Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108559.D
Acq On : 28 Aug 2018 16:58
Operator : JU/SJ
Sample : J4523-02 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Time: Aug 28 18:24:14 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	120113	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	449769	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	203496	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	320645	20.00	ng	0.00
75) Chrysene-d12	14.20	240	275105	20.00	ng	0.00
86) Perylene-d12	15.77	264	242237	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	296957	44.76	ng	0.01
7) Phenol-d6	6.64	99	411327	46.66	ng	0.00
23) Nitrobenzene-d5	7.56	82	259260	32.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	90699	44.68	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	466512	36.81	ng	-0.01
78) Terphenyl-d14	13.12	244	346875	32.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	50018	3.529	ng	97
83) Bis(2-ethylhexyl)phthalate	14.15	149	137772	14.710	ng	100

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

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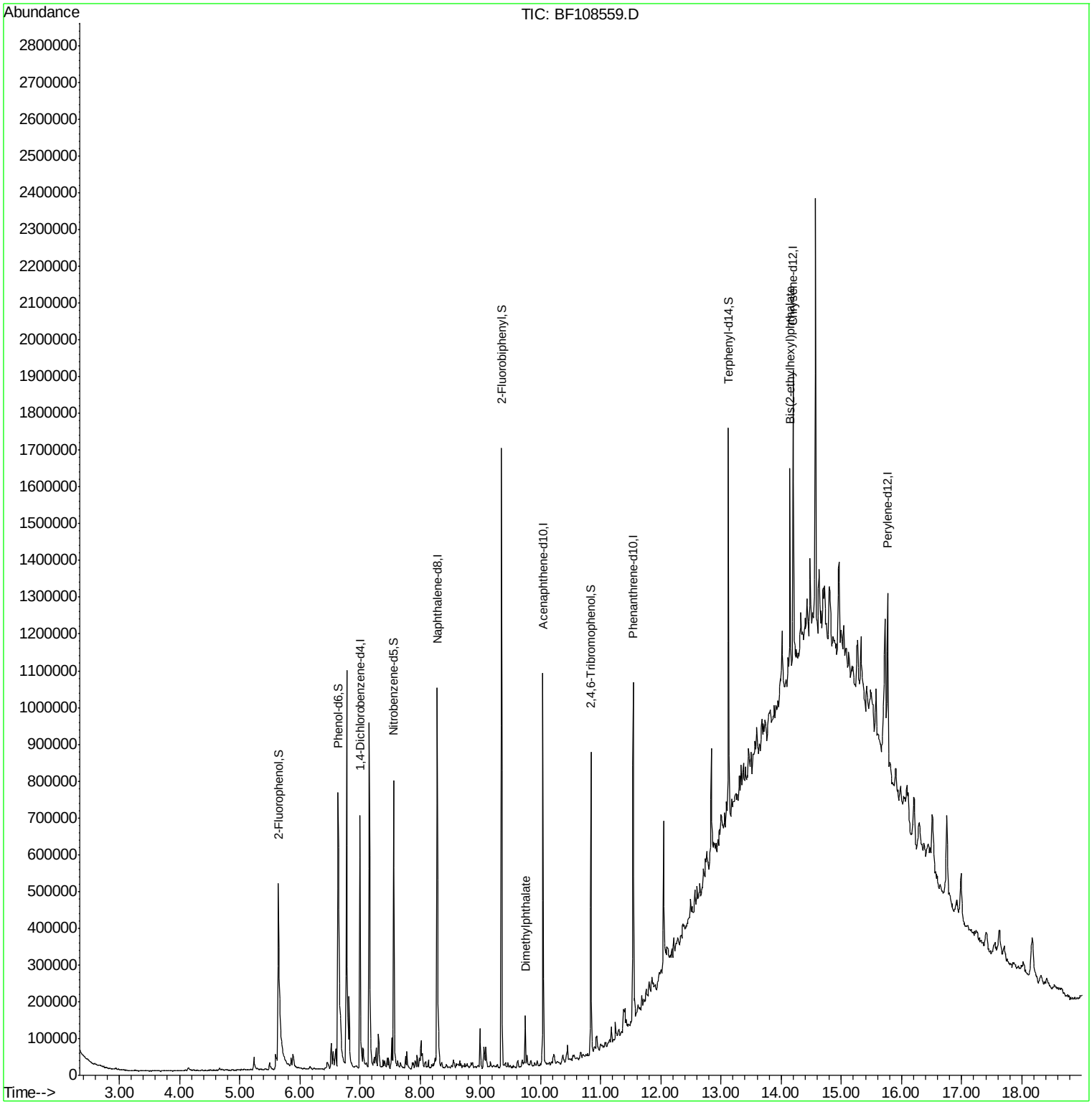
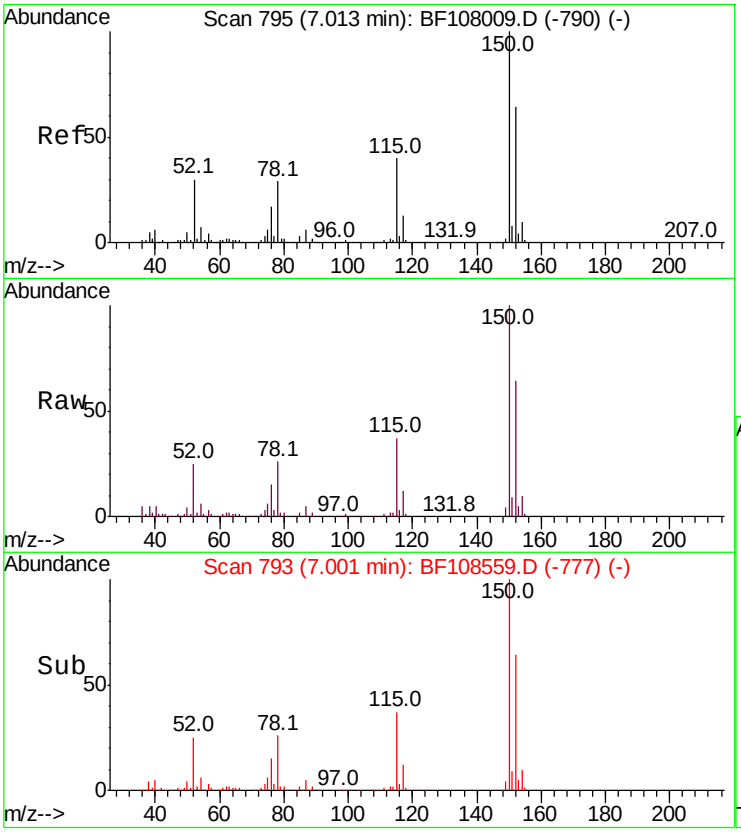


