Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 01:00:03 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	139328	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	593861	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	278080	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496346	20.00	ng	0.00
75) Chrysene-d12	14.15	240	361739	20.00	ng	0.00
86) Perylene-d12	15.69	264	388482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	550375	67.14	ng	0.00
7) Phenol-d6	6.61	99	444140	41.11	ng	0.00
23) Nitrobenzene-d5	7.53	82	962703	93.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	450941	119.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1766561	88.52	ng	0.00
78) Terphenyl-d14	13.08	244	1437288	86.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	368	5.878	ng	# 21
15) Benzyl Alcohol	7.11	79	16138	2.403	ng	# 45
18) Hexachloroethane	7.48	117	35868	8.300	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	121243	17.690	ng	# 79
25) Isophorone	7.53	82	962703	56.894	ng	# 64
32) Benzoic acid	8.05	122	2559	2.020	ng	# 1
49) Dimethylphthalate	9.71	163	198739	9.516	ng	98
53) 2,4-Dinitrophenol	10.18	184	229	8.526	ng	# 1
55) 4-Nitrophenol	10.16	139	1794	9.901	ng	# 12
56) 2,4-Dinitrotoluene	10.00	165	36731	6.158	ng	# 32
66) 4-Bromophenyl-phenylether	10.80	248	26795	4.632	ng	# 1

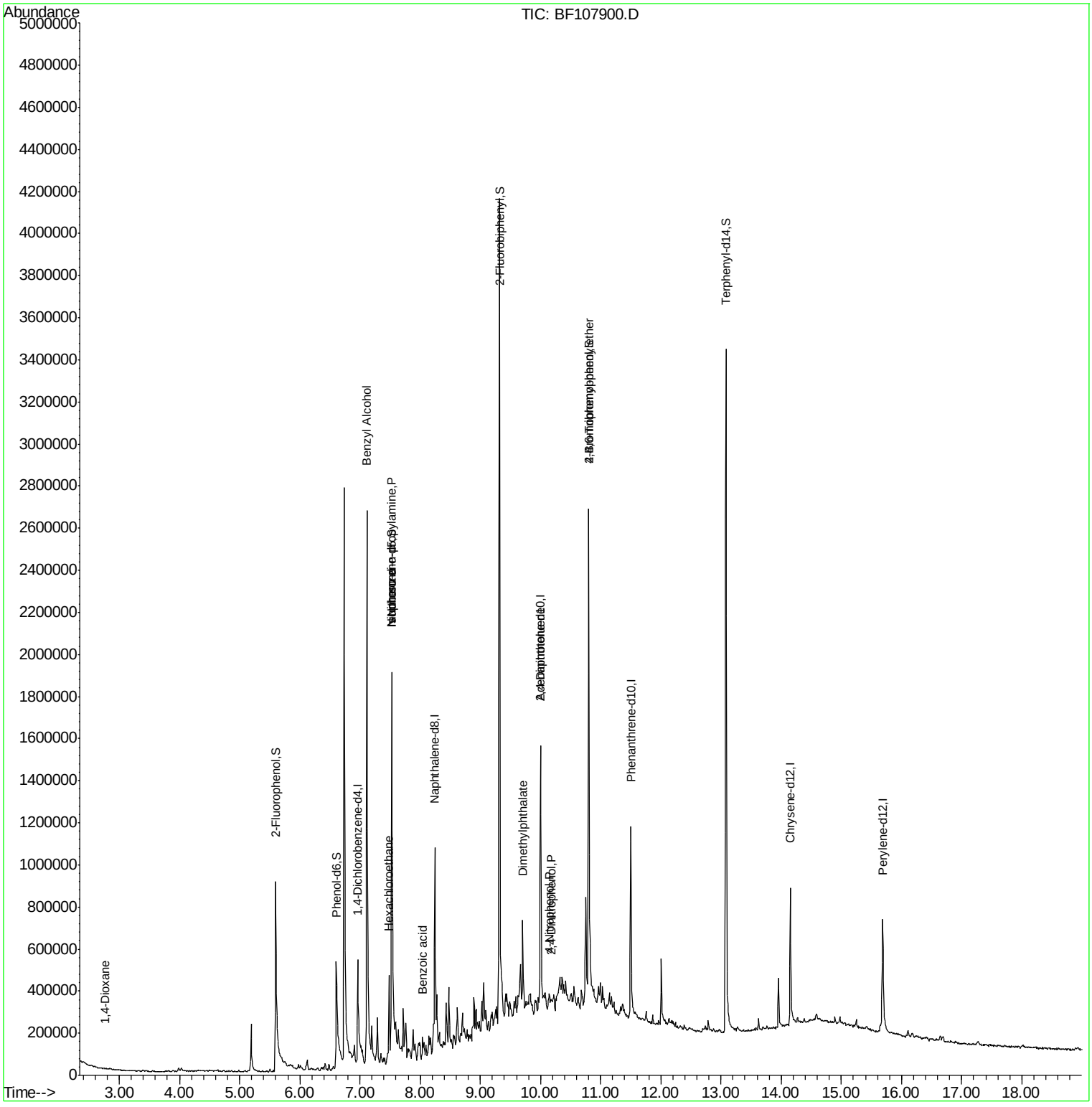
(#) = qualifier out of range (m) = manual integration (+) = signals summed

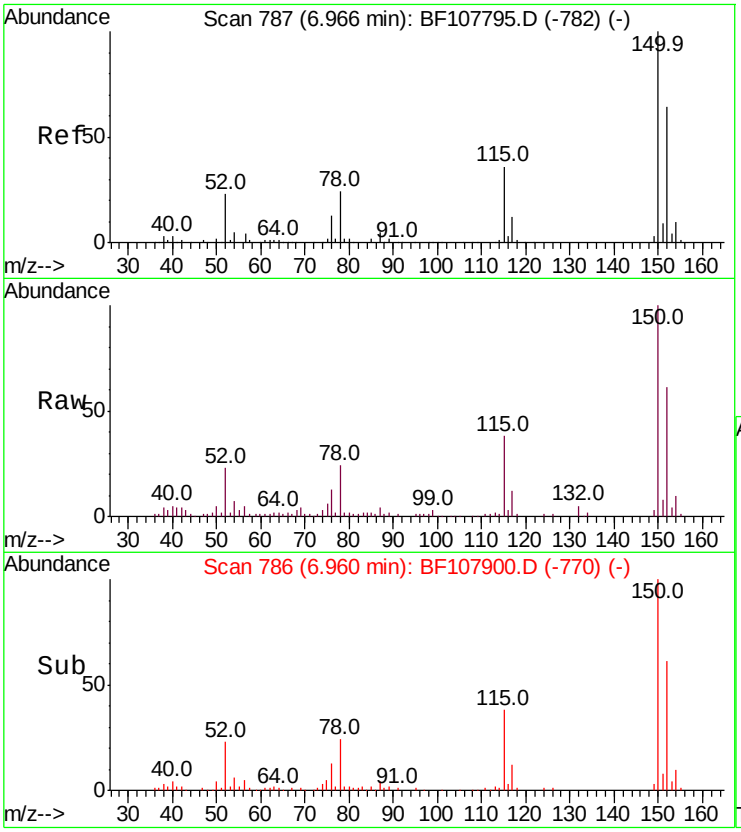
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 01:00:03 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



