Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
Data File : BF099168.D
Acq On : 7 Oct 2017 00:55
Operator : SJ/JU
Sample : I5585-11RE 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 07 01:43:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116741	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	477608	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215433	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	360187	20.00	ng	0.00
75) Chrysene-d12	14.02	240	186030	20.00	ng	-0.01
86) Perylene-d12	15.49	264	181926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60534	8.25	ng	0.00
7) Phenol-d6	6.48	99	73327	8.11	ng	-0.02
23) Nitrobenzene-d5	7.42	82	40564	5.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	11444	6.49	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	87017	6.74	ng	-0.01
78) Terphenyl-d14	12.96	244	61052	7.46	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.42	82	40564	2.63	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	26717	7.55	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26717	5.82	ng	# 23

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

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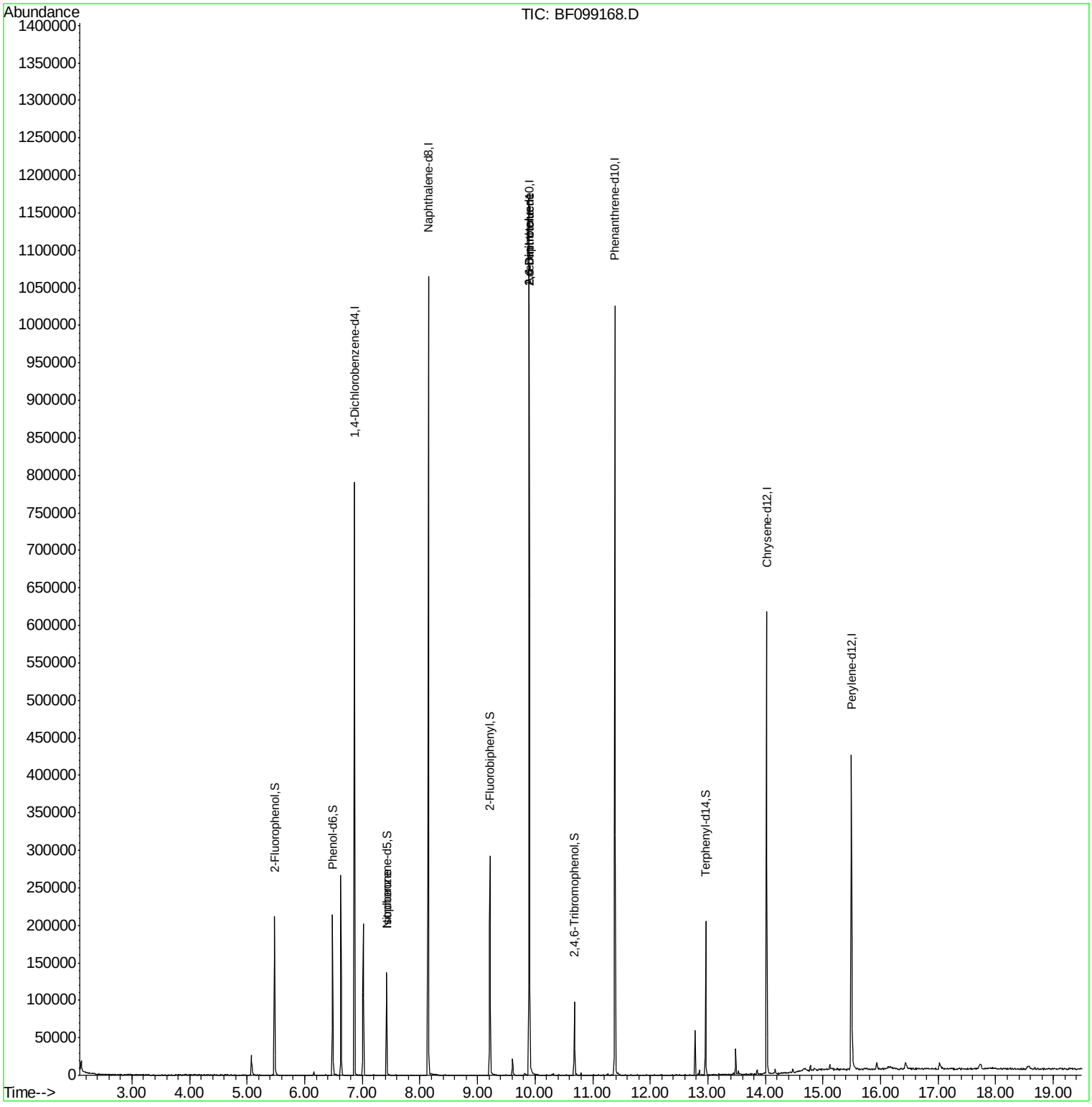
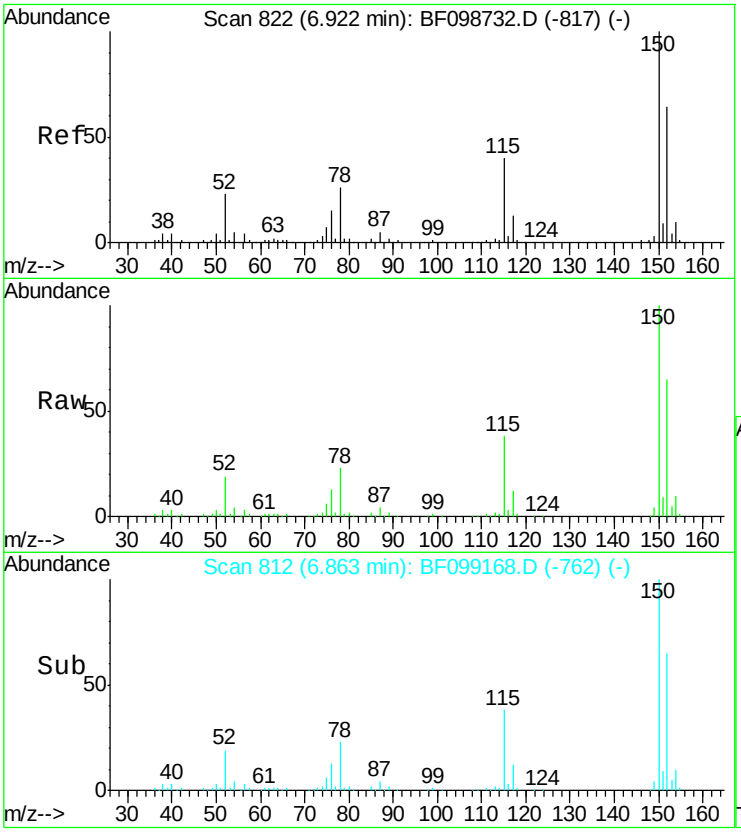


