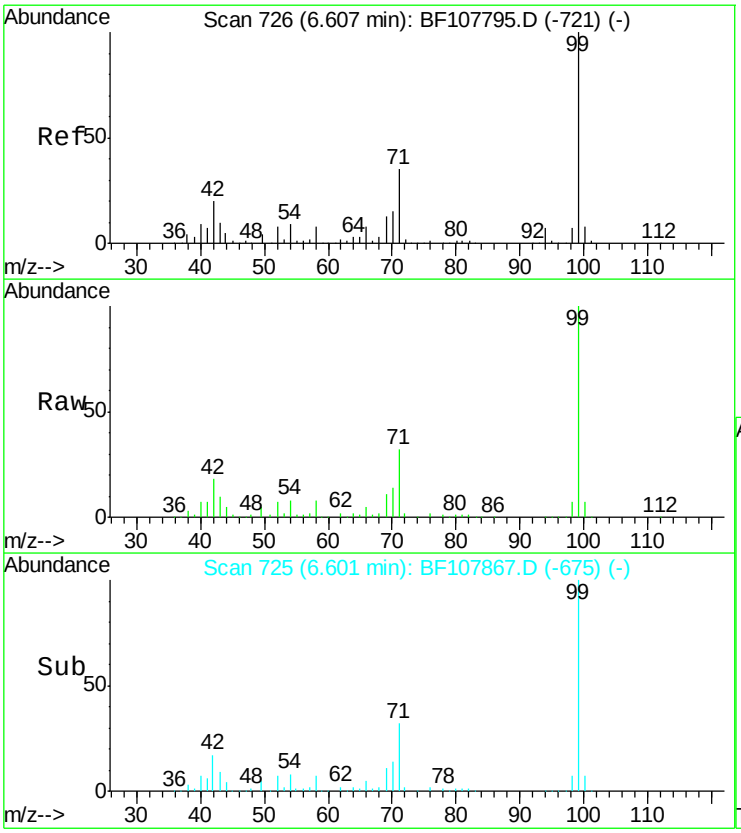
#5
2-Fluorophenol
Concen: 39.618 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:112 Resp: 393777

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	31.8	23.7	35.5

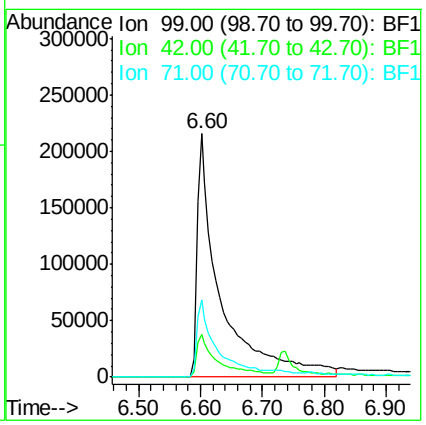


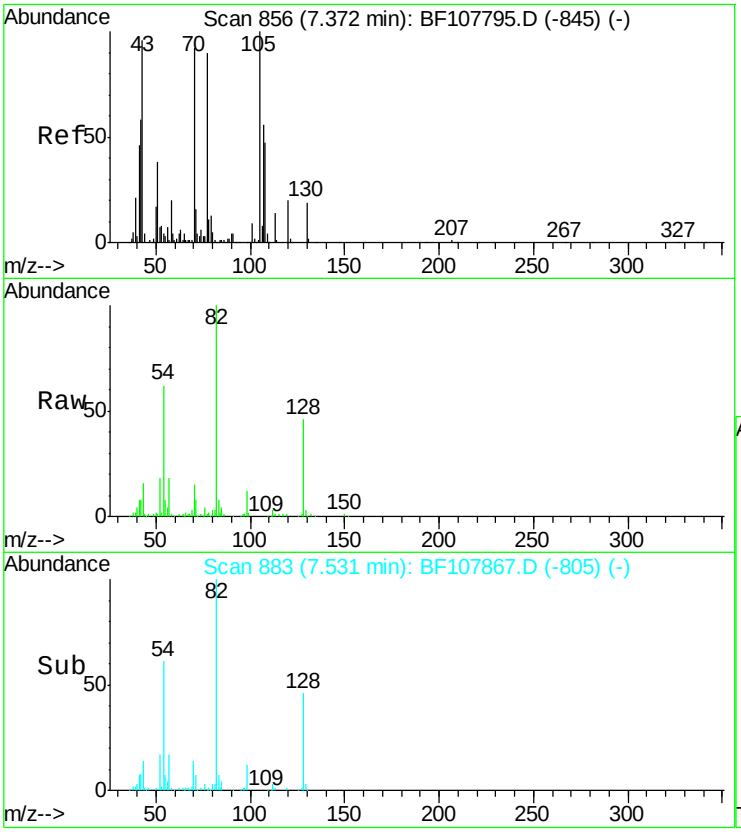


#7
Phenol-d6
Concen: 43.664 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion: 99 Resp: 571969