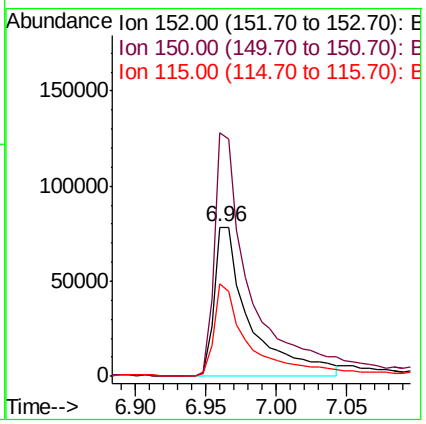


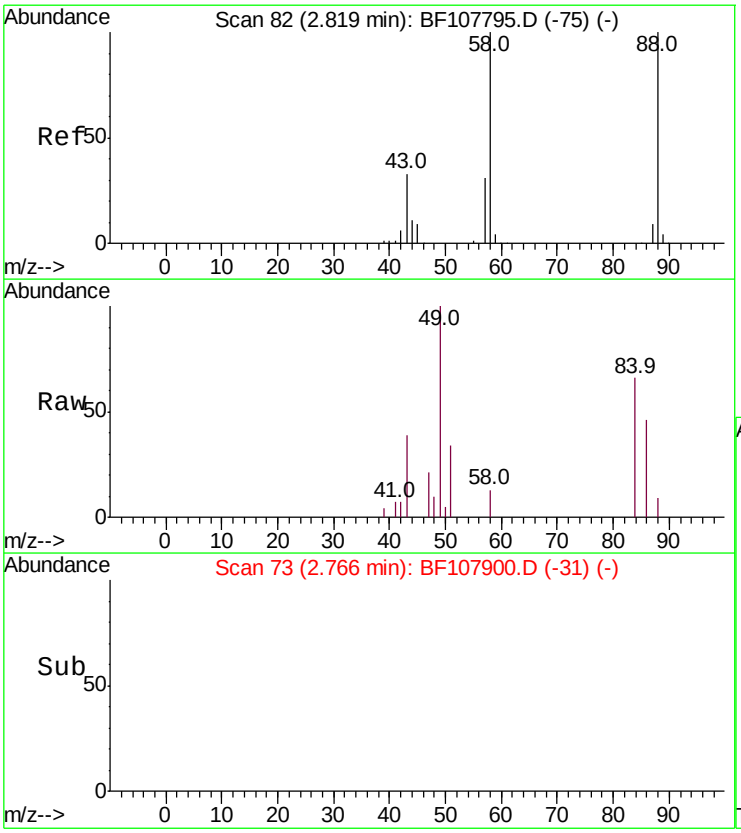
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139328

Ion	Ratio	Lower	Upper
152	100		
150	163.3	124.6	186.8
115	61.7	50.1	75.1

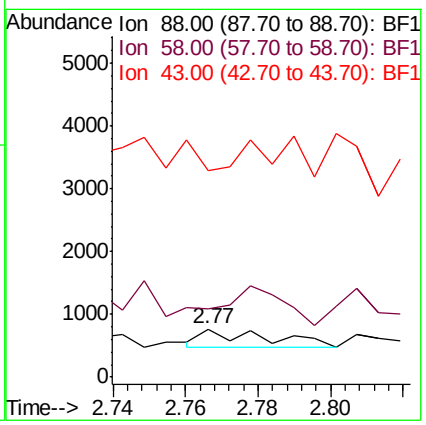


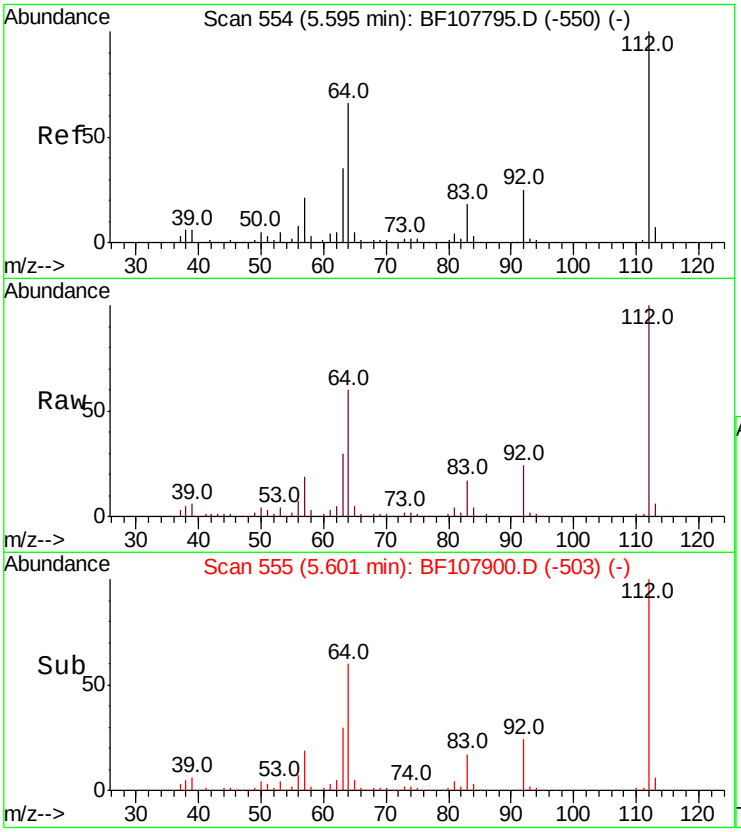


#2
1,4-Dioxane
Concen: 5.878 ng
RT: 2.77 min Scan# 73
Delta R.T. -0.05 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 88 Resp: 368

Ion	Ratio	Lower	Upper
88	100		
58	166.0	62.6	93.8#
43	43.2	24.6	37.0#



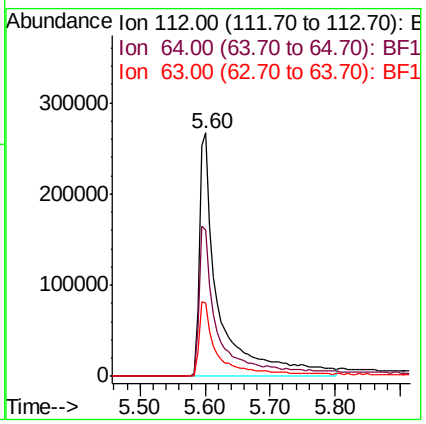


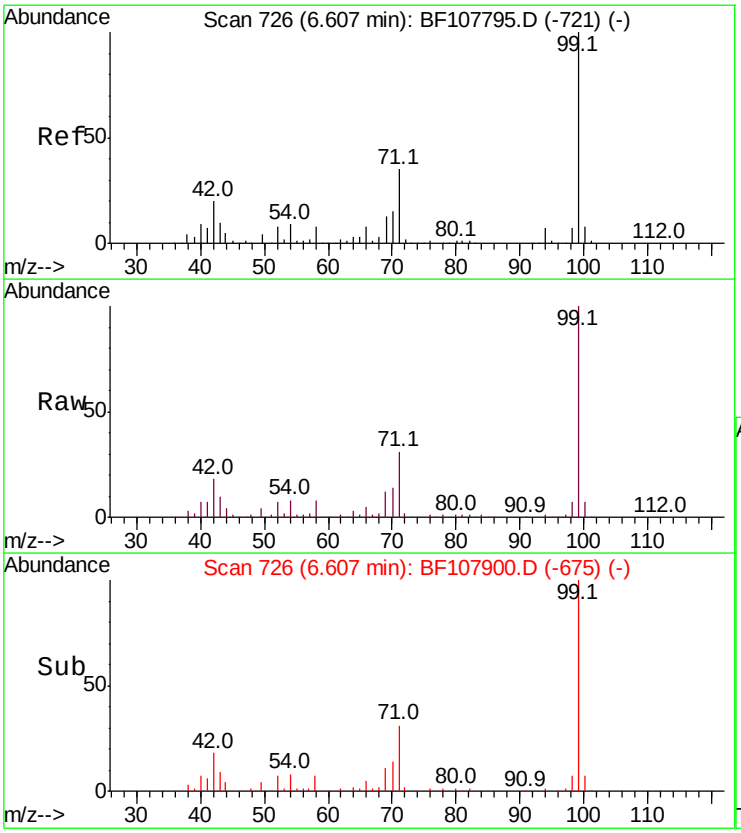
#5
2-Fluorophenol
Concen: 67.136 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 550375

