Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108997.D
Acq On : 14 Sep 2018 16:22
Operator : JU/SJ
Sample : J4891-01 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM-CONCRETE

Quant Time: Sep 14 18:10:41 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	143036	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570494	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	277844	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	440437	20.00	ng	0.00
75) Chrysene-d12	13.86	240	434137	20.00	ng	0.00
86) Perylene-d12	15.25	264	376474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	21819	2.53	ng	-0.01
7) Phenol-d6	6.34	99	37094	3.34	ng	-0.02
23) Nitrobenzene-d5	7.27	82	25954	2.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	6851	2.27	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	57511	3.24	ng	-0.01
78) Terphenyl-d14	12.82	244	51786	2.83	ng	0.00
Target Compounds						Qvalue

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

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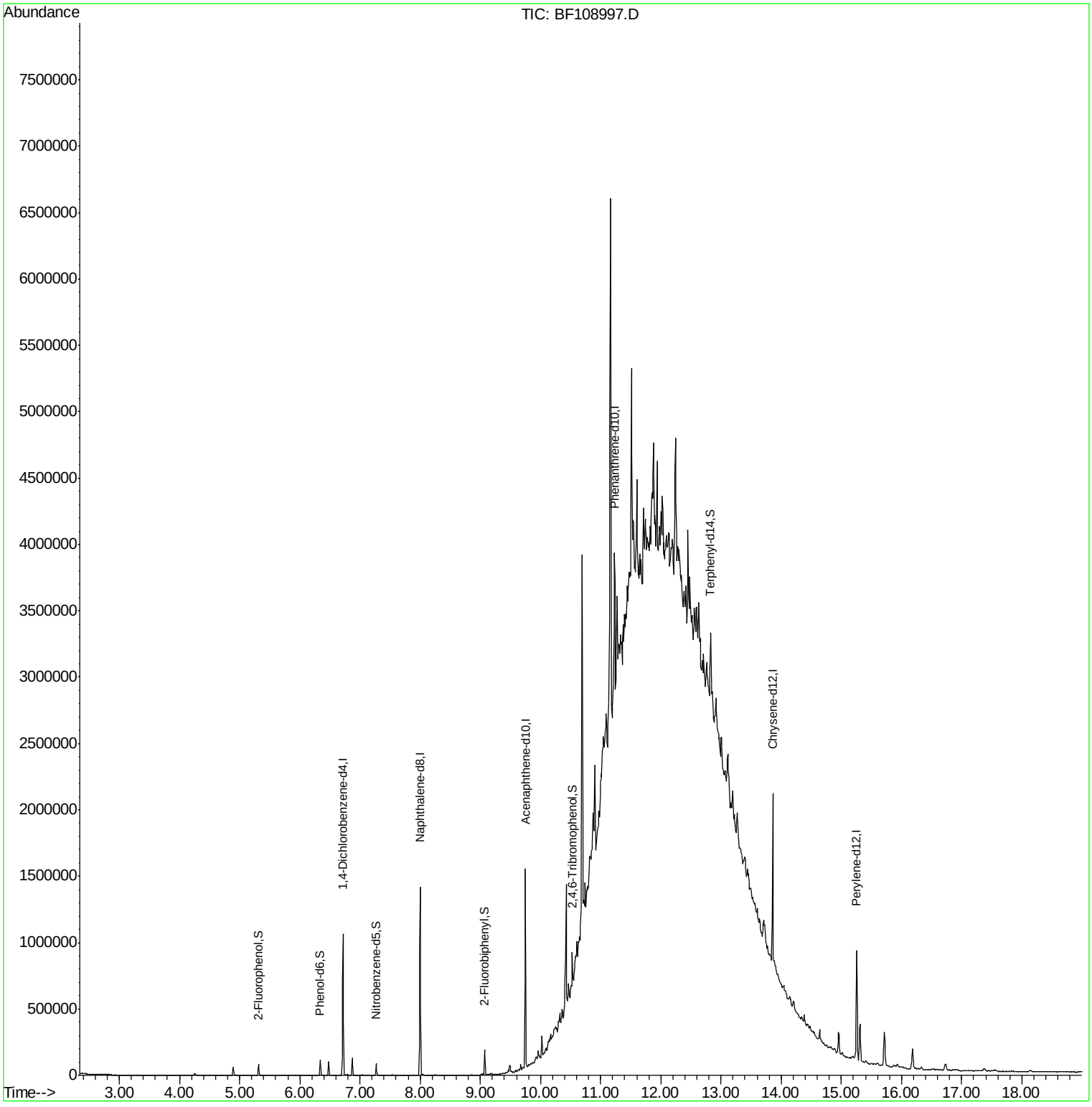
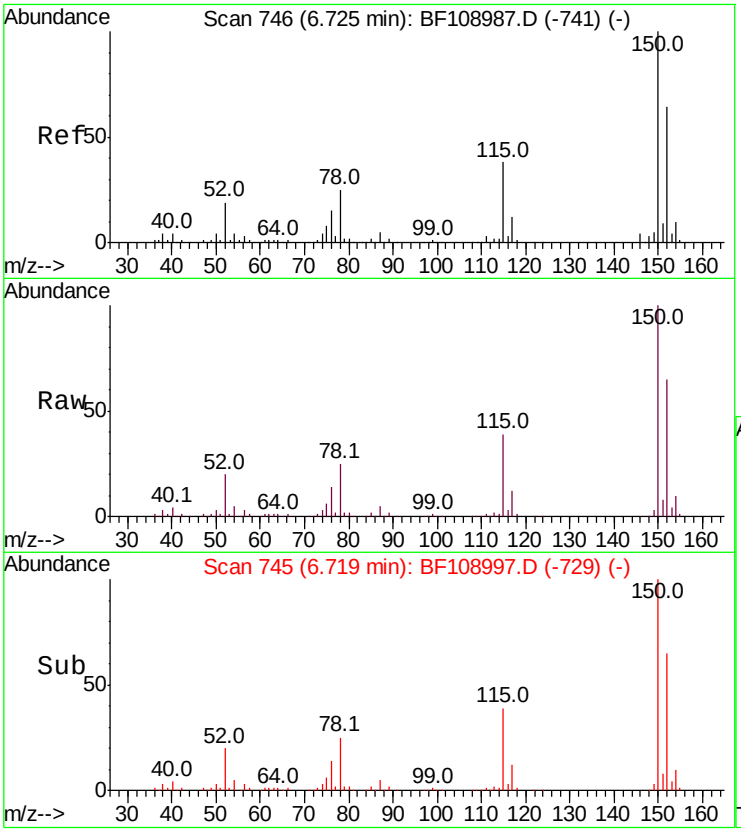


