Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-5

Quant Time: Oct 02 04:21:19 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	102798	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	374433	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	161694	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	277042	20.00	ng	0.00
75) Chrysene-d12	13.84	240	236595	20.00	ng	0.00
86) Perylene-d12	15.24	264	178405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	726731	116.44	ng	0.01
7) Phenol-d6	6.36	99	896398	112.56	ng	0.00
23) Nitrobenzene-d5	7.27	82	561063	88.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	196084	123.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	986354	92.00	ng	-0.01
78) Terphenyl-d14	12.80	244	857339	88.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	141018	11.991	ng	# 99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109485.D
Acq On : 1 Oct 2018 20:50
Operator : JU/SJ
Sample : J5170-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Quant Time: Oct 02 04:21:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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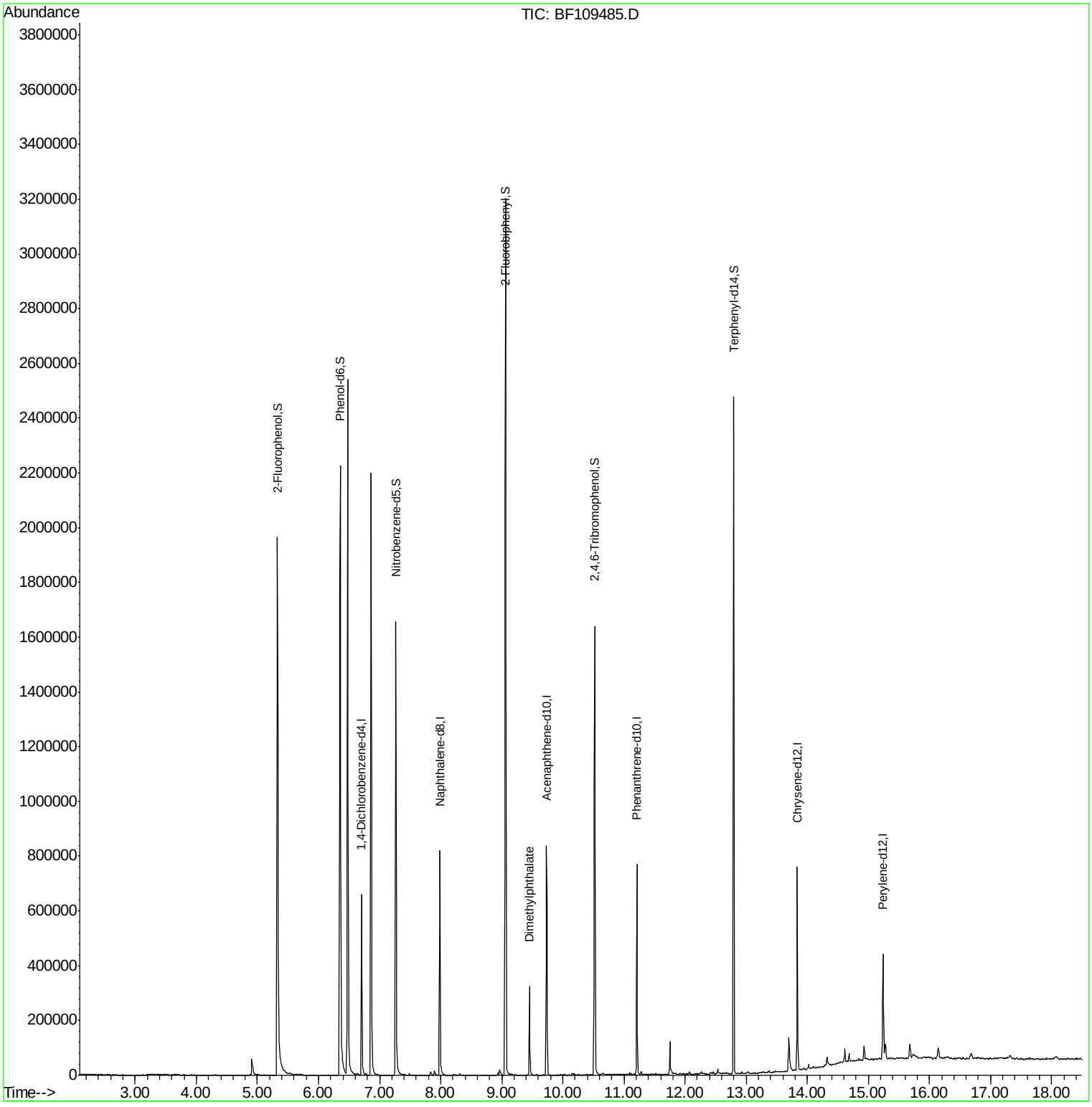
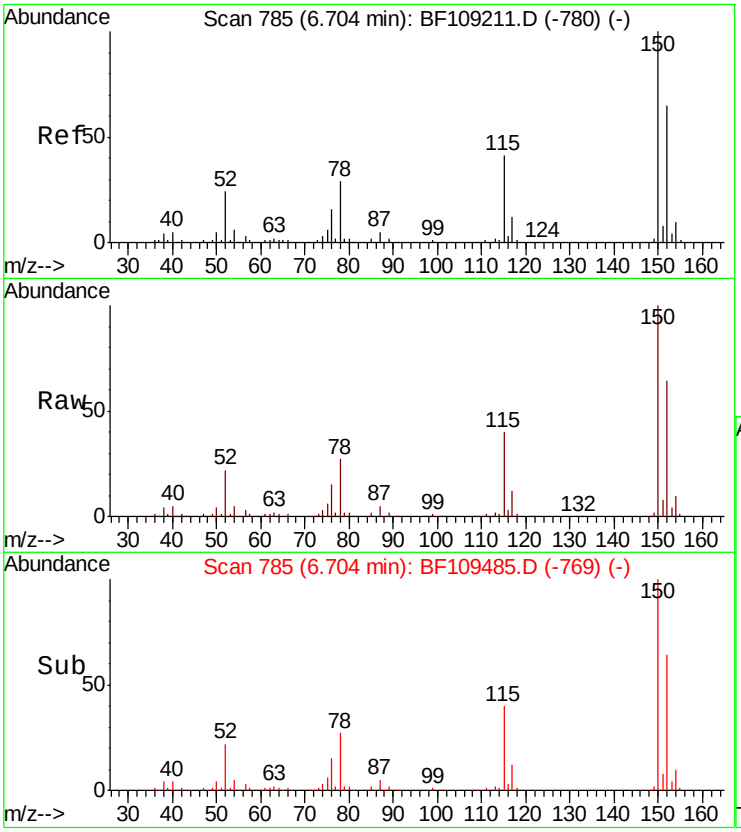


