Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109583.D
Acq On : 4 Oct 2018 13:45
Operator : JU/SJ
Sample : J5199-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100318

Quant Time: Oct 04 15:27:11 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	103098	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	421376	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	204921	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	376494	20.00	ng	0.00
75) Chrysene-d12	13.84	240	227884	20.00	ng	0.00
86) Perylene-d12	15.24	264	259536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	498695	79.67	ng	0.00
7) Phenol-d6	6.35	99	681090	85.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	440176	61.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	155259	76.86	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	833918	61.38	ng	-0.02
78) Terphenyl-d14	12.79	244	614154	66.14	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.36	94	27976	3.093	ng	78
49) Dimethylphthalate	9.45	163	69662	4.674	ng	99
77) Pyrene	12.64	202	37393	2.290	ng	98

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

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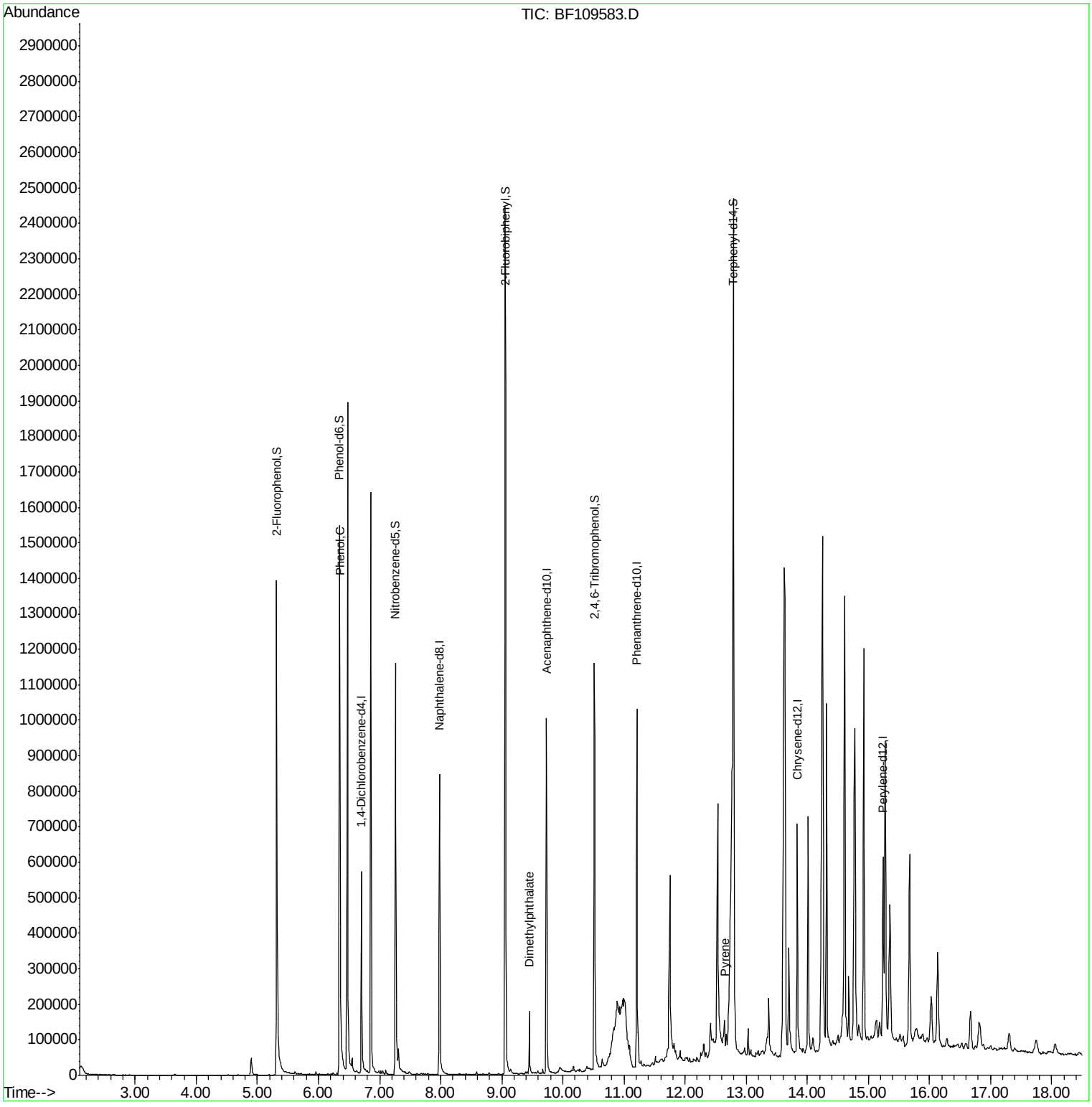
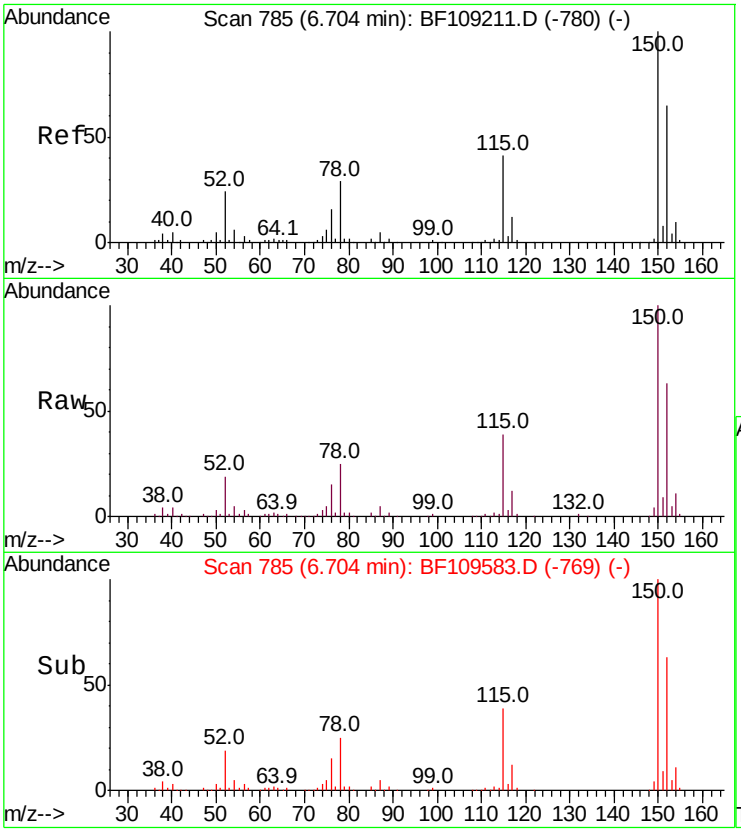
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



