Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098135.D
Acq On : 30 Aug 2017 3:52
Operator : SJ/JU
Sample : I4990-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 07:46:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122299	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	474049	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	189741	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	308802	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	268387	20.00	ng	-0.01
86) Perylene-d12	15.31	264	206625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	95527	11.88	ng	-0.02
7) Phenol-d6	6.36	99	148921	13.63	ng	-0.02
23) Nitrobenzene-d5	7.29	82	88466	10.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	11948	7.26	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	144579	11.20	ng	-0.02
78) Terphenyl-d14	12.83	244	93289	7.25	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.29	82	84989	4.684	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	24136	8.718	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	24136	6.947	ng	# 33

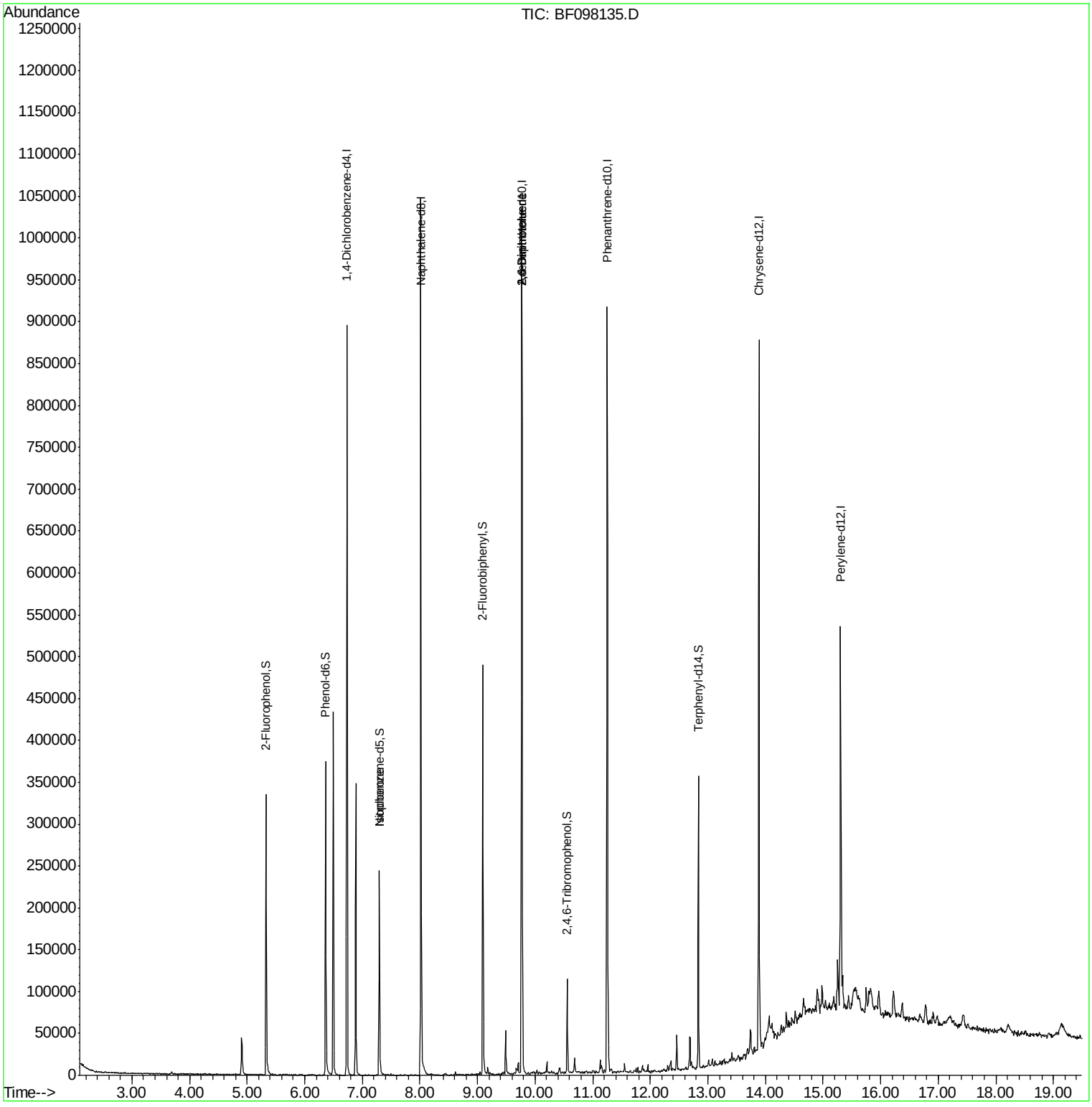
(#) = qualifier out of range (m) = manual integration (+) = signals summed

