Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098190.D
Acq On : 31 Aug 2017 8:27
Operator : SJ/JU
Sample : I4987-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-COMP

Quant Time: Aug 31 09:08:19 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	116046	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	422198	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	154322	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	258376	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	229514	20.00	ng	-0.02
86) Perylene-d12	15.29	264	152047	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	838138	109.86	ng	-0.01
7) Phenol-d6	6.37	99	1106767	106.77	ng	-0.02
23) Nitrobenzene-d5	7.29	82	626353	80.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	134170	100.20	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	858440	81.73	ng	-0.02
78) Terphenyl-d14	12.83	244	654065	59.43	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.37	94	32408	2.673	ng	80
49) Dimethylphthalate	9.48	163	134350	11.910	ng	98

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

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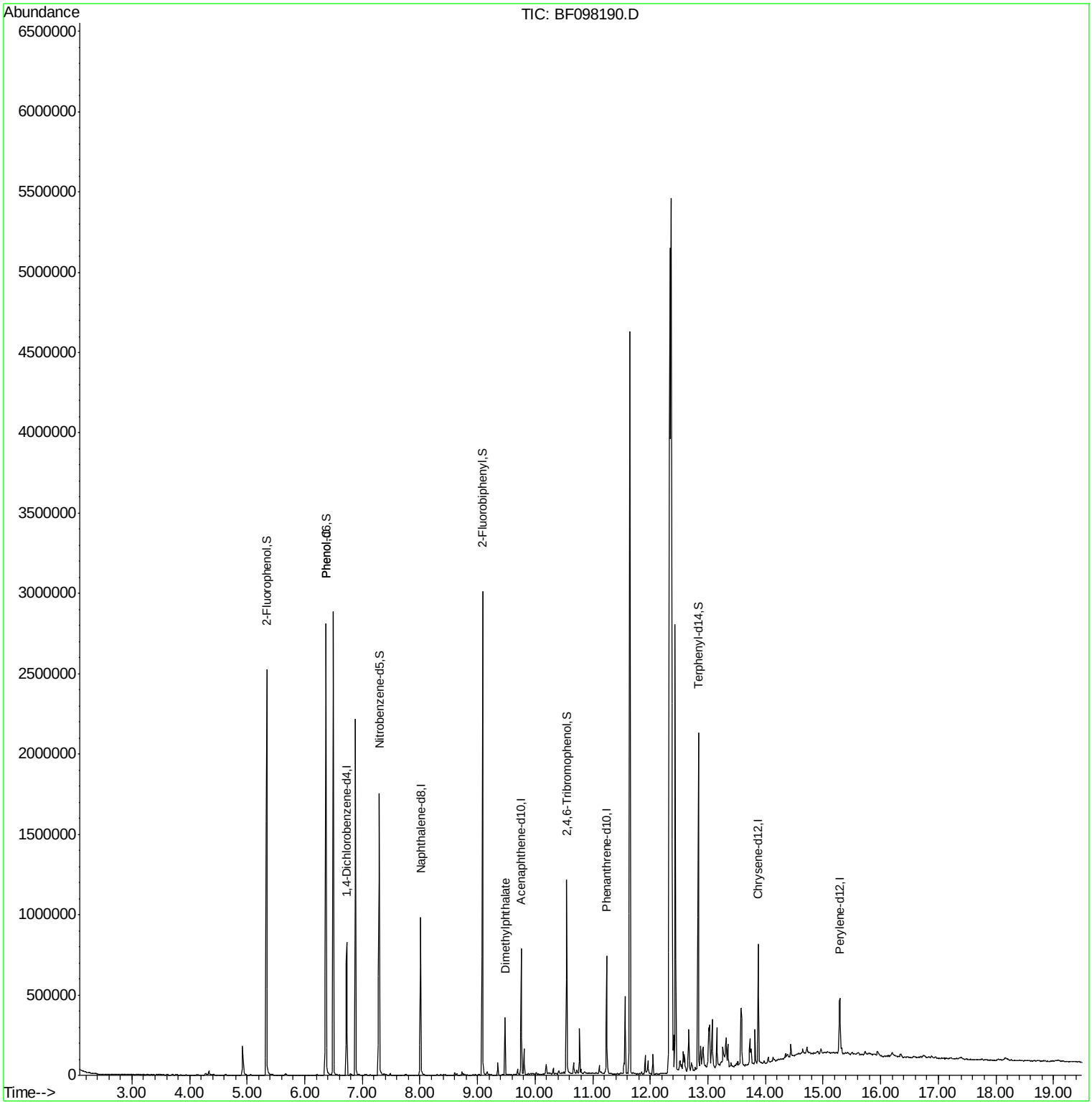
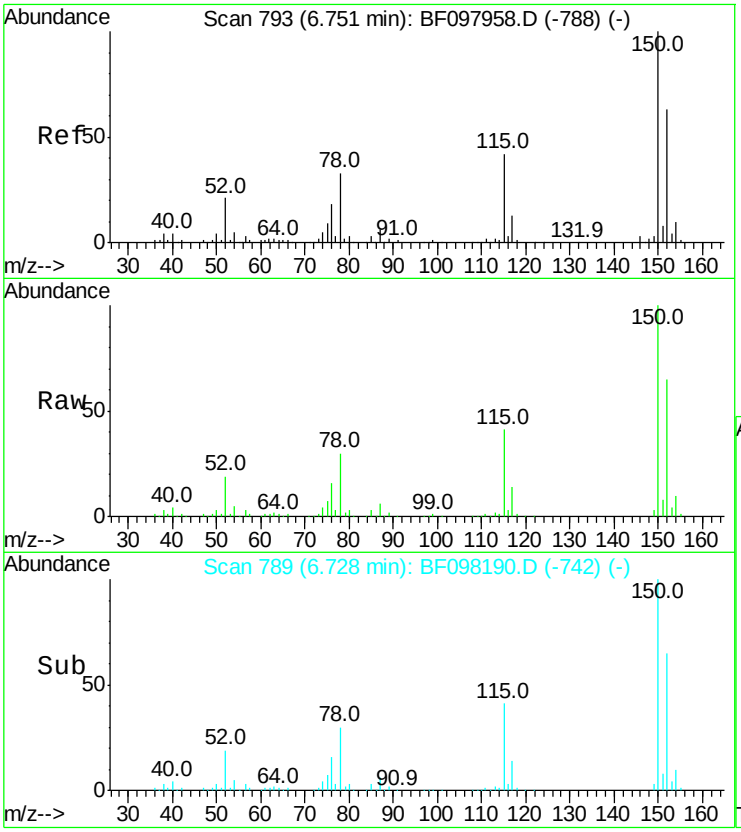


