Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 01:00:13 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	151179	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	651635	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	299392	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	550432	20.00	ng	0.00
75) Chrysene-d12	14.15	240	357593	20.00	ng	0.00
86) Perylene-d12	15.69	264	383286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	456812	51.35	ng	0.00
7) Phenol-d6	6.61	99	403807	34.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	915434	80.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	431282	106.01	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1717714	79.95	ng	0.00
78) Terphenyl-d14	13.08	244	1386014	84.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.81	88	203	5.836	ng	# 1
3) Pyridine	3.35	79	155	6.267	ng	# 1
9) Benzaldehyde	6.74	77	21796	3.081	ng	# 79
15) Benzyl Alcohol	7.11	79	15922	2.185	ng	# 40
18) Hexachloroethane	7.48	117	55766	11.893	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	114497	15.396	ng	# 79
22) Acetophenone	7.29	105	60774	3.877	ng	# 71
25) Isophorone	7.53	82	915434	49.304	ng	# 64
49) Dimethylphthalate	9.71	163	237705	10.572	ng	99
53) 2,4-Dinitrophenol	10.15	184	268	8.533	ng	# 1
55) 4-Nitrophenol	10.14	139	3983	10.527	ng	# 62
56) 2,4-Dinitrotoluene	10.00	165	41024	6.388	ng	# 28
66) 4-Bromophenyl-phenylether	10.80	248	25062	3.906	ng	# 1

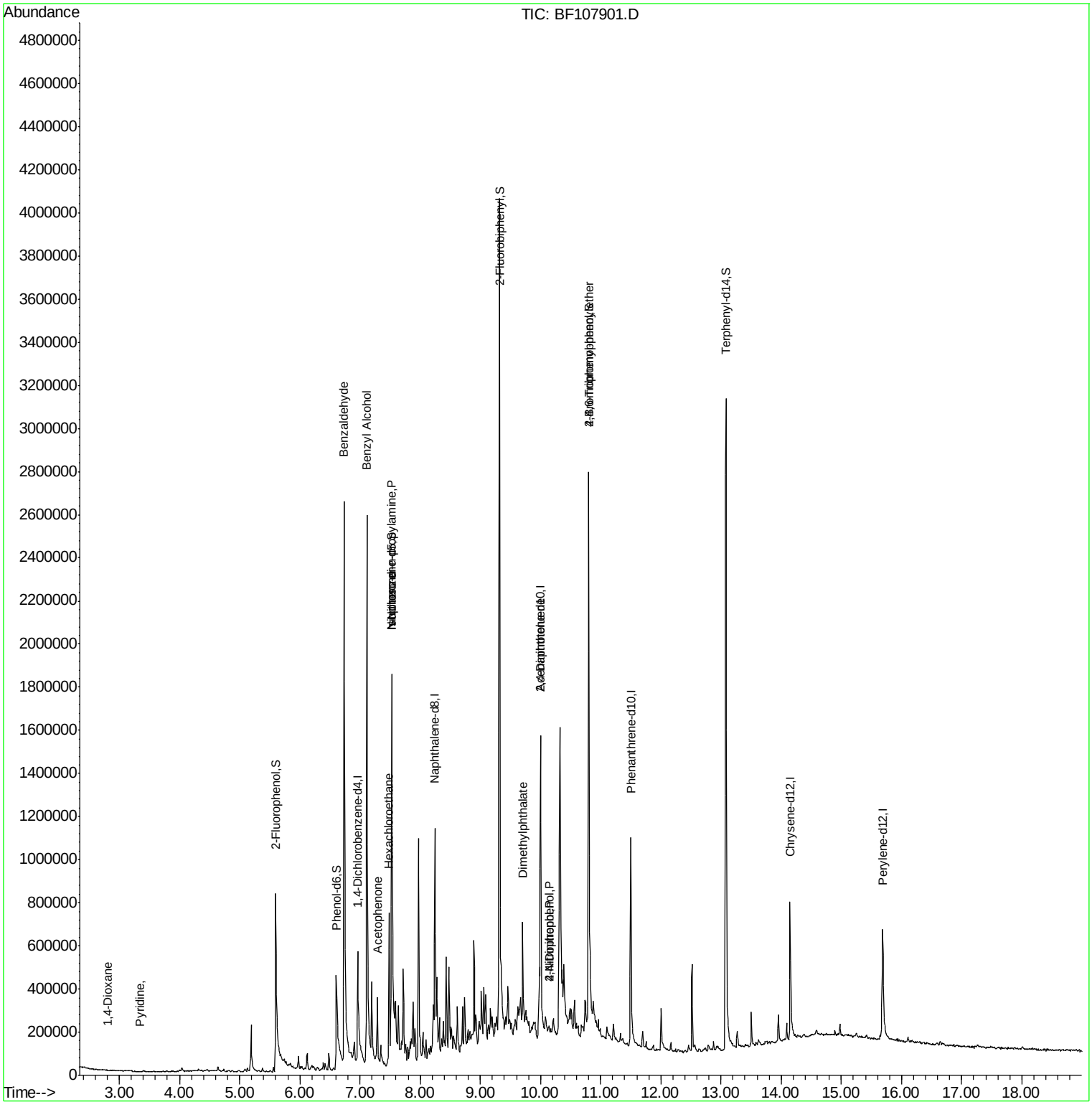
(#) = qualifier out of range (m) = manual integration (+) = signals summed

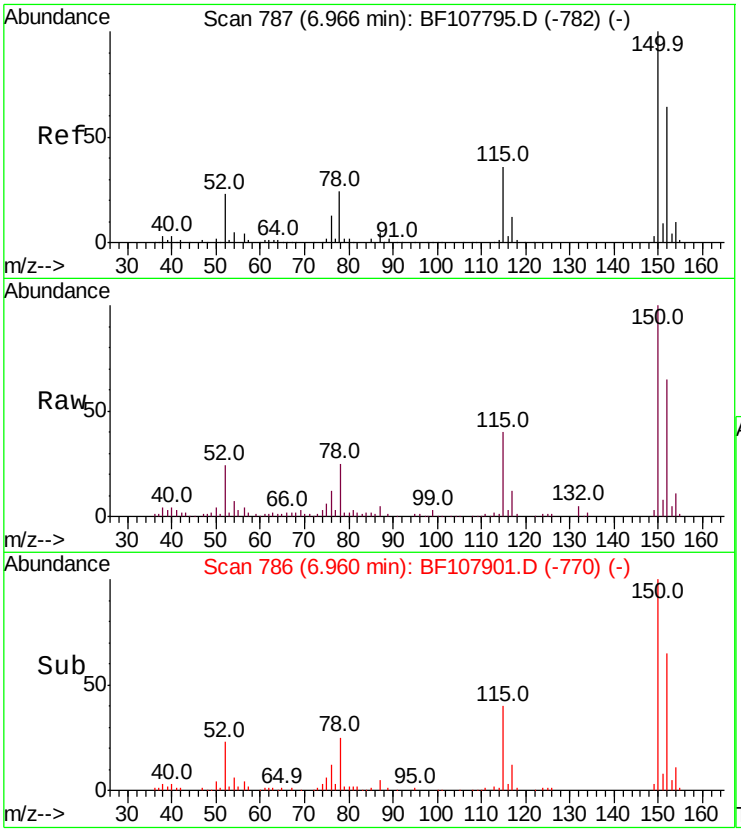
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 01:00:13 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



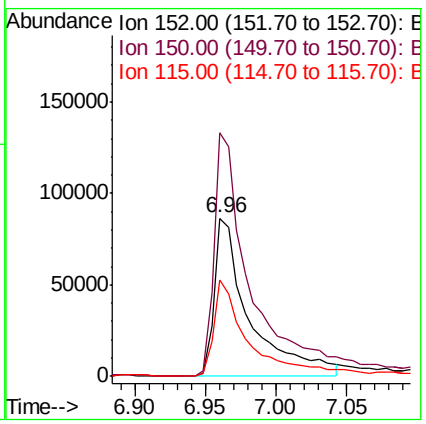


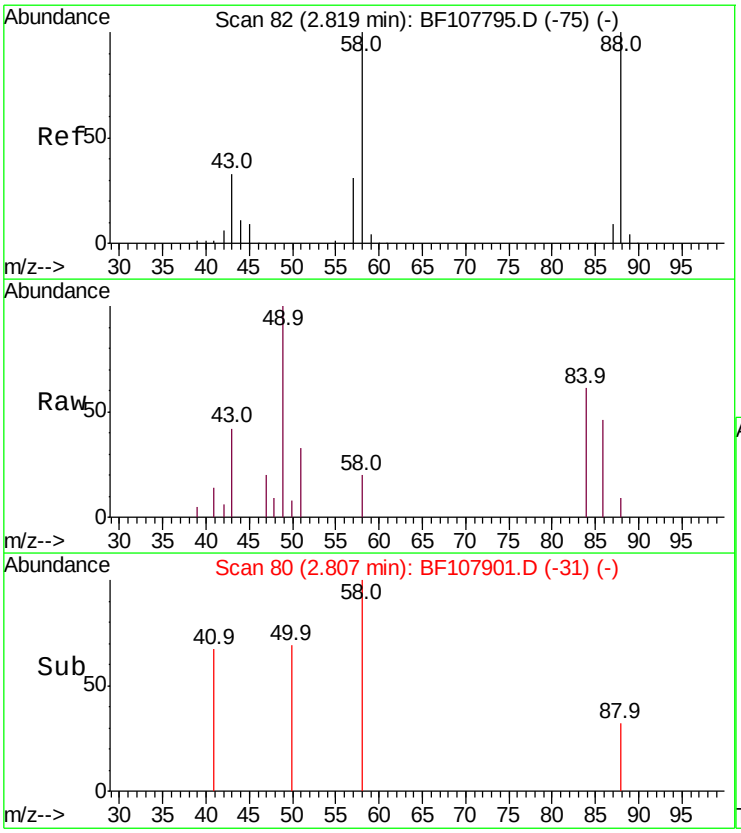
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151179

