Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

Quant Time: Aug 24 05:59:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148041	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	535965	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	227873	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	321152	20.00	ng	0.00
75) Chrysene-d12	14.21	240	260876	20.00	ng	0.00
86) Perylene-d12	15.77	264	225792	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	682145	83.42	ng	0.00
7) Phenol-d6	6.62	99	921986	84.85	ng	-0.01
23) Nitrobenzene-d5	7.56	82	610487	63.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	150606	66.26	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1052547	74.16	ng	0.00
78) Terphenyl-d14	13.14	244	668688	65.17	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	63370	3.992	ng	# 95
70) Phenanthrene	11.57	178	78766	5.200	ng	# 87

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

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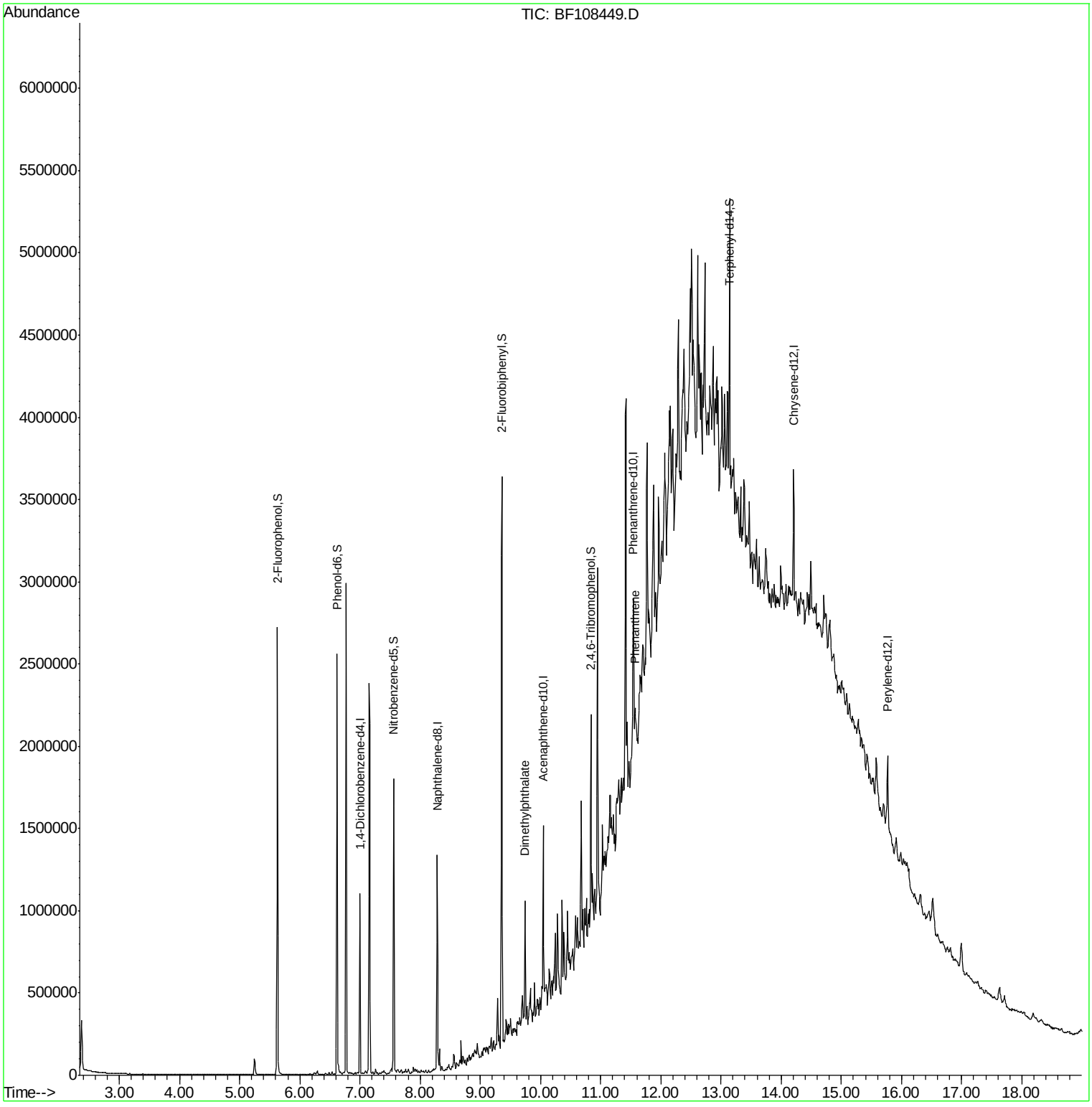
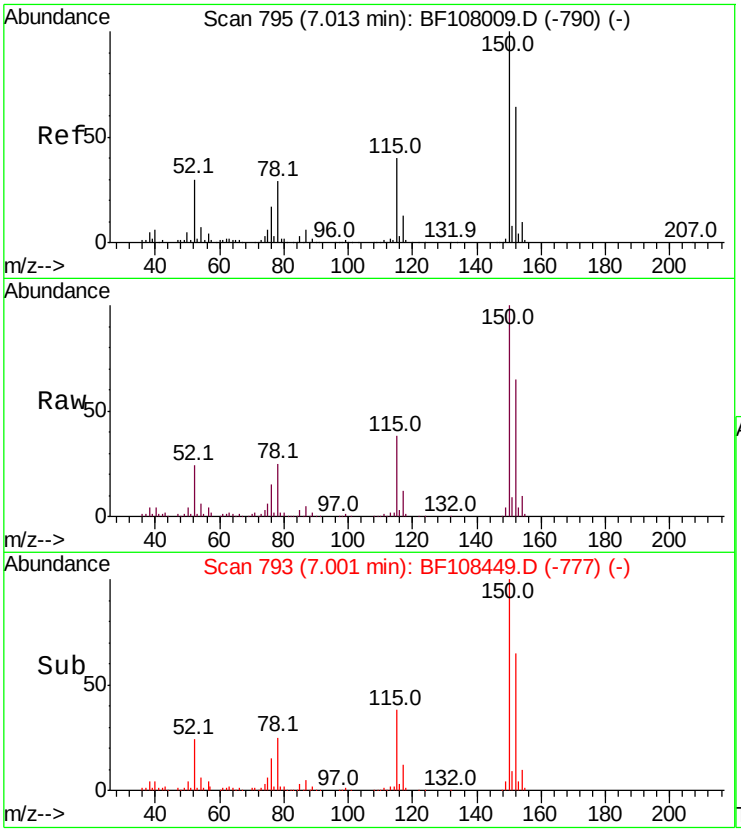


