Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109494.D
Acq On : 2 Oct 2018 12:09
Operator : JU/SJ
Sample : J5155-01DL 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW30S-GWDL

Quant Time: Oct 02 13:22:44 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	101897	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408364	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	202184	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	397404	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294872	20.00	ng	0.00
86) Perylene-d12	15.24	264	268372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	599	0.10	ng	0.00
7) Phenol-d6	6.36	99	881	0.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	3634	0.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	807	0.40	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	8008	0.60	ng	-0.02
78) Terphenyl-d14	12.79	244	6007	0.50	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.01	128	1430659	74.971	ng	99
37) 2-Methylnaphthalene	8.70	142	67055	5.451	ng	99

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

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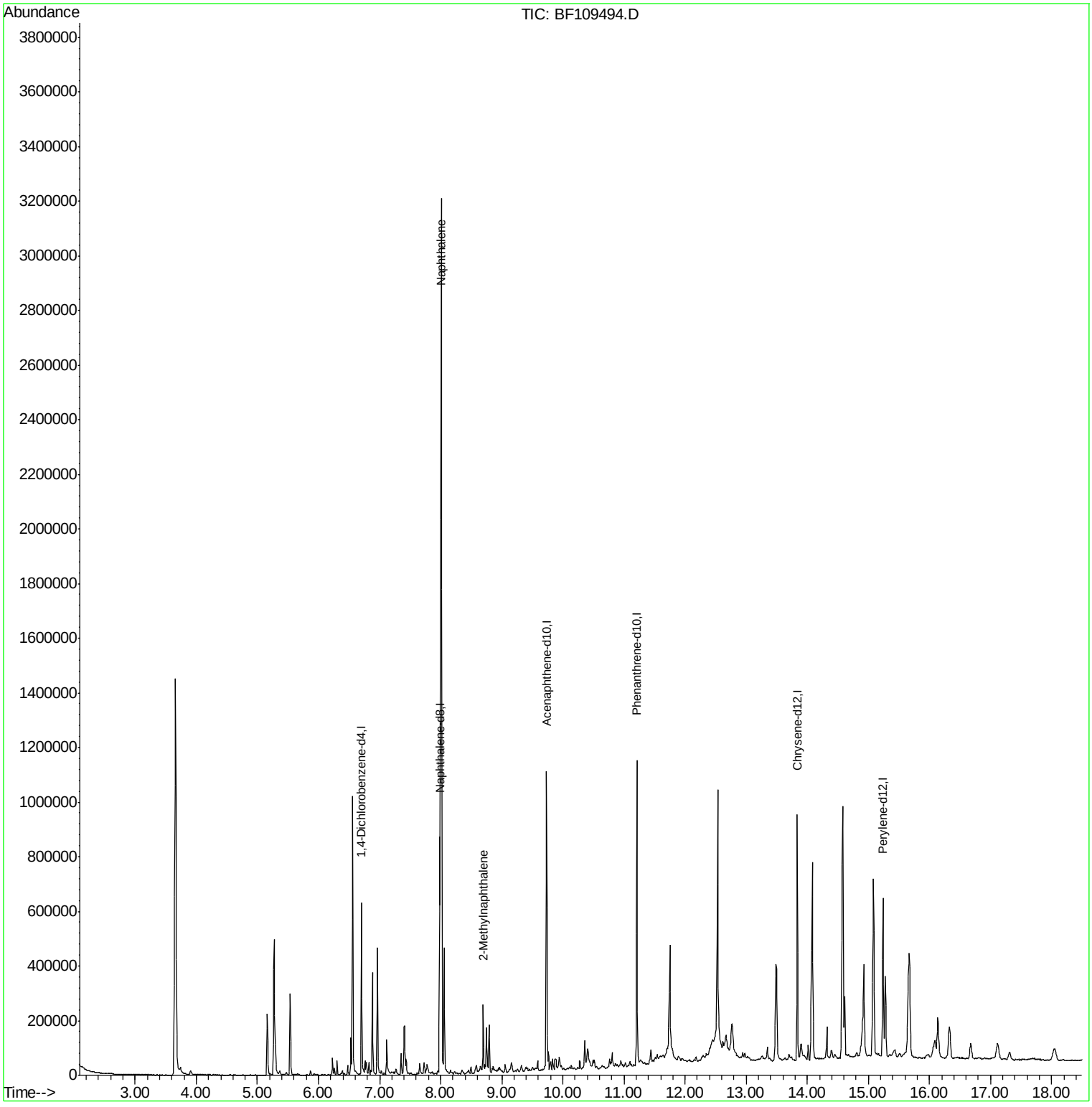
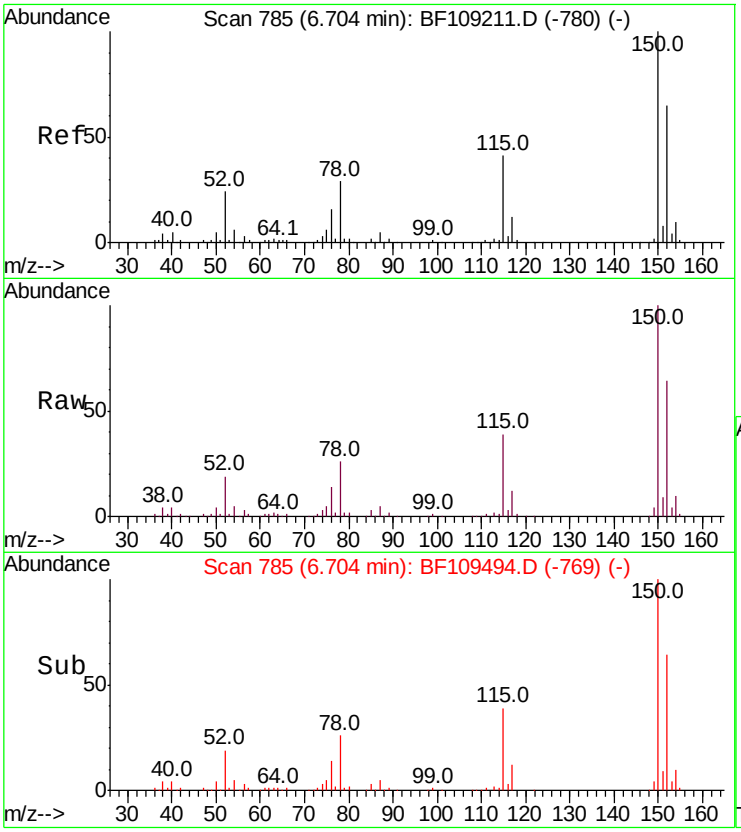