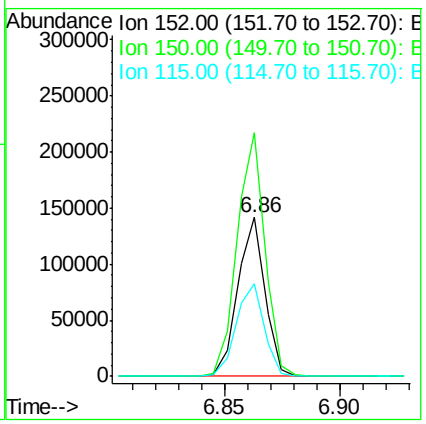


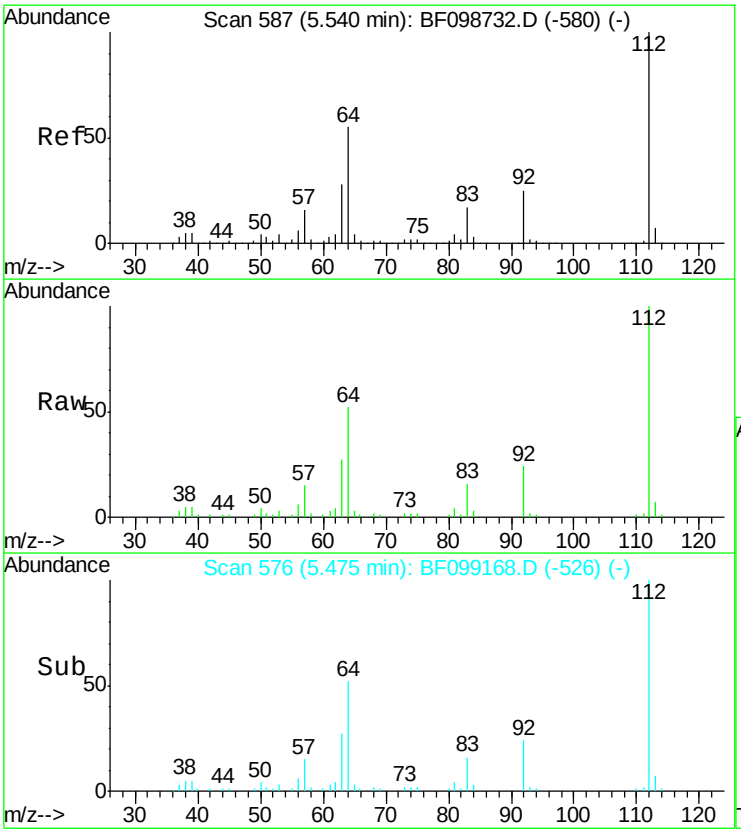
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116741