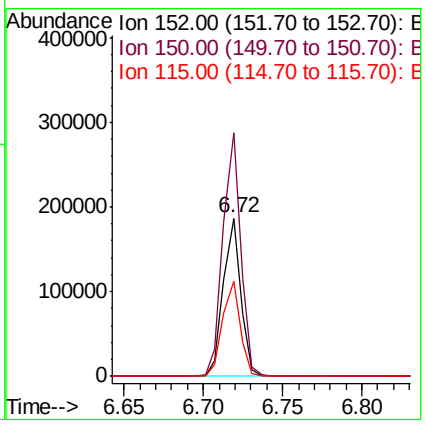


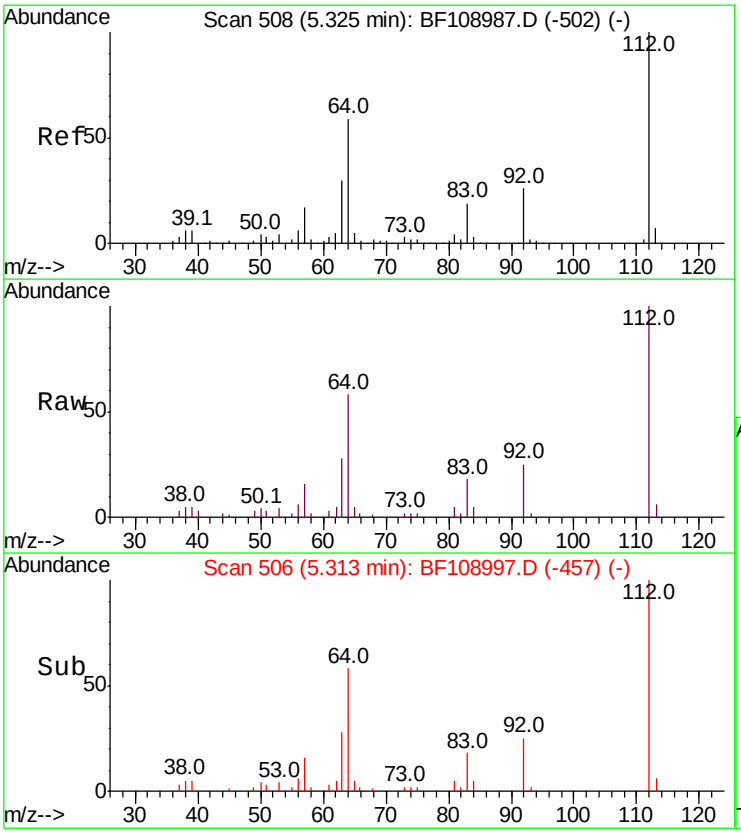
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion:152 Resp: 143036

