Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108866.D
Acq On : 7 Sep 2018 17:46
Operator : JU/SJ
Sample : J4809-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-DRUM-1-STONE

Quant Time: Sep 07 19:07:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219406	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	838954	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	376628	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	610030	20.00	ng	0.00
75) Chrysene-d12	13.87	240	441038	20.00	ng	0.00
86) Perylene-d12	15.28	264	468899	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	903442	68.22	ng	0.01
7) Phenol-d6	6.37	99	1163797	68.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	714775	53.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	232976	64.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1290506	58.46	ng	0.00
78) Terphenyl-d14	12.82	244	872612	46.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	153617	5.832	ng	# 99
83) Bis(2-ethylhexyl)phthalate	13.87	149	52688	2.743	ng	# 93

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

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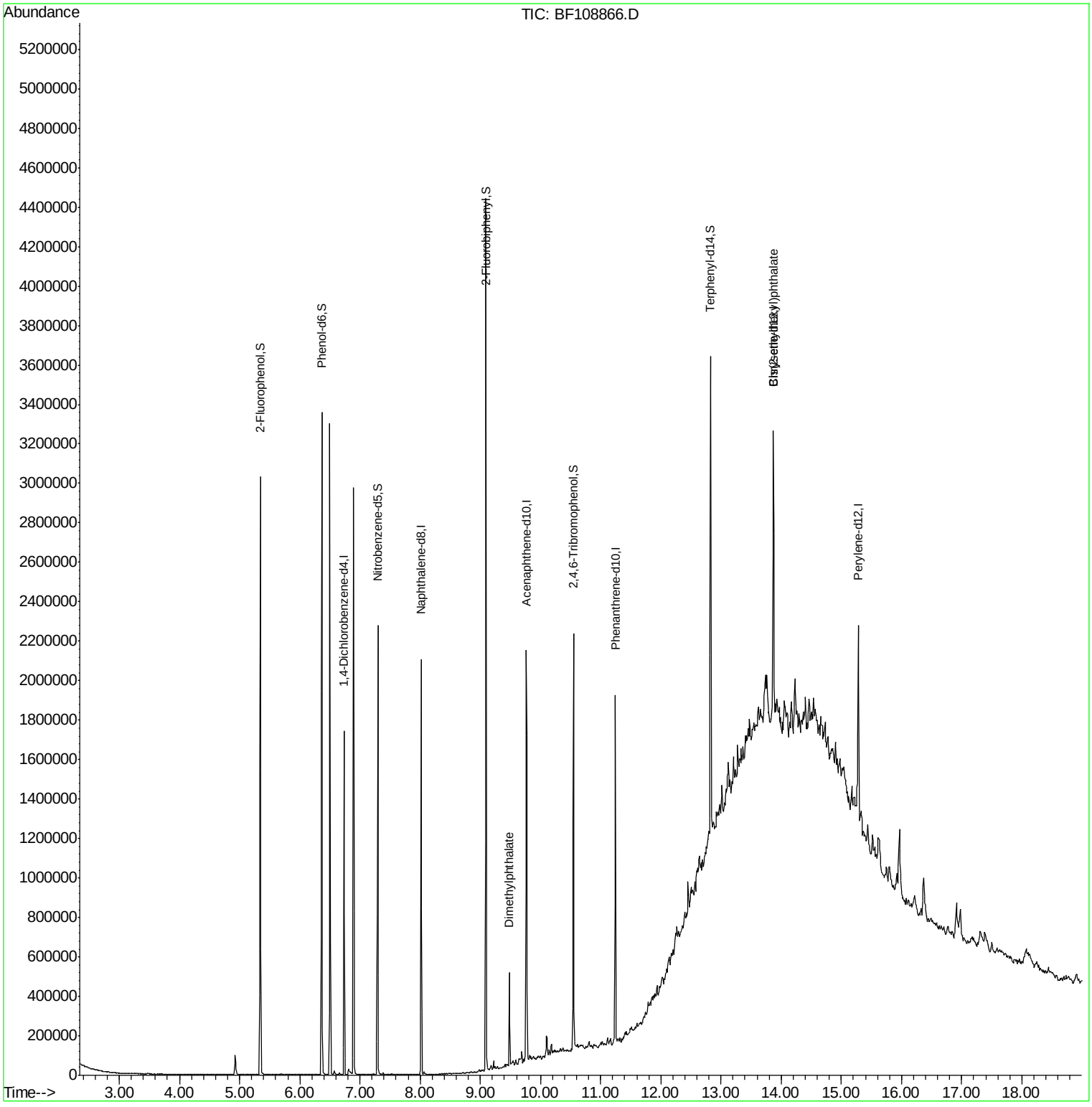
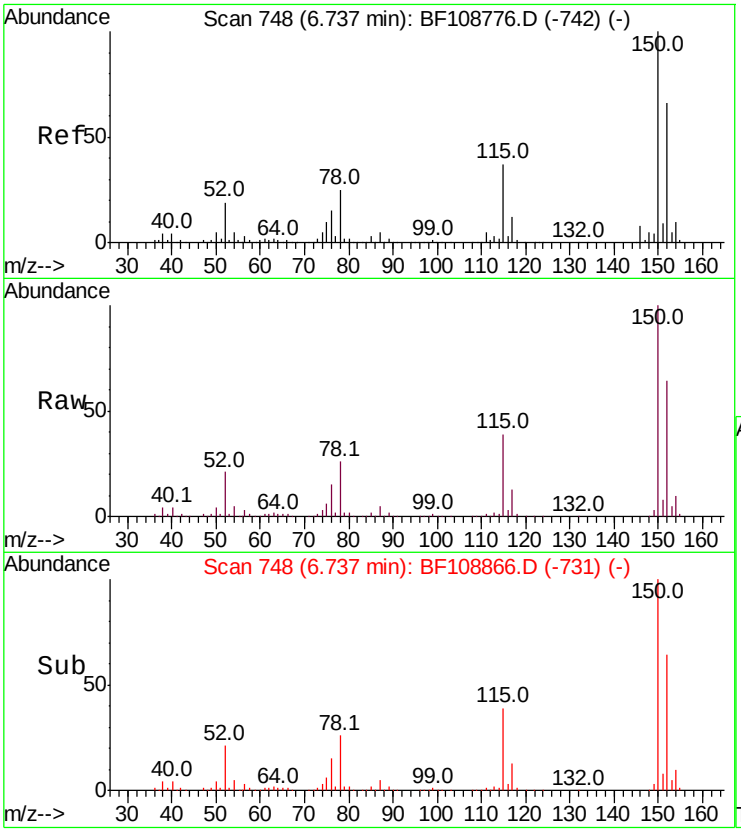


