Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109203.D
Acq On : 21 Sep 2018 00:53
Operator : JU/SJ
Sample : J4993-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:40 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	80439	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	311283	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	105430	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	208836	20.00	ng	0.00
75) Chrysene-d12	13.85	240	142419	20.00	ng	-0.01
86) Perylene-d12	15.25	264	217410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	342816	70.78	ng	0.00
7) Phenol-d6	6.36	99	526355	84.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	337567	60.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	73901	64.59	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	473722	70.40	ng	0.00
78) Terphenyl-d14	12.81	244	328810	54.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	46472	11.258	ng	# 82
25) Isophorone	7.28	82	334672	35.081	ng	# 64
49) Dimethylphthalate	9.47	163	107266	14.235	ng	99
56) 2,4-Dinitrotoluene	9.75	165	12549	5.742	ng	# 21

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

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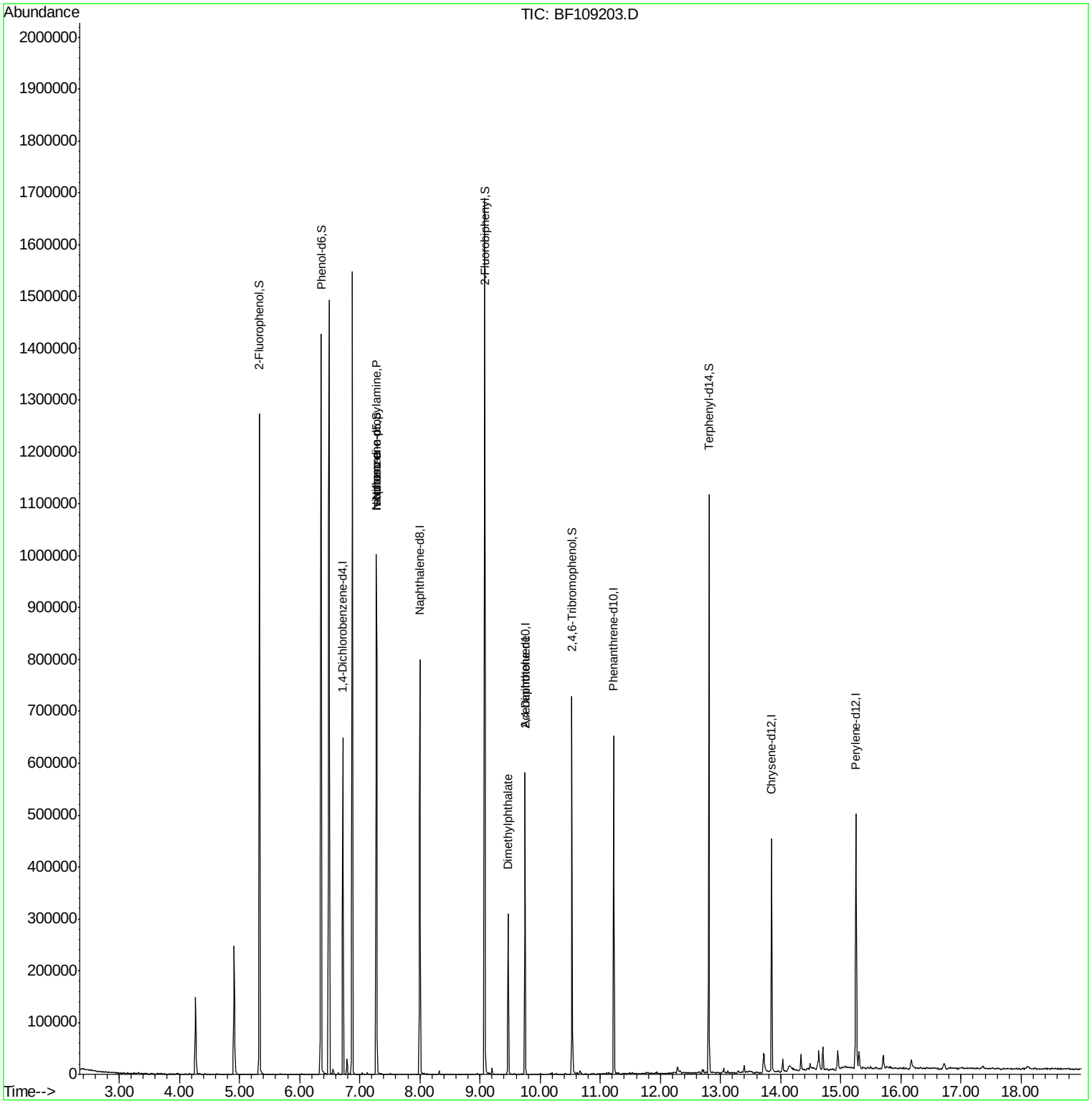
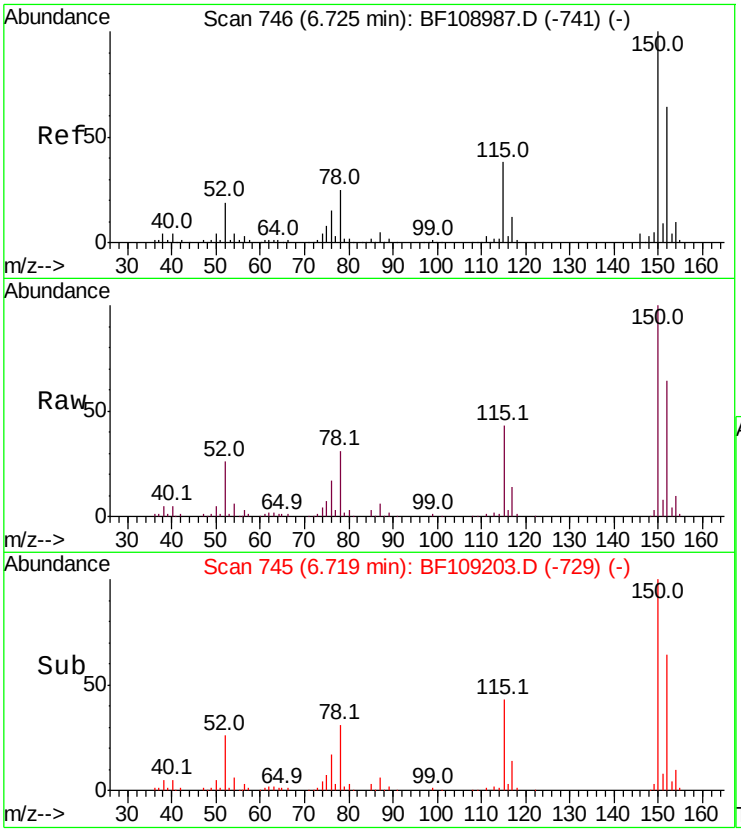