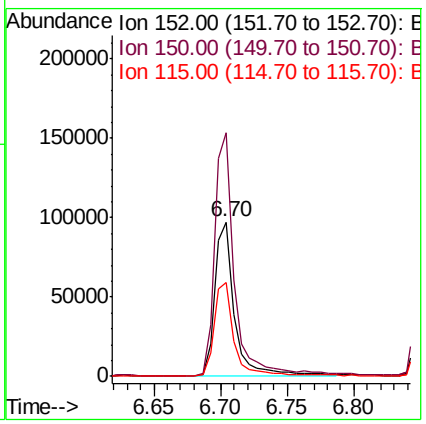


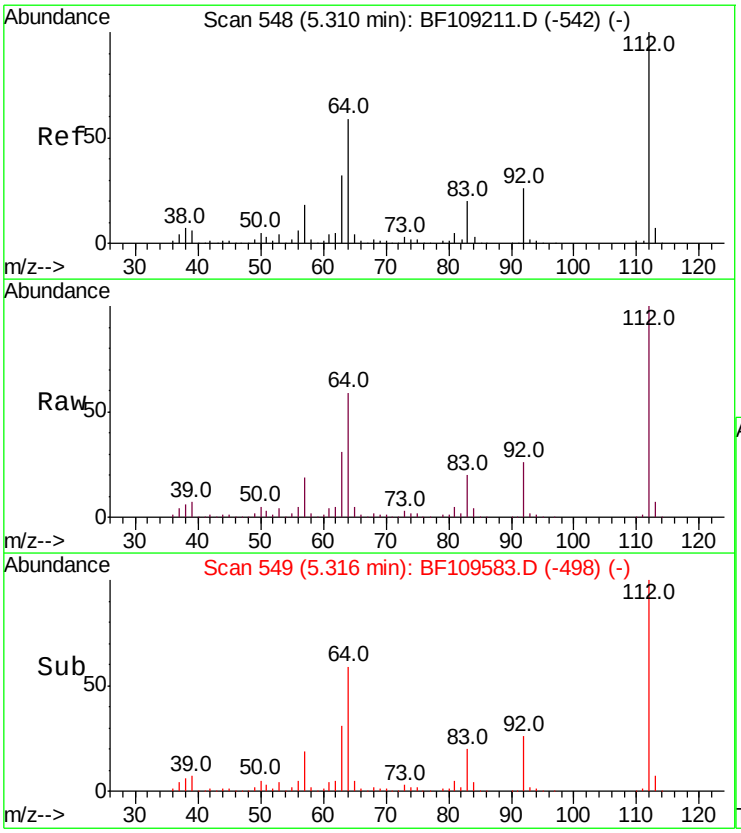
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:152 Resp: 103098