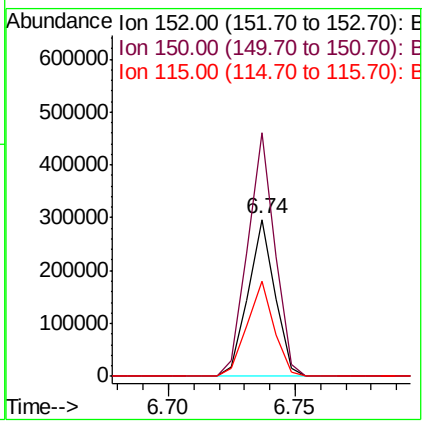


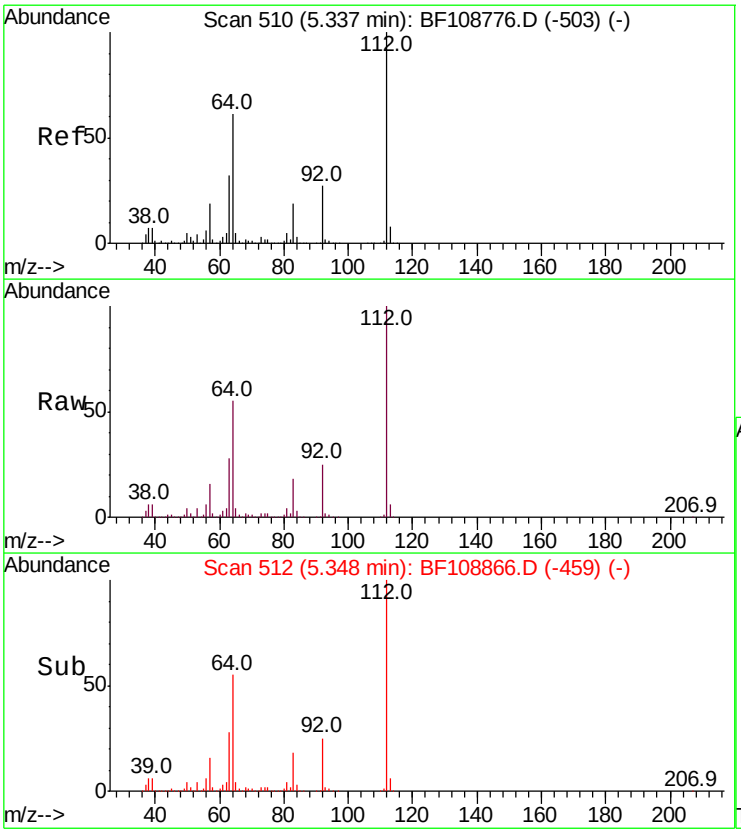
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:152 Resp: 219406