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	58.3	50.1	75.1

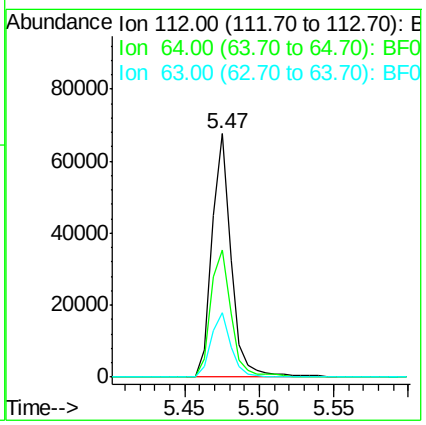


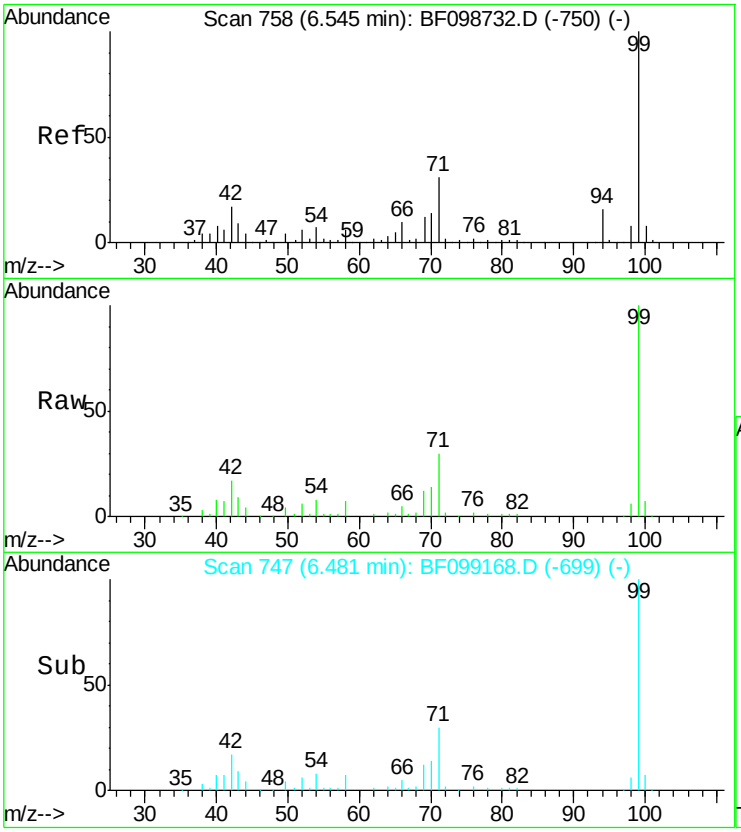


#5
2-Fluorophenol
Concen: 8.25 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:112 Resp: 60534

Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	26.6	23.7	35.5



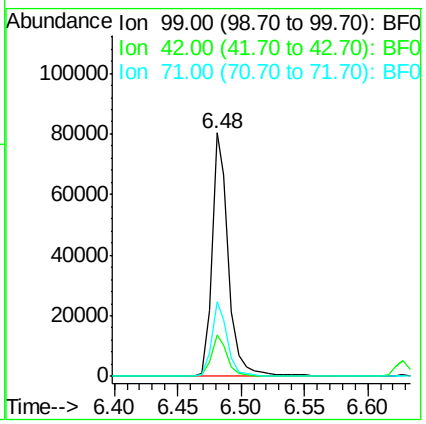


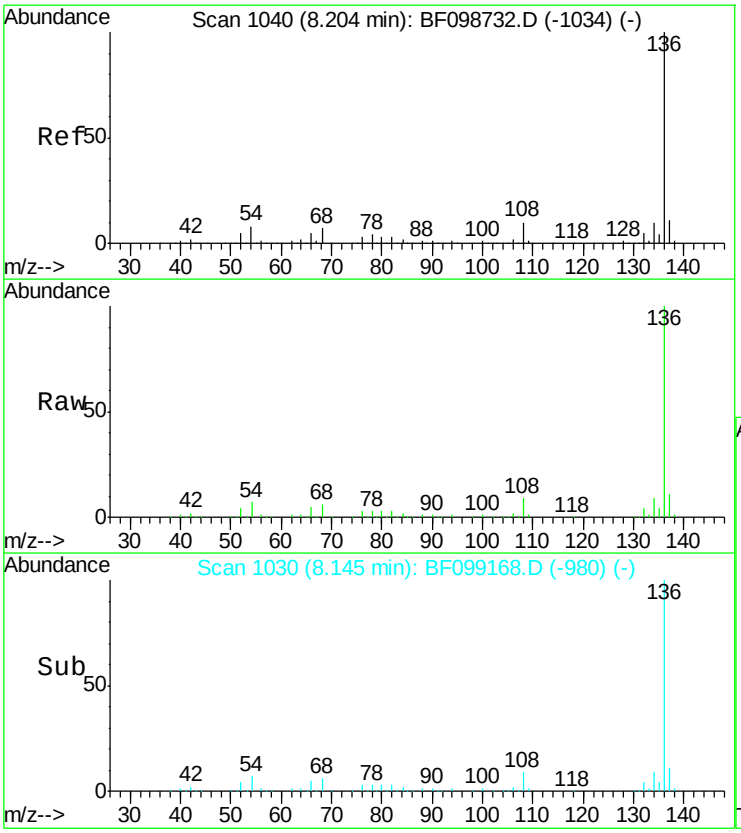
#7
Phenol-d6
Concen: 8.11 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 73327