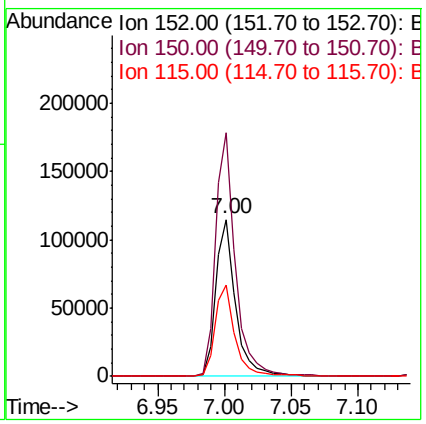


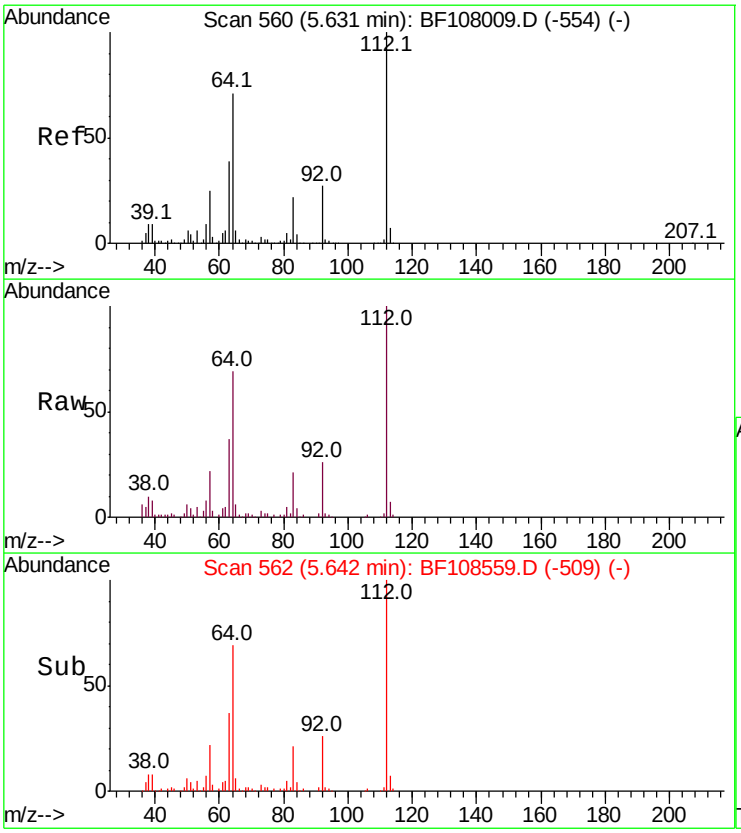
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 120113

