Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107195.D
Acq On : 7 Jul 2018 10:17
Operator : JU/SJ
Sample : J3877-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-DRUM-2-STONE

Quant Time: Jul 09 02:28:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53506	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	203729	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	100613	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	174388	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	104260	20.00	ng	-0.02
86) Perylene-d12	15.71	264	125723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	340134	107.64	ng	-0.01
7) Phenol-d6	6.60	99	431780	109.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	277486	75.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	129280	110.86	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	515310	87.05	ng	-0.02
78) Terphenyl-d14	13.07	244	405065	94.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	50345	6.672	ng	# 99
84) Di-n-octyl phthalate	14.77	149	144220	24.482	ng	# 76

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

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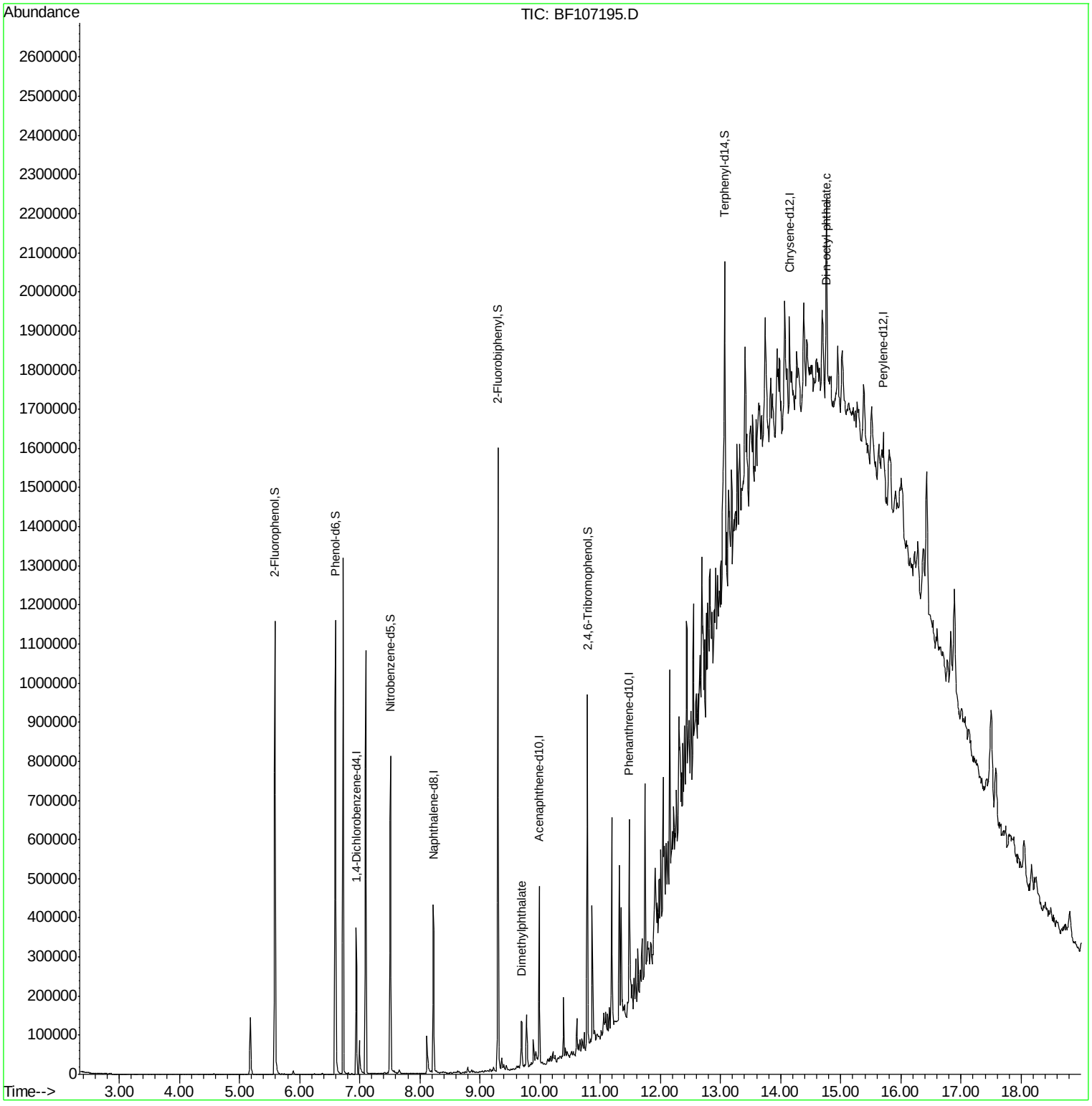
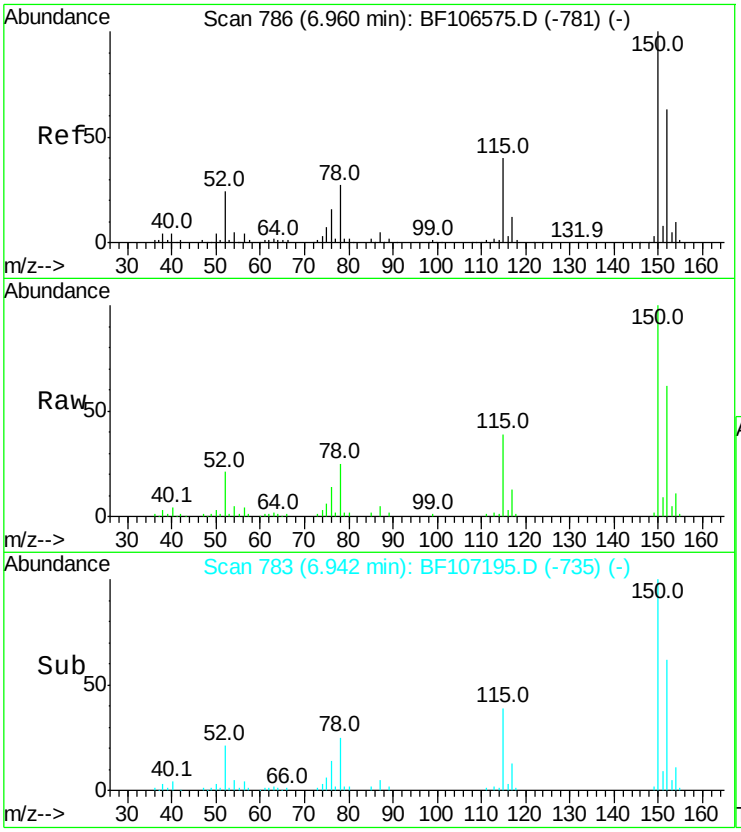