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.4	50.1	75.1

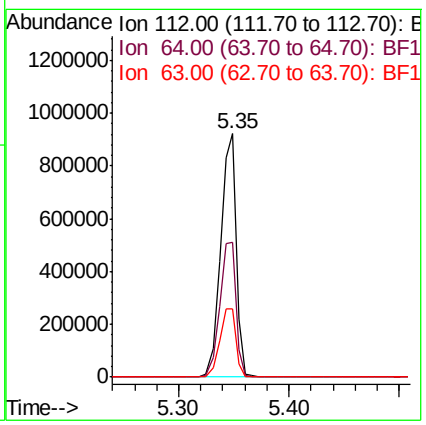


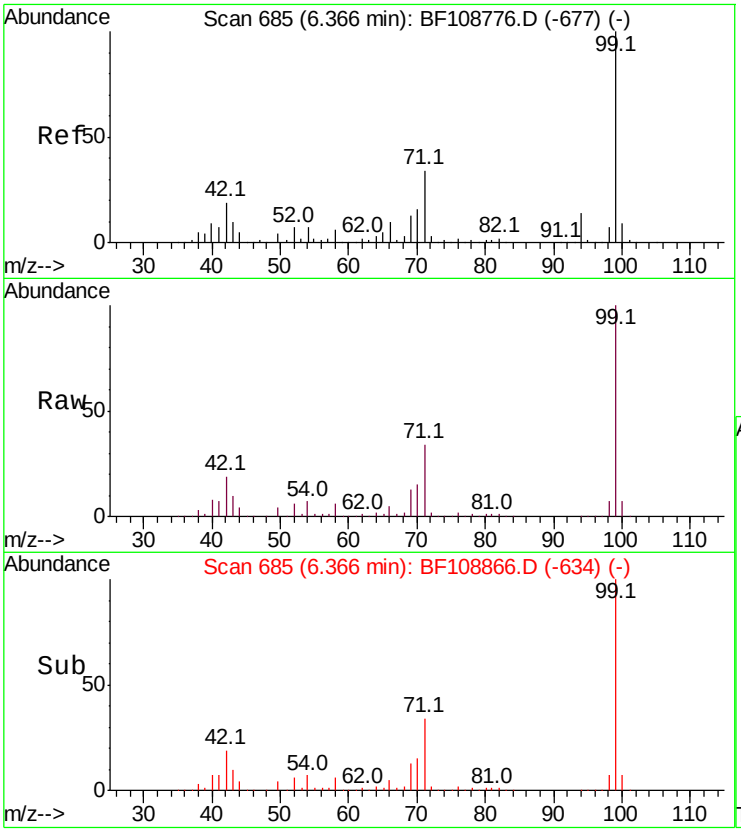


#5
2-Fluorophenol
Concen: 68.216 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:112 Resp: 903442

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	28.3	23.7	35.5



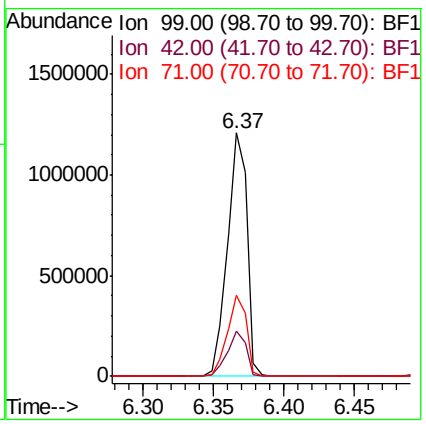


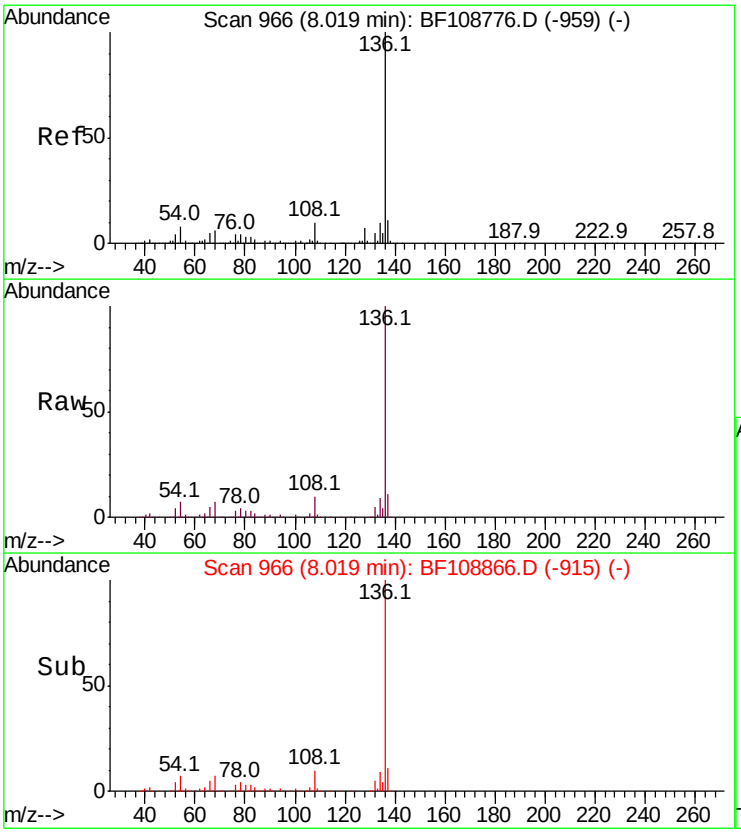
#7
Phenol-d6
Concen: 68.297 ng
RT: 6.37 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion: 99 Resp: 1163797