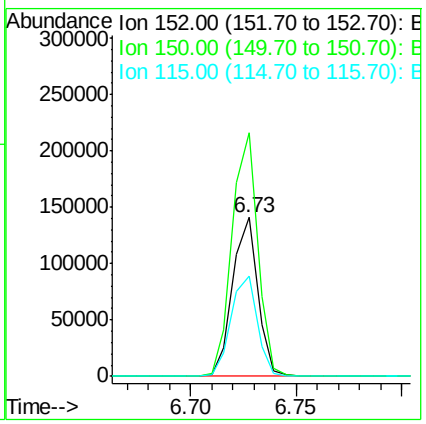


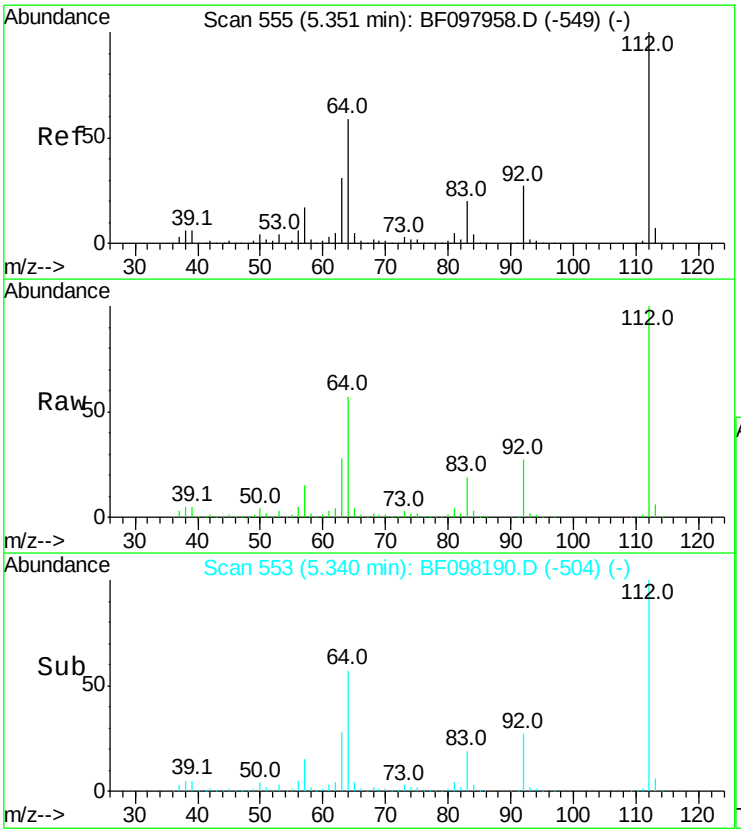
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:152 Resp: 116046