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	30.5	25.4	38.0

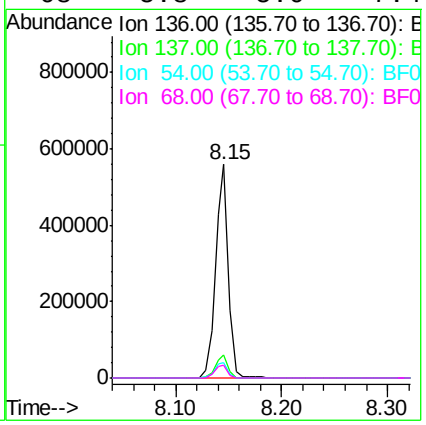


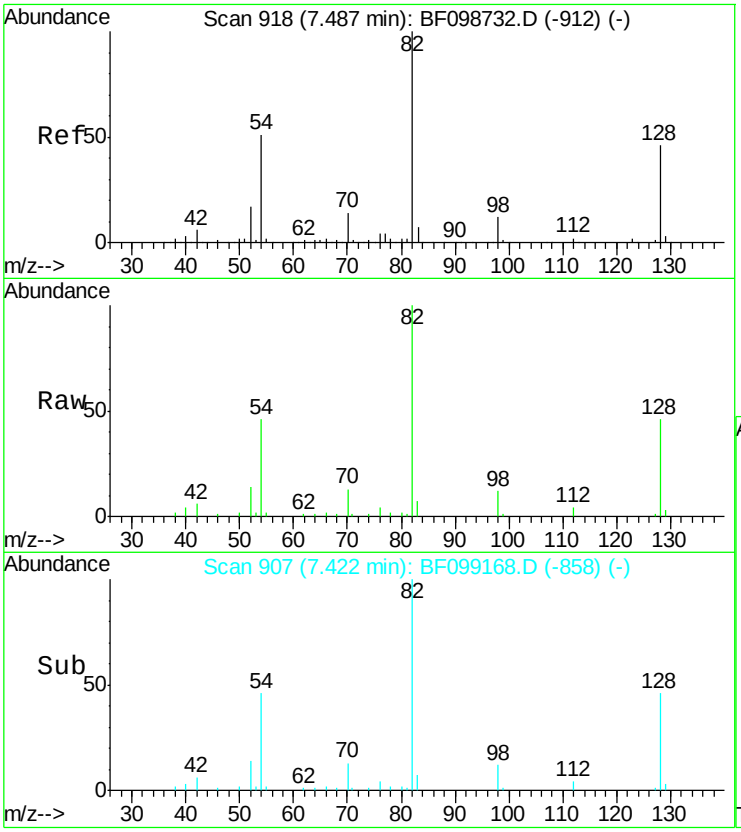


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:136 Resp: 477608

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4



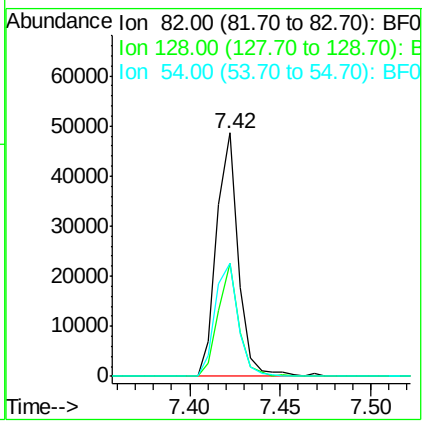


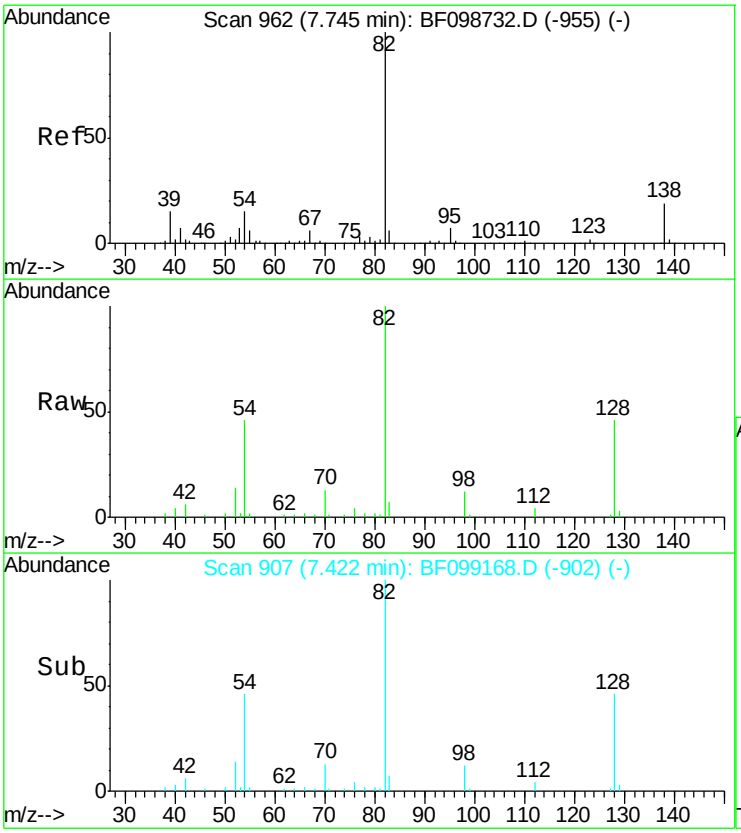
#23
Nitrobenzene-d5
Concen: 5.45 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 40564

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	46.5	41.4	62.2

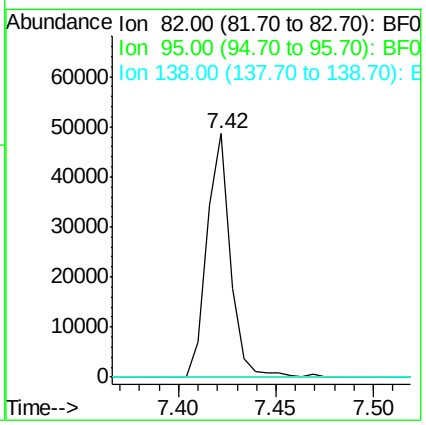


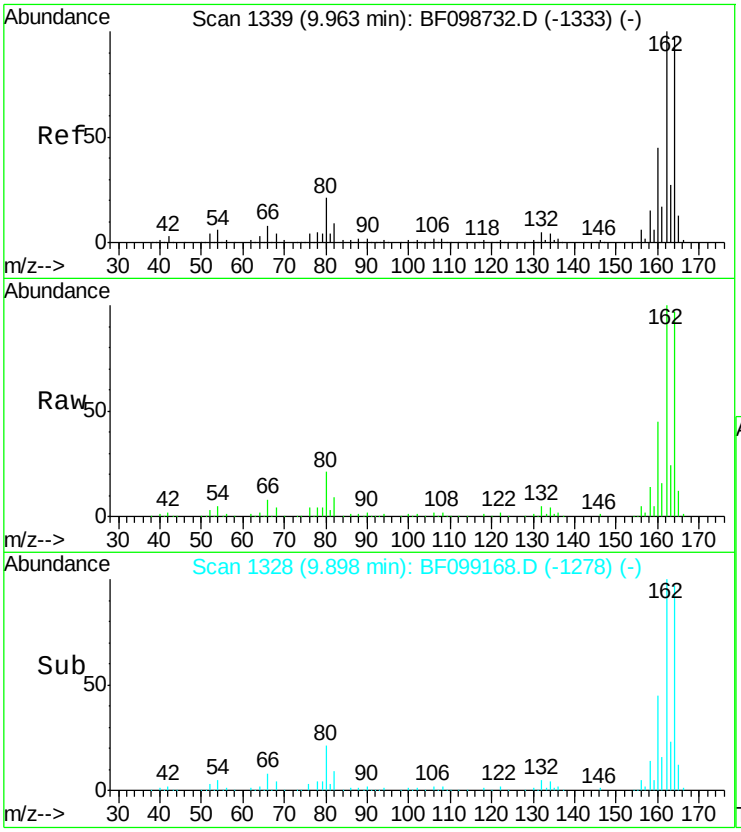


#25
Isophorone
Concen: 2.63 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion: 82 Resp: 40564

