Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108400.D
Acq On : 22 Aug 2018 23:00
Operator : JU/SJ
Sample : J4572-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F-1

Quant Time: Aug 23 05:59:51 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	155874	20.00 ng	0.00
21) Naphthalene-d8	8.28	136	563041	20.00 ng	0.00
38) Acenaphthene-d10	10.05	164	264594	20.00 ng	0.00
63) Phenanthrene-d10	11.54	188	460872	20.00 ng	0.00
75) Chrysene-d12	14.19	240	308660	20.00 ng	0.00
86) Perylene-d12	15.75	264	274035	20.00 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.64	112	1248783	145.04 ng	0.00
7) Phenol-d6	6.63	99	1693210	147.99 ng	0.00
23) Nitrobenzene-d5	7.57	82	1090353	108.06 ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	403197	152.77 ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1894024	114.92 ng	0.00
78) Terphenyl-d14	13.13	244	1640328	135.12 ng	0.00
Target Compounds					Qvalue
10) Phenol	6.64	94	28352	2.396 ng	85
49) Dimethylphthalate	9.75	163	266836	14.477 ng	99

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

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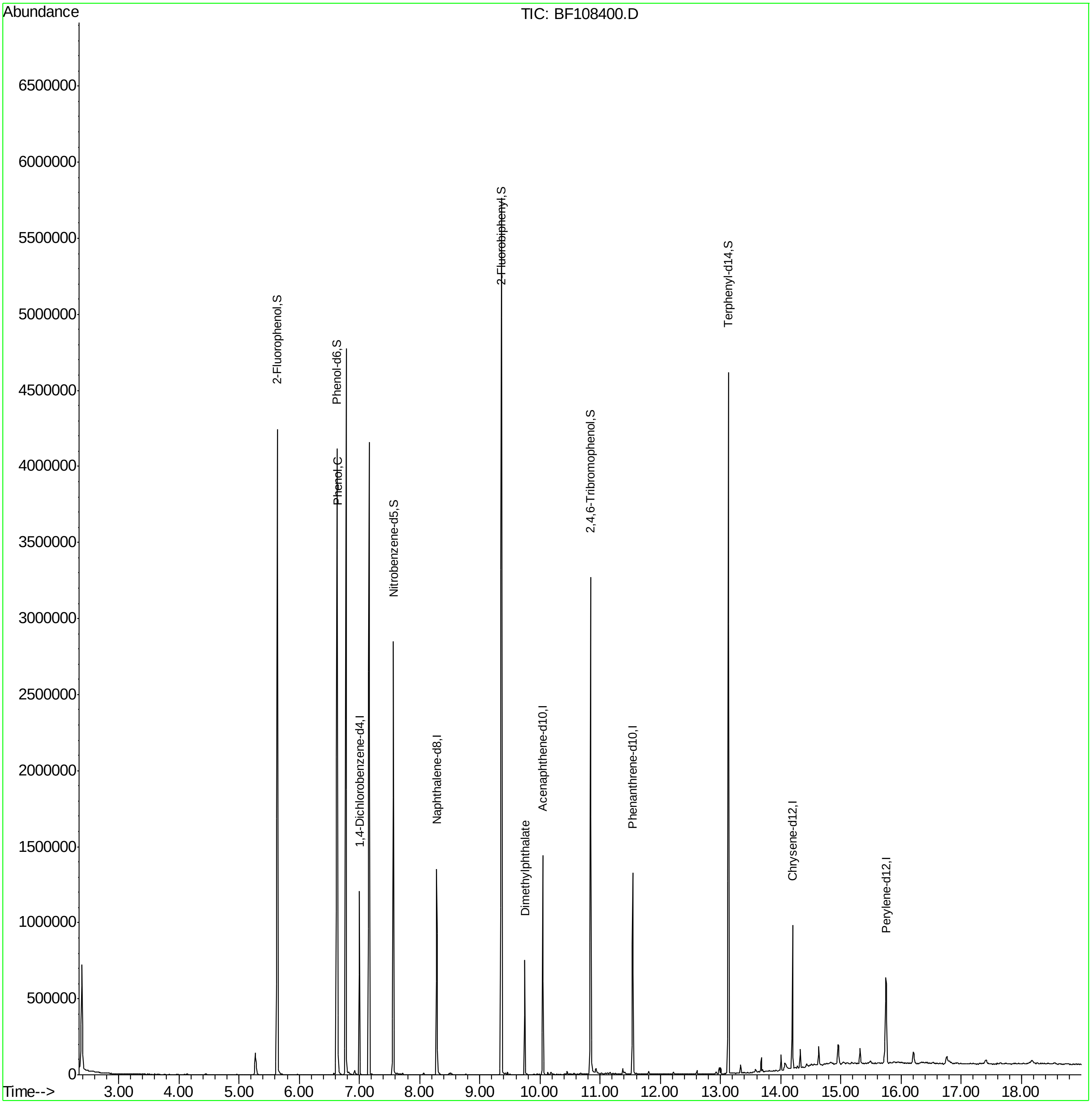