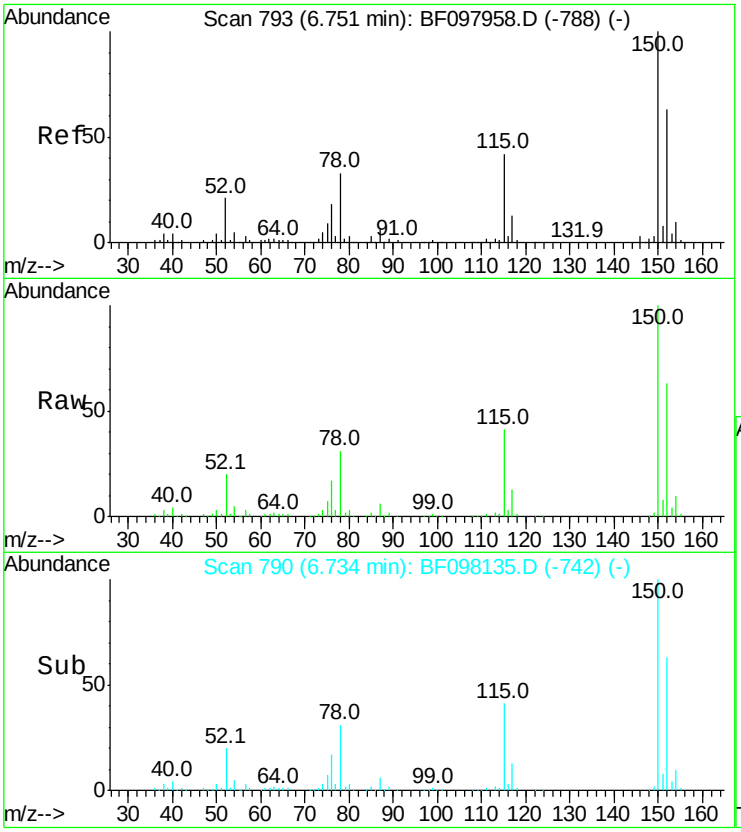
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098135.D
Acq On : 30 Aug 2017 3:52
Operator : SJ/JU
Sample : I4990-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 30 07:46:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



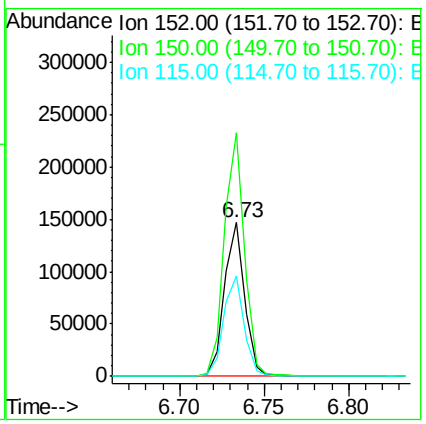


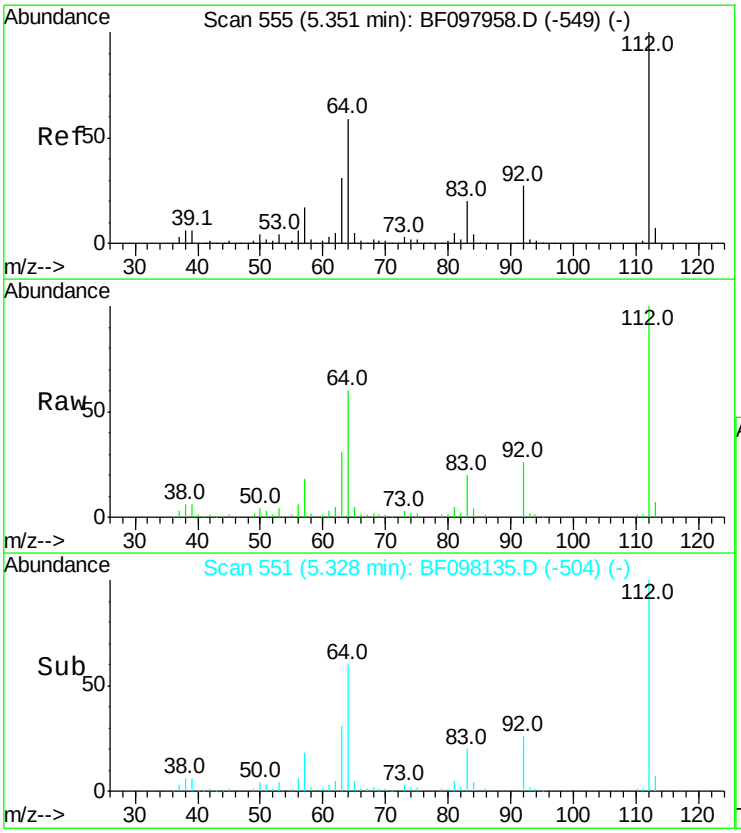
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122299

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	65.3	52.2	78.2

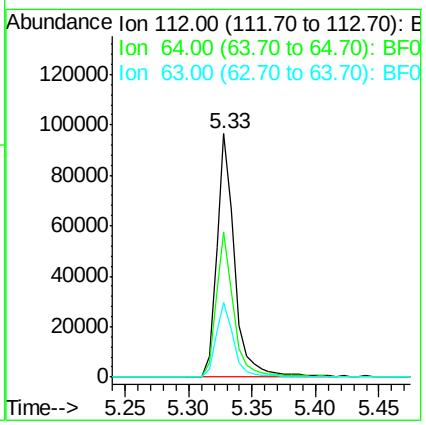


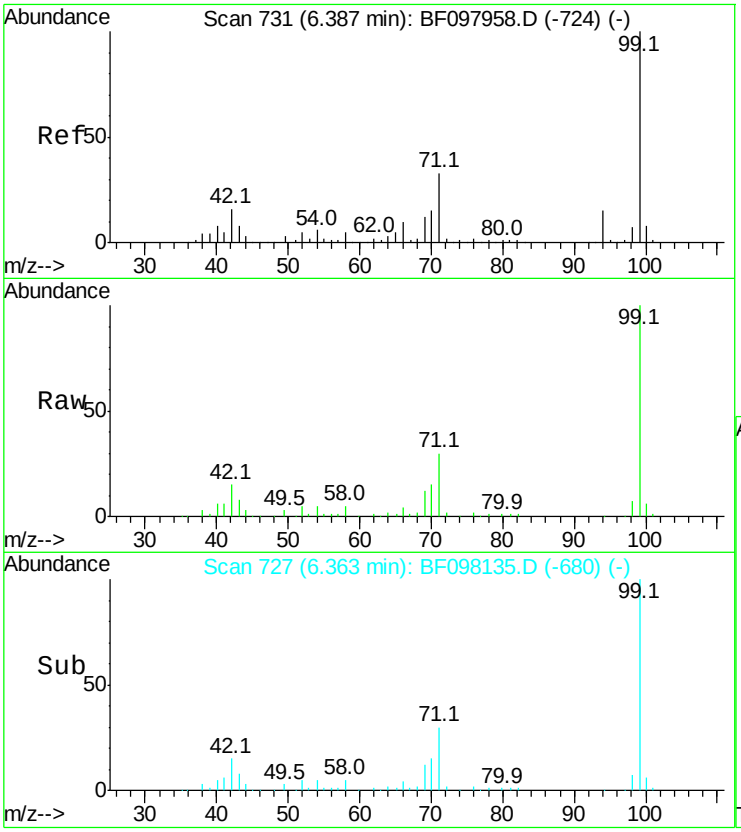


#5
2-Fluorophenol
Concen: 11.881 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:112 Resp: 95527