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



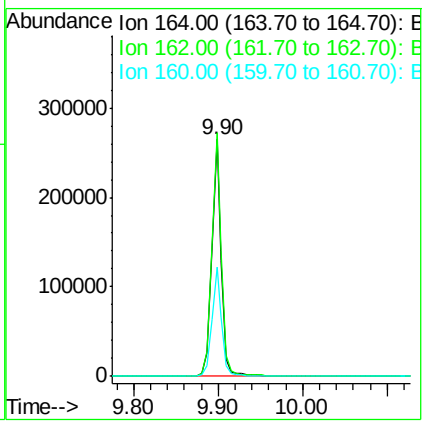


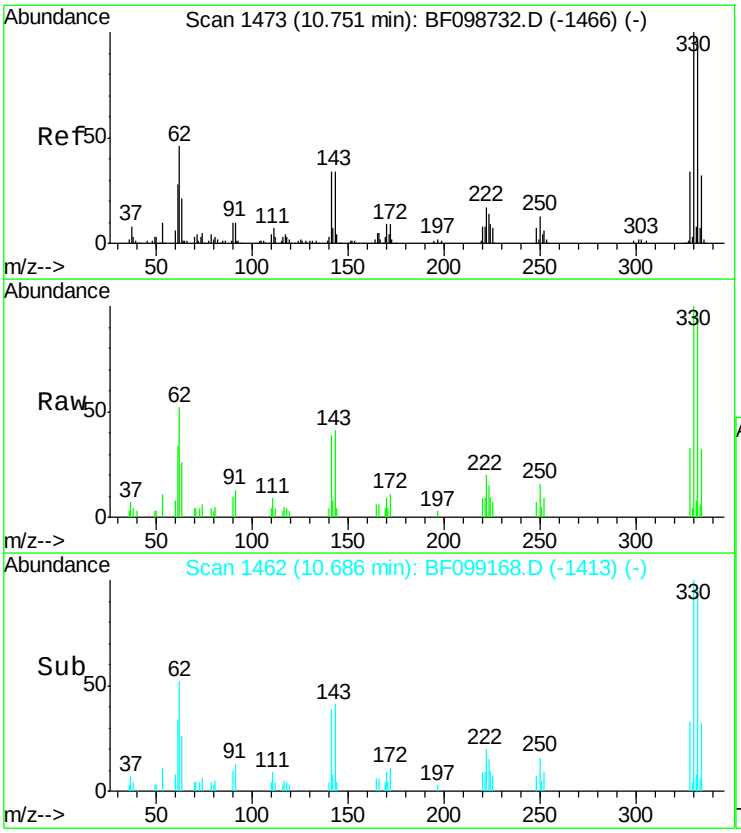
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 215433

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.0	38.3	57.5

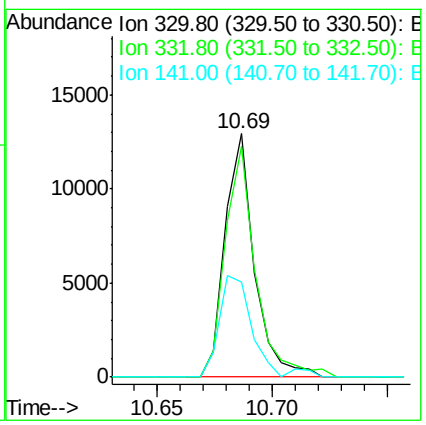


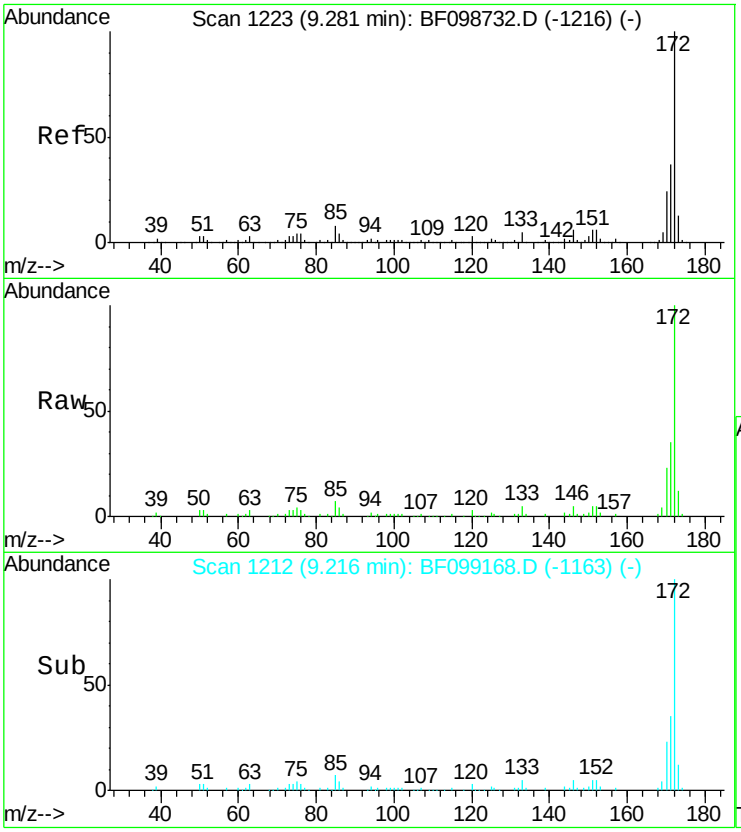


#41
2,4,6-Tribromophenol
Concen: 6.49 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:330 Resp: 11444