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	60.7	50.1	75.1

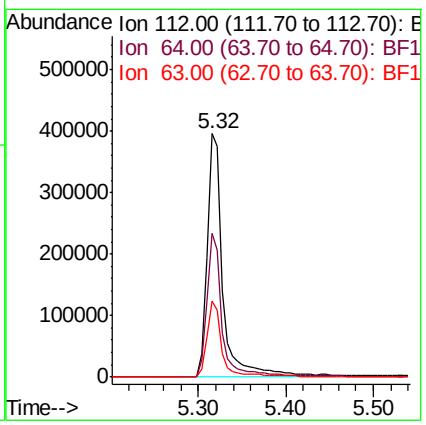


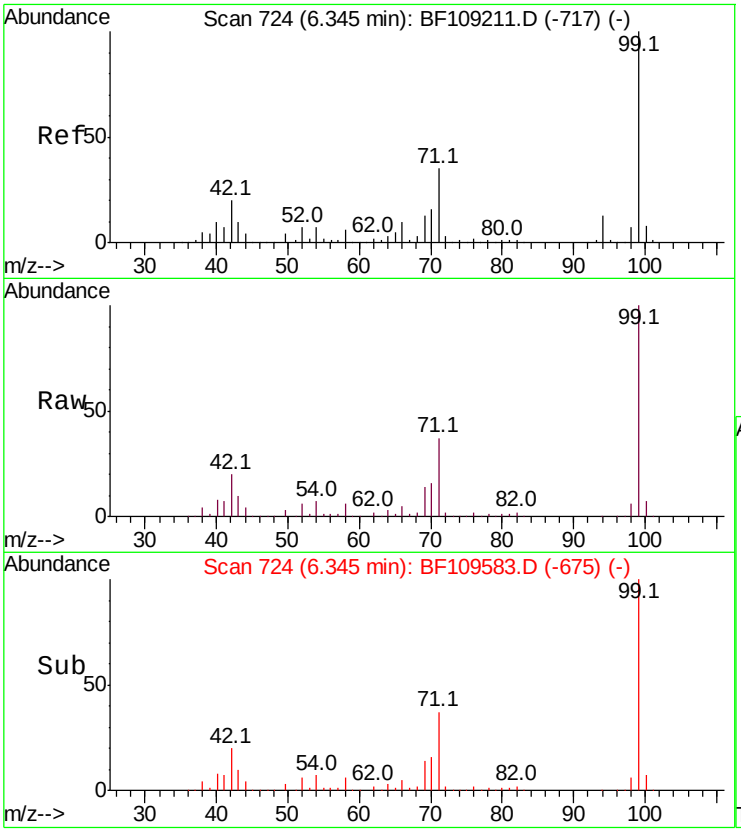


#5
2-Fluorophenol
Concen: 79.671 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:112 Resp: 498695

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.2	23.7	35.5



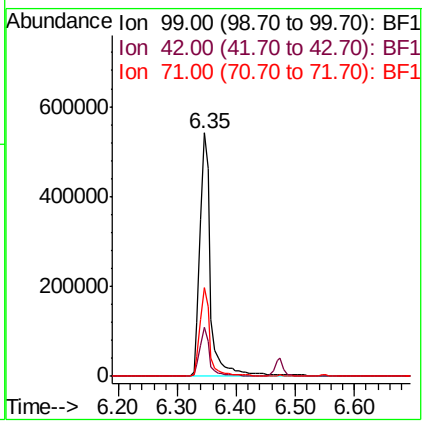


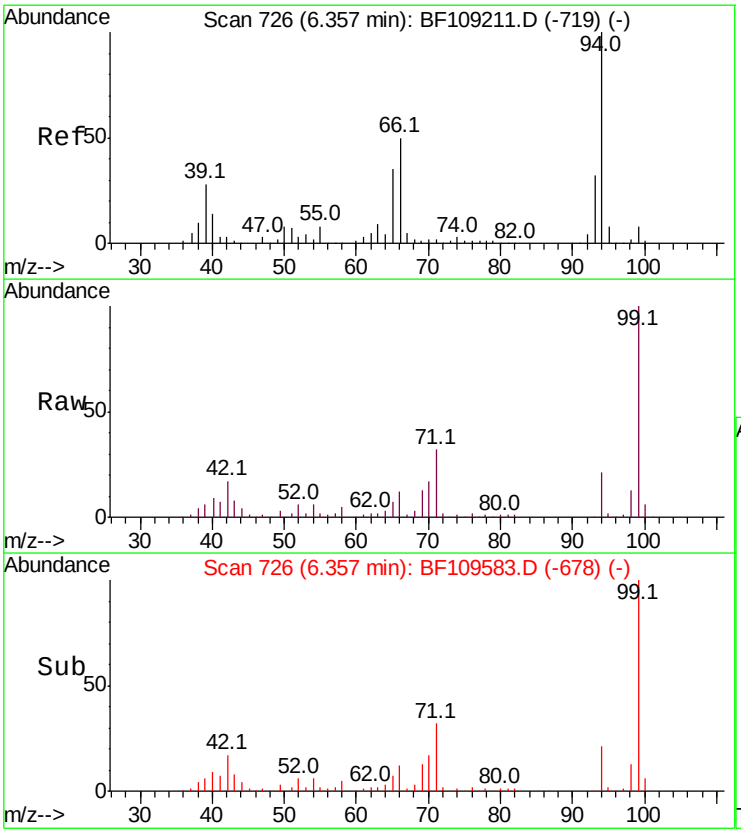
#7
Phenol-d6
Concen: 85.272 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion: 99 Resp: 681090