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.9	50.1	75.1

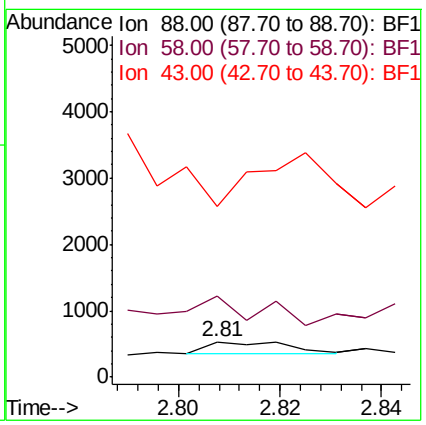


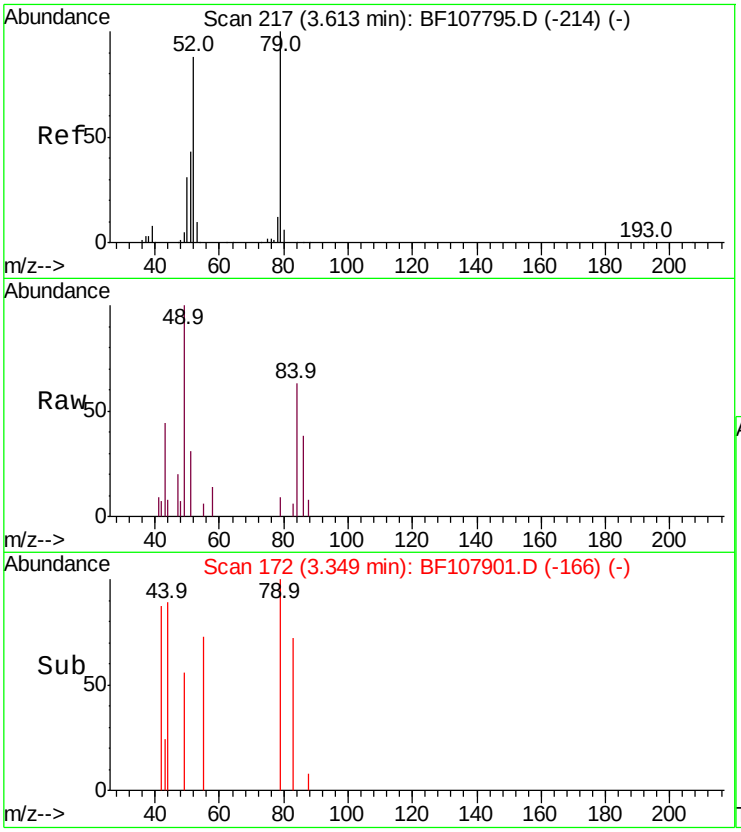


#2
1,4-Dioxane
Concen: 5.836 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion: 88 Resp: 203

Ion	Ratio	Lower	Upper
88	100		
58	192.6	62.6	93.8#
43	394.6	24.6	37.0#



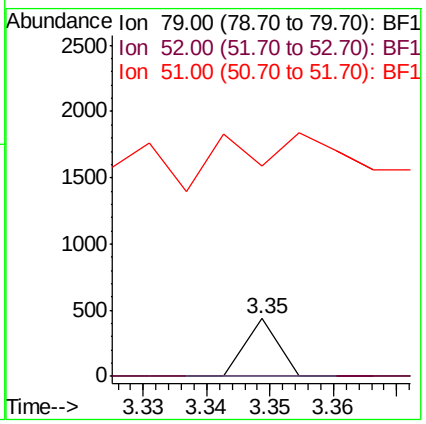


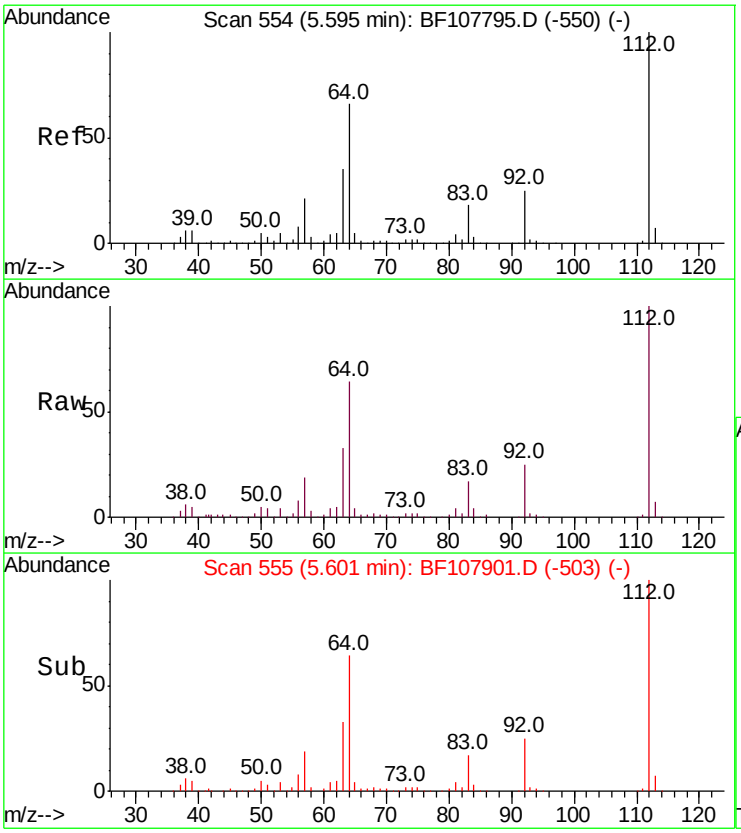
#3
Pyridine
Concen: 6.267 ng
RT: 3.35 min Scan# 172
Delta R.T. -0.26 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 155

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	363.2	29.8	44.8#

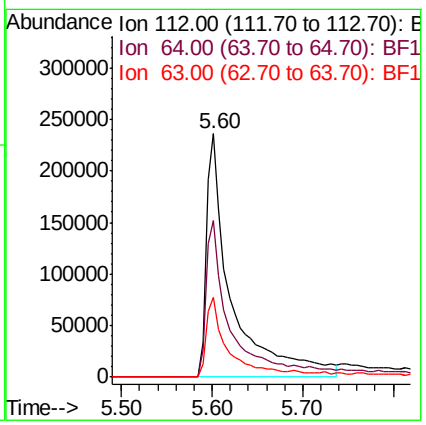


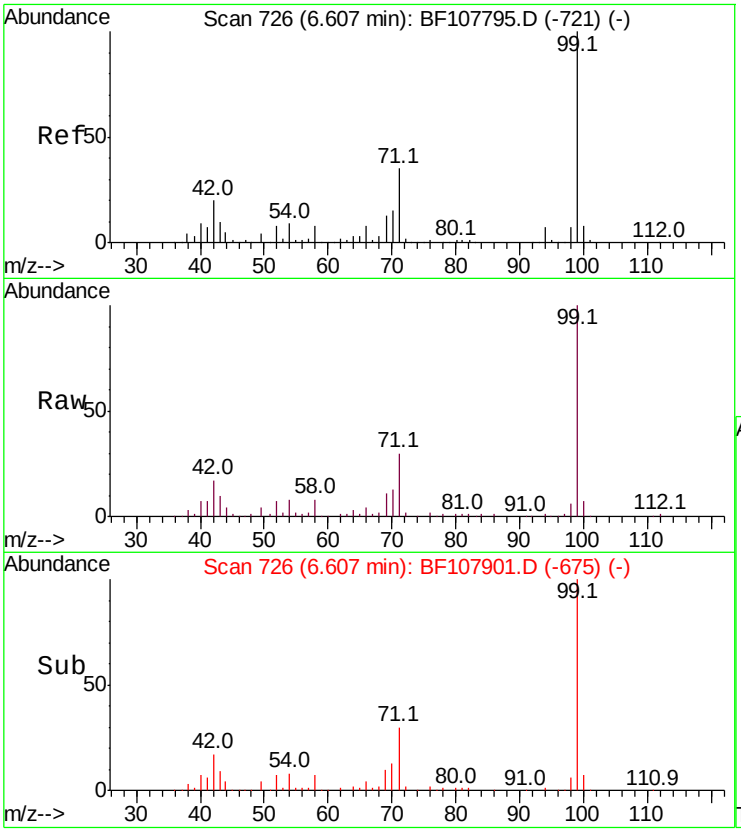


#5
2-Fluorophenol
Concen: 51.355 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:112 Resp: 456812

