Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109436.D
Acq On : 28 Sep 2018 18:05
Operator : JU/SJ
Sample : J4777-37 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 02:11:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102921	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350591	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	136564	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	248418	20.00	ng	0.00
75) Chrysene-d12	13.84	240	218580	20.00	ng	0.00
86) Perylene-d12	15.25	264	168954	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	110678	17.71	ng	0.00
7) Phenol-d6	6.34	99	136624	17.13	ng	-0.02
23) Nitrobenzene-d5	7.26	82	77547	13.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	21861	16.24	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	131998	14.58	ng	-0.01
78) Terphenyl-d14	12.80	244	121062	13.59	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.92	122	173	6.844	ng	# 80
49) Dimethylphthalate	9.46	163	21785	2.193	ng	# 96
56) 2,4-Dinitrotoluene	9.74	165	18162	7.297	ng	# 24

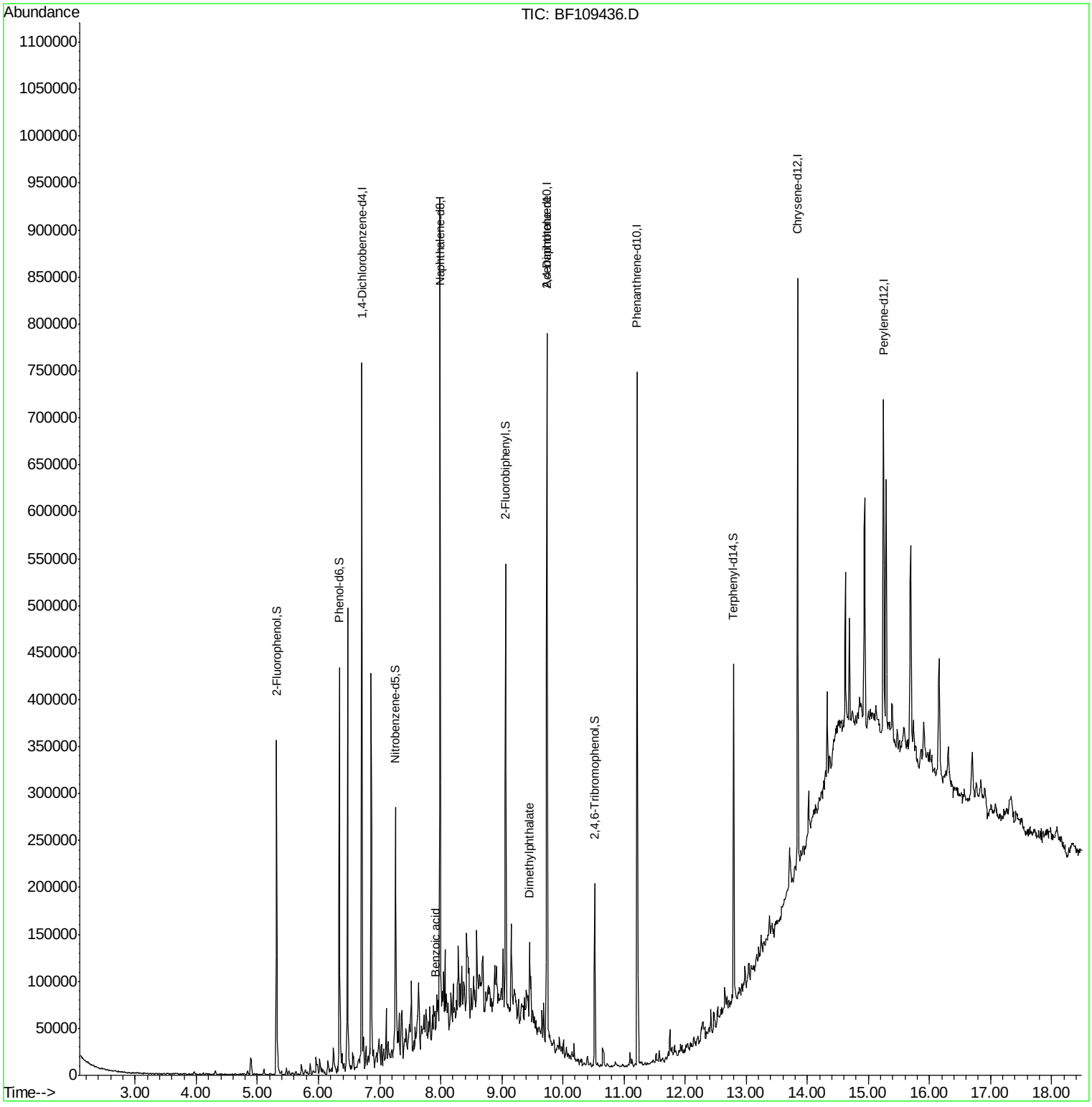
(#) = qualifier out of range (m) = manual integration (+) = signals summed