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.4	23.7	35.5

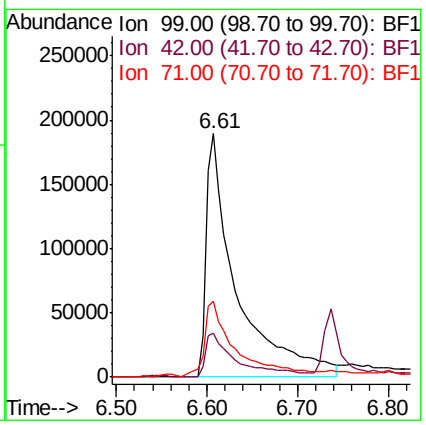


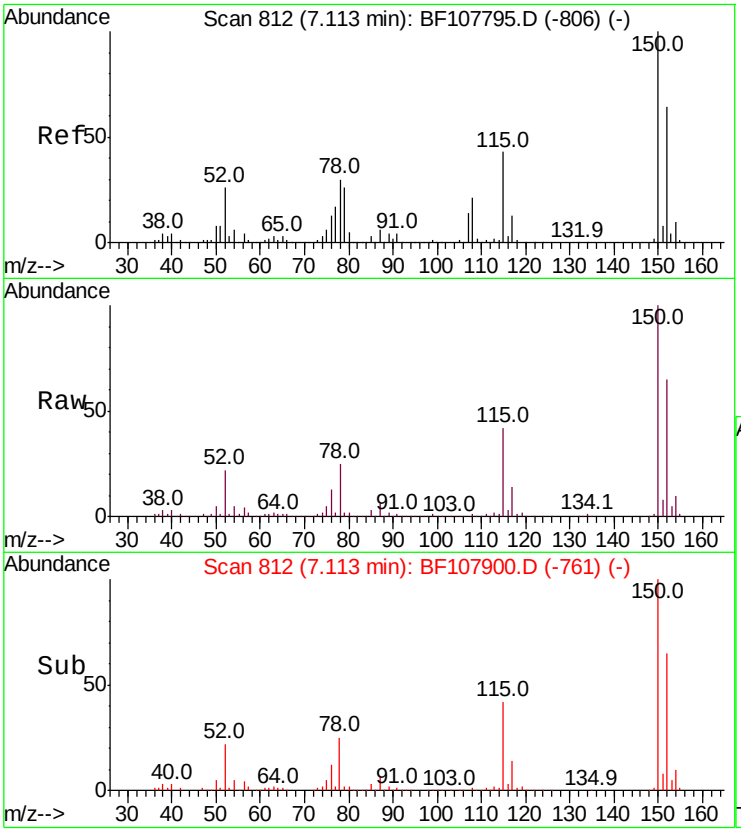


#7
Phenol-d6
Concen: 41.107 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 99 Resp: 444140

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	31.4	25.4	38.0



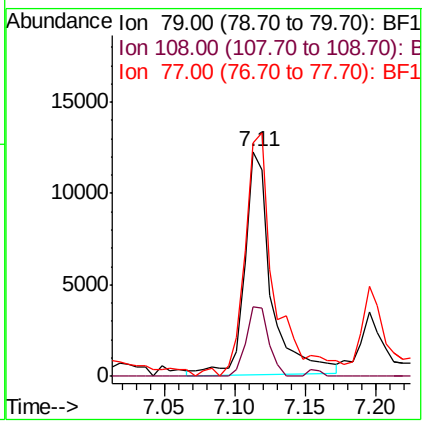


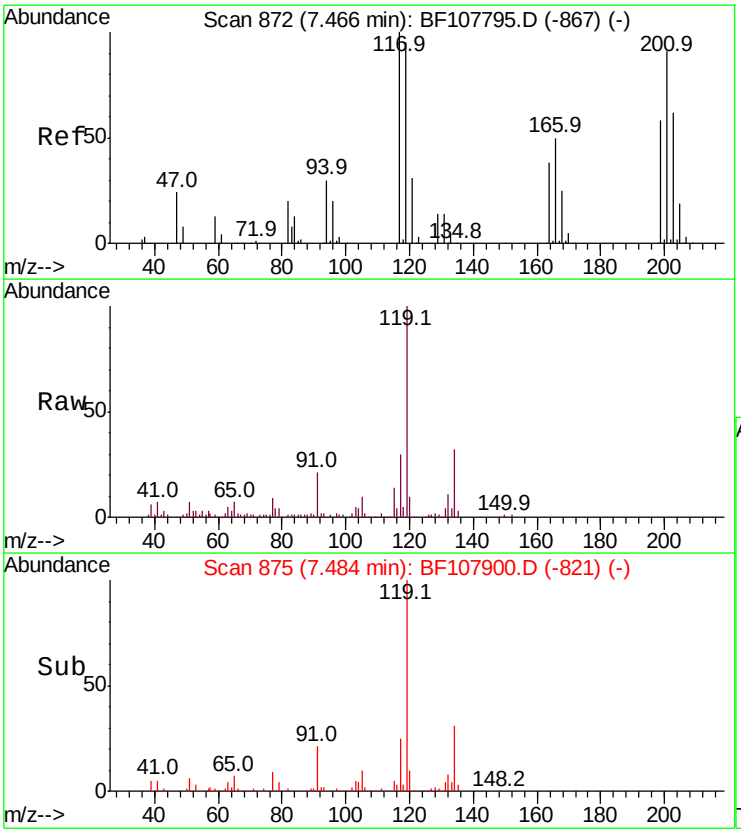
#15
Benzyl Alcohol
Concen: 2.403 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 16138

Ion	Ratio	Lower	Upper
79	100		
108	30.8	65.1	97.7#
77	103.9	50.6	75.8#

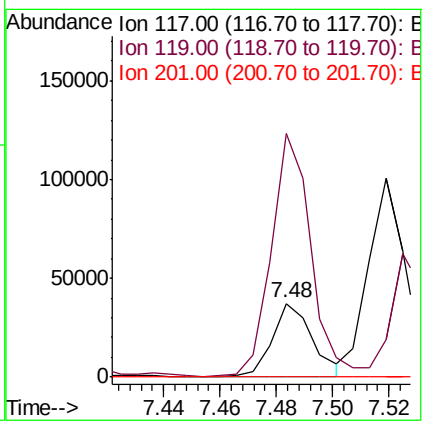


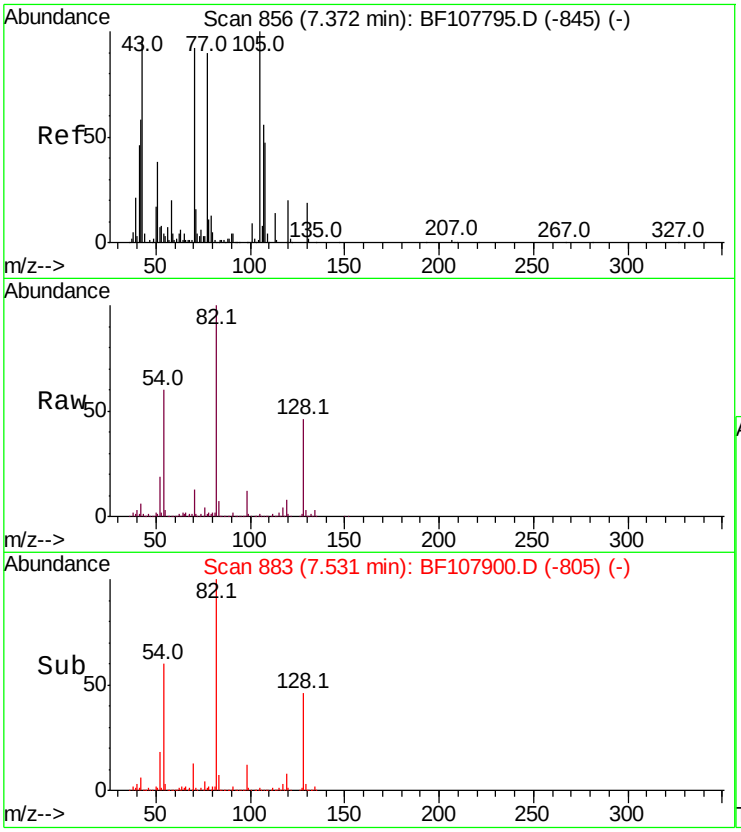


#18
Hexachloroethane
Concen: 8.300 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:117 Resp: 35868

Ion	Ratio	Lower	Upper
117	100		
119	329.9	75.8	113.8#
201	0.0	75.7	113.5#



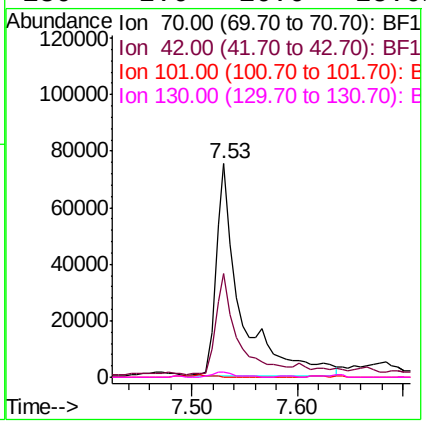


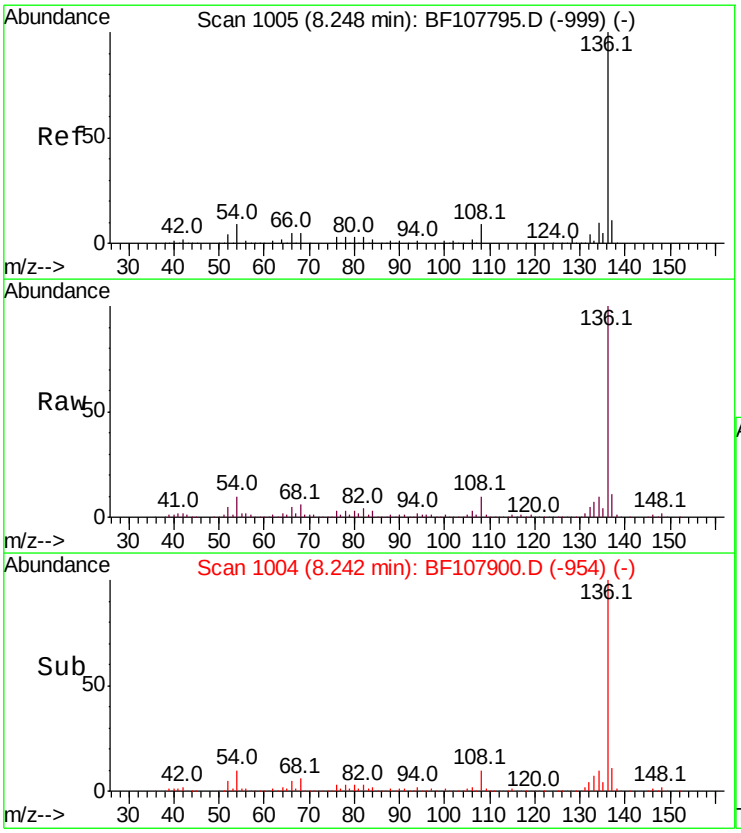
#19
n-Nitroso-di-n-propylamine
Concen: 17.690 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121243