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.9	23.7	35.5



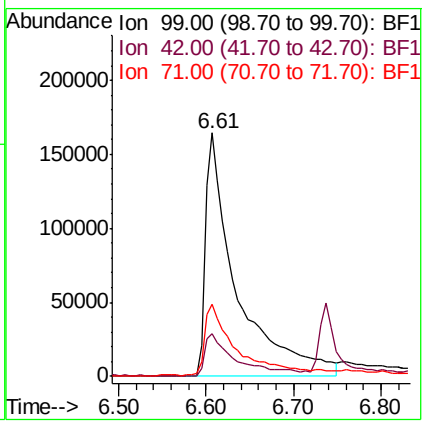


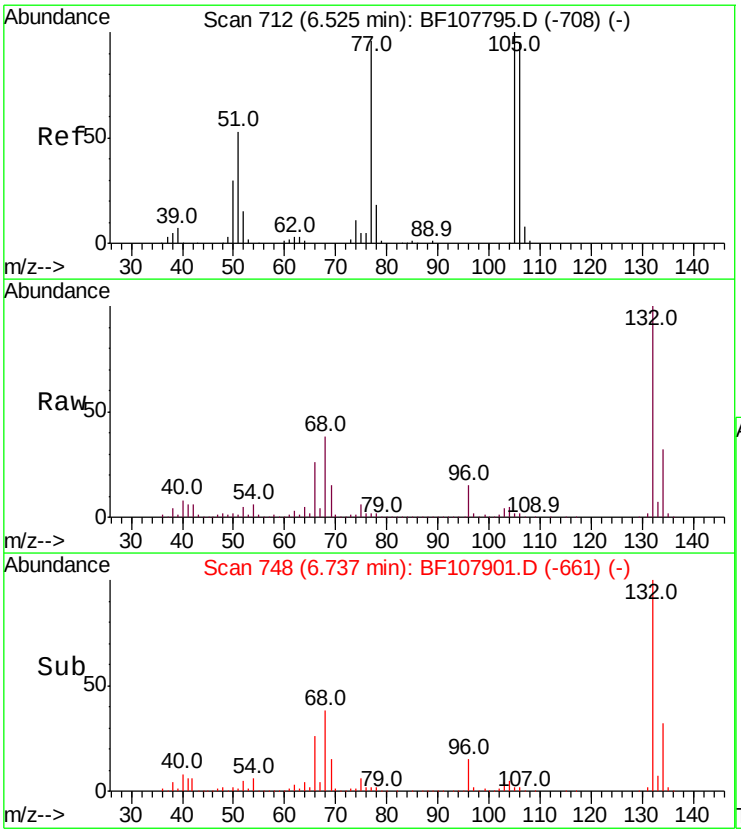
#7
Phenol-d6
Concen: 34.444 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 403807

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	29.7	25.4	38.0

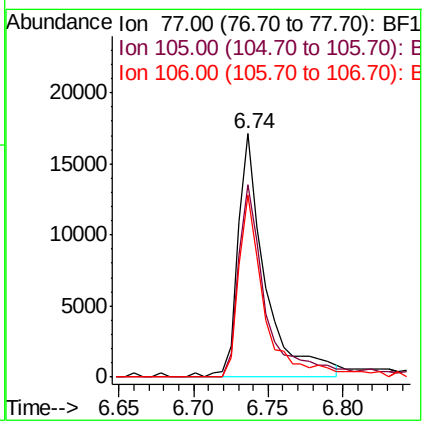


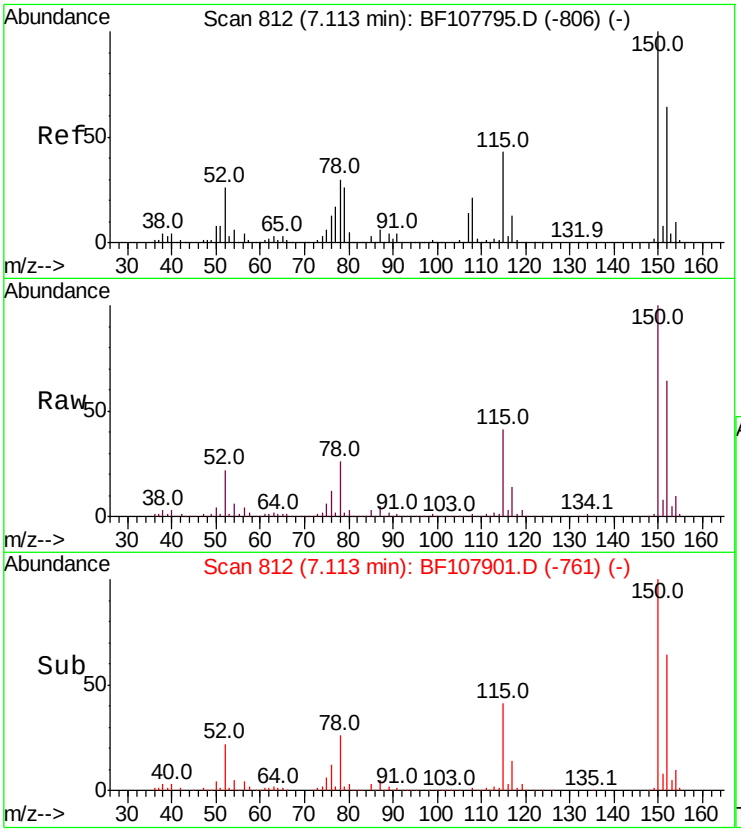


#9
Benzaldehyde
Concen: 3.081 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion: 77 Resp: 21796

Ion	Ratio	Lower	Upper
77	100		
105	79.2	81.1	121.1#
106	74.8	74.5	114.5



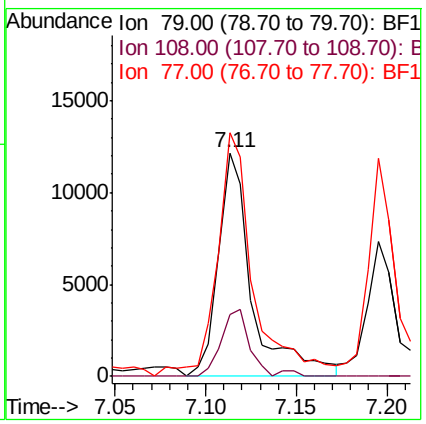


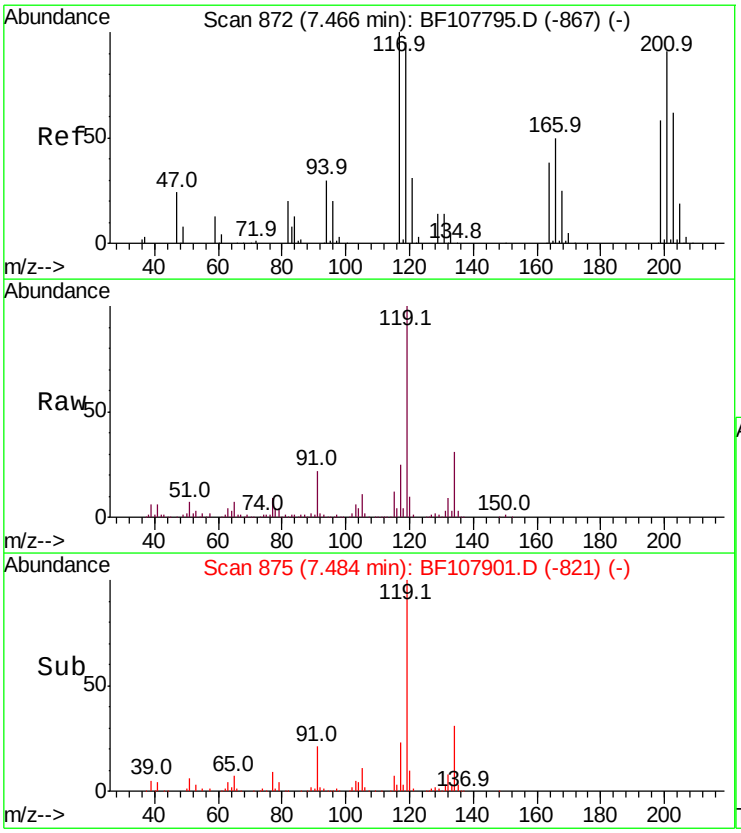
#15
Benzyl Alcohol
Concen: 2.185 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 15922