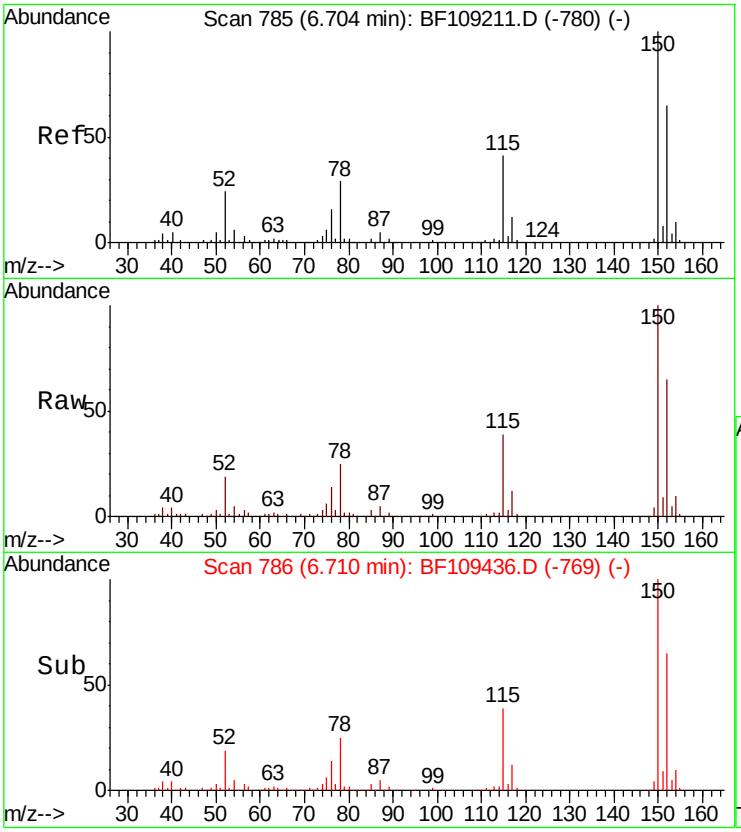
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109436.D
Acq On : 28 Sep 2018 18:05
Operator : JU/SJ
Sample : J4777-37 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 02:11:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



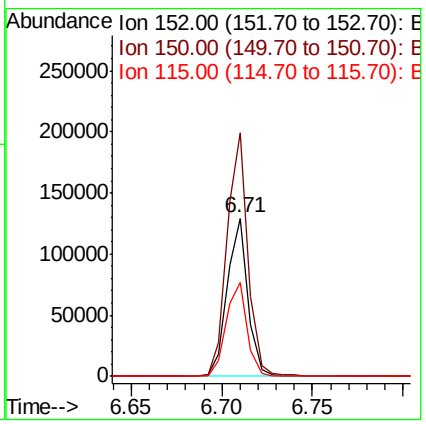


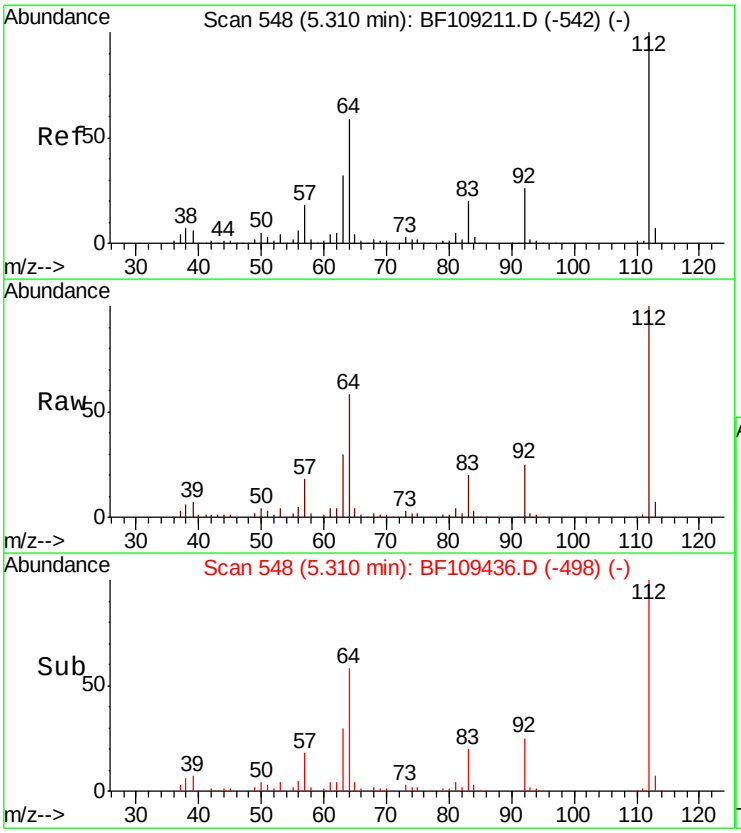
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102921