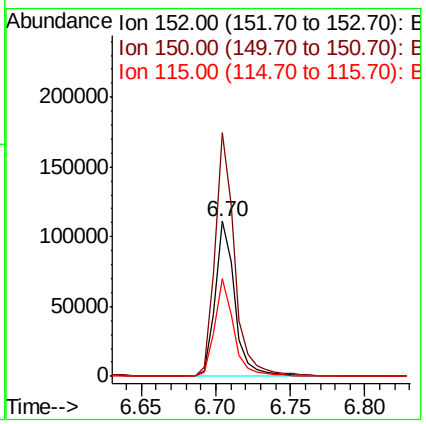


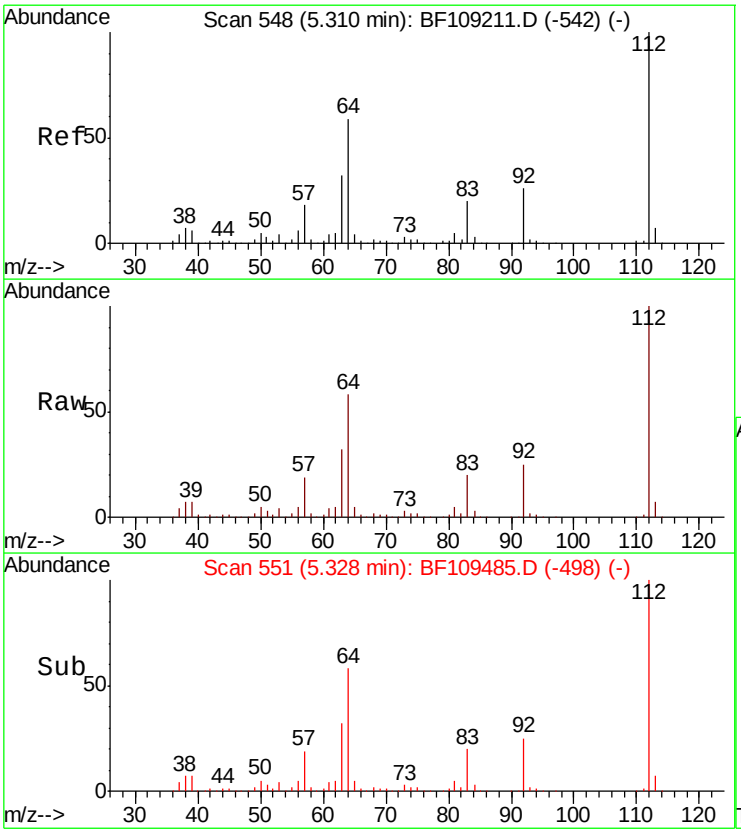
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion:152 Resp: 102798