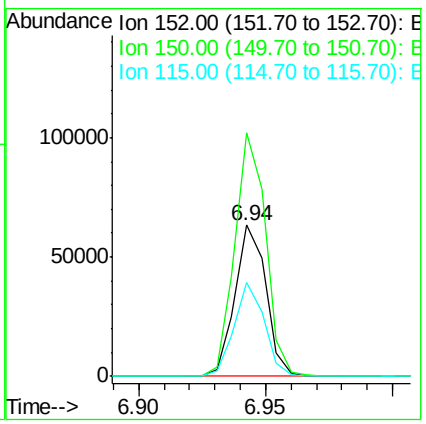


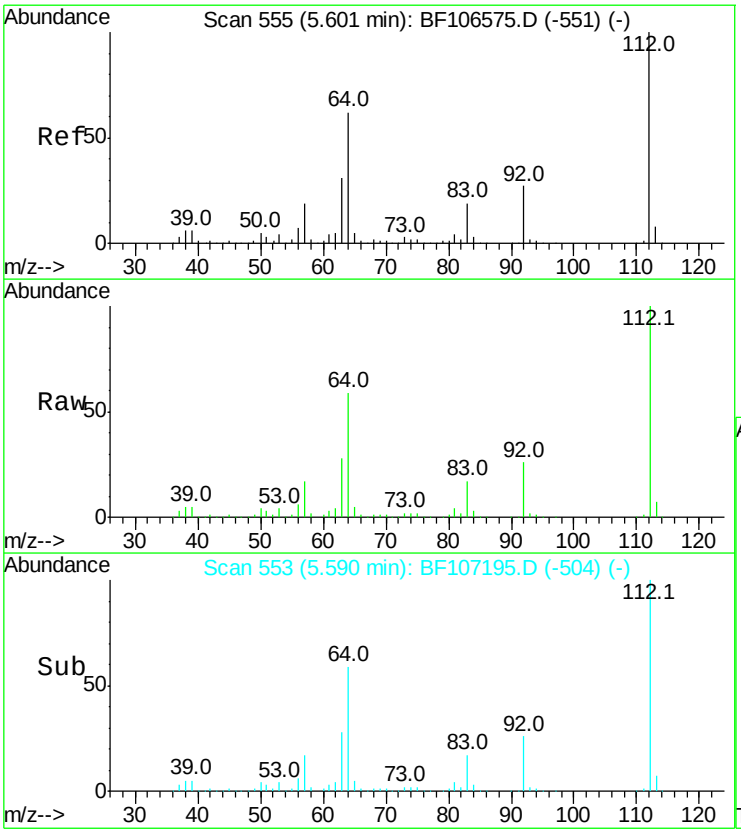
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:152 Resp: 53506