Ion	Ratio	Lower	Upper
79	100		
108	27.6	65.1	97.7#
77	109.1	50.6	75.8#

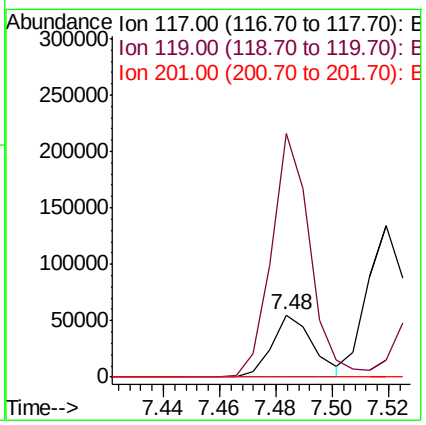


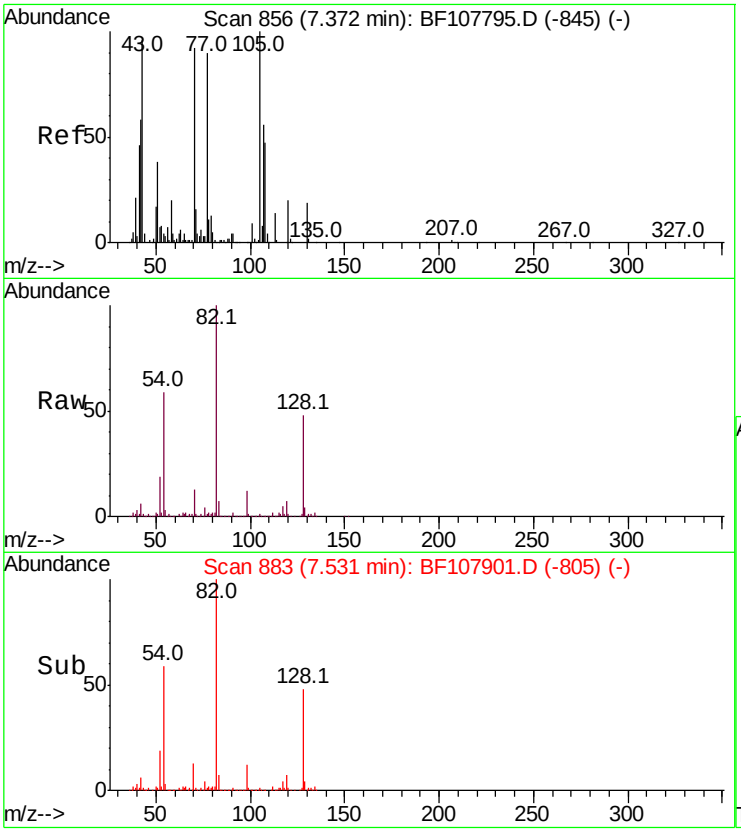


#18
Hexachloroethane
Concen: 11.893 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:117 Resp: 55766

Ion	Ratio	Lower	Upper
117	100		
119	393.7	75.8	113.8#
201	0.0	75.7	113.5#



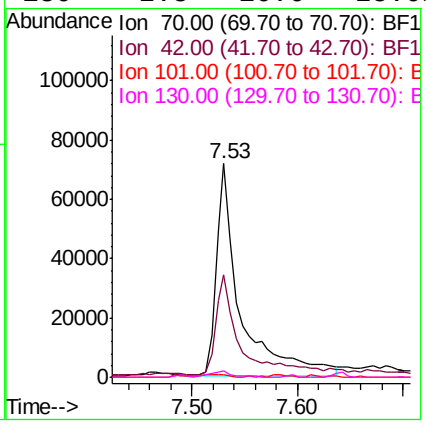


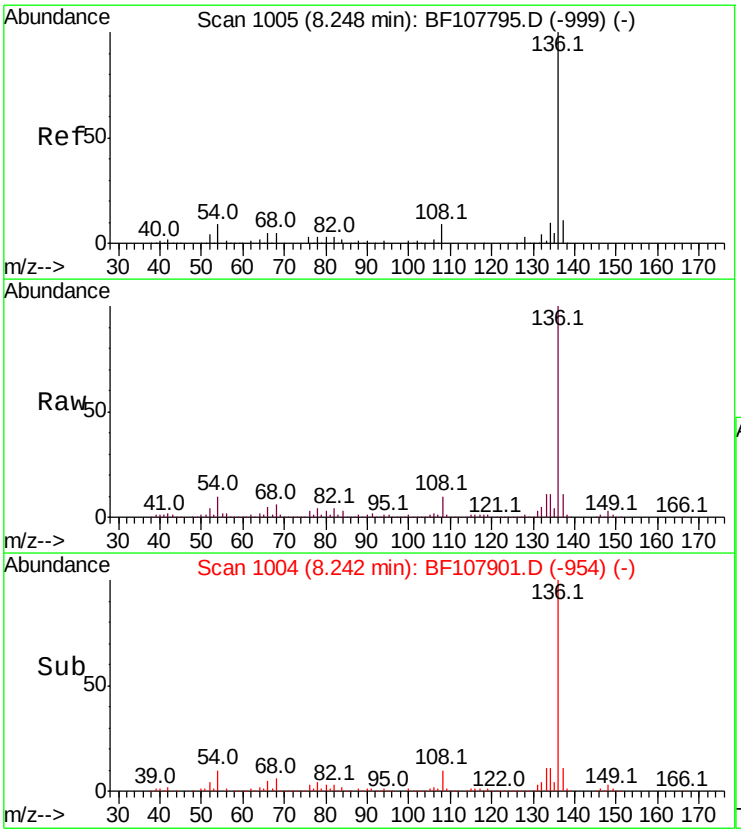
#19
n-Nitroso-di-n-propylamine
Concen: 15.396 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 114497

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	1.0	7.4	11.2#
130	2.8	16.6	25.0#

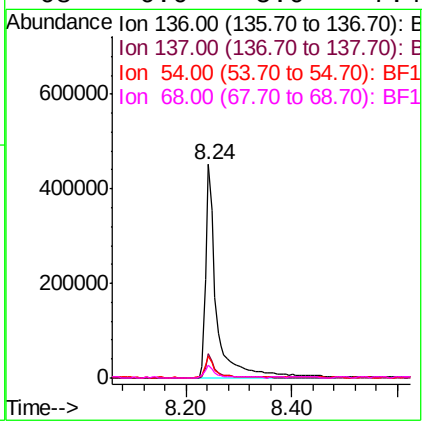


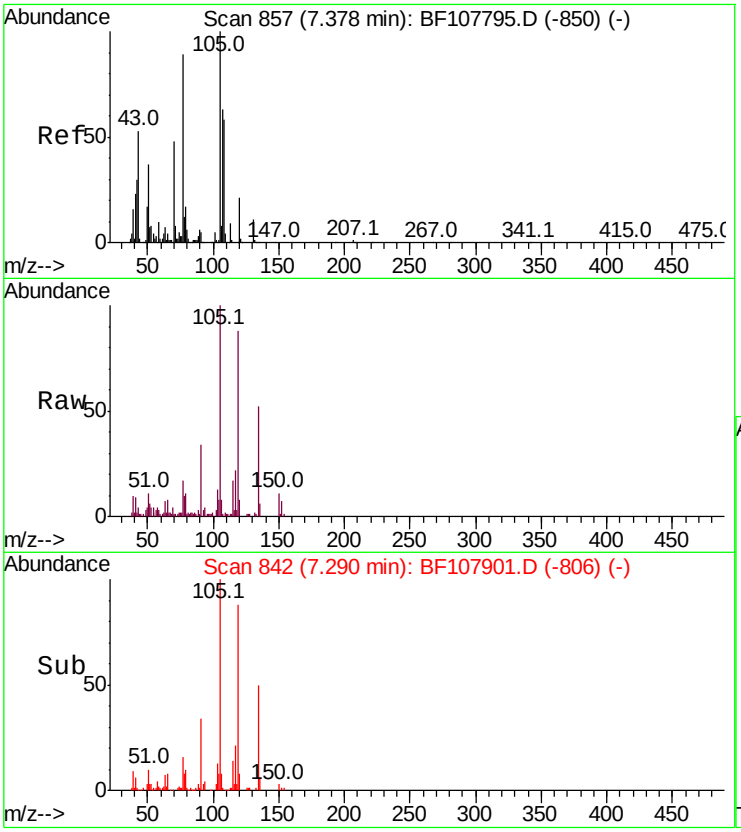


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:136 Resp: 651635

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.2	6.6	9.8#
68	6.0	5.0	7.4



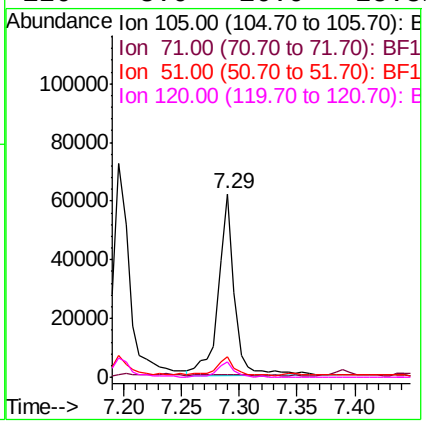


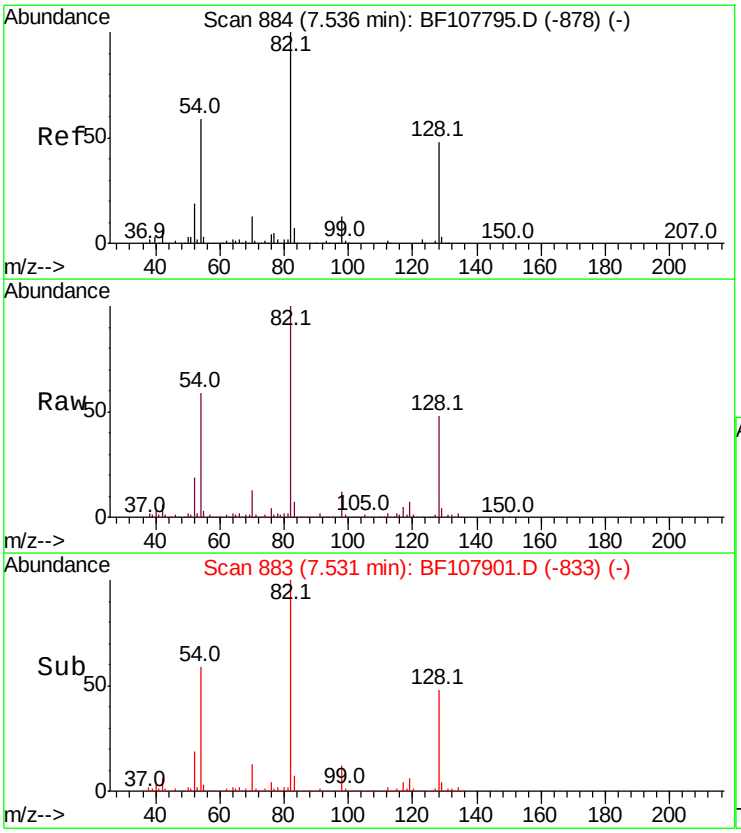
#22
Acetophenone
Concen: 3.877 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.09 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 60774