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.0	50.1	75.1

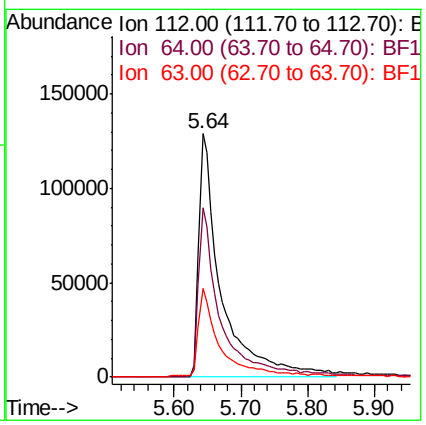


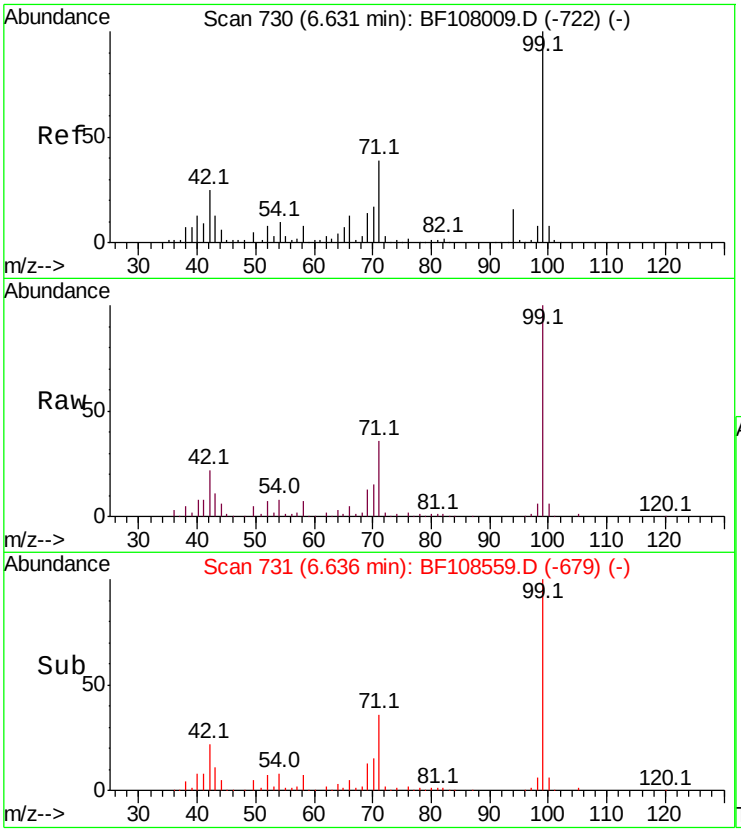


#5
2-Fluorophenol
Concen: 44.760 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:112 Resp: 296957

Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.5	23.7	35.5#



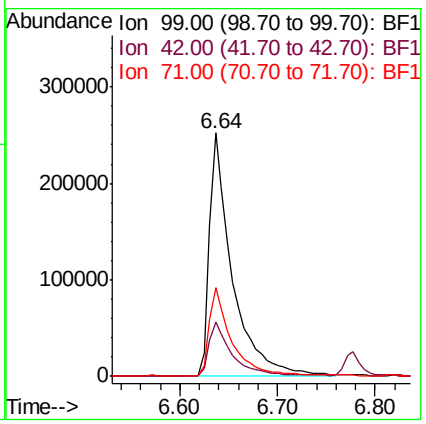


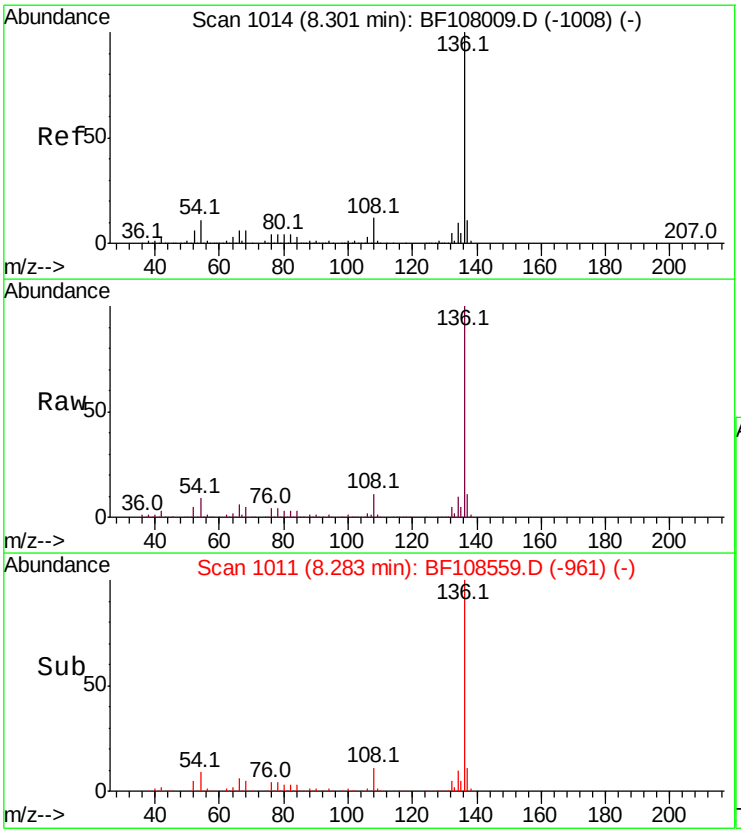
#7
Phenol-d6
Concen: 46.656 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 411327