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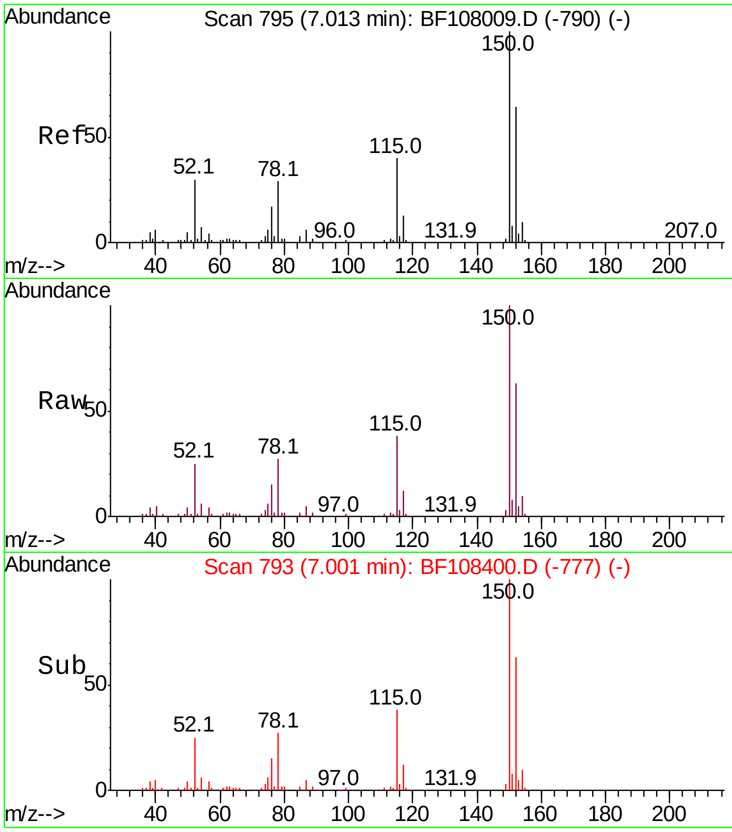
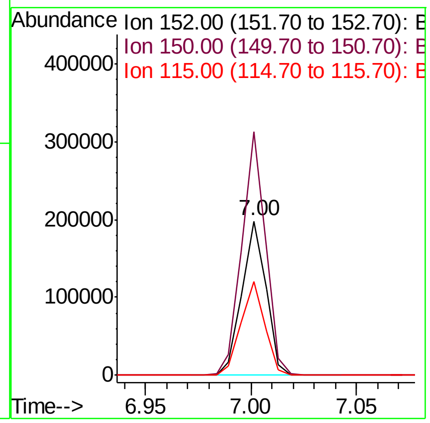
ClientSampleId :
F-1