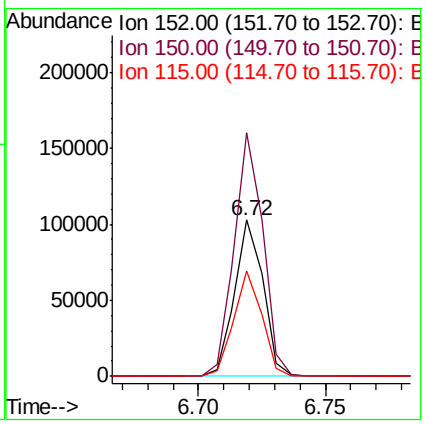


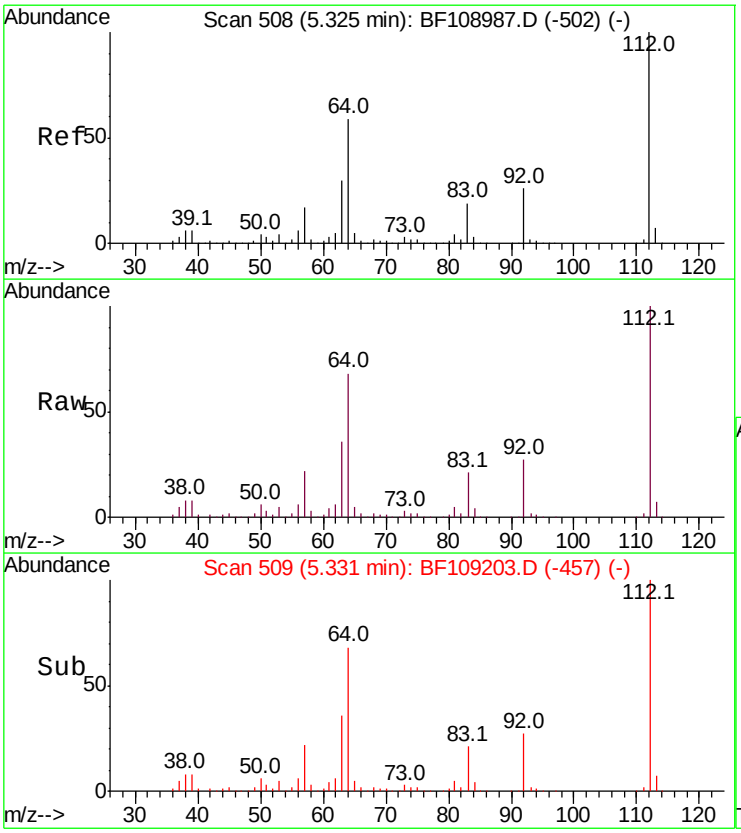
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80439

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	67.3	50.1	75.1

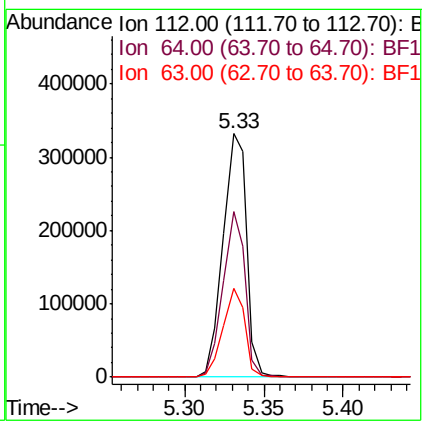


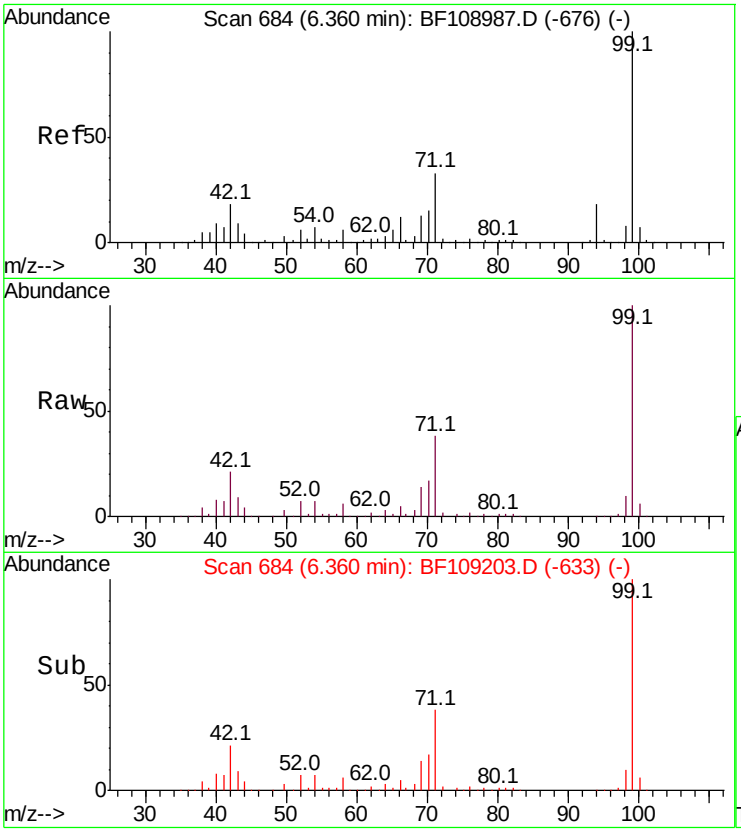


#5
2-Fluorophenol
Concen: 70.784 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:112 Resp: 342816

