Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109072.D
Acq On : 18 Sep 2018 3:05
Operator : JU/SJ
Sample : J4936-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 132-1-VOLT

Quant Time: Sep 18 05:20:36 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	116516	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	381055	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160909	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	316466	20.00	ng	0.00
75) Chrysene-d12	13.85	240	326869	20.00	ng	0.00
86) Perylene-d12	15.25	264	232395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	739928	105.47	ng	0.00
7) Phenol-d6	6.36	99	917921	101.47	ng	0.00
23) Nitrobenzene-d5	7.28	82	565784	83.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	204118	116.89	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	924813	90.05	ng	0.00
78) Terphenyl-d14	12.81	244	1028003	74.54	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	77410	12.946	ng	# 77
25) Isophorone	7.28	82	561152	48.050	ng	# 64
49) Dimethylphthalate	9.47	163	80863	7.031	ng	100
56) 2,4-Dinitrotoluene	9.75	165	19819	5.942	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	12181	3.414	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
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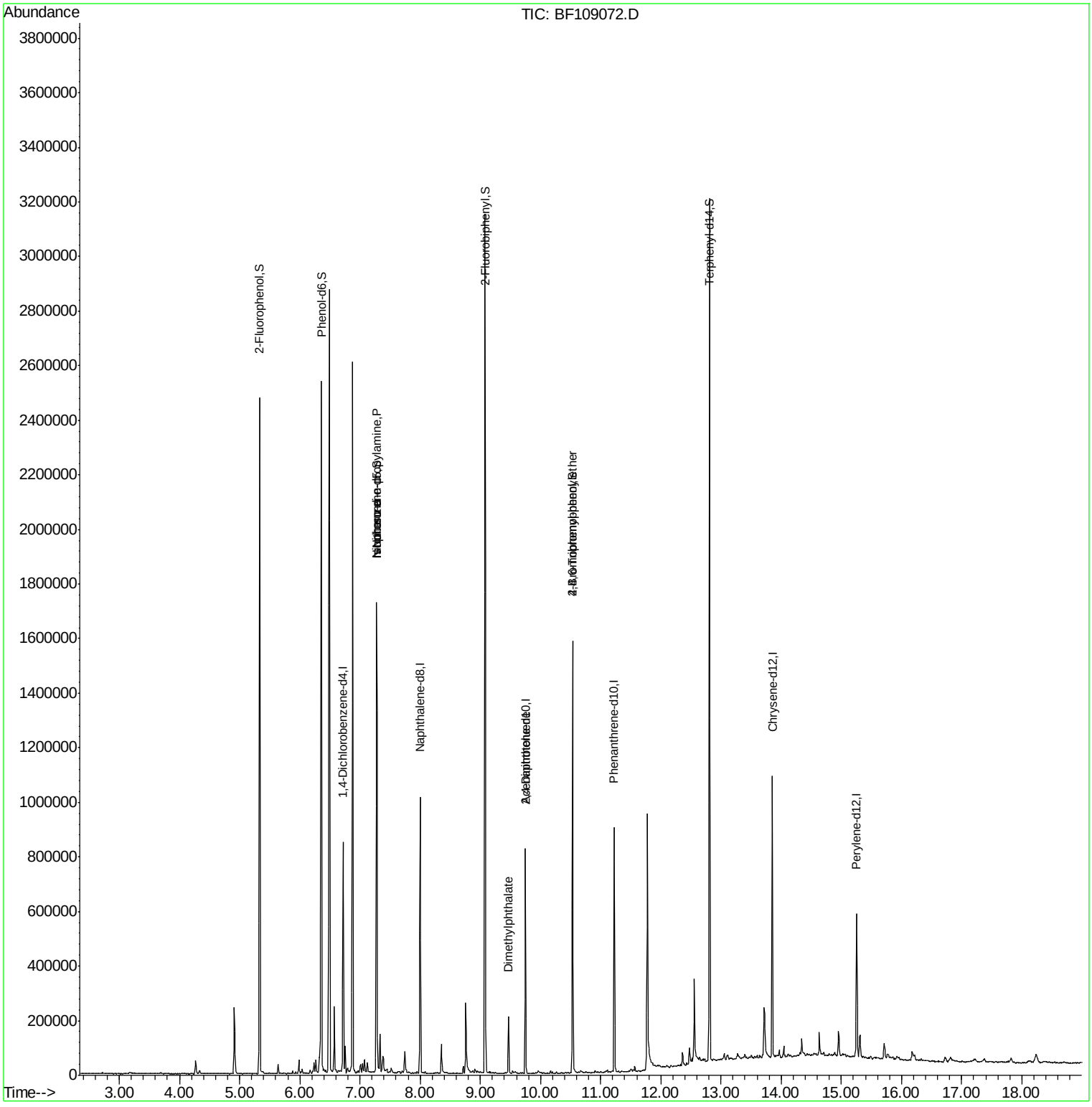
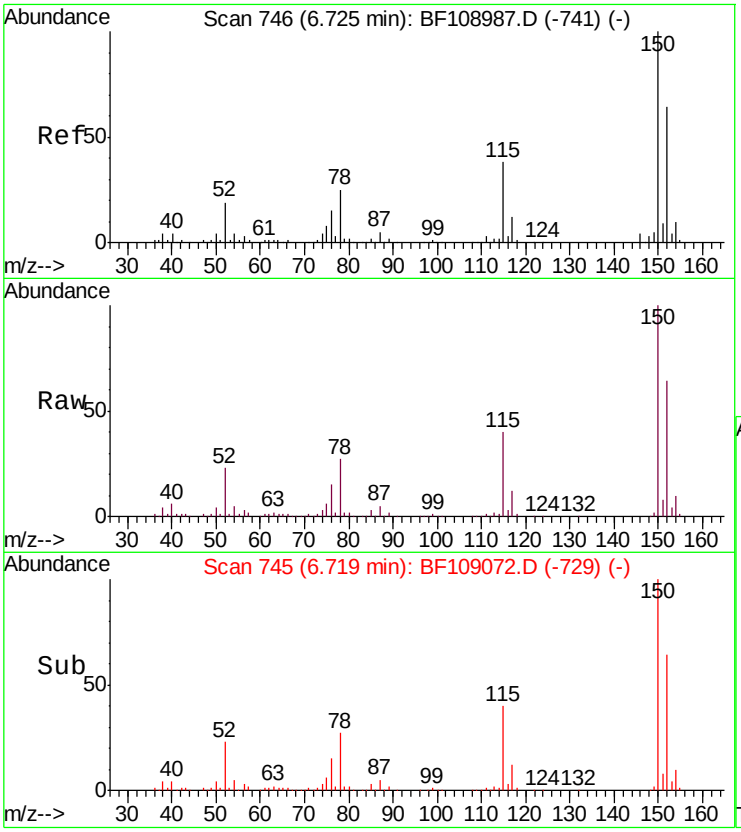