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	30.8	23.4	35.0



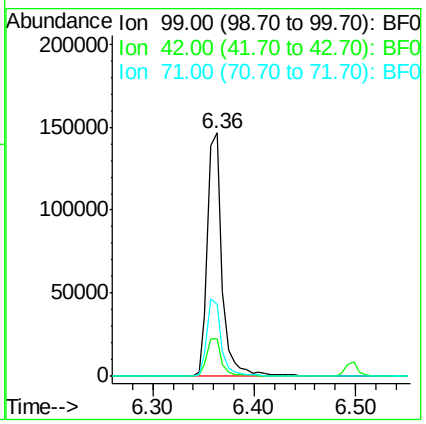


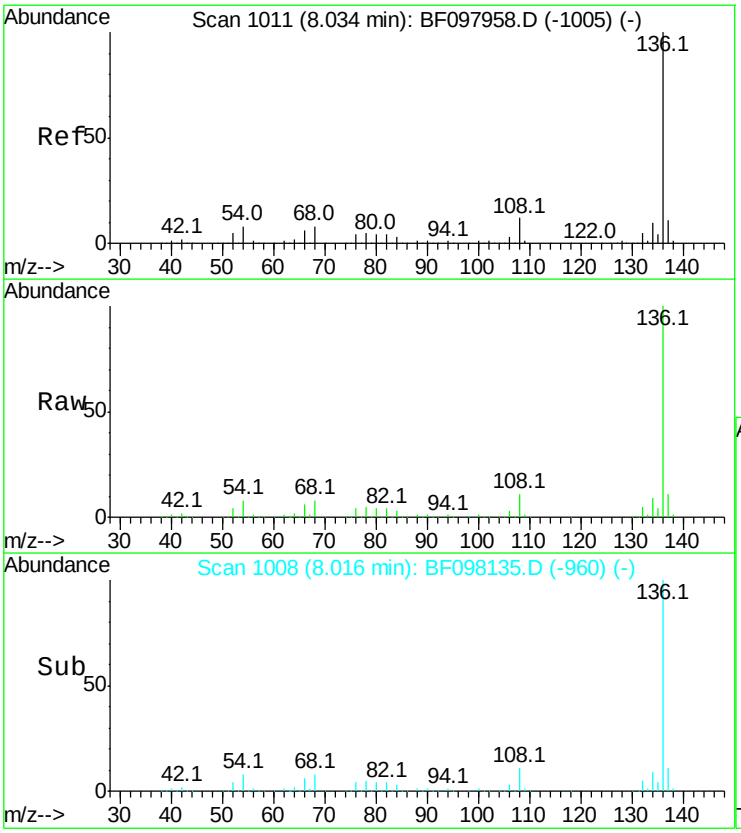
#7
Phenol-d6
Concen: 13.632 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 148921