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.3	50.1	75.1

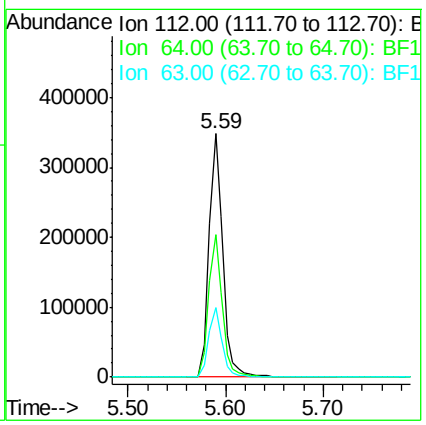


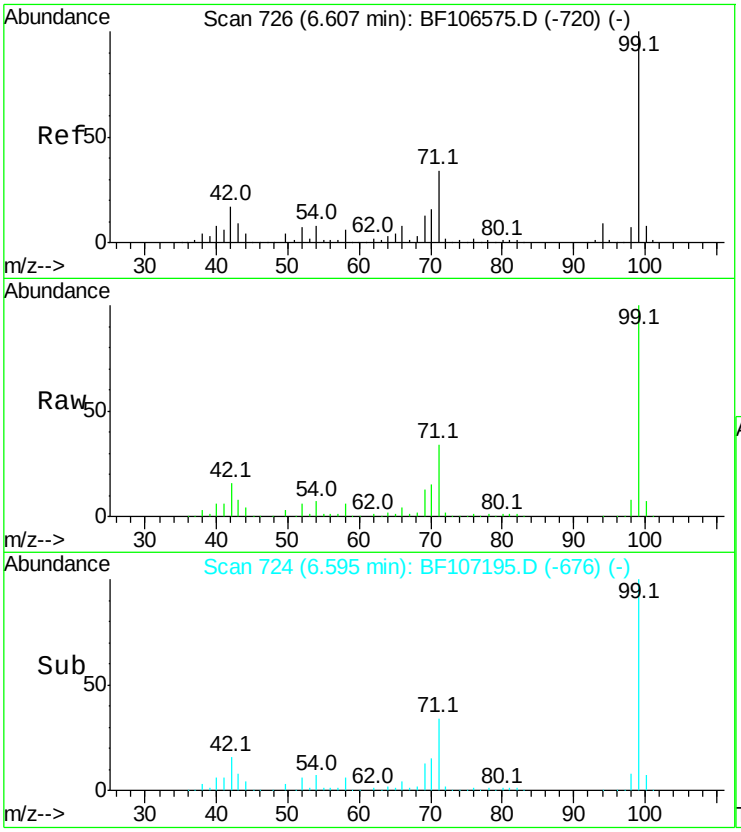


#5
2-Fluorophenol
Concen: 107.643 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:112 Resp: 340134

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	28.4	23.7	35.5



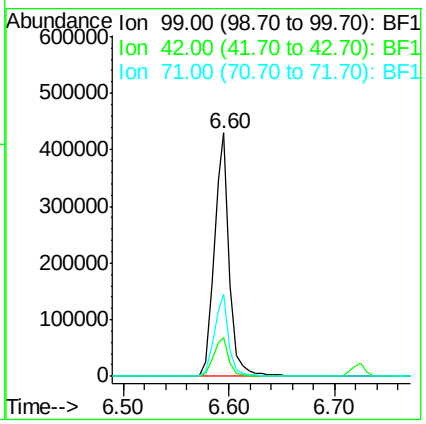


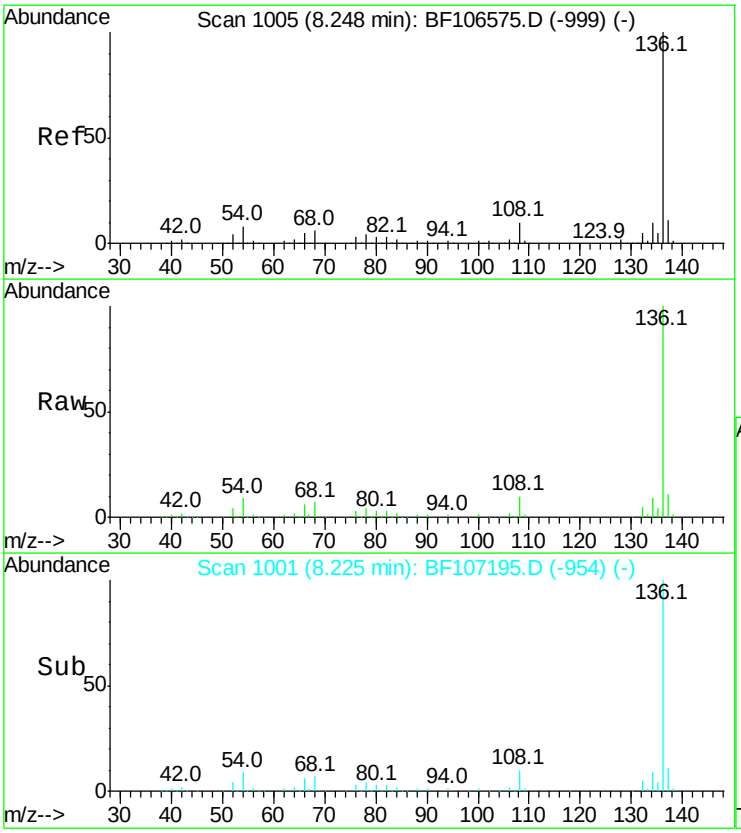
#7
Phenol-d6
Concen: 109.422 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion: 99 Resp: 431780