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	63.3	50.1	75.1

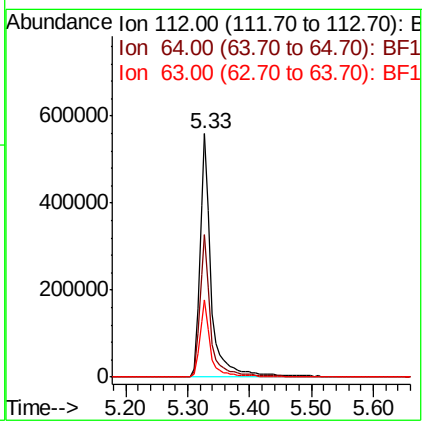


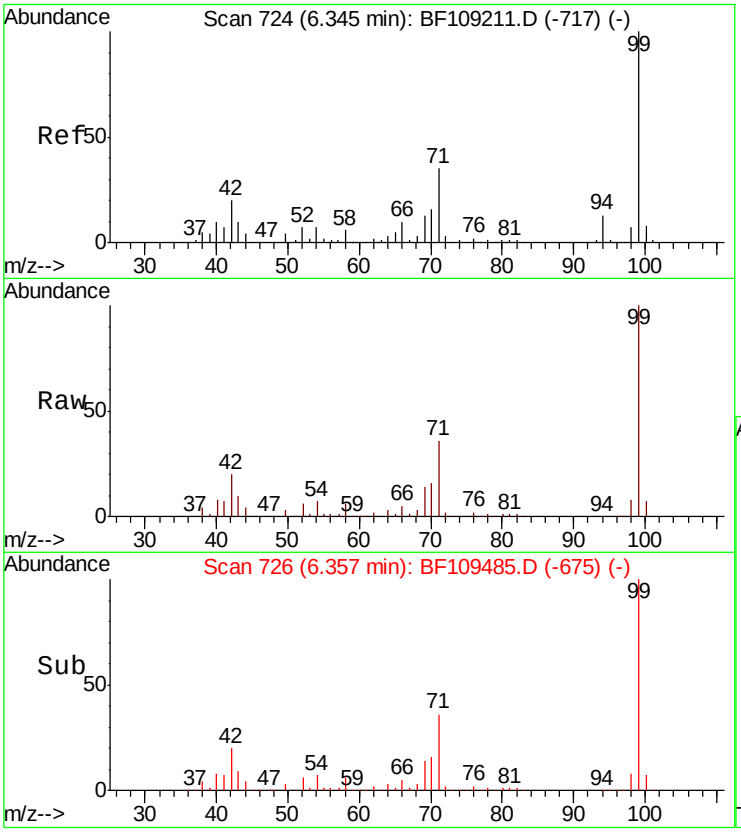


#5
2-Fluorophenol
Concen: 116.440 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:112 Resp: 726731

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	31.5	23.7	35.5



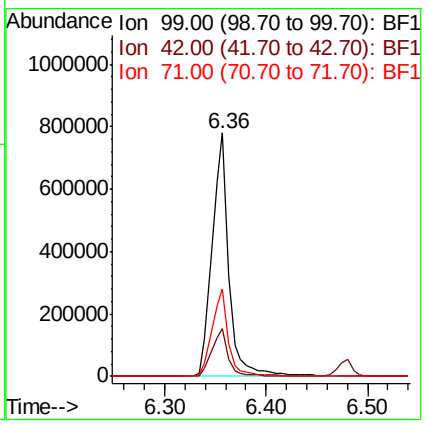


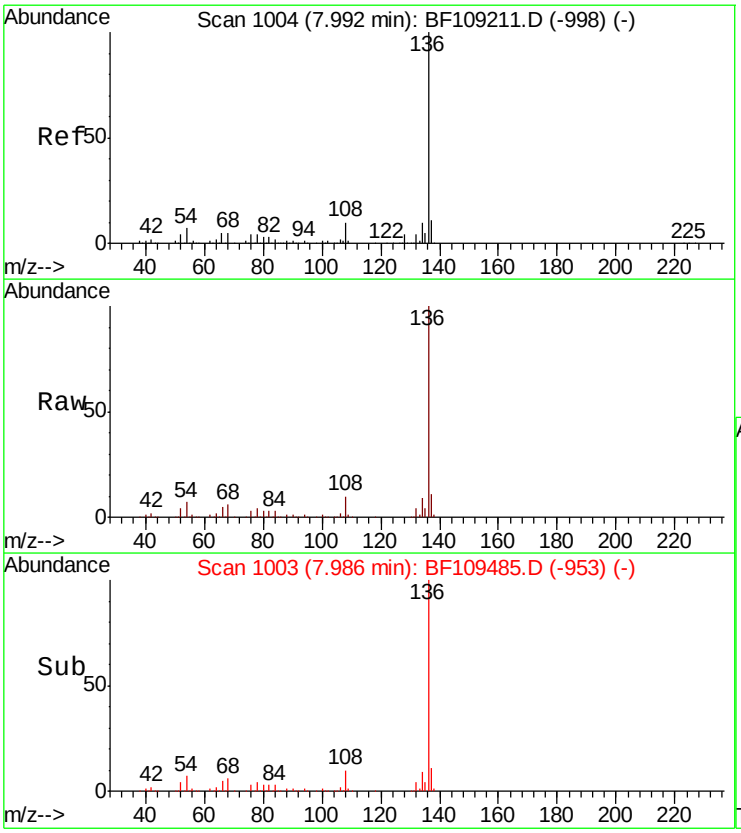
#7
Phenol-d6
Concen: 112.556 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion: 99 Resp: 896398

