Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109201.D
Acq On : 21 Sep 2018 00:00
Operator : JU/SJ
Sample : J4985-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	84812	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	362066	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	175309	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	290798	20.00	ng	0.00
75) Chrysene-d12	13.85	240	222222	20.00	ng	-0.01
86) Perylene-d12	15.25	264	223898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	3316	0.65	ng	0.00
7) Phenol-d6	6.34	99	98492	14.96	ng	-0.02
23) Nitrobenzene-d5	7.28	82	301503	46.71	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	522433	46.69	ng	0.00
78) Terphenyl-d14	12.81	244	462978	49.38	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	41116	9.447	ng	# 77
49) Dimethylphthalate	9.47	163	111359	8.887	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	21854	6.014	ng	# 23

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

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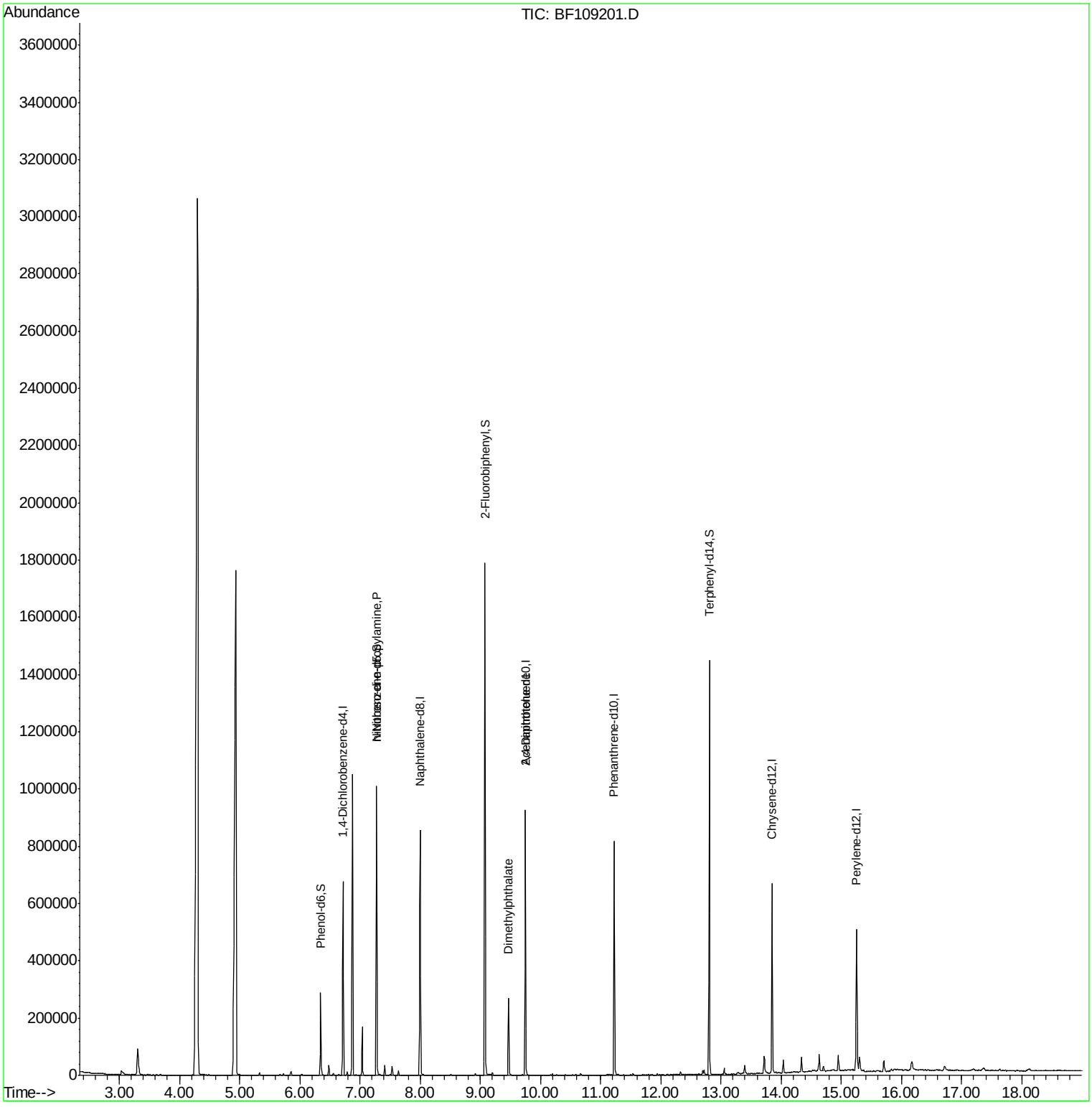
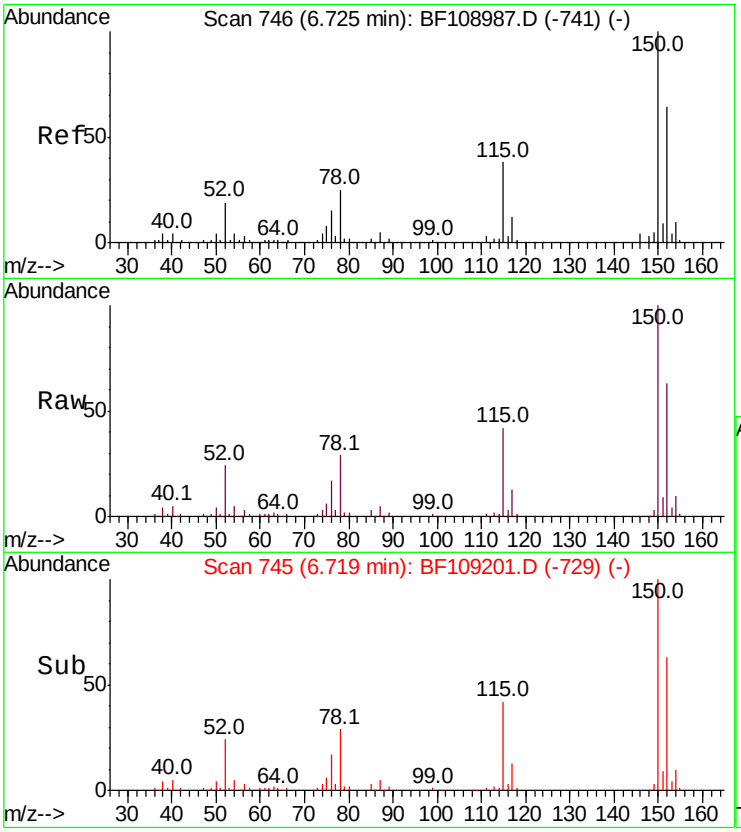