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	34.0	25.4	38.0

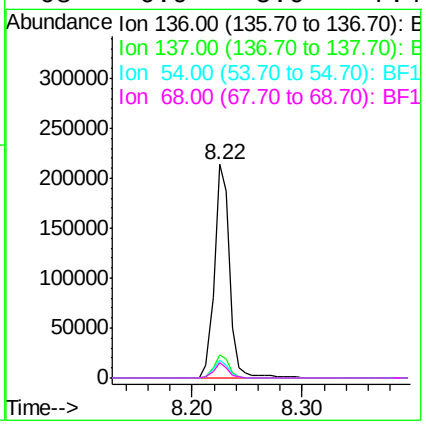


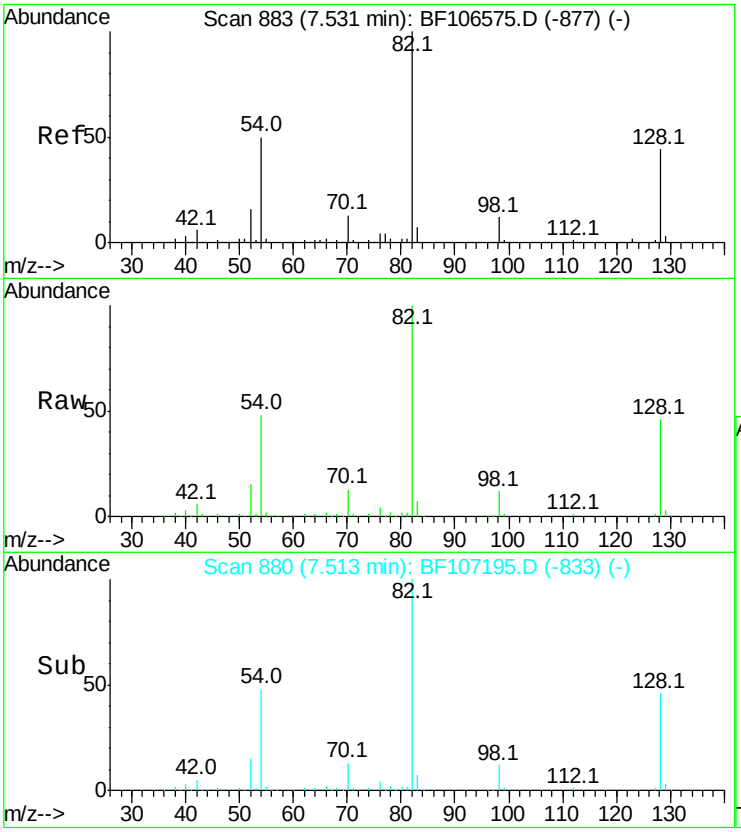


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:136 Resp: 203729

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.9	5.0	7.4



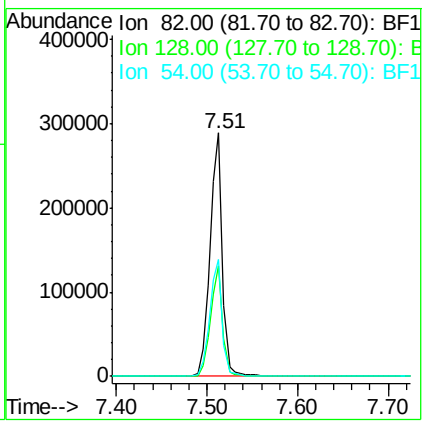


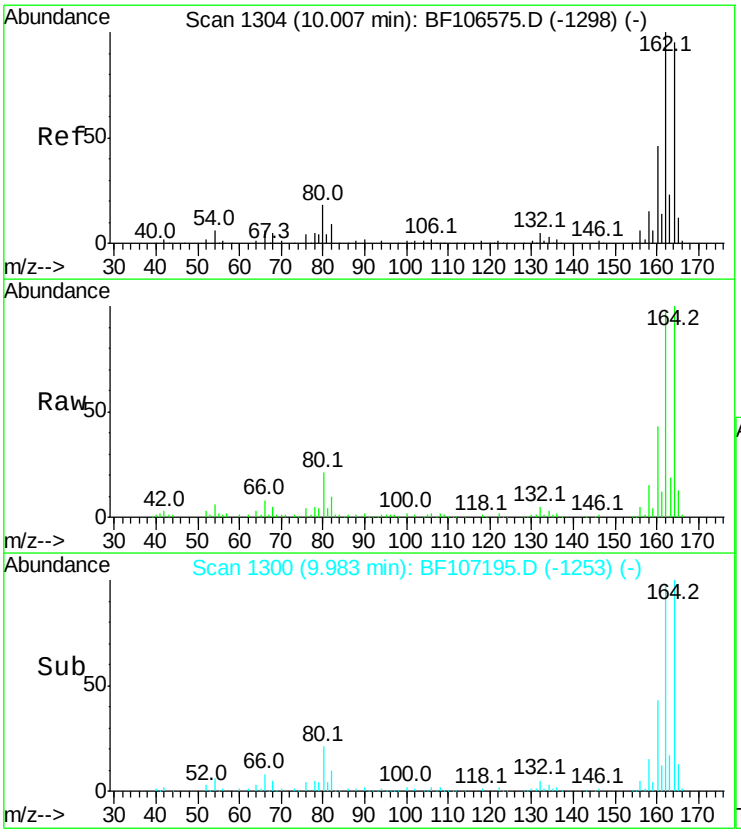
#23
Nitrobenzene-d5
Concen: 75.693 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion: 82 Resp: 277486