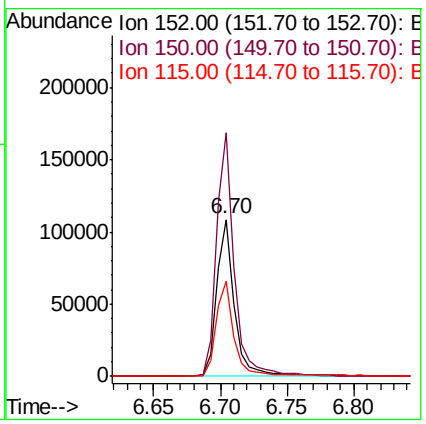


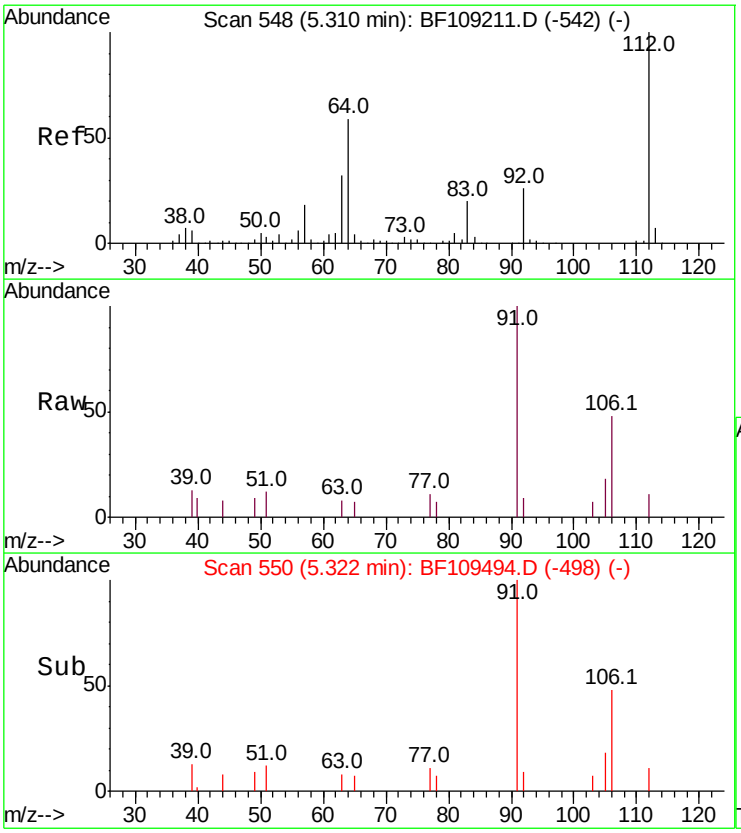
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion:152 Resp: 101897