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	29.7	24.5	36.7

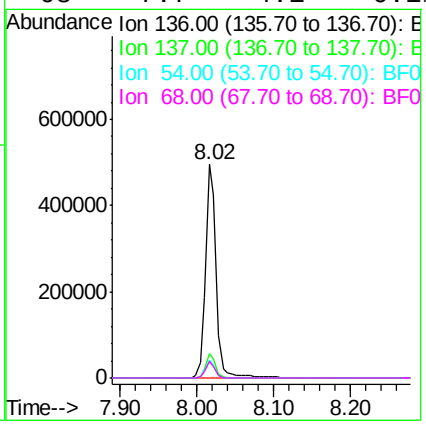


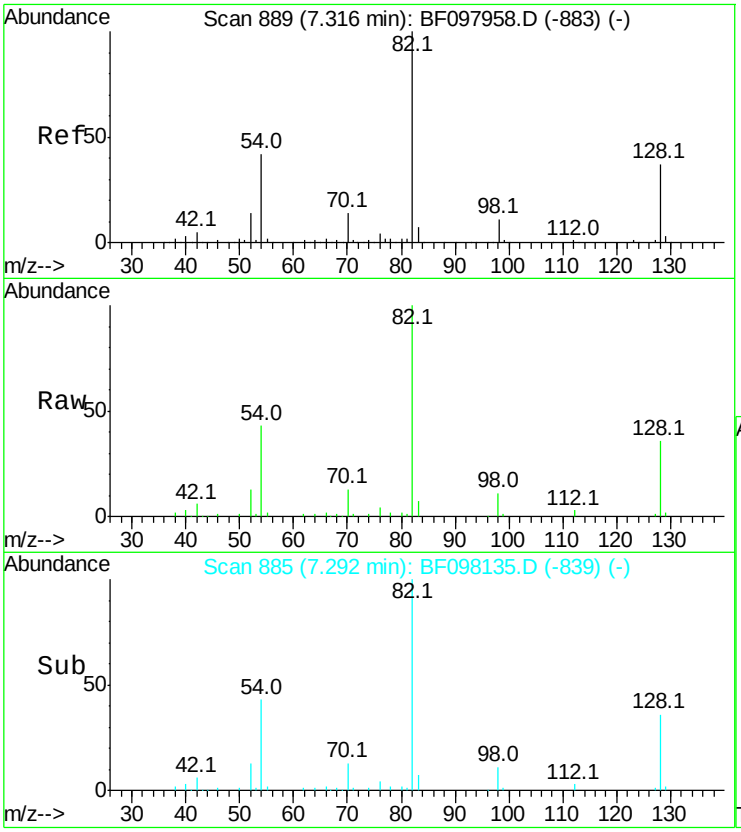


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:136 Resp: 474049

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.2	4.9	7.3#
68	7.7	4.1	6.1#

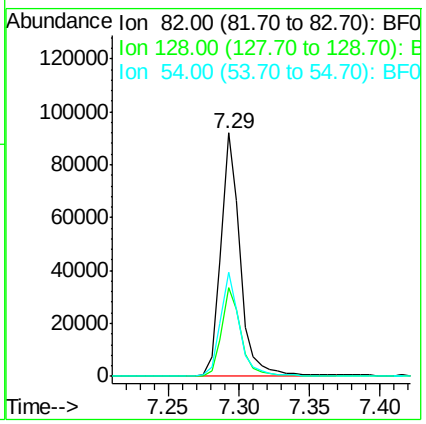




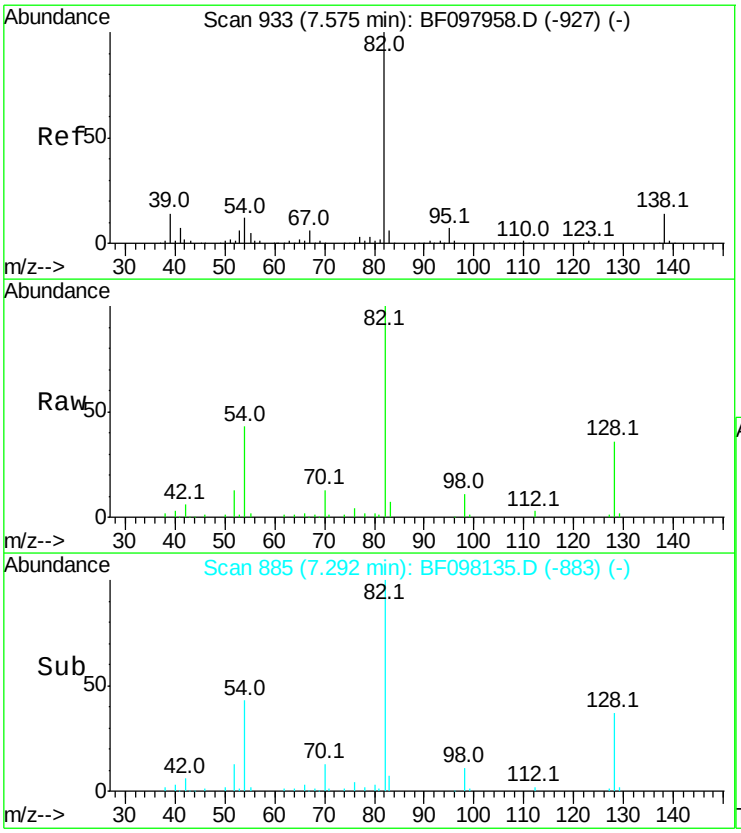
#23
Nitrobenzene-d5
Concen: 10.138 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion: 82 Resp: 88466

Ion	Ratio	Lower	Upper
82	100		
128	36.2	34.0	51.0
54	42.9	42.2	63.2



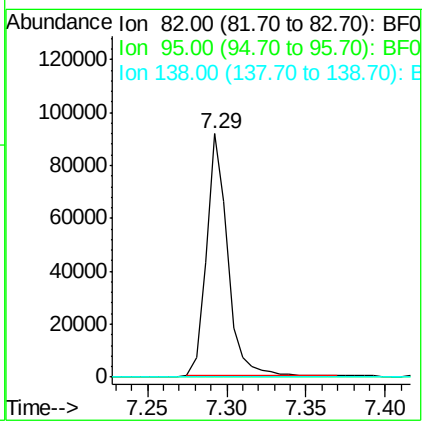
Instrument :
BNA_F
ClientSampleId :

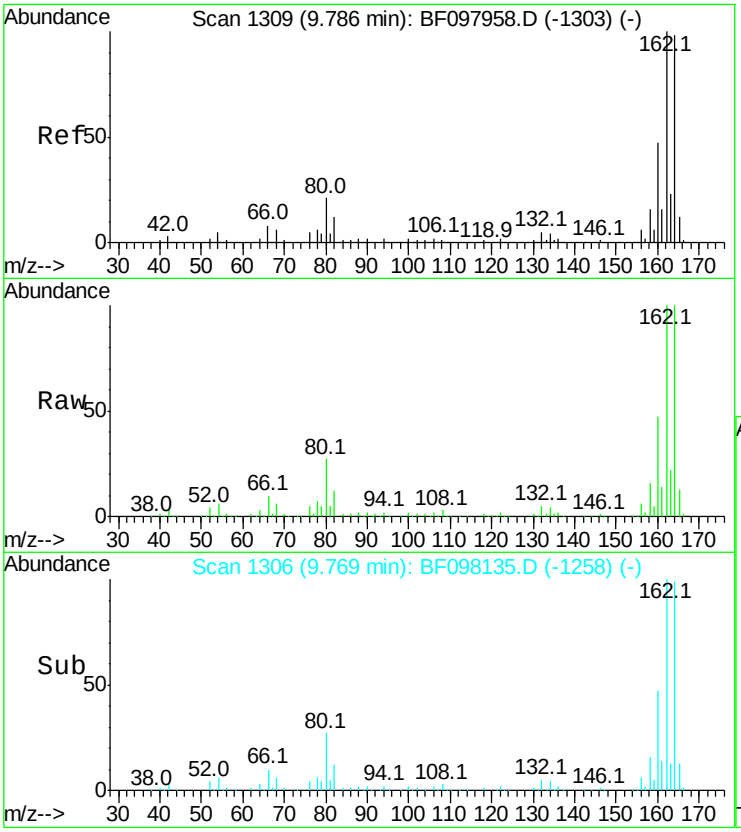


#25
Isophorone
Concen: 4.684 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion: 82 Resp: 84989