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	36.7	25.4	38.0

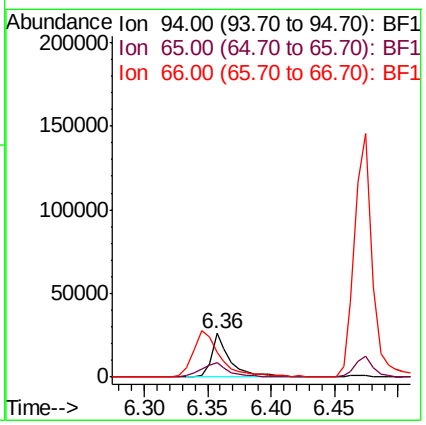


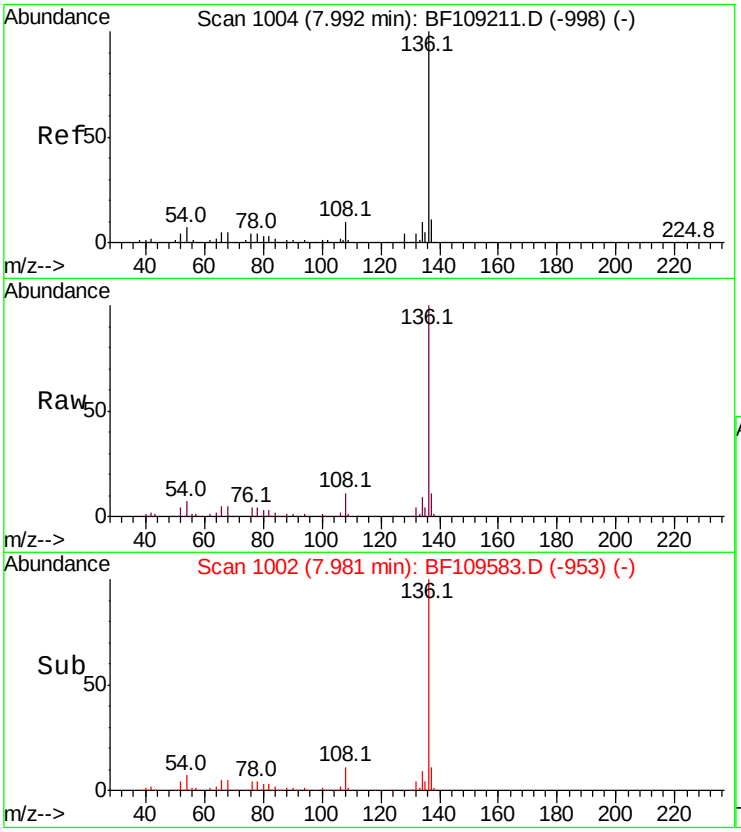


#10
Phenol
Concen: 3.093 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion: 94 Resp: 27976

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	55.4	16.2	56.2



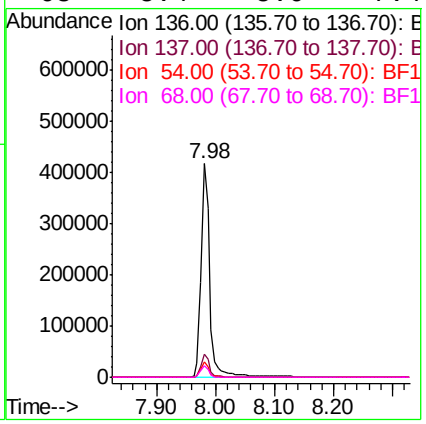


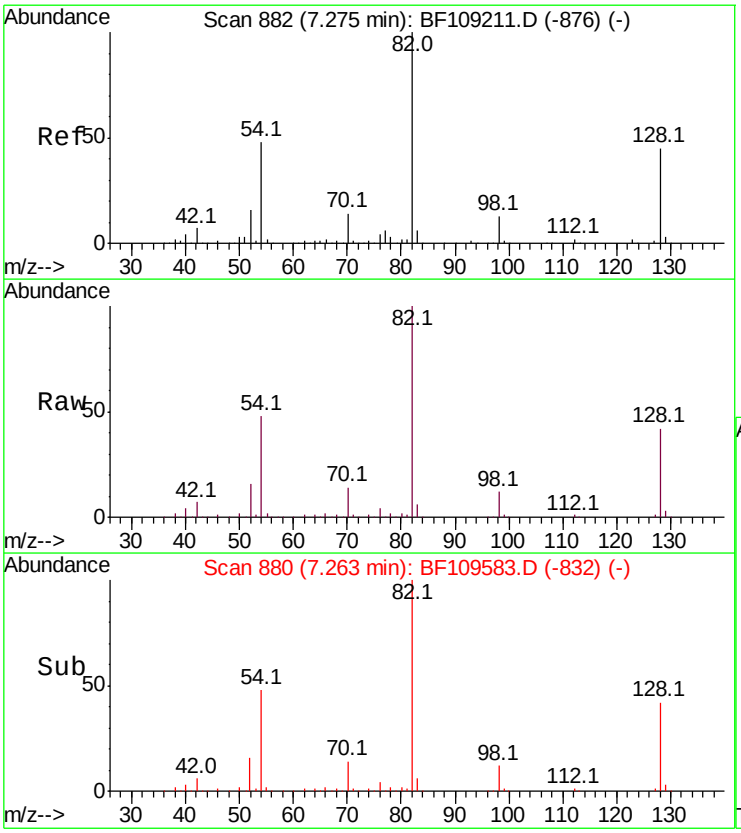
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:136 Resp: 421376