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	62.7	52.2	78.2

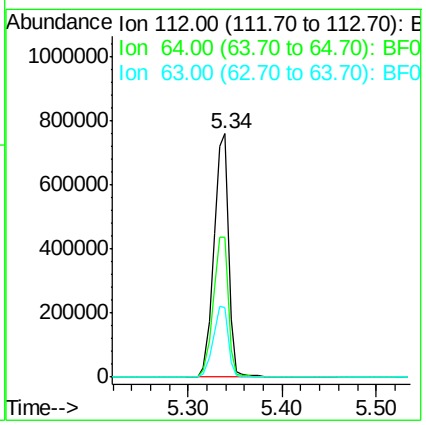


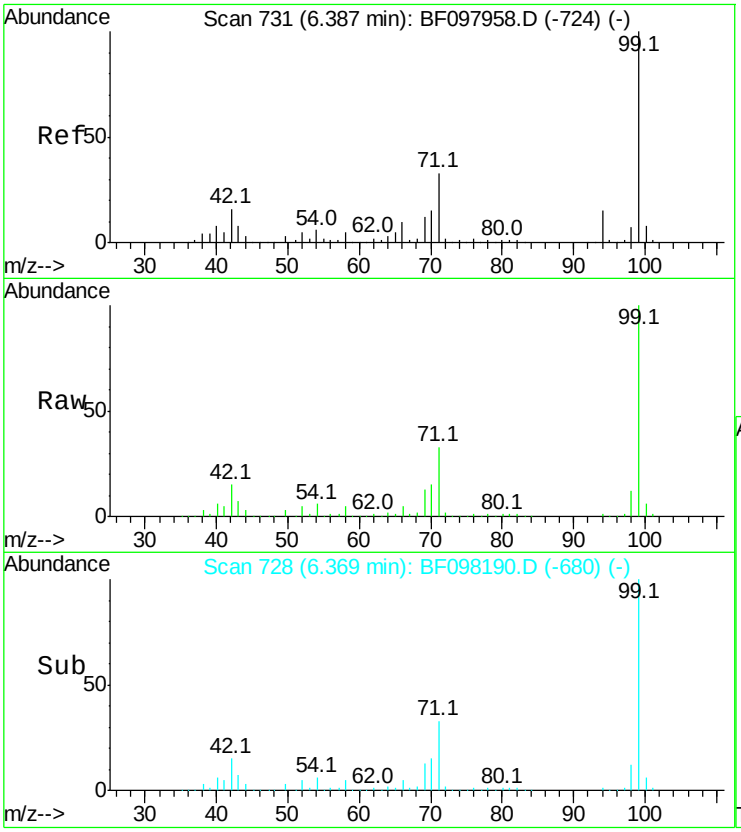


#5
2-Fluorophenol
Concen: 109.859 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:112 Resp: 838138

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	28.4	23.4	35.0



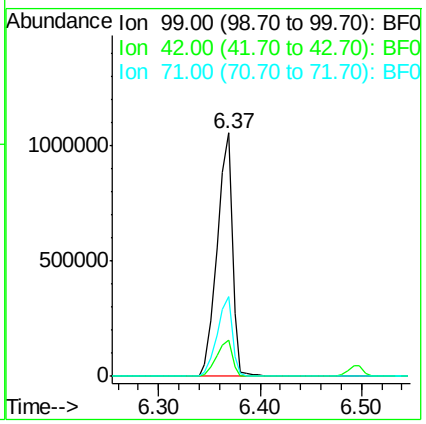


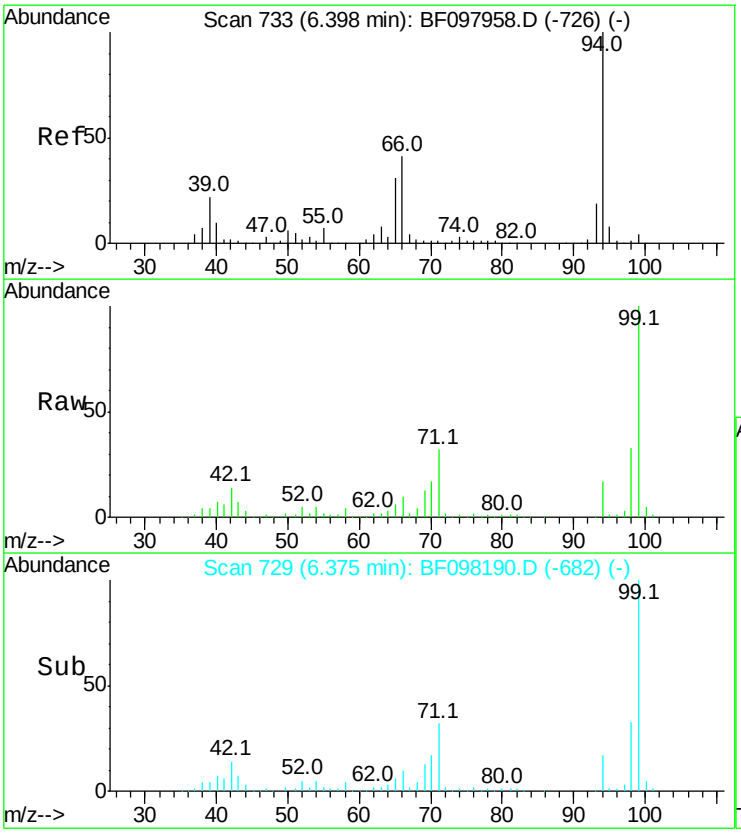
#7
Phenol-d6
Concen: 106.770 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion: 99 Resp: 1106767