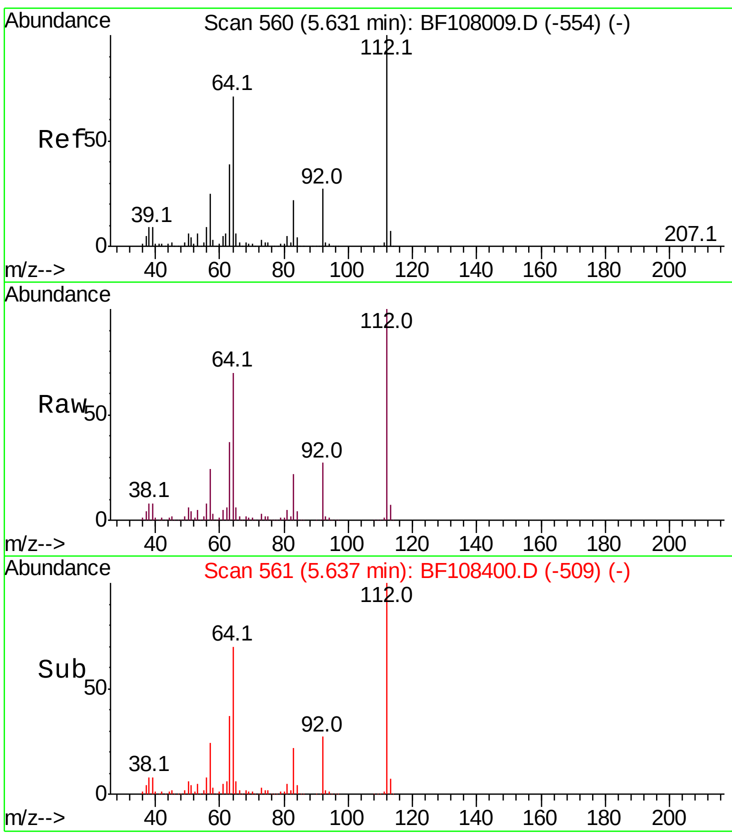


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:152 Resp: 155874

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.7	50.1	75.1

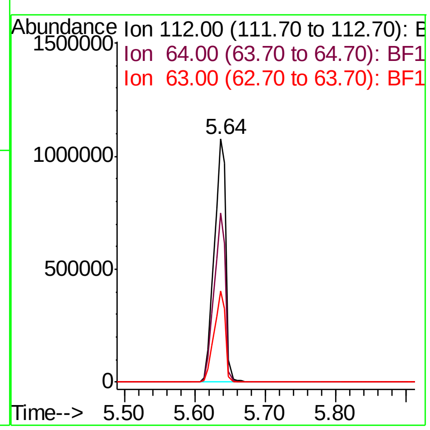


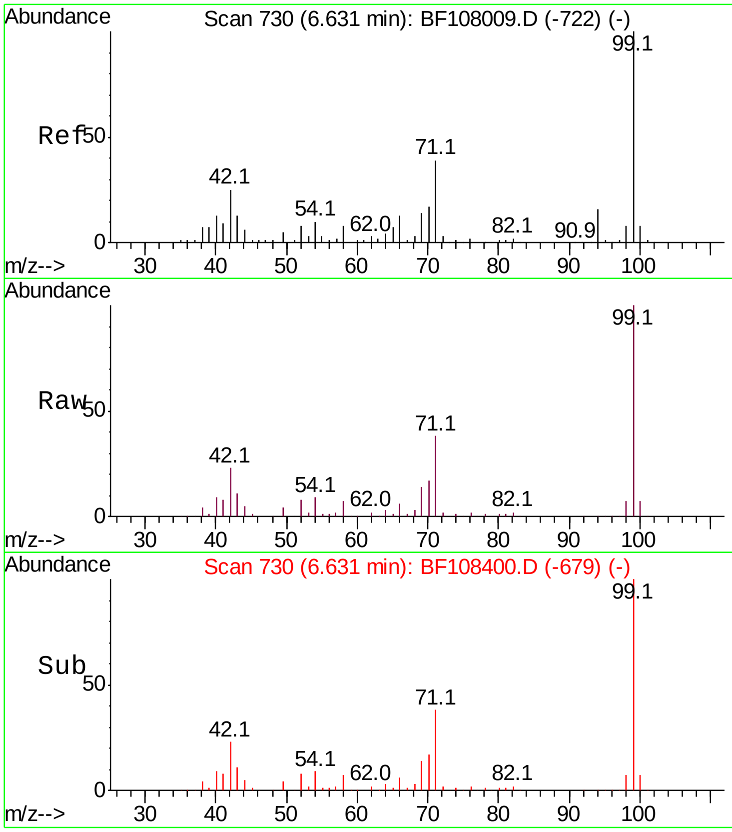


#5
2-Fluorophenol
Concen: 145.044 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:112 Resp: 1248783

Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	37.4	23.7	35.5#



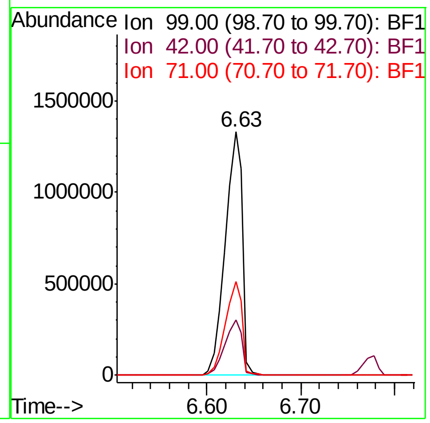


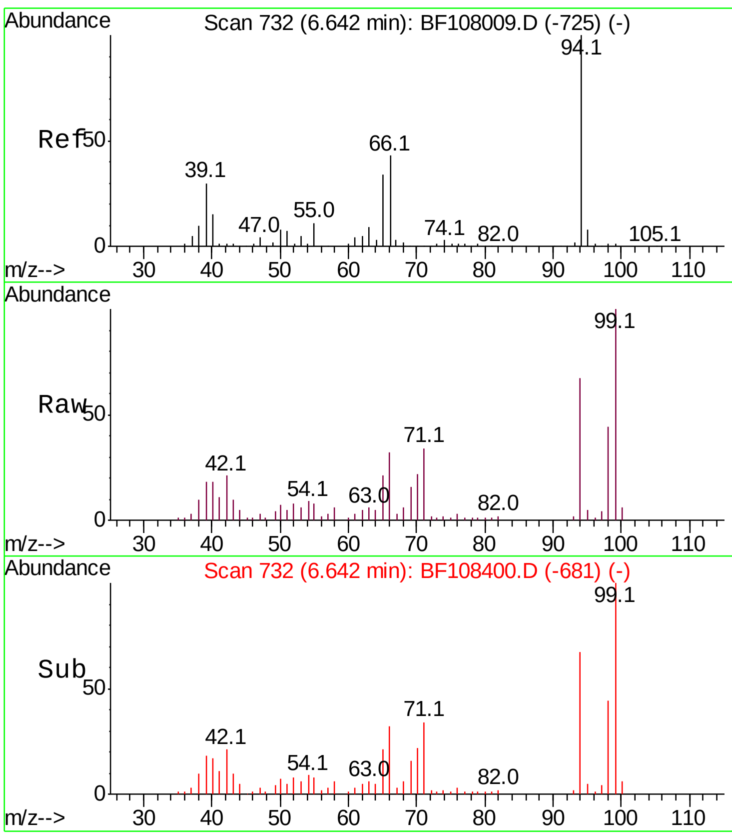
#7
Phenol-d6
Concen: 147.994 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 99 Resp: 1693210