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	36.3	23.7	35.5#



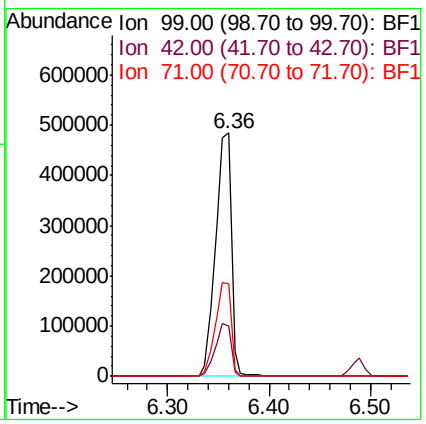


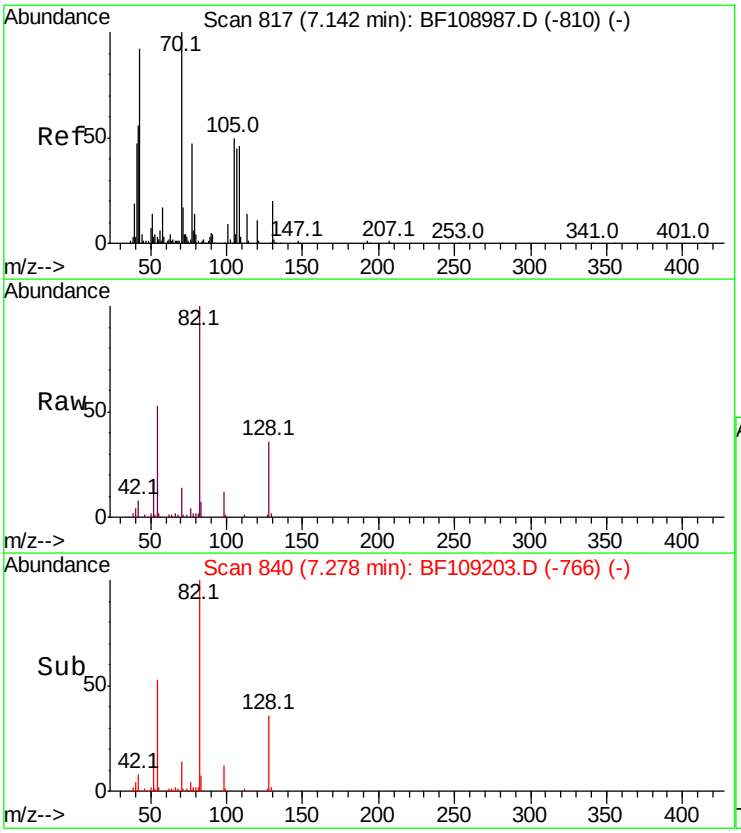
#7
Phenol-d6
Concen: 84.284 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 526355

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	37.9	25.4	38.0

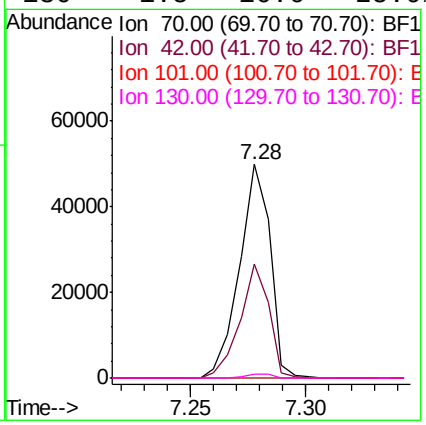


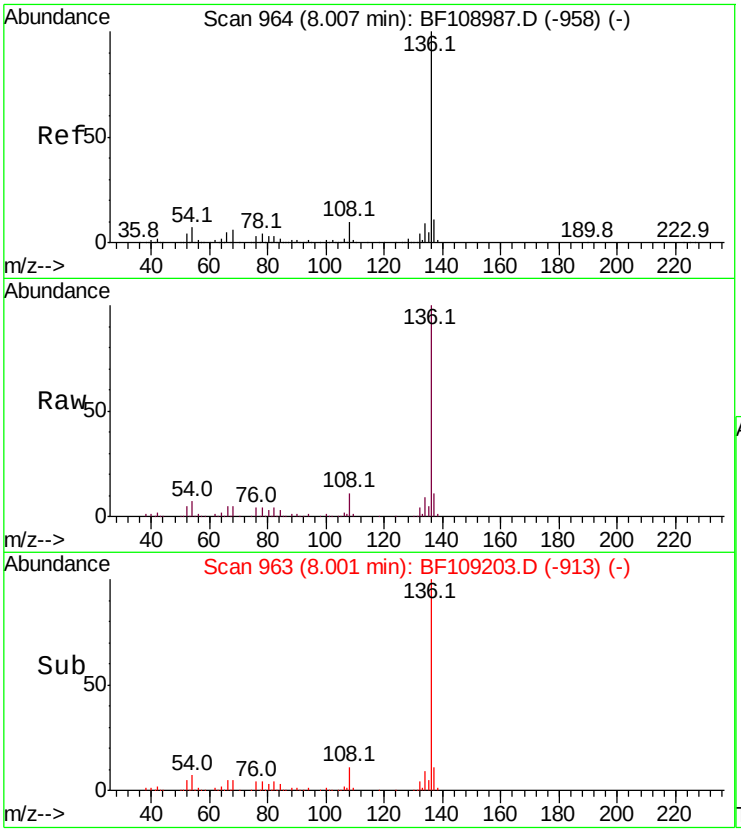


#19
n-Nitroso-di-n-propylamine
Concen: 11.258 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion: 70 Resp: 46472