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	60.8	50.1	75.1

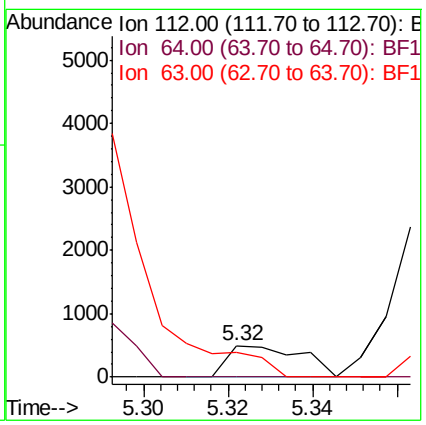


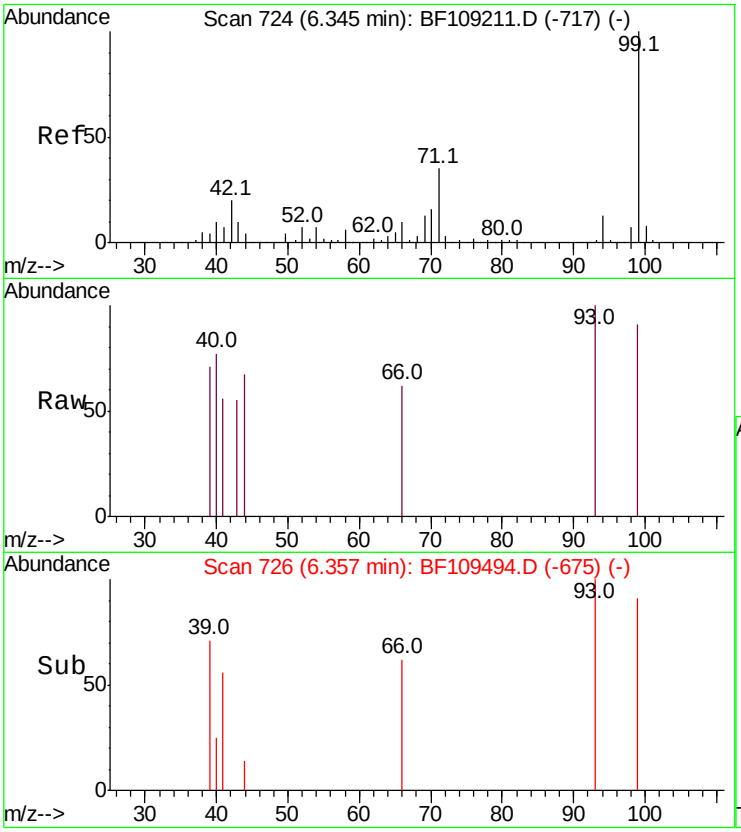


#5
2-Fluorophenol
Concen: 0.097 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:112 Resp: 599

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	76.7	23.7	35.5#



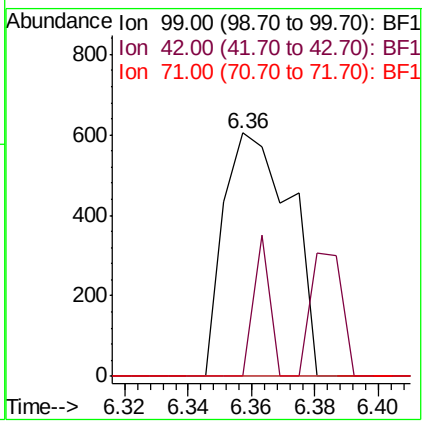


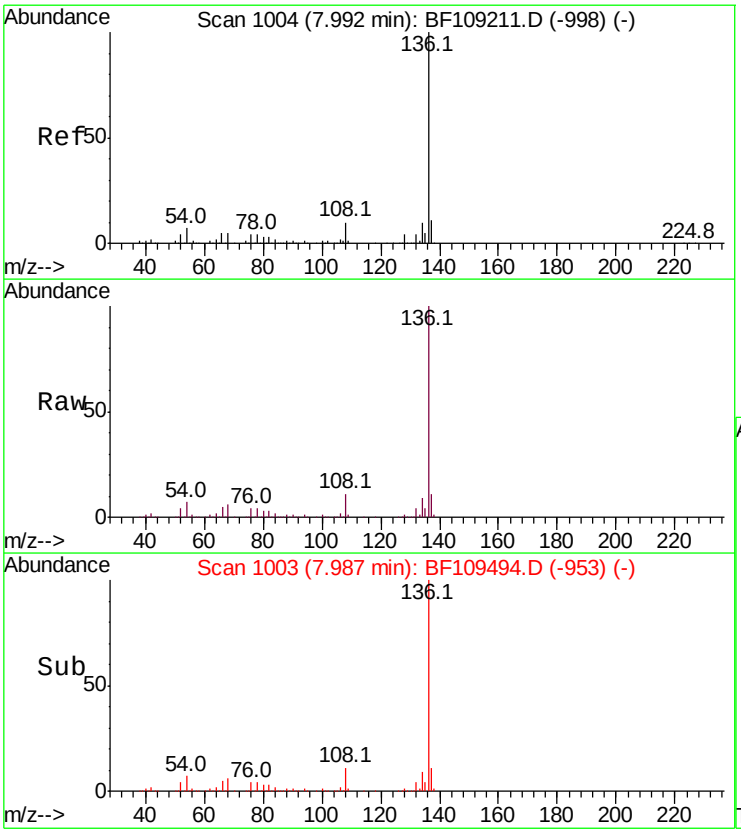
#7
Phenol-d6
Concen: 0.112 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion: 99 Resp: 881