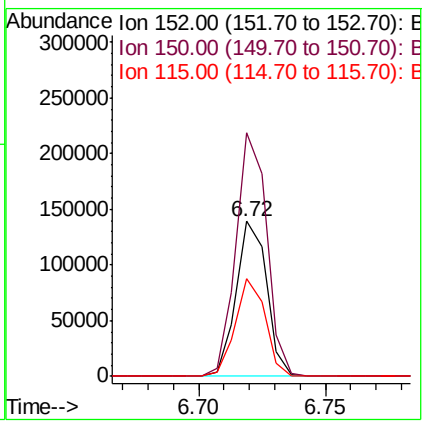


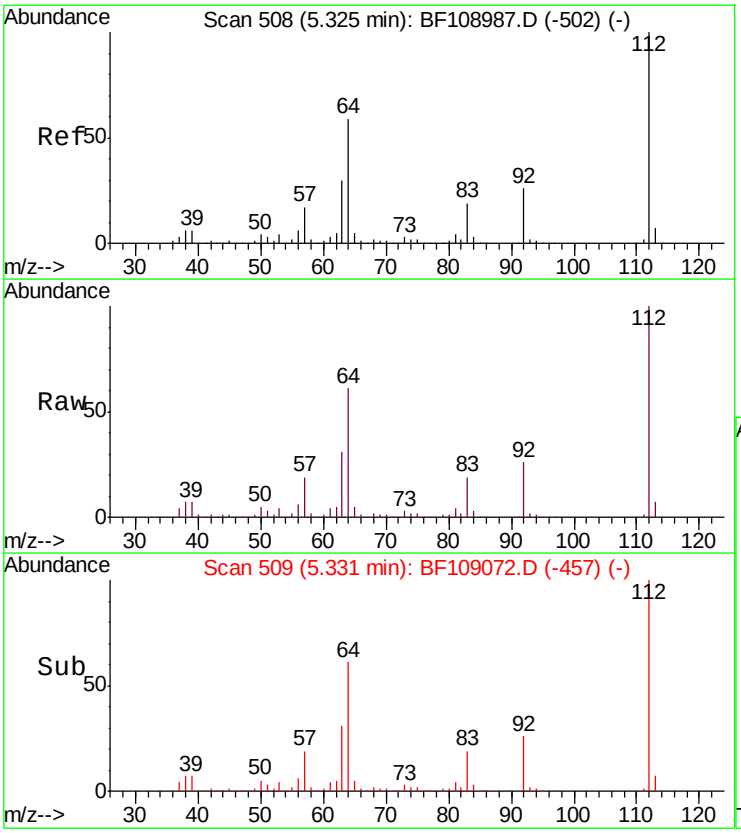
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:152 Resp: 116516

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.6	50.1	75.1

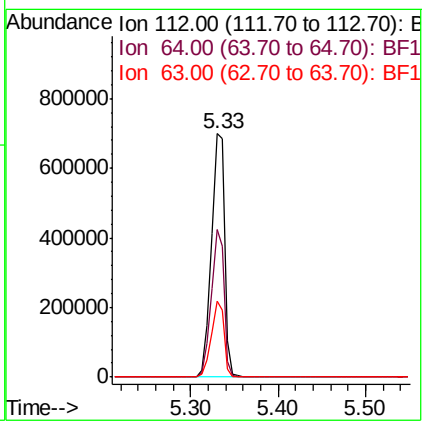


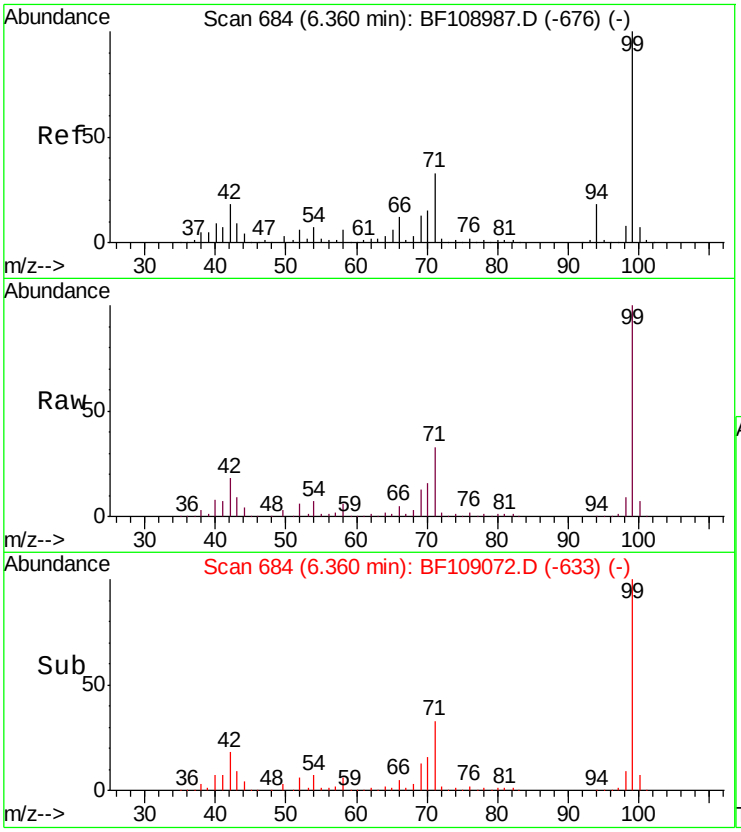


#5
2-Fluorophenol
Concen: 105.473 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:112 Resp: 739928

