Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109580.D
Acq On : 4 Oct 2018 9:14
Operator : JU/SJ
Sample : J5084-05DL 20X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(8-8.5)DL

Quant Time: Oct 04 11:13:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78021	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	293939	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	127629	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	219003	20.00	ng	0.00
75) Chrysene-d12	13.84	240	221553	20.00	ng	0.00
86) Perylene-d12	15.24	264	188740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	12941	2.73	ng	0.00
7) Phenol-d6	6.35	99	20083	3.32	ng	0.00
23) Nitrobenzene-d5	7.10	82	2984	0.60	ng	-0.18
41) 2,4,6-Tribromophenol	10.52	330	4749	3.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	34726	4.10	ng	-0.02
78) Terphenyl-d14	12.79	244	30358	3.36	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.01	128	610814	44.469	ng	98
37) 2-Methylnaphthalene	8.70	142	373216	42.149	ng	98

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

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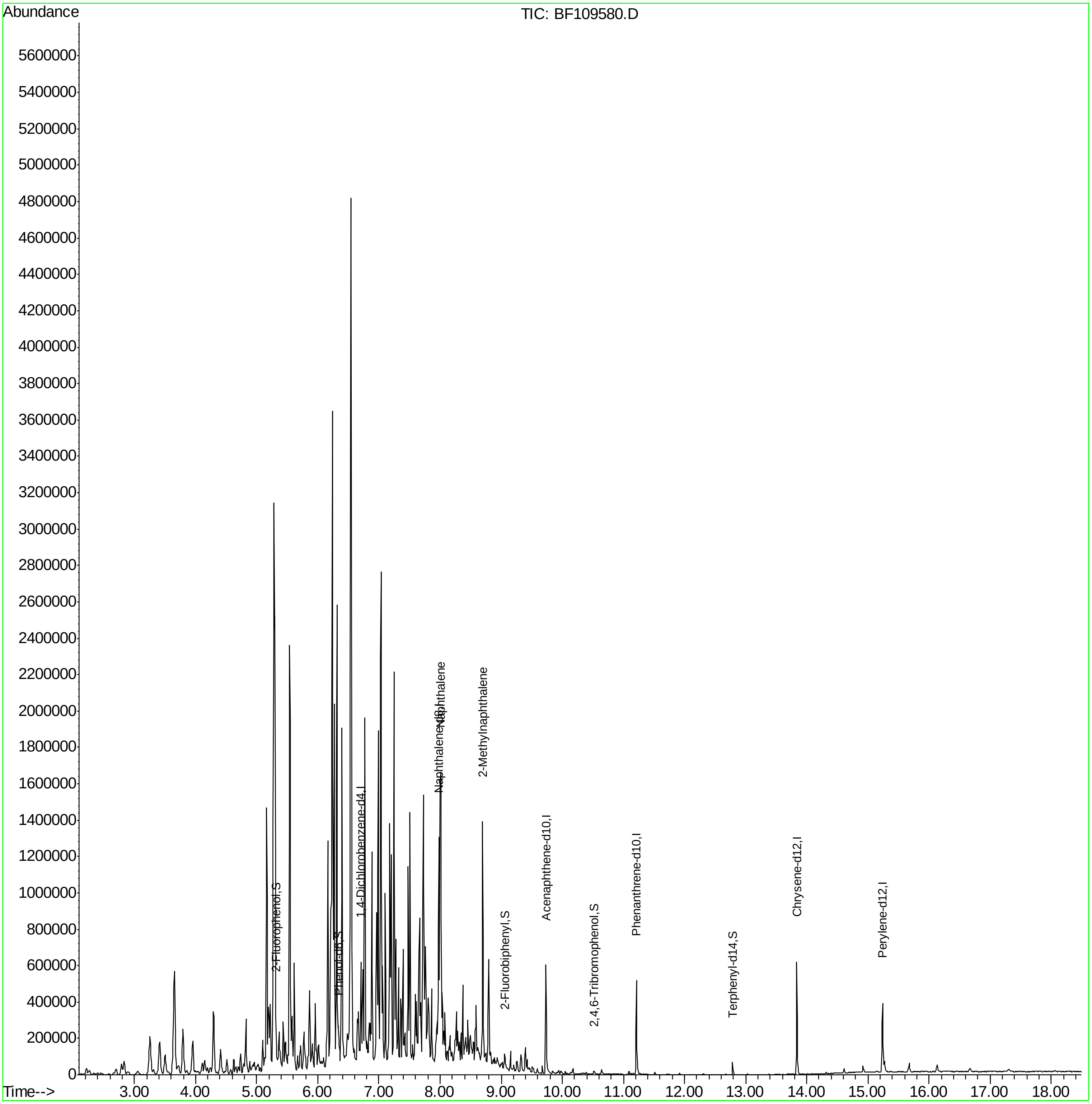
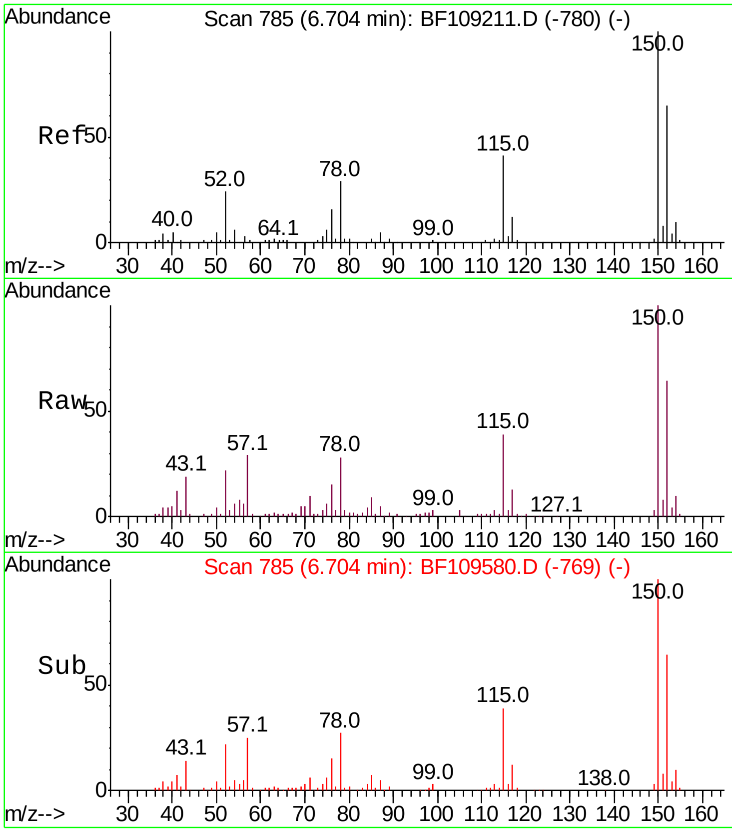