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

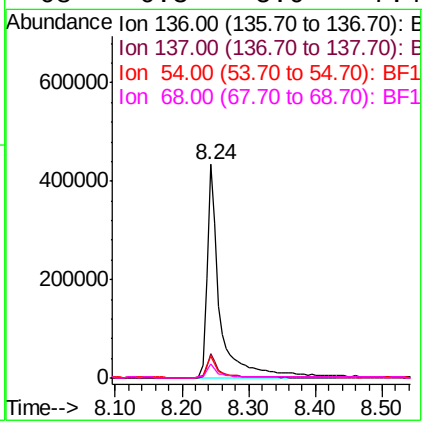


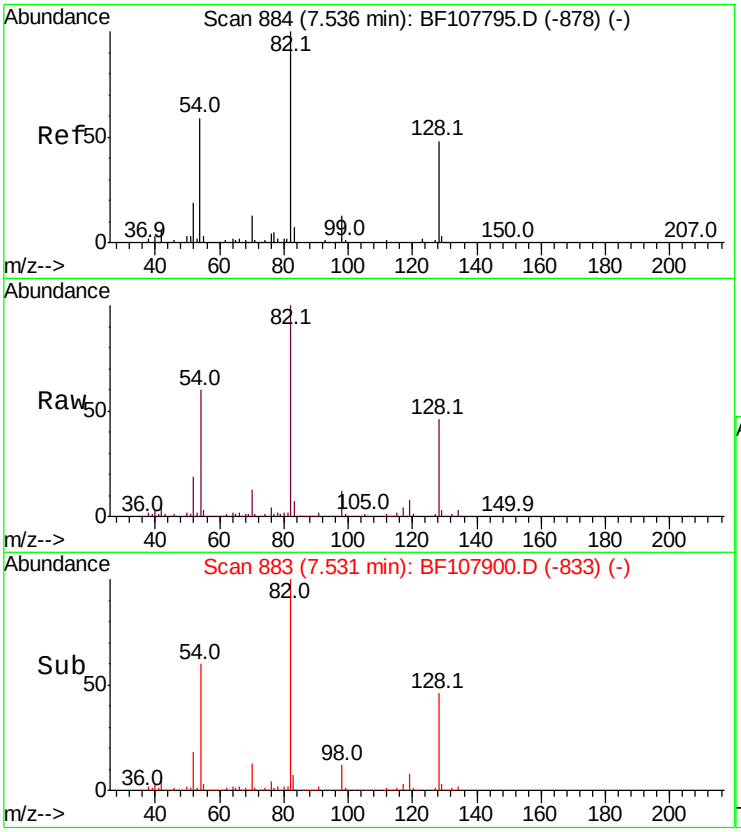


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:136 Resp: 593861

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	6.6	9.8#
68	6.3	5.0	7.4



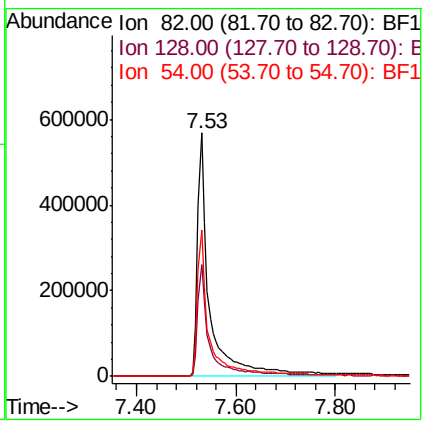


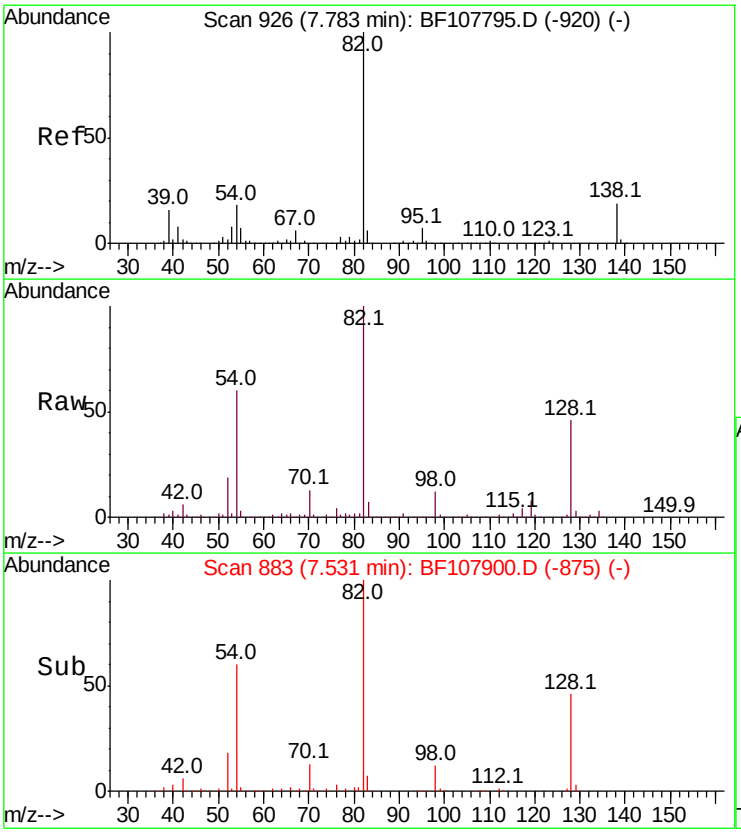
#23
Nitrobenzene-d5
Concen: 93.392 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 962703

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	60.0	41.4	62.2

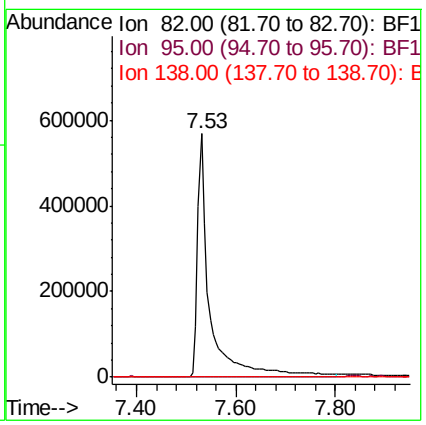


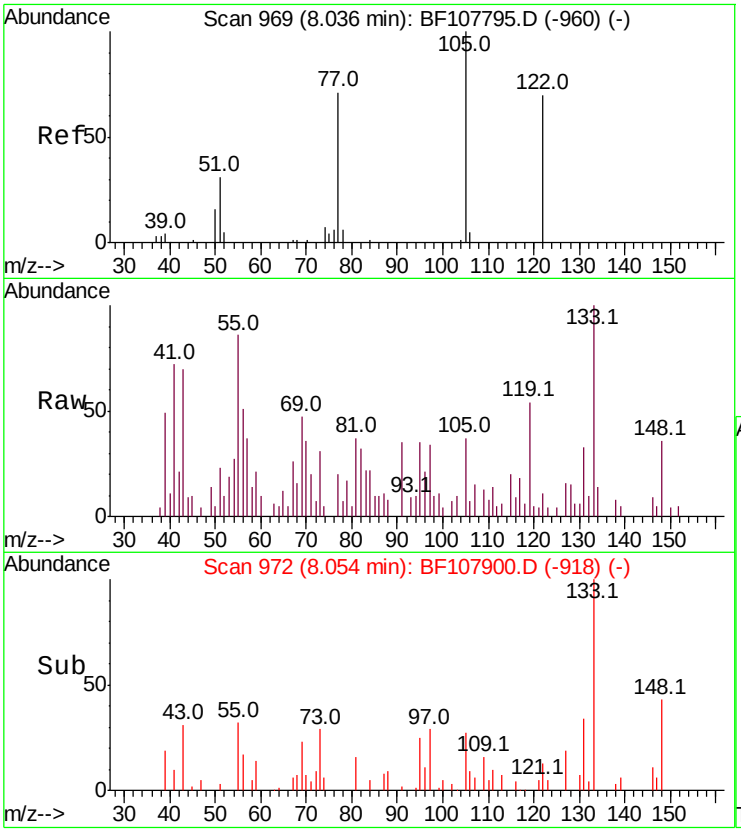


#25
Isophorone
Concen: 56.894 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion: 82 Resp: 962703