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.4	5.0	7.4

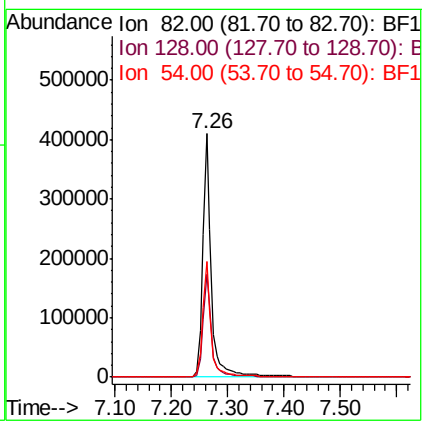


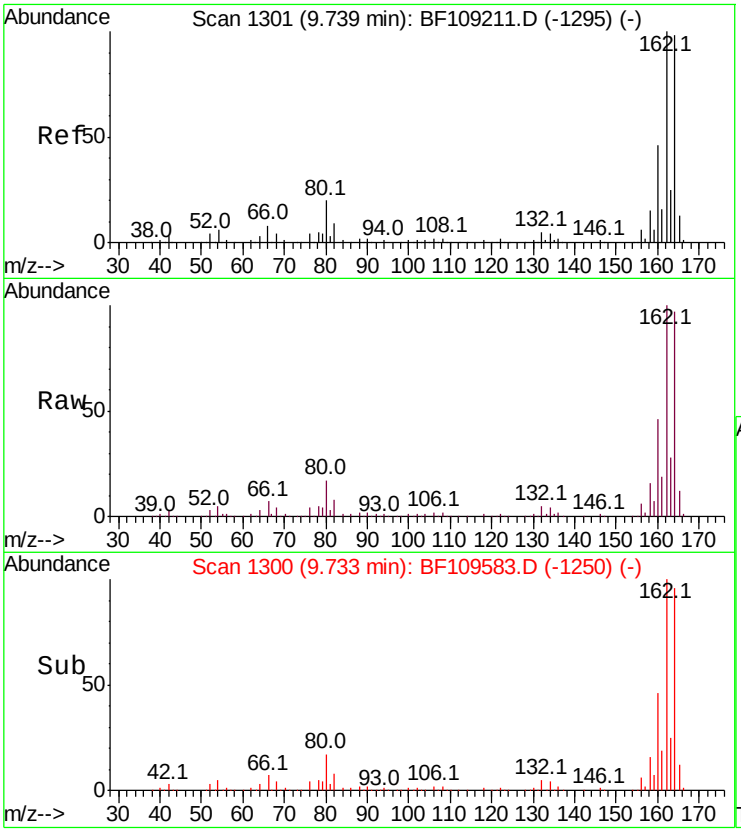


#23
Nitrobenzene-d5
Concen: 61.665 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion: 82 Resp: 440176

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	47.6	41.4	62.2



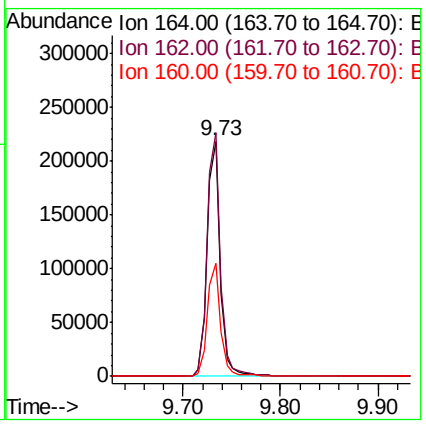


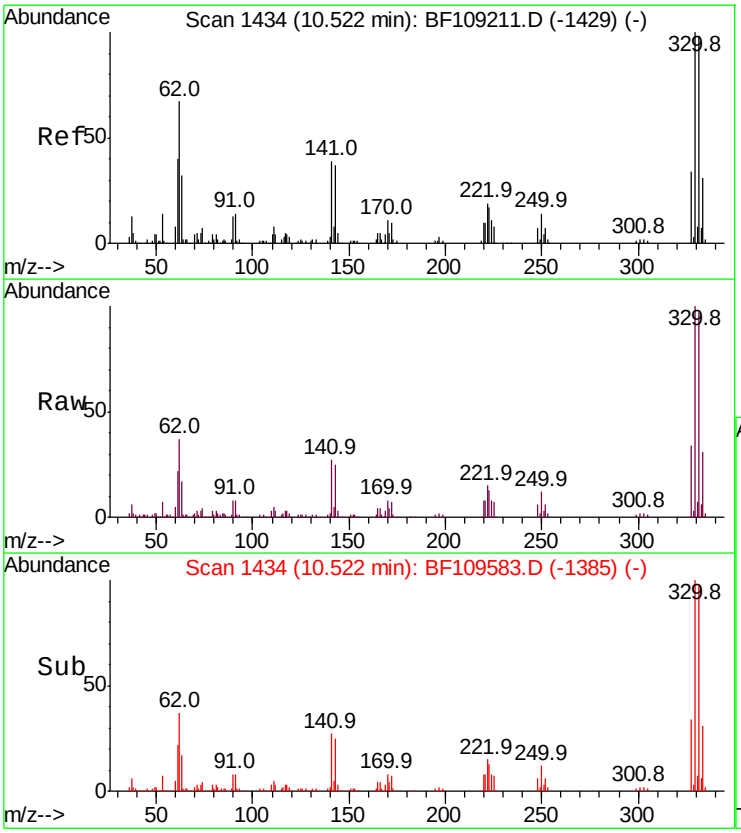
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:164 Resp: 204921