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.5	16.6	25.0#



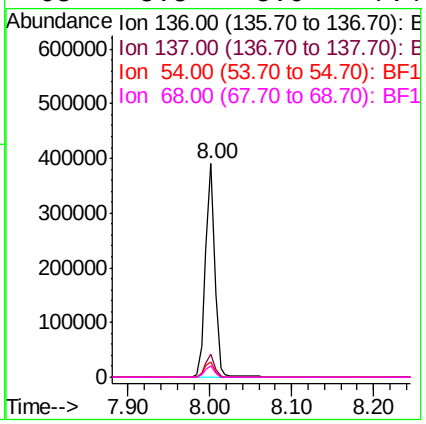


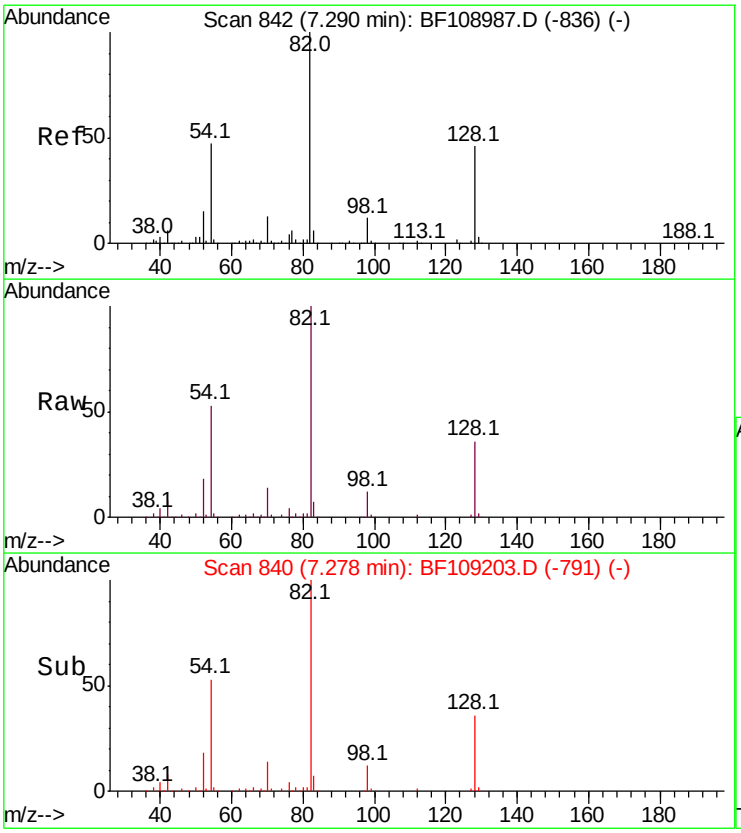
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 311283

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4

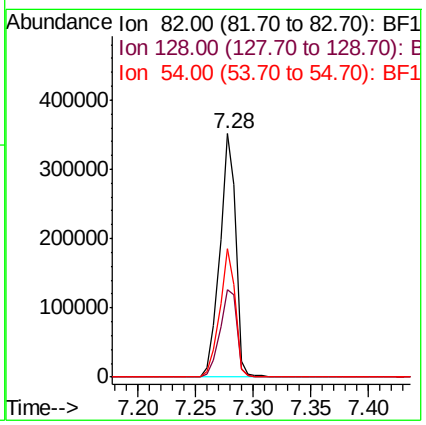


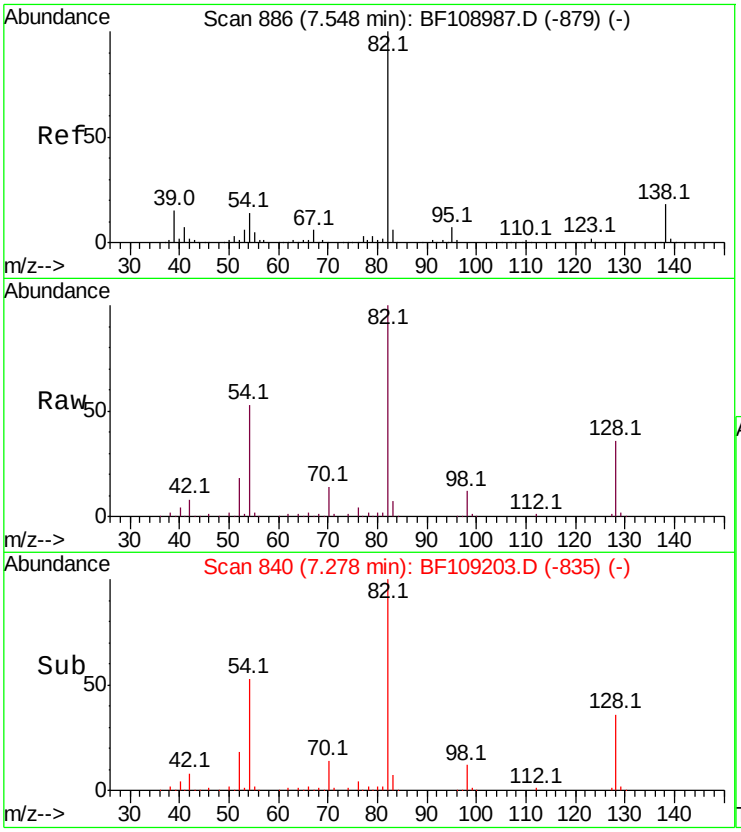


#23
Nitrobenzene-d5
Concen: 60.824 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion: 82 Resp: 337567