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



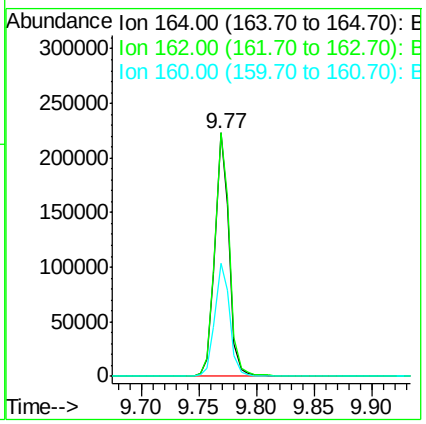


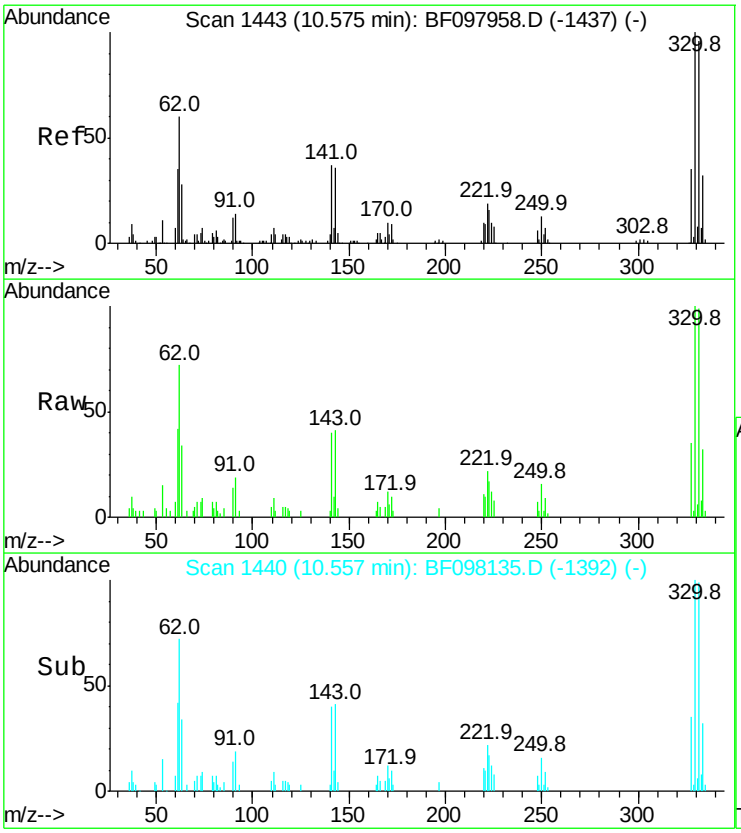
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 189741

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	46.7	36.2	54.2

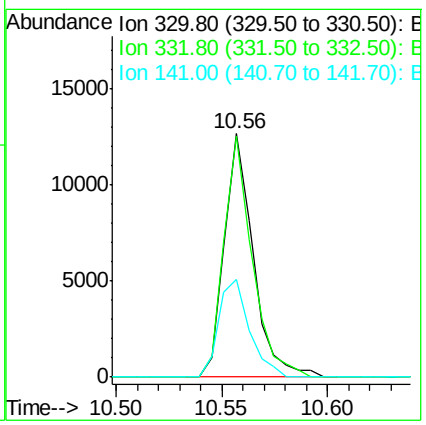


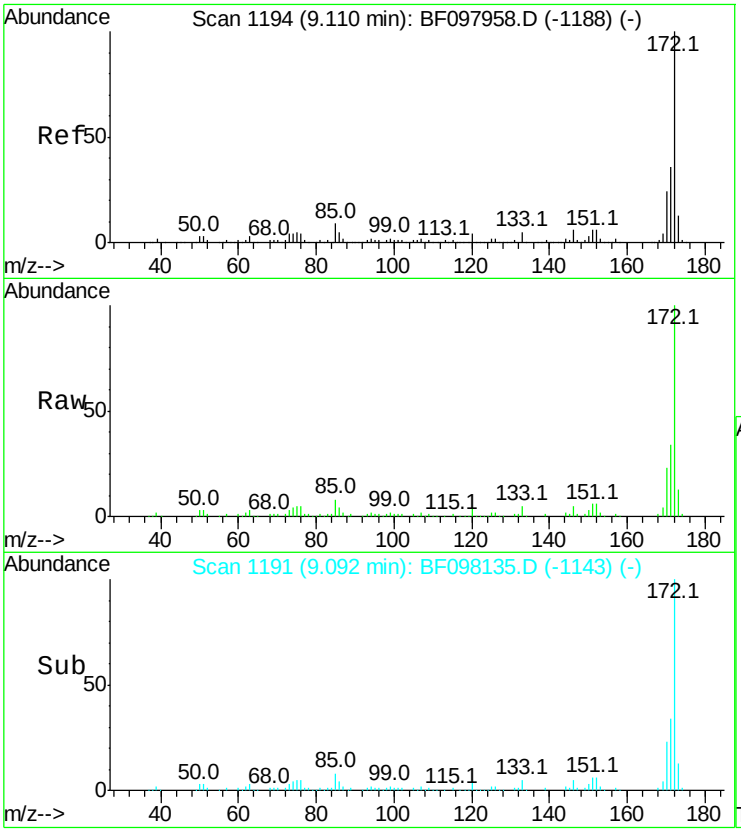


#41
2,4,6-Tribromophenol
Concen: 7.257 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:330 Resp: 11948