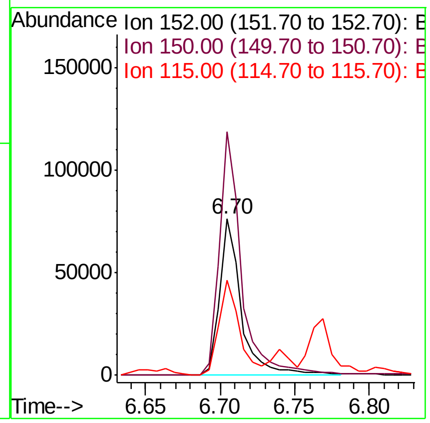


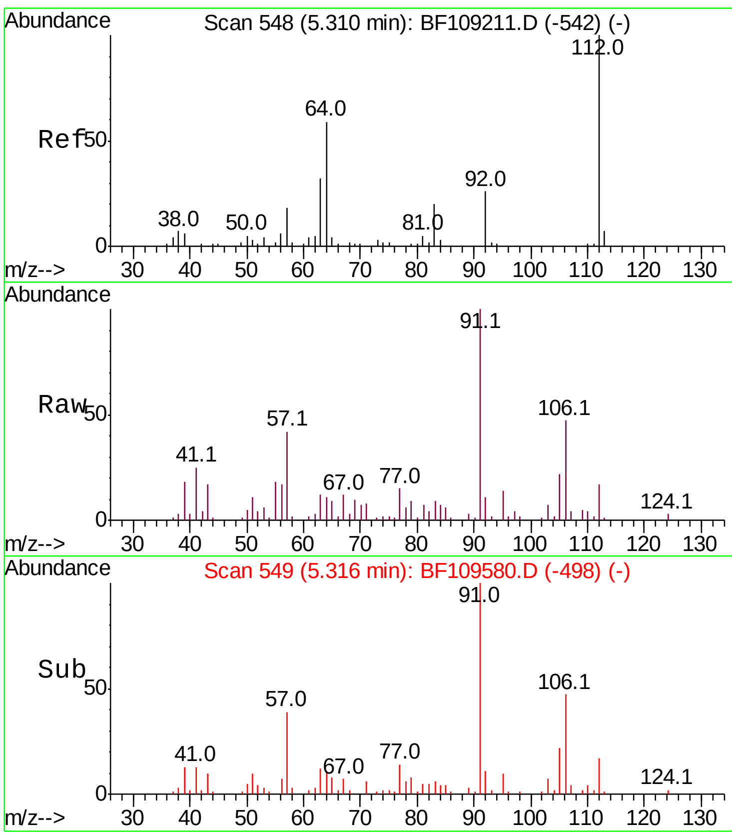
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tgt Ion:152 Resp: 78021