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.4	23.7	35.5



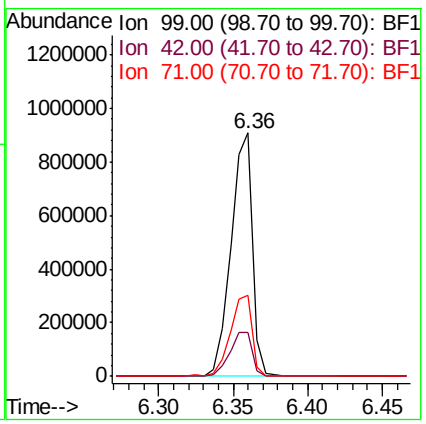


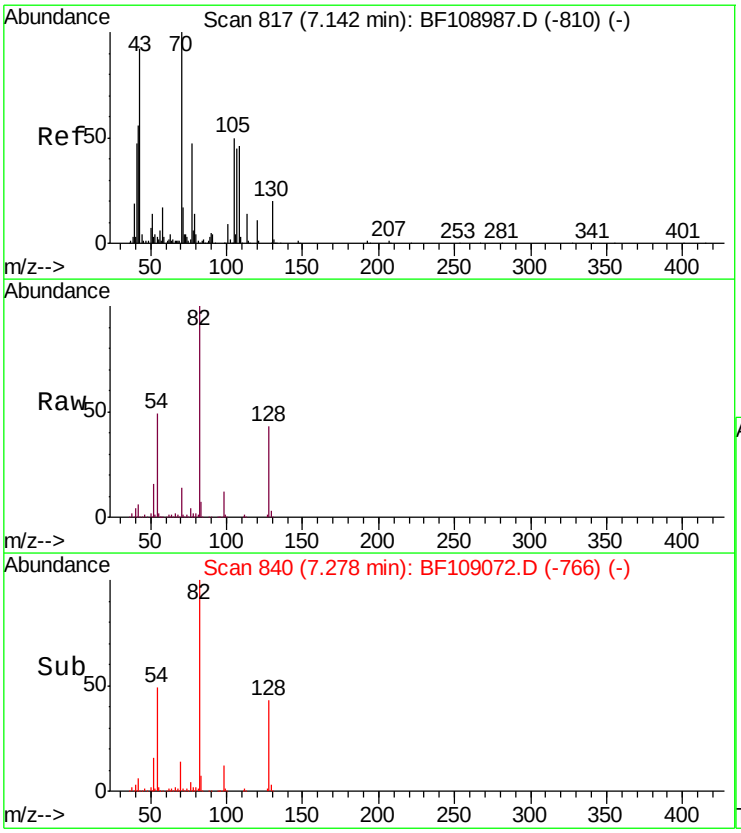
#7
Phenol-d6
Concen: 101.474 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion: 99 Resp: 917921

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	33.5	25.4	38.0

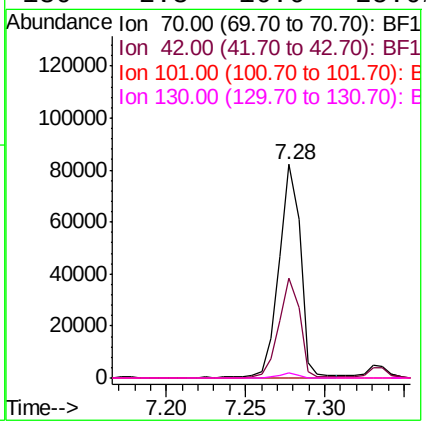


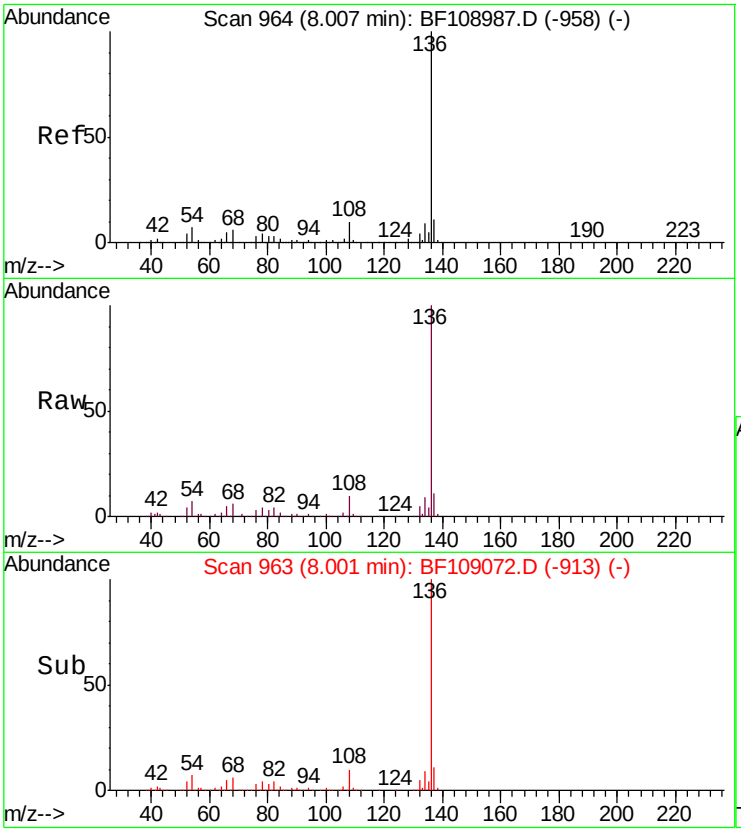


#19
n-Nitroso-di-n-propylamine
Concen: 12.946 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion: 70 Resp: 77410