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	31.8	25.4	38.0



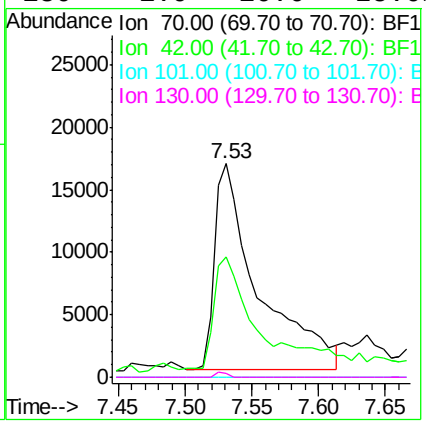


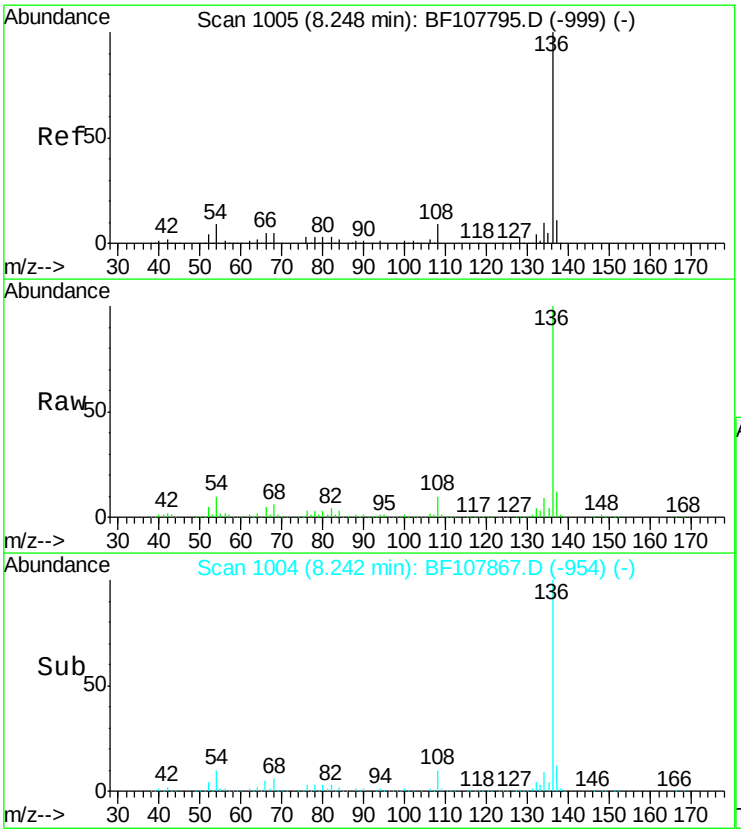
#19
n-Nitroso-di-n-propylamine
Concen: 4.594 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion: 70 Resp: 38171

Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

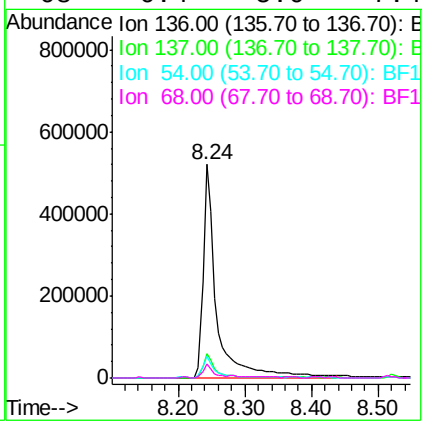


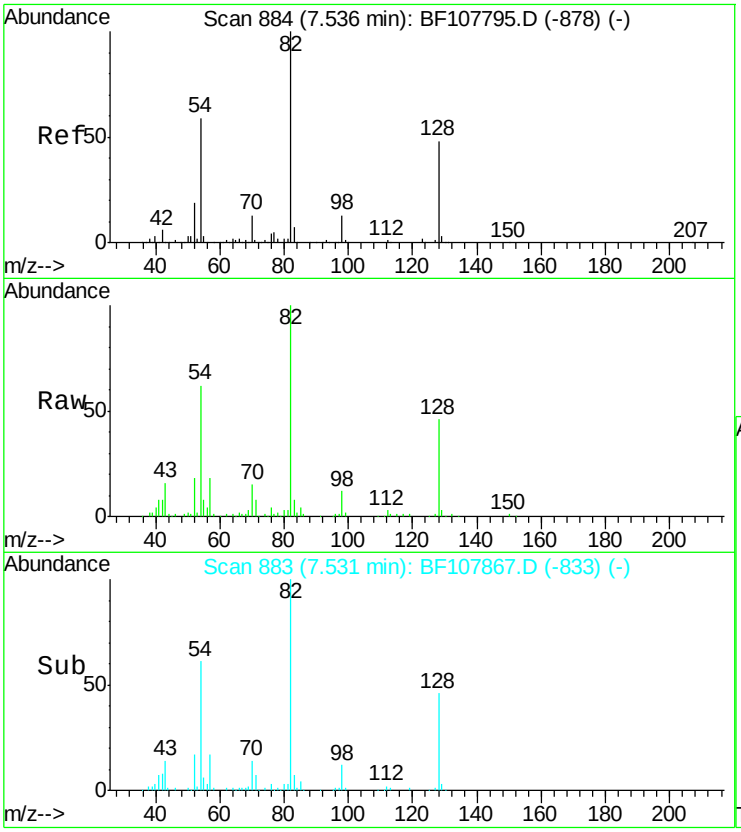


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:136 Resp: 732950

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.0	6.6	9.8#
68	6.4	5.0	7.4



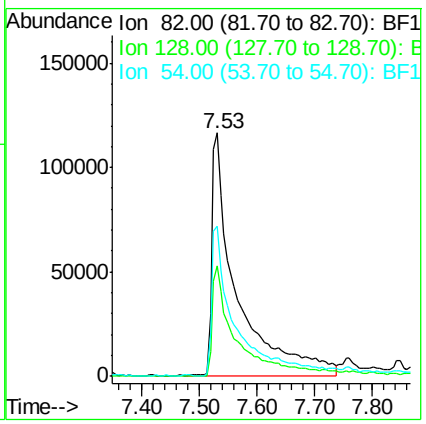


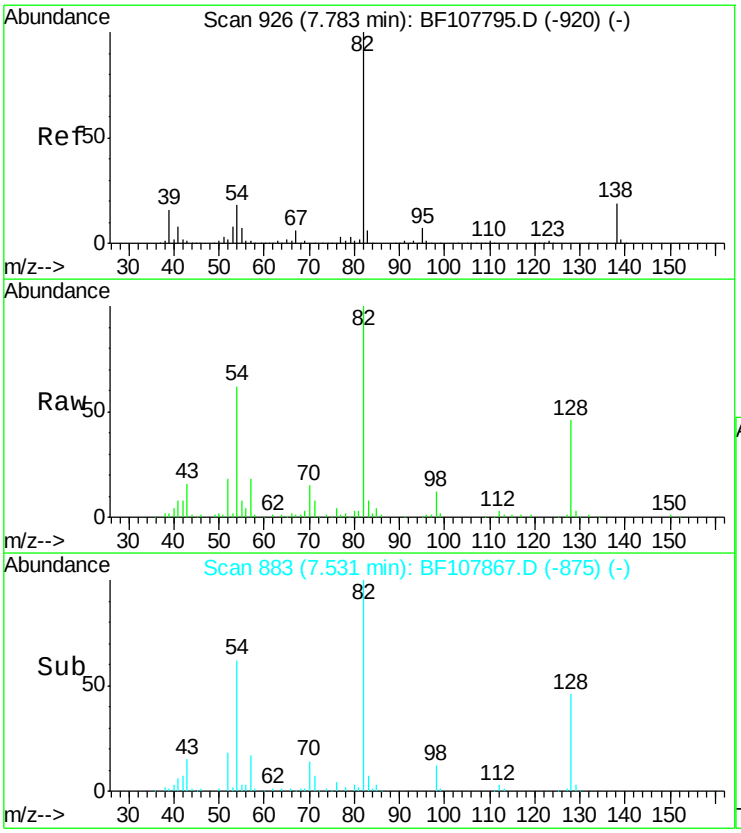
#23
Nitrobenzene-d5
Concen: 27.012 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion: 82 Resp: 343656

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	61.8	41.4	62.2

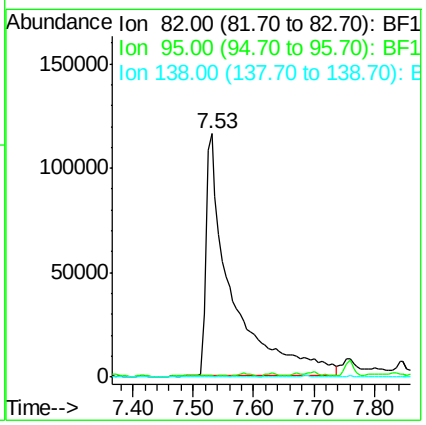


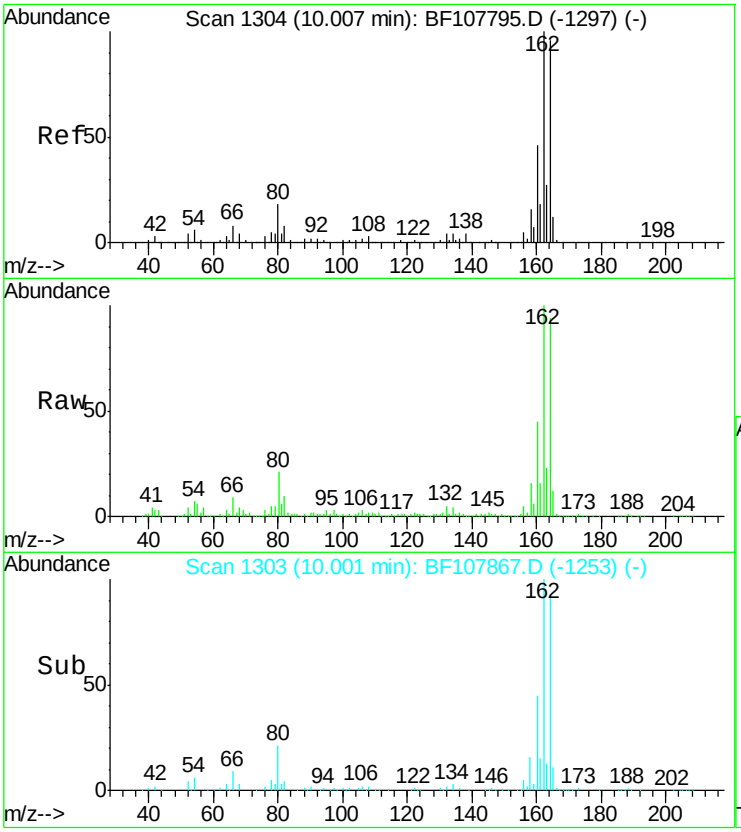


#25
Isophorone
Concen: 16.239 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion: 82 Resp: 339131