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.8	50.1	75.1

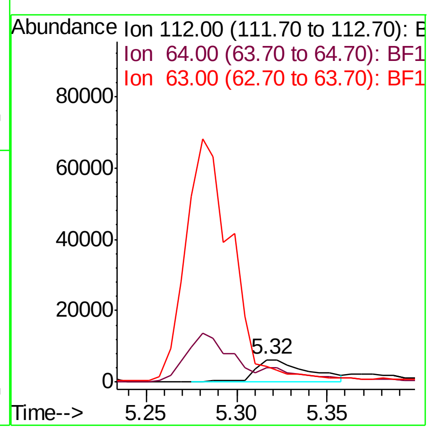


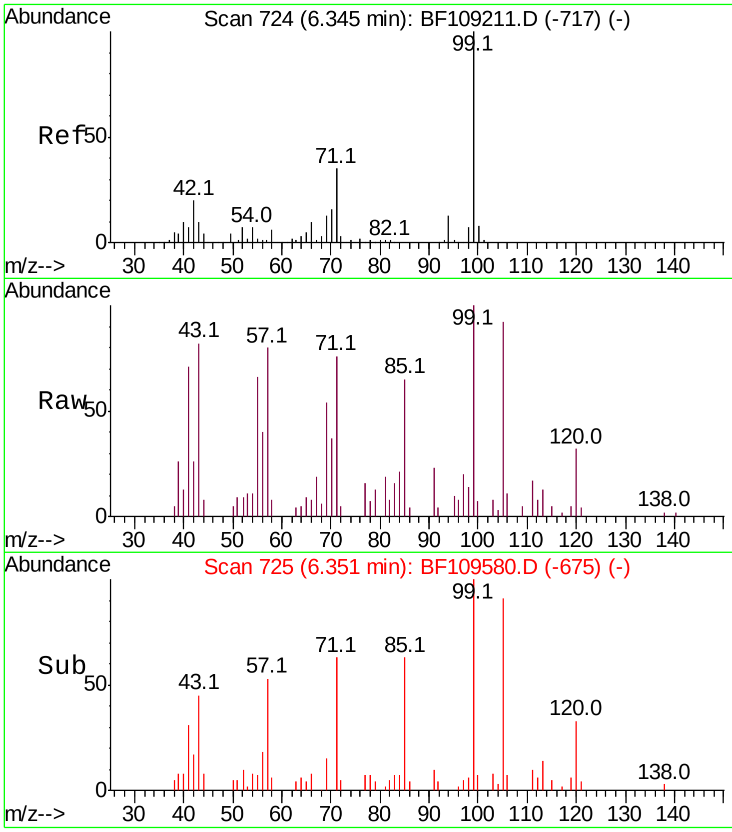


#5
2-Fluorophenol
Concen: 2.732 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:112 Resp: 12941

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	69.9	23.7	35.5#



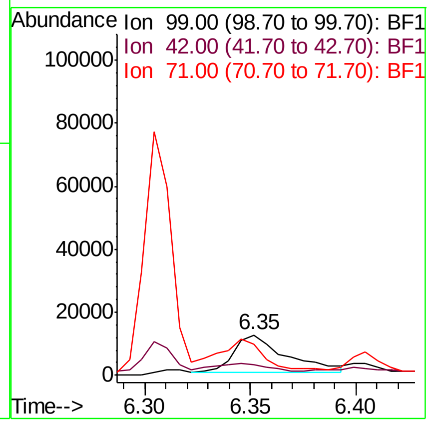


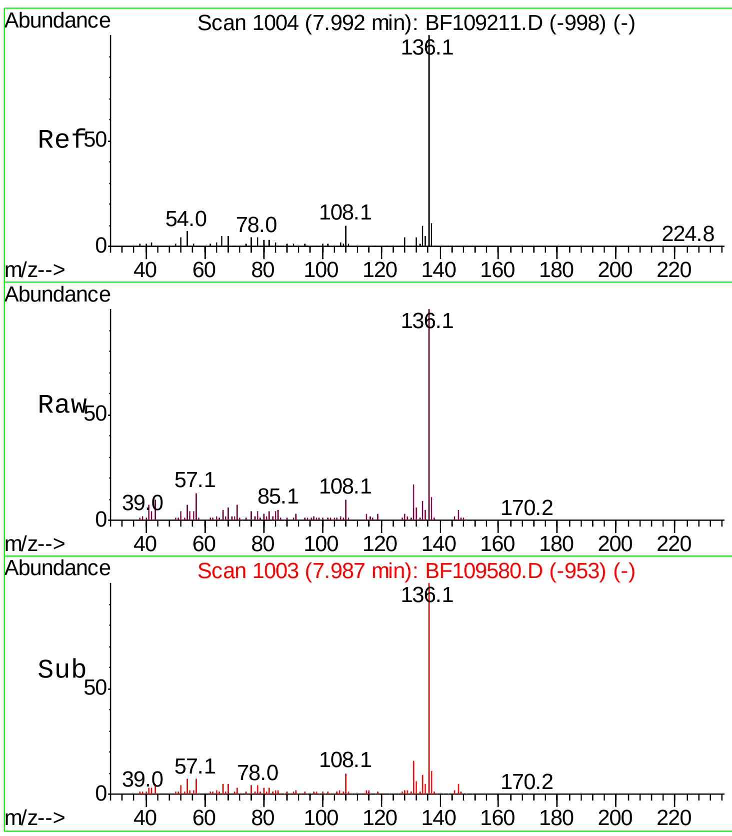
#7
Phenol-d6
Concen: 3.323 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tgt Ion: 99 Resp: 20083