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.9	41.4	62.2

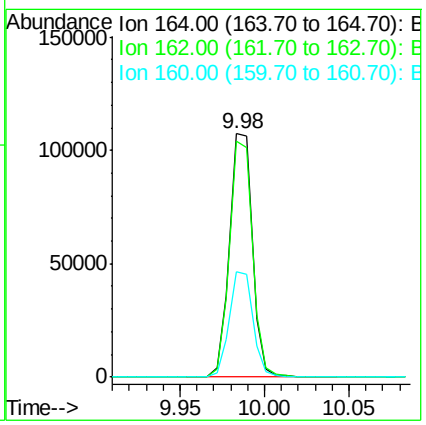


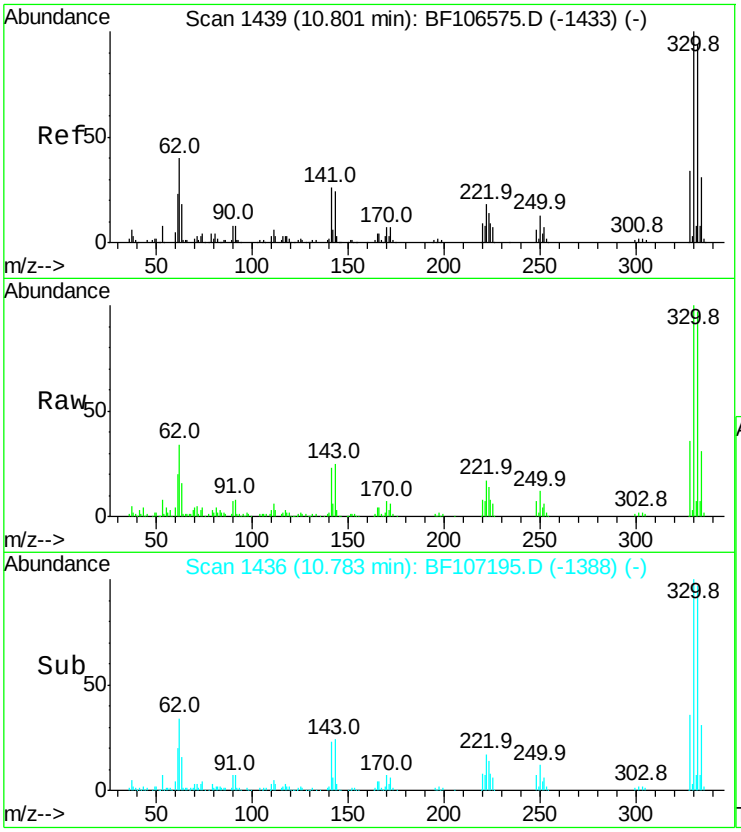


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:164 Resp: 100613

Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.1	129.1
160	43.2	38.3	57.5



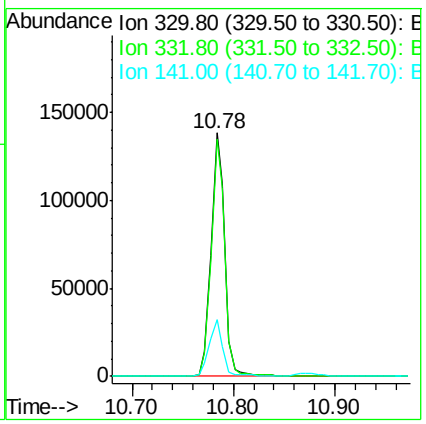


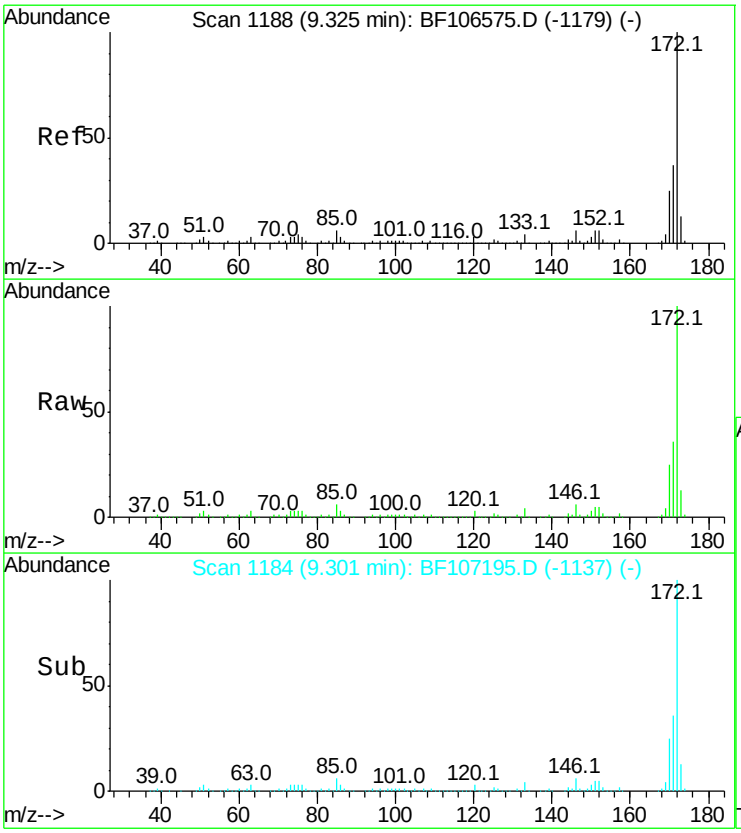
#41
2,4,6-Tribromophenol
Concen: 110.862 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:330 Resp: 129280