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.2	7.8#
138	0.0	14.9	22.3#



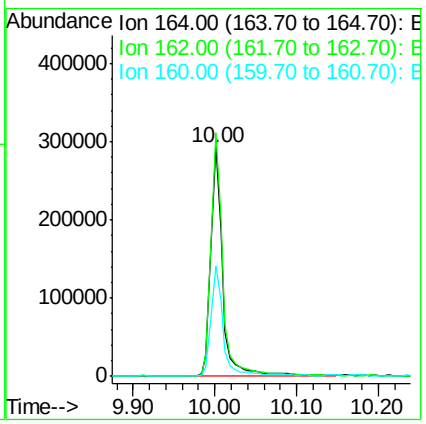


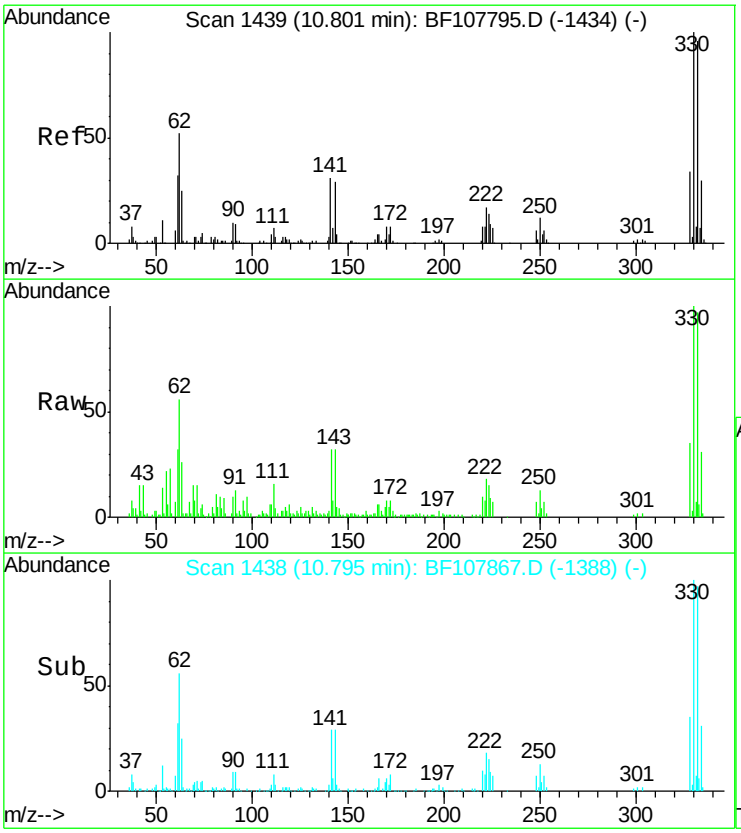
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:164 Resp: 296210

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	47.9	38.3	57.5

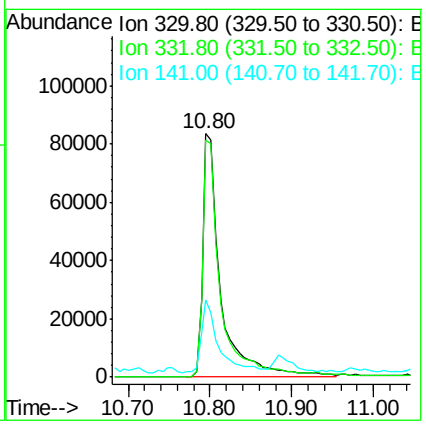


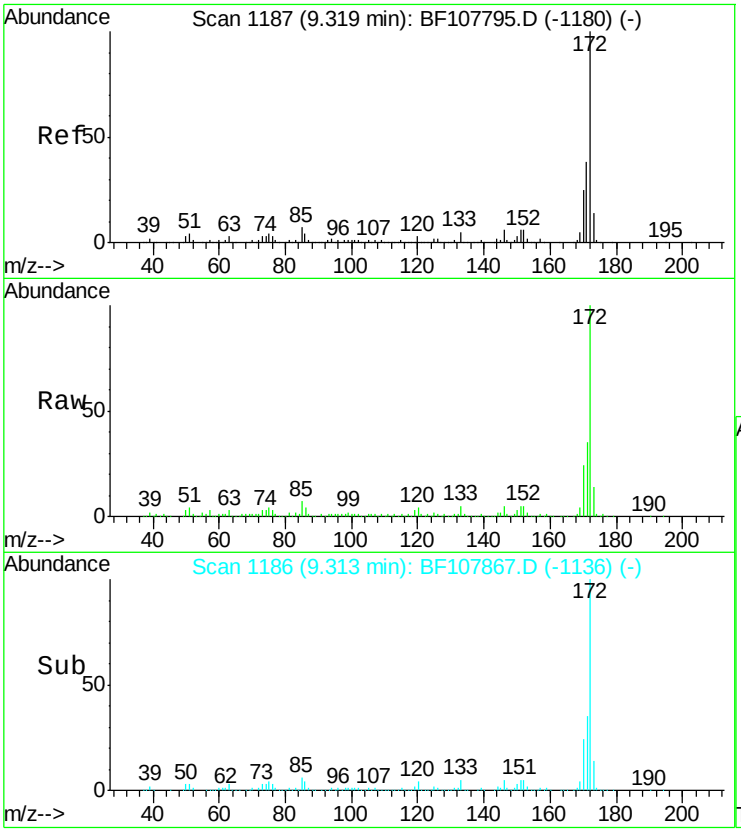


#41
2,4,6-Tribromophenol
Concen: 32.246 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:330 Resp: 129787