Ion	Ratio	Lower	Upper
105	100		
71	1.3	4.4	6.6#
51	10.8	22.3	33.5#
120	8.0	16.9	25.3#

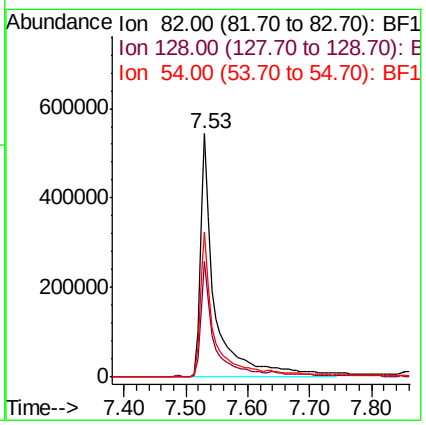


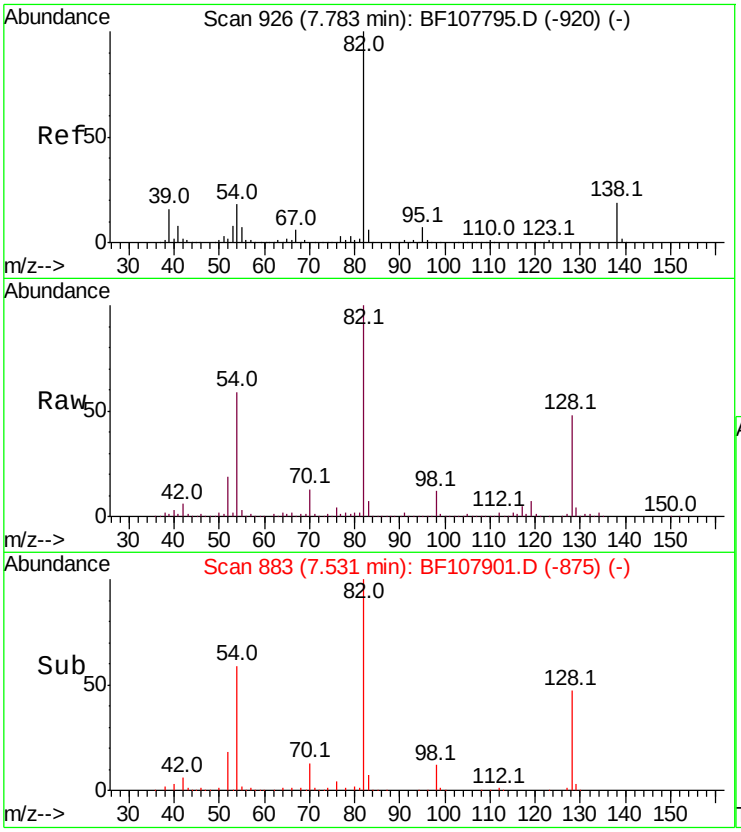


#23
Nitrobenzene-d5
Concen: 80.933 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion: 82 Resp: 915434

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	59.5	41.4	62.2



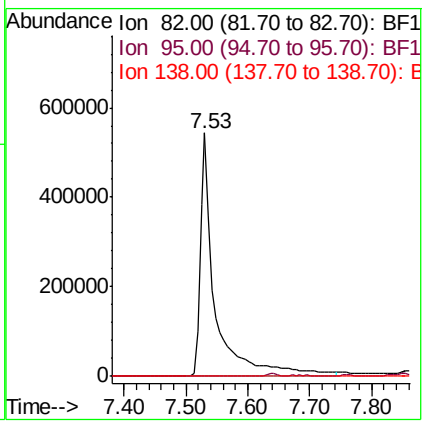


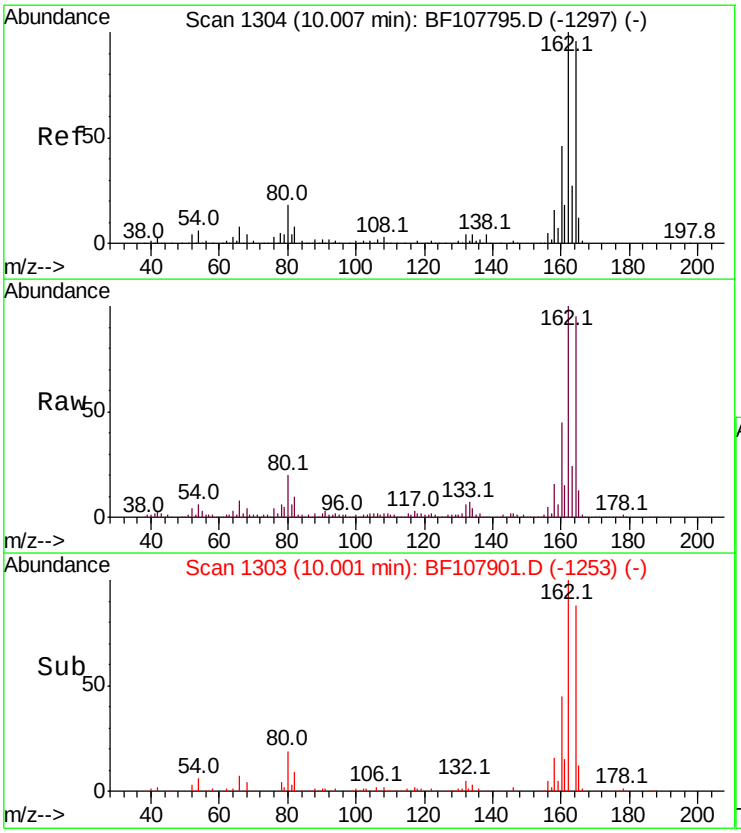
#25
Isophorone
Concen: 49.304 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 915434