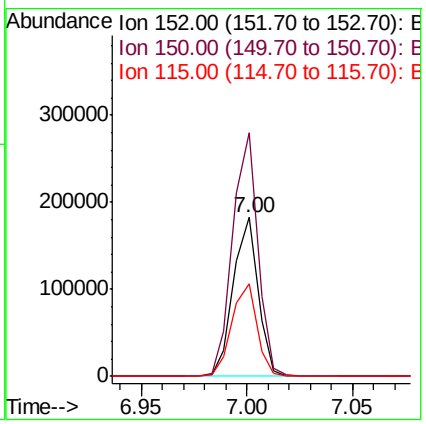


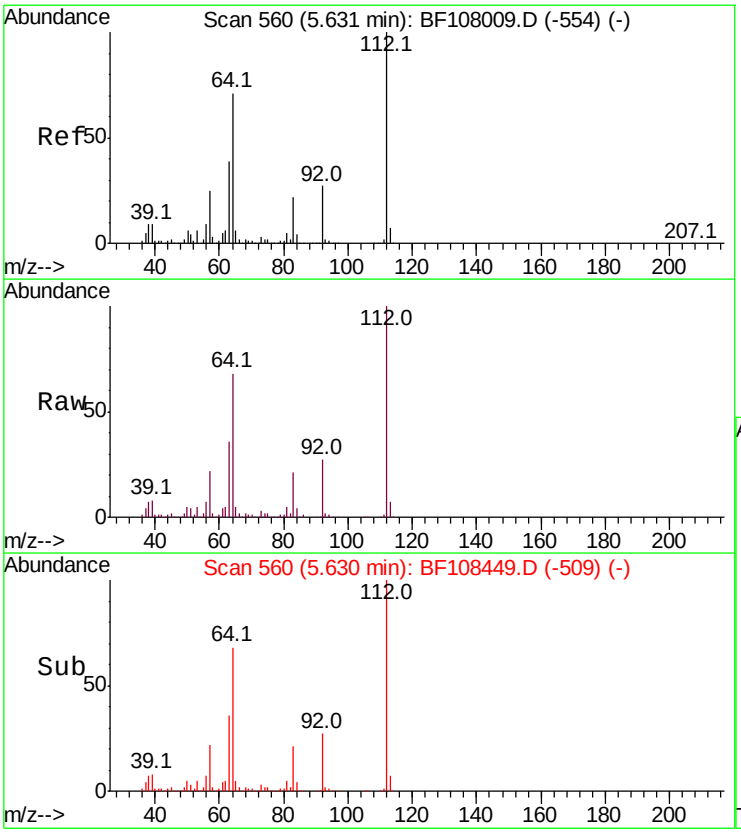
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion:152 Resp: 148041