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	27.7	29.9	44.9#



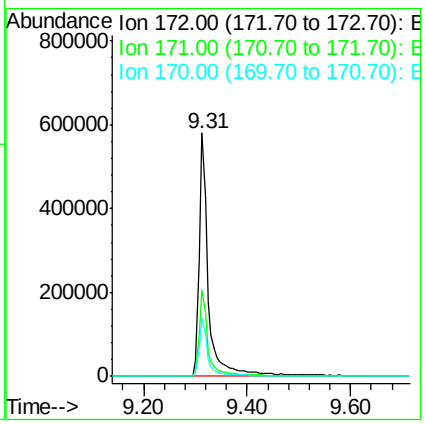


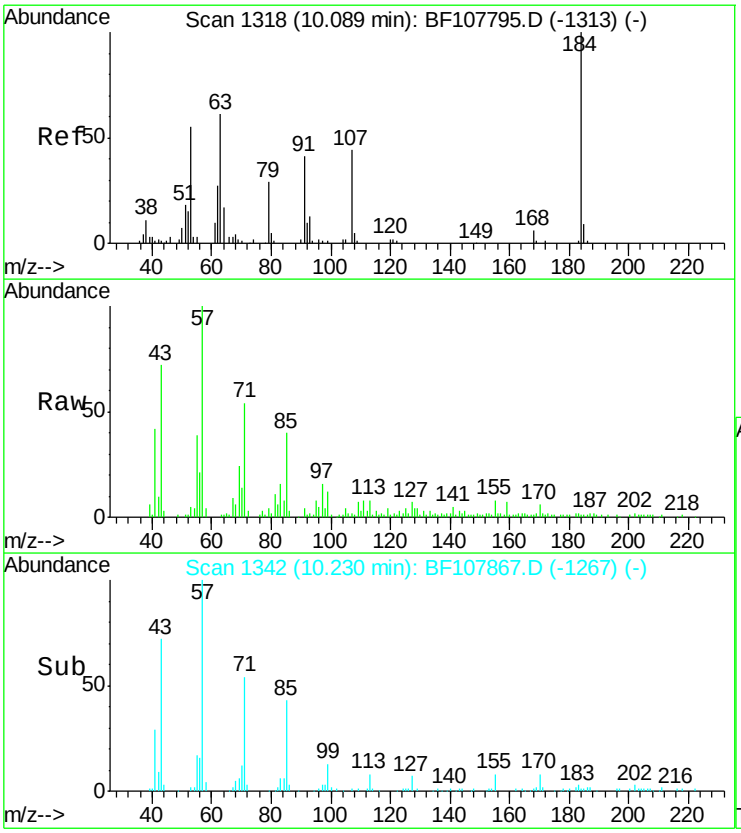
#44
2-Fluorobiphenyl
Concen: 33.707 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:172 Resp: 716494

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	19.6	29.4

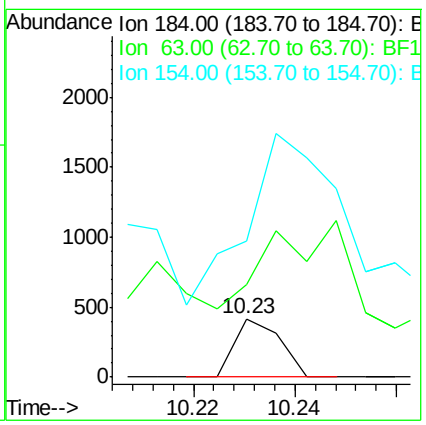


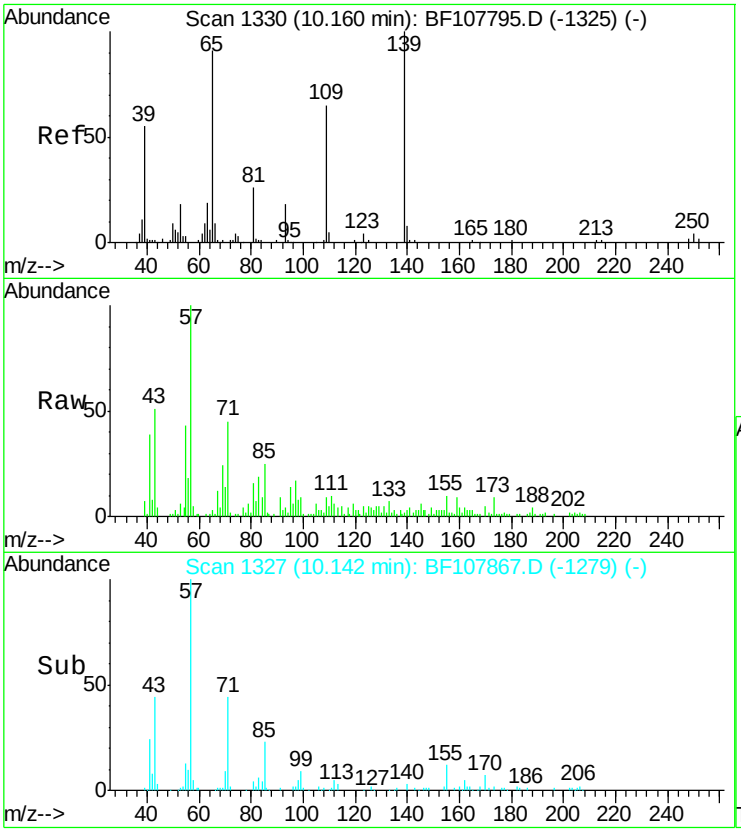


#53
2,4-Dinitrophenol
Concen: 8.532 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.14 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:184 Resp: 260