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	32.7	24.5	36.7

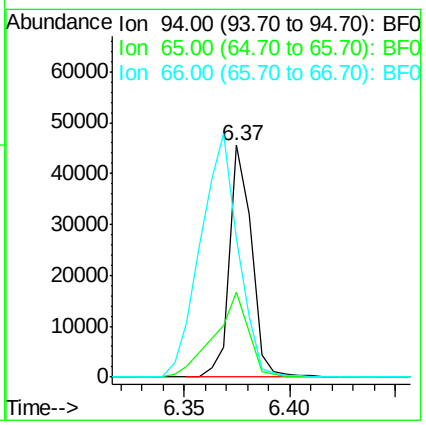


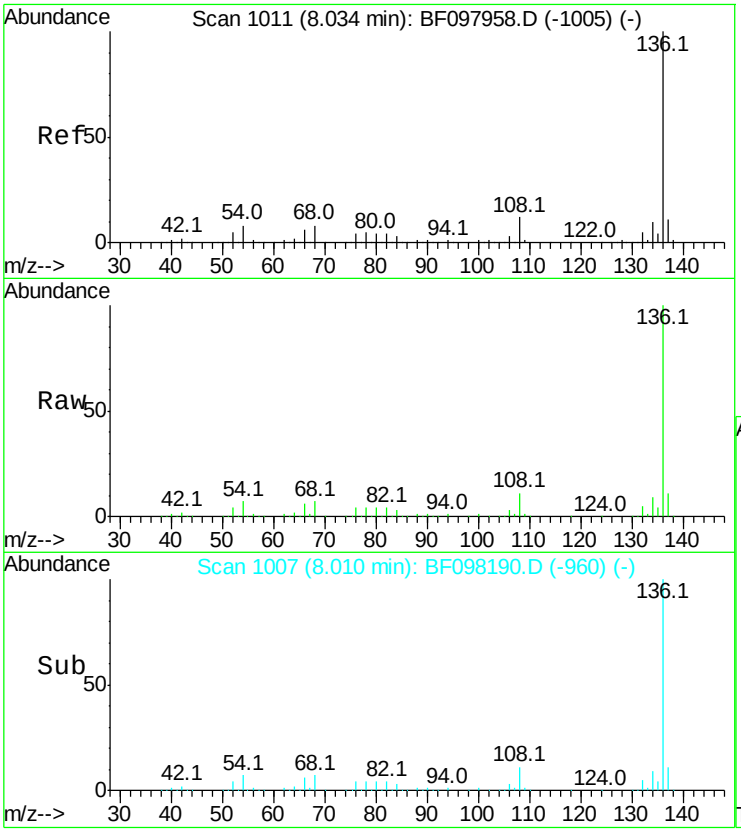


#10
Phenol
Concen: 2.673 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion: 94 Resp: 32408

Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.9	49.9
66	59.6	23.1	63.1



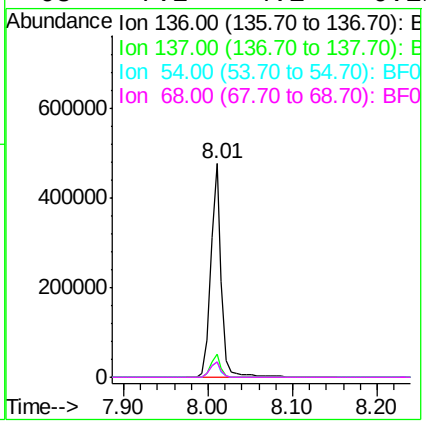


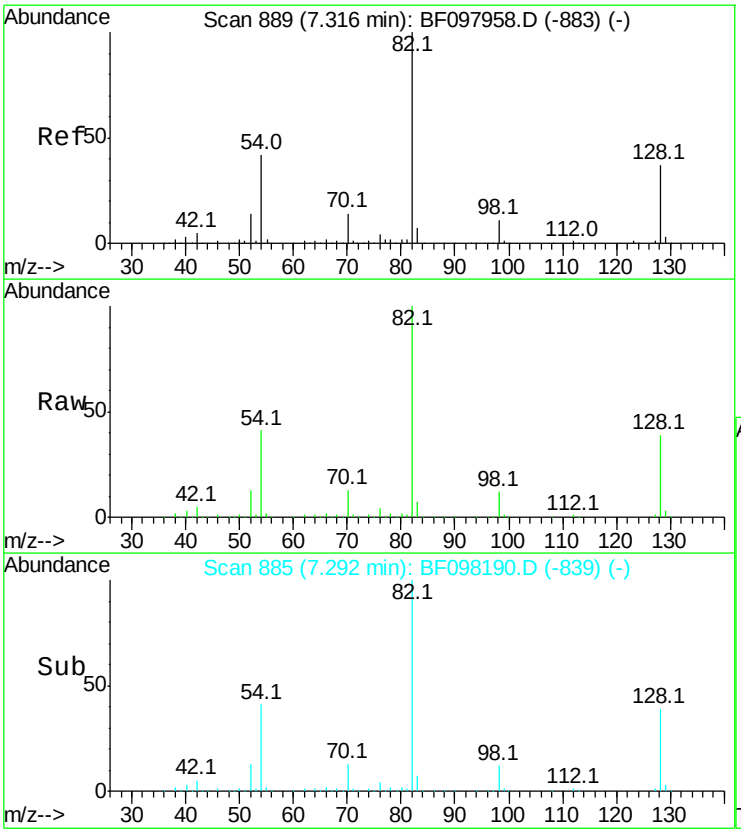
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:136 Resp: 422198