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#

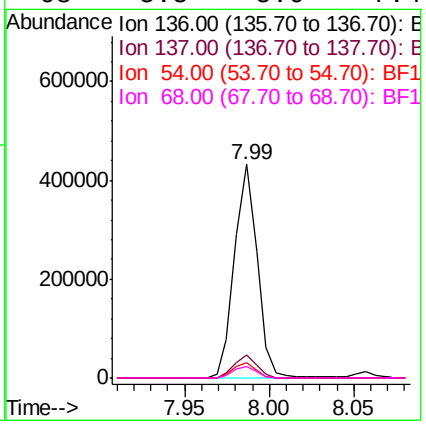


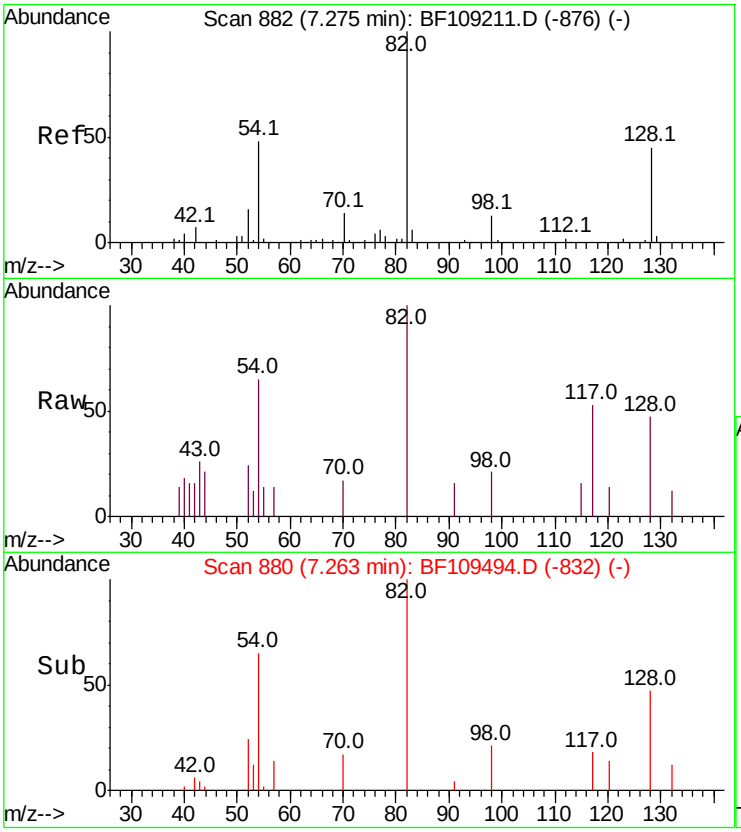


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:136 Resp: 408364

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.5	5.0	7.4



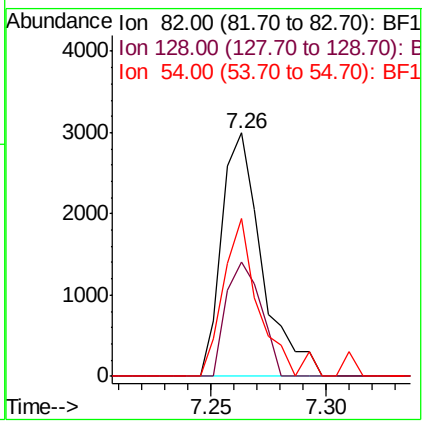


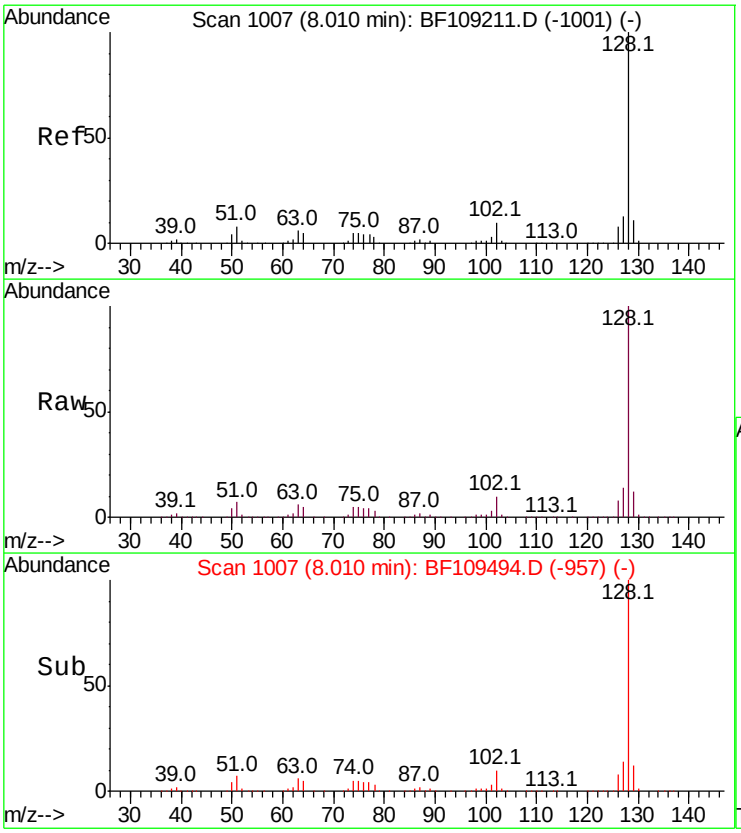
#23
Nitrobenzene-d5
Concen: 0.525 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion: 82 Resp: 3634