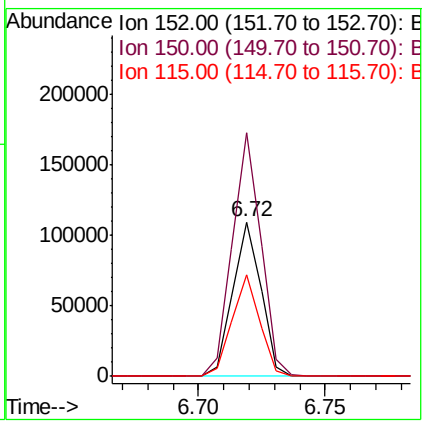


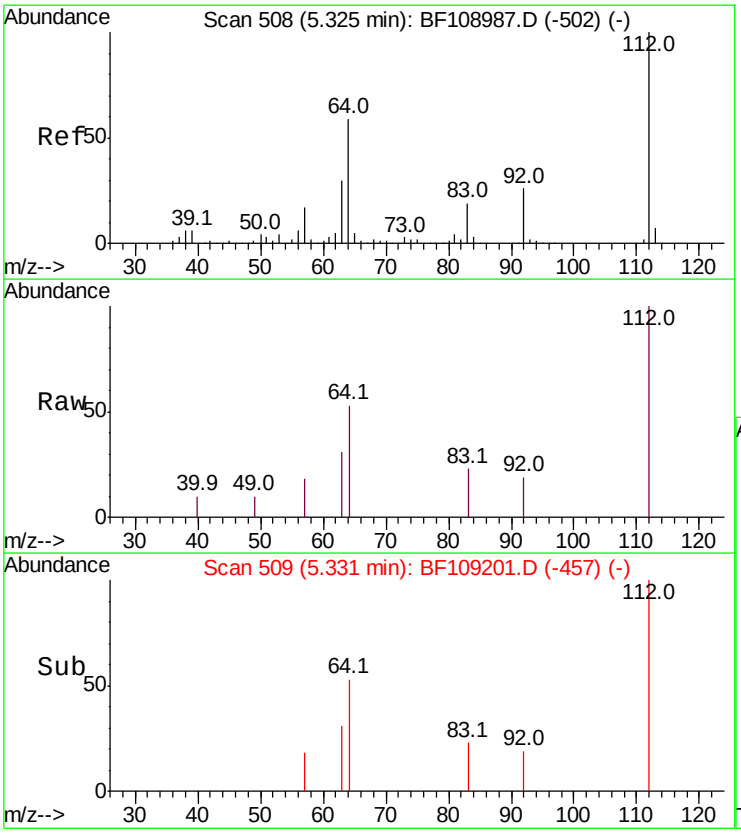
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84812

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	66.0	50.1	75.1

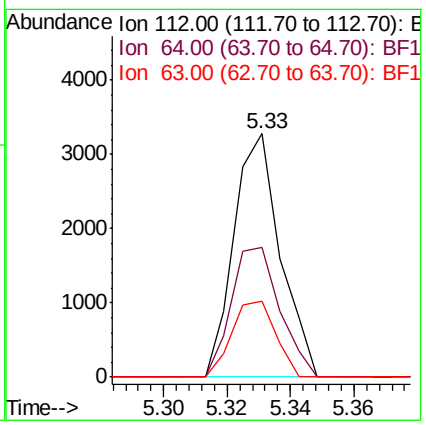


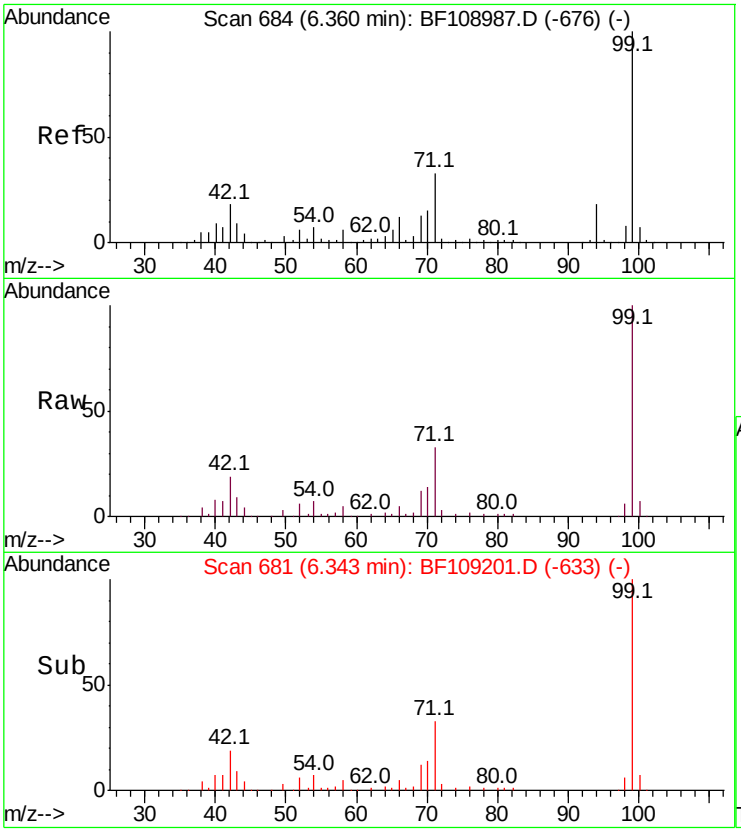


#5
2-Fluorophenol
Concen: 0.649 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion:112 Resp: 3316