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.5	4.9	7.3#
68	7.2	4.1	6.1#

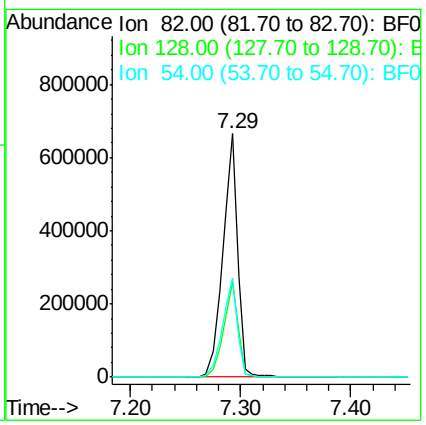


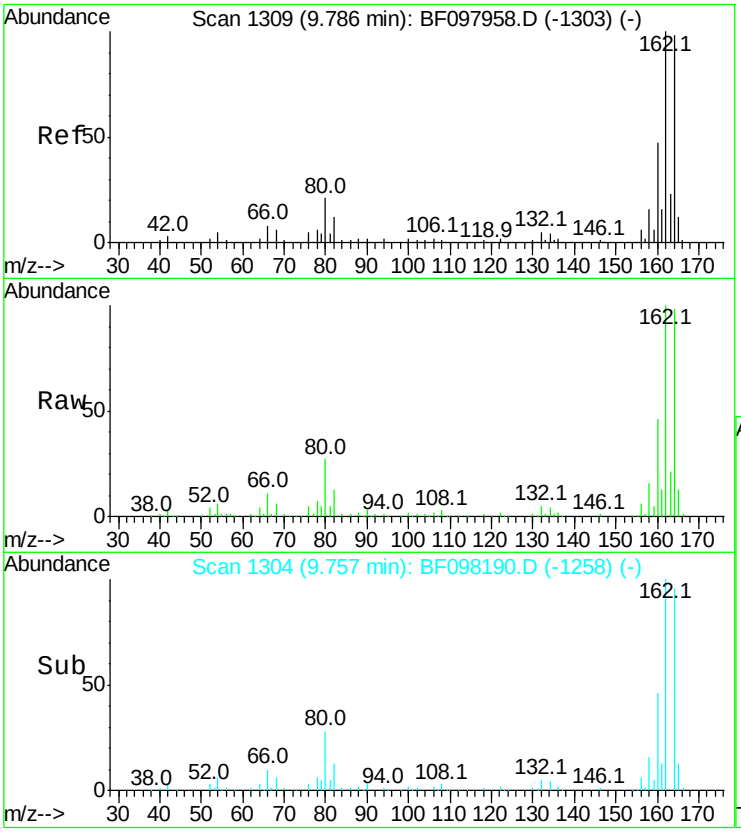


#23
Nitrobenzene-d5
Concen: 80.593 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion: 82 Resp: 626353

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.0	51.0
54	40.8	42.2	63.2#



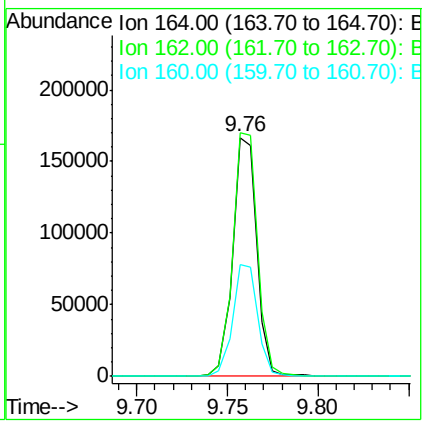


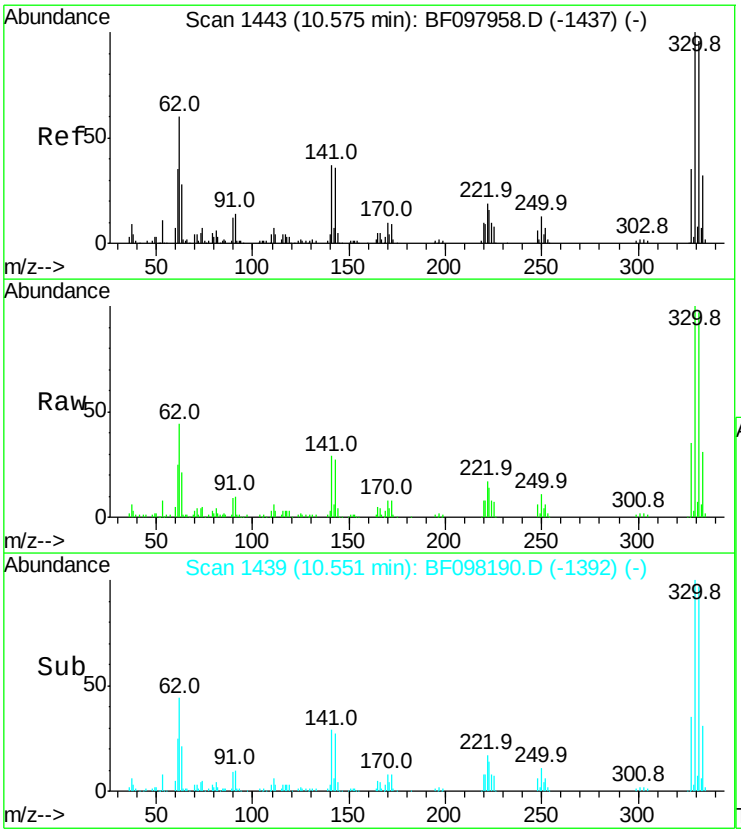
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:164 Resp: 154322