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	59.9	50.1	75.1

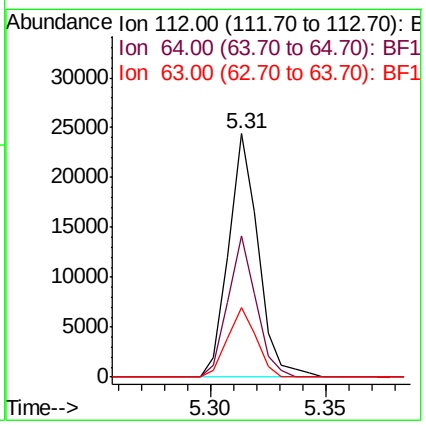


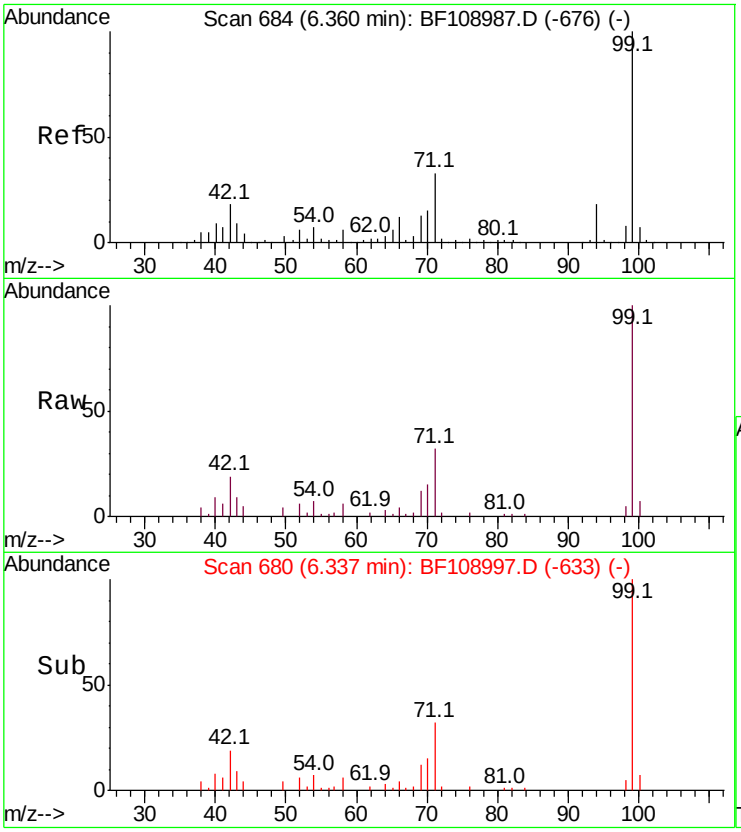


#5
2-Fluorophenol
Concen: 2.534 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:112 Resp: 21819

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	28.5	23.7	35.5



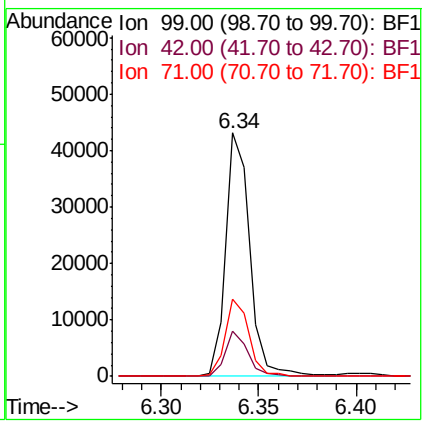


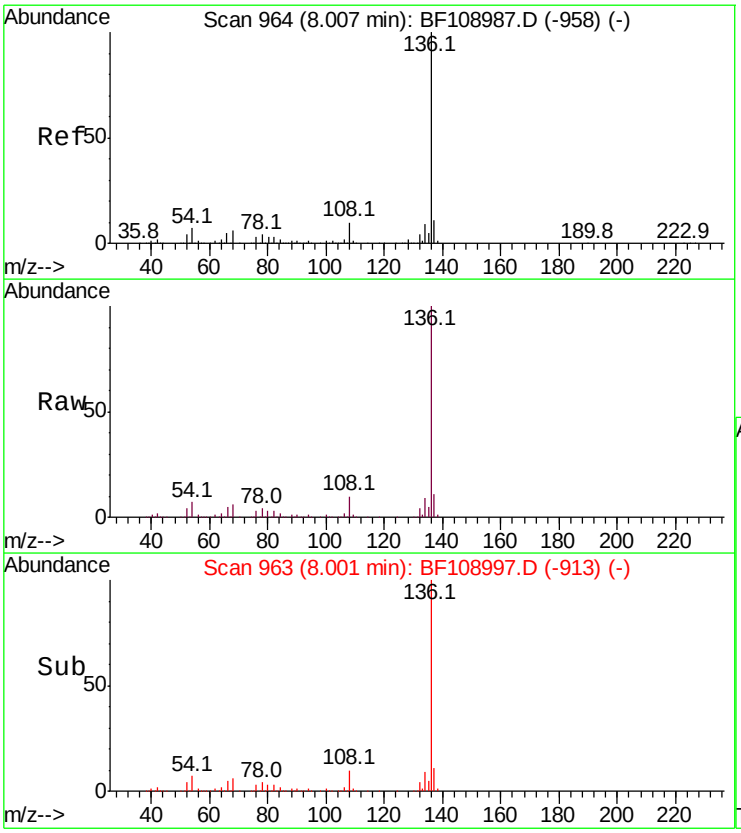
#7
Phenol-d6
Concen: 3.340 ng
RT: 6.34 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion: 99 Resp: 37094