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.9	38.3	57.5

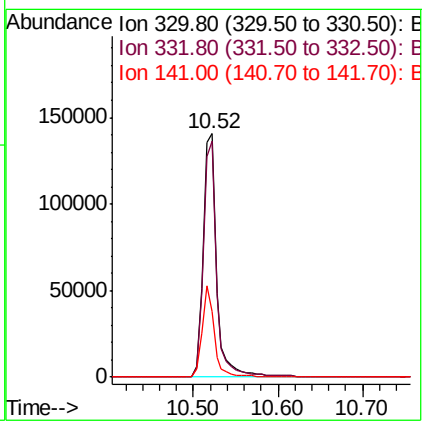


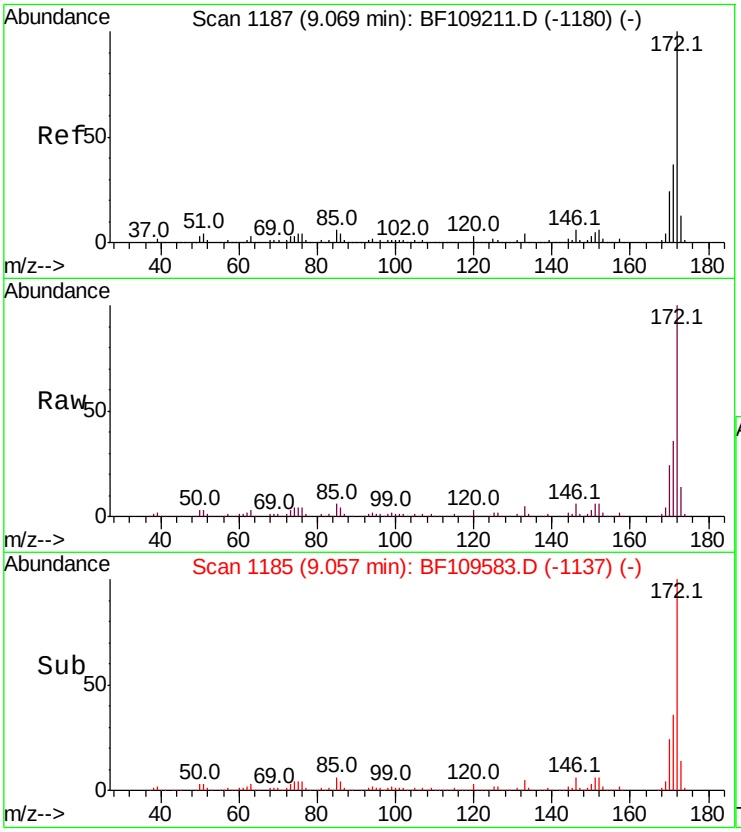


#41
2,4,6-Tribromophenol
Concen: 76.857 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:330 Resp: 155259