Ion	Ratio	Lower	Upper
82	100		
128	35.8	36.1	54.1#
54	52.5	41.4	62.2



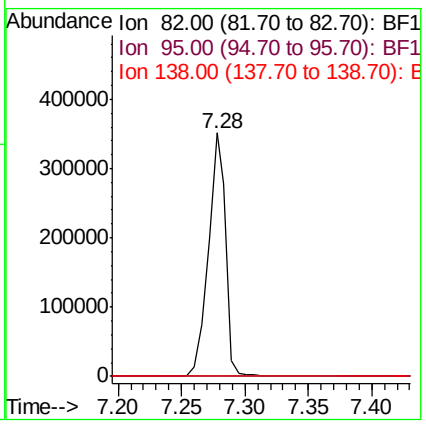


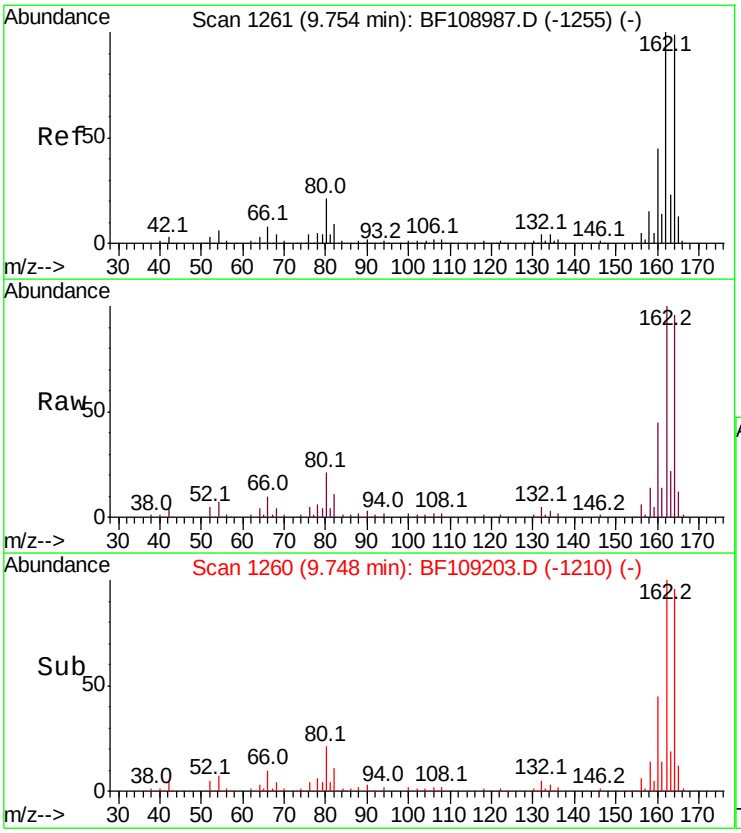
#25
Isophorone
Concen: 35.081 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 334672