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	31.9	25.4	38.0

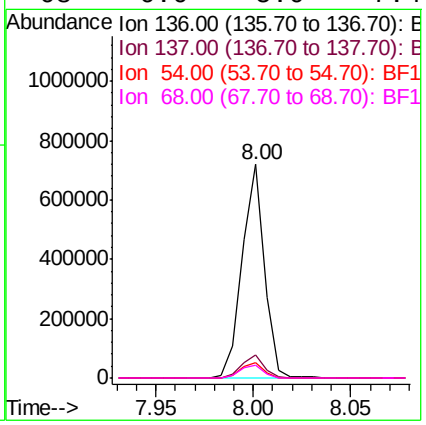


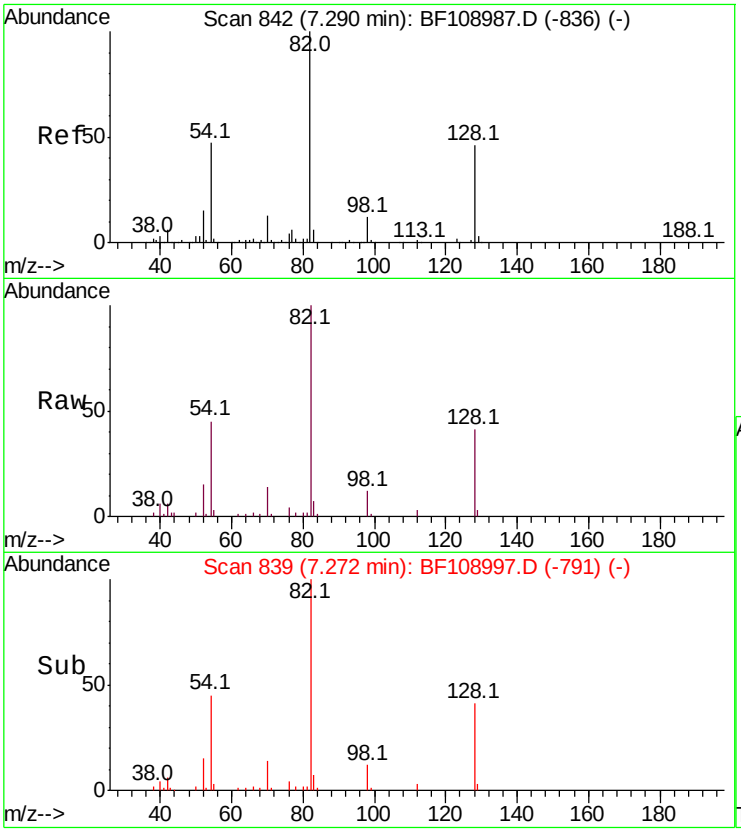


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:136 Resp: 570494

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4



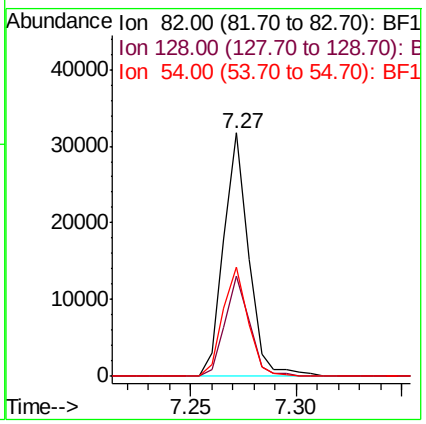


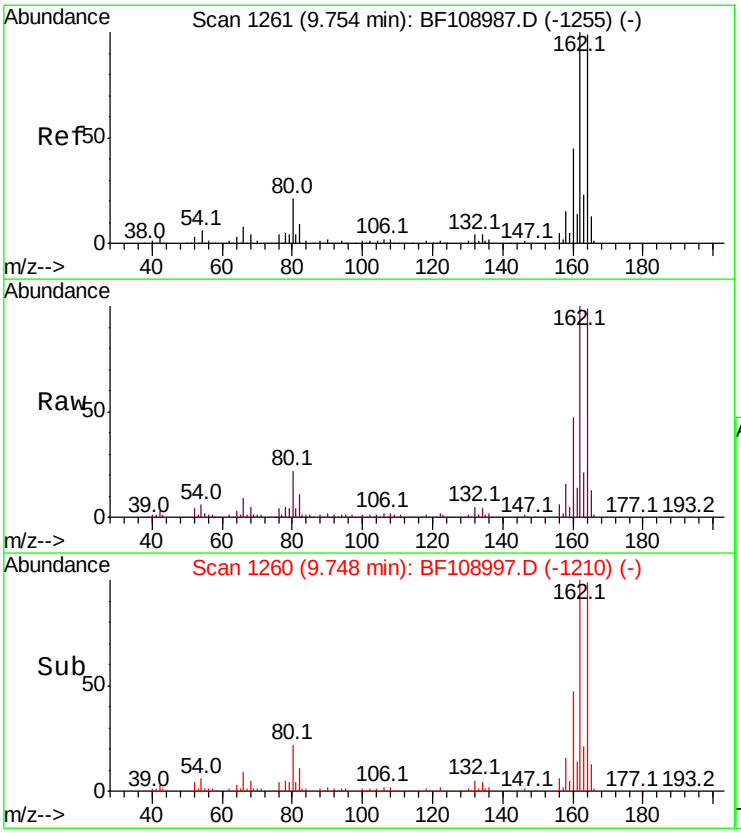
#23
Nitrobenzene-d5
Concen: 2.552 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion: 82 Resp: 25954