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	31.3	23.7	35.5



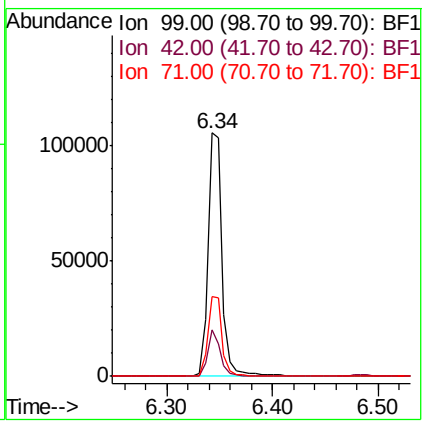


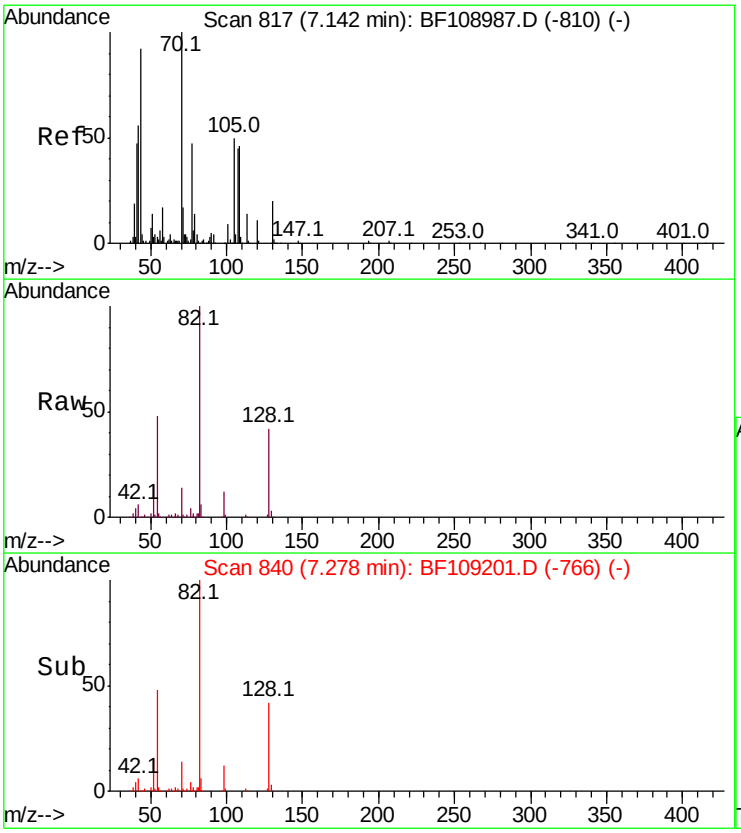
#7
Phenol-d6
Concen: 14.958 ng
RT: 6.34 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 98492

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.8	25.4	38.0

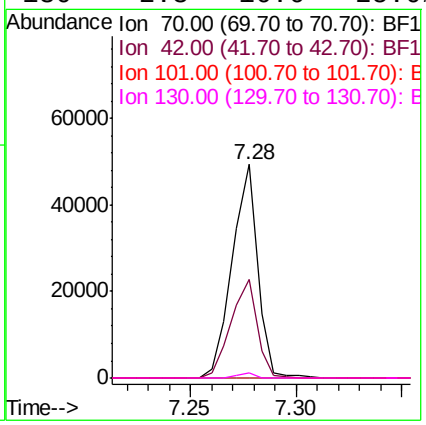


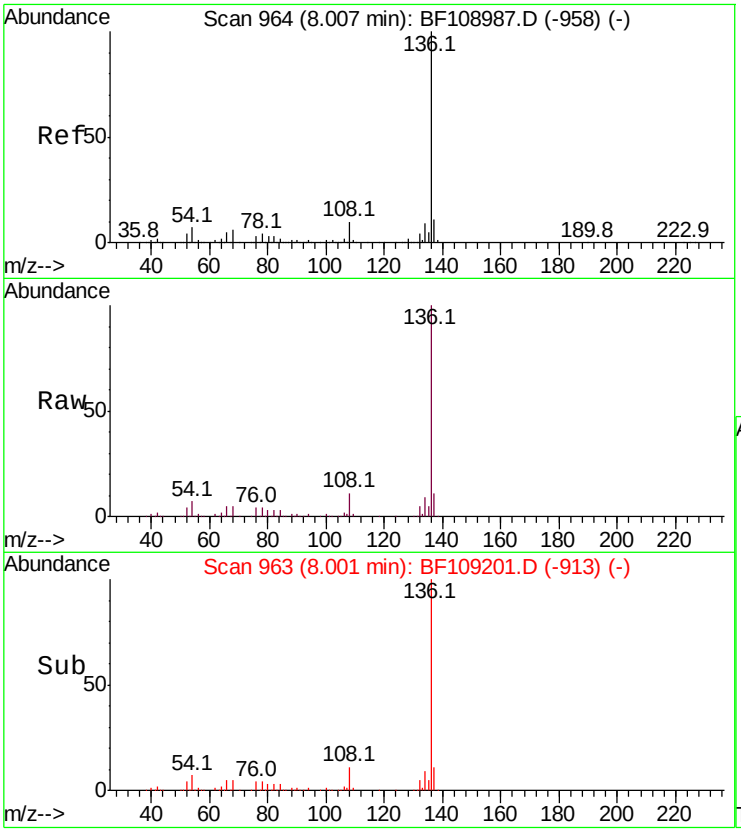


#19
n-Nitroso-di-n-propylamine
Concen: 9.447 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion: 70 Resp: 41116