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



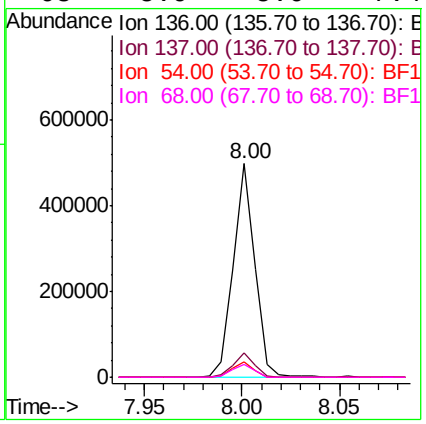


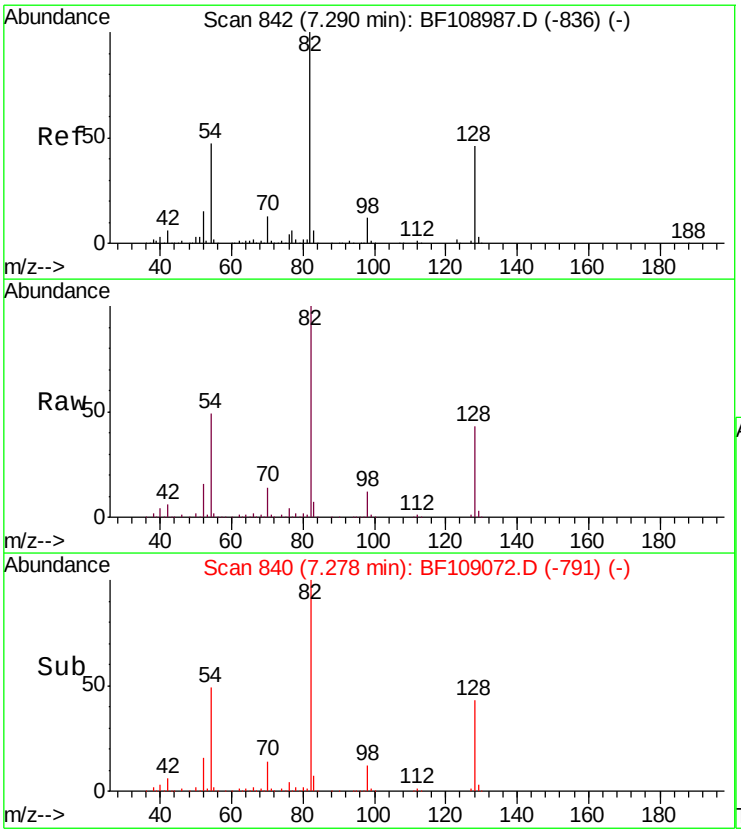
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:136 Resp: 381055

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

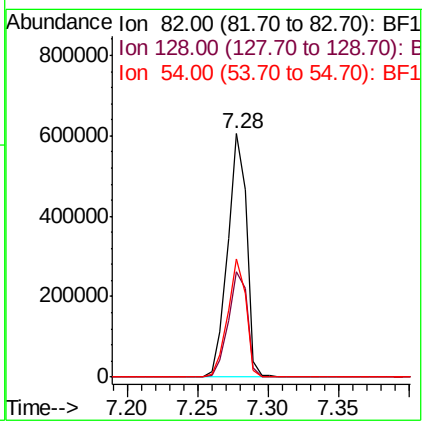


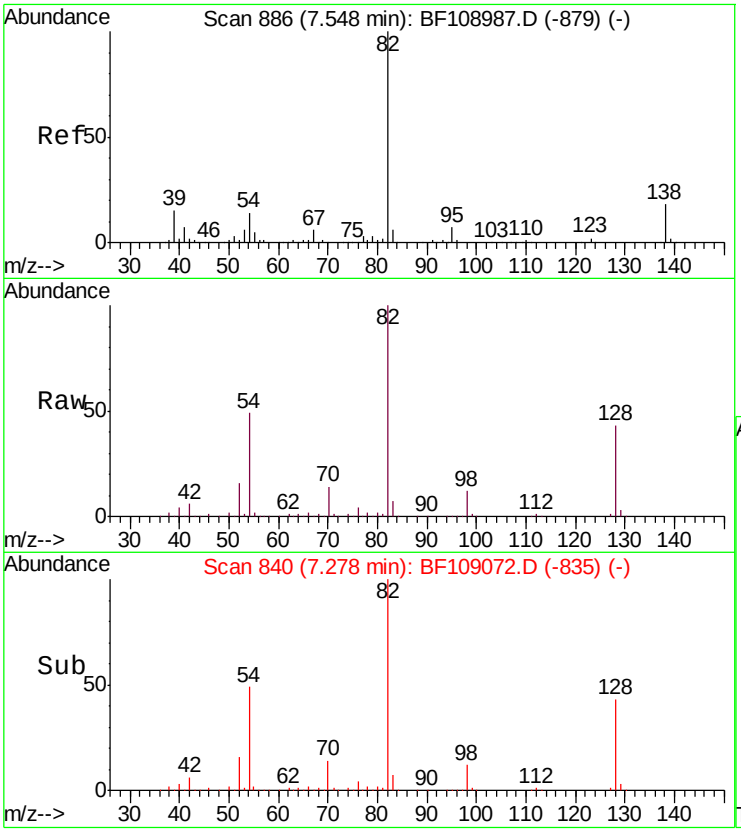


#23
Nitrobenzene-d5
Concen: 83.279 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion: 82 Resp: 565784

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.7	41.4	62.2



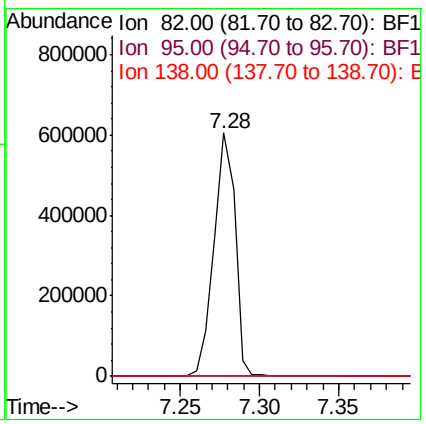


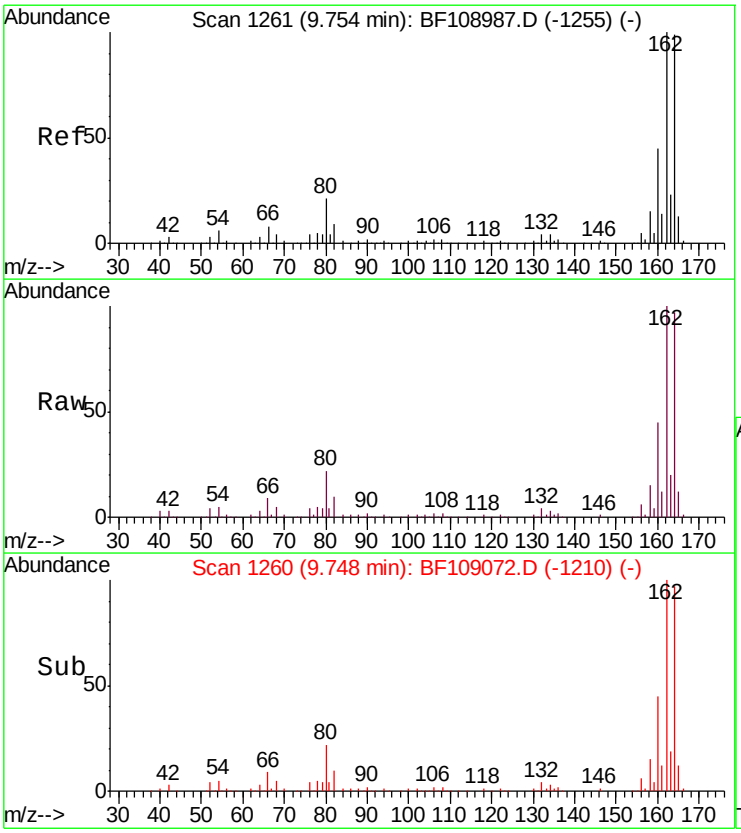
#25
Isophorone
Concen: 48.050 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion: 82 Resp: 561152