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

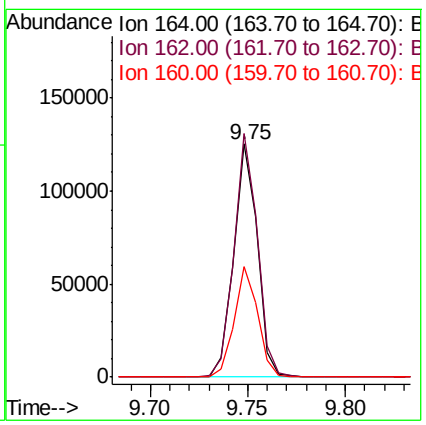


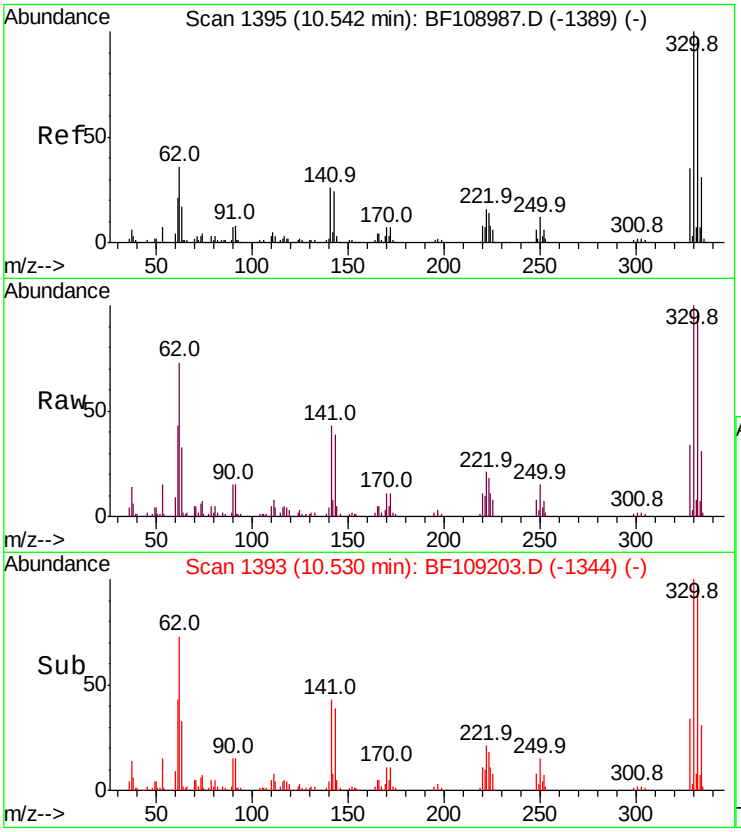


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:164 Resp: 105430

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.2	38.3	57.5



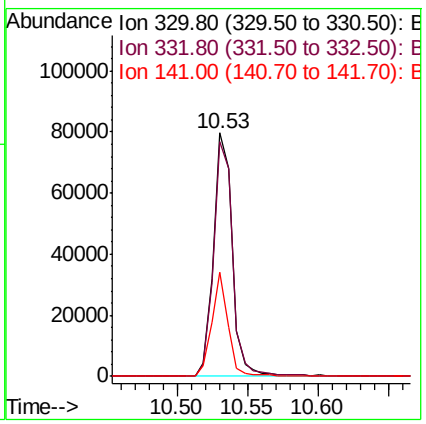


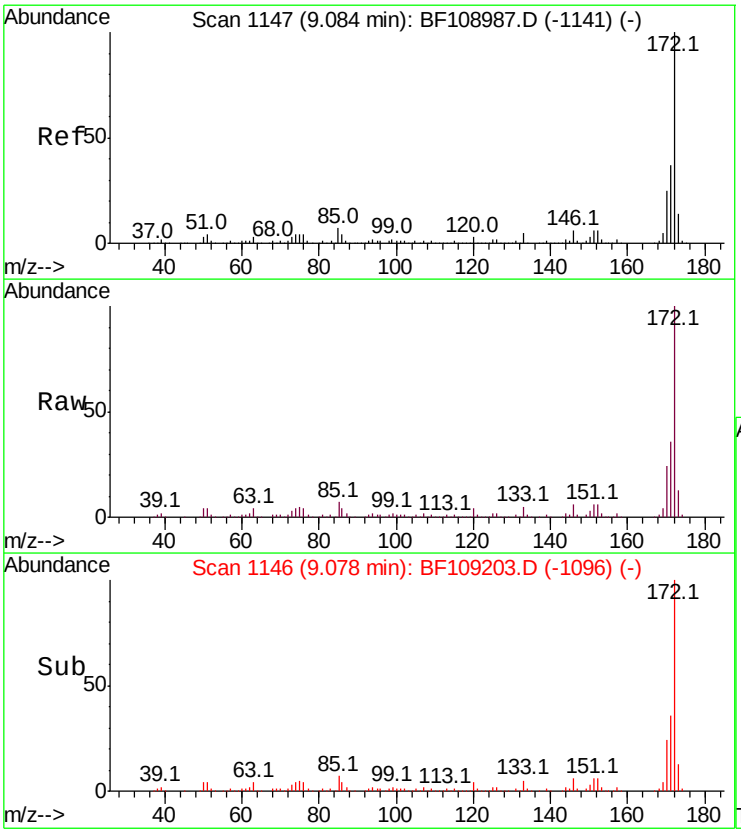
#41
2,4,6-Tribromophenol
Concen: 64.588 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 73901

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	36.9	29.9	44.9

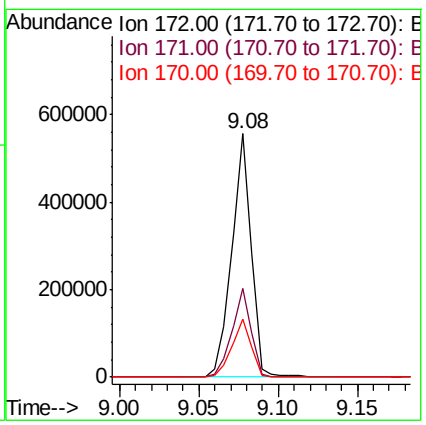


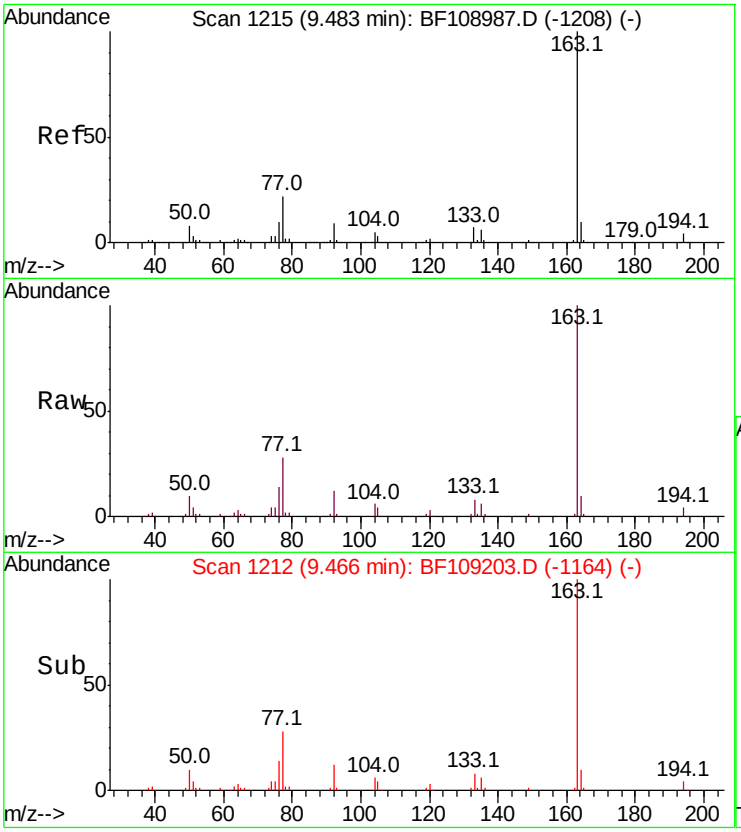


#44
2-Fluorobiphenyl
Concen: 70.397 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:172 Resp: 473722

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



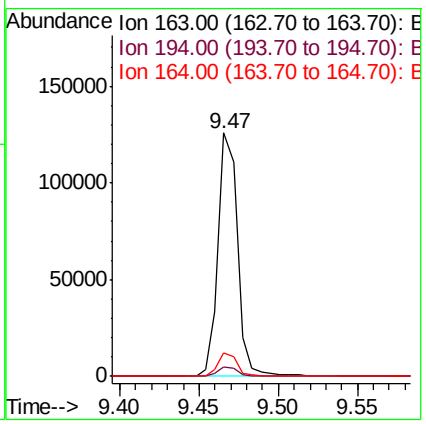


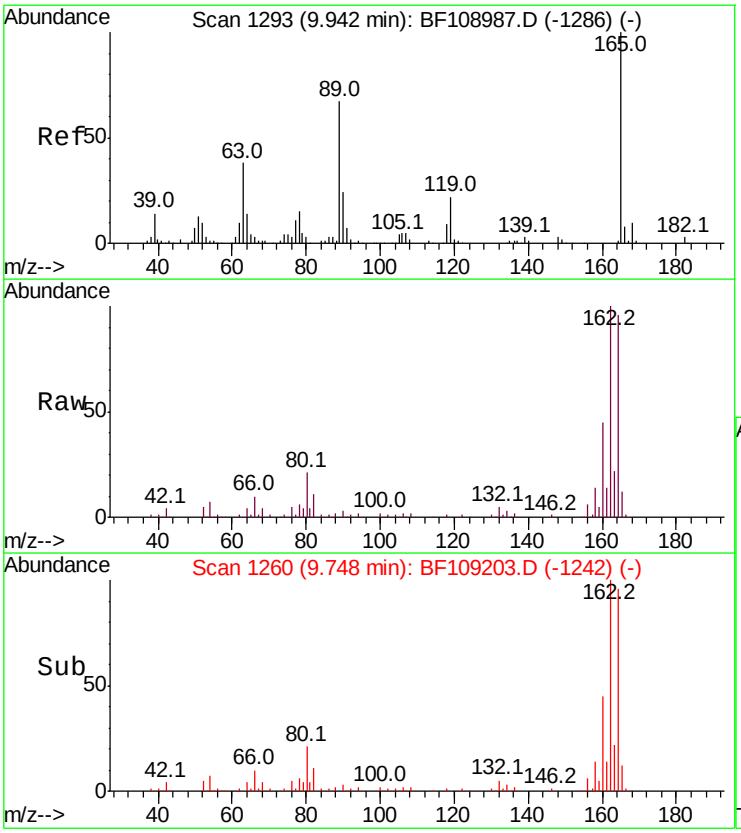
#49
Dimethylphthalate
Concen: 14.235 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 107266