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	38.4	25.4	38.0#

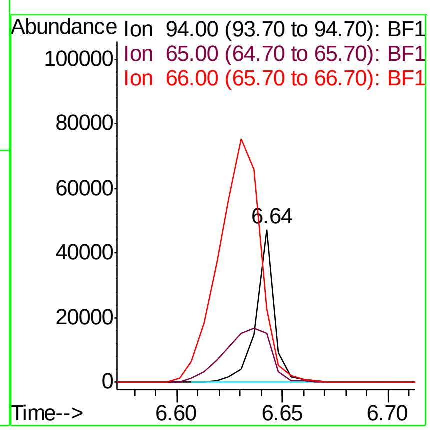




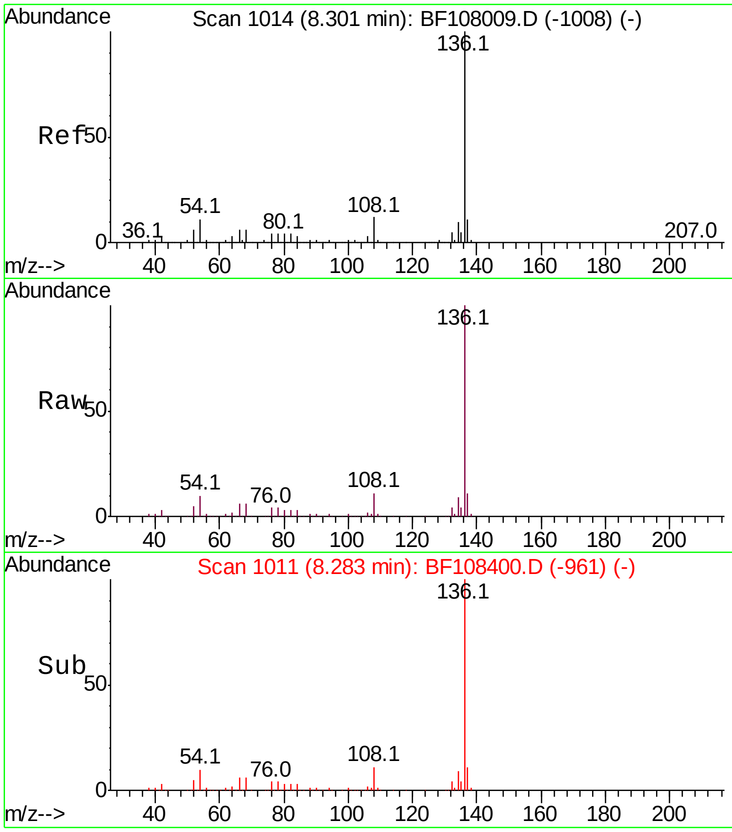
#10
Phenol
Concen: 2.396 ng
RT: 6.64 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion: 94 Resp: 28352