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	44.7	41.4	62.2

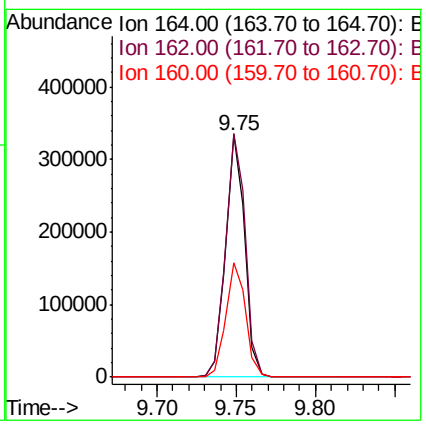


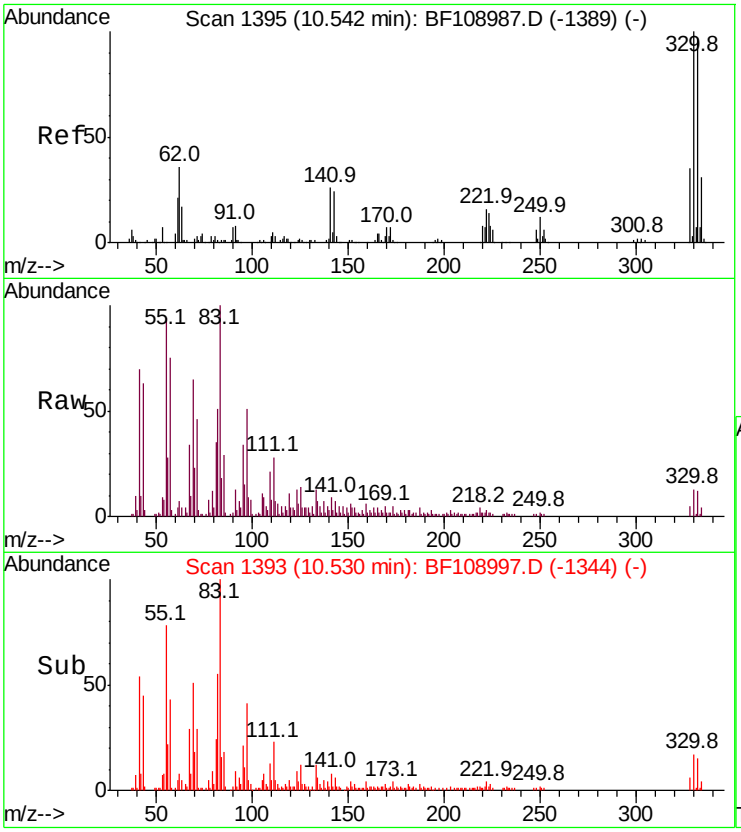


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:164 Resp: 277844

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	47.2	38.3	57.5



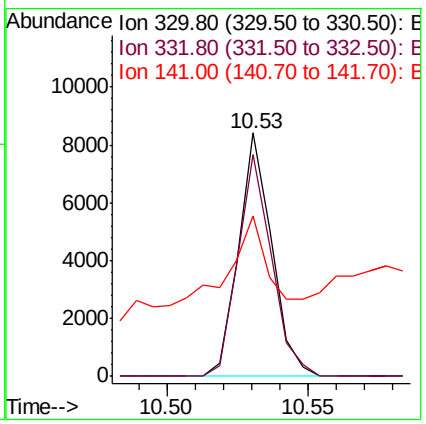


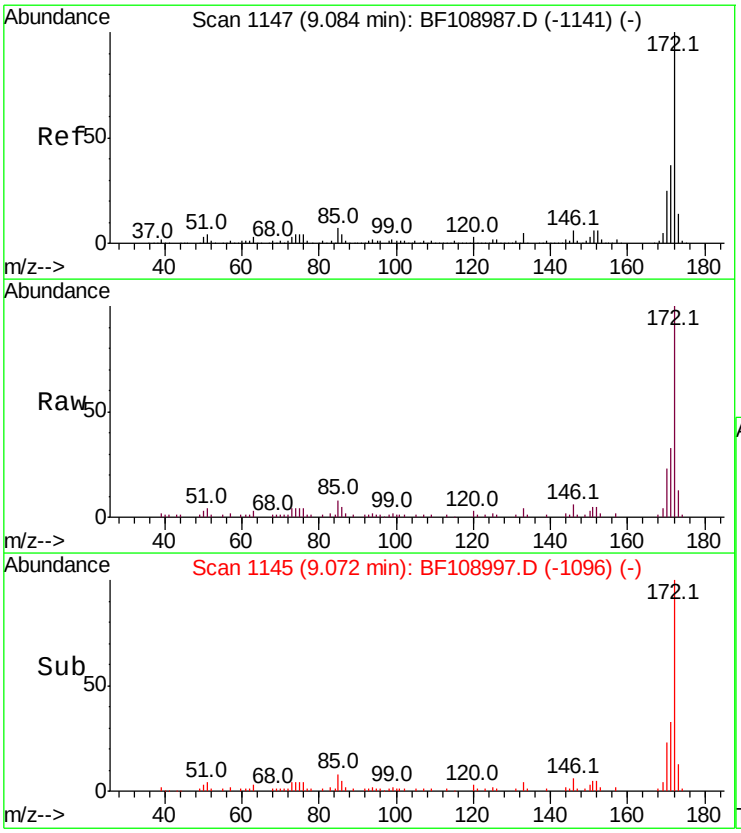
#41
2,4,6-Tribromophenol
Concen: 2.272 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion:330 Resp: 6851

Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	70.5	29.9	44.9#

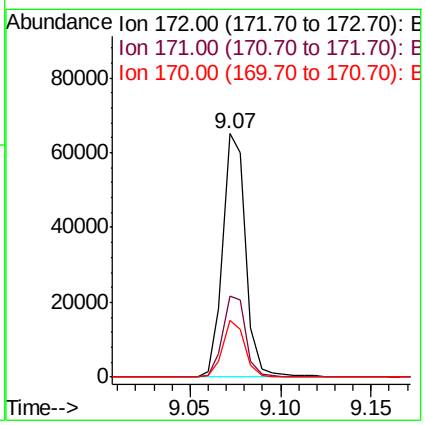


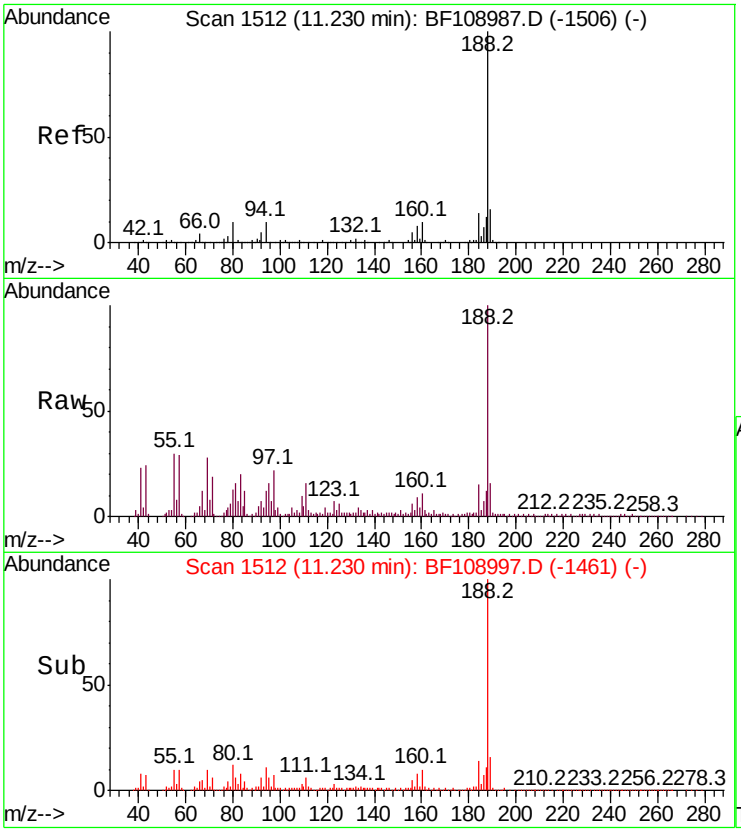


#44
2-Fluorobiphenyl
Concen: 3.243 ng
RT: 9.07 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:172 Resp: 57511

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.7	44.5
170	23.5	19.6	29.4



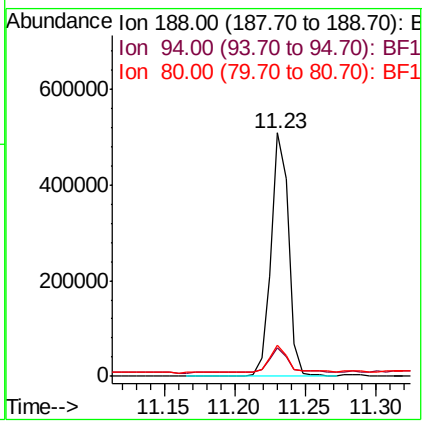


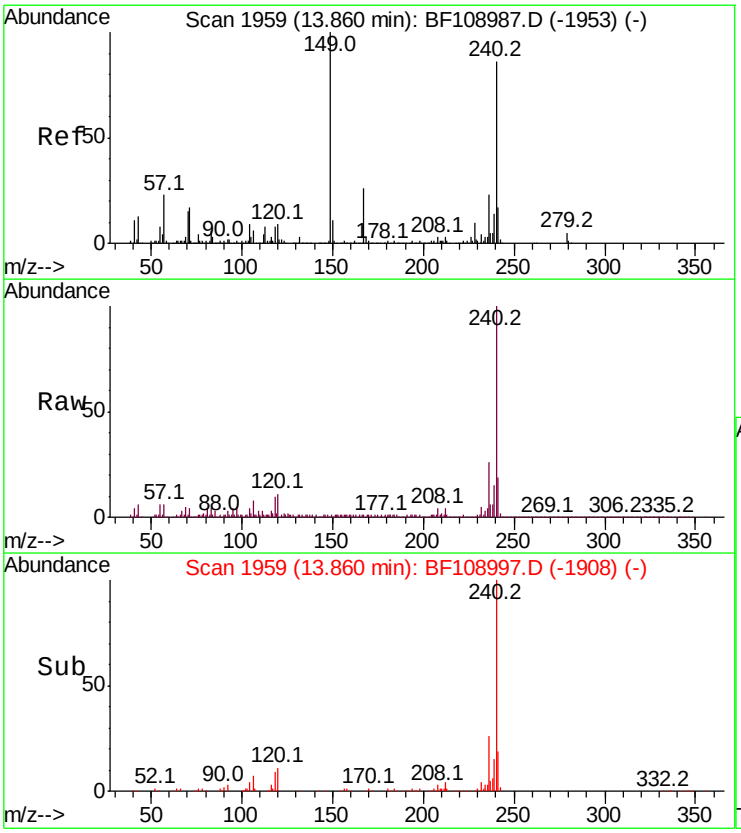
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion:188 Resp: 440437