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	65.1	41.4	62.2#

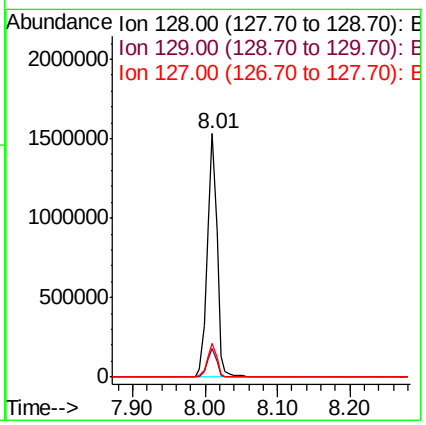


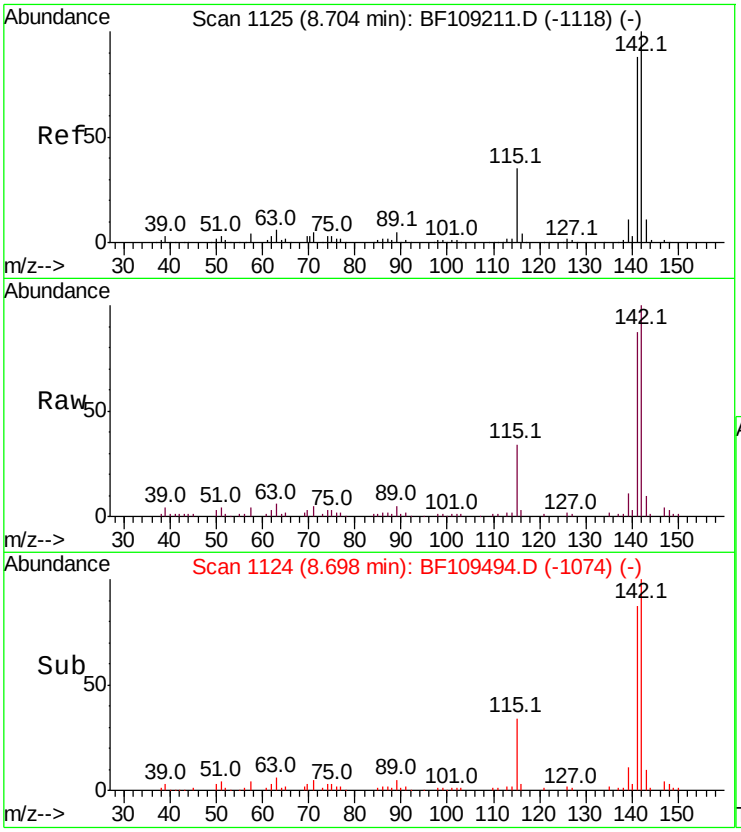


#31
Naphthalene
Concen: 74.971 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:128 Resp: 1430659

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	10.9	16.3



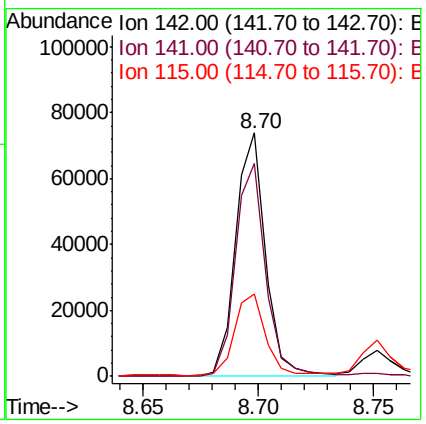


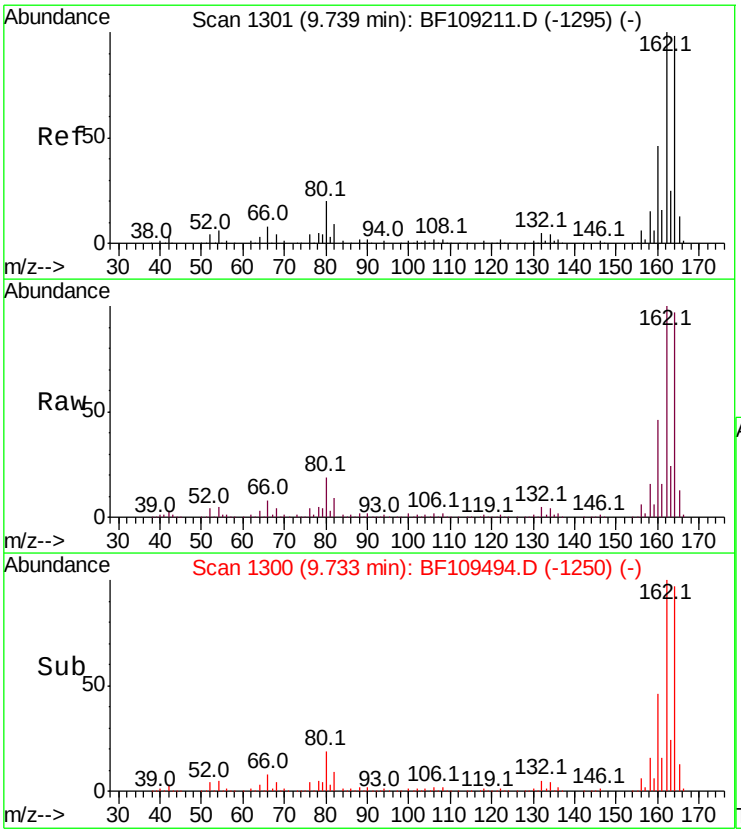
#37
2-Methylnaphthalene
Concen: 5.451 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion:142 Resp: 67055