Ion	Ratio	Lower	Upper
99	100		
42	26.4	14.5	21.7#
71	75.6	25.4	38.0#

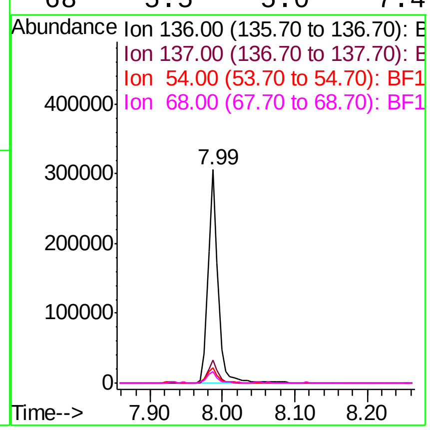


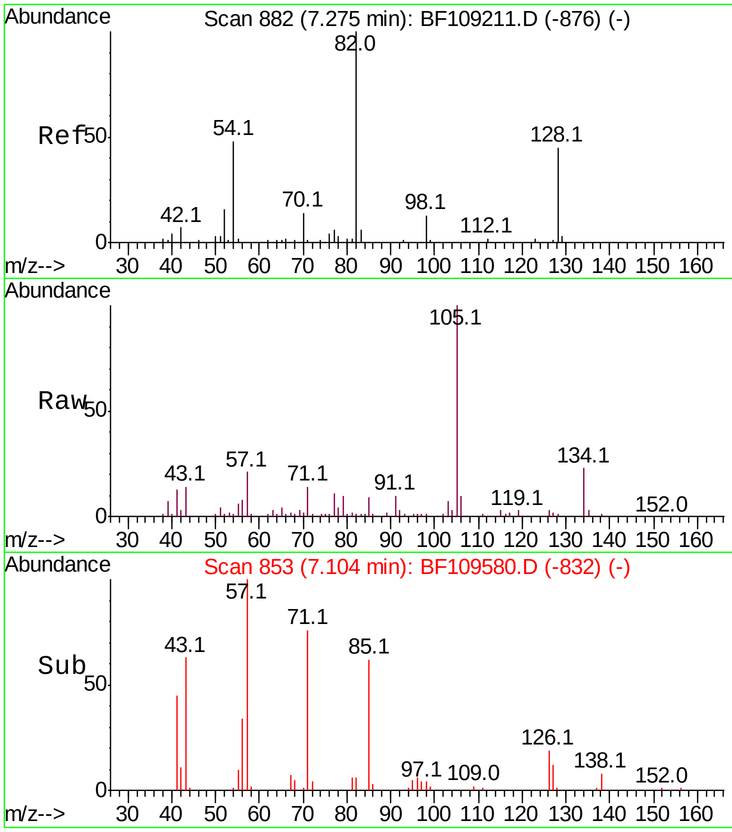


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:136 Resp: 293939

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.5	6.6	9.8
68	5.5	5.0	7.4



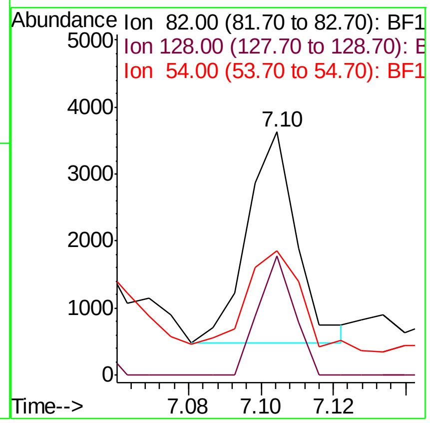


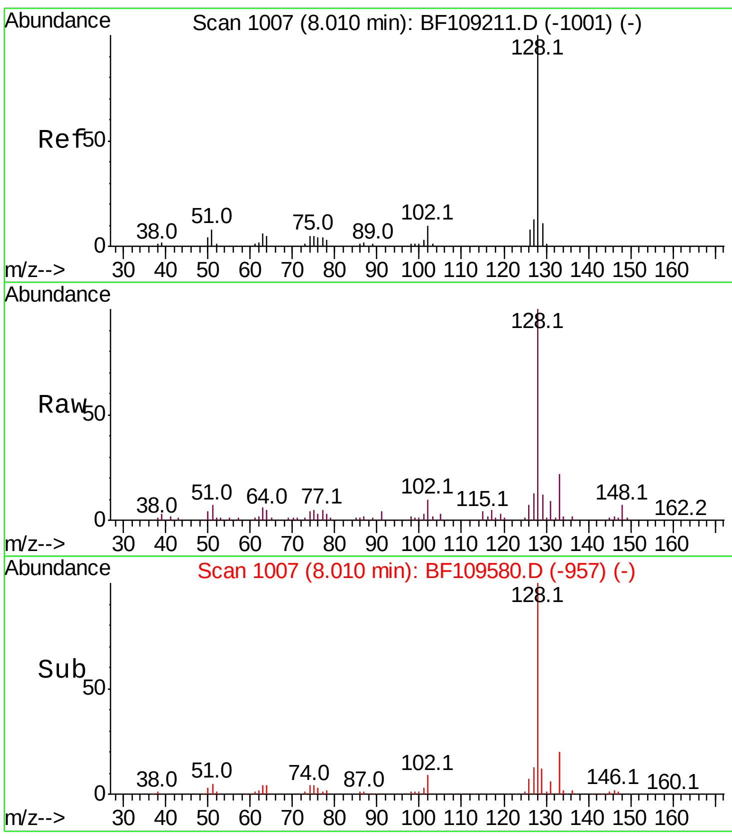
#23
Nitrobenzene-d5
Concen: 0.599 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.18 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tgt Ion: 82 Resp: 2984