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	36.5	25.4	38.0

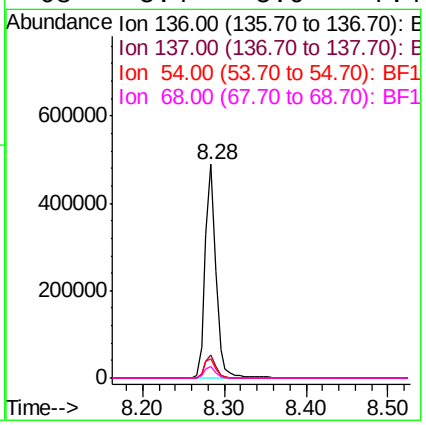


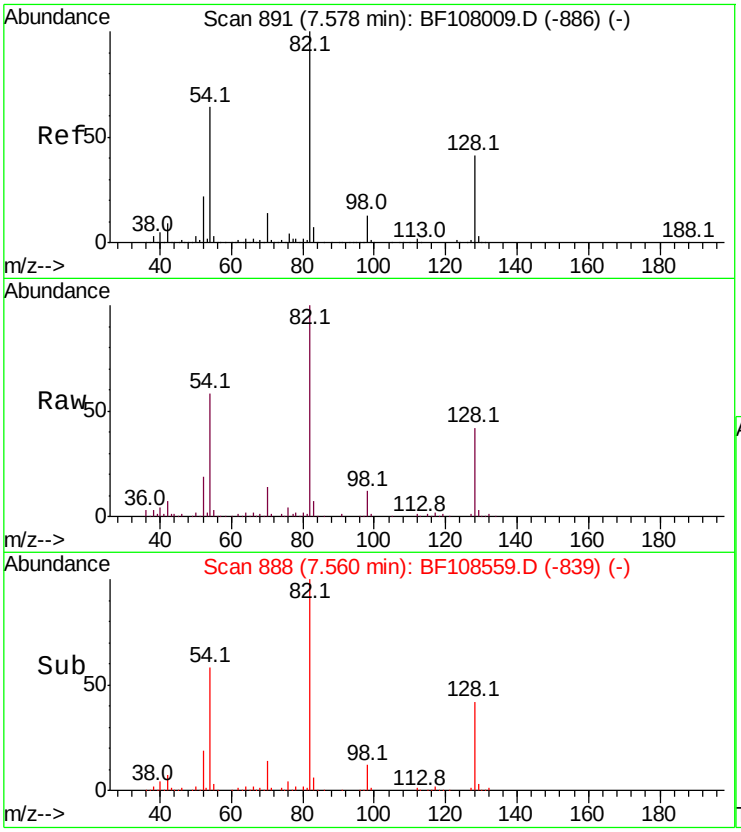


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:136 Resp: 449769

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4



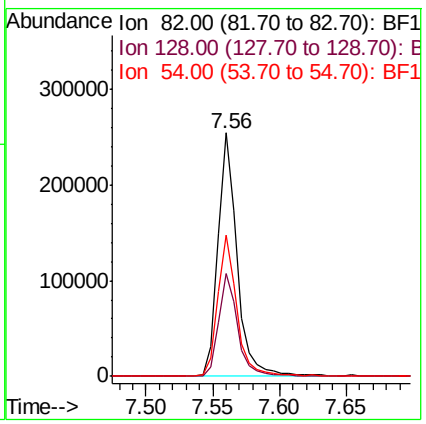


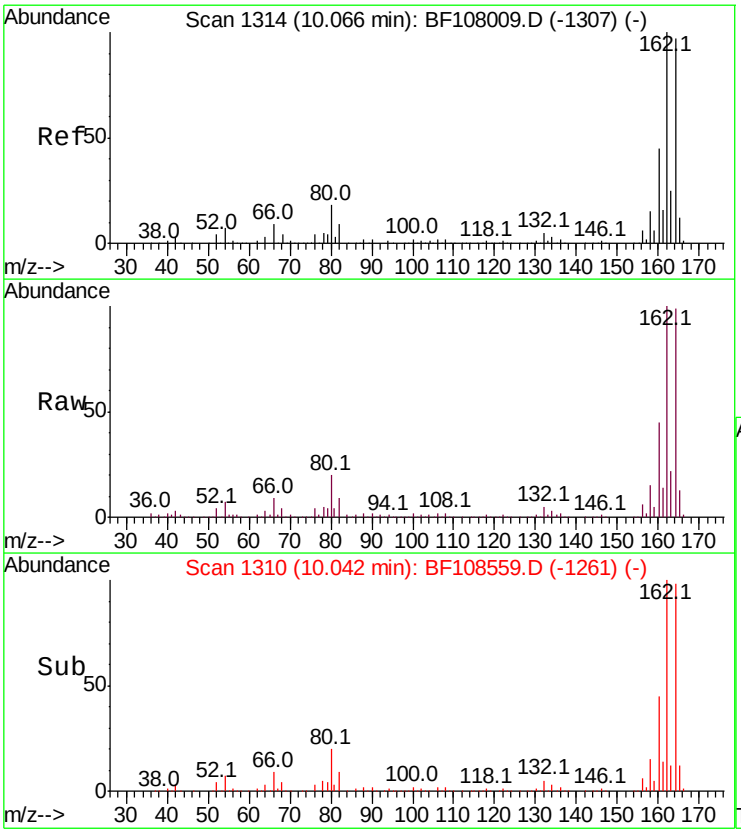
#23
Nitrobenzene-d5
Concen: 32.166 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 82 Resp: 259260