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

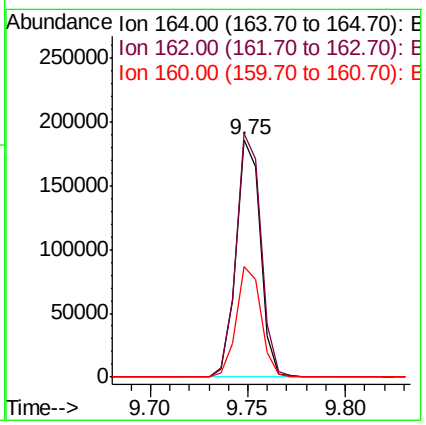


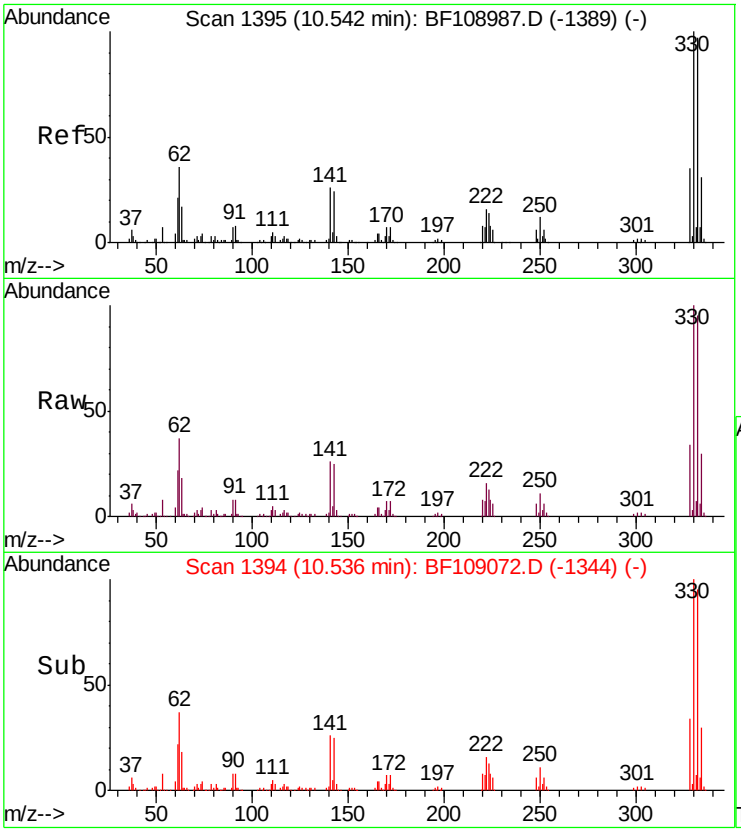


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:164 Resp: 160909

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.4	38.3	57.5



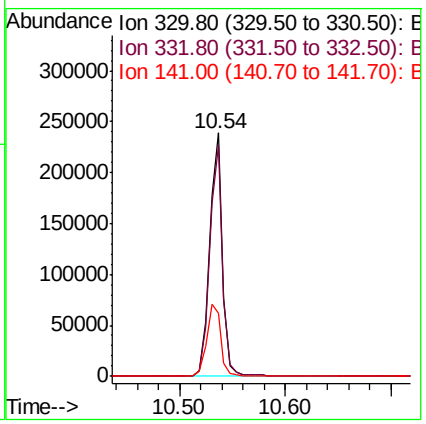


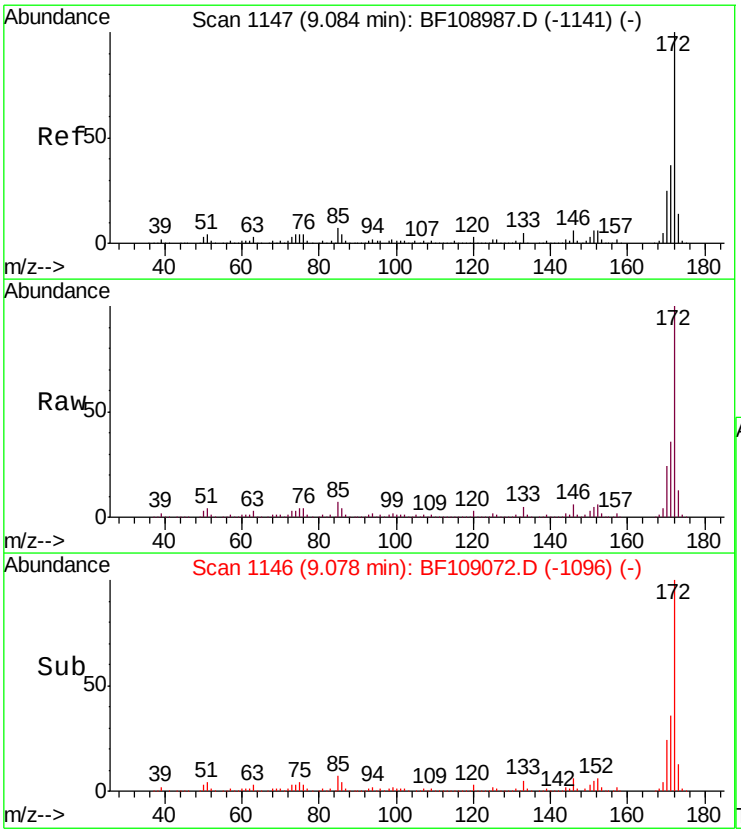
#41
2,4,6-Tribromophenol
Concen: 116.887 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:330 Resp: 204118