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	34.0	26.1	39.1

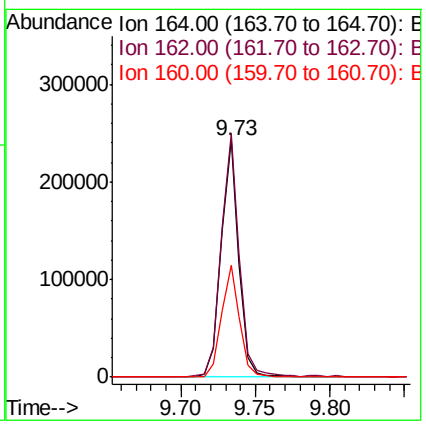


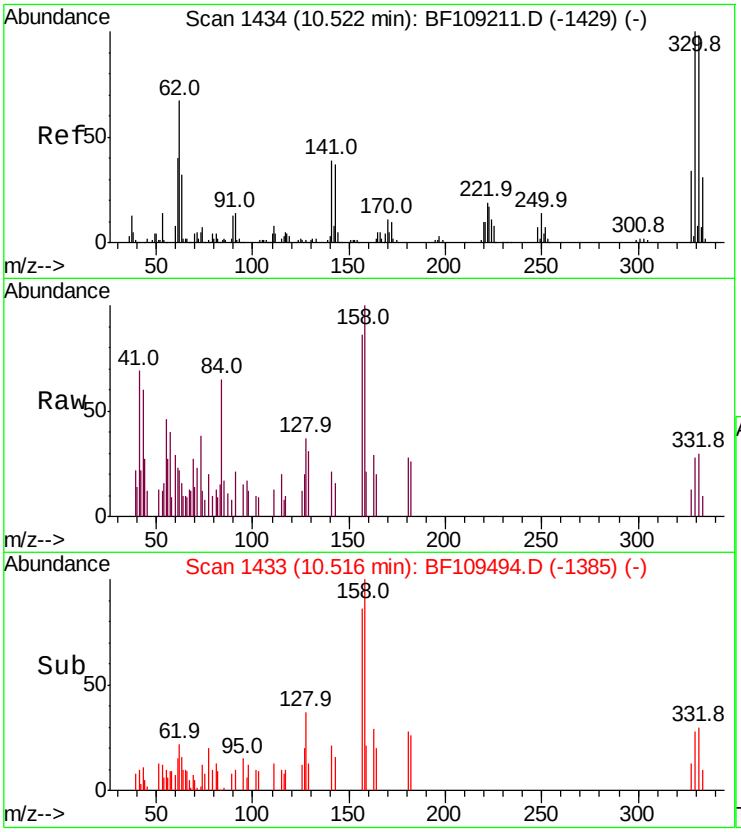


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:164 Resp: 202184

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.3	38.3	57.5



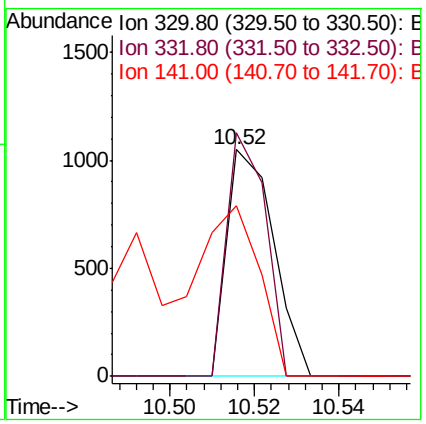


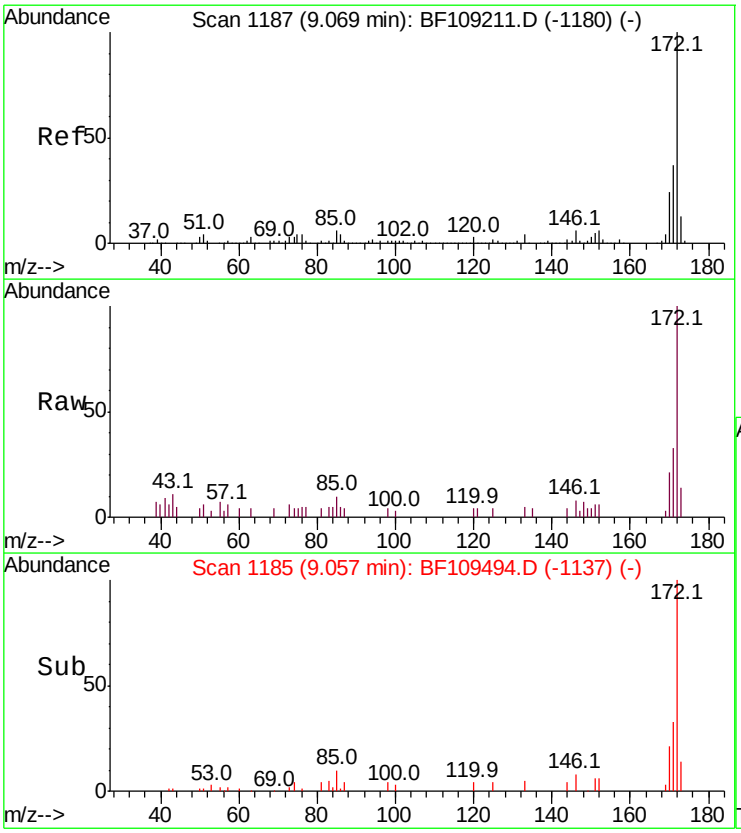
#41
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion:330 Resp: 807