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

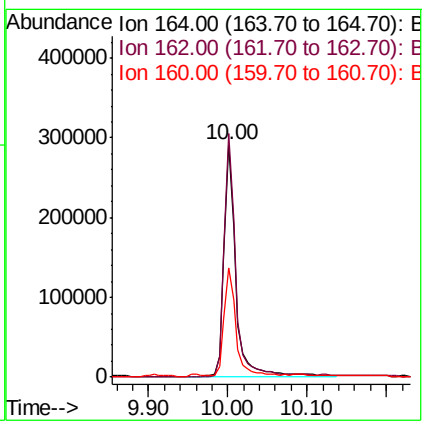


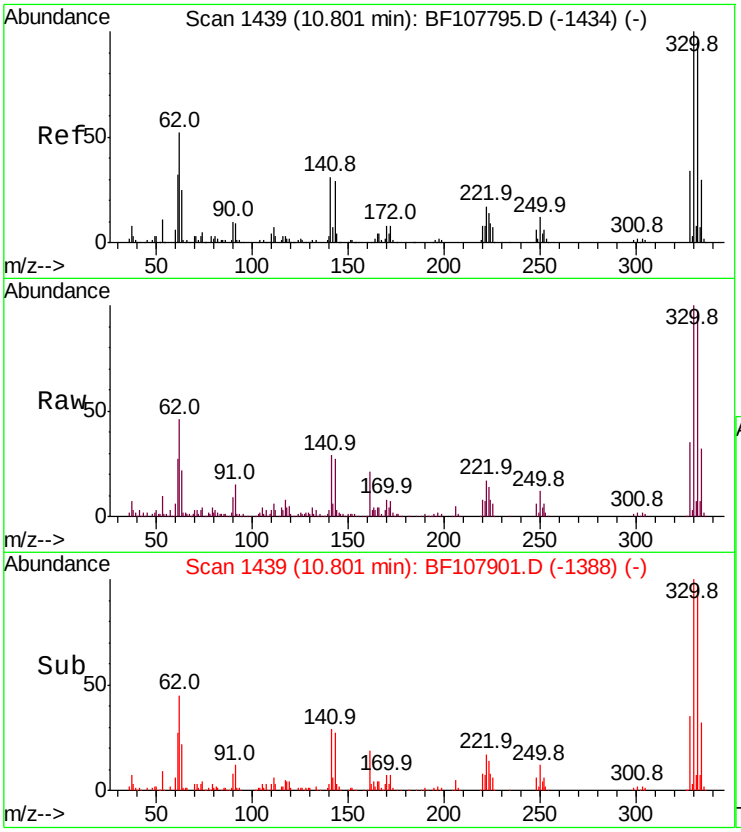


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:164 Resp: 299392

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.2	38.3	57.5



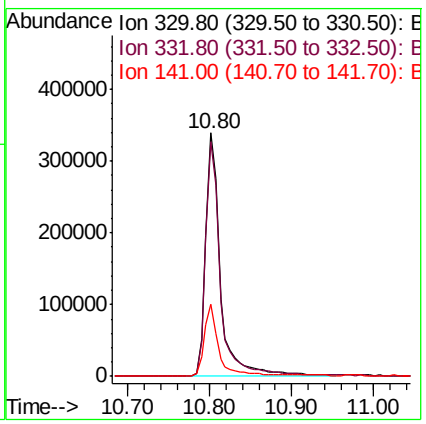


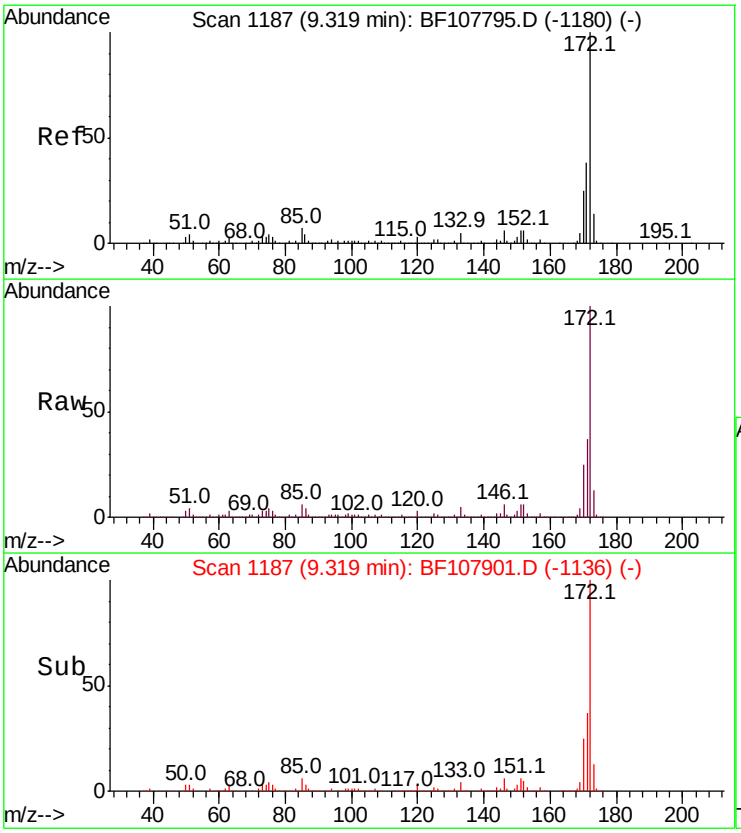
#41
2,4,6-Tribromophenol
Concen: 106.015 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 431282

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.0	29.9	44.9#

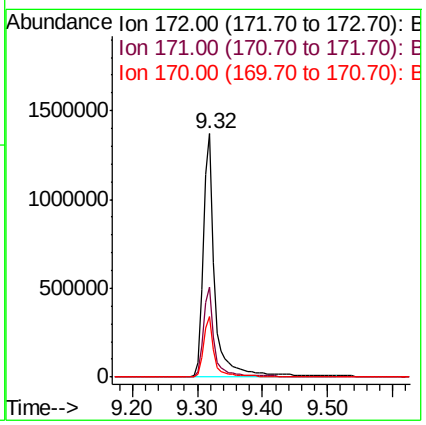


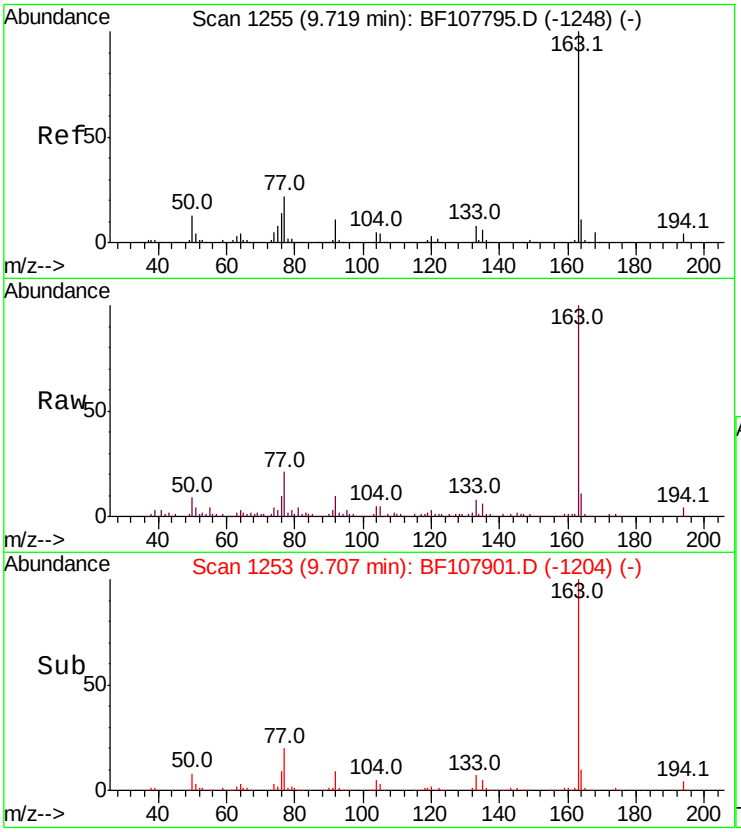


#44
2-Fluorobiphenyl
Concen: 79.949 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:172 Resp: 1717714

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.1	19.6	29.4



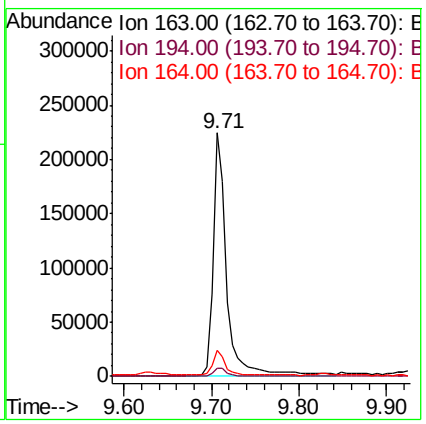


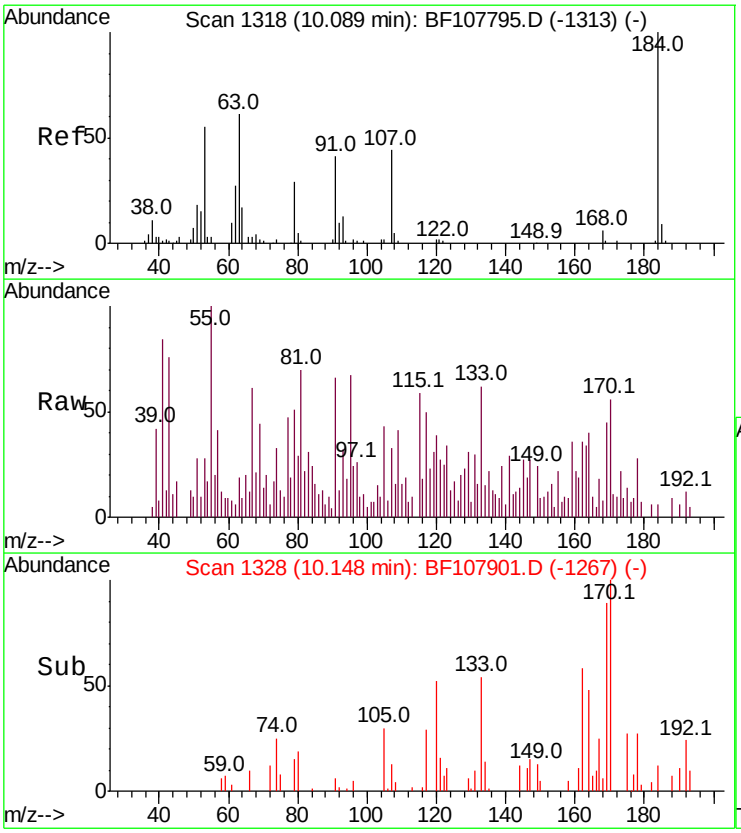
#49
Dimethylphthalate
Concen: 10.572 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 237705