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	43.0	31.4	47.2



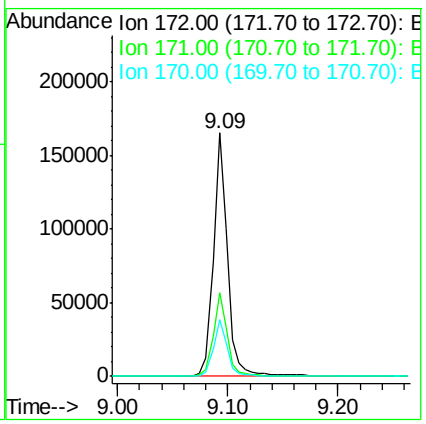


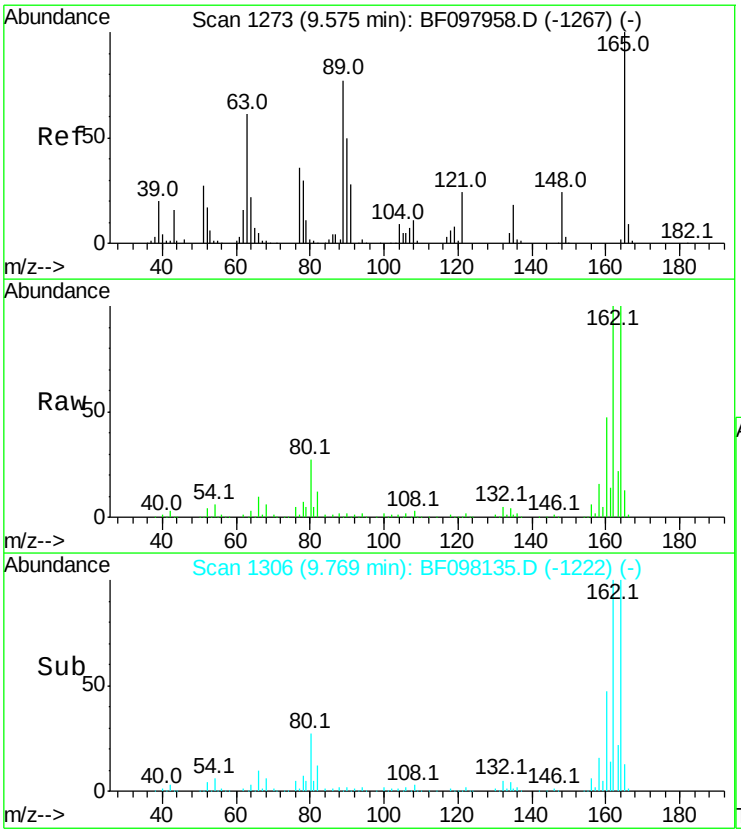
#44
2-Fluorobiphenyl
Concen: 11.195 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 144579