Ion	Ratio	Lower	Upper
184	100		
63	159.1	54.2	81.2#
154	233.3	184.0	276.0



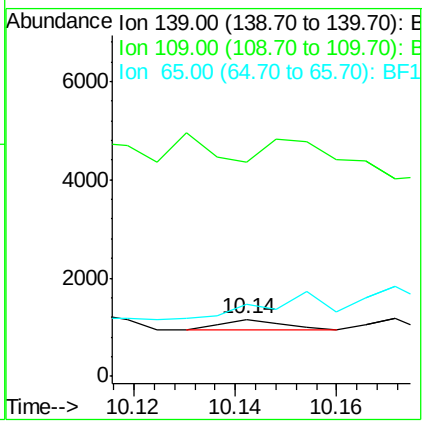


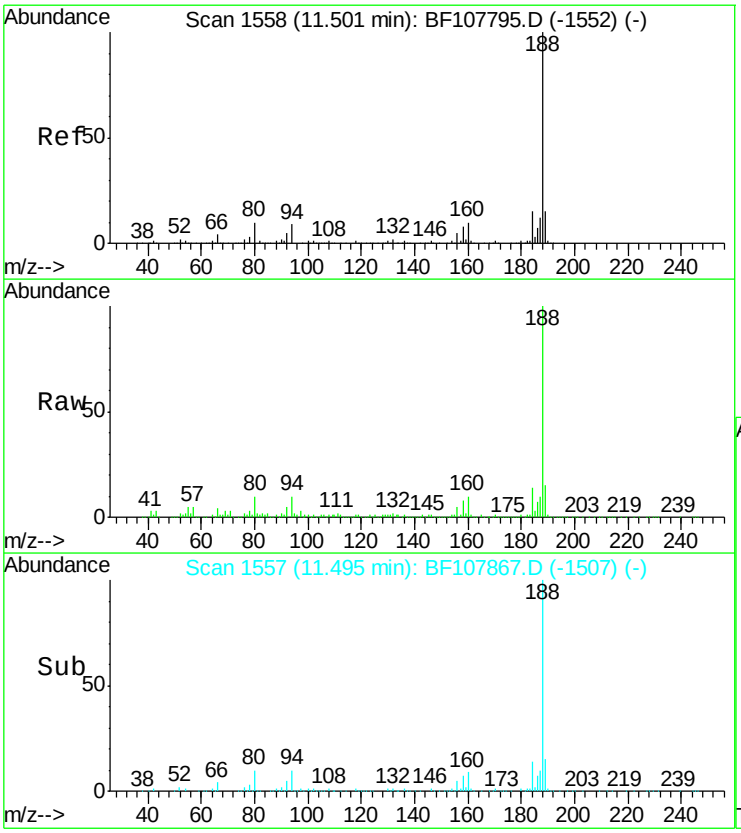
#55
4-Nitrophenol
Concen: 9.370 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:139 Resp: 185