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	58.2	50.1	75.1

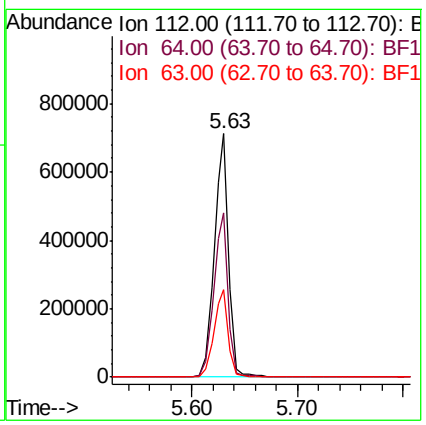


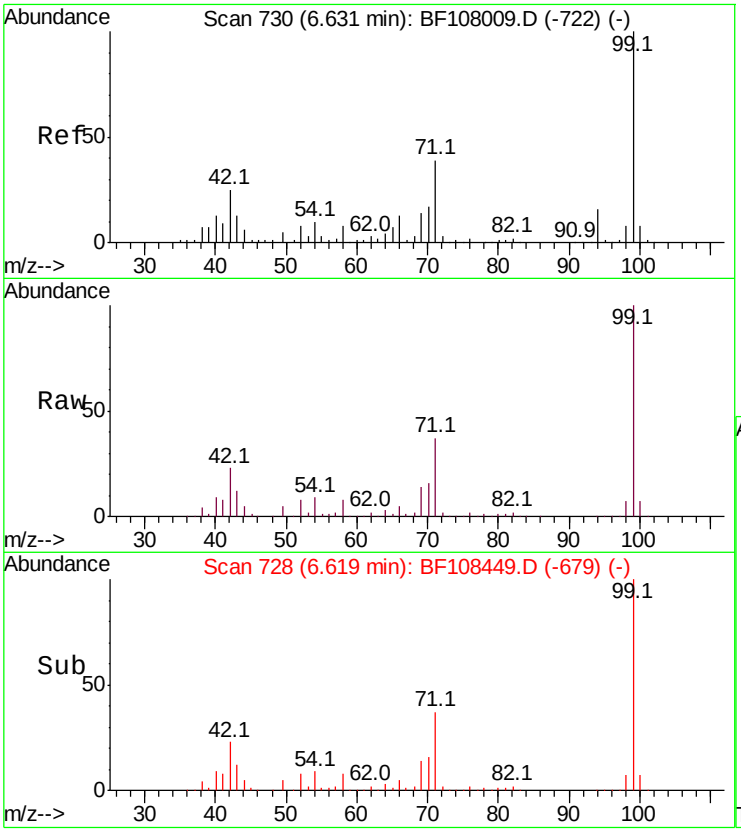


#5
2-Fluorophenol
Concen: 83.422 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:112 Resp: 682145

Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	35.8	23.7	35.5#



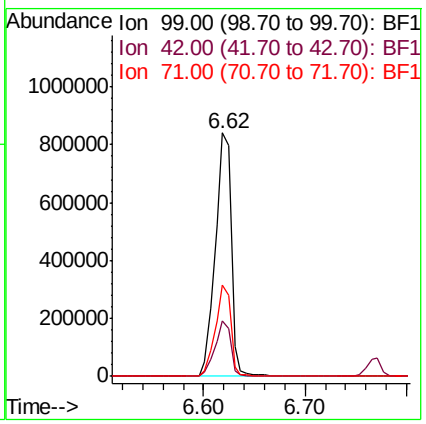


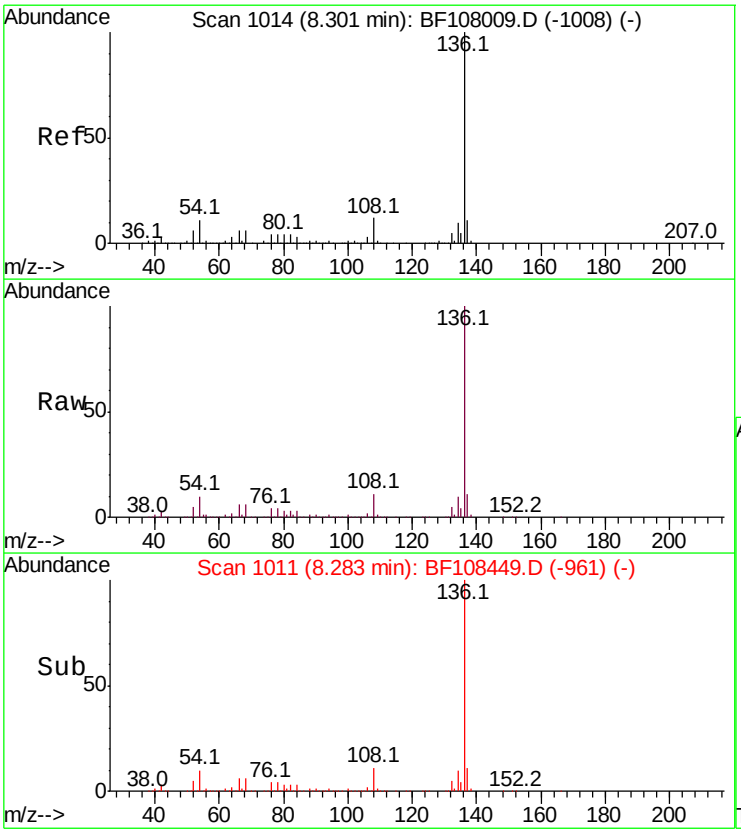
#7
Phenol-d6
Concen: 84.849 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion: 99 Resp: 921986