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	47.0	29.9	44.9#



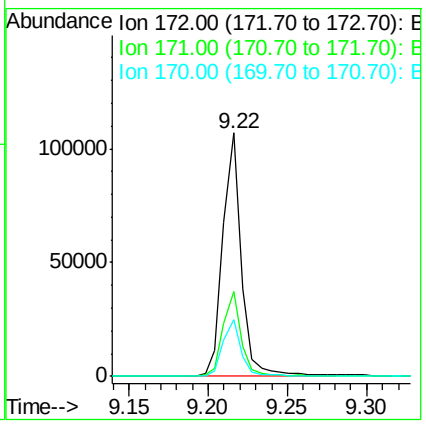


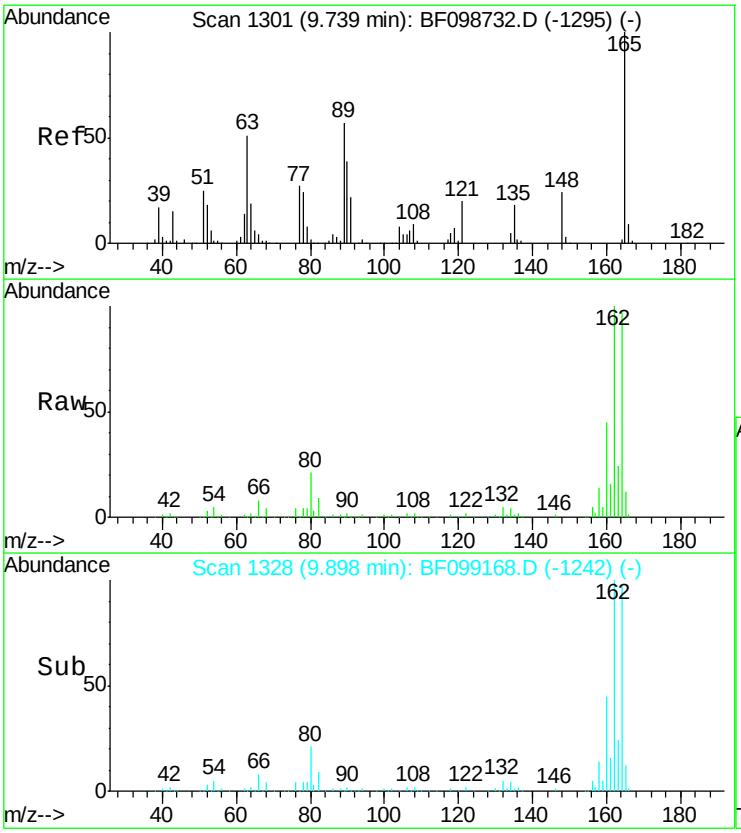
#44
2-Fluorobiphenyl
Concen: 6.74 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 87017