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.6	25.4	38.0

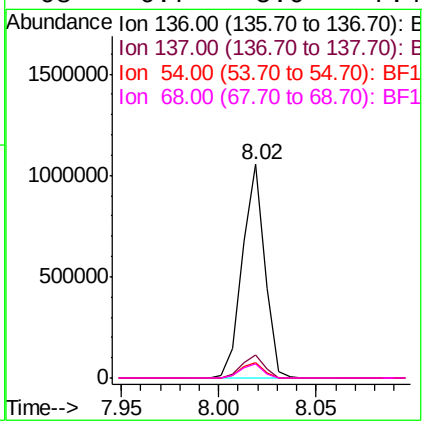


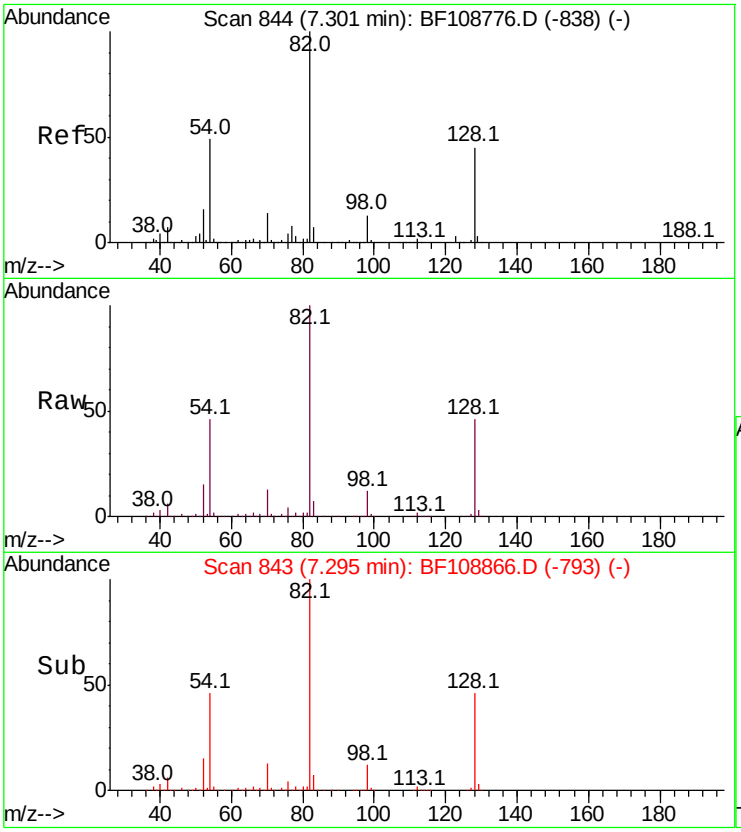


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:136 Resp: 838954

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	6.7	5.0	7.4



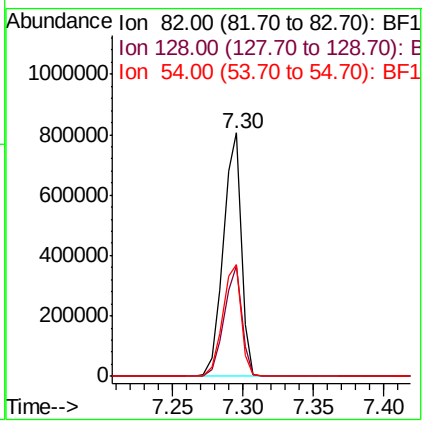


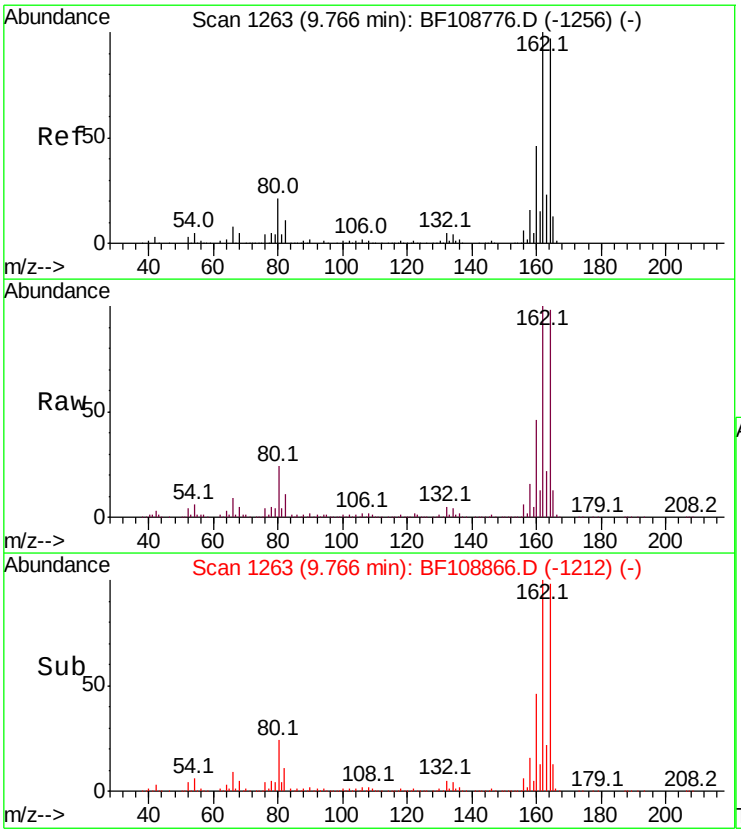
#23
Nitrobenzene-d5
Concen: 53.318 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion: 82 Resp: 714775