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	37.3	25.4	38.0

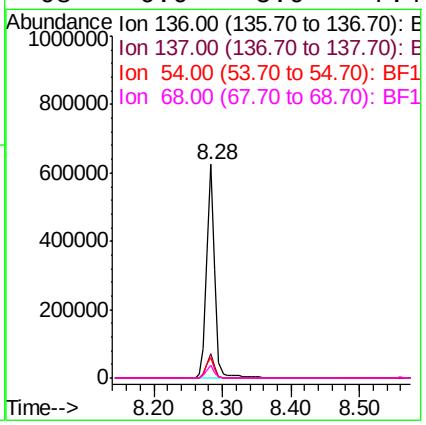


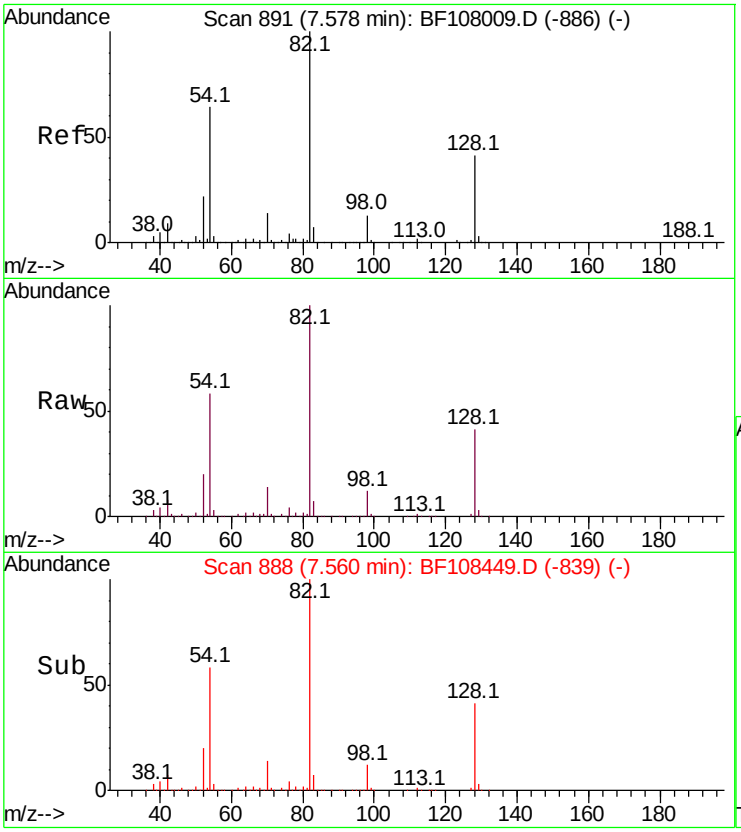


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:136 Resp: 535965

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.0	5.0	7.4



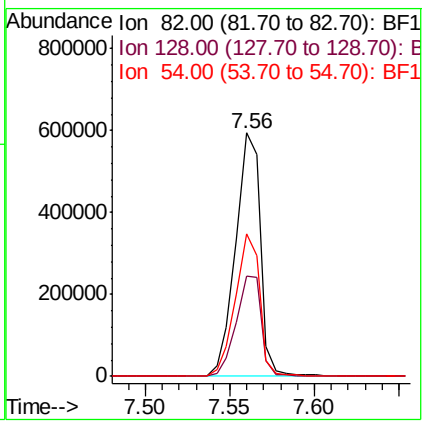


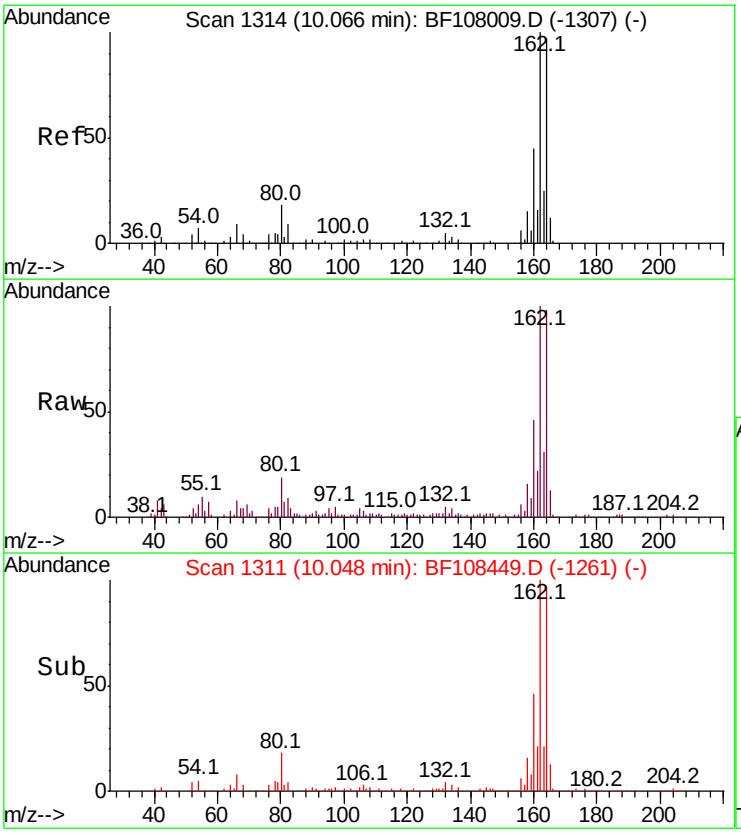
#23
Nitrobenzene-d5
Concen: 63.560 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion: 82 Resp: 610487