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.7	25.4	38.0

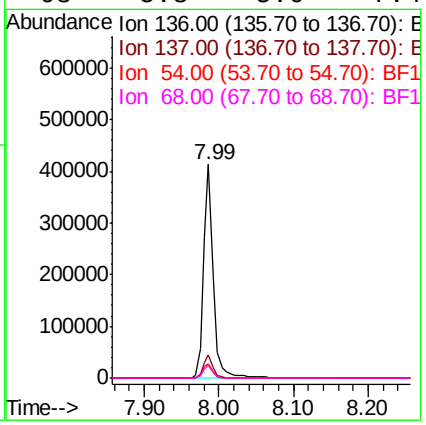


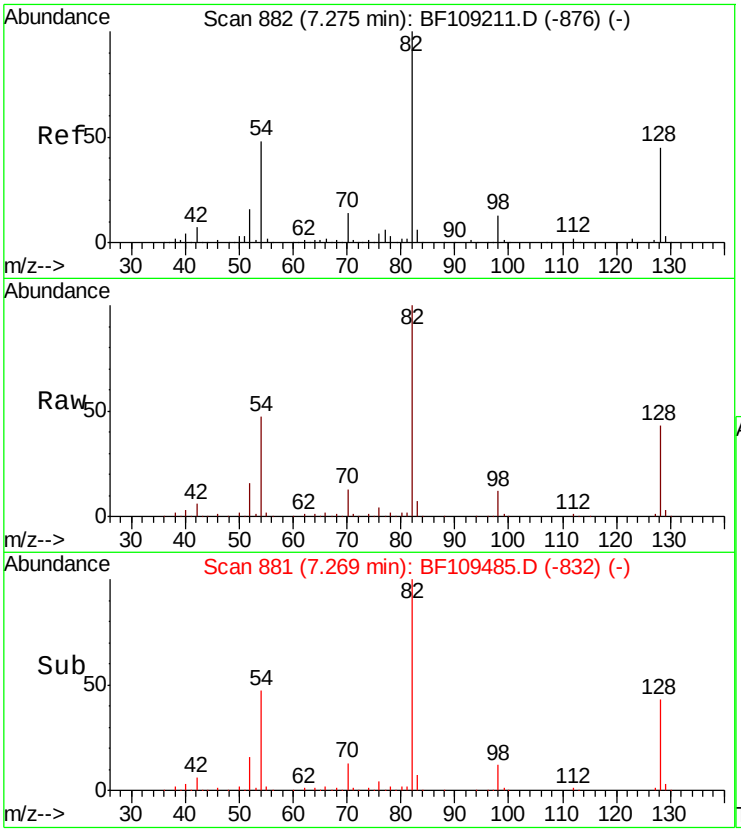


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:136 Resp: 374433

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4



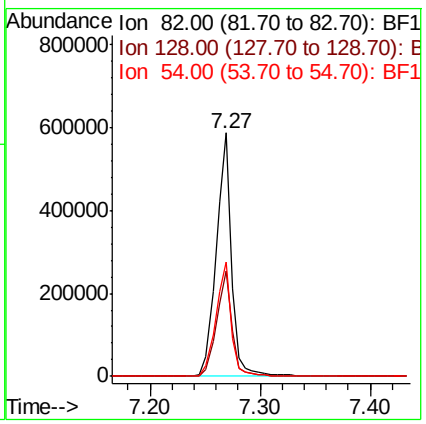


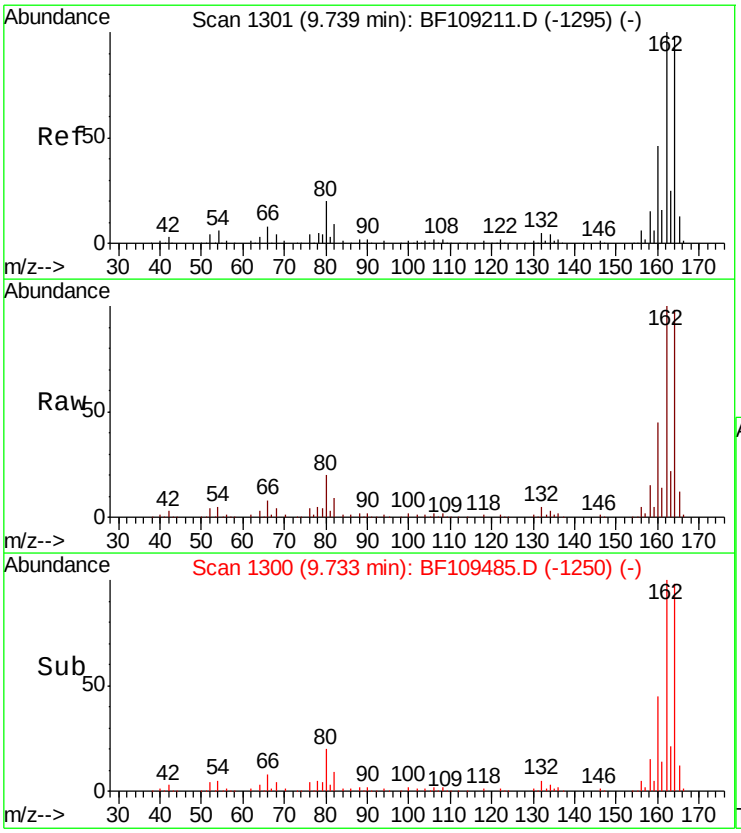
#23
Nitrobenzene-d5
Concen: 88.455 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion: 82 Resp: 561063