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	51.3	41.4	62.2

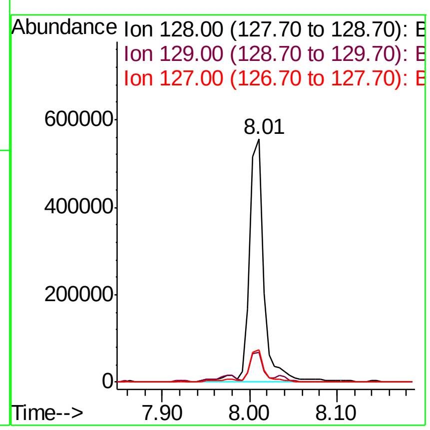




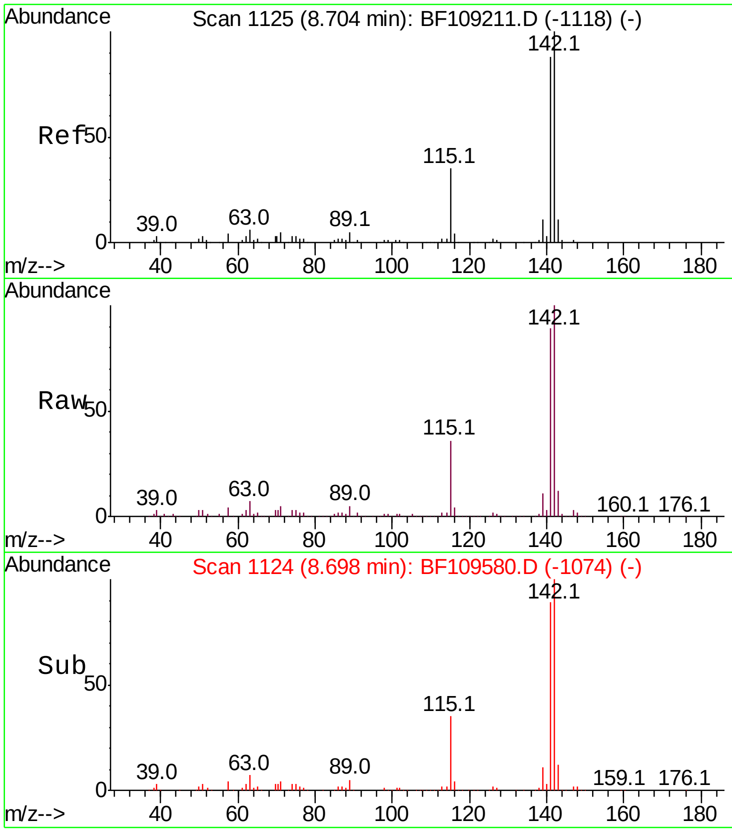
#31
Naphthalene
Concen: 44.469 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:128 Resp: 610814

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.5	10.9	16.3

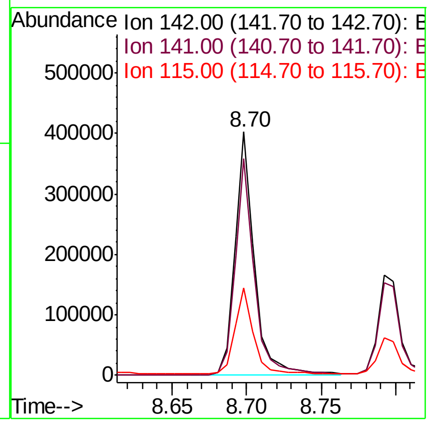


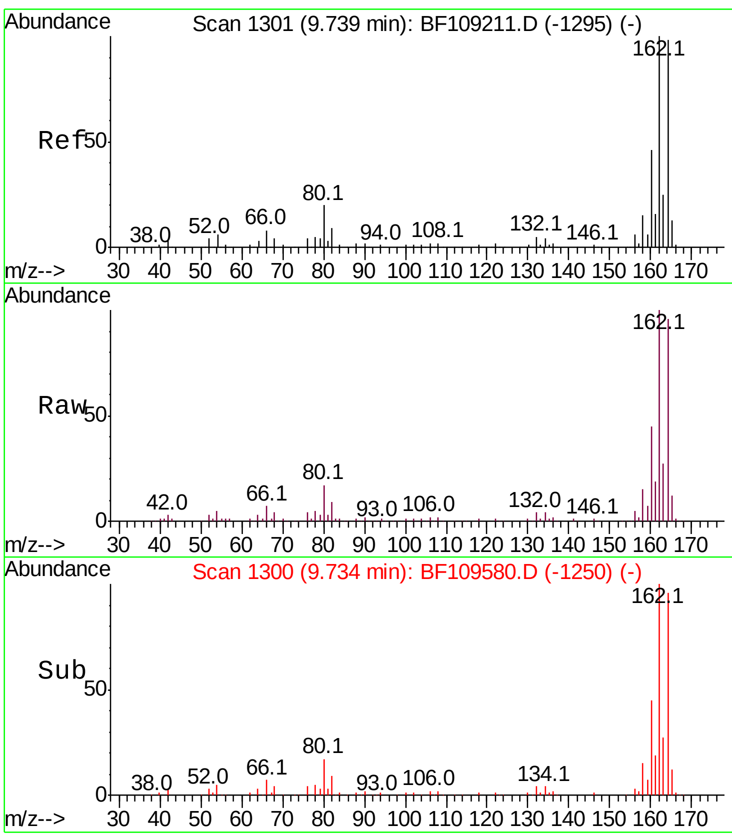
Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL



#37
2-Methylnaphthalene
Concen: 42.149 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

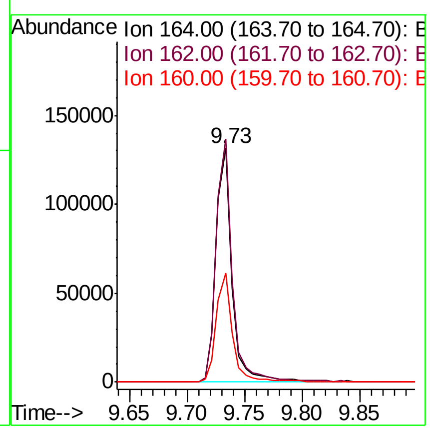
Tgt	Ion:142	Resp:	373216
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	35.7	26.1	39.1