Ion	Ratio	Lower	Upper
94	100		
65	31.8	7.9	47.9
66	48.2	16.2	56.2



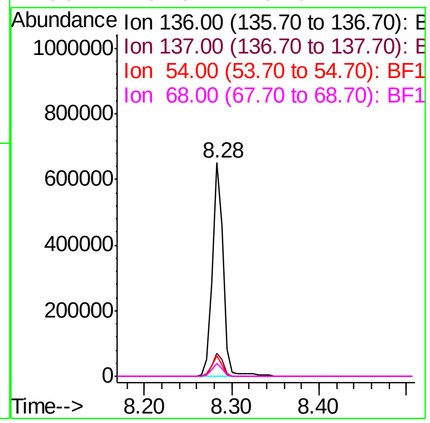
Instrument :
BNA_F
ClientSampleId :
F-1

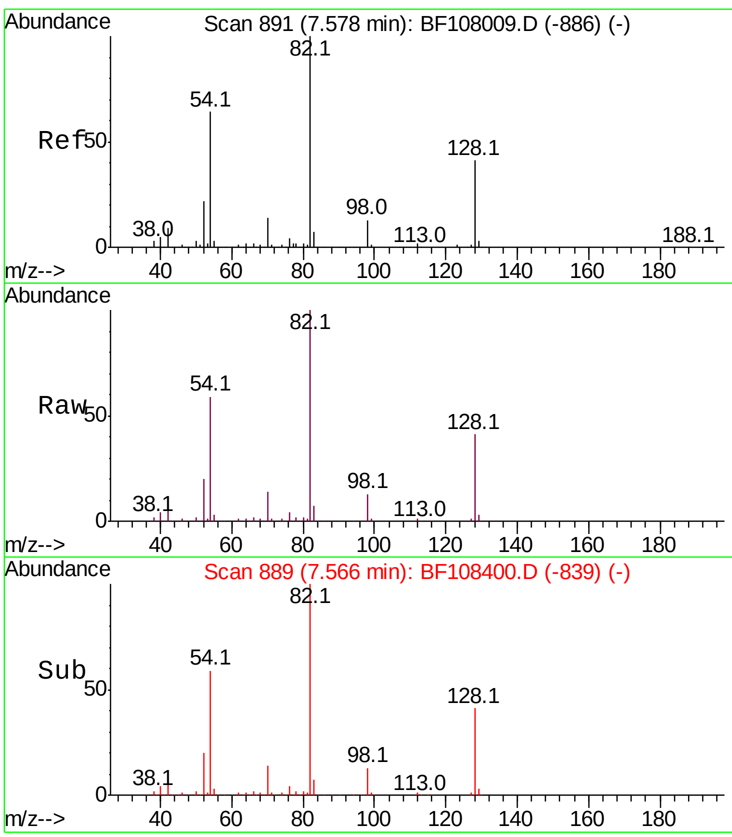


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:136 Resp: 563041

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4

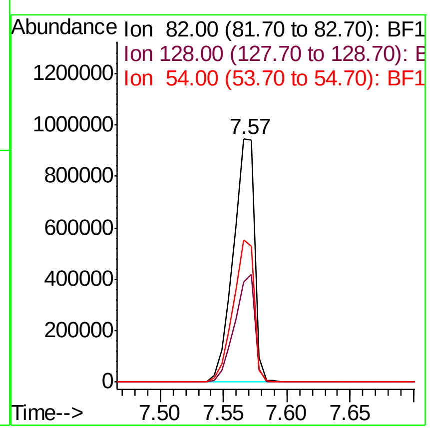


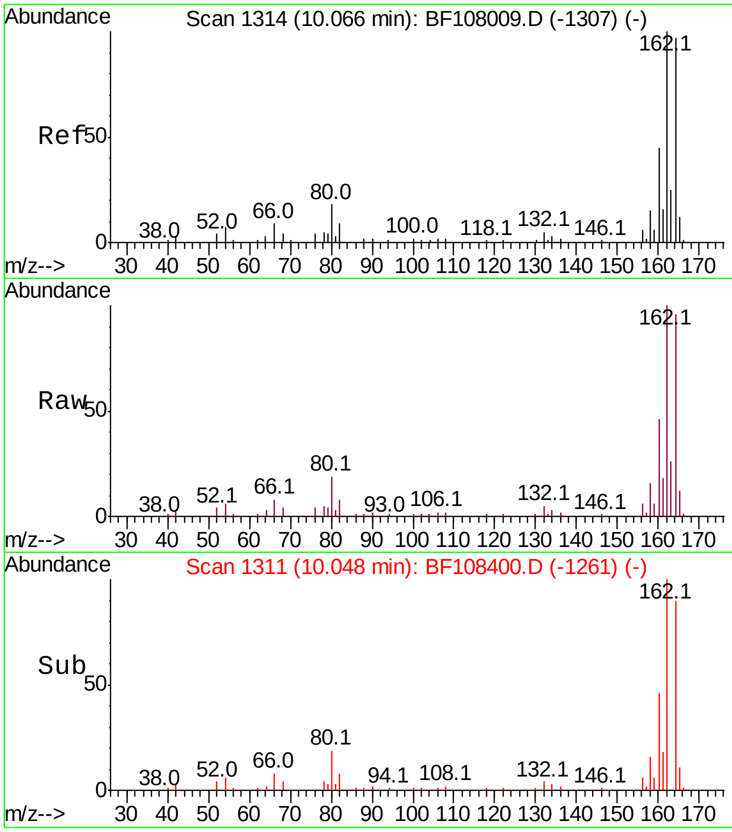


#23
Nitrobenzene-d5
Concen: 108.062 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion: 82 Resp: 1090353

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.6	41.4	62.2



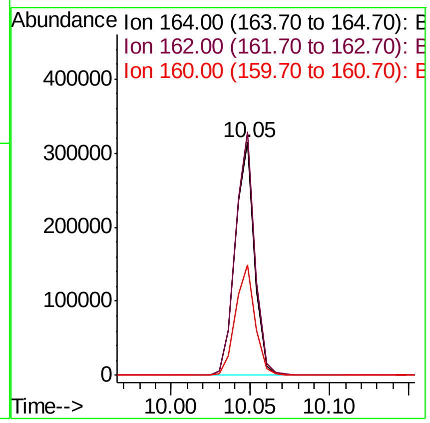


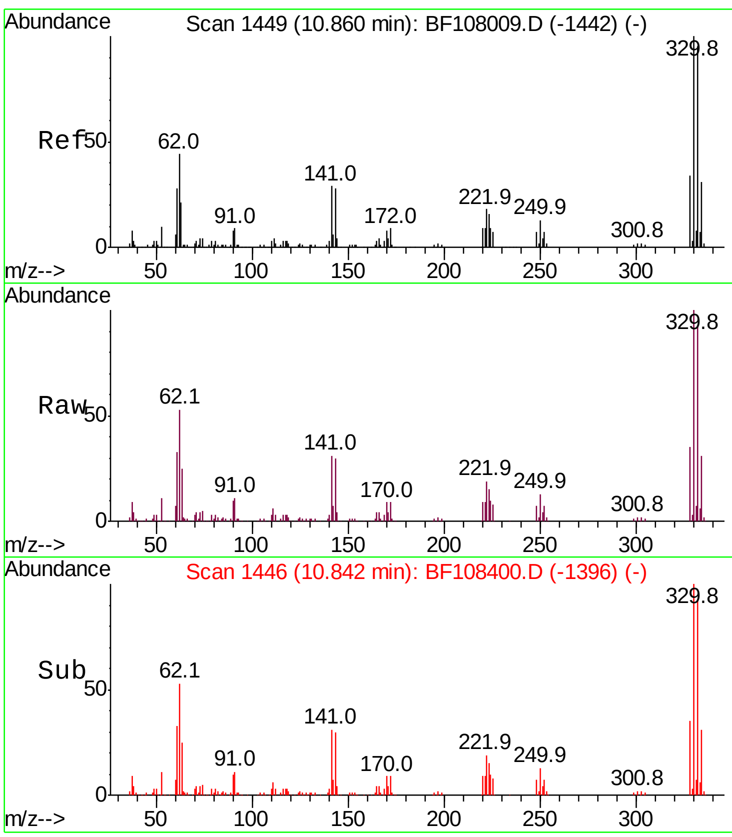
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:164 Resp: 264594