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.9	29.9	44.9



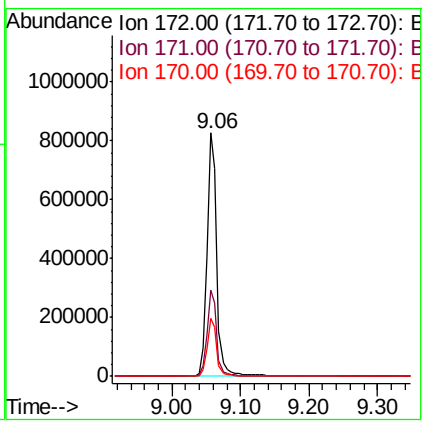


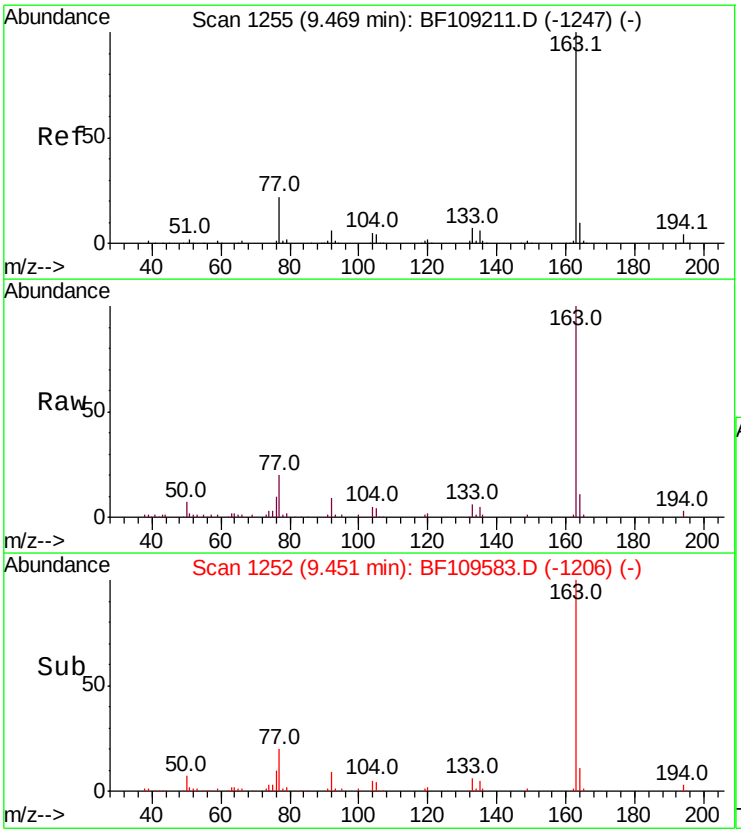
#44
2-Fluorobiphenyl
Concen: 61.375 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:172 Resp: 833918

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

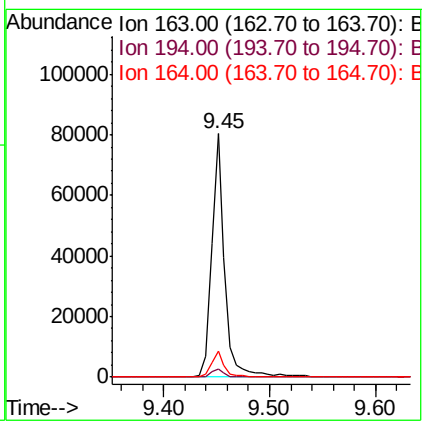


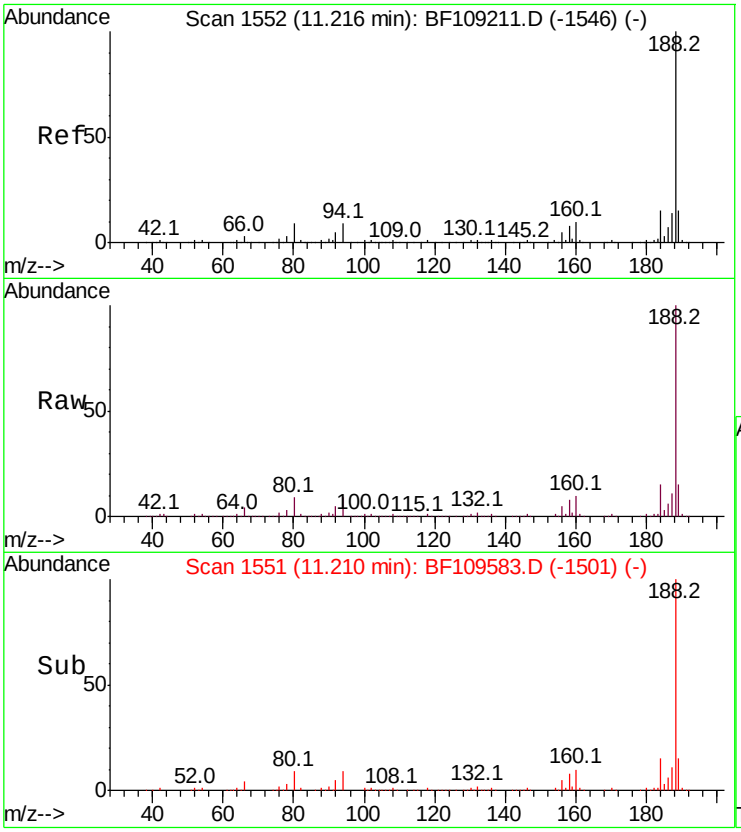


#49
Dimethylphthalate
Concen: 4.674 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:163 Resp: 69662