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.4	19.8	29.8

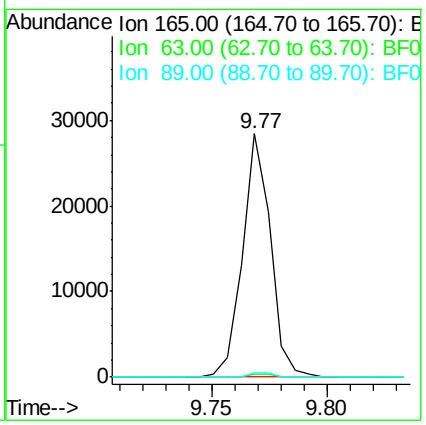


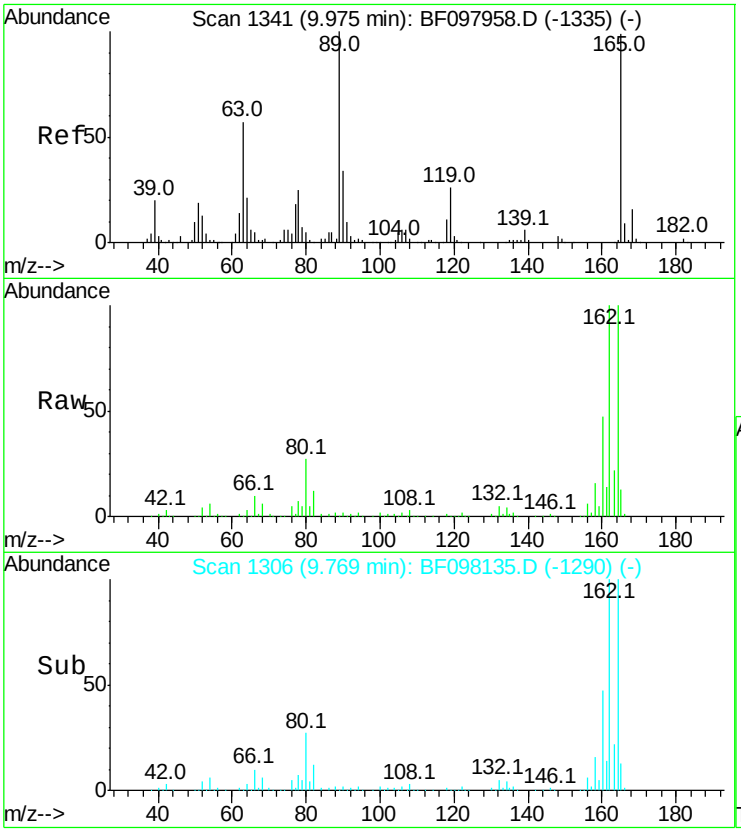


#50
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:165 Resp: 24136

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	2.0	37.1	55.7#



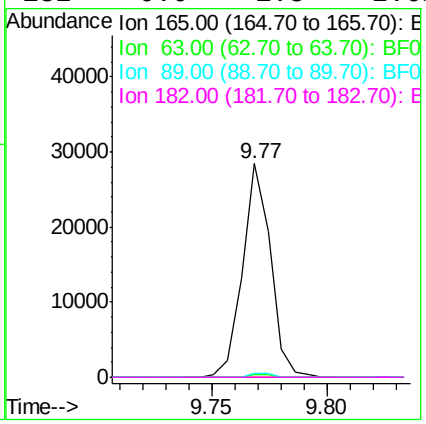


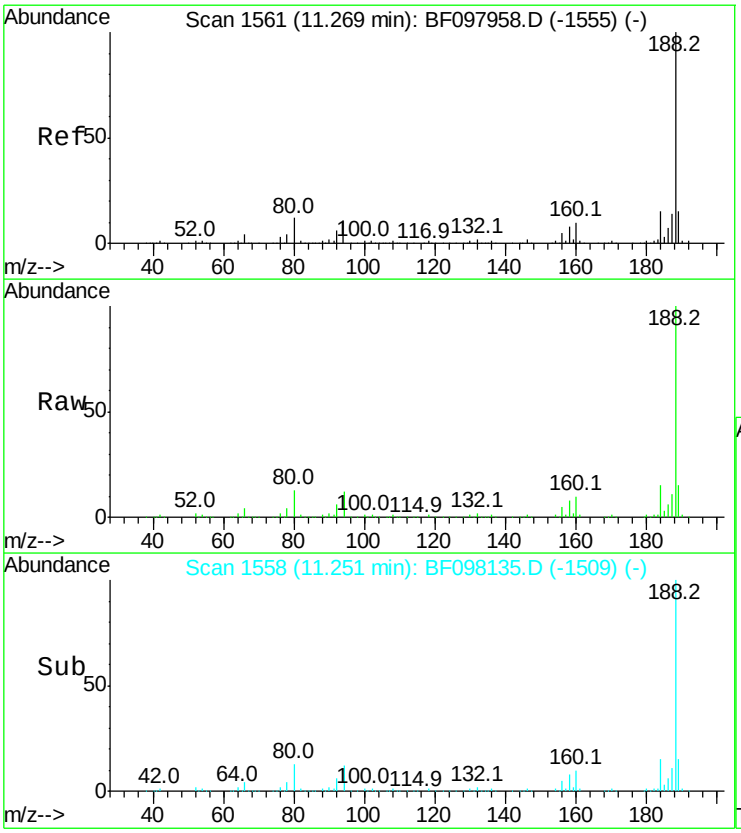
#56
2,4-Dinitrotoluene
Concen: 6.947 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24136