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

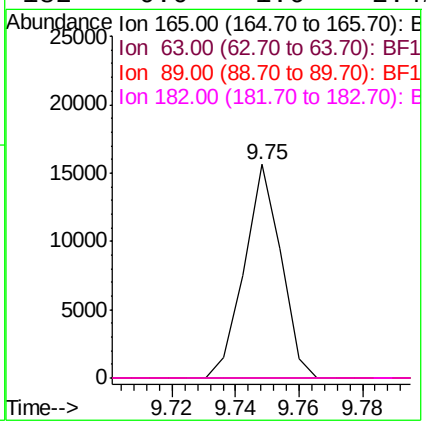


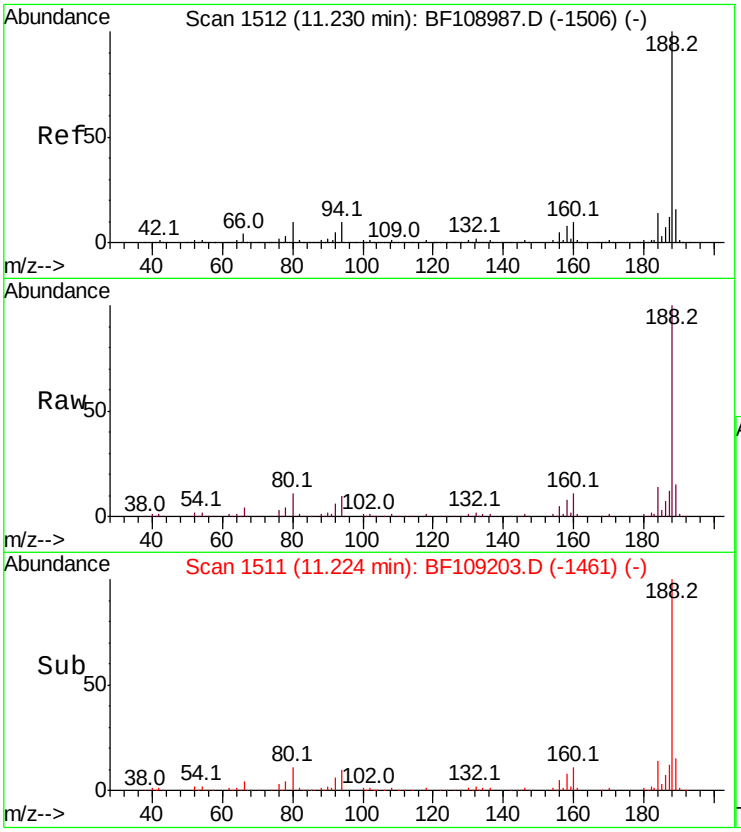


#56
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:165 Resp: 12549

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



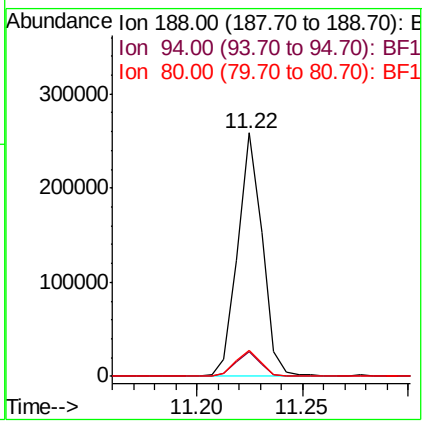


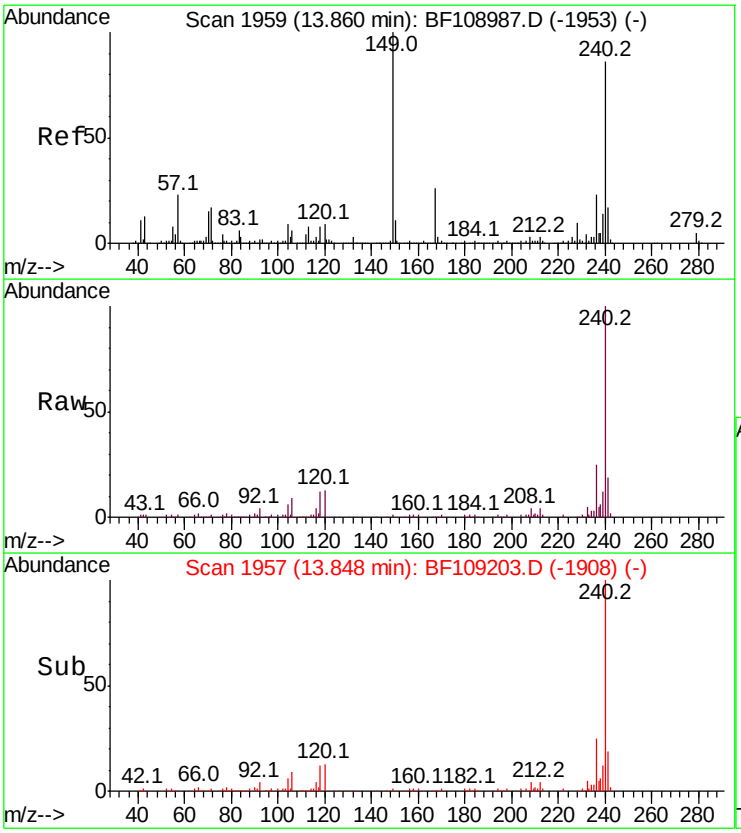
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 208836