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.4	50.1	75.1

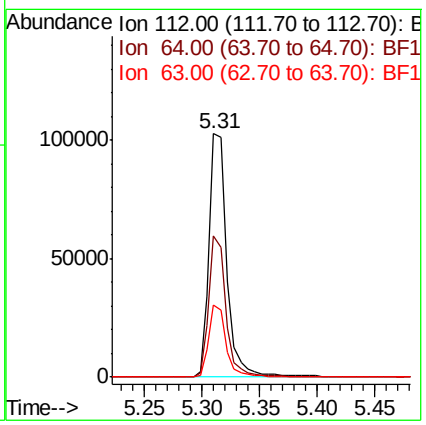


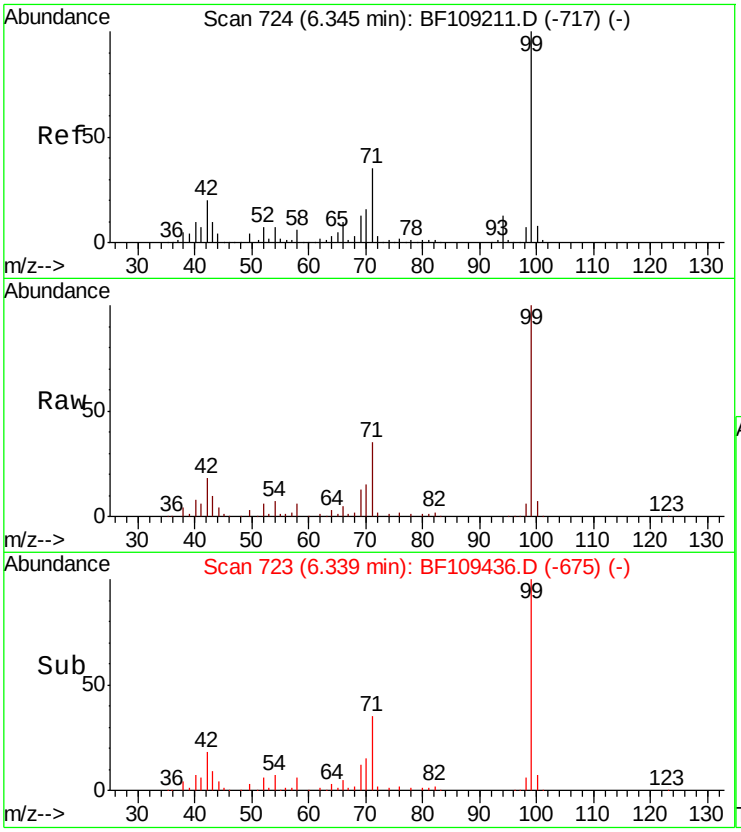


#5
2-Fluorophenol
Concen: 17.712 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:112 Resp: 110678

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.8	23.7	35.5



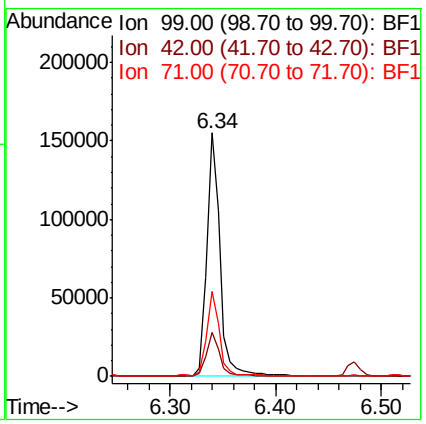


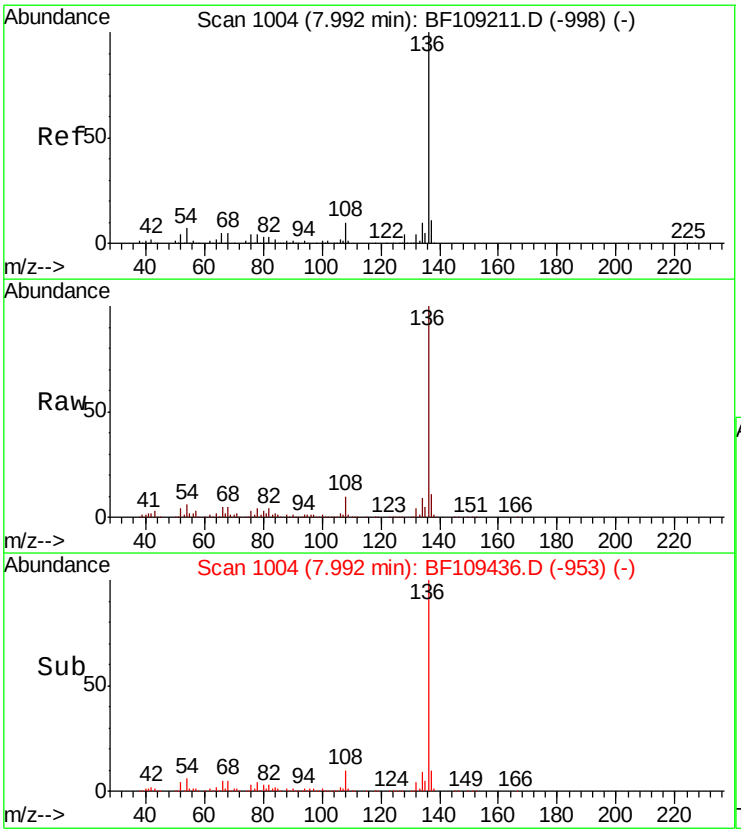
#7
Phenol-d6
Concen: 17.135 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 136624