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.8	8.2	12.2



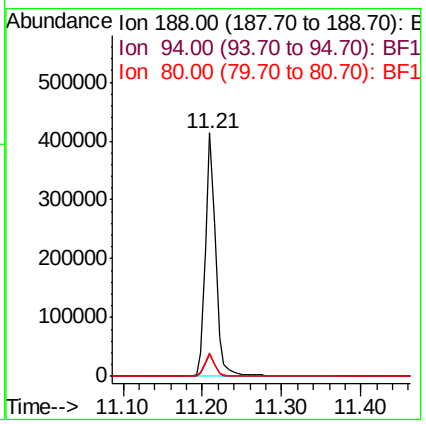


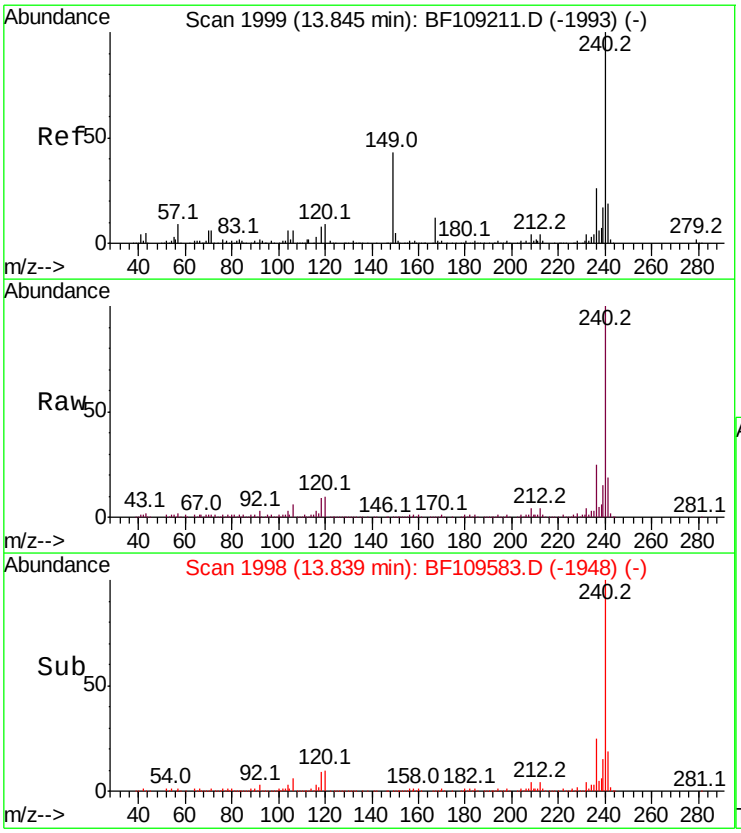
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:188 Resp: 376494

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

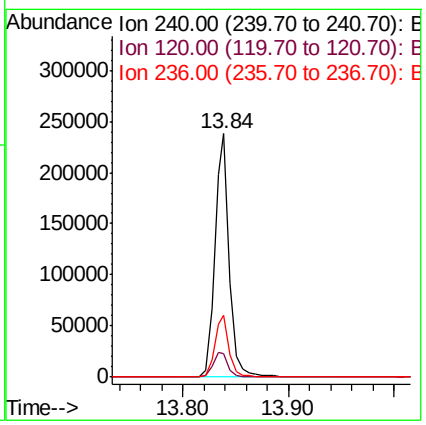


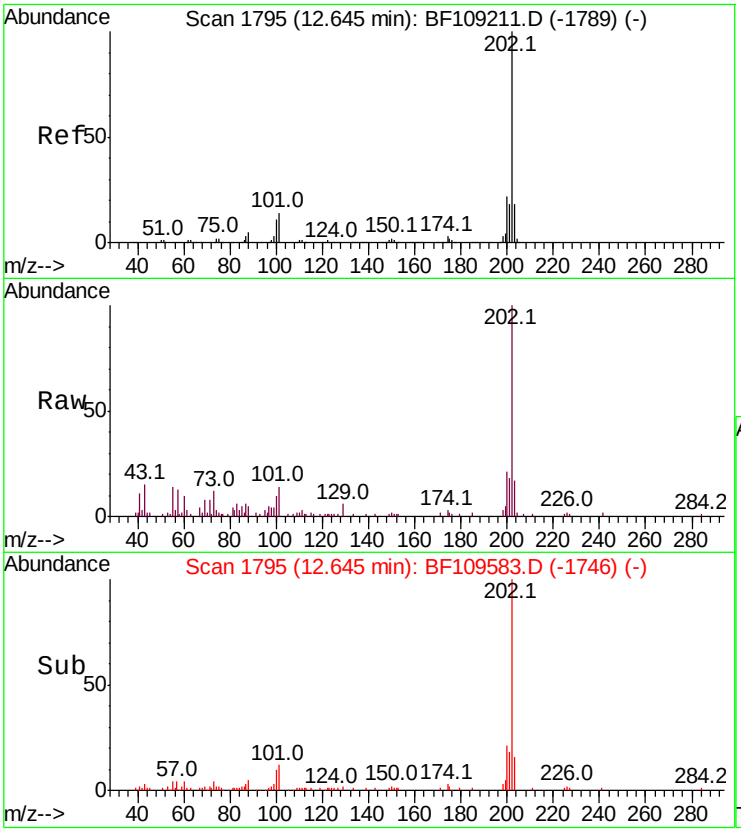


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:240 Resp: 227884

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.4	20.7	31.1



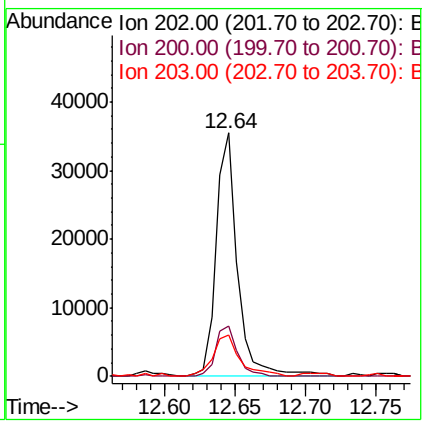