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	45.9	41.4	62.2

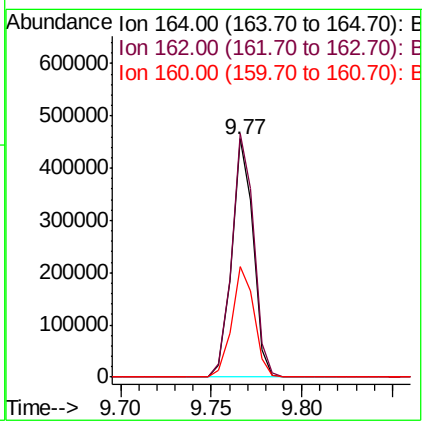


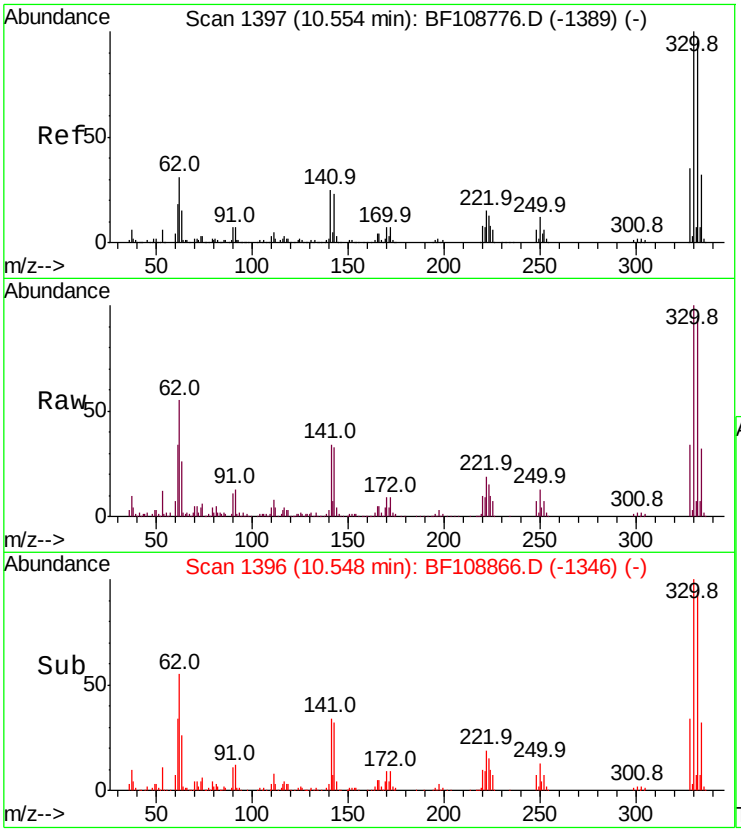


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:164 Resp: 376628

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5



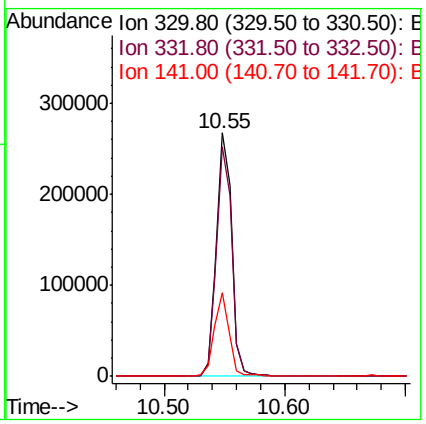


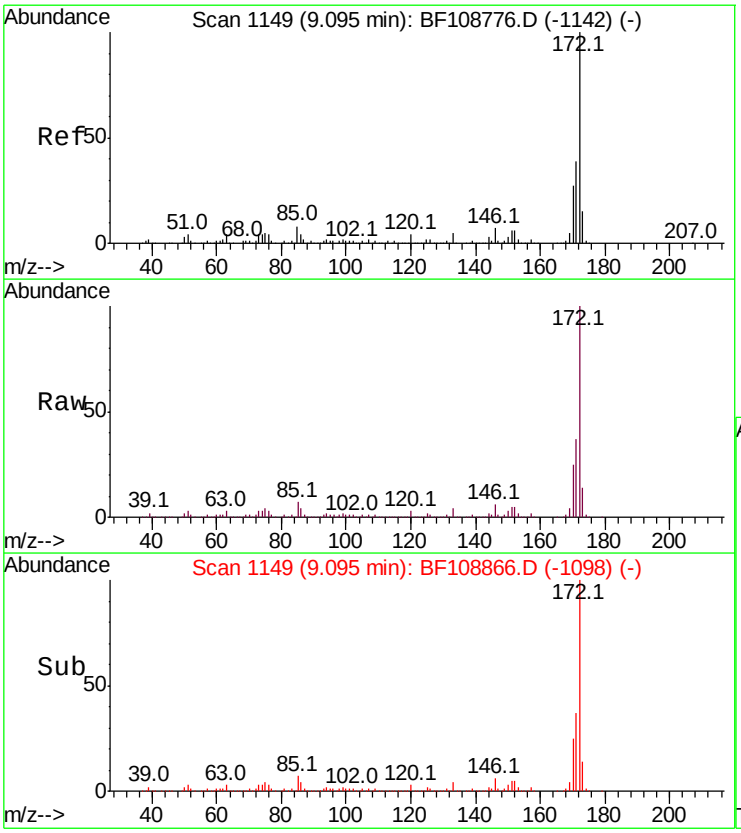
#41
2,4,6-Tribromophenol
Concen: 64.797 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:330 Resp: 232976