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



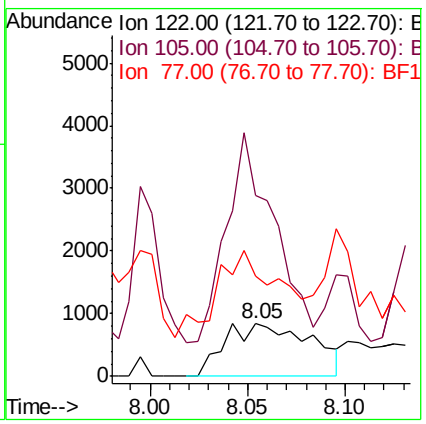


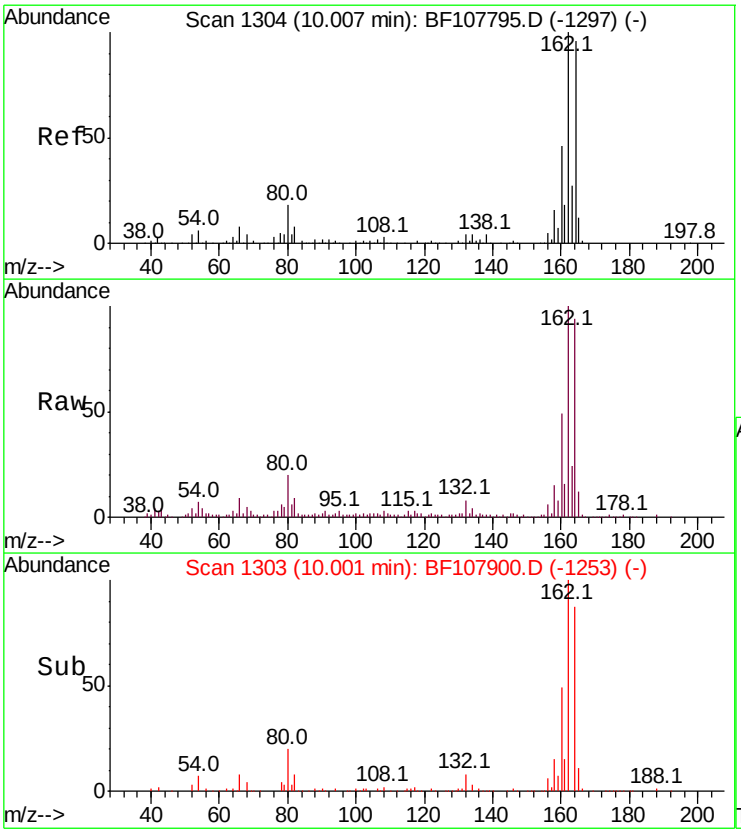
#32
Benzoic acid
Concen: 2.020 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2559

Ion	Ratio	Lower	Upper
122	100		
105	342.9	101.1	141.1#
77	189.6	70.7	110.7#

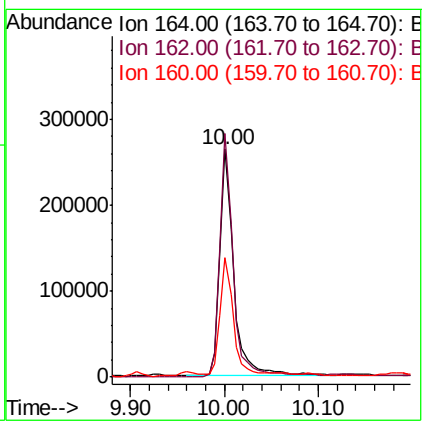


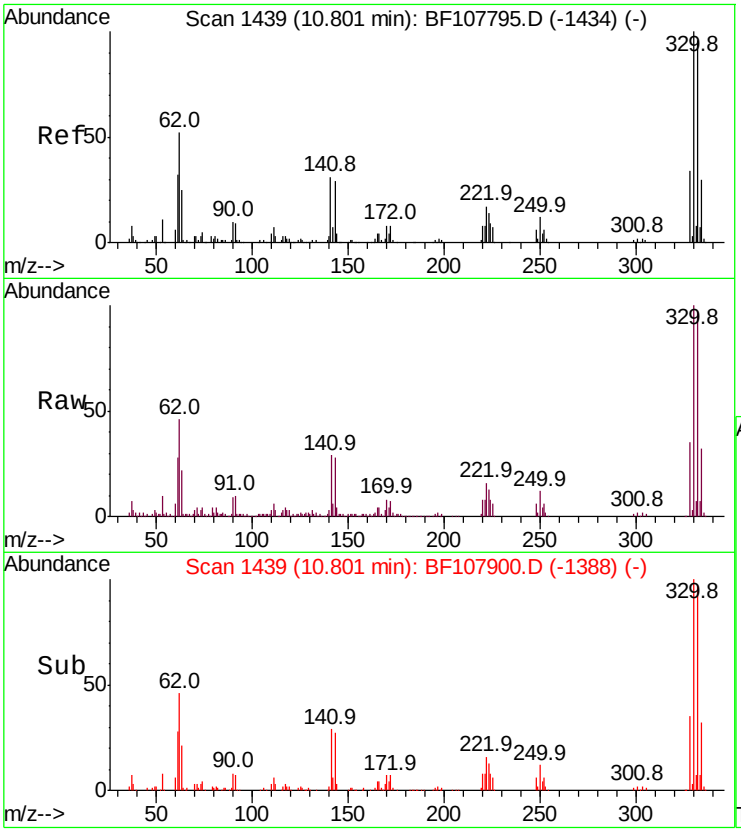


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:164 Resp: 278080

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	52.2	38.3	57.5



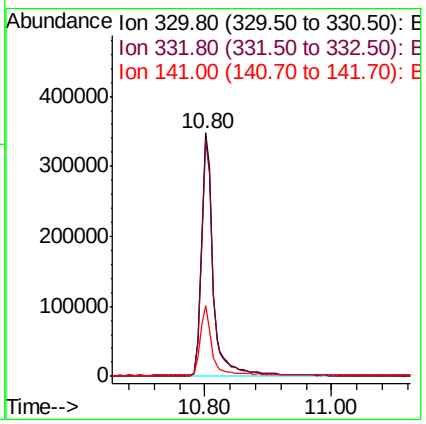


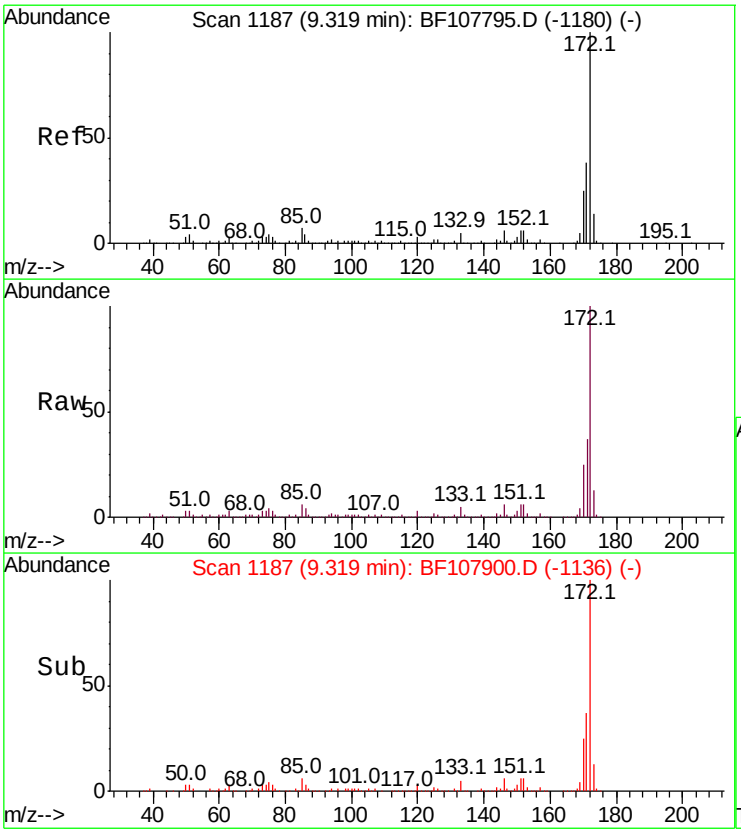
#41
2,4,6-Tribromophenol
Concen: 119.342 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 450941