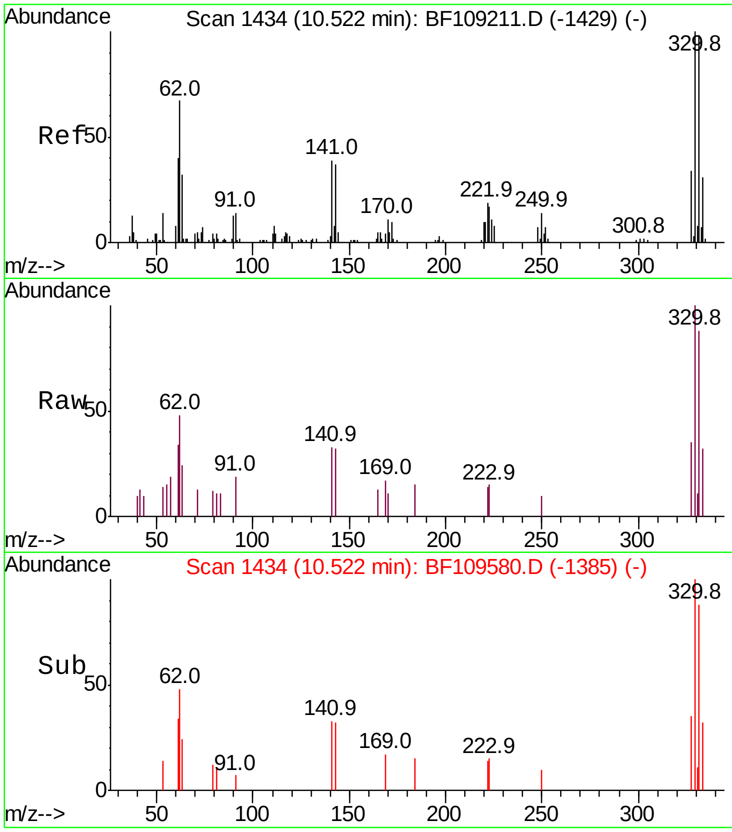


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt	Ion:164	Resp:	127629
Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.4	38.3	57.5



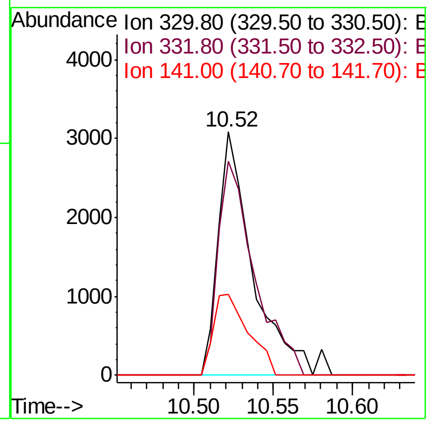
Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

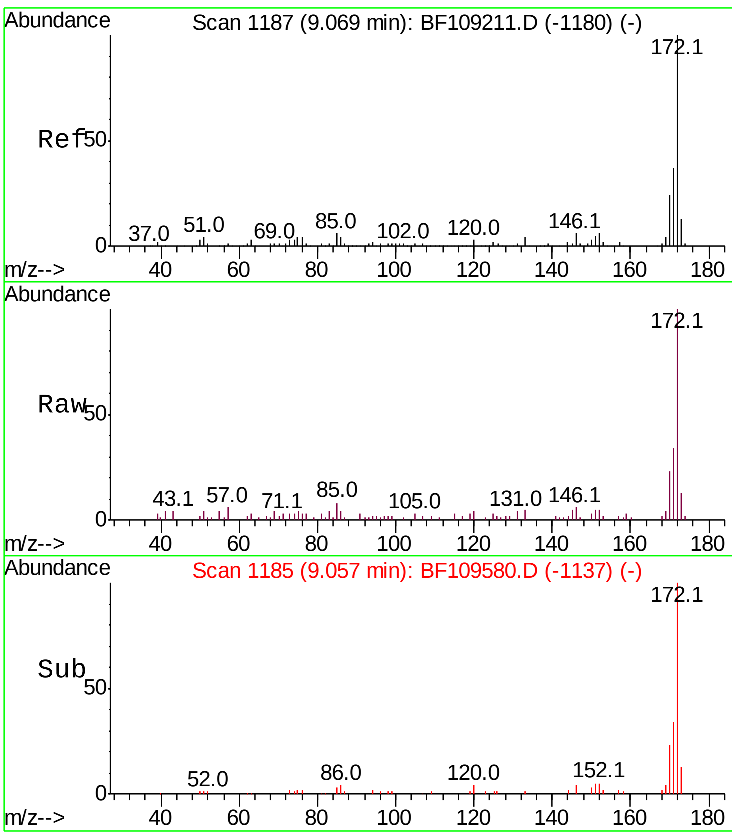


#41
2,4,6-Tribromophenol
Concen: 3.775 ng
RT: 10.52 min   Scan# 1434
Delta R.T.   -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Tgt Ion:330 Resp: 4749