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.3	41.4	62.2

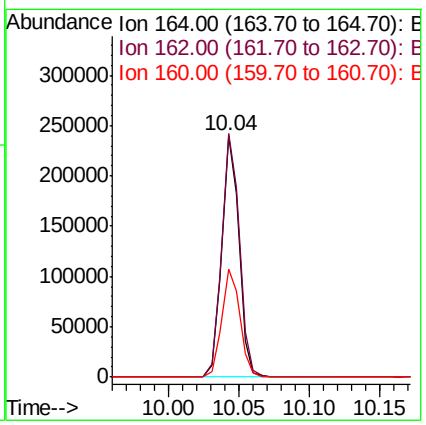


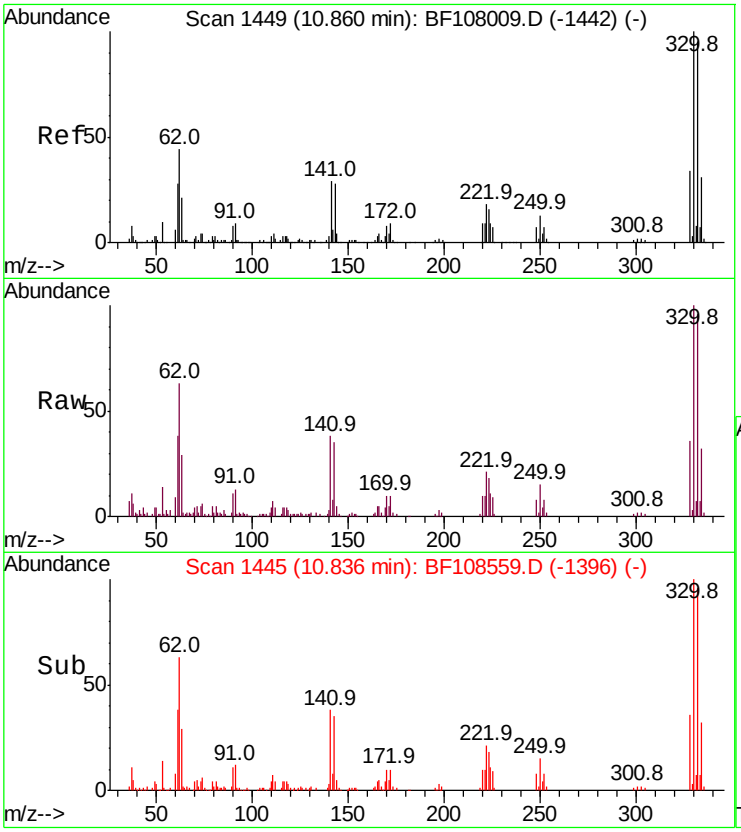


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:164 Resp: 203496

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.0	38.3	57.5



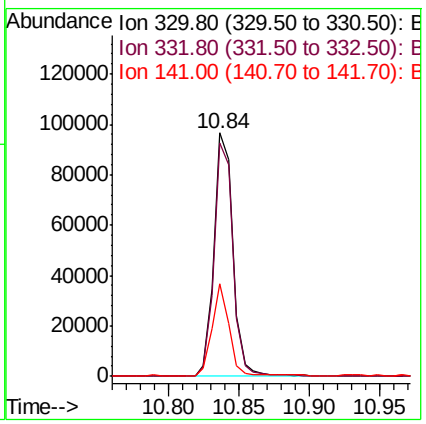


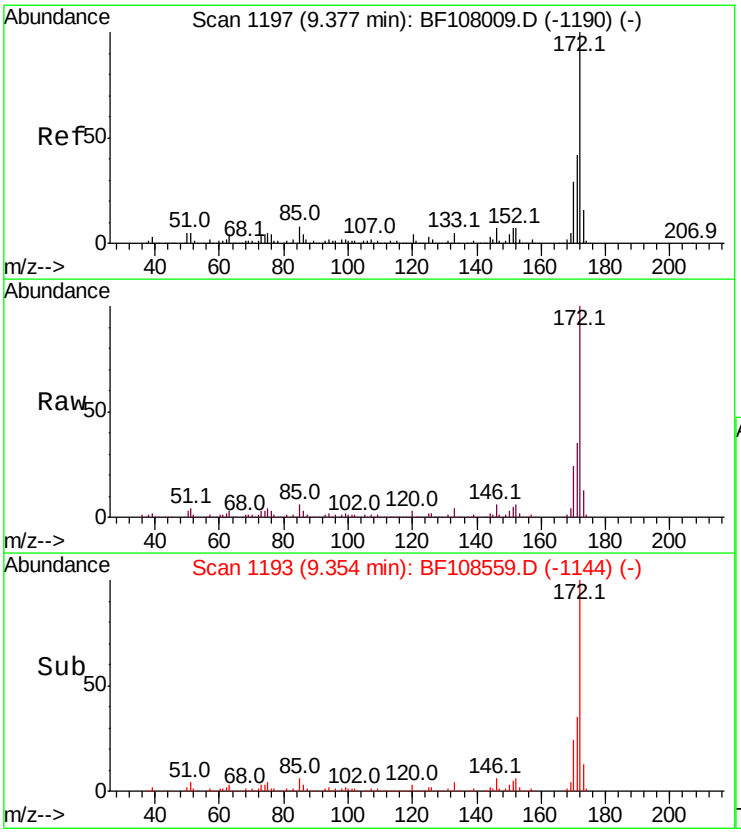
#41
2,4,6-Tribromophenol
Concen: 44.683 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:330 Resp: 90699