Ion	Ratio	Lower	Upper
139	100		
109	375.3	48.4	88.4#
65	126.2	72.6	112.6#

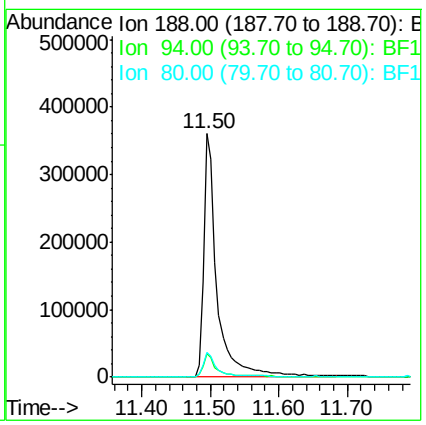


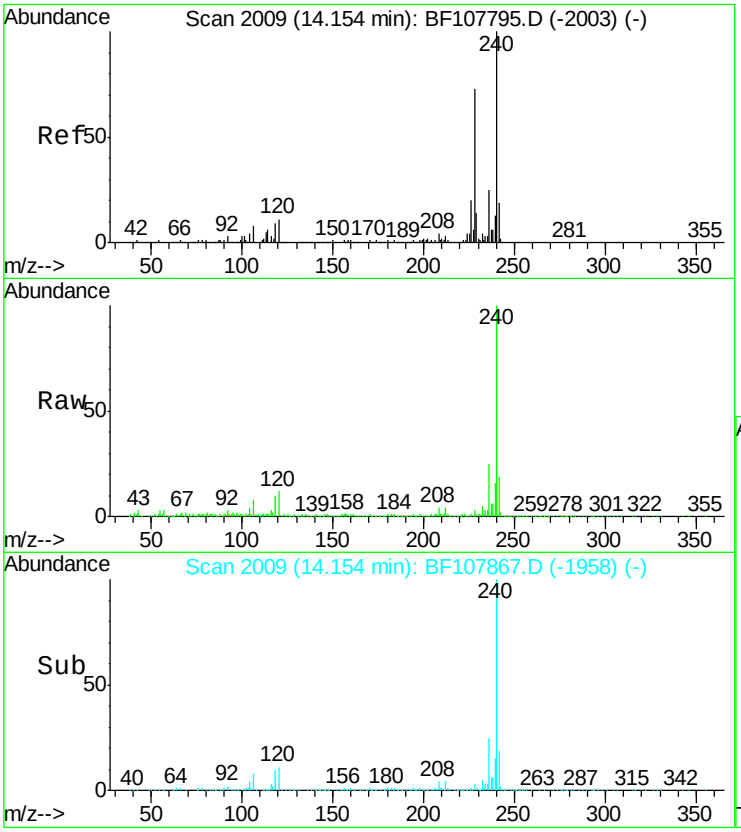


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:188 Resp: 498705

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8



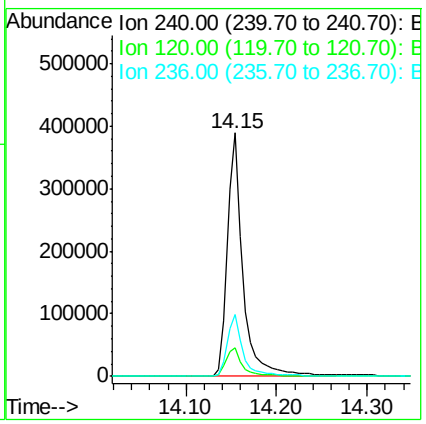


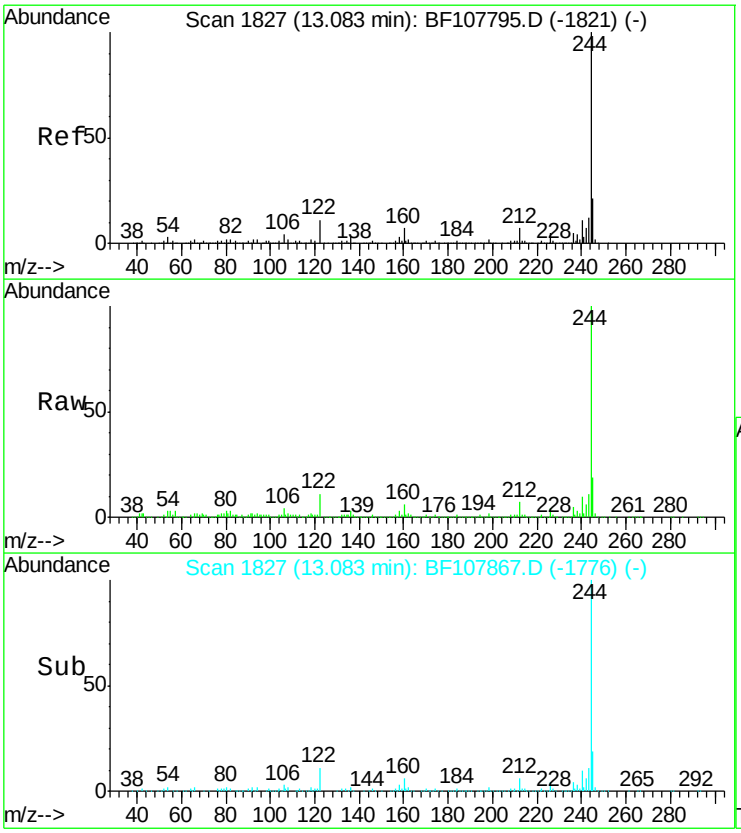
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:240 Resp: 460167

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.3	20.7	31.1

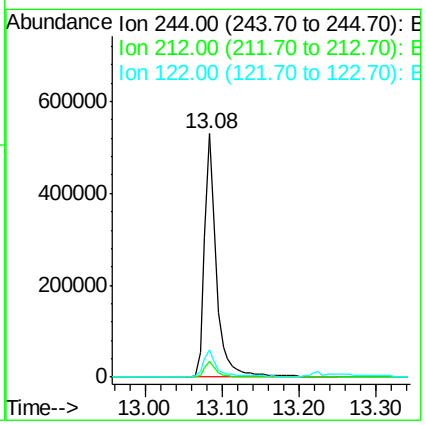


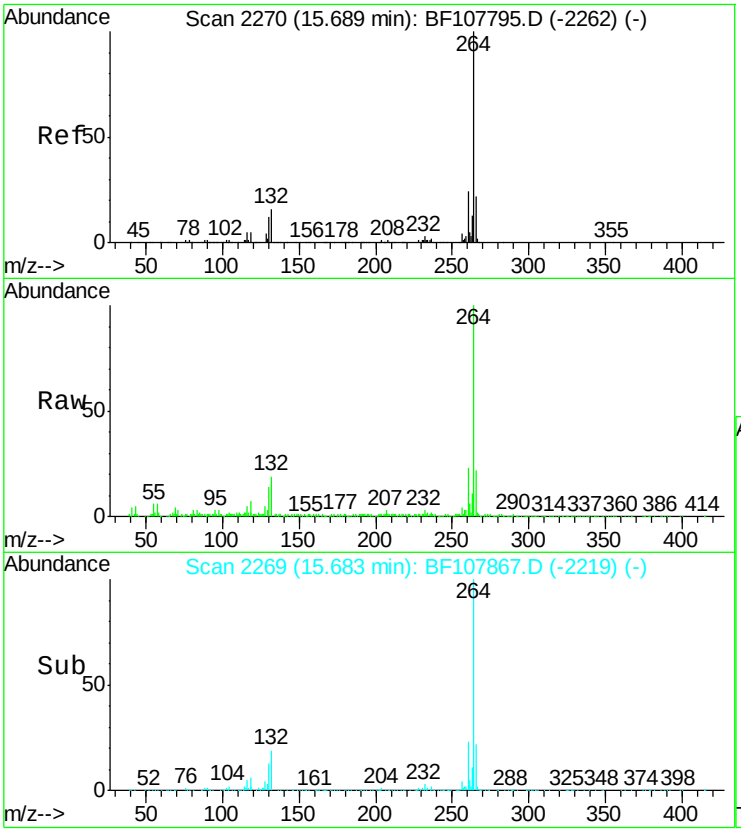


#78
Terphenyl-d14
Concen: 27.088 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:244 Resp: 574839