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	34.6	25.4	38.0

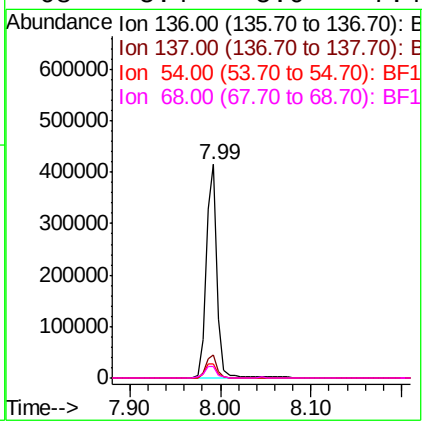


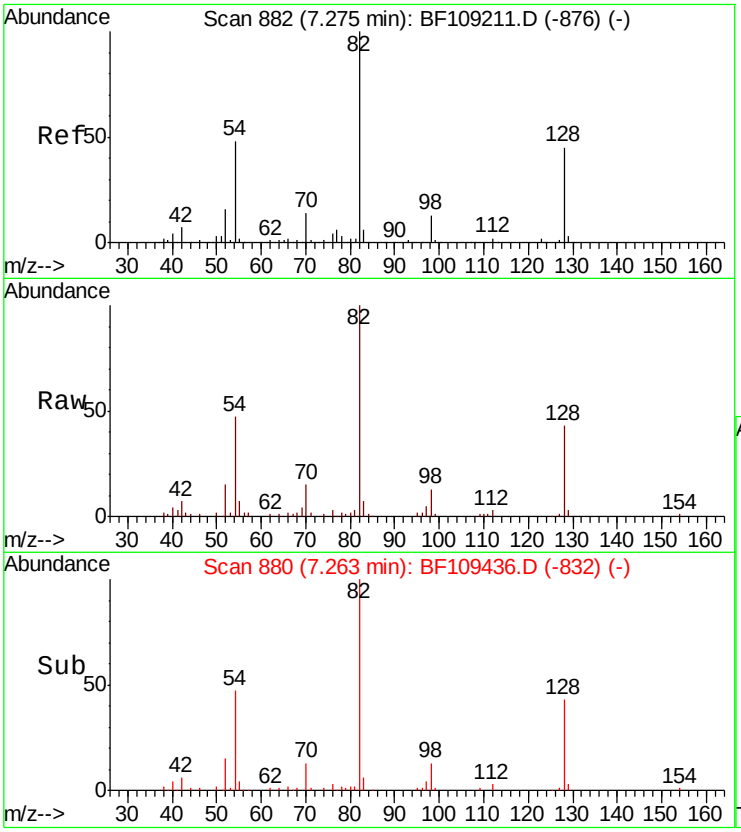


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:136 Resp: 350591

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4



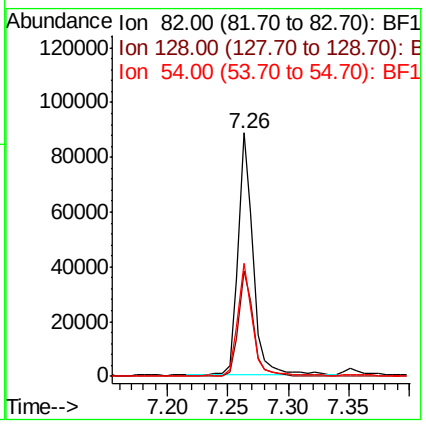


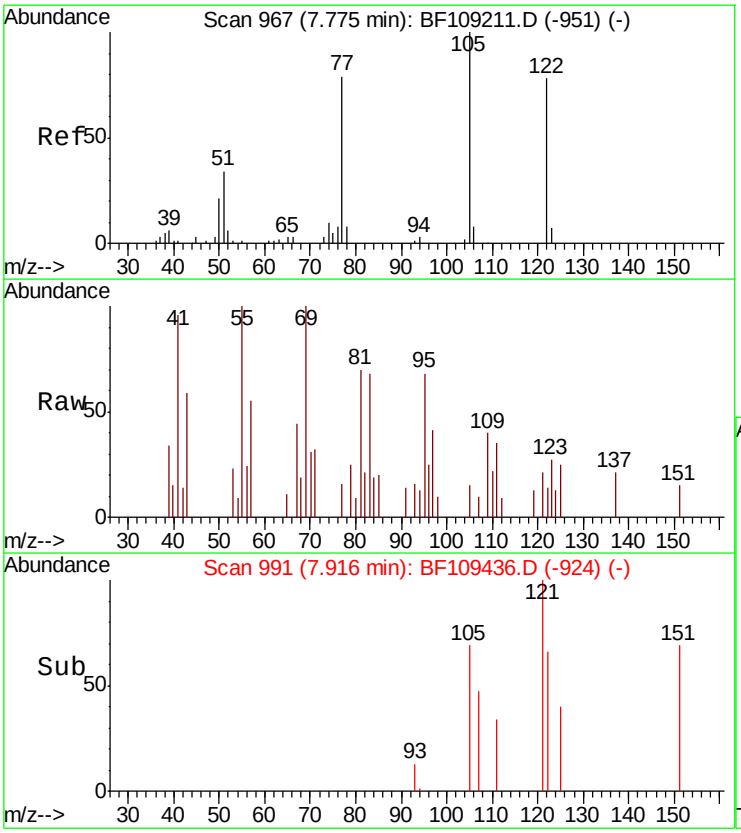
#23
Nitrobenzene-d5
Concen: 13.057 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 77547

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	46.6	41.4	62.2

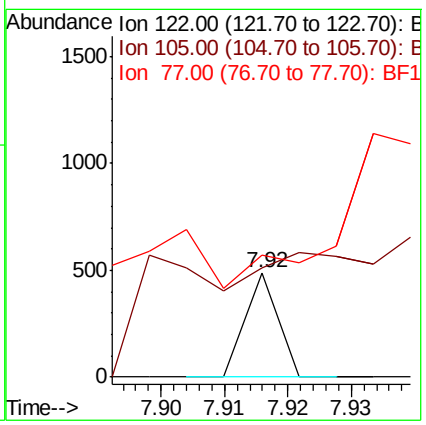


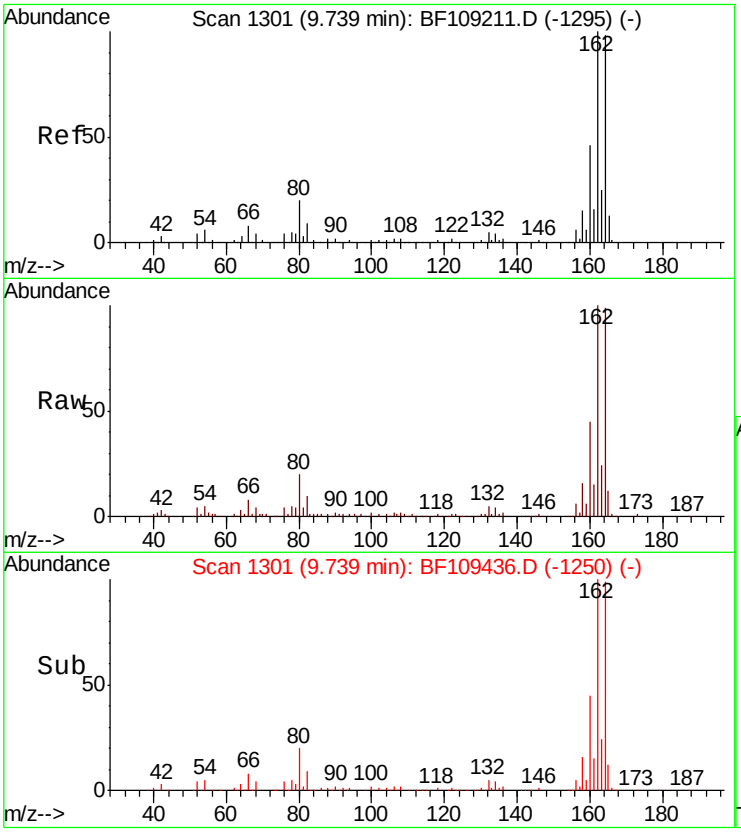


#32
Benzoic acid
Concen: 6.844 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.09 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:122 Resp: 173