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	35.4	29.9	44.9

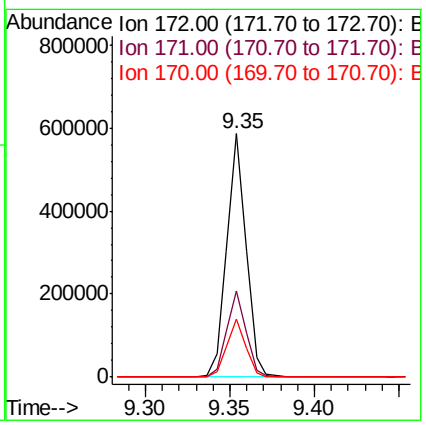


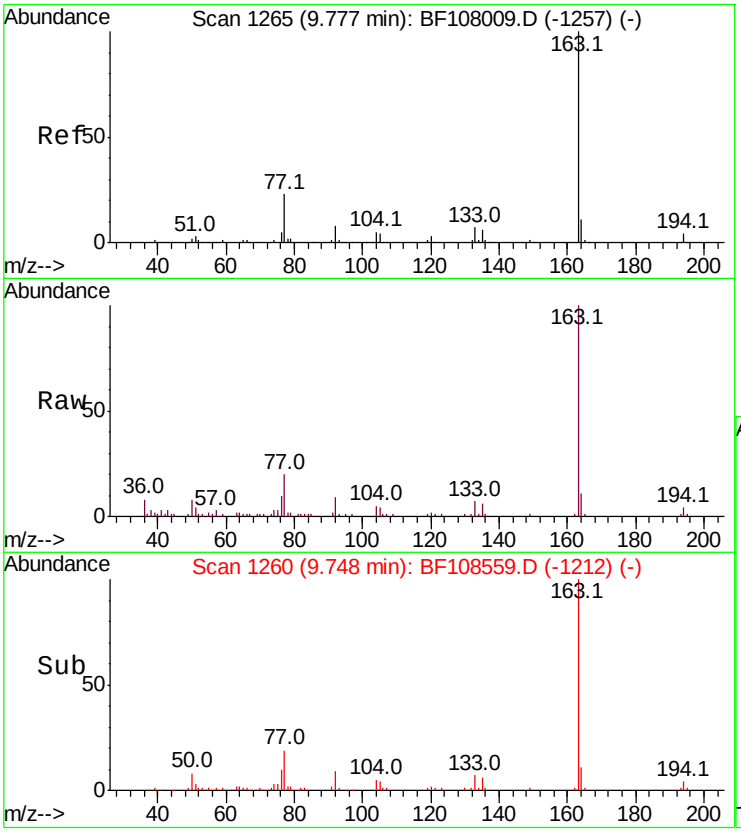


#44
2-Fluorobiphenyl
Concen: 36.805 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:172 Resp: 466512

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4

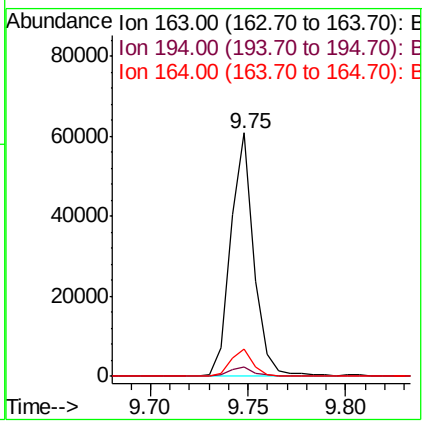




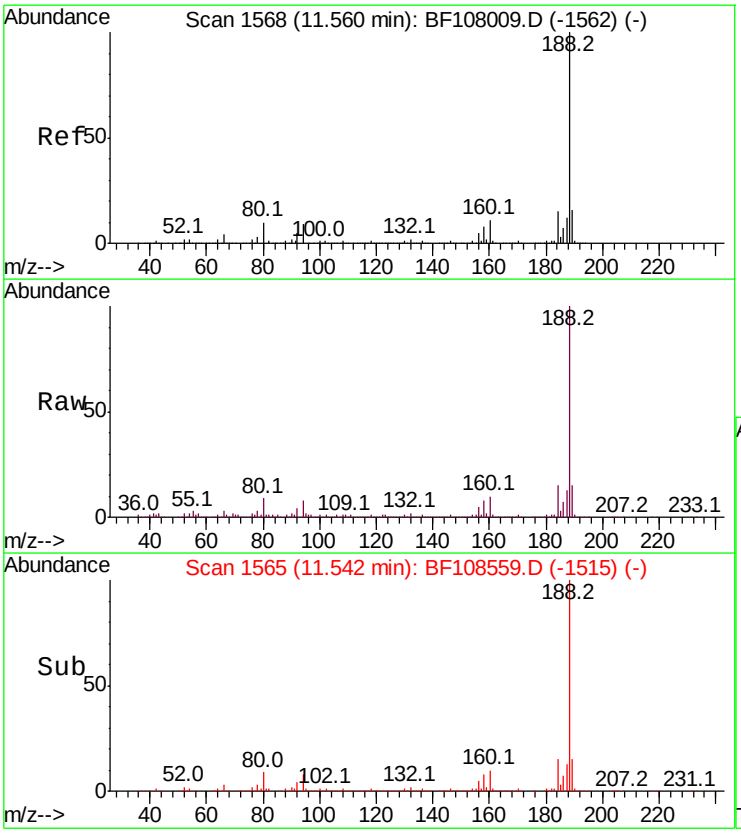
#49
Dimethylphthalate
Concen: 3.529 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:163 Resp: 50018

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.3	8.2	12.2



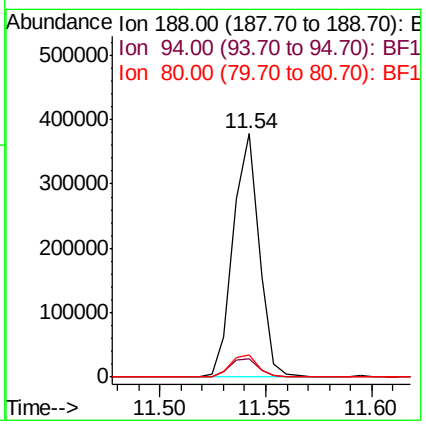
Instrument :
BNA_F
ClientSampleId :
WC-2