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

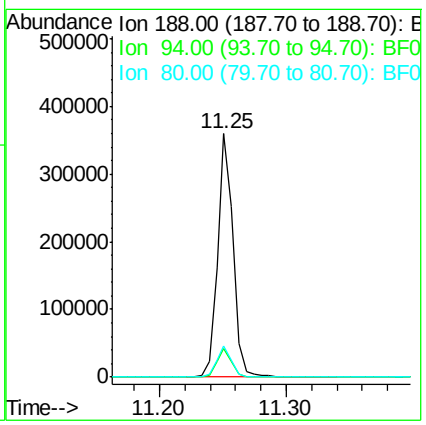


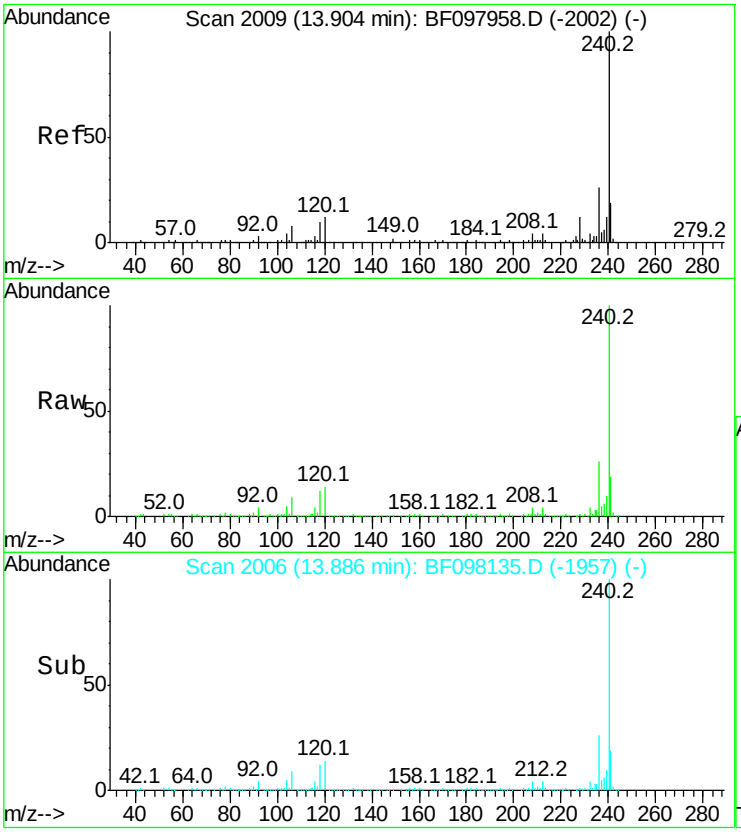


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:188 Resp: 308802

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.5	10.2	15.2



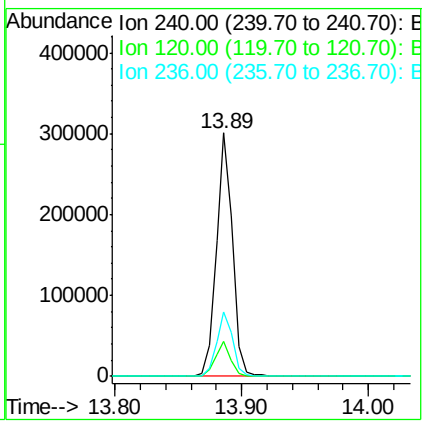


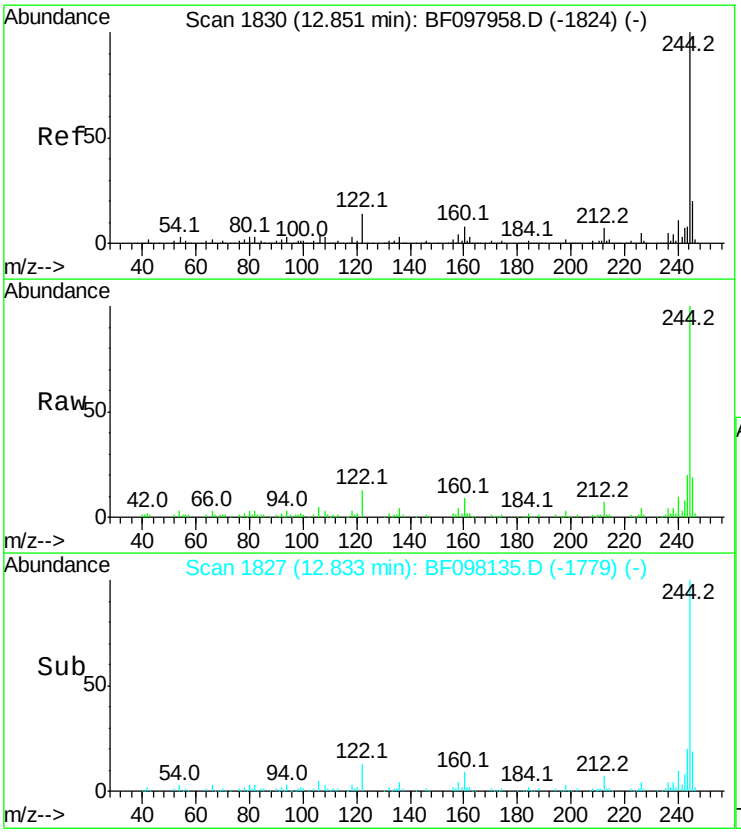
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268387

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.5	20.5	30.7

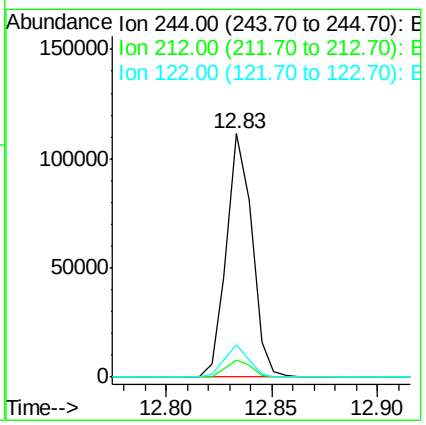


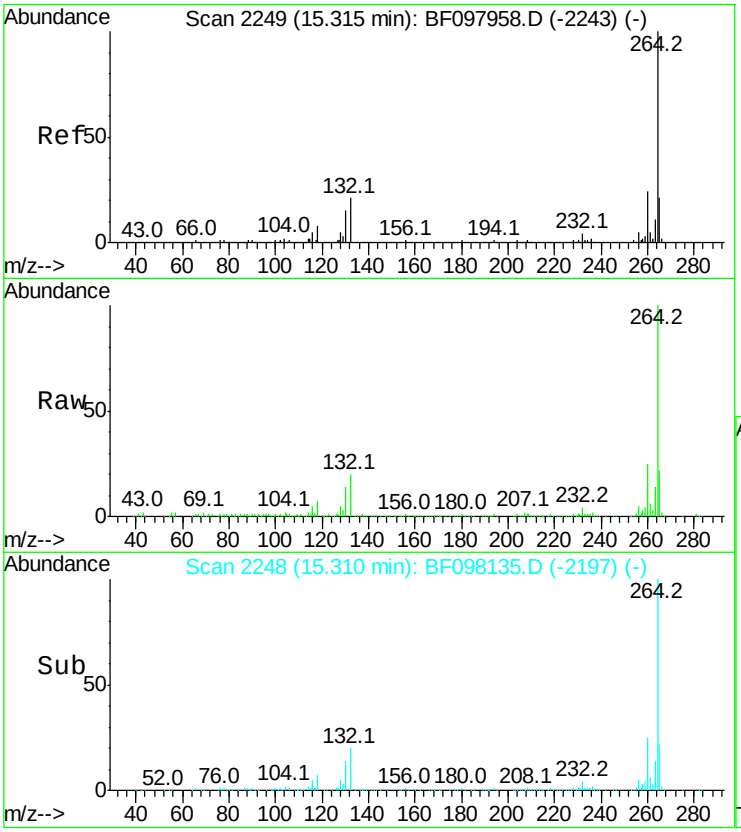


#78
Terphenyl-d14
Concen: 7.248 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Tgt Ion:244 Resp: 93289

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF098135.D
Acq: 30 Aug 2017 3:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 206625

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.1	17.2	25.8