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.4	41.4	62.2

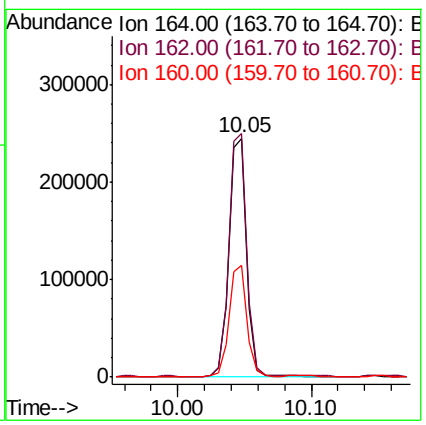


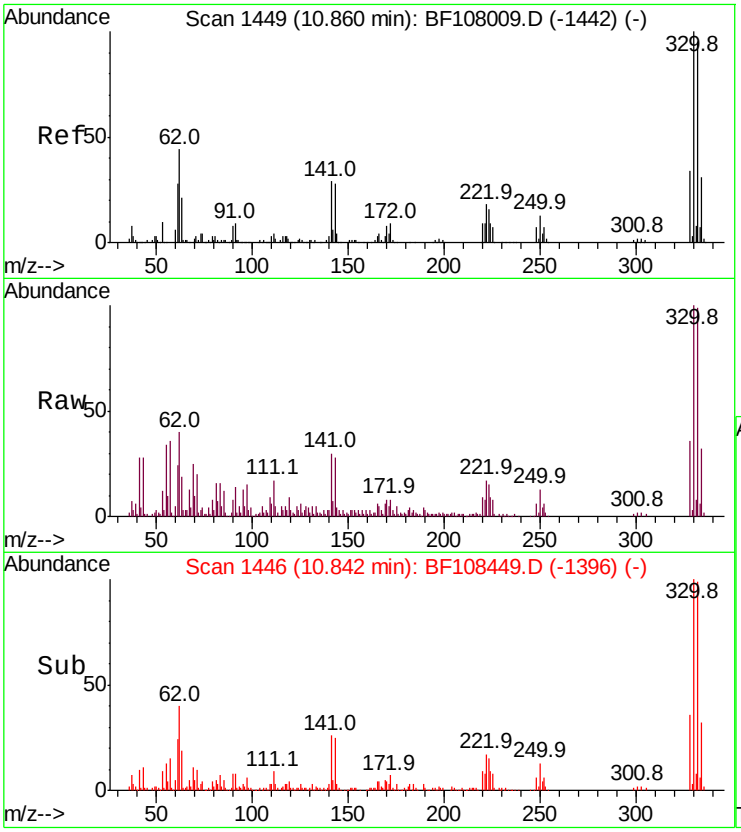


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:164 Resp: 227873

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.0	38.3	57.5



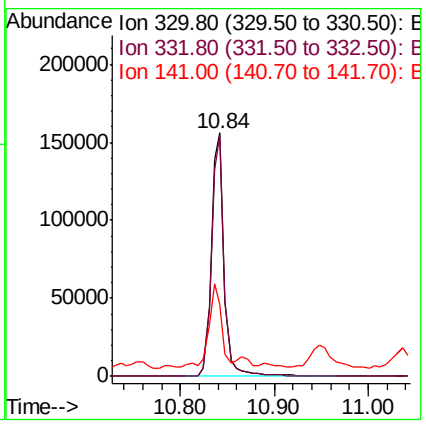


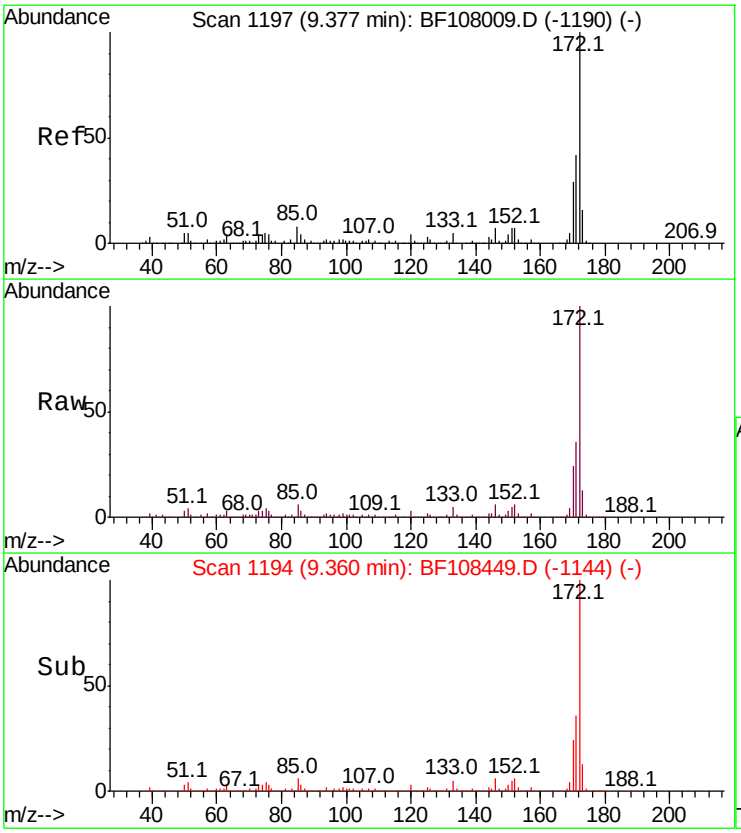
#41
2,4,6-Tribromophenol
Concen: 66.259 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion:330 Resp: 150606