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	27.5	29.9	44.9#

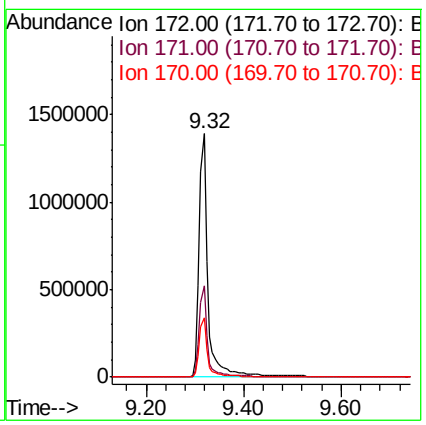


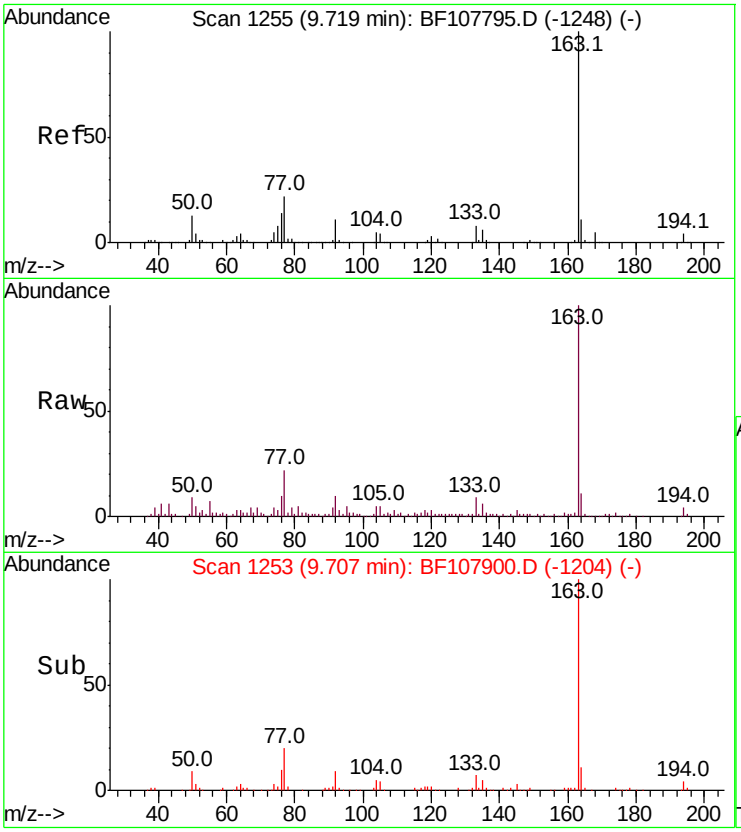


#44
2-Fluorobiphenyl
Concen: 88.524 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:172 Resp: 1766561

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.5	19.6	29.4



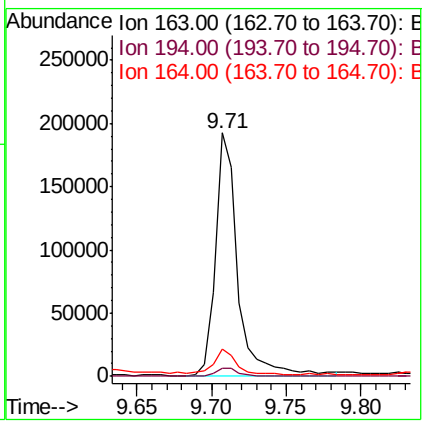


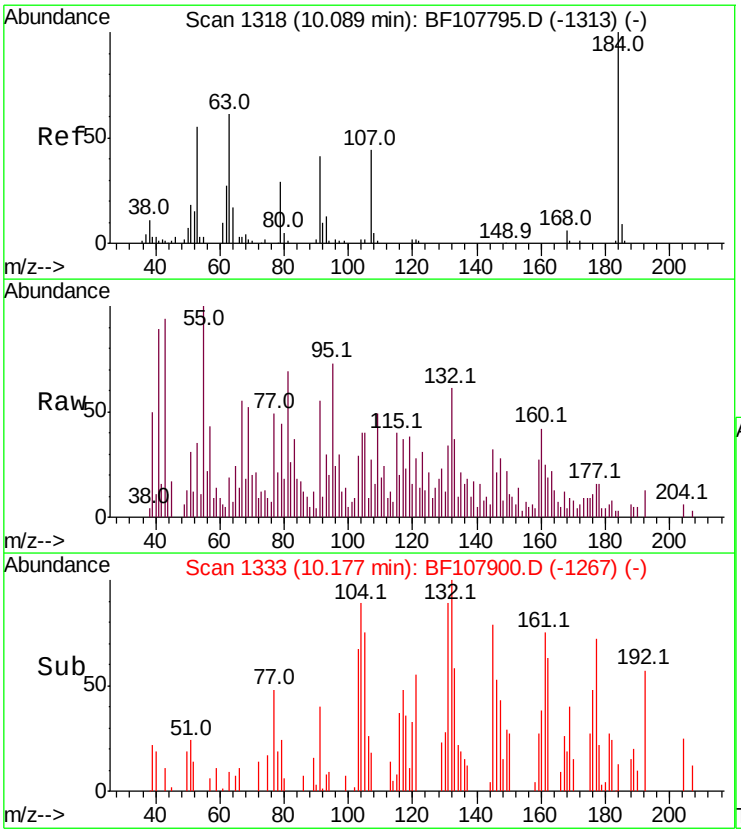
#49
Dimethylphthalate
Concen: 9.516 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 198739

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

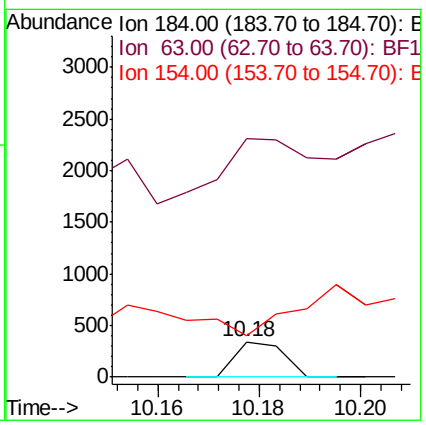


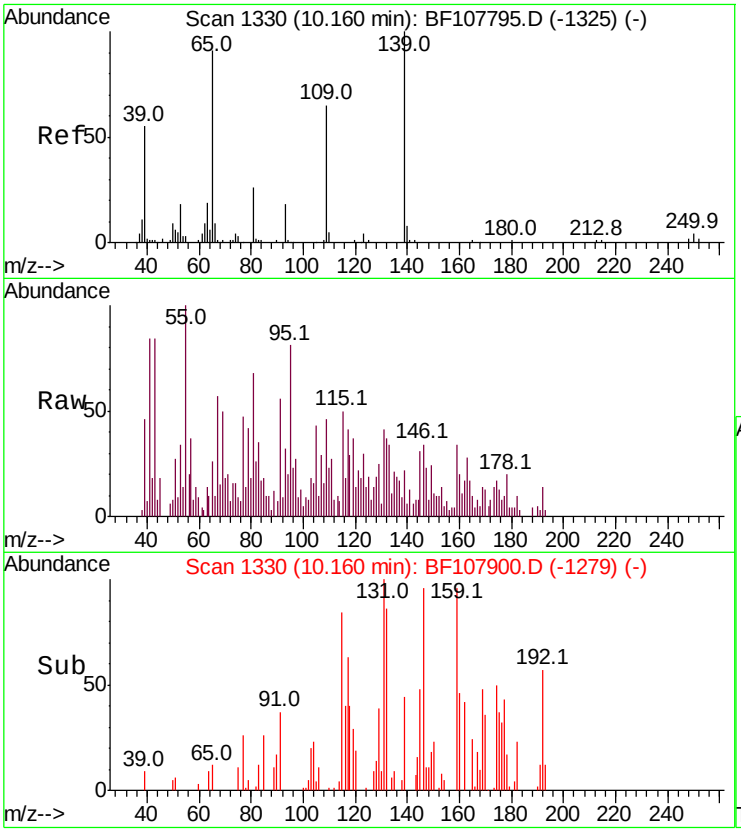


#53
2,4-Dinitrophenol
Concen: 8.526 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.09 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:184 Resp: 229