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.1	19.6	29.4

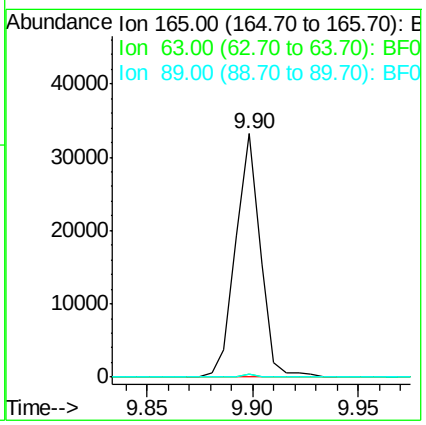


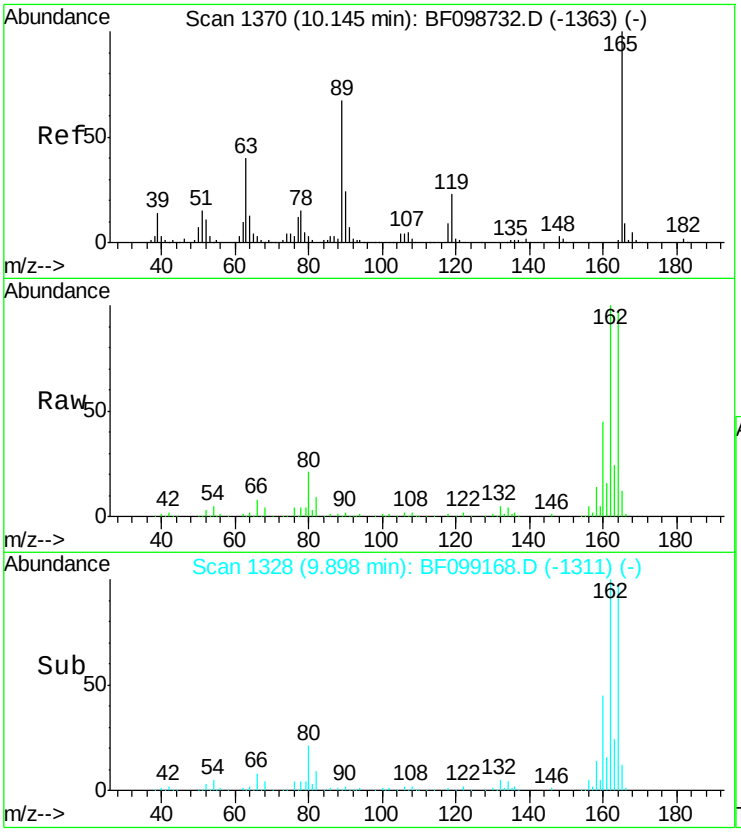


#50
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:165 Resp: 26717

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



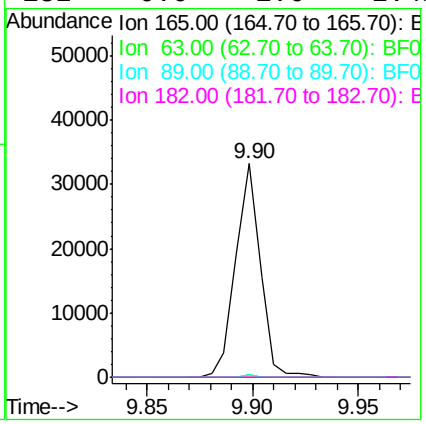


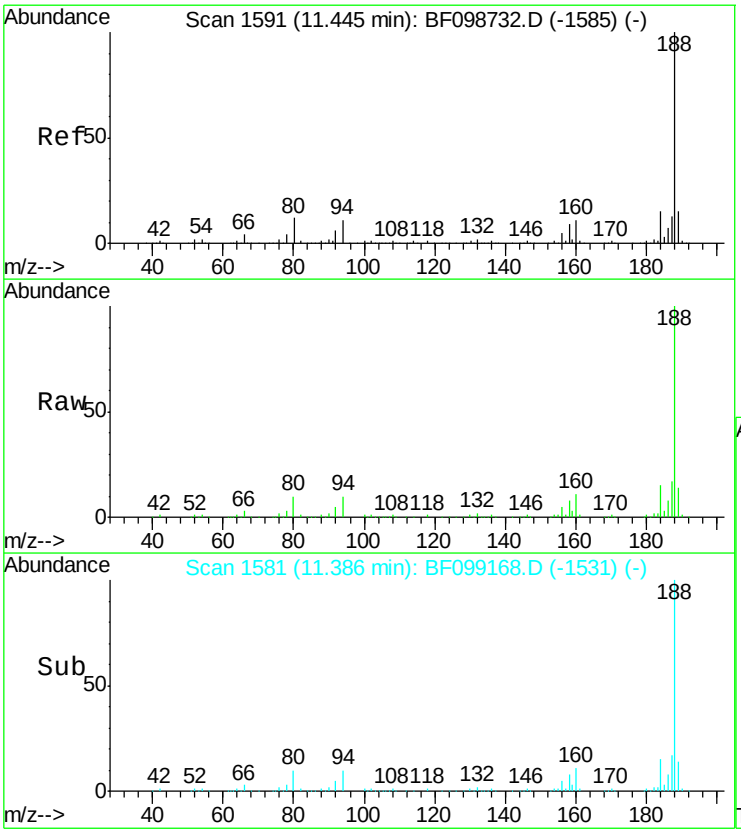
#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26717