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.2	29.9	44.9

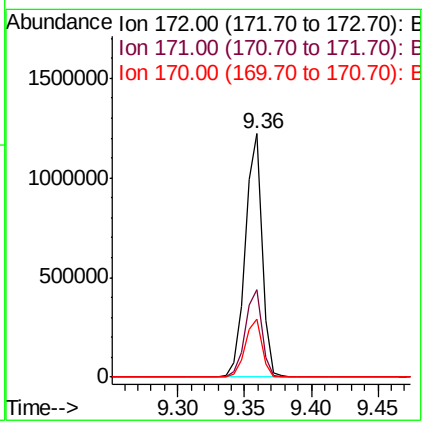


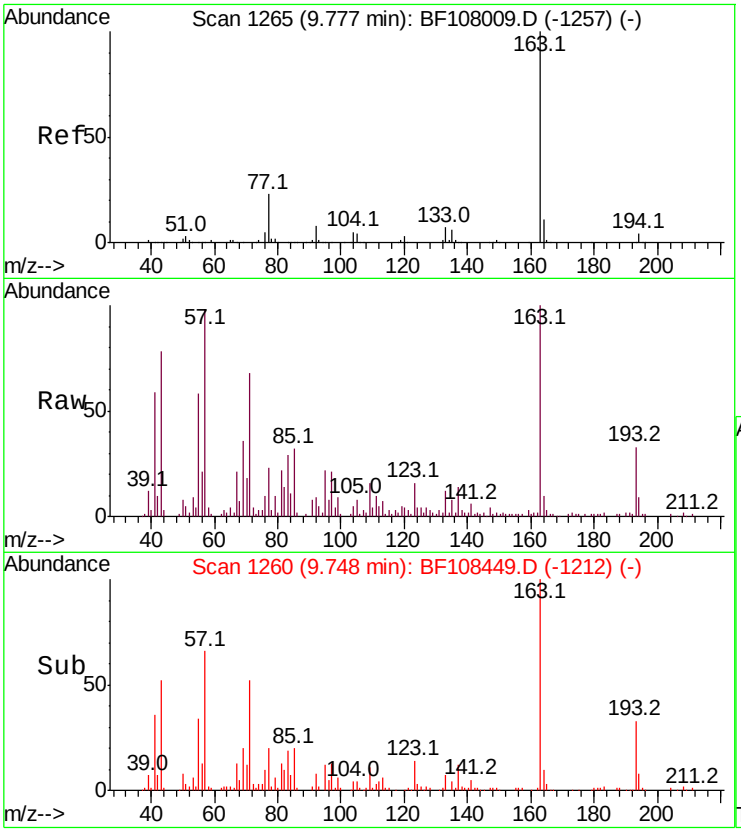


#44
2-Fluorobiphenyl
Concen: 74.157 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:172 Resp: 1052547

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



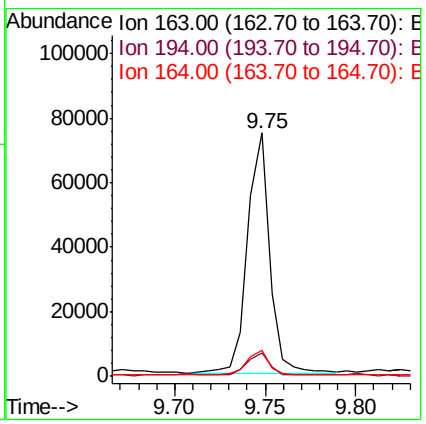


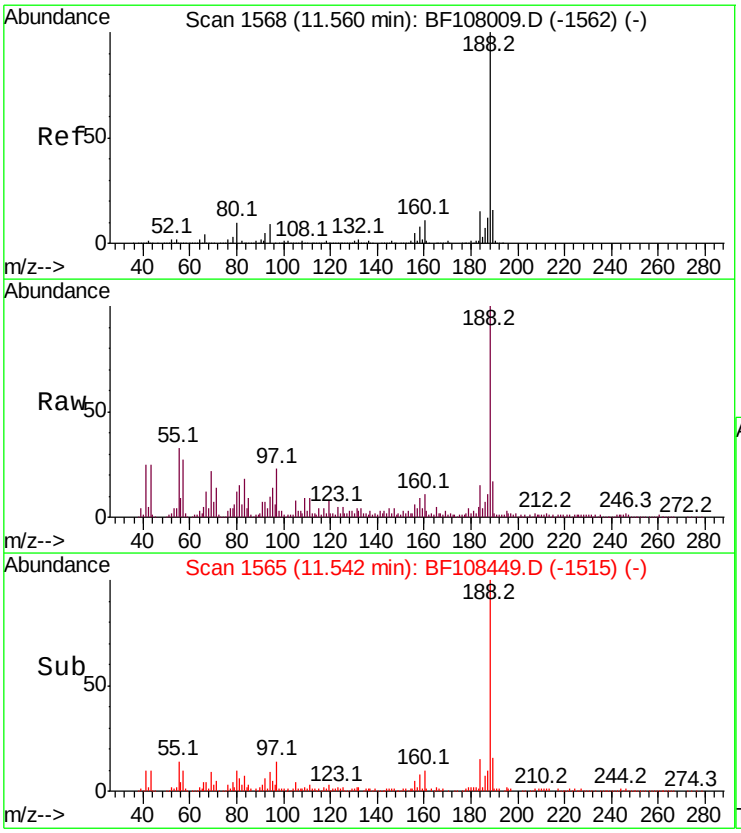
#49
Dimethylphthalate
Concen: 3.992 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion:163 Resp: 63370