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.0	115.6
141	33.4	29.9	44.9

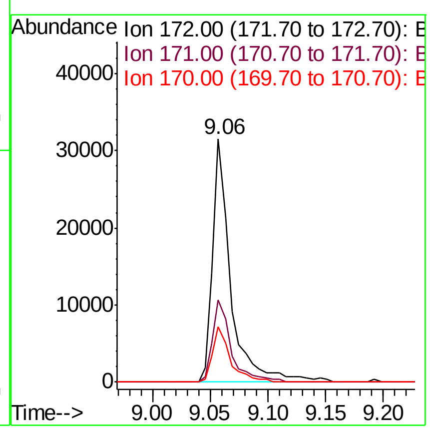


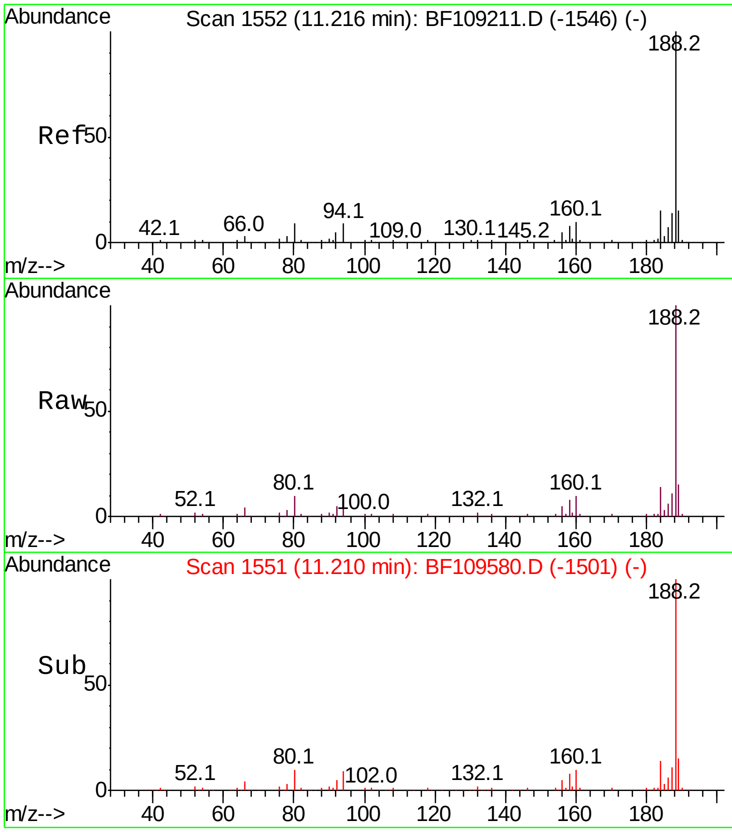


#44
2-Fluorobiphenyl
Concen: 4.104 ng
RT: 9.06 min   Scan# 1185
Delta R.T.   -0.02 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Tgt Ion:172 Resp: 34726

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	22.7	19.6	29.4



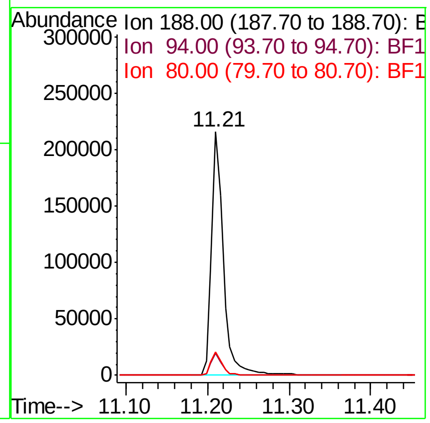


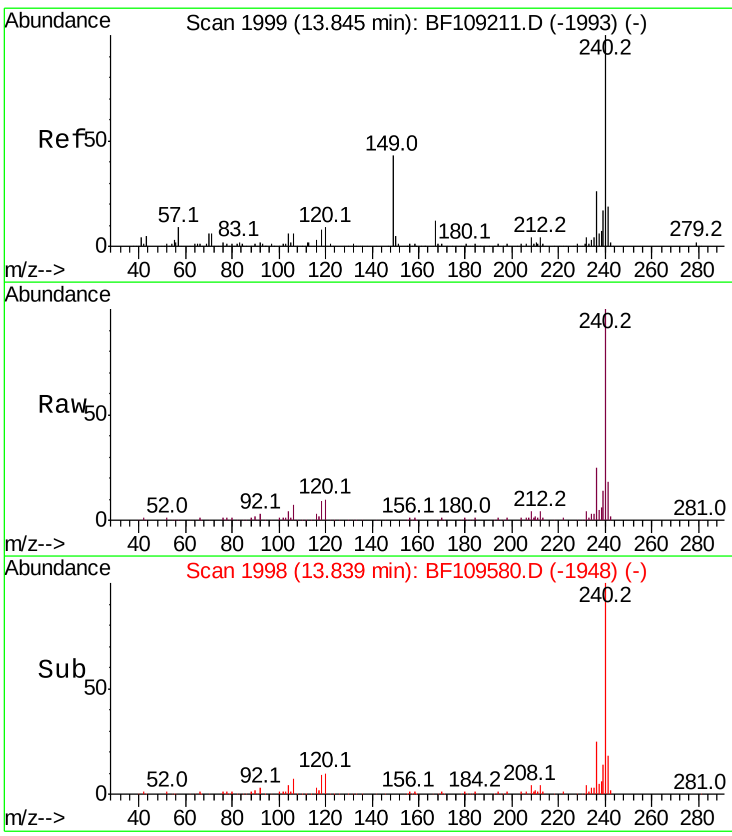
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min   Scan# 1551
Delta R.T.   -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tgt Ion:188 Resp: 219003