Ion	Ratio	Lower	Upper
122	100		
105	103.9	101.1	141.1
77	116.1	70.7	110.7#



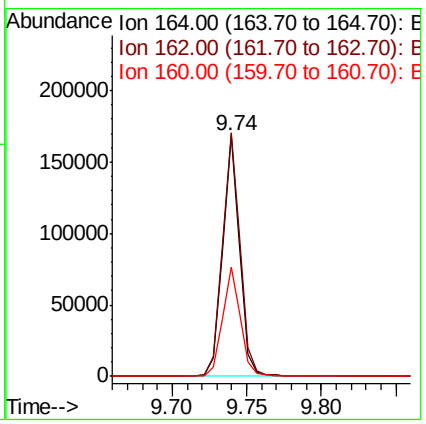


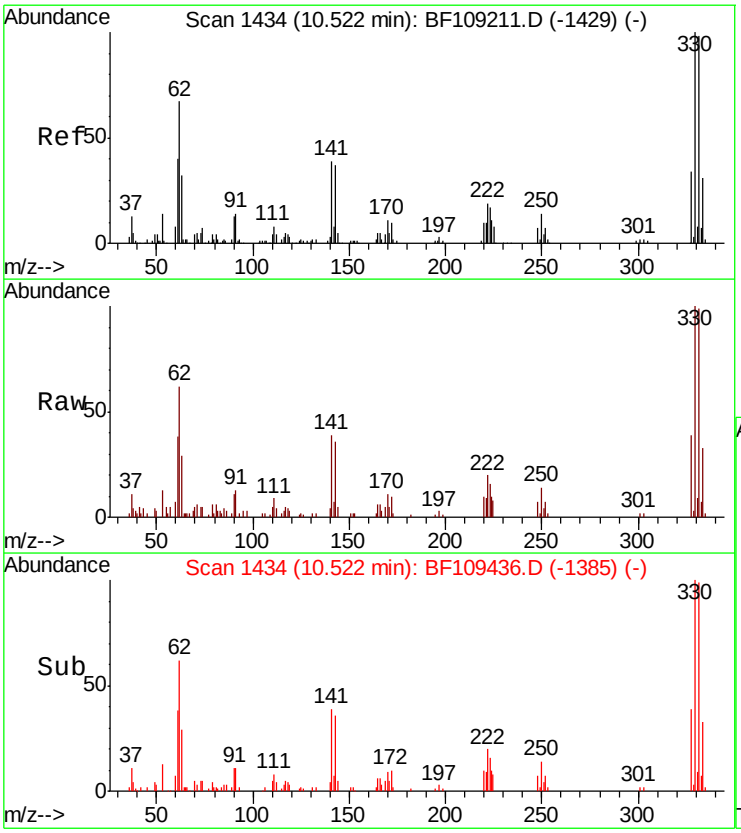
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 136564

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.3	38.3	57.5

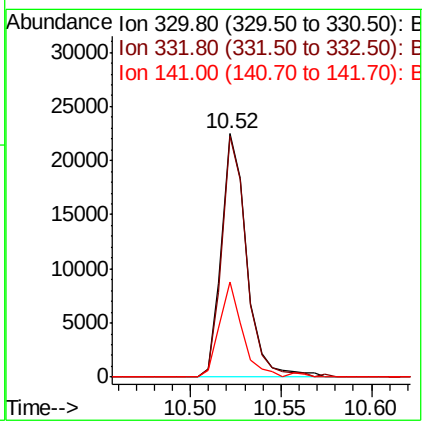


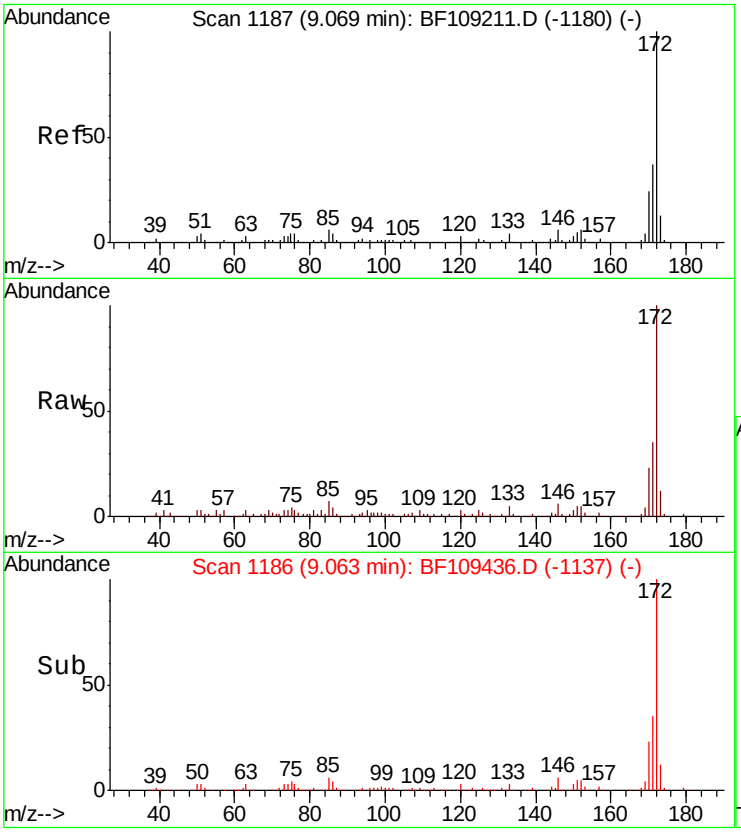


#41
2,4,6-Tribromophenol
Concen: 16.239 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:330 Resp: 21861