Ion	Ratio	Lower	Upper
163	100		
194	9.4	2.7	4.1#
164	10.5	8.2	12.2

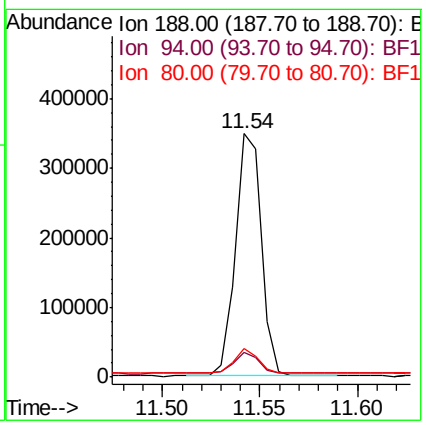


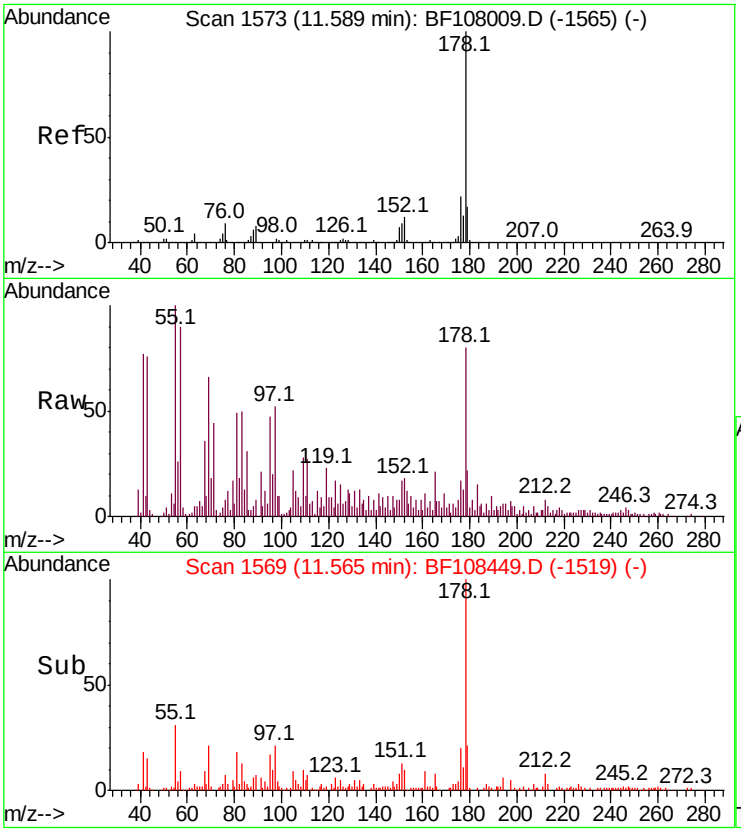


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:188 Resp: 321152

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.8	9.2	13.8



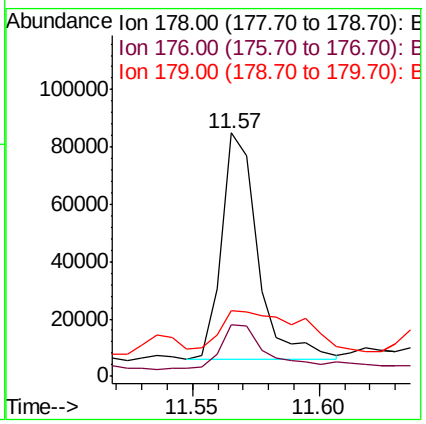


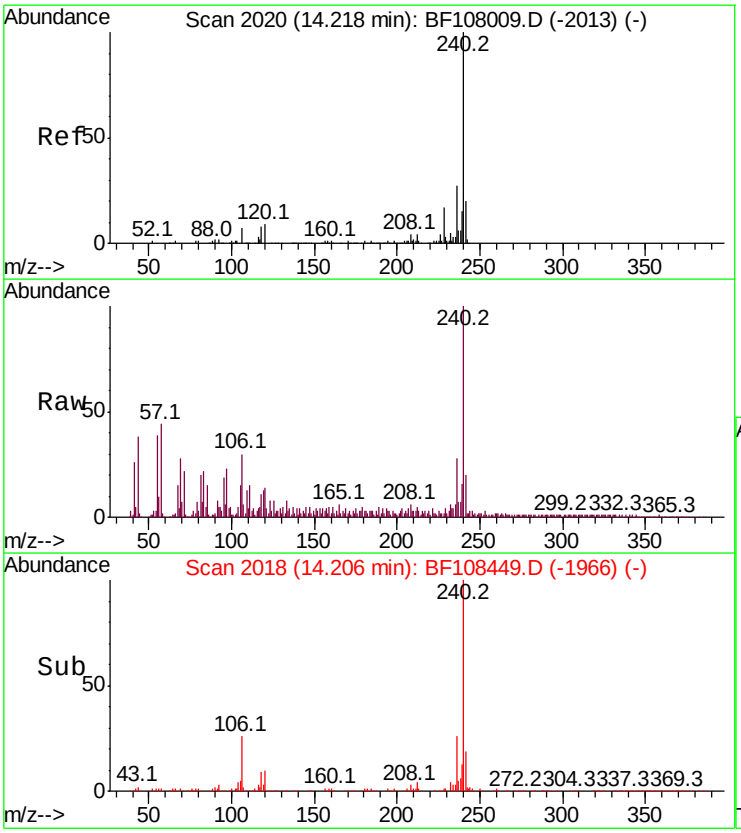
#70
Phenanthrene
Concen: 5.200 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion:178 Resp: 78766