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.0	36.2	54.2

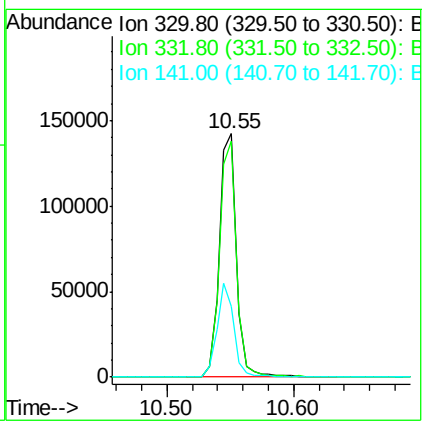


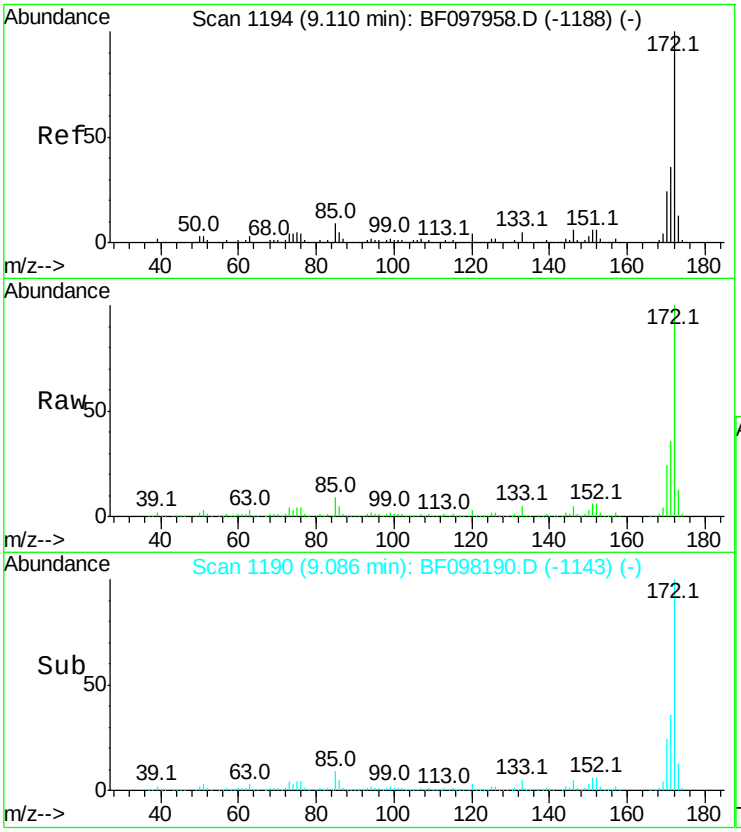


#41
2,4,6-Tribromophenol
Concen: 100.202 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:330 Resp: 134170

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	38.4	31.4	47.2



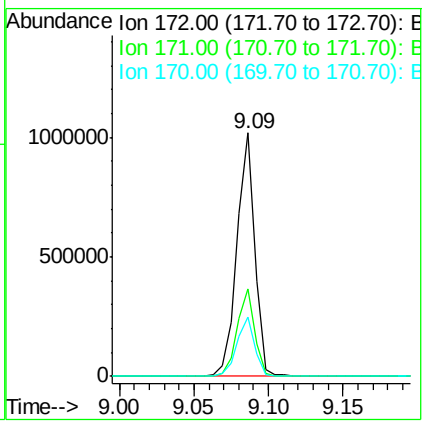


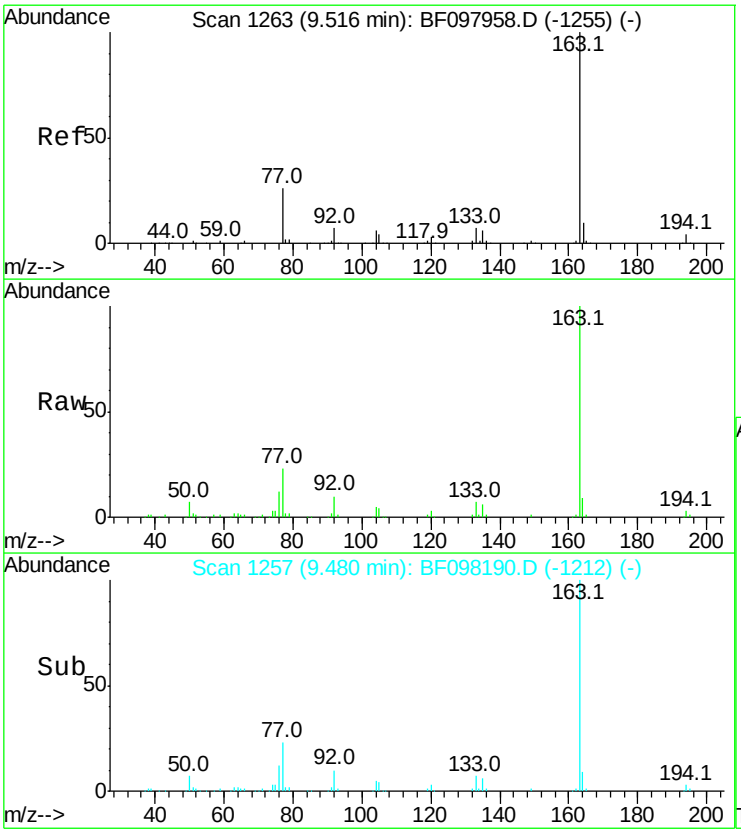
#44
2-Fluorobiphenyl
Concen: 81.727 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:172 Resp: 858440