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.6	38.3	57.5

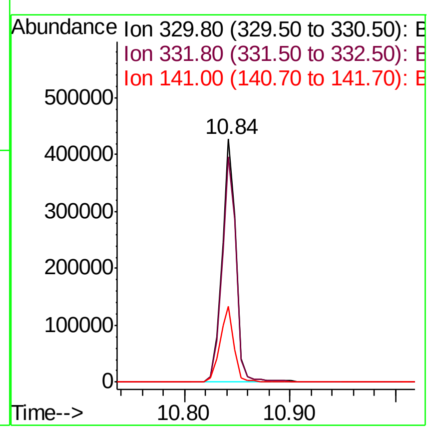


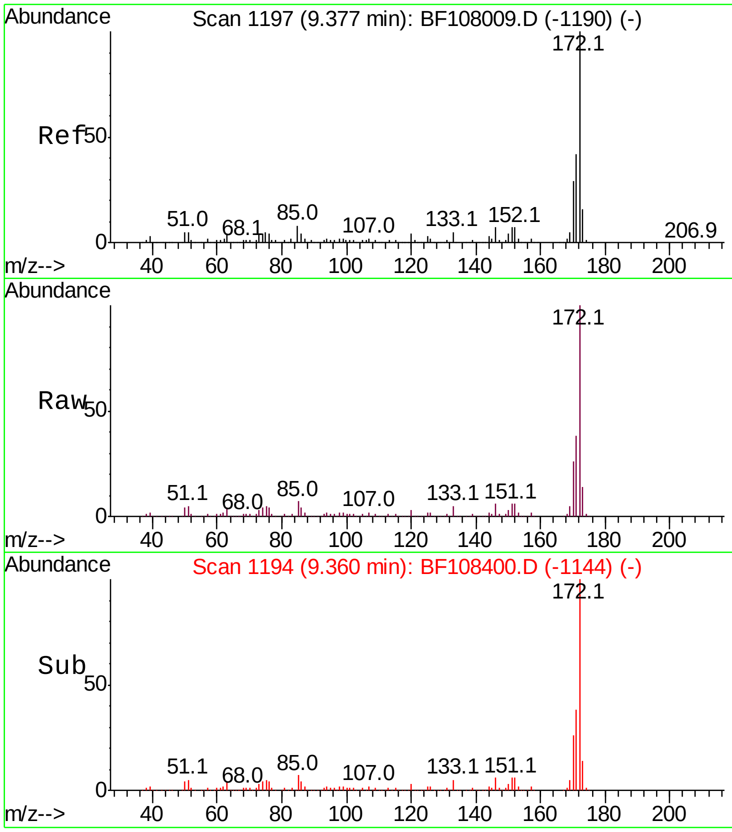


#41
2,4,6-Tribromophenol
Concen: 152.769 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:330 Resp: 403197

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	31.1	29.9	44.9



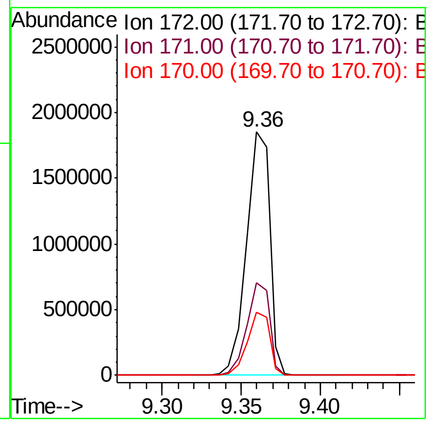


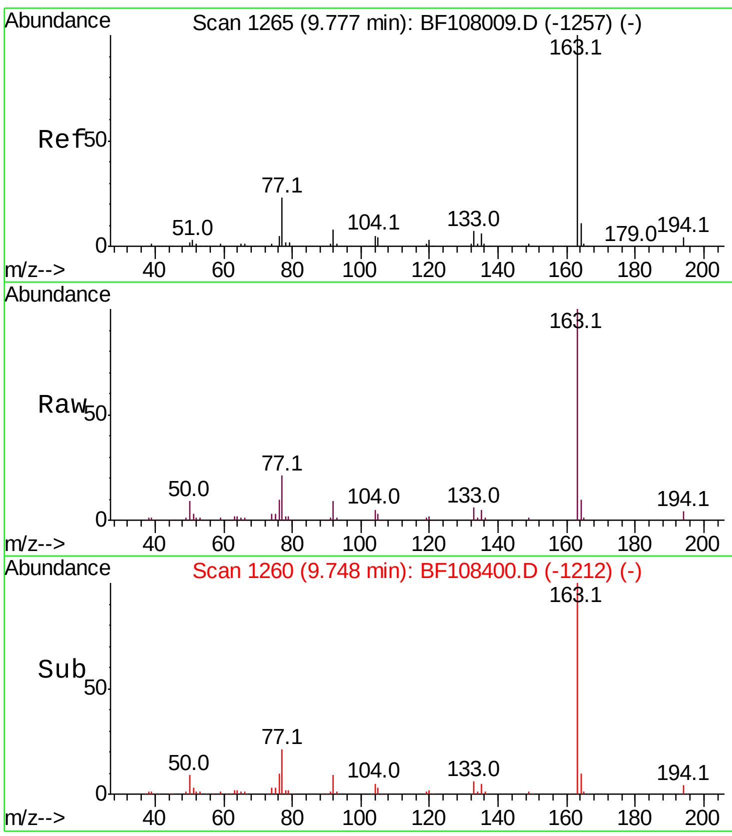
#44
2-Fluorobiphenyl
Concen: 114.923 ng
RT: 9.36 min   Scan# 1194
Delta R.T.   -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018   23:00