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2

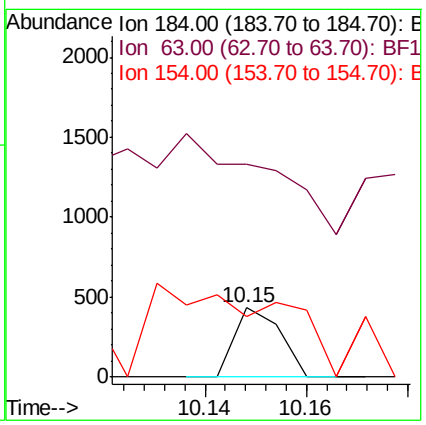


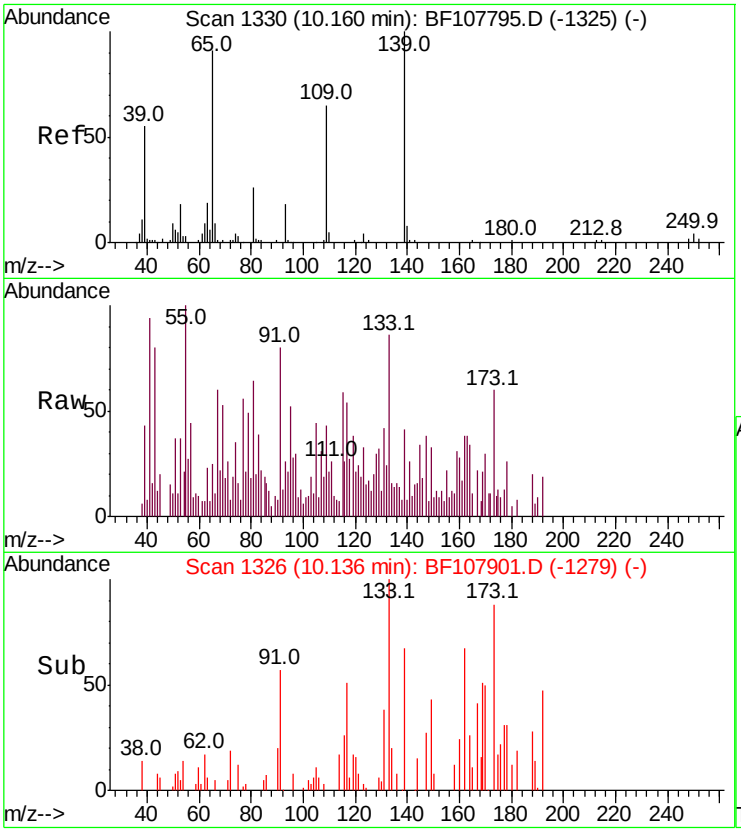


#53
2,4-Dinitrophenol
Concen: 8.533 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.06 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:184 Resp: 268

Ion	Ratio	Lower	Upper
184	100		
63	308.4	54.2	81.2#
154	87.5	184.0	276.0#



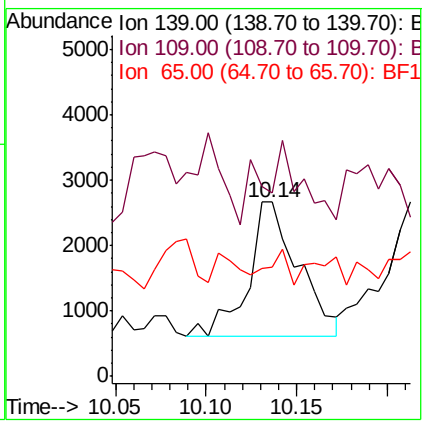


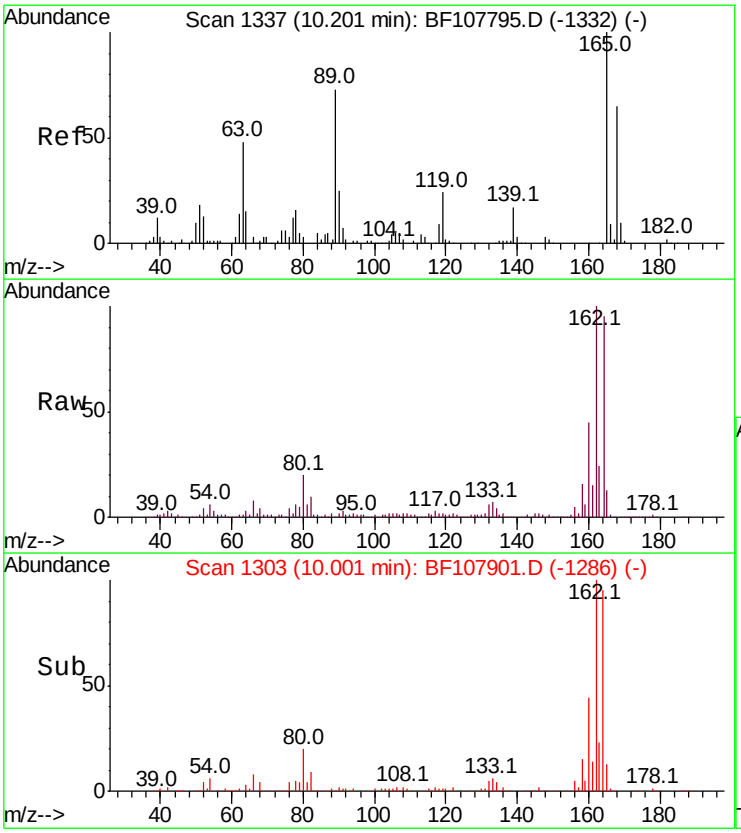
#55
4-Nitrophenol
Concen: 10.527 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3983

Ion	Ratio	Lower	Upper
139	100		
109	105.4	48.4	88.4#
65	62.5	72.6	112.6#

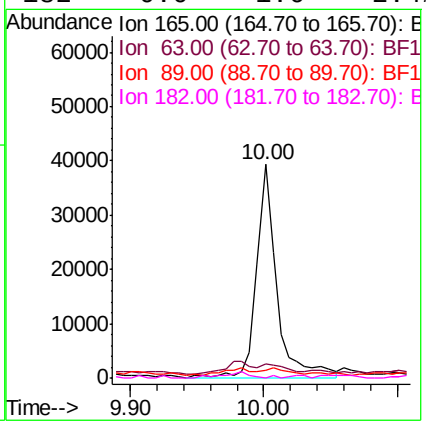


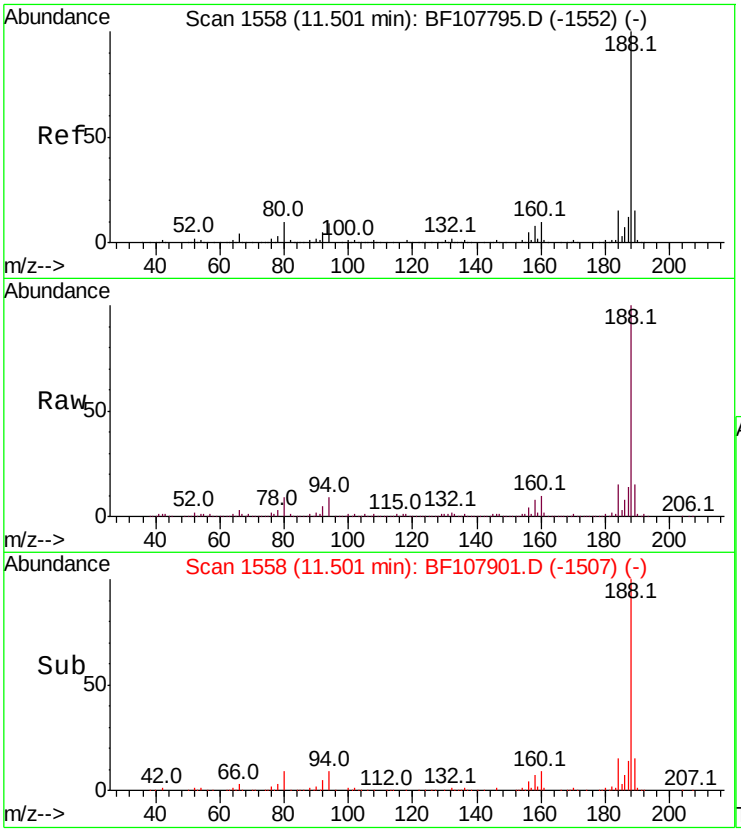


#56
2,4-Dinitrotoluene
Concen: 6.388 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:165 Resp: 41024

Ion	Ratio	Lower	Upper
165	100		
63	6.5	36.4	54.6#
89	3.8	57.8	86.6#
182	0.0	1.6	2.4#



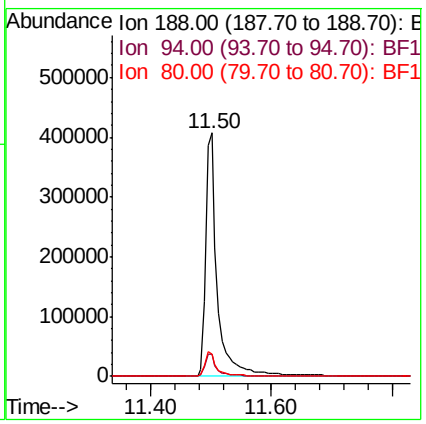


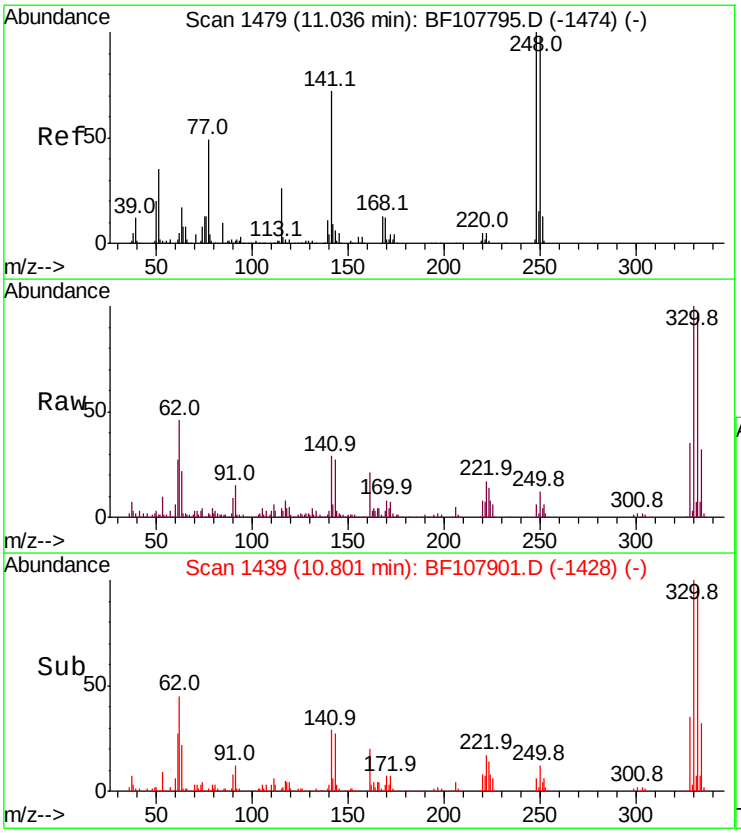
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 550432