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



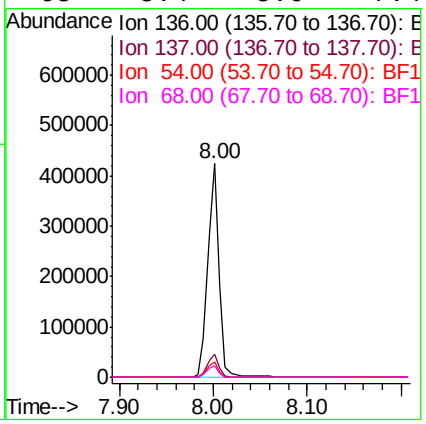


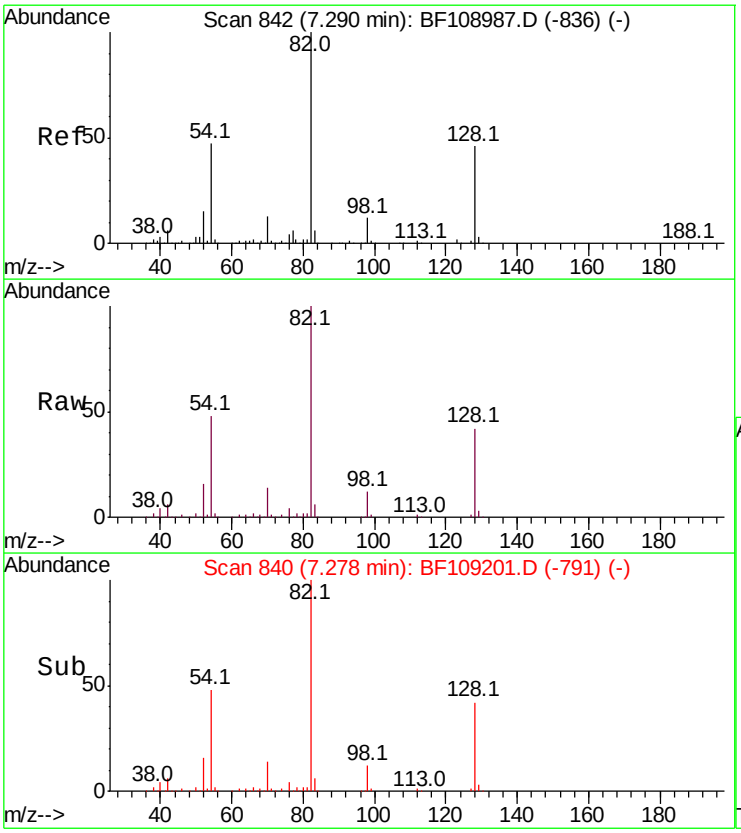
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 362066

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.4	5.0	7.4

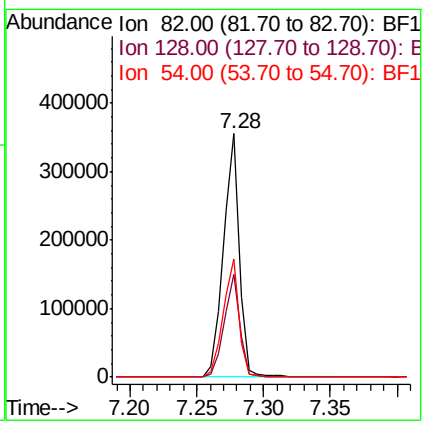


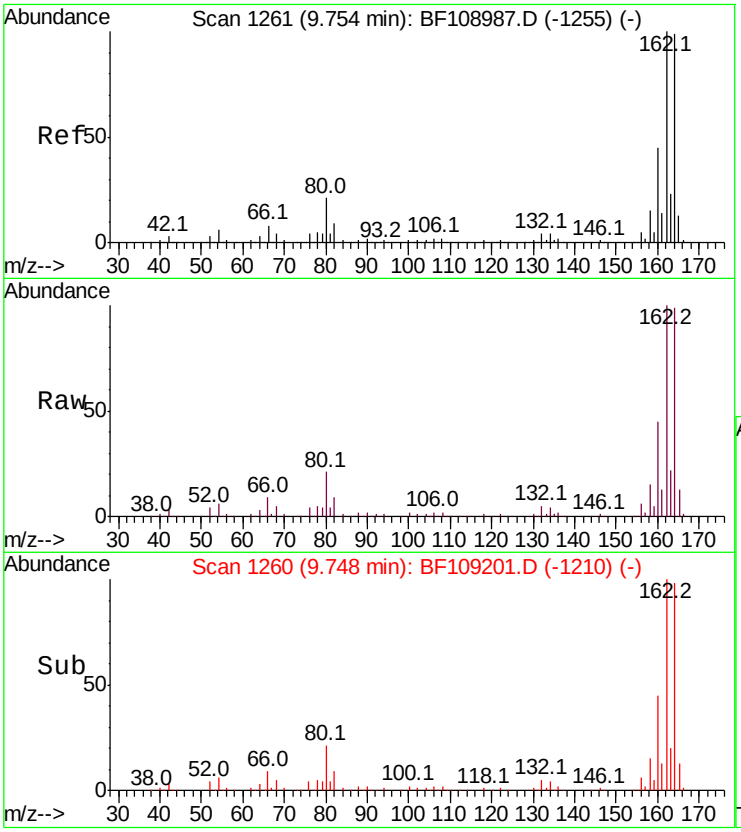


#23
Nitrobenzene-d5
Concen: 46.706 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion: 82 Resp: 301503