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

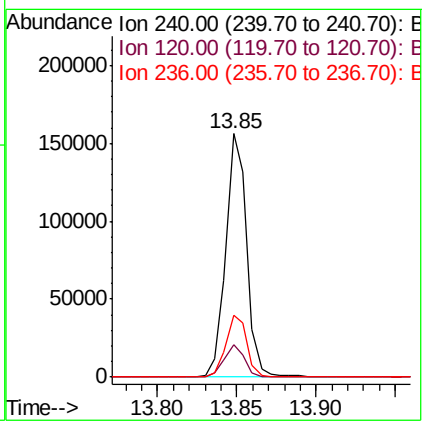


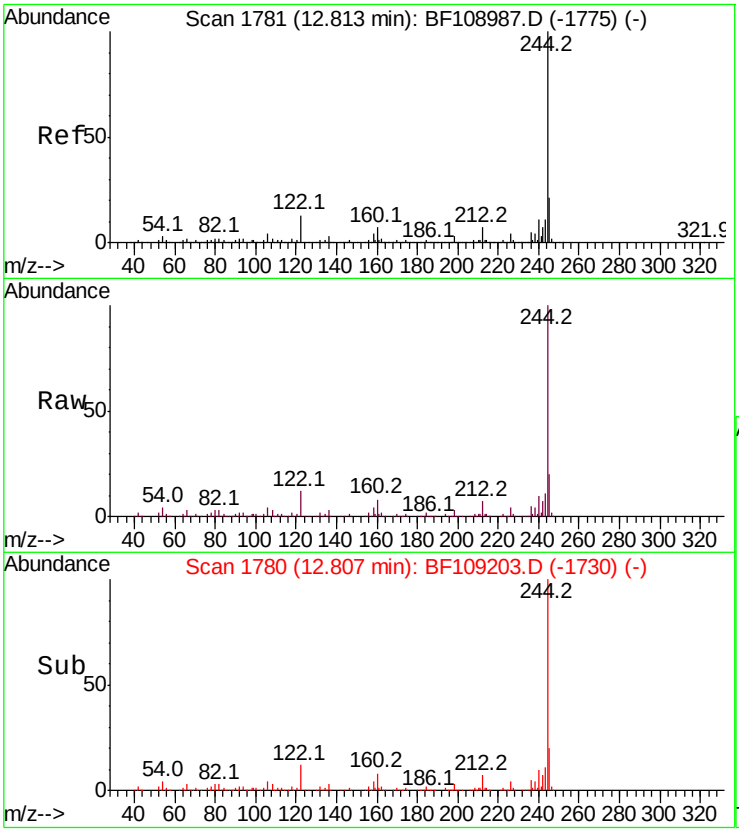


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:240 Resp: 142419

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.4	20.7	31.1



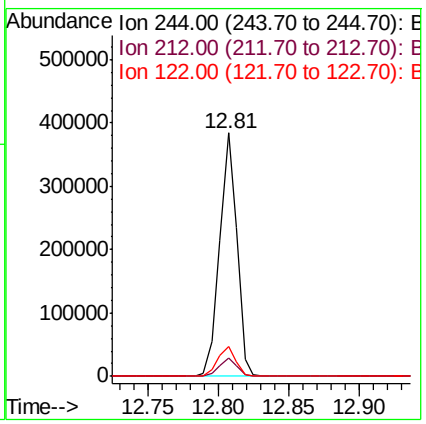


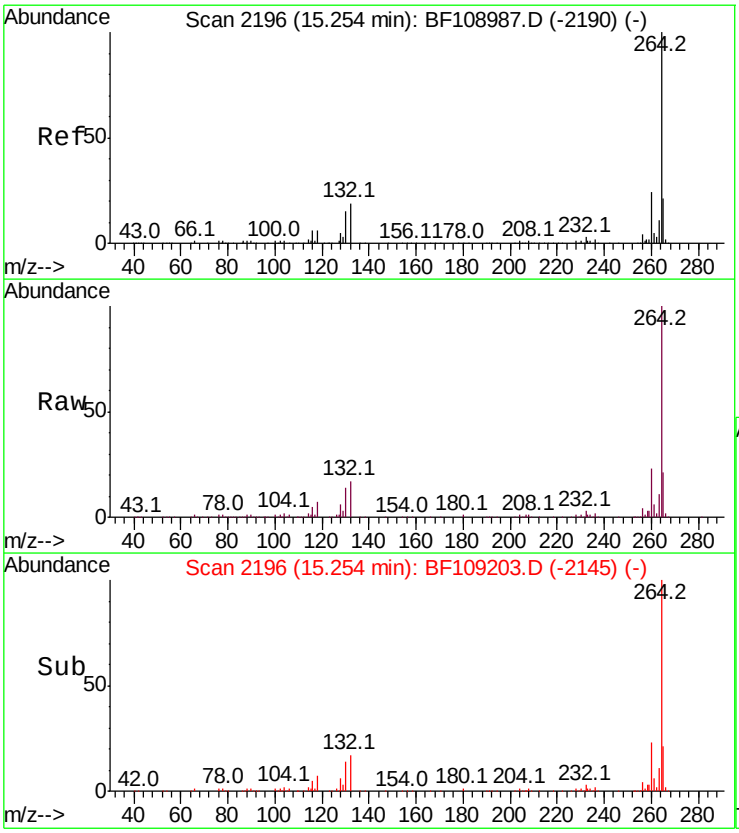
#78
Terphenyl-d14
Concen: 54.724 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109203.D
Acq: 21 Sep 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 328810

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.4	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: BF109203.D
Acq: 21 Sep 2018 00:53

Tgt Ion:264 Resp: 217410

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3