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.3	29.9	44.9

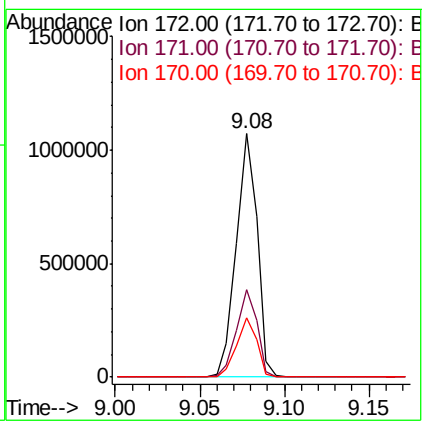


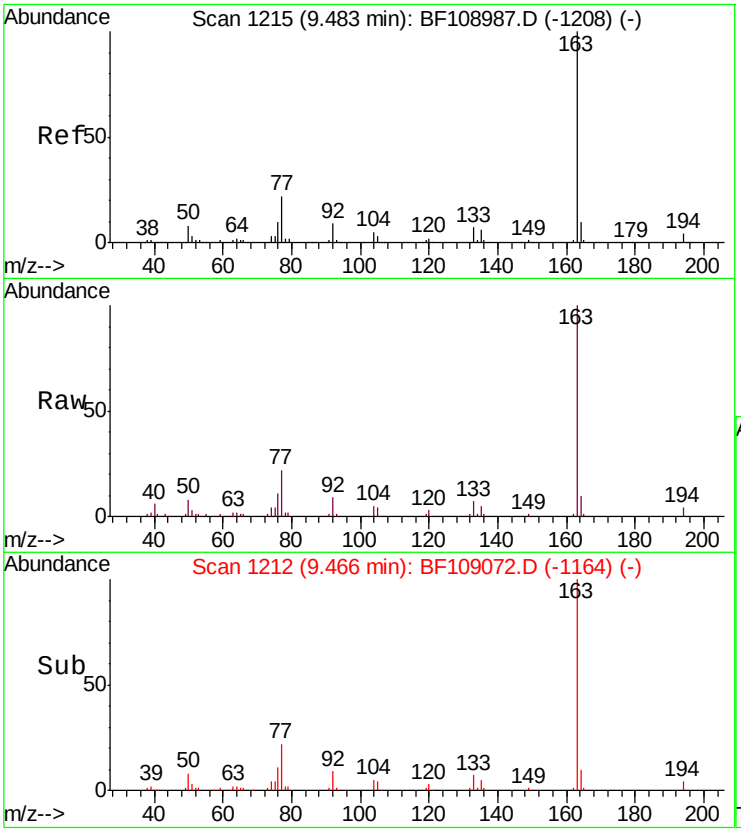


#44
2-Fluorobiphenyl
Concen: 90.047 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:172 Resp: 924813

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4



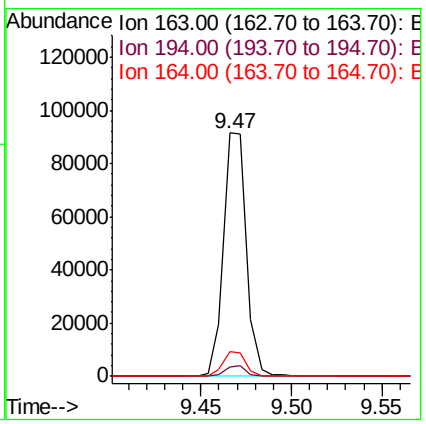


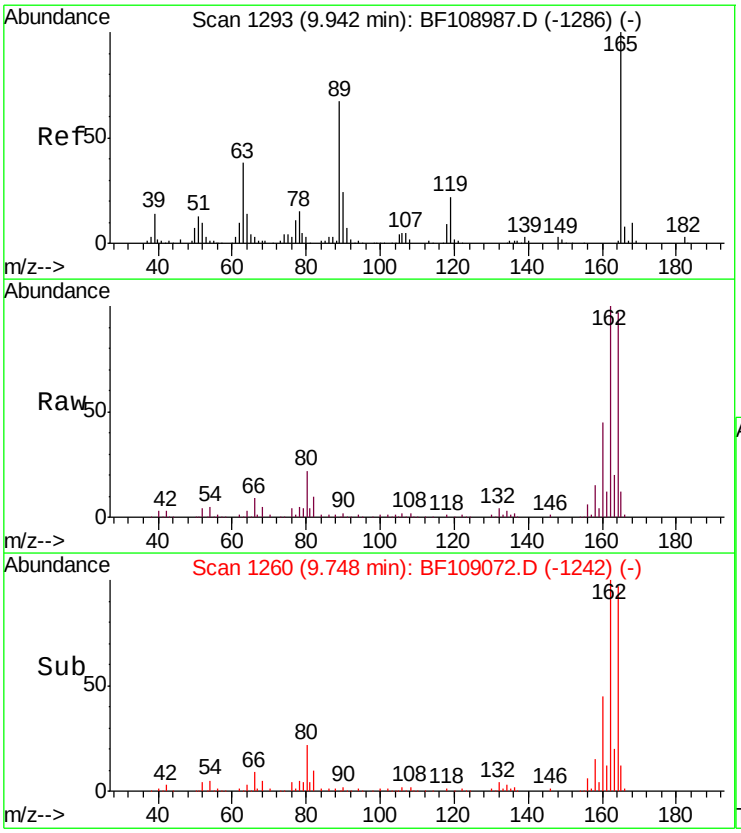
#49
Dimethylphthalate
Concen: 7.031 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:163 Resp: 80863