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.6	29.9	44.9#

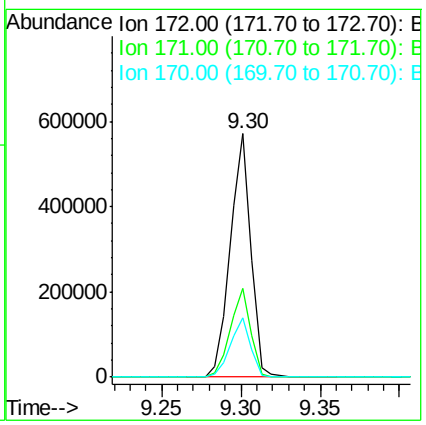


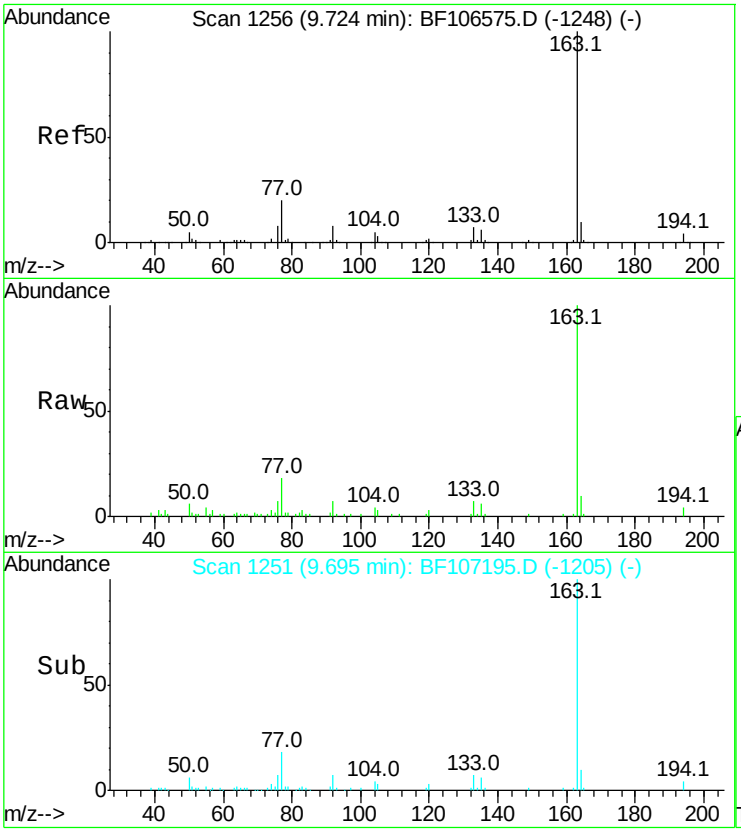


#44
2-Fluorobiphenyl
Concen: 87.046 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:172 Resp: 515310

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4



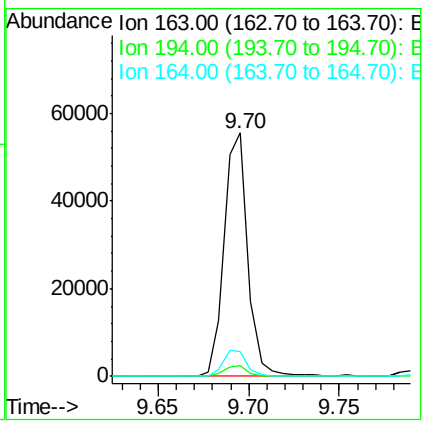


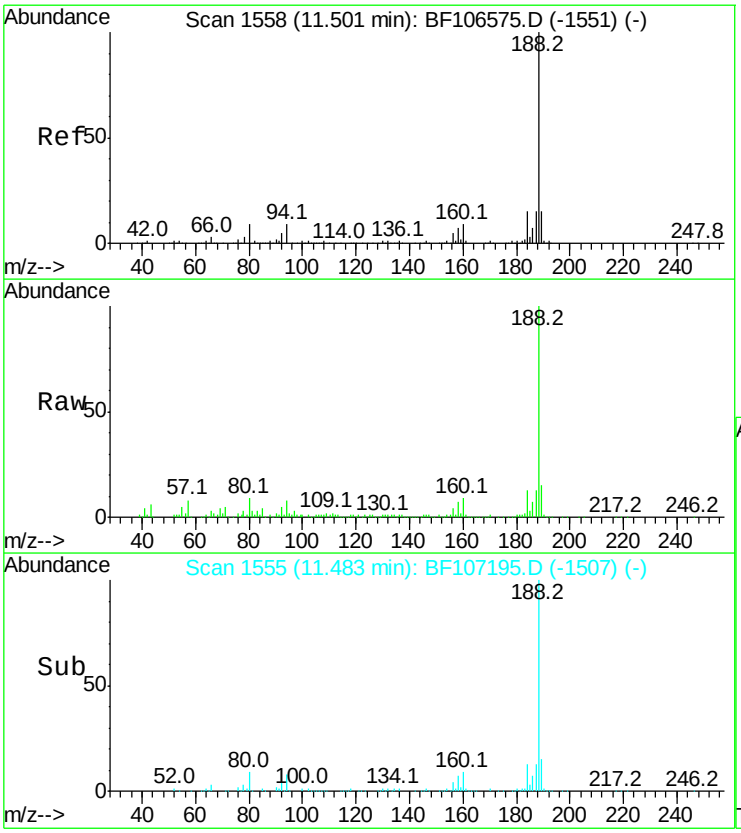
#49
Dimethylphthalate
Concen: 6.672 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:163 Resp: 50345