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

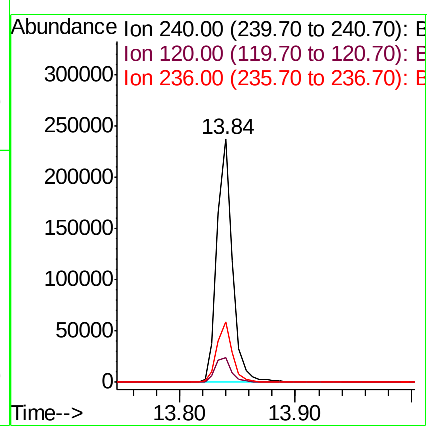


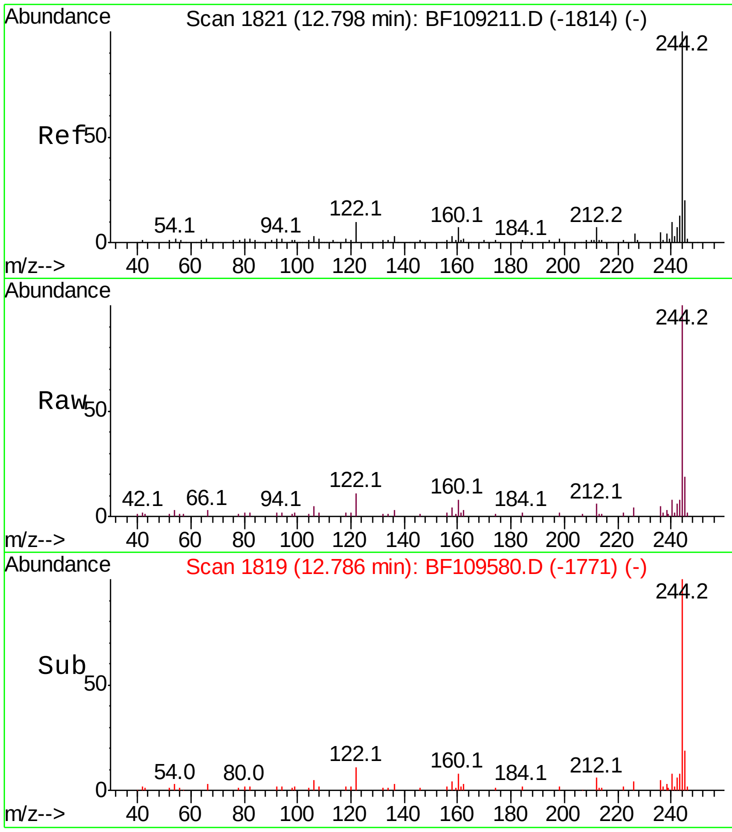


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min   Scan# 1998
Delta R.T.   -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Tgt Ion:240 Resp: 221553

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.0	20.7	31.1

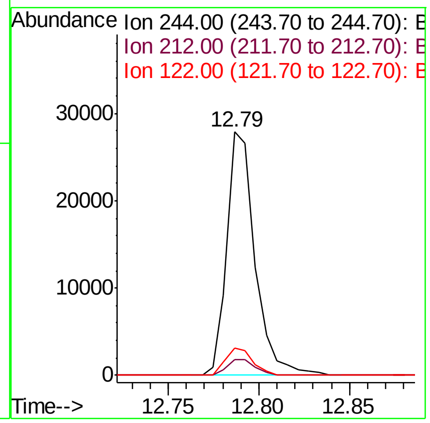


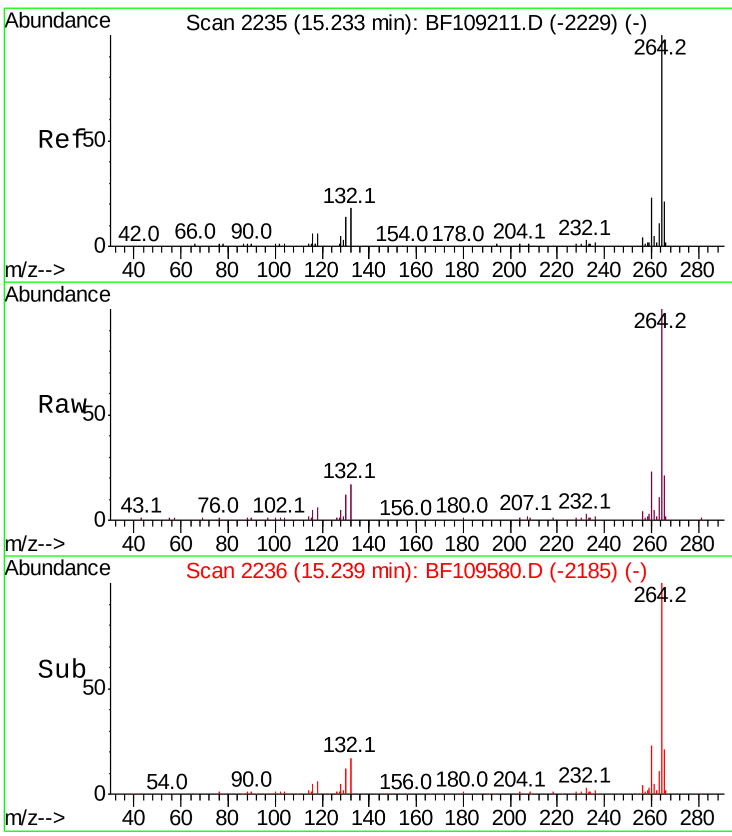


#78
Terphenyl-d14
Concen: 3.363 ng
RT: 12.79 min   Scan# 1819
Delta R.T.   -0.02 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tgt Ion:244	Resp:		30358
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min   Scan# 2236
Delta R.T.   0.00 min
Lab File: BF109580.D
Acq: 4 Oct 2018   9:14

Tgt Ion:264	Resp:		188740
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.2	17.5	26.3