Ion	Ratio	Lower	Upper
330	100		
332	88.5	77.0	115.6
141	100.5	29.9	44.9#

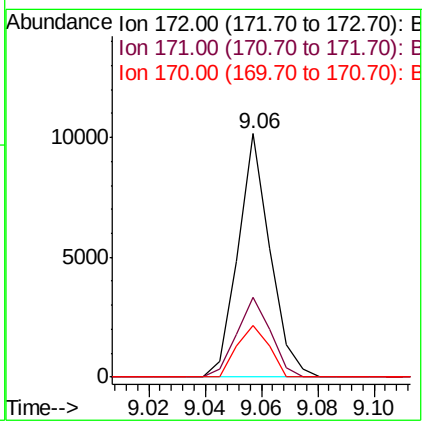


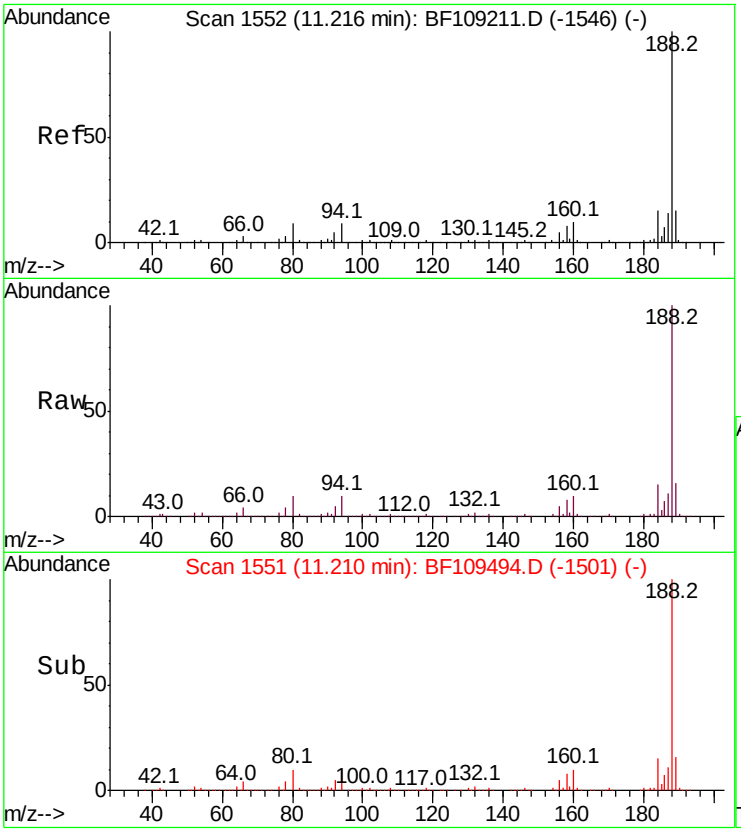


#44
2-Fluorobiphenyl
Concen: 0.597 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:172 Resp: 8008

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.7	44.5
170	21.3	19.6	29.4



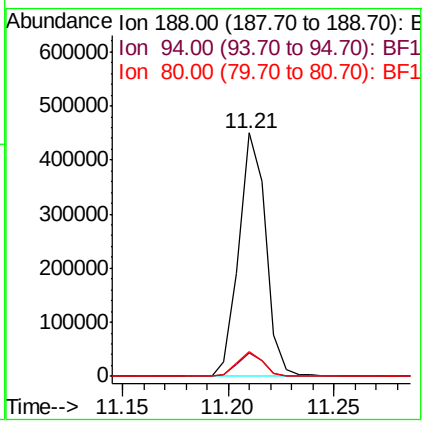


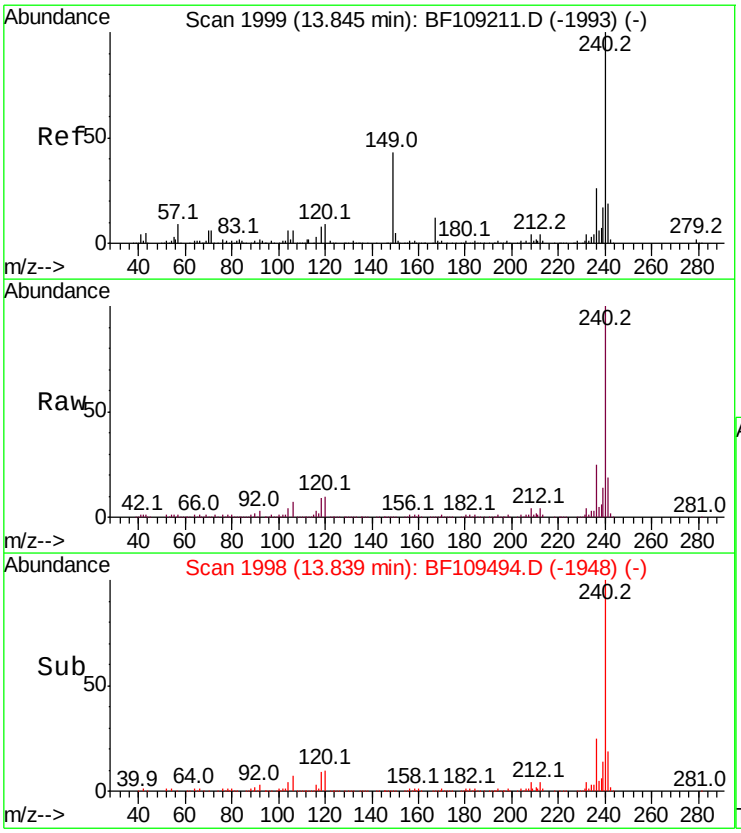
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion:188 Resp: 397404