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.4	19.8	29.8

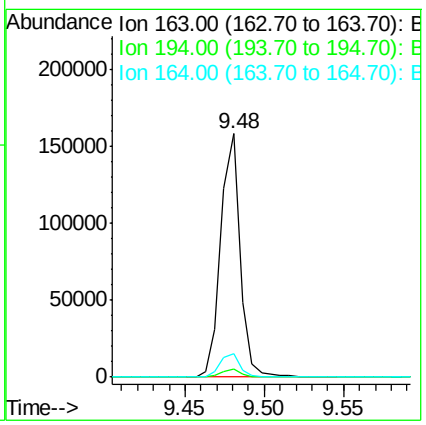


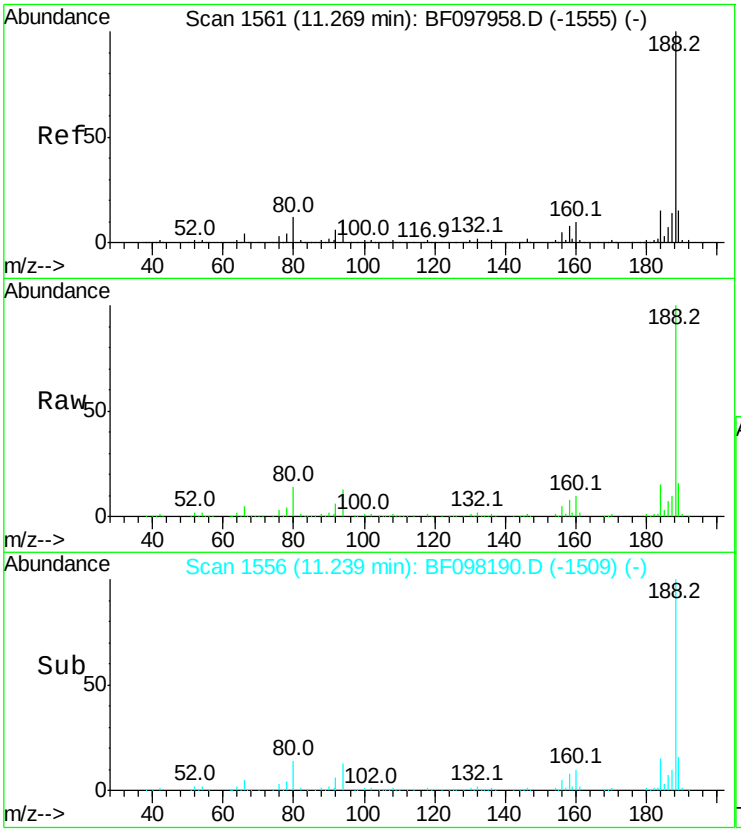


#49
Dimethylphthalate
Concen: 11.910 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:163 Resp: 134350

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.4	8.4	12.6



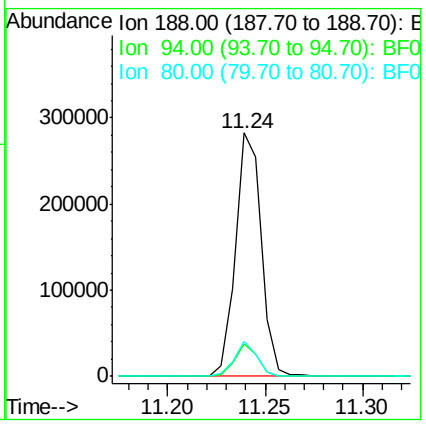


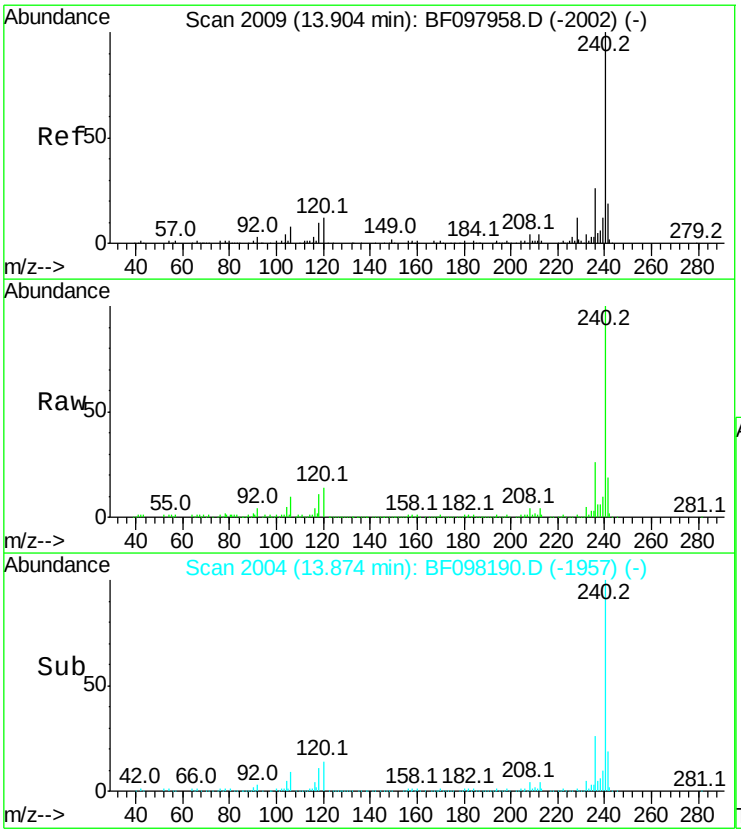
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:188 Resp: 258376