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:172 Resp: 1894024

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.7	19.6	29.4

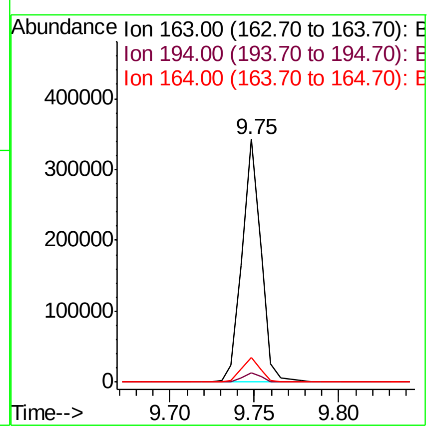


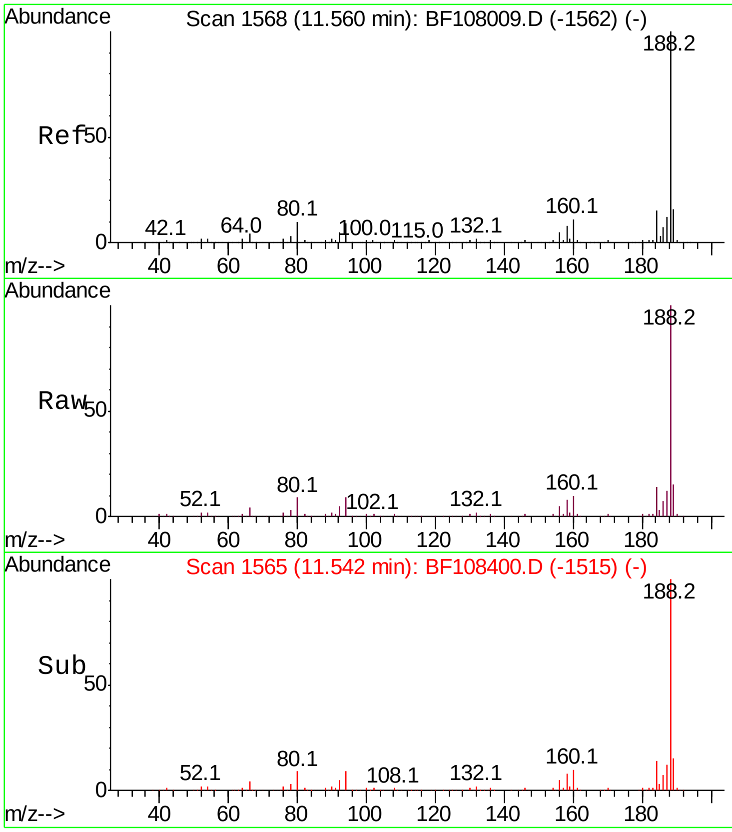


#49
Dimethylphthalate
Concen: 14.477 ng
RT: 9.75 min   Scan# 1260
Delta R.T.   -0.02 min
Lab File: BF108400.D
Acq: 22 Aug 2018   23:00

Tgt Ion:163 Resp: 266836

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2



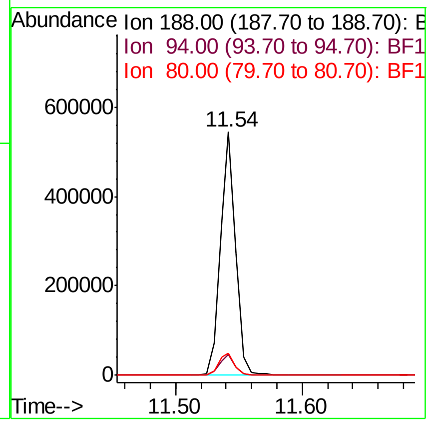


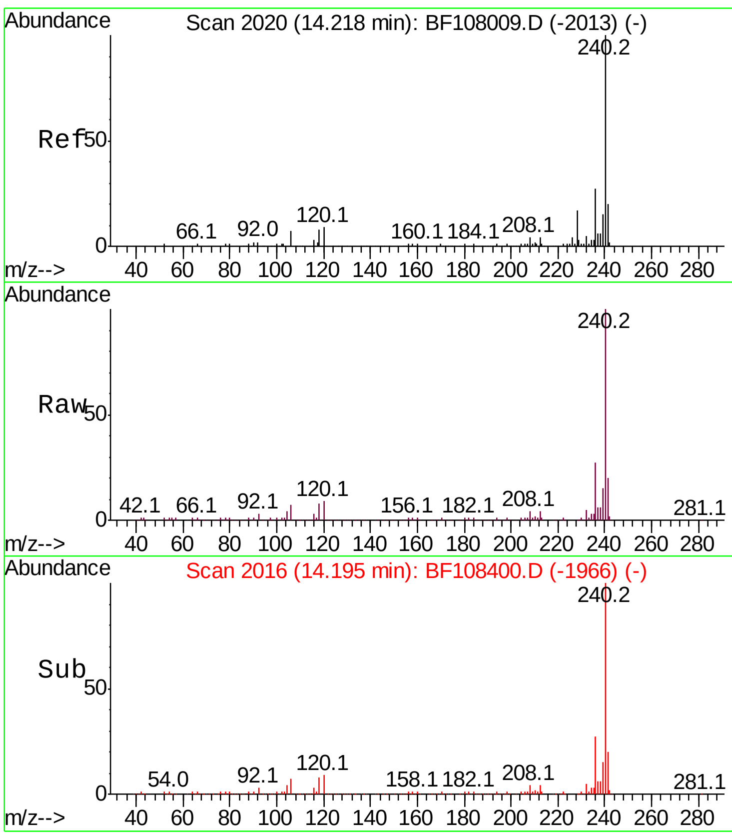
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:188 Resp: 460872