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.4	29.9	44.9

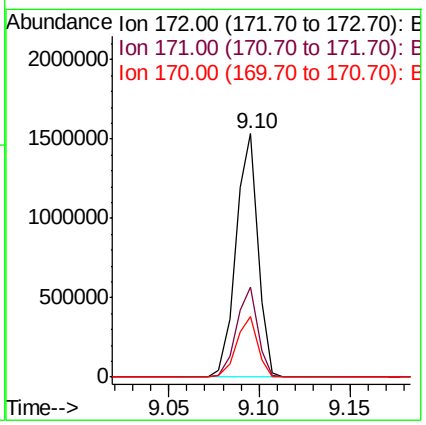


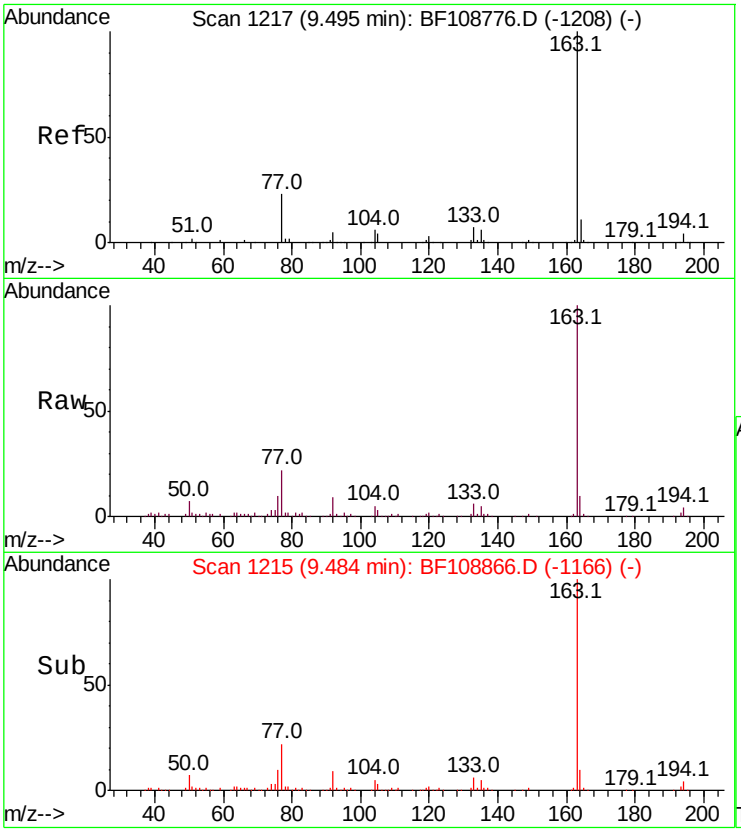


#44
2-Fluorobiphenyl
Concen: 58.455 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:172 Resp: 1290506

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4



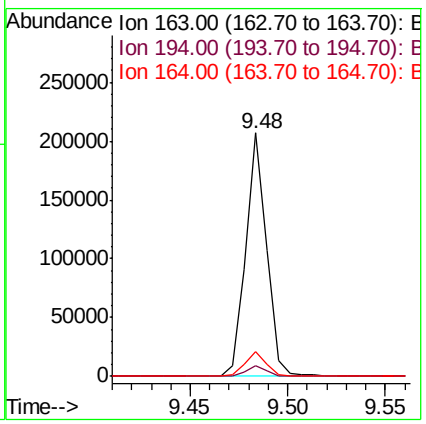


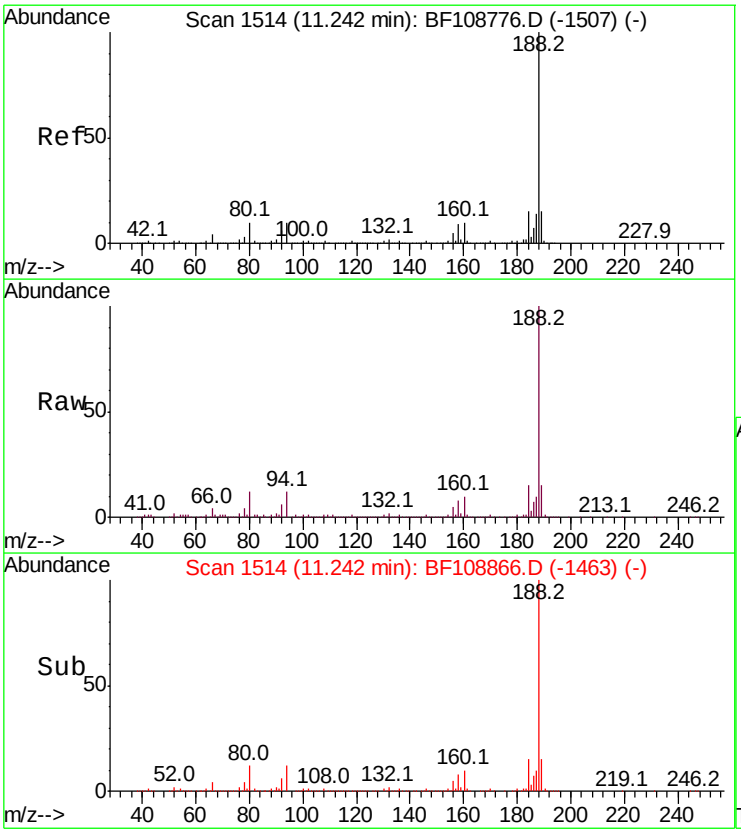
#49
Dimethylphthalate
Concen: 5.832 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:163 Resp: 153617