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	46.9	41.4	62.2

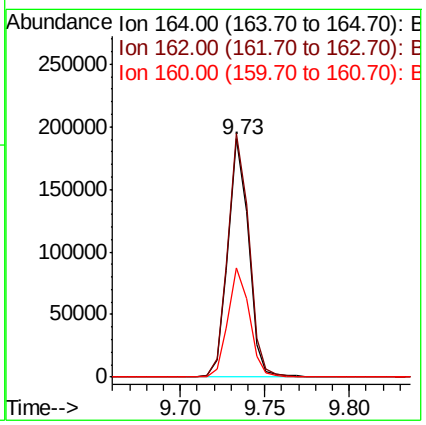


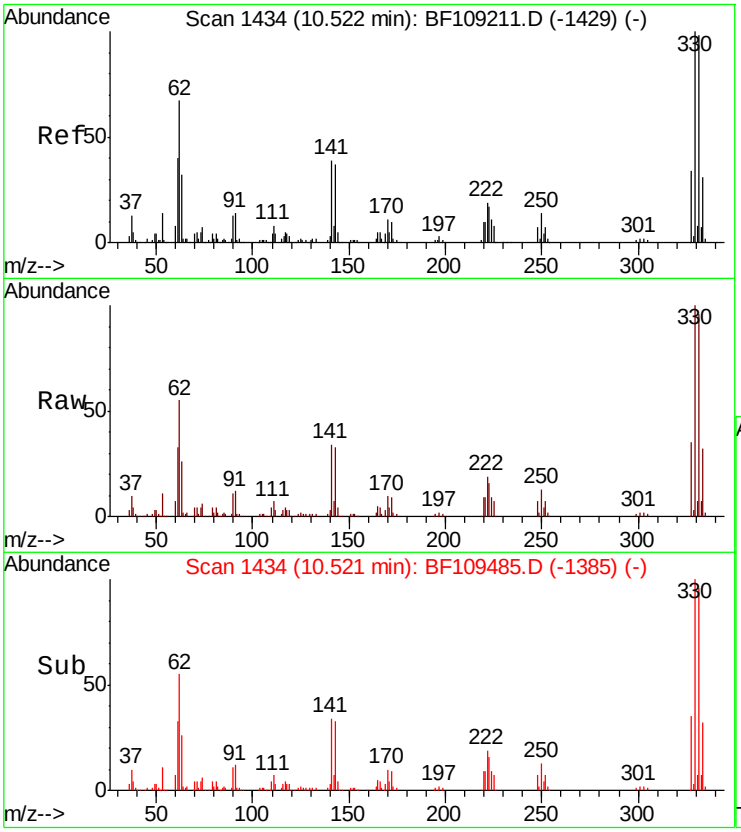


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:164 Resp: 161694

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.1	38.3	57.5



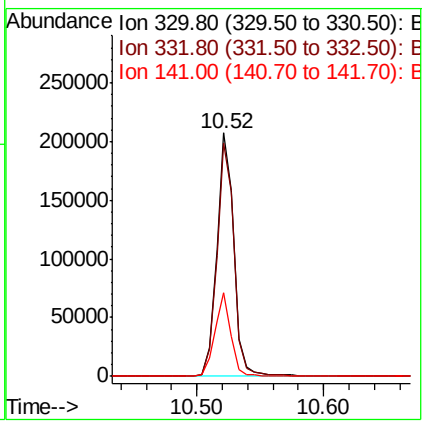


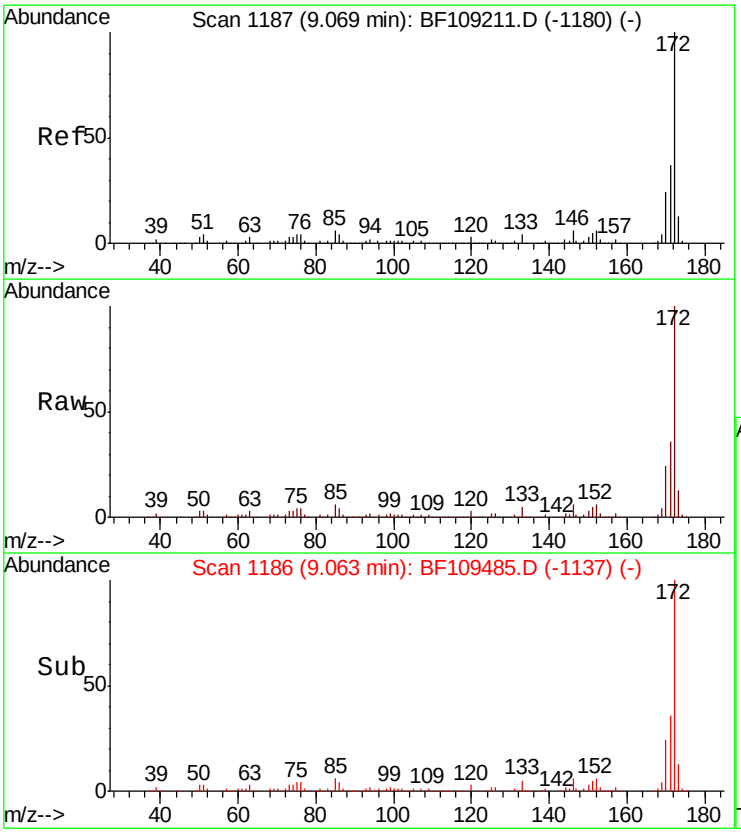
#41
2,4,6-Tribromophenol
Concen: 123.016 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion:330 Resp: 196084