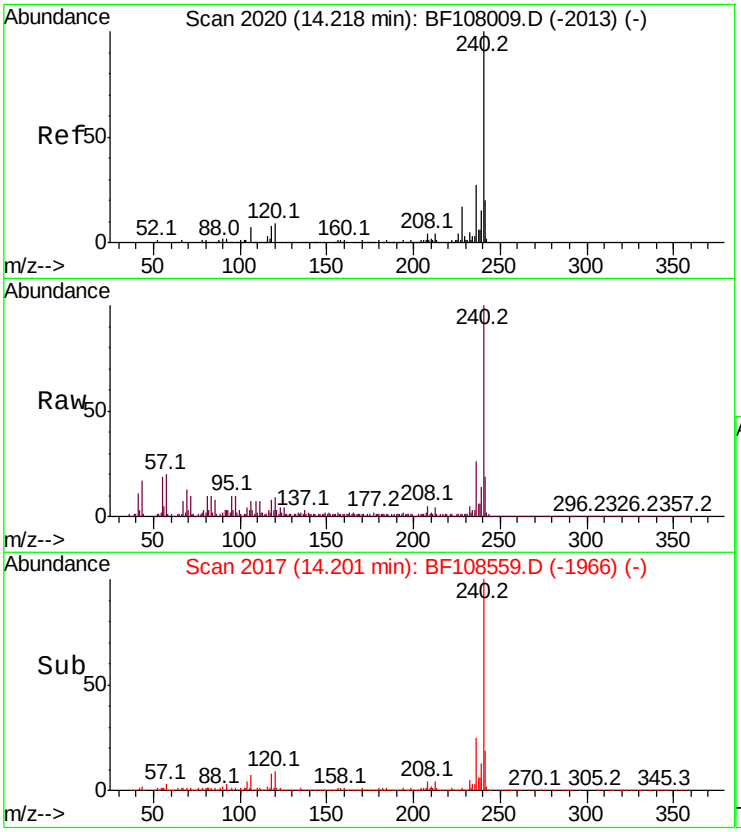


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:188 Resp: 320645

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	9.0	9.2	13.8#



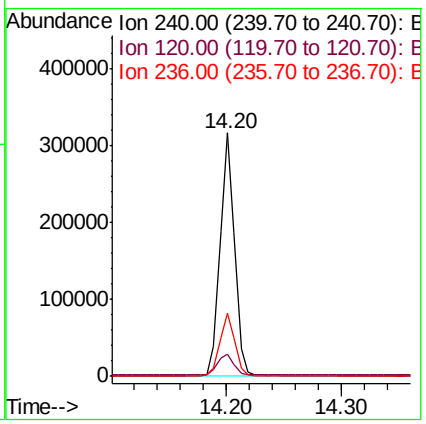


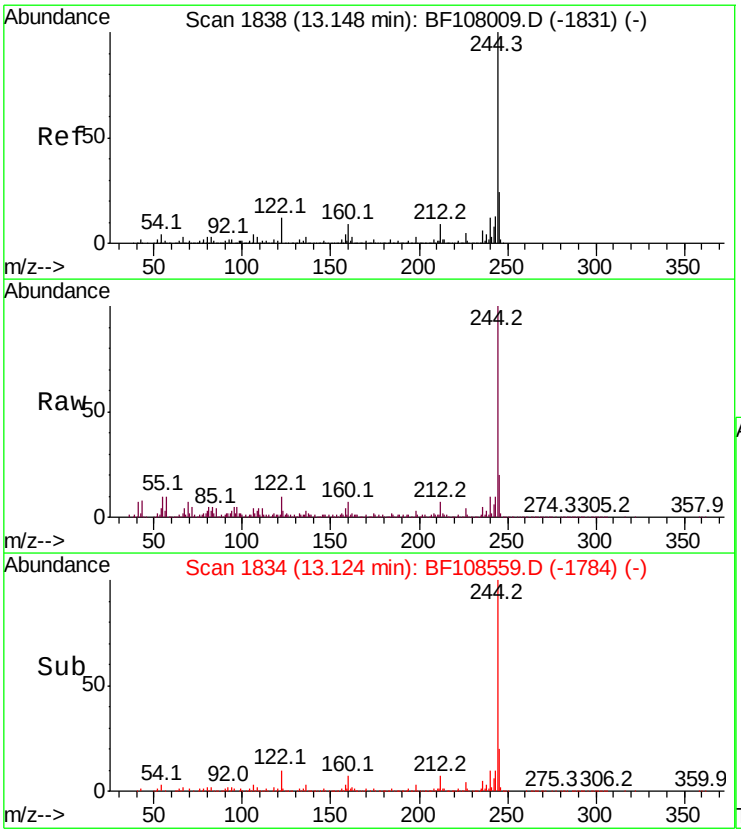
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:240 Resp: 275105