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	48.5	41.4	62.2



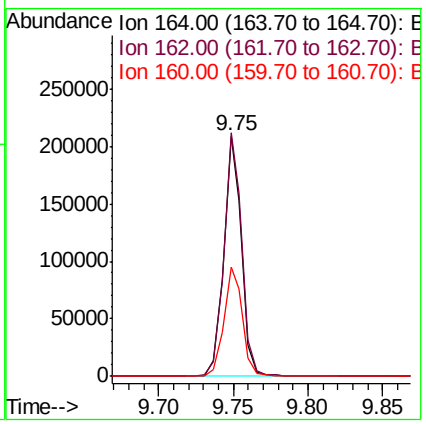


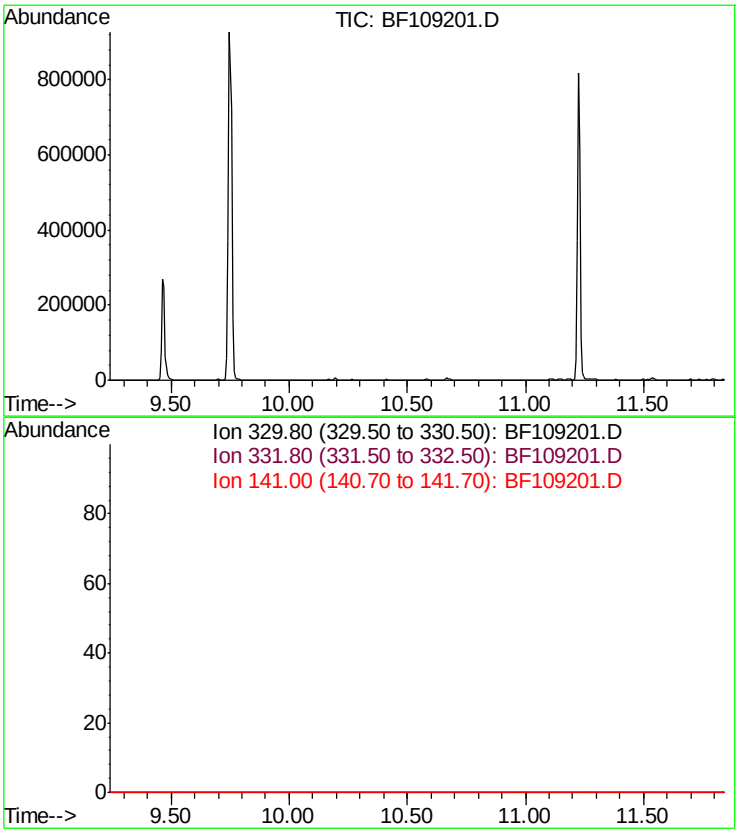
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 175309