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.9	29.9	44.9

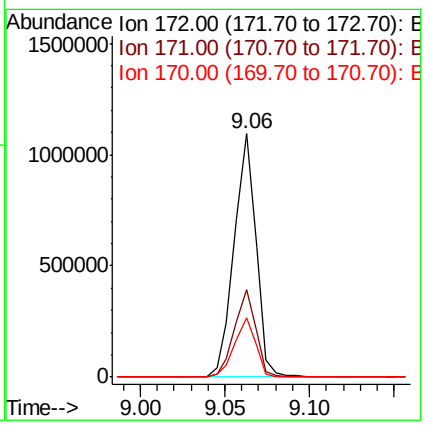


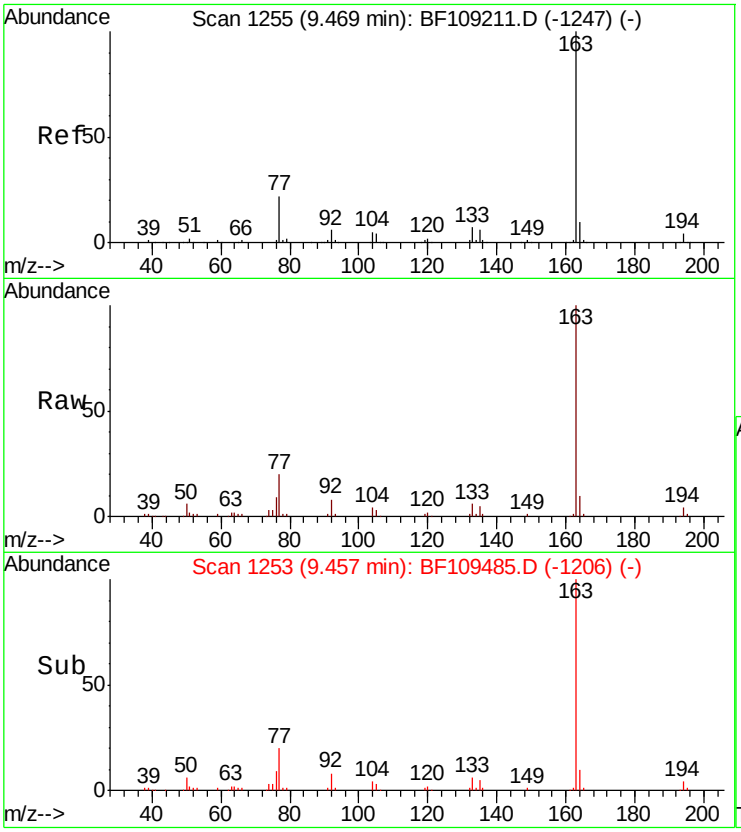


#44
2-Fluorobiphenyl
Concen: 92.002 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:172 Resp: 986354