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

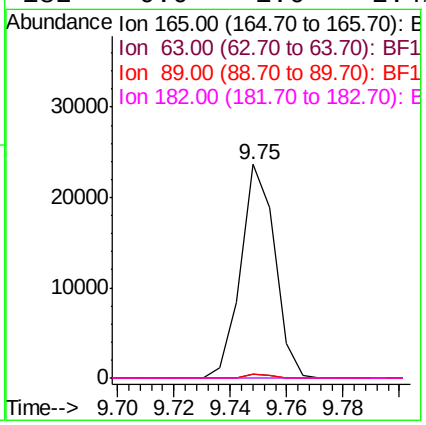


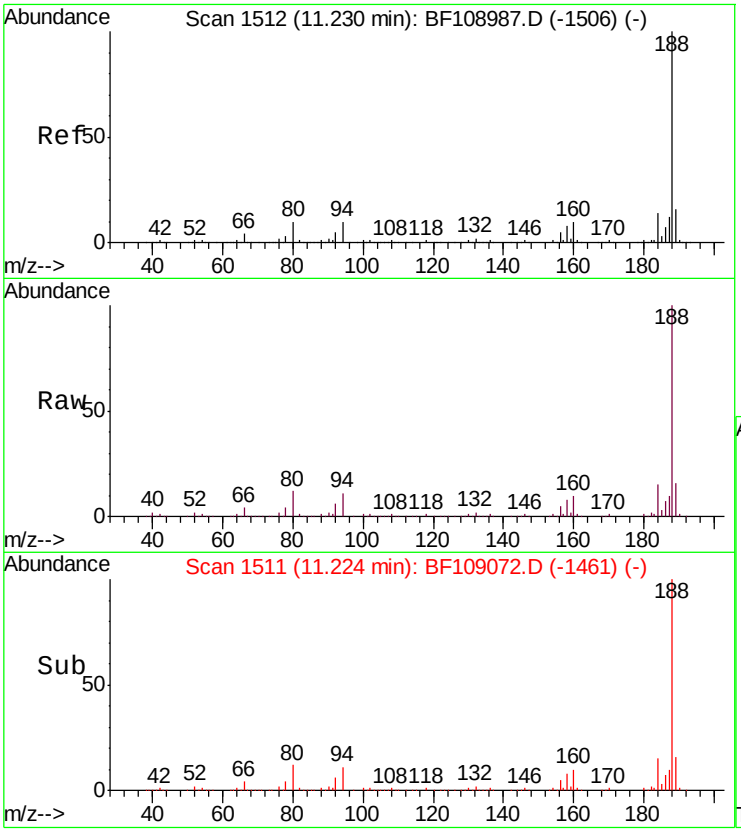


#56
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:165 Resp: 19819

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



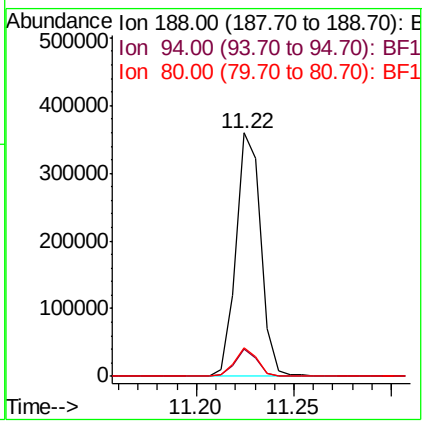


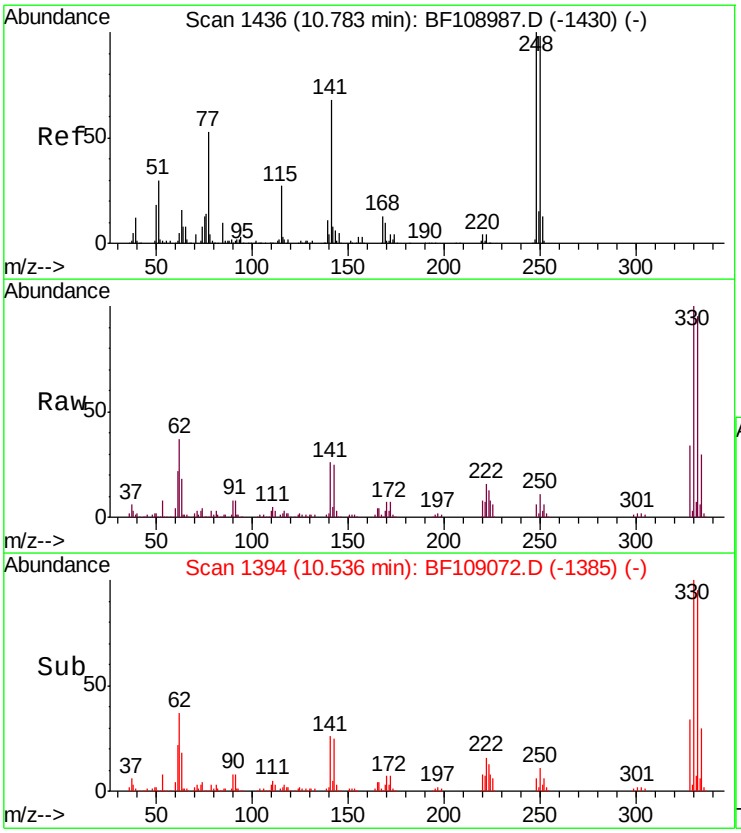
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:188 Resp: 316466

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

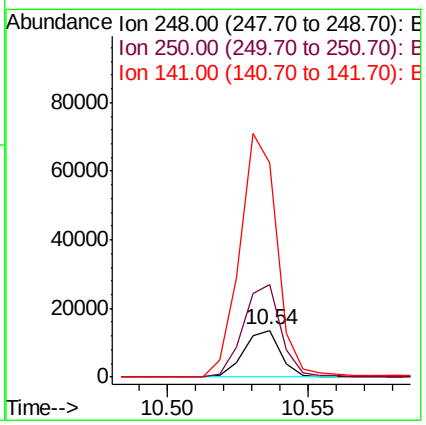


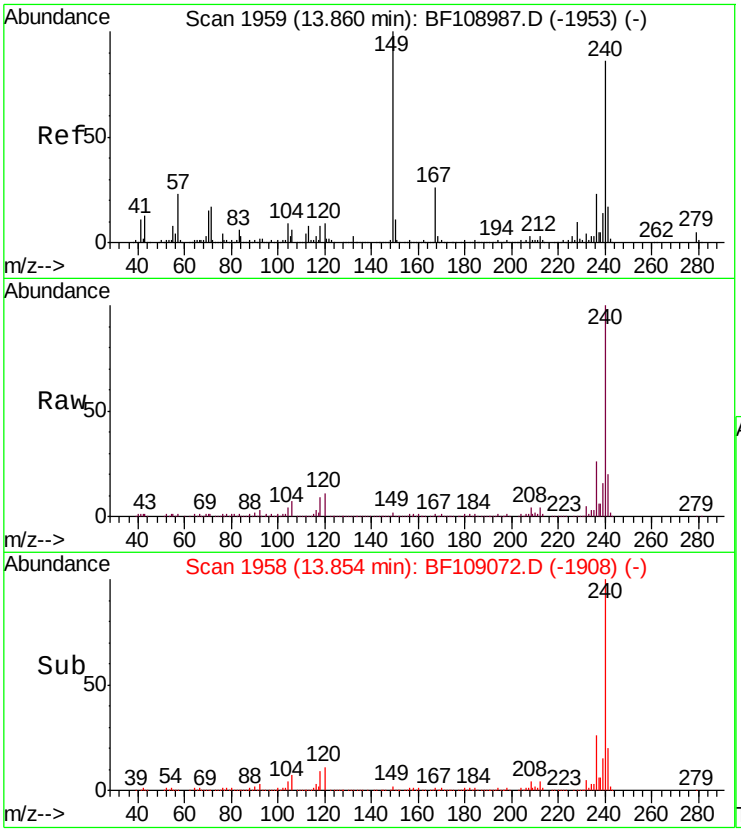


#66
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:248 Resp: 12181

Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.9	115.3#
141	460.1	74.4	111.6#