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.0	29.9	44.9



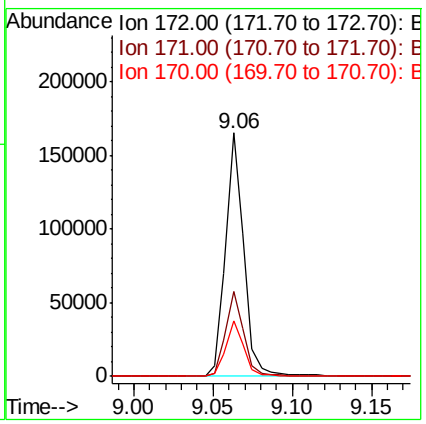


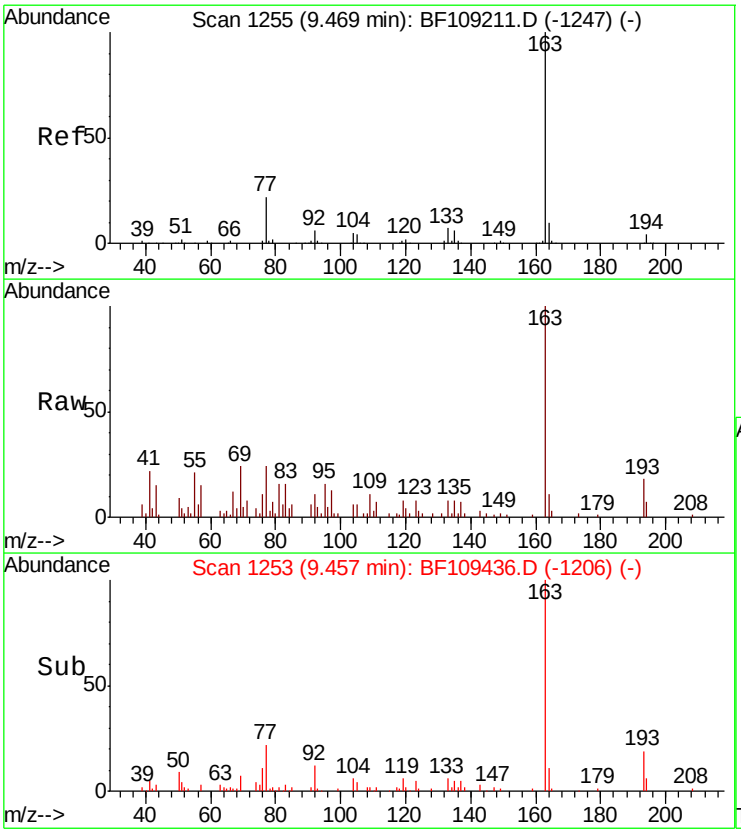
#44
2-Fluorobiphenyl
Concen: 14.578 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 131998

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.9	19.6	29.4

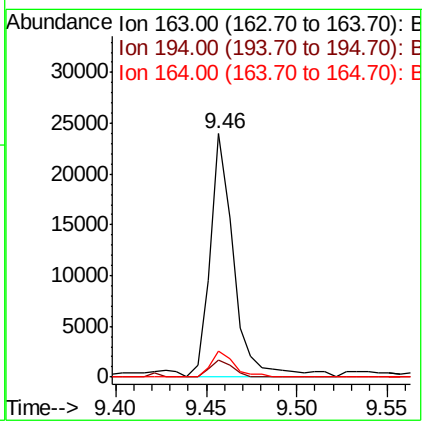


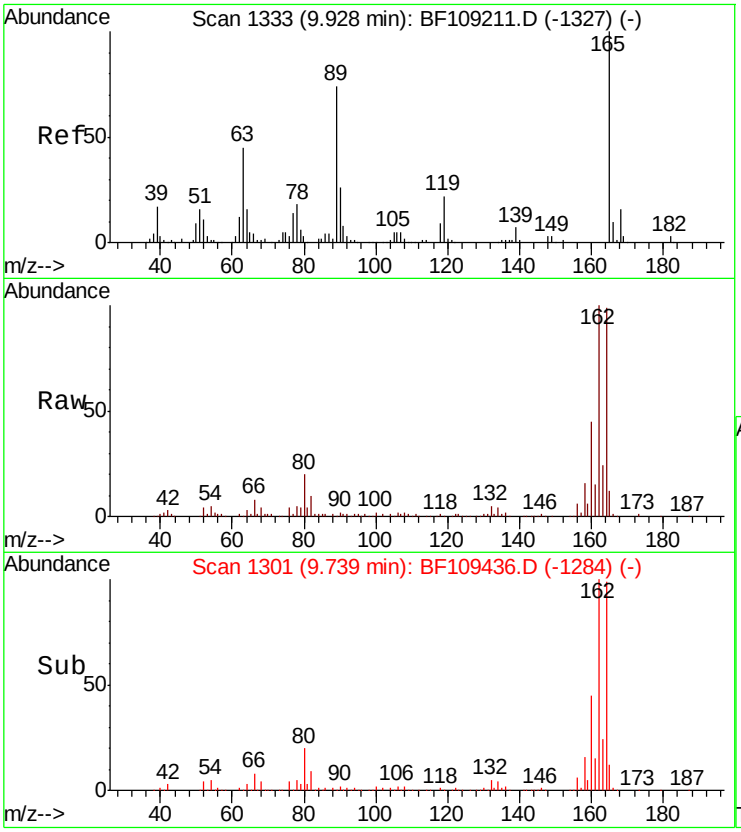


#49
Dimethylphthalate
Concen: 2.193 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:163 Resp: 21785