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

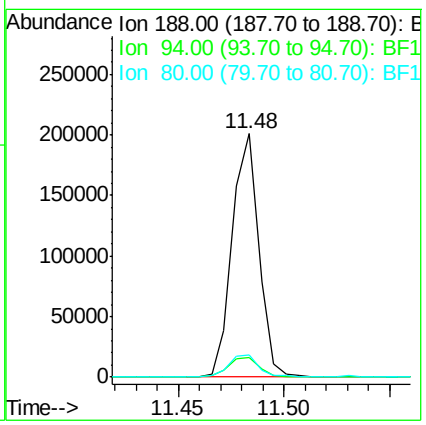


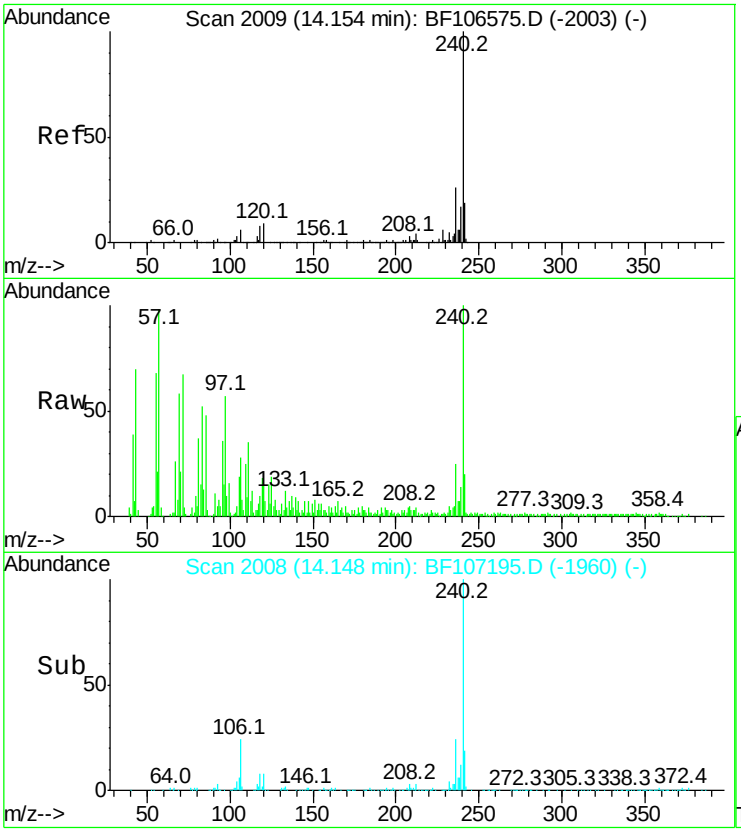


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:188 Resp: 174388

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#



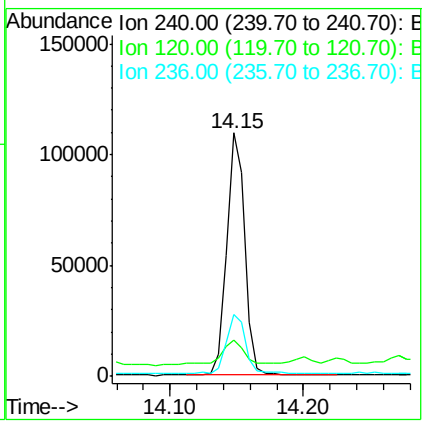


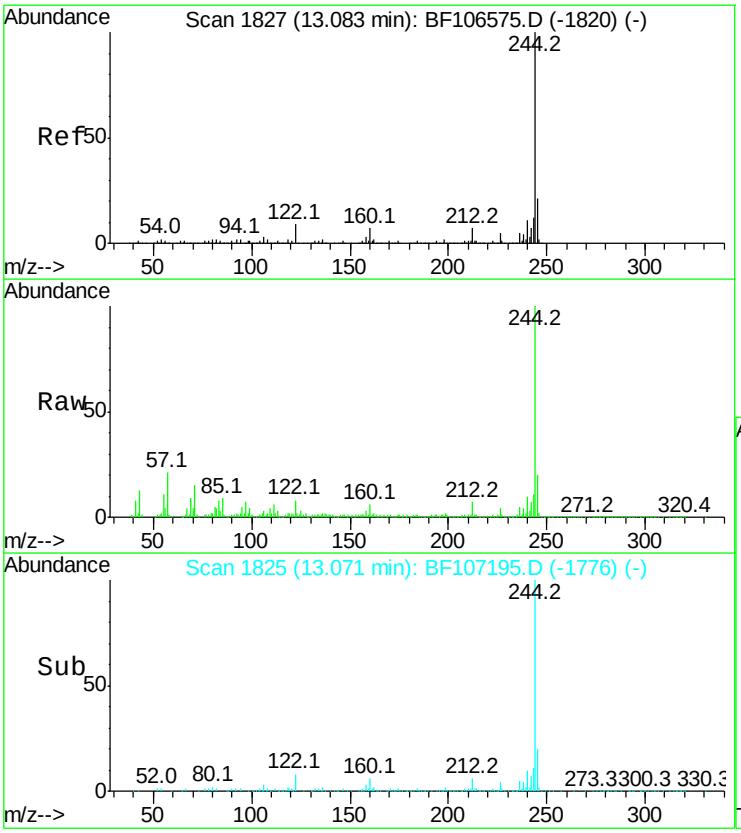
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:240 Resp: 104260