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2

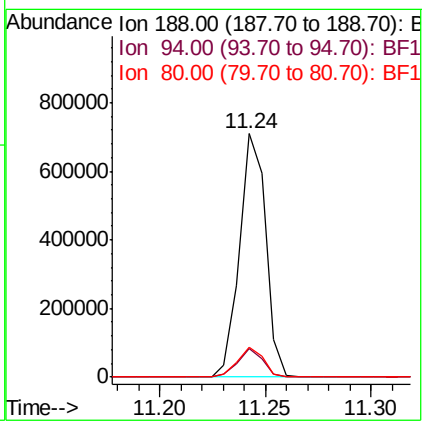


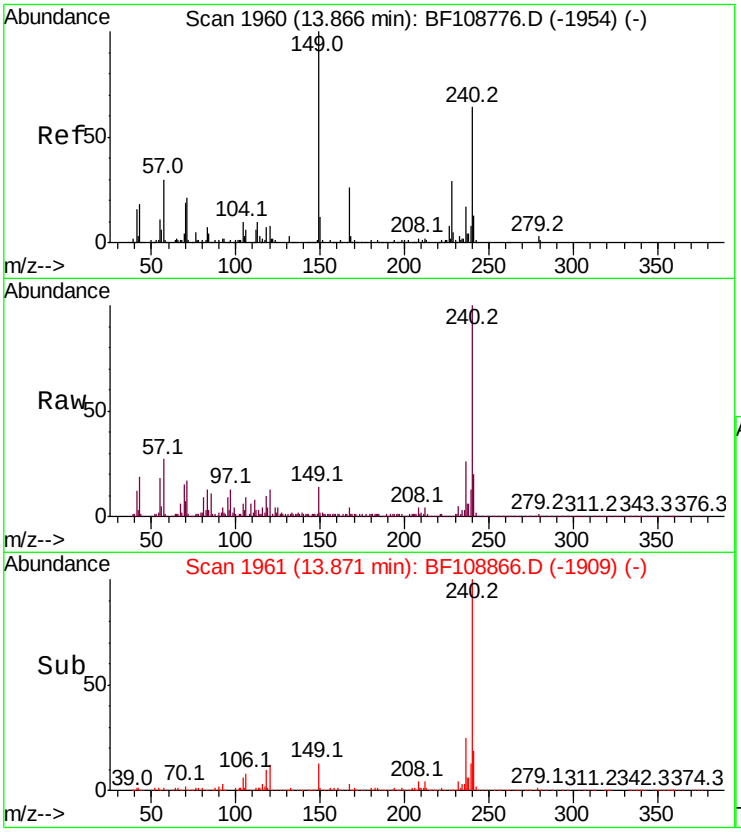


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:188 Resp: 610030

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.3	9.2	13.8



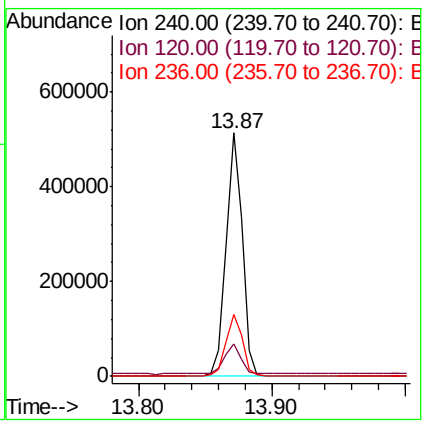


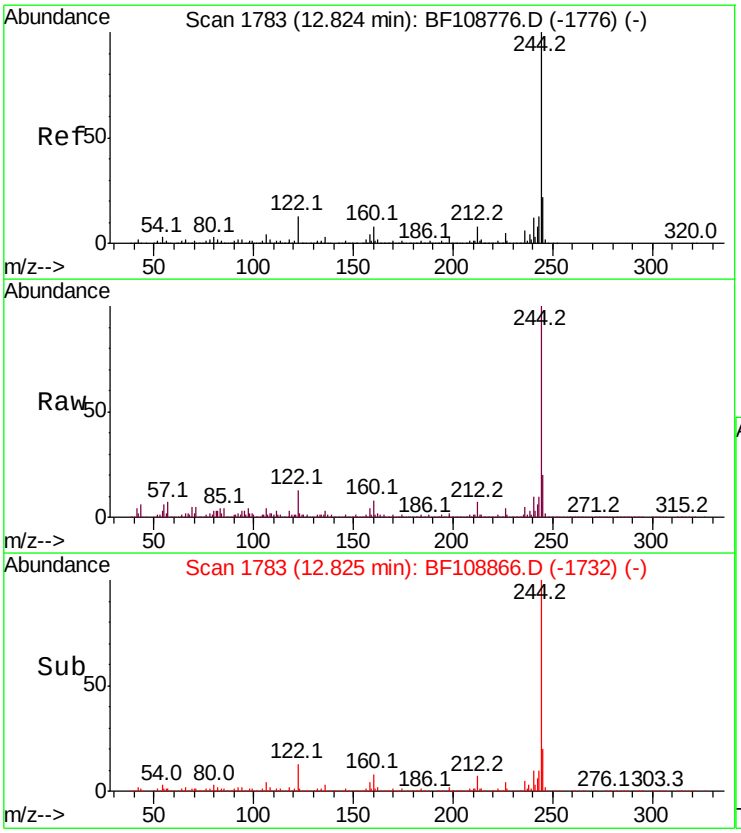
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:240 Resp: 441038