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.7	20.7	31.1

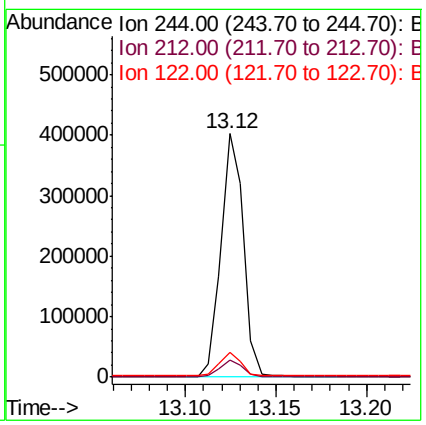


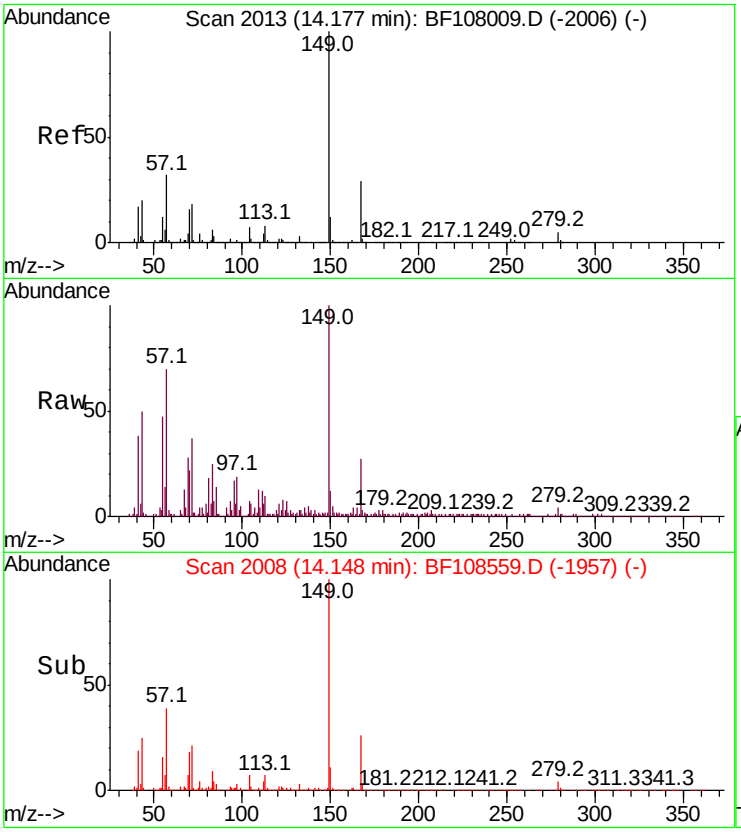


#78
Terphenyl-d14
Concen: 32.059 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:244 Resp: 346875

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.3	11.0	16.4#



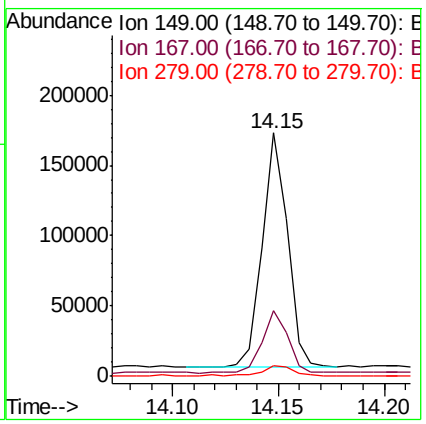


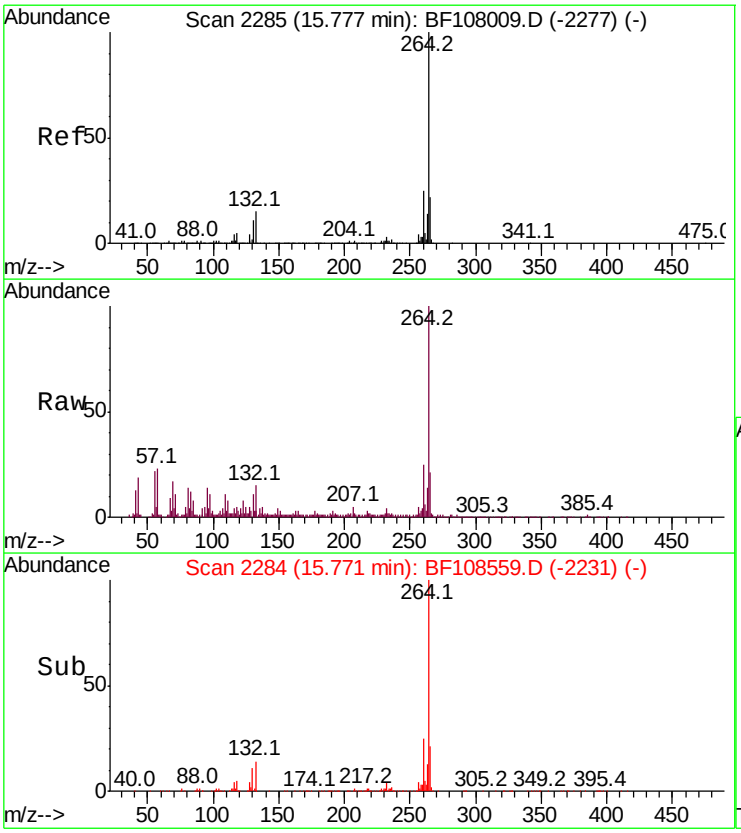
#83
Bis(2-ethylhexyl)phthalate
Concen: 14.710 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:149 Resp: 137772

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.2	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF108559.D
Acq: 28 Aug 2018 16:58

Tgt Ion:264 Resp: 242237

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.2	17.5	26.3