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.7	38.3	57.5



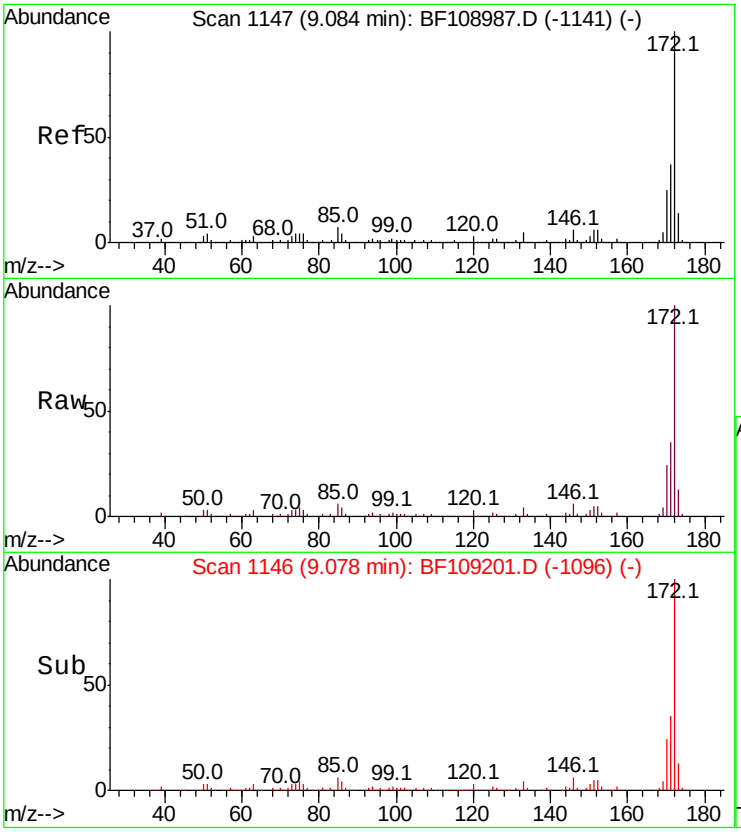


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.54 min

Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

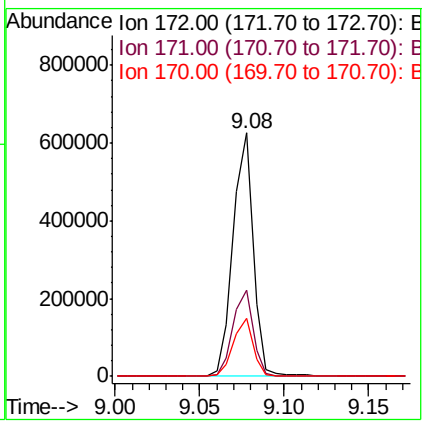


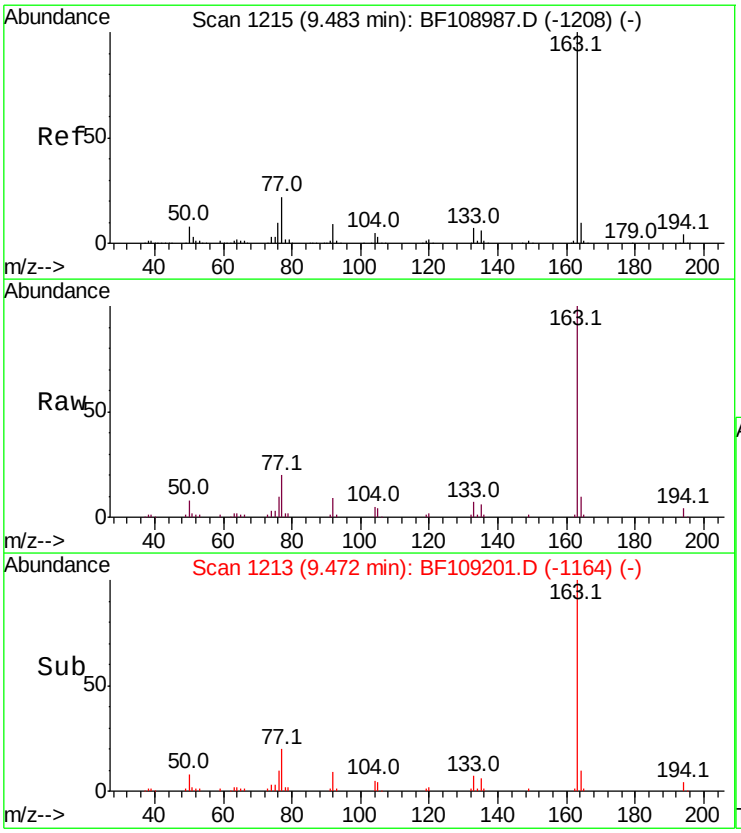
#44
2-Fluorobiphenyl
Concen: 46.690 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 522433

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.7	19.6	29.4

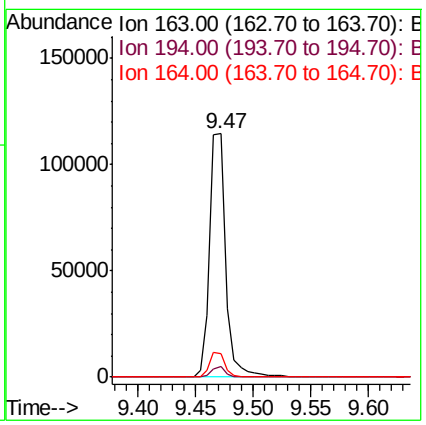


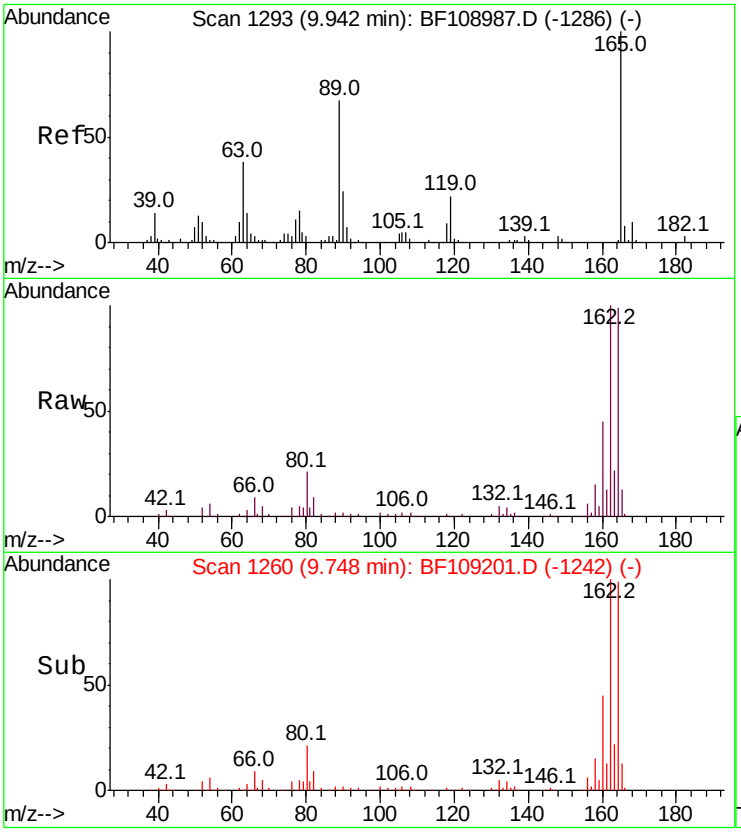


#49
Dimethylphthalate
Concen: 8.887 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion:163 Resp: 111359