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.6	20.7	31.1

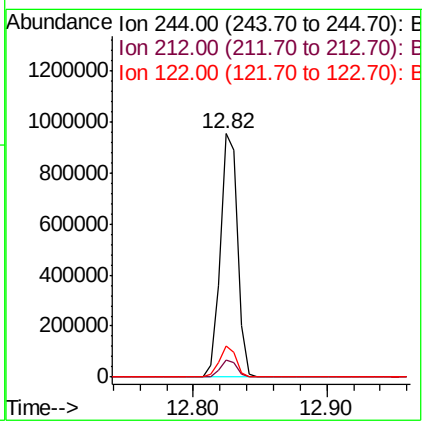


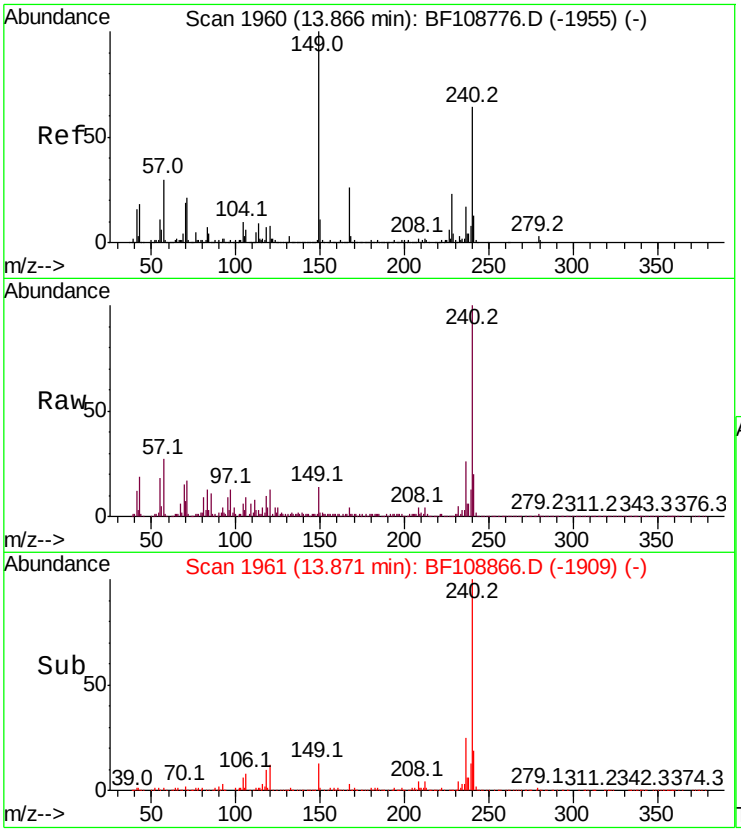


#78
Terphenyl-d14
Concen: 46.138 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:244 Resp: 872612

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4



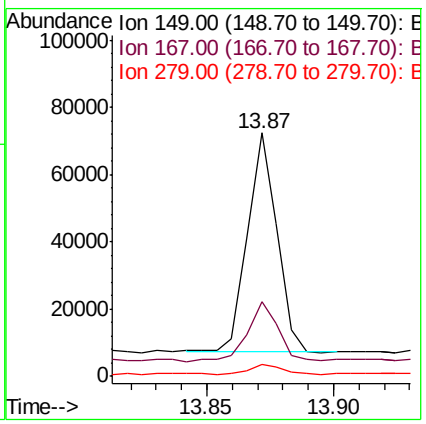


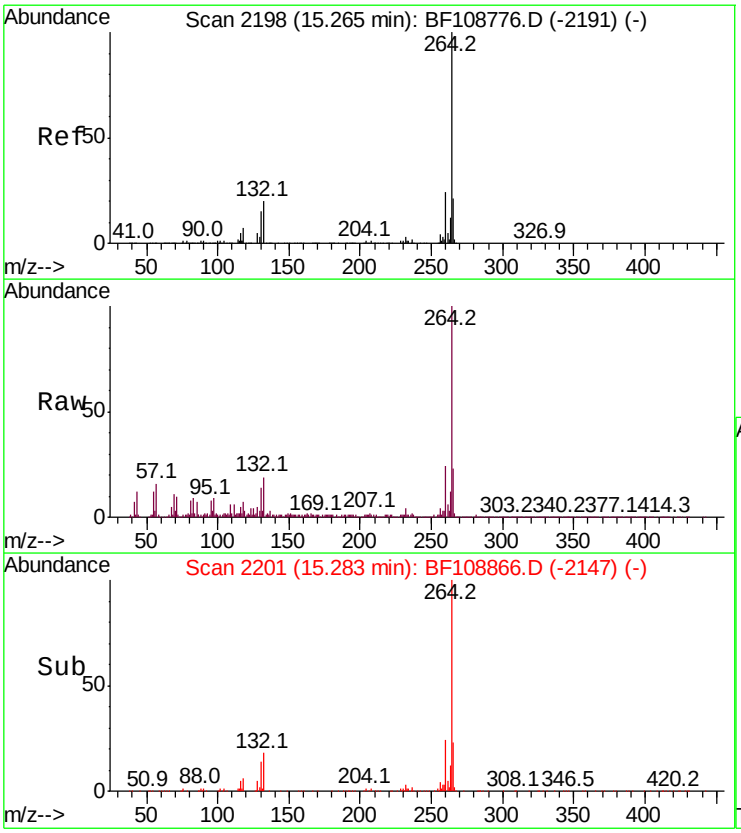
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.743 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:149 Resp: 52688

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.3	31.9
279	4.8	3.0	4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:264 Resp: 468899

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.9	17.5	26.3