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

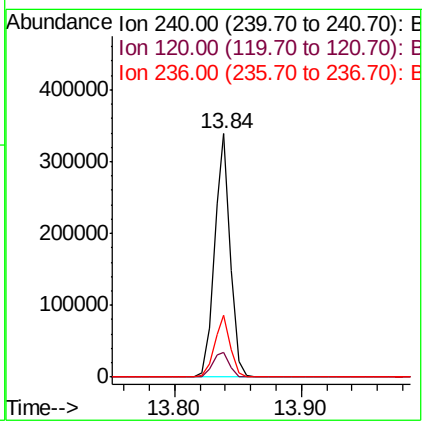


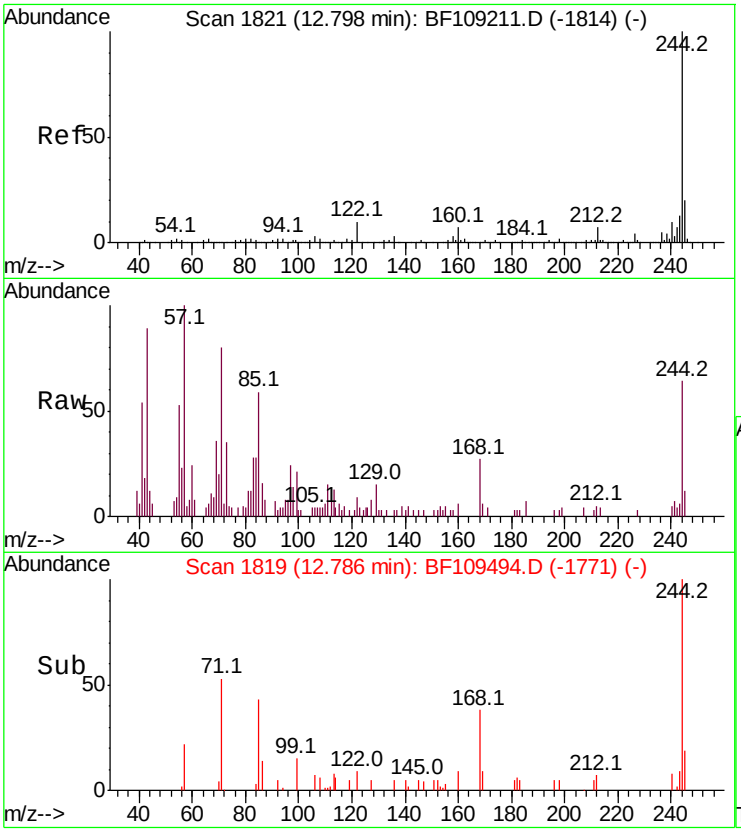


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:240 Resp: 294872

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.4	20.7	31.1



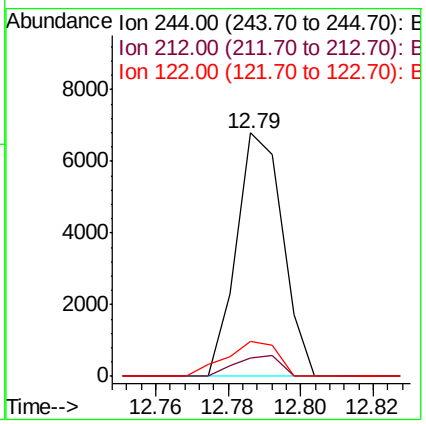


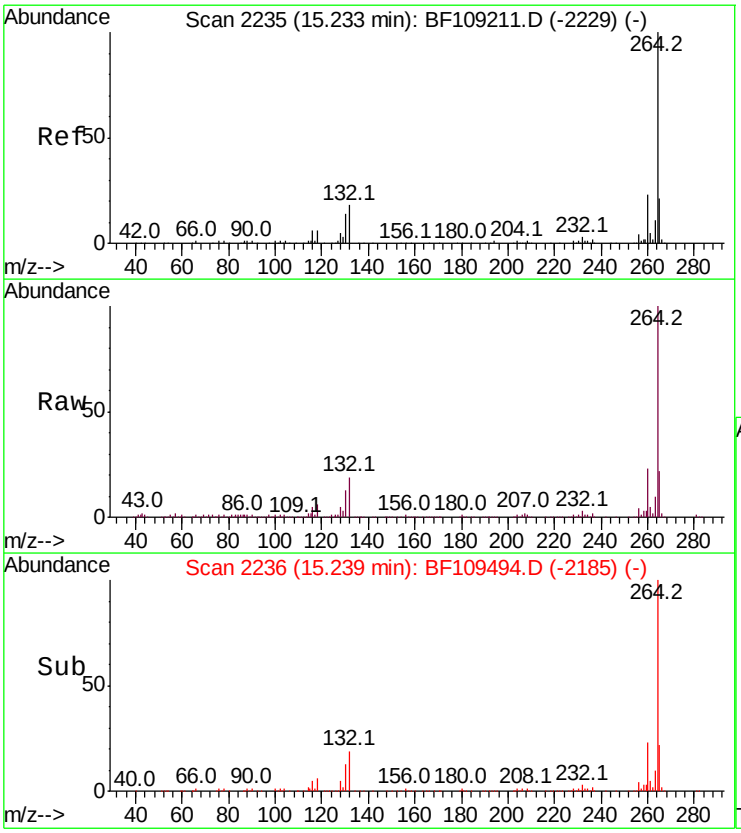
#78
Terphenyl-d14
Concen: 0.500 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109494.D
Acq: 2 Oct 2018 12:09

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30S-GWDL

Tgt Ion:244 Resp: 6007

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.3	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: BF109494.D
Acq: 2 Oct 2018 12:09

Tgt Ion:264 Resp: 268372

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3