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2



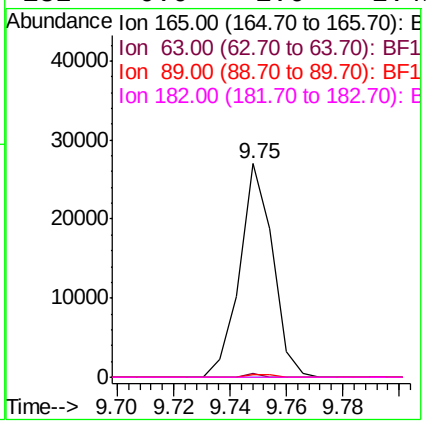


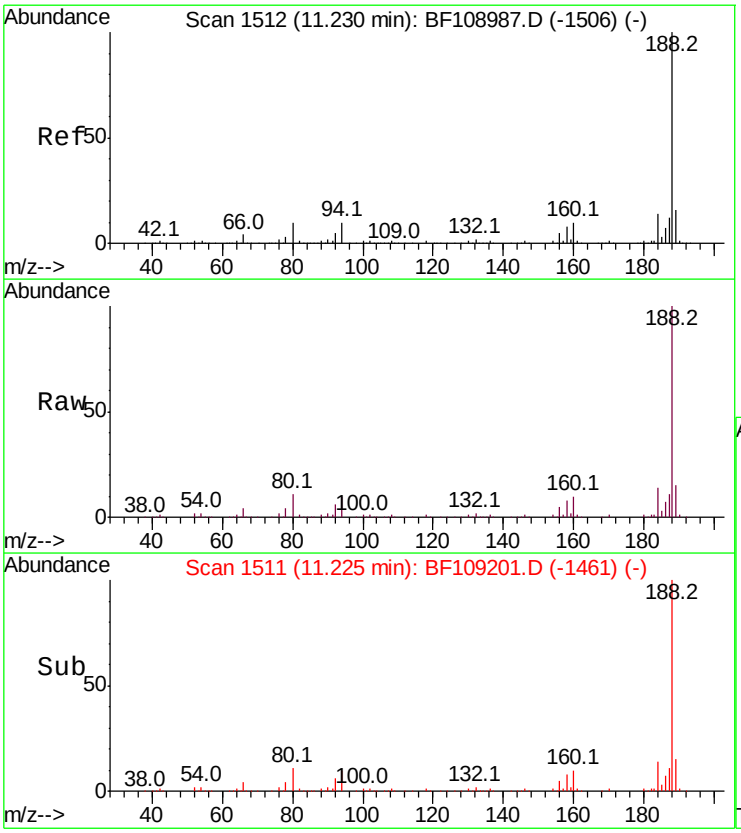
#56
2,4-Dinitrotoluene
Concen: 6.014 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21854