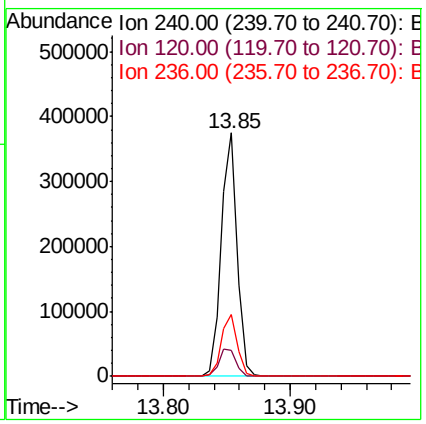


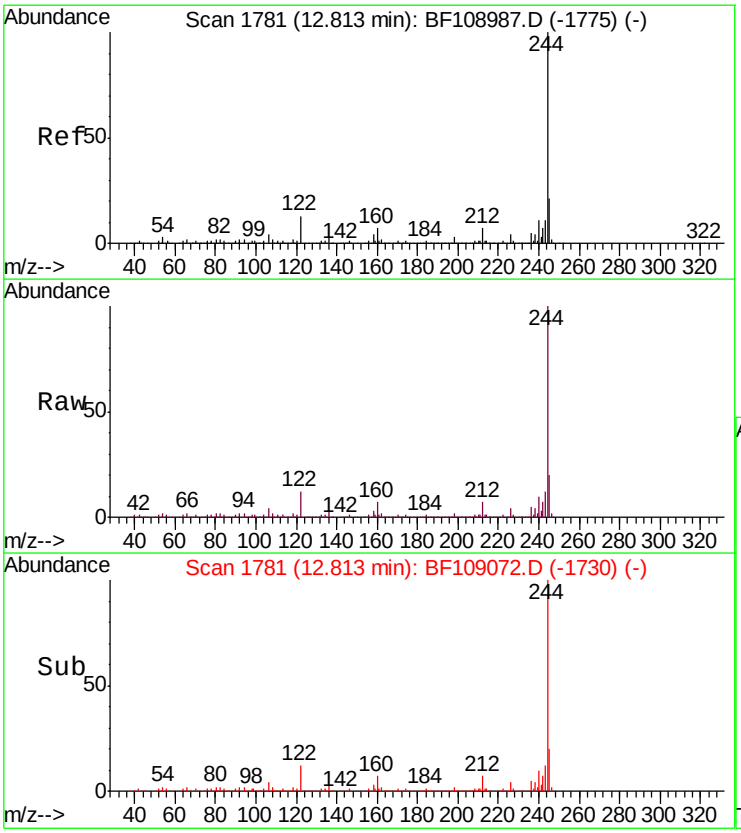
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:240 Resp: 326869

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.6	20.7	31.1

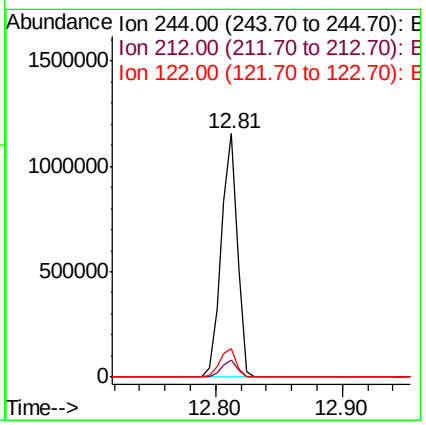


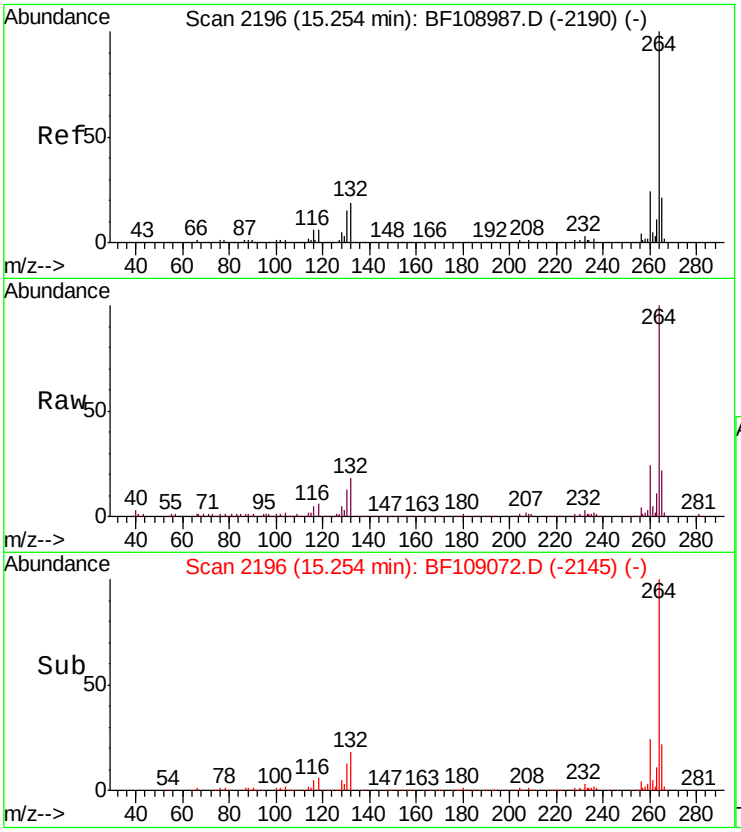


#78
Terphenyl-d14
Concen: 74.545 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:244 Resp: 1028003

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	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: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:264 Resp: 232395

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3