Ion	Ratio	Lower	Upper
184	100		
63	674.6	54.2	81.2#
154	116.3	184.0	276.0#



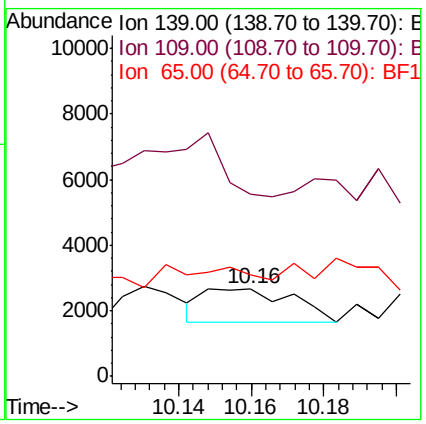


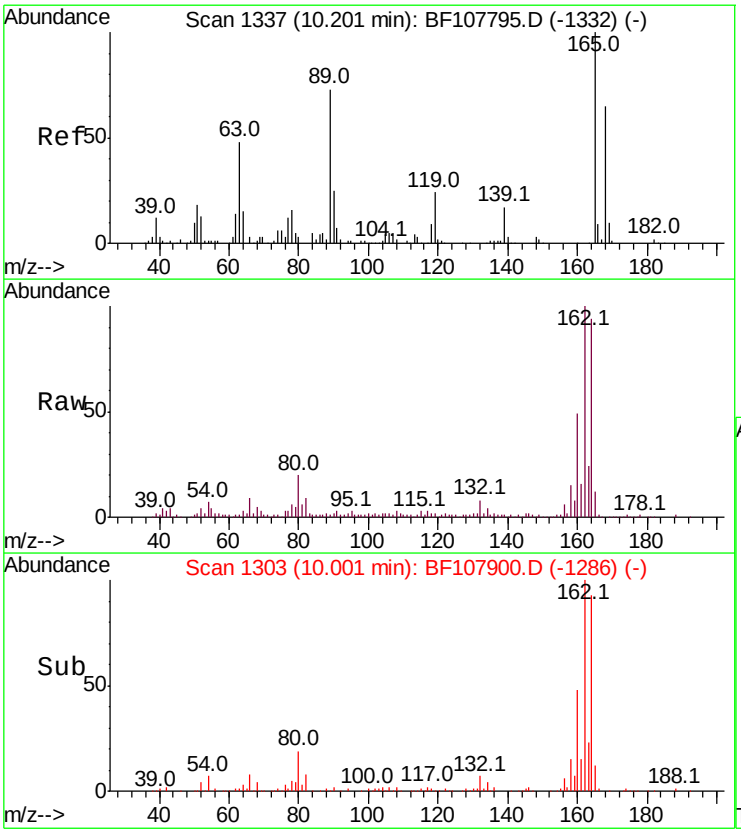
#55
4-Nitrophenol
Concen: 9.901 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1794

Ion	Ratio	Lower	Upper
139	100		
109	208.2	48.4	88.4#
65	116.5	72.6	112.6#

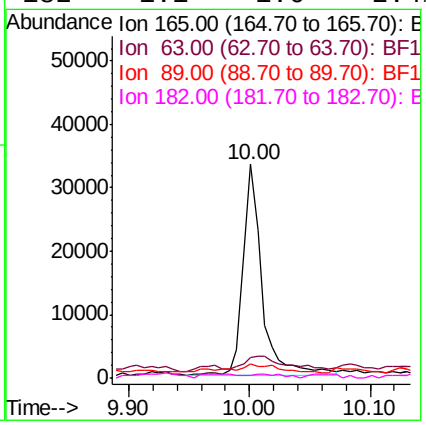


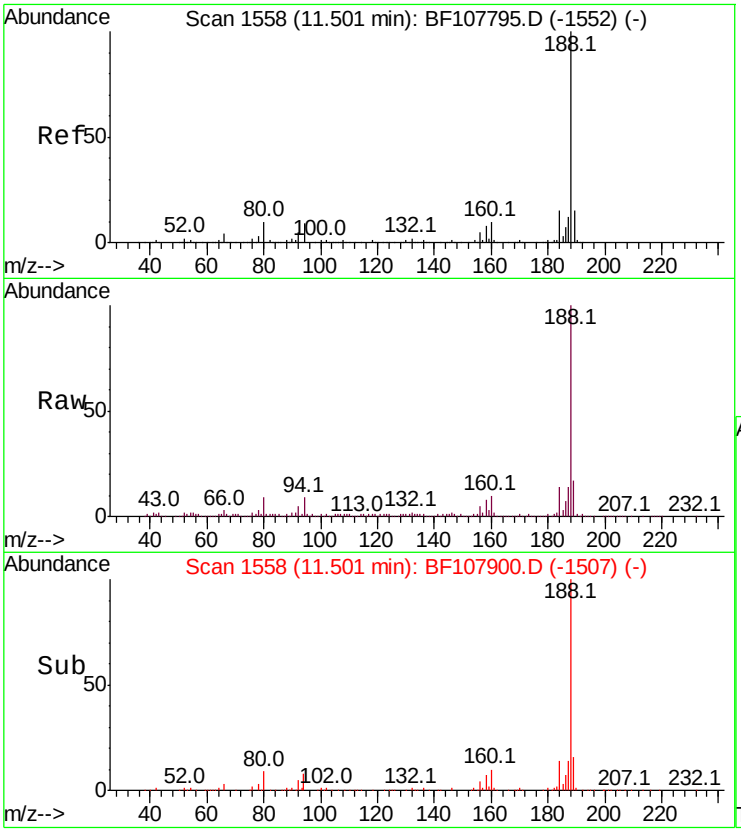


#56
2,4-Dinitrotoluene
Concen: 6.158 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:165 Resp: 36731

Ion	Ratio	Lower	Upper
165	100		
63	9.7	36.4	54.6#
89	6.7	57.8	86.6#
182	1.1	1.6	2.4#



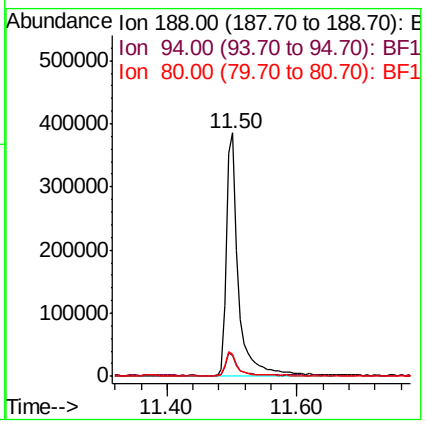


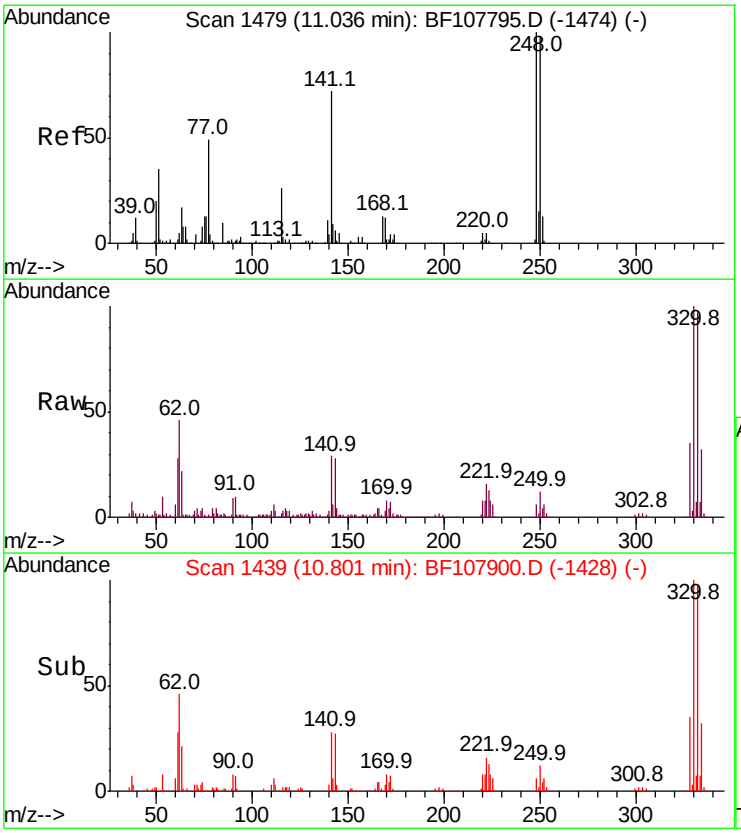
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 496346