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	27.2	13.0	19.6#

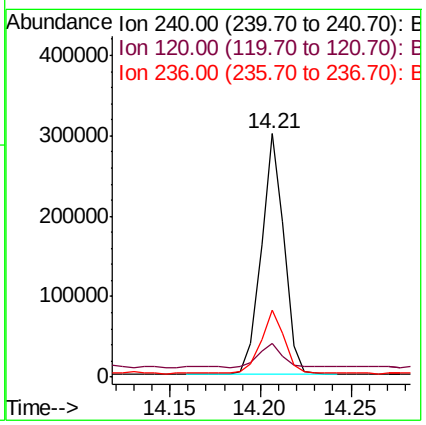


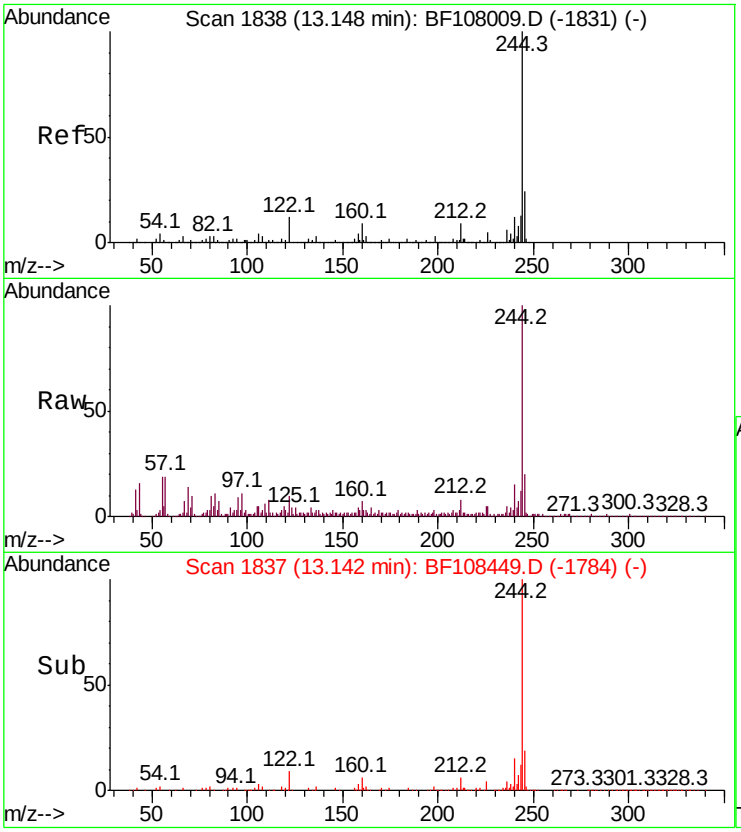


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:240 Resp: 260876

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.6	20.7	31.1



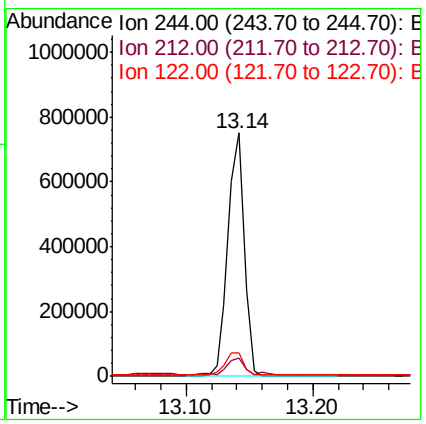


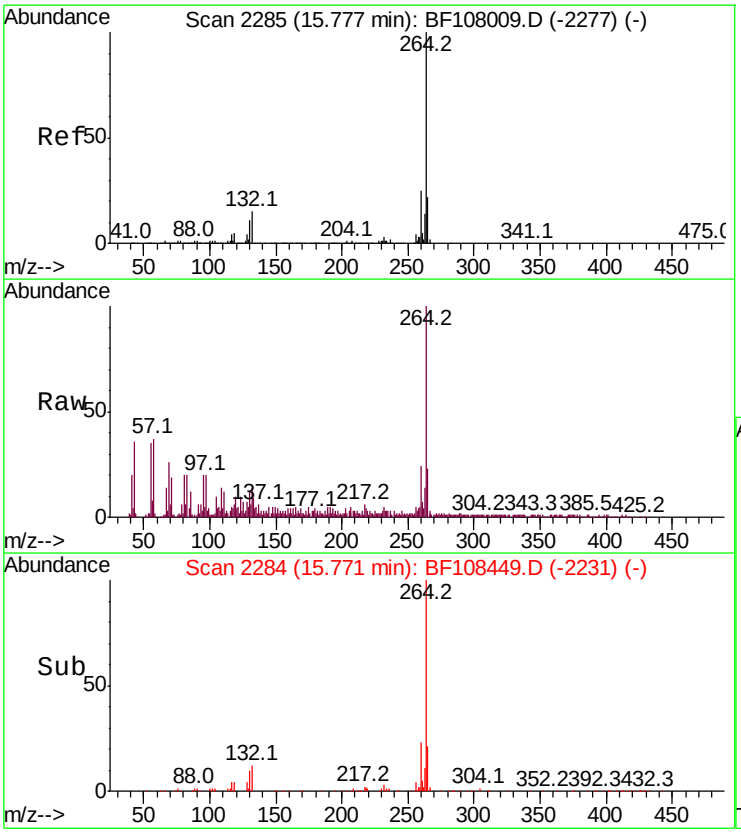
#78
Terphenyl-d14
Concen: 65.172 ng
RT: 13.14 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-042

Tgt Ion:244 Resp: 668688

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF108449.D
Acq: 24 Aug 2018 5:04

Tgt Ion:264 Resp: 225792

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	17.5	26.3