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.2	11.0	16.4



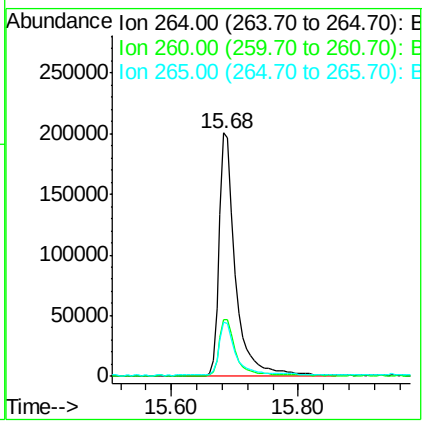


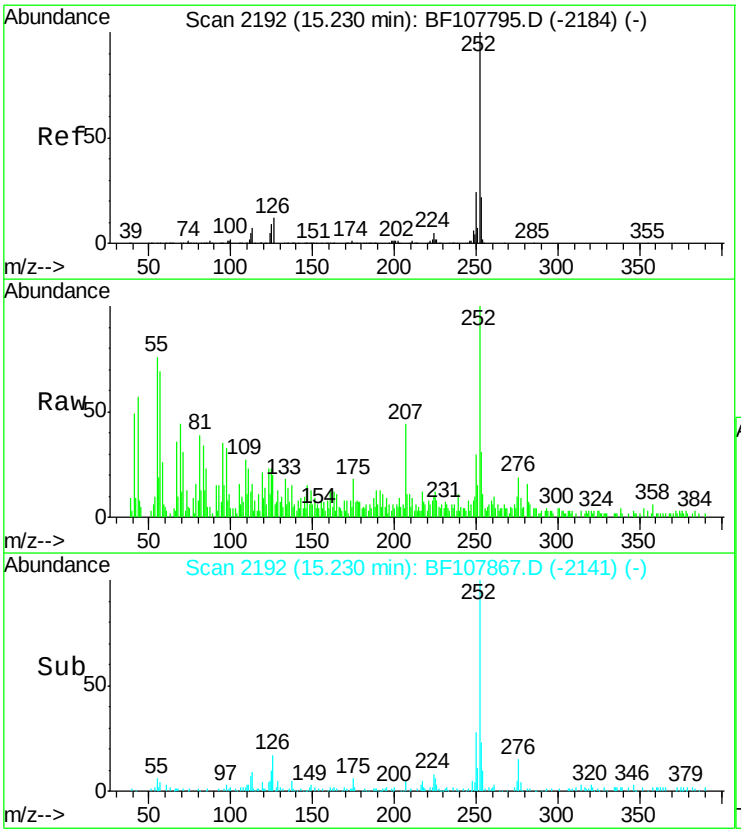
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:264 Resp: 360535

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

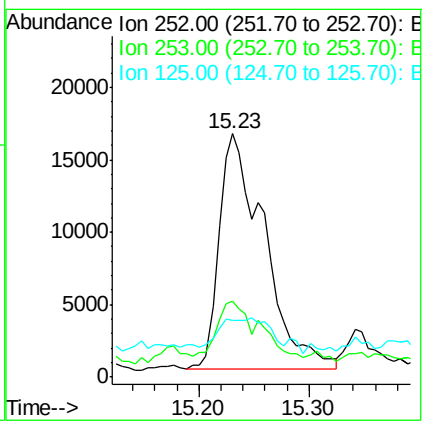


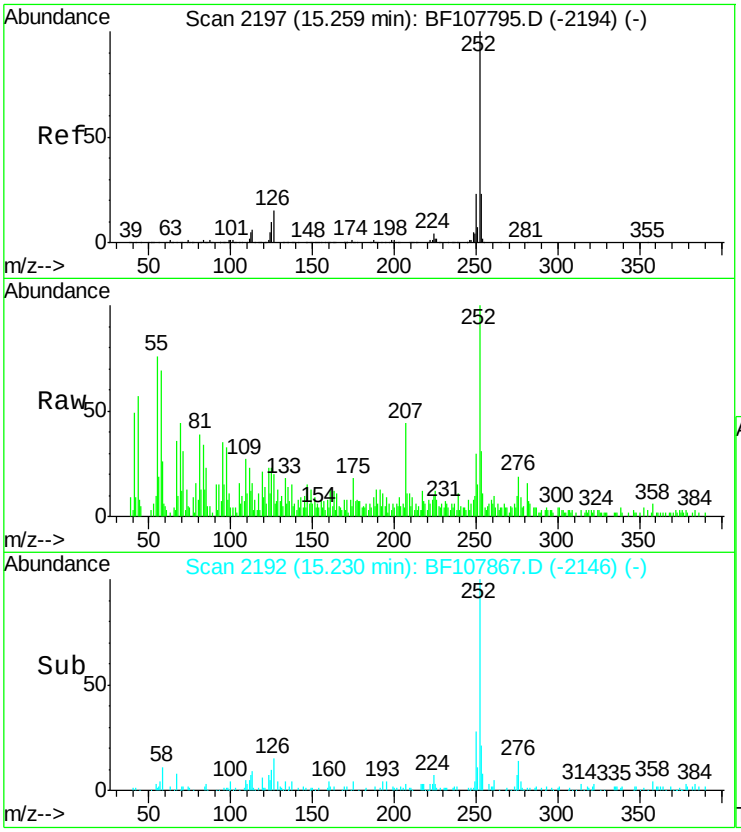


#87
Benzo(b)fluoranthene
Concen: 2.611 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:252 Resp: 46421

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.0	25.6#
125	23.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.141 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tgt Ion:252 Resp: 46738

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.9	26.9#
125	23.3	10.2	15.2#