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



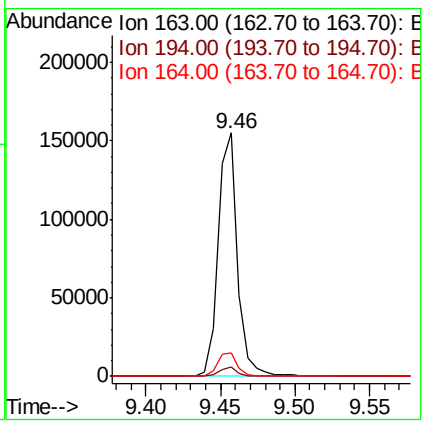


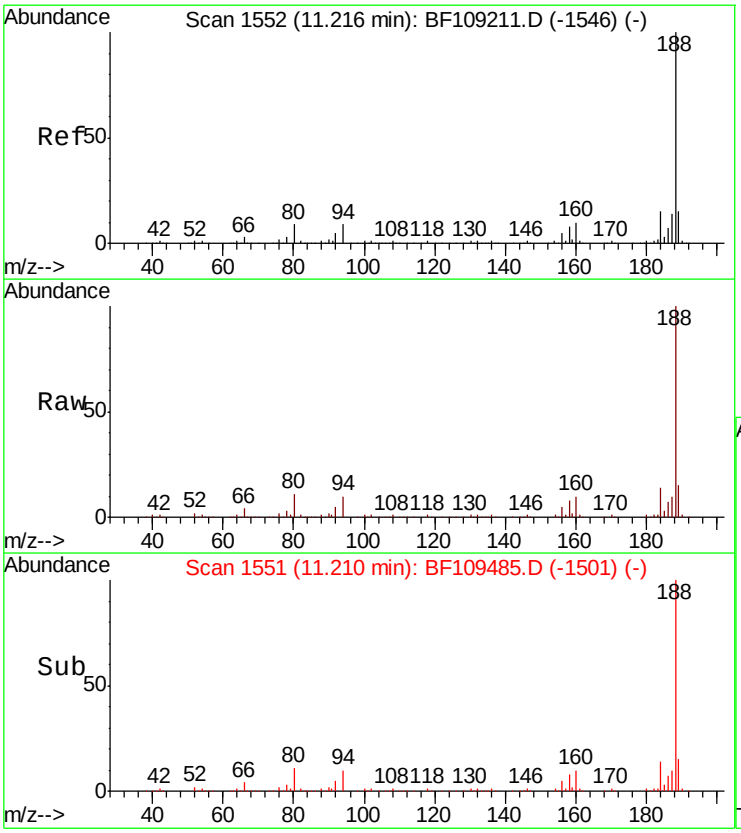
#49
Dimethylphthalate
Concen: 11.991 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion:163 Resp: 141018