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	13.0	9.2	13.8

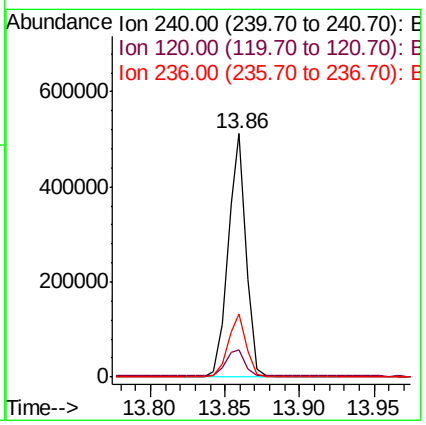


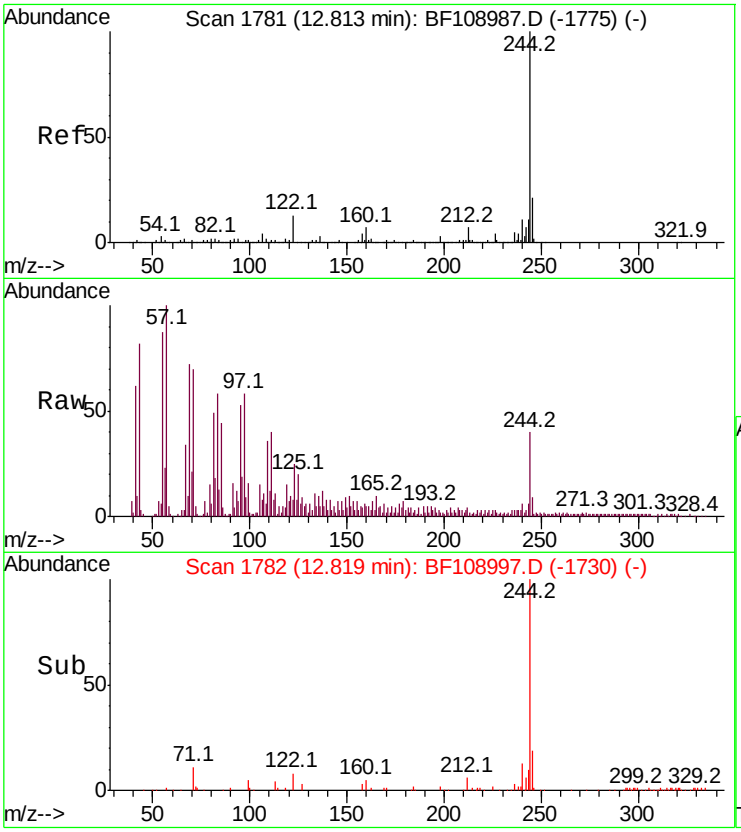


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:240 Resp: 434137

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.8	20.7	31.1



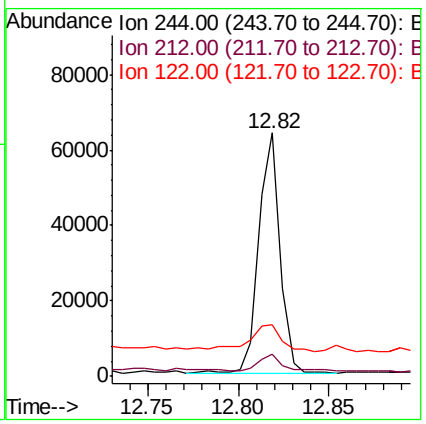


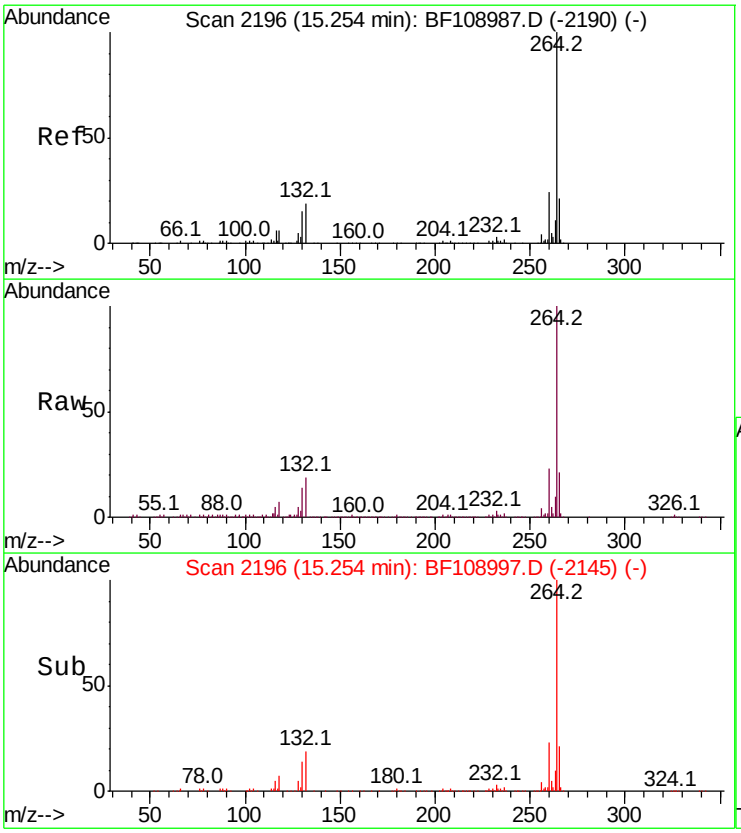
#78
Terphenyl-d14
Concen: 2.827 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :
NM-CONCRETE

Tgt Ion:244 Resp: 51786

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	21.2	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: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:264 Resp: 376474

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3