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.3	9.2	13.8

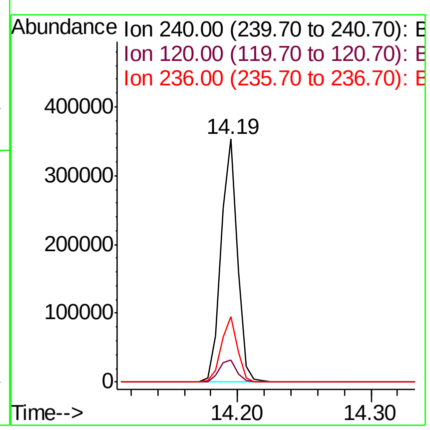


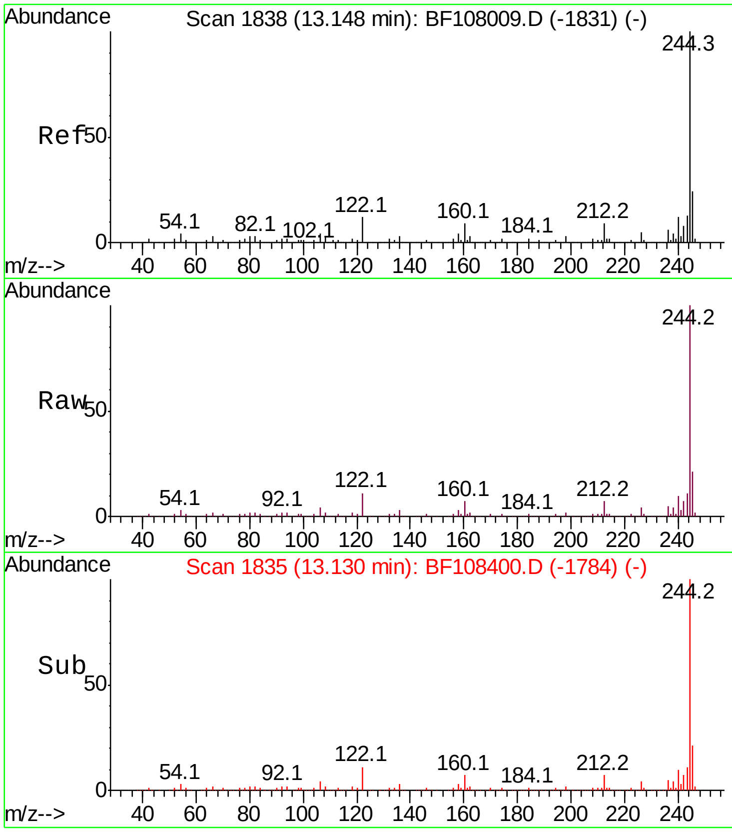


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:240 Resp: 308660

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	27.0	20.7	31.1

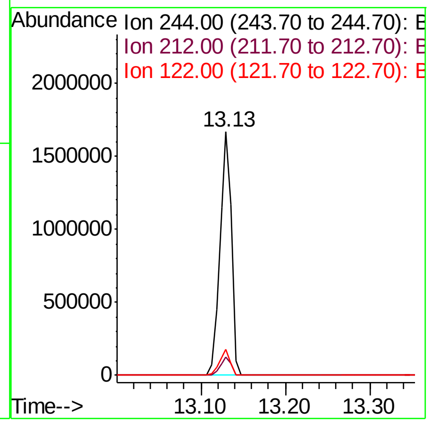


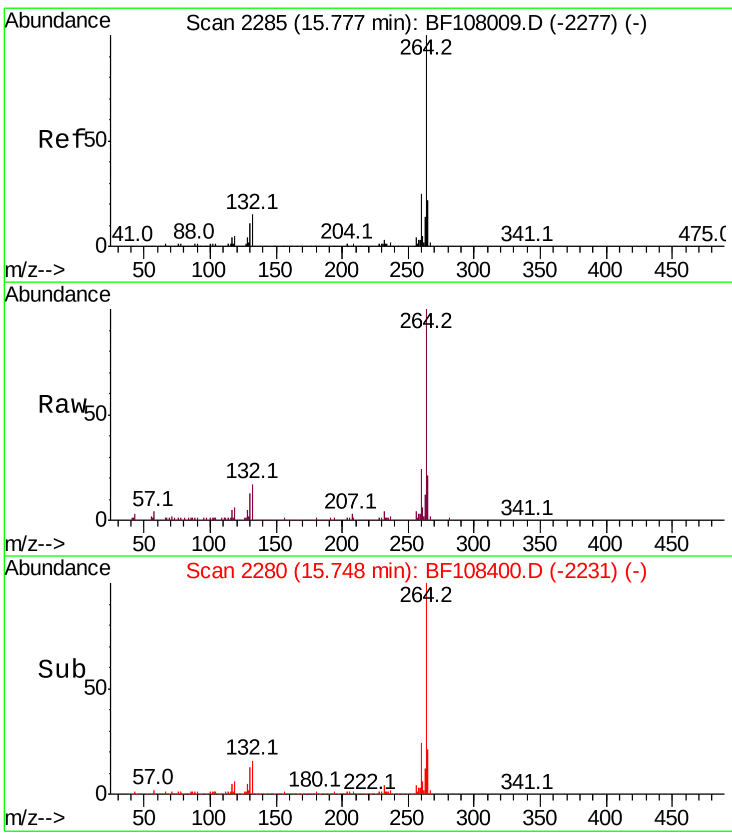


#78
Terphenyl-d14
Concen: 135.121 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:244	Resp: 1640328		
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:264	Resp: 274035		
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3