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

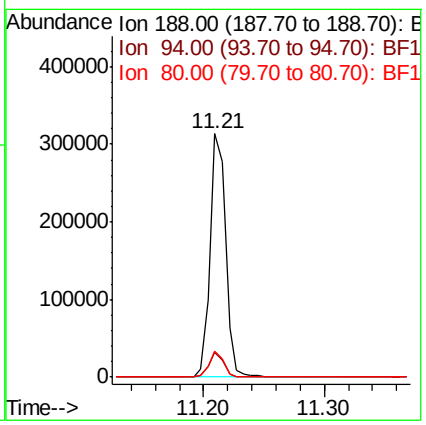


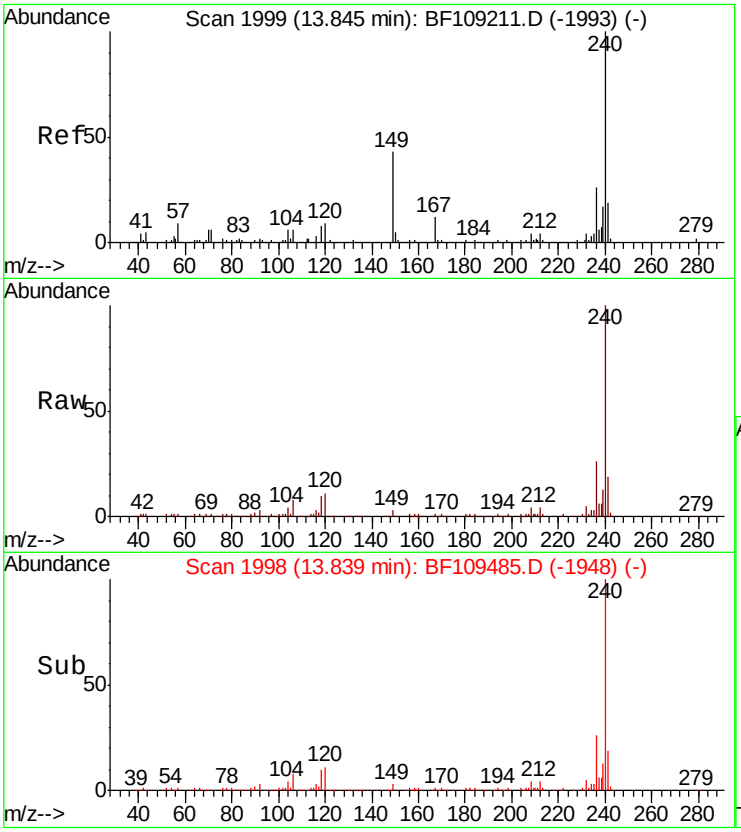


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:188 Resp: 277042

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8



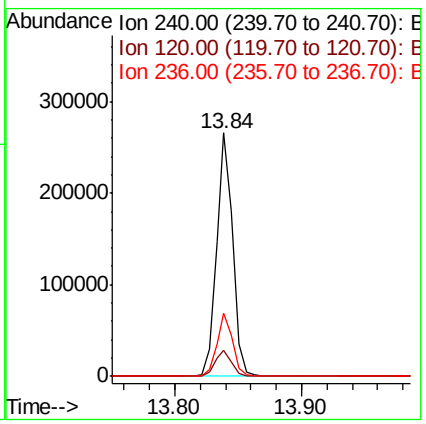


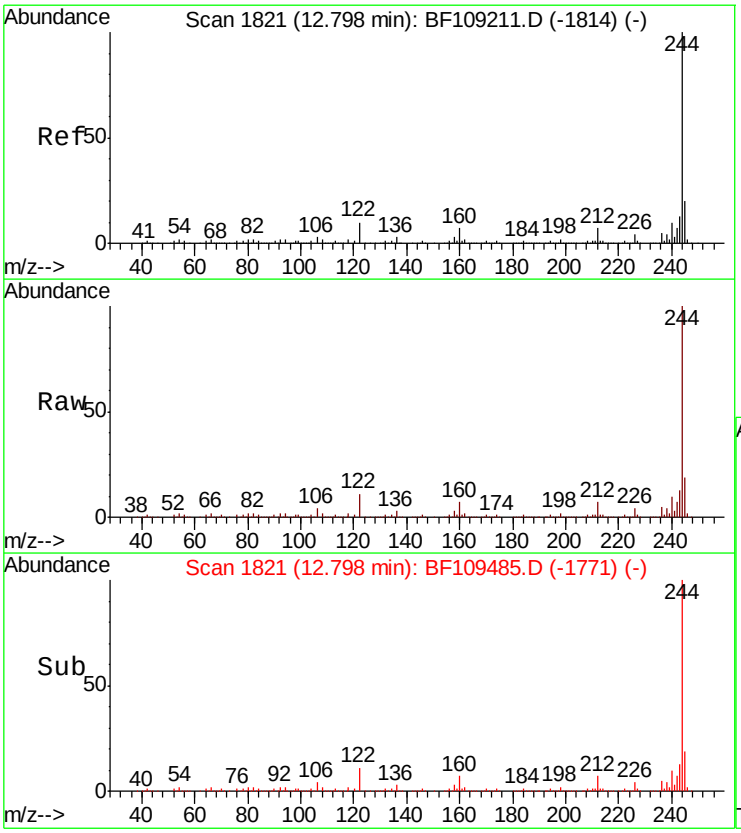
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion:240 Resp: 236595

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.8	20.7	31.1

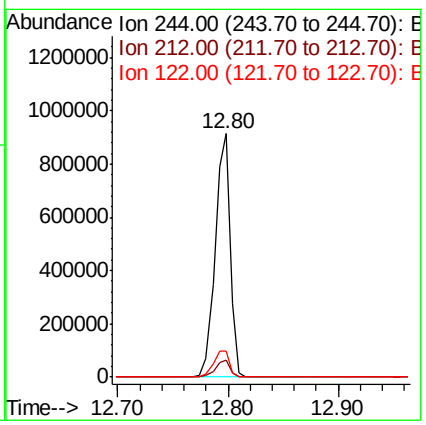


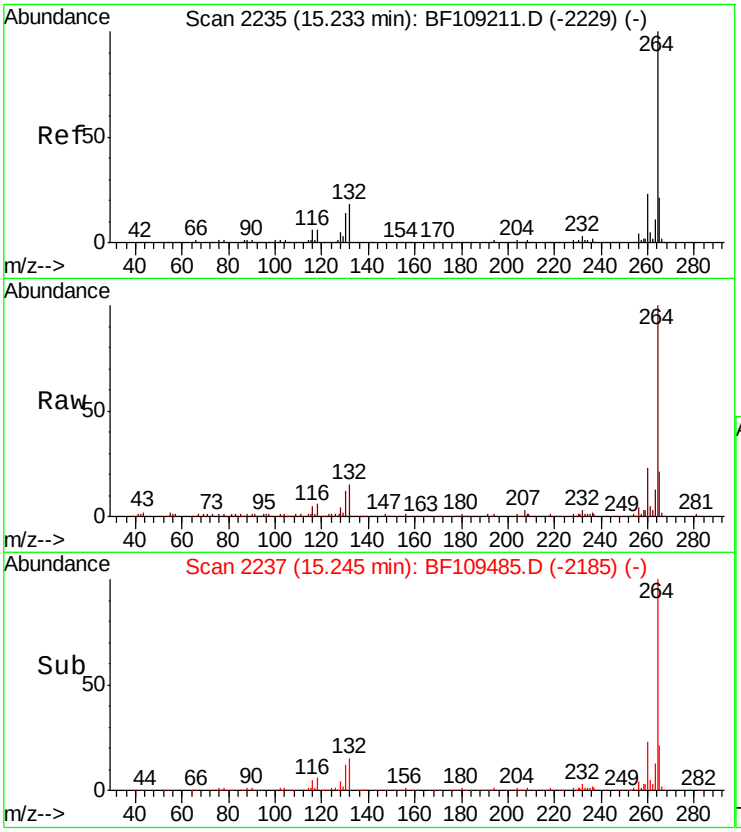


#78
Terphenyl-d14
Concen: 88.930 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Tgt Ion:244 Resp: 857339

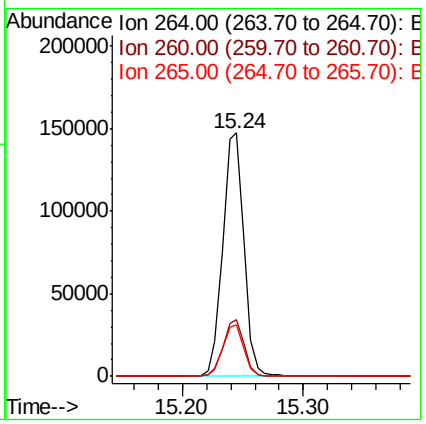
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109485.D
Acq: 1 Oct 2018 20:50

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-5

Tgt Ion:264 Resp: 178405

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3