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	14.2	10.2	15.2

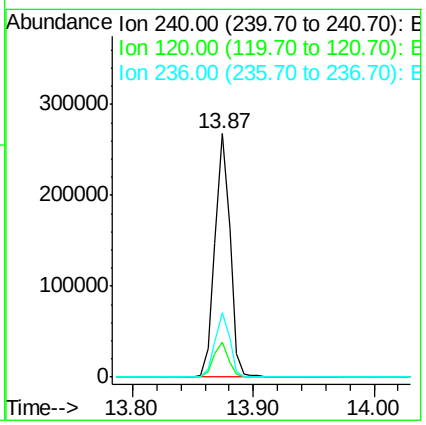


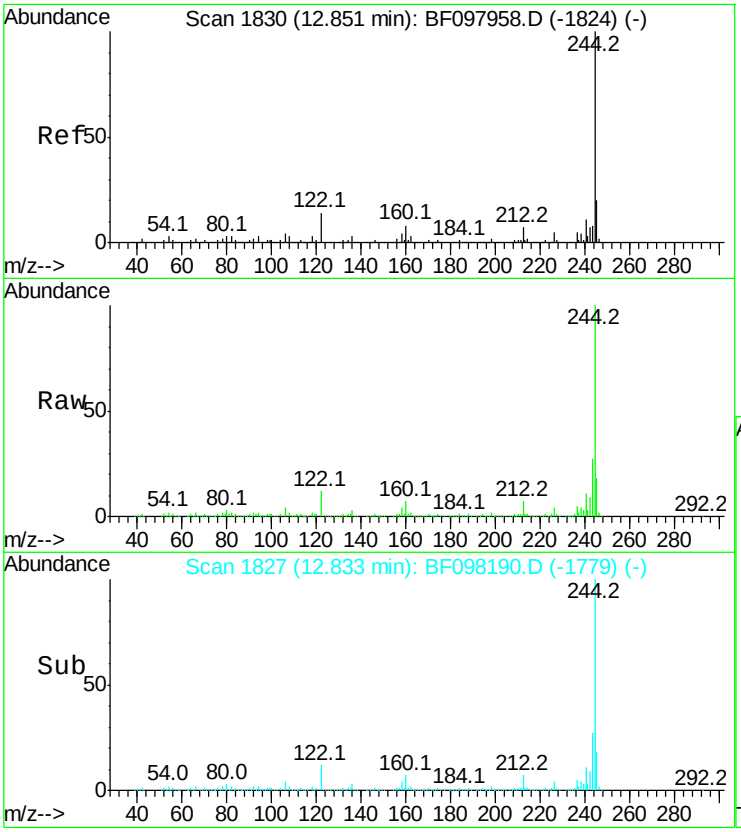


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:240 Resp: 229514

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.4	20.5	30.7



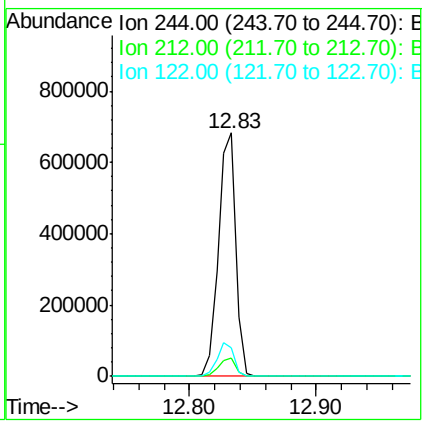


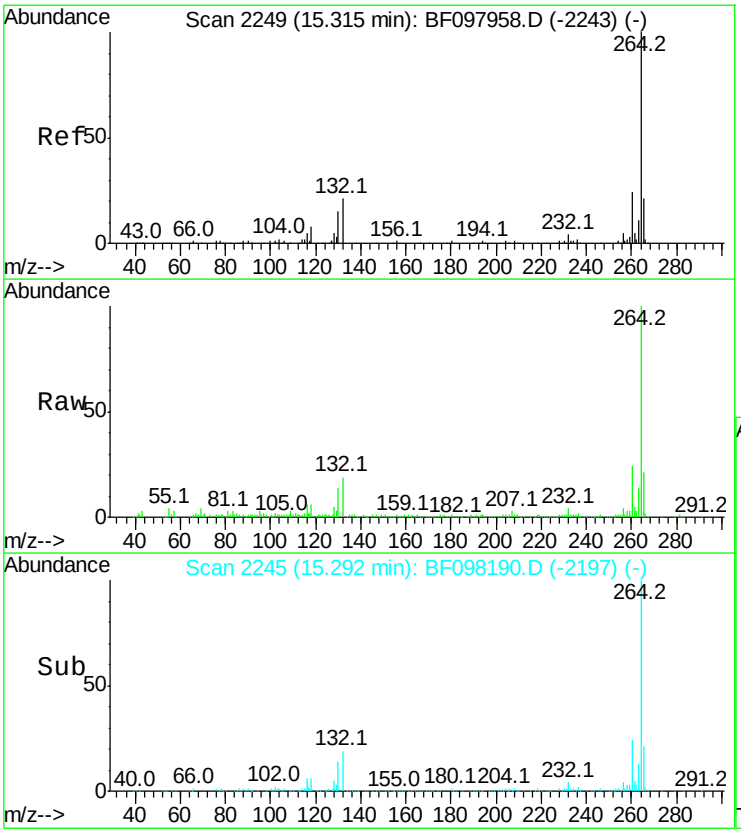
#78
Terphenyl-d14
Concen: 59.428 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:244 Resp: 654065

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.0	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:264 Resp: 152047

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.2	25.8