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

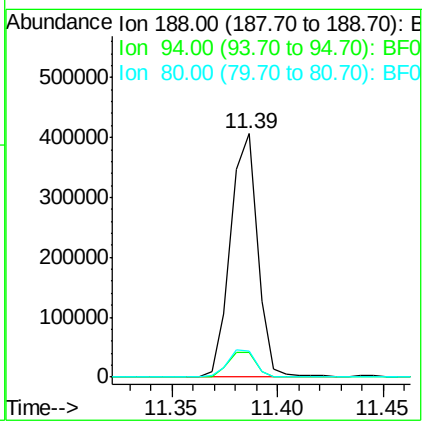


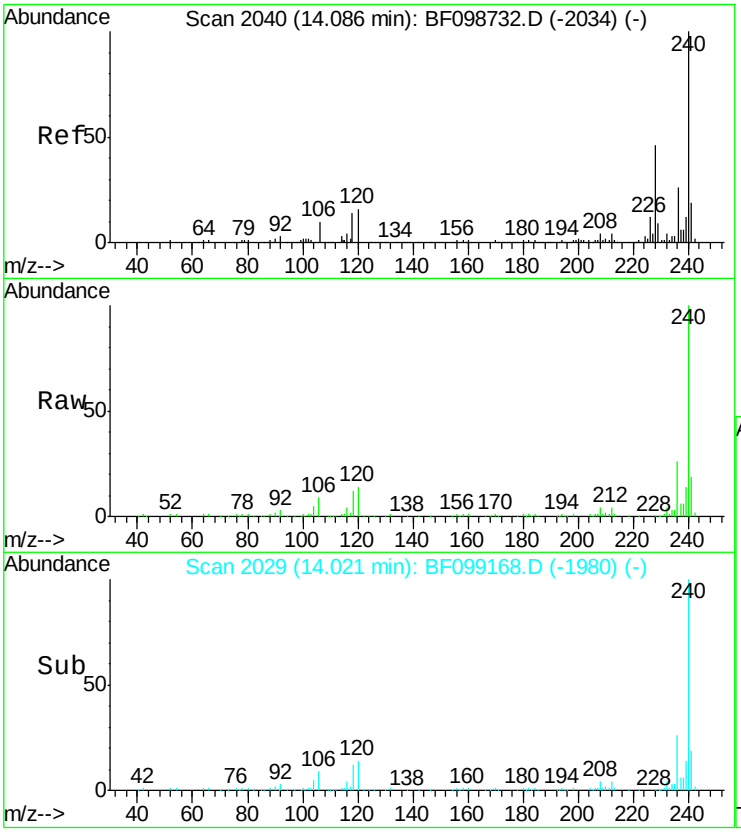


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:188 Resp: 360187

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8



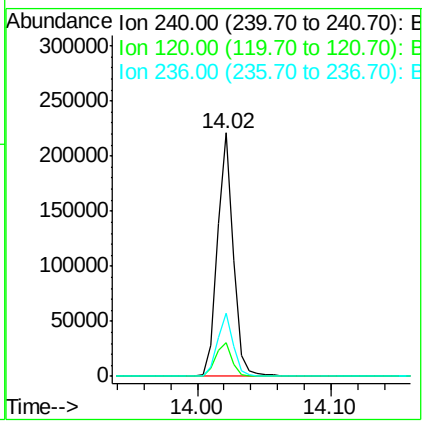


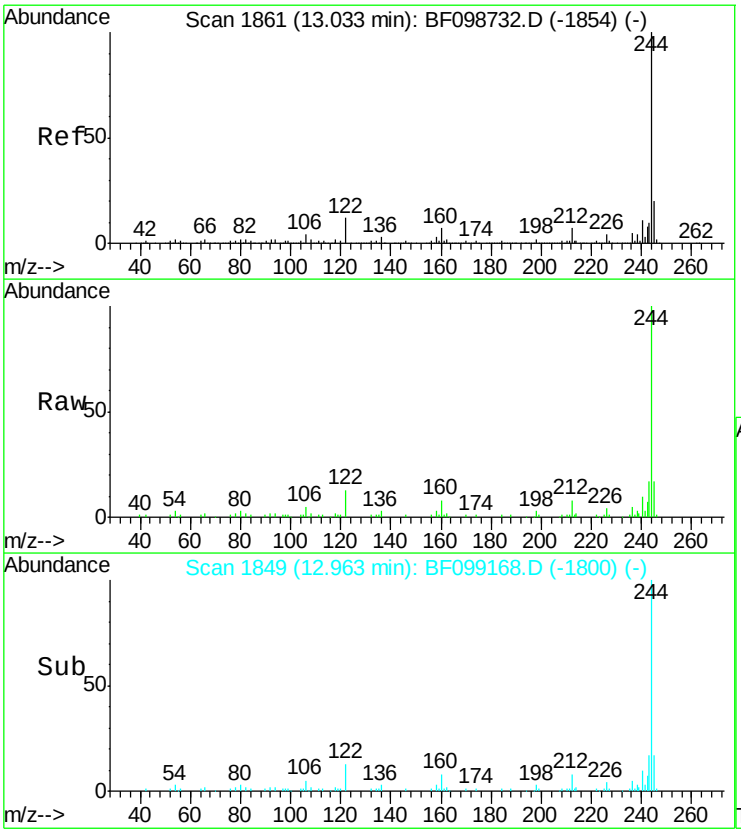
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 186030

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.8	20.7	31.1

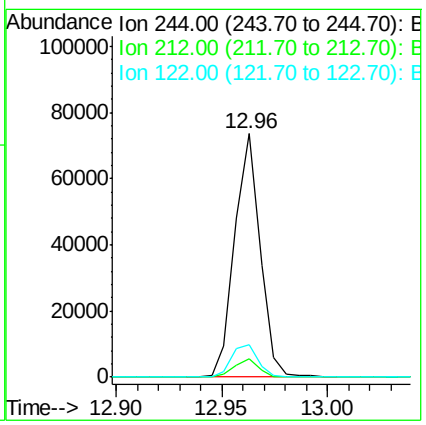


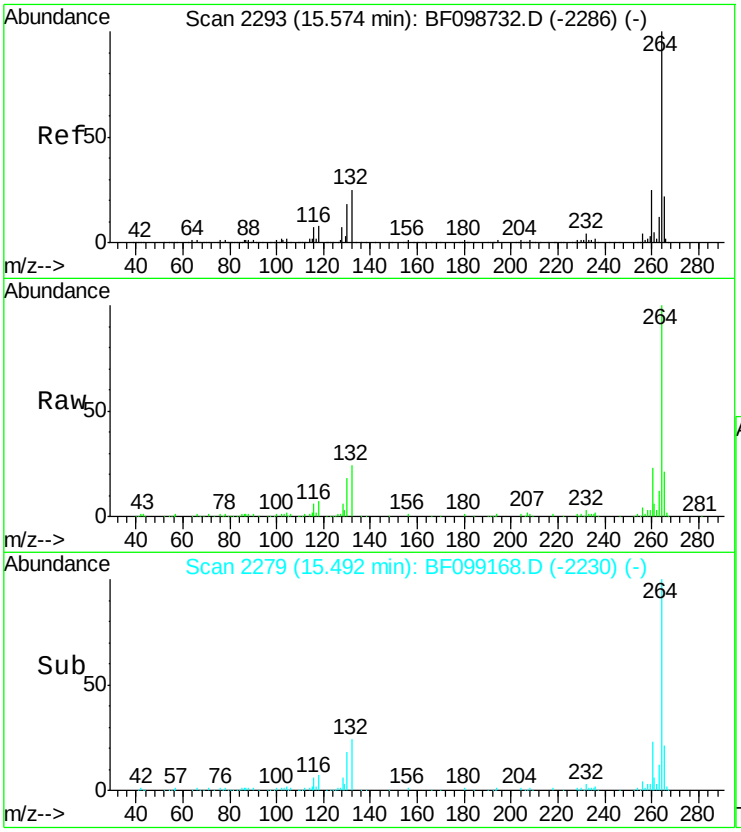


#78
Terphenyl-d14
Concen: 7.46 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:244 Resp: 61052

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 181926

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3