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.4	20.7	31.1

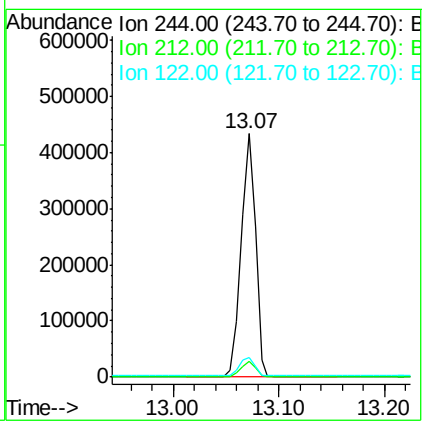


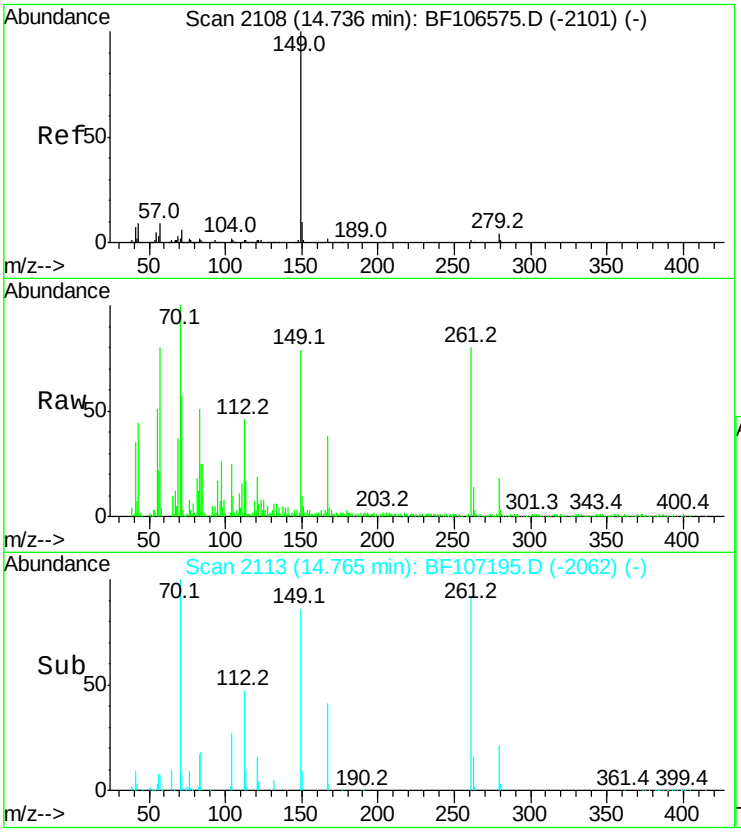


#78
Terphenyl-d14
Concen: 94.110 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:244 Resp: 405065

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.3	11.0	16.4#



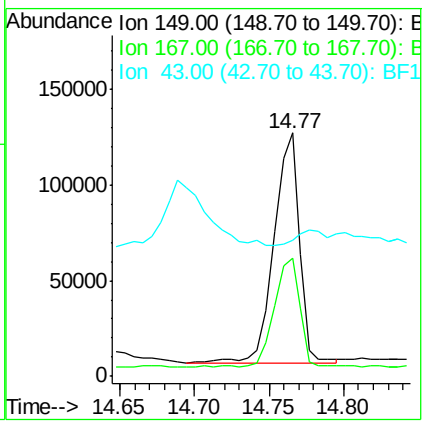


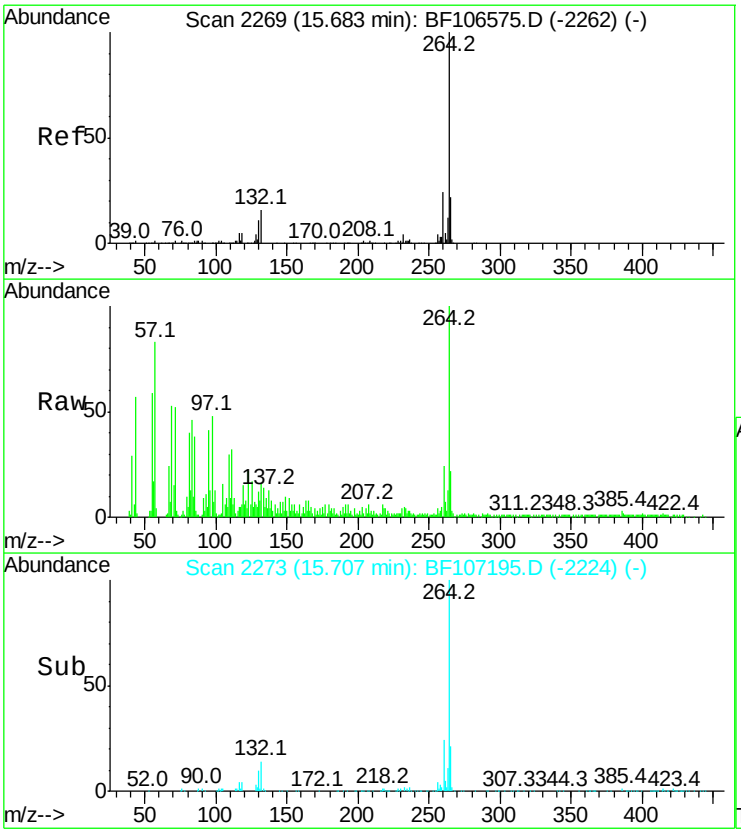
#84
Di-n-octyl phthalate
Concen: 24.482 ng
RT: 14.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:149 Resp: 144220

Ion	Ratio	Lower	Upper
149	100		
167	46.7	1.2	1.8#
43	6.5	8.4	12.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:264 Resp: 125723

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.5	26.3