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

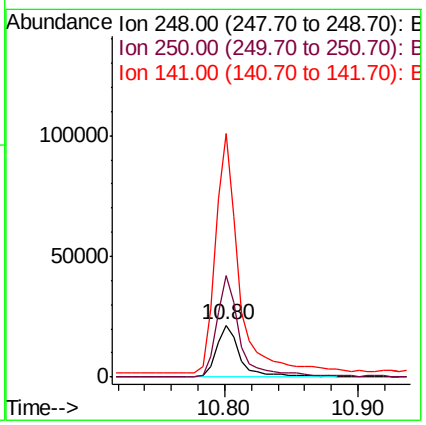


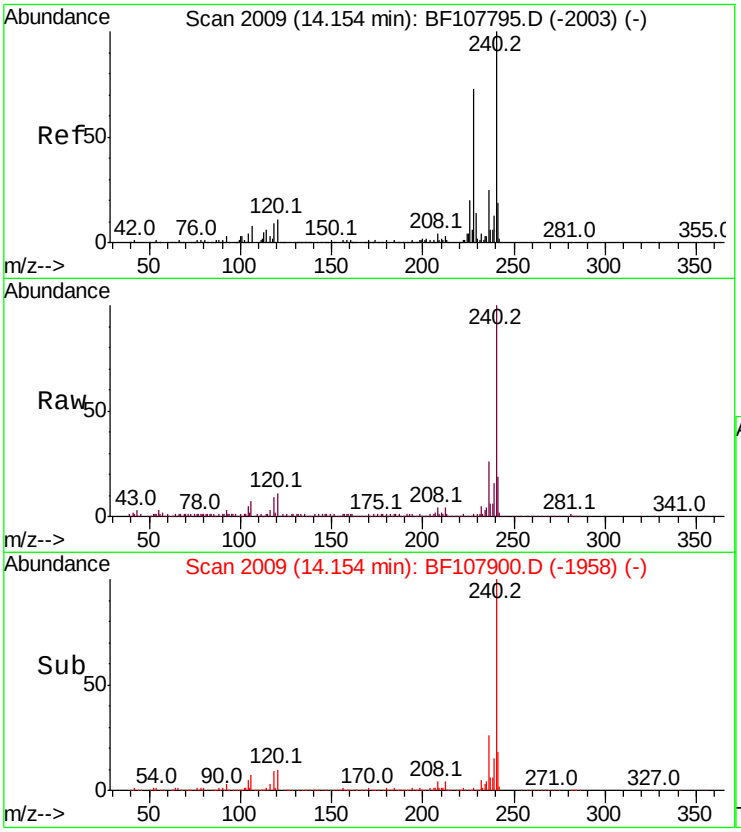


#66
4-Bromophenyl-phenylether
Concen: 4.632 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:248 Resp: 26795

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	470.1	74.4	111.6#



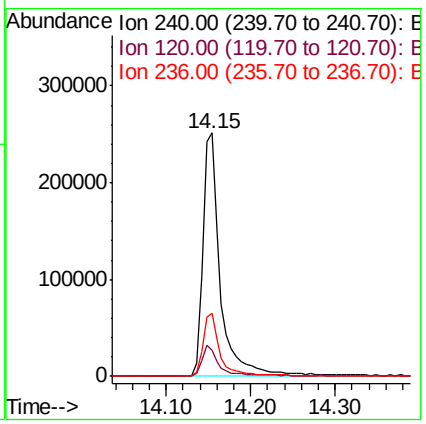


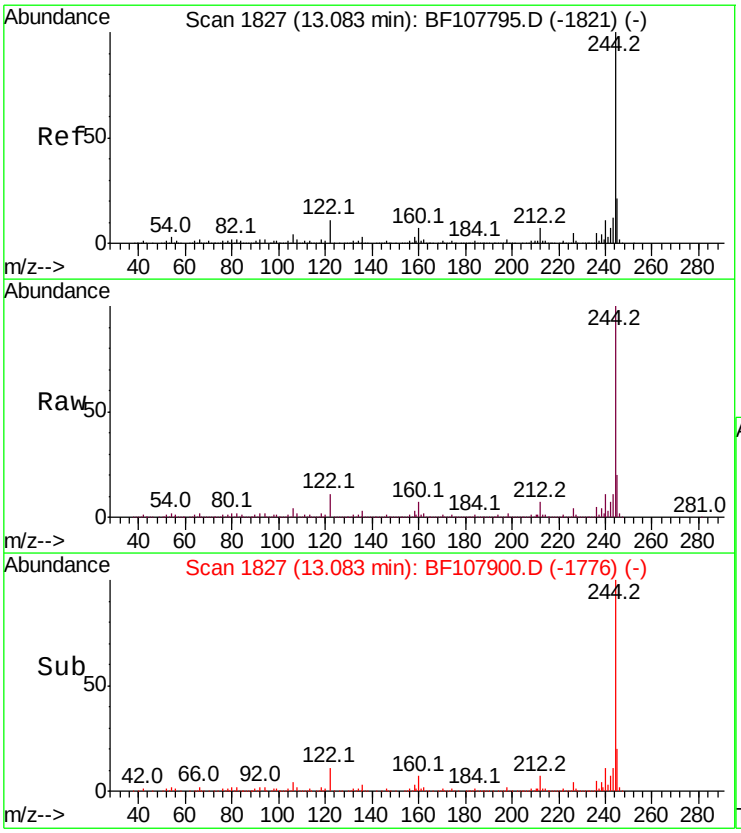
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 361739

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1

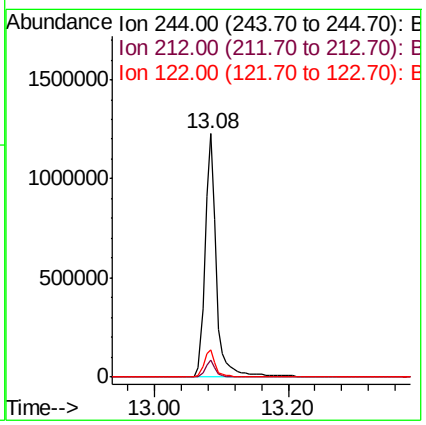


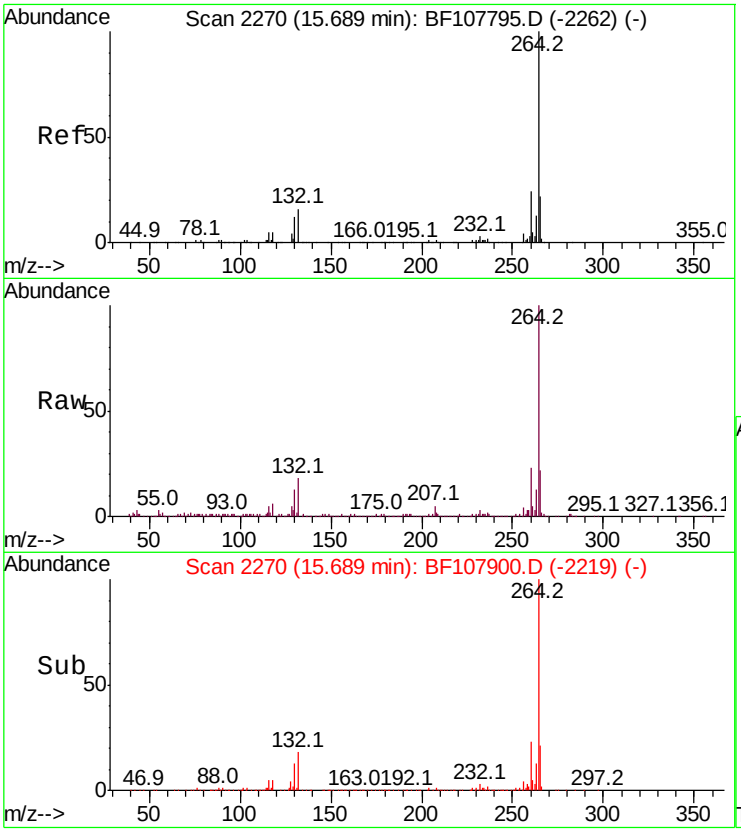


#78
Terphenyl-d14
Concen: 86.158 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Tgt Ion:244 Resp: 1437288

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107900.D
Acq: 1 Aug 2018 20:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 388482

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	17.5	26.3