Ion	Ratio	Lower	Upper
163	100		
194	7.0	2.7	4.1#
164	10.7	8.2	12.2



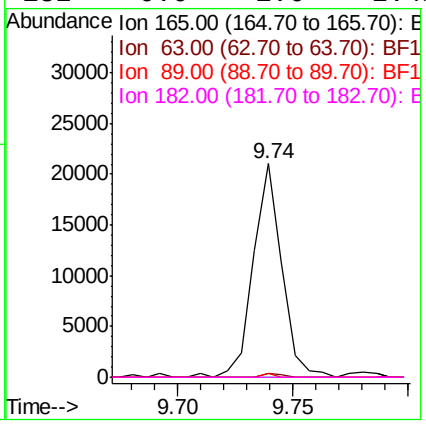


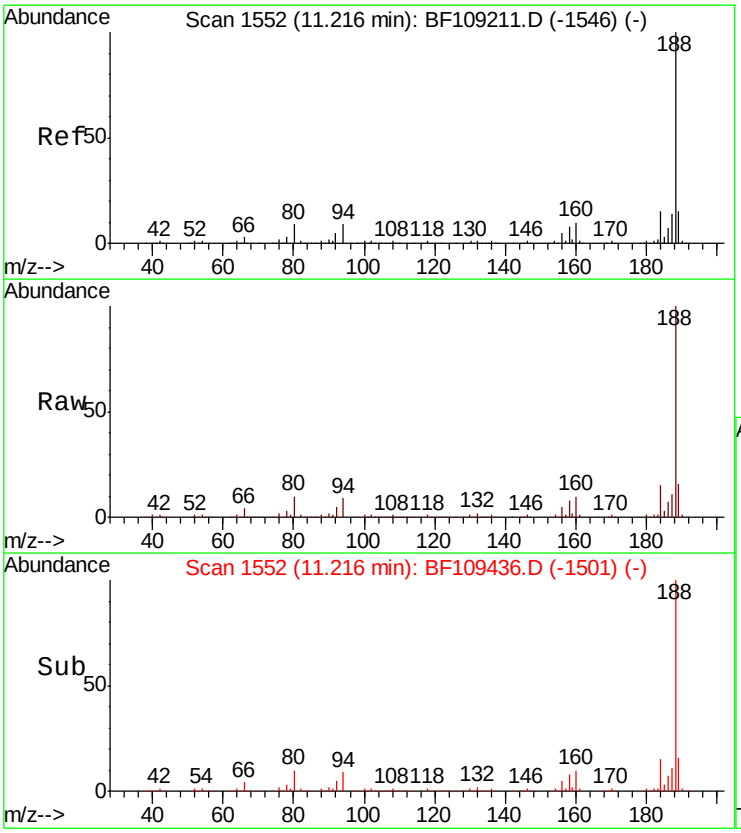
#56
2,4-Dinitrotoluene
Concen: 7.297 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18162