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8#

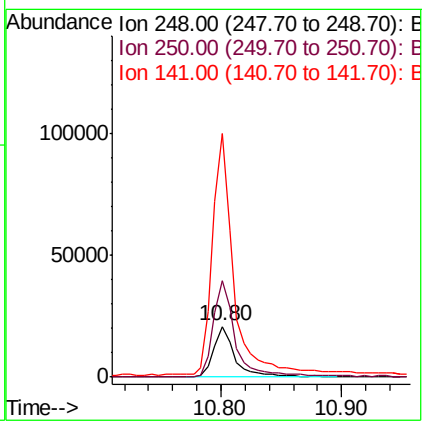


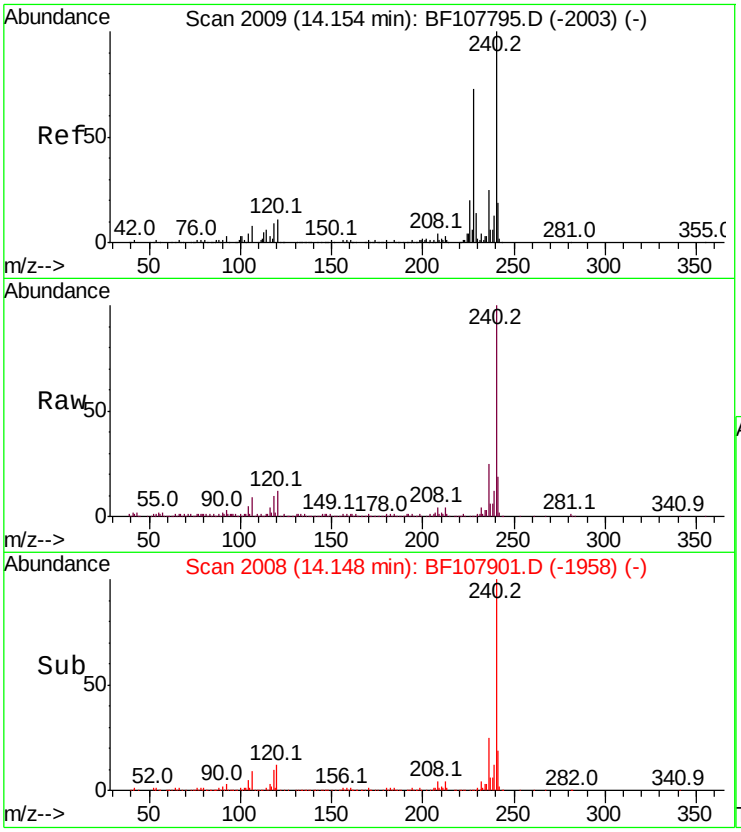


#66
4-Bromophenyl-phenylether
Concen: 3.906 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:248 Resp: 25062

Ion	Ratio	Lower	Upper
248	100		
250	188.7	76.9	115.3#
141	479.2	74.4	111.6#



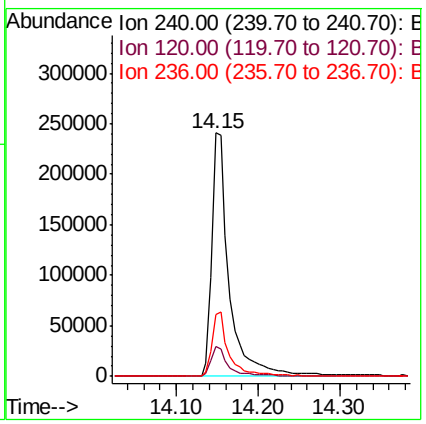


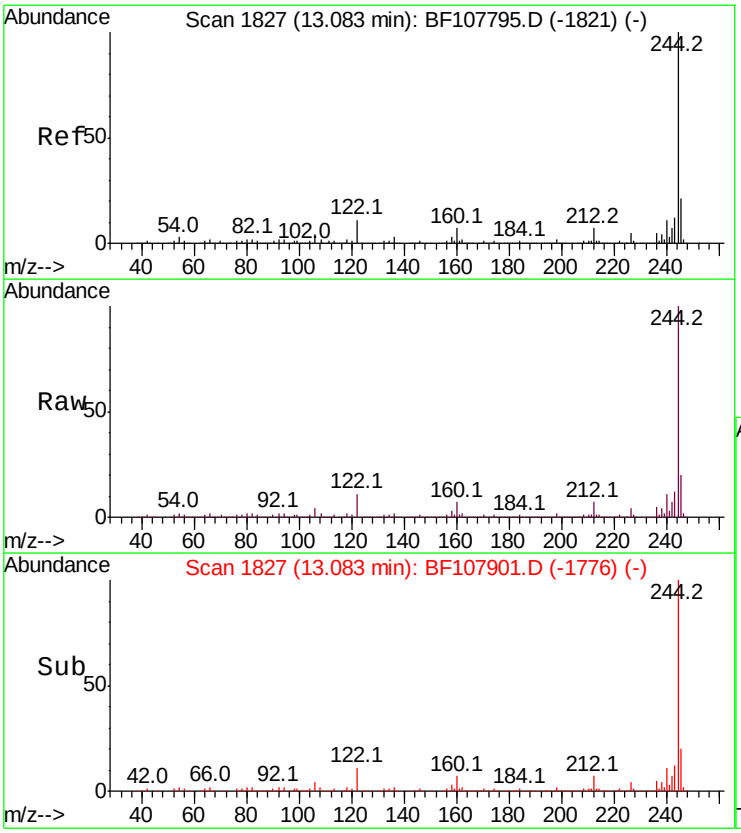
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 357593

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.5	20.7	31.1

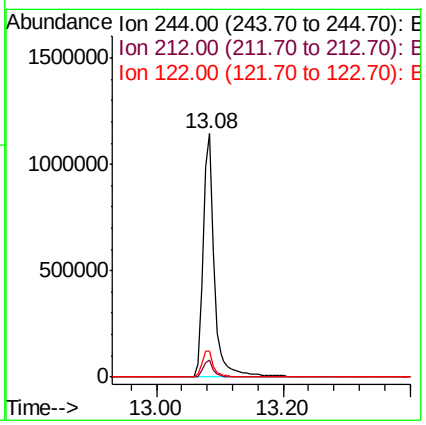


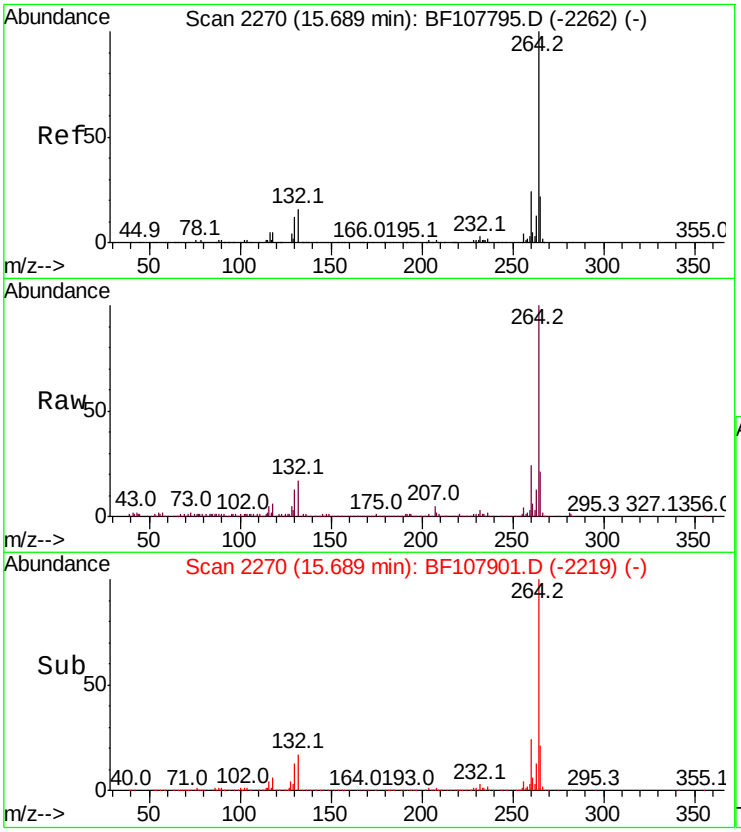


#78
Terphenyl-d14
Concen: 84.047 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107901.D
Acq: 1 Aug 2018 20:44

Tgt Ion:244 Resp: 1386014

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	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: BF107901.D
Acq: 1 Aug 2018 20:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 383286

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3