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

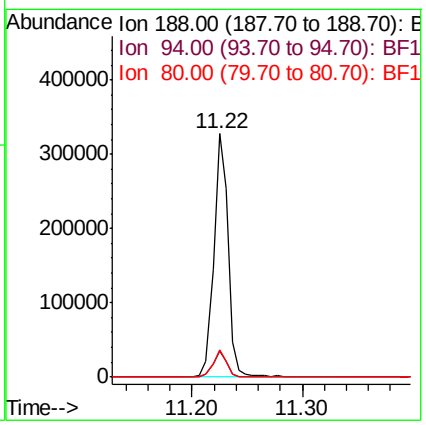


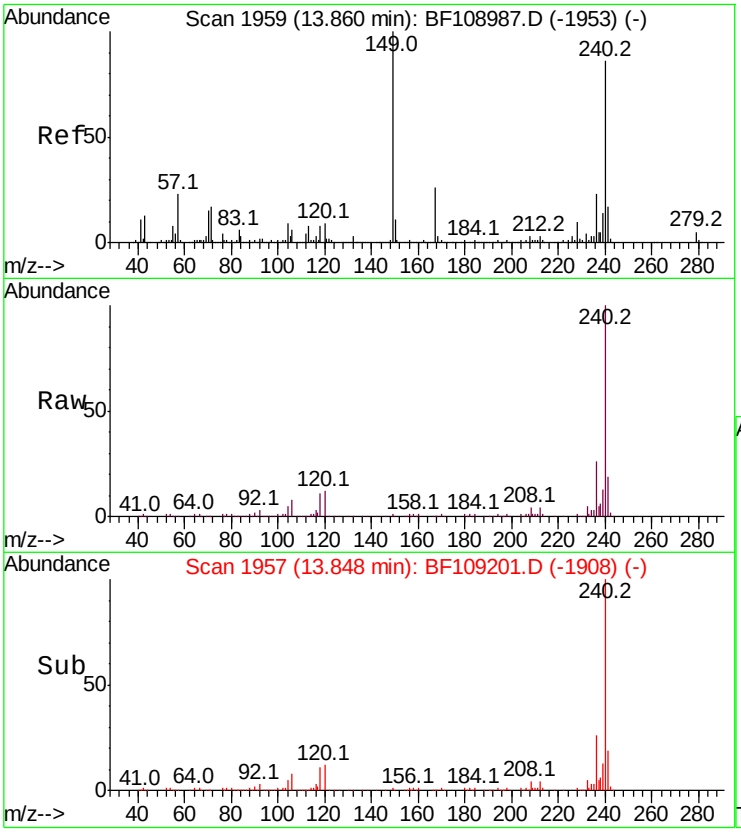


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion:188 Resp: 290798

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8



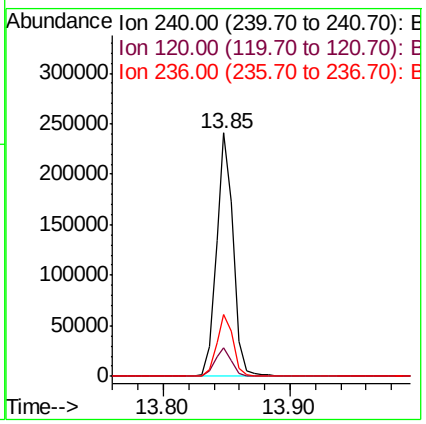


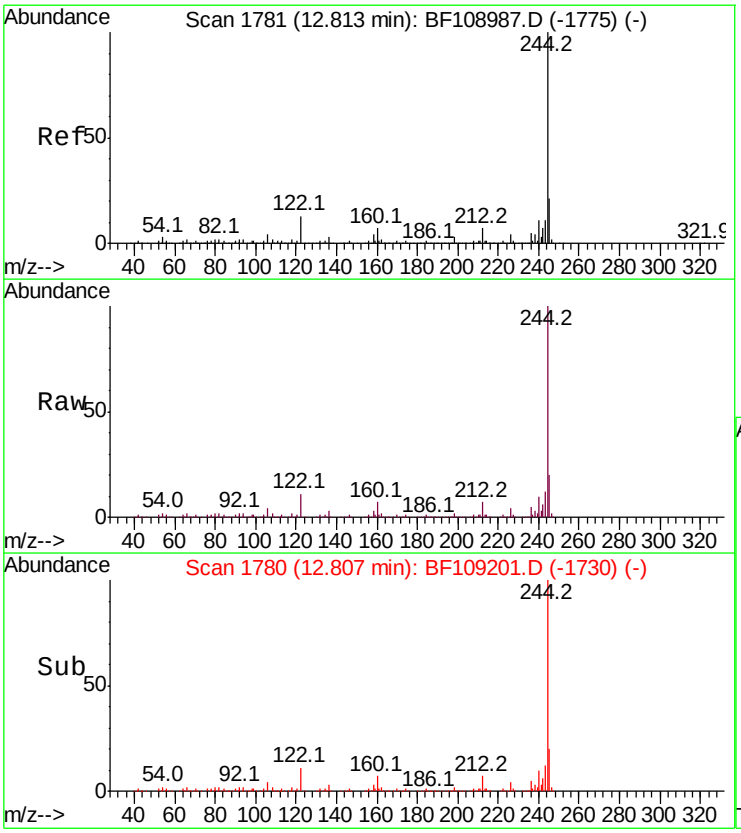
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222222

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.6	20.7	31.1

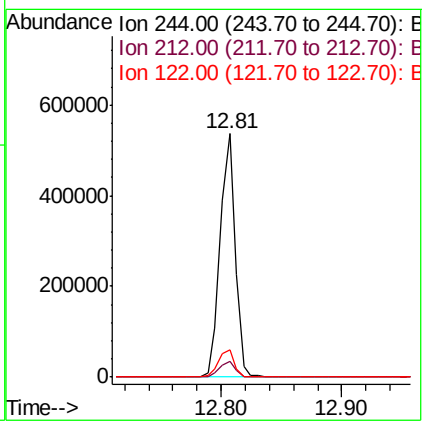


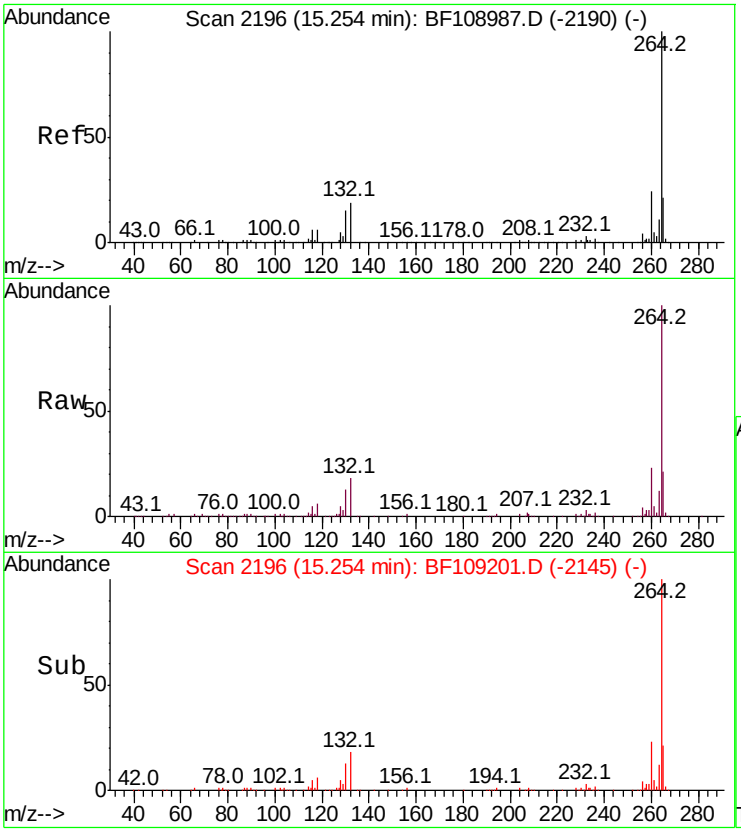


#78
Terphenyl-d14
Concen: 49.382 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Tgt Ion:244 Resp: 462978

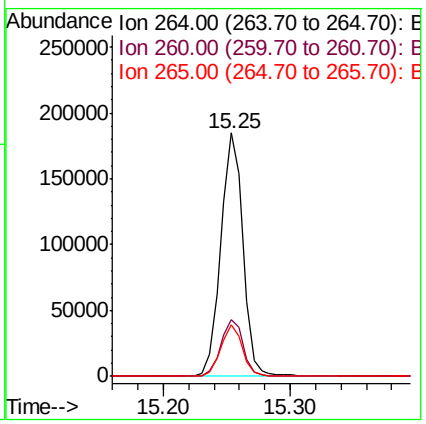
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109201.D
Acq: 21 Sep 2018 00:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 223898

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3