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

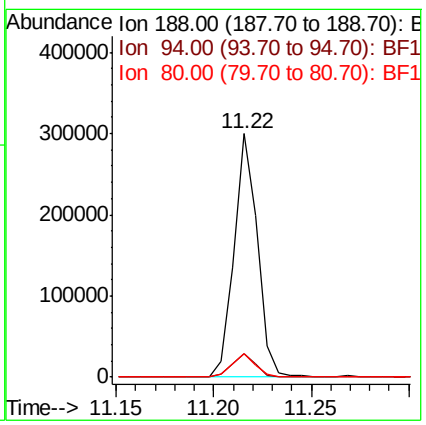


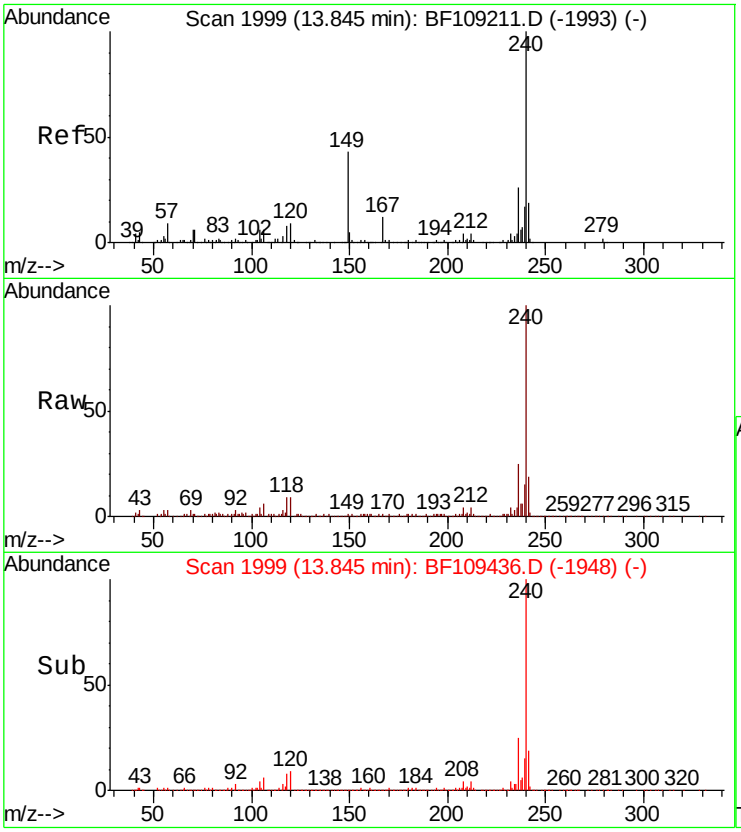


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:188 Resp: 248418

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8



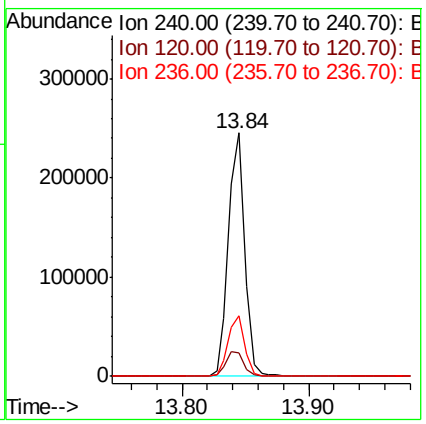


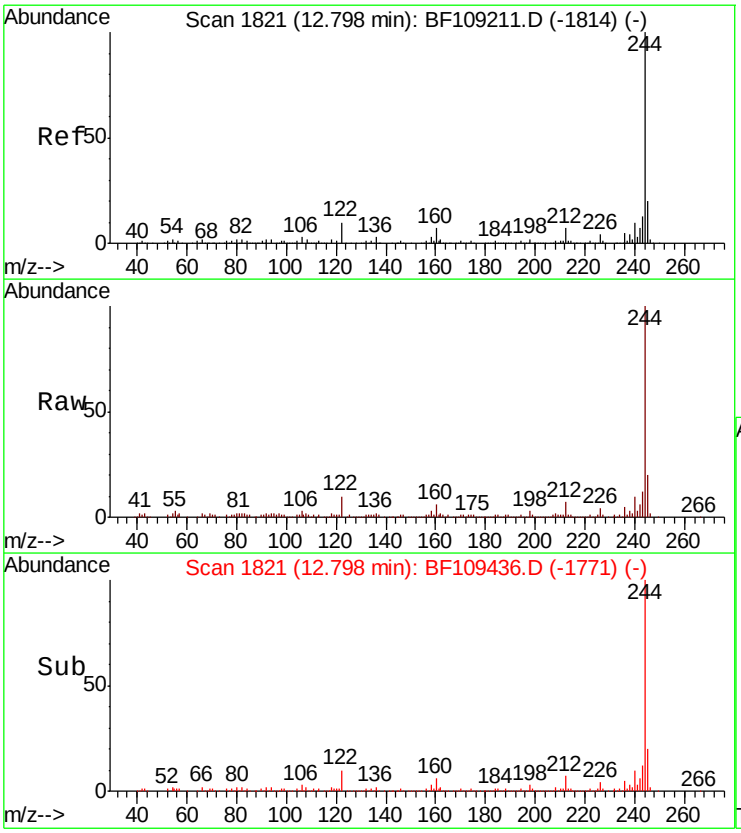
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 218580

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.9	20.7	31.1

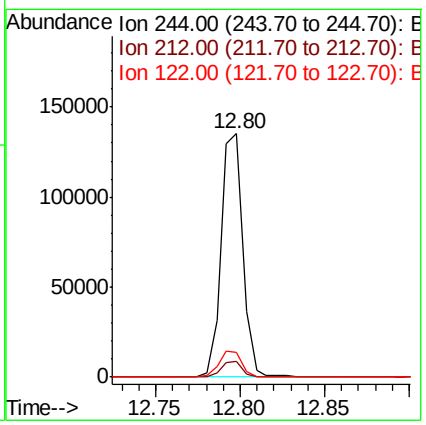


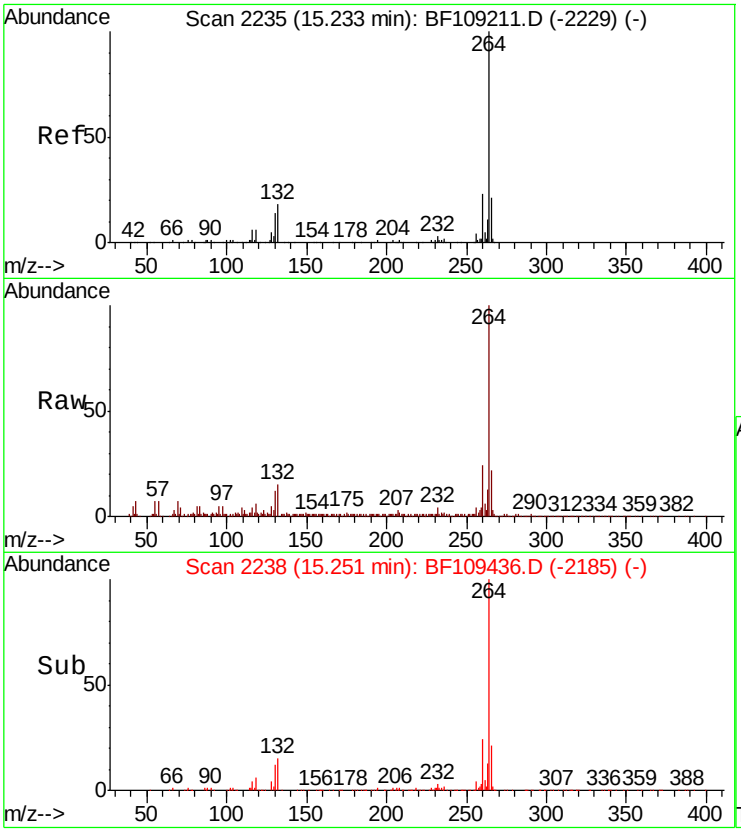


#78
Terphenyl-d14
Concen: 13.593 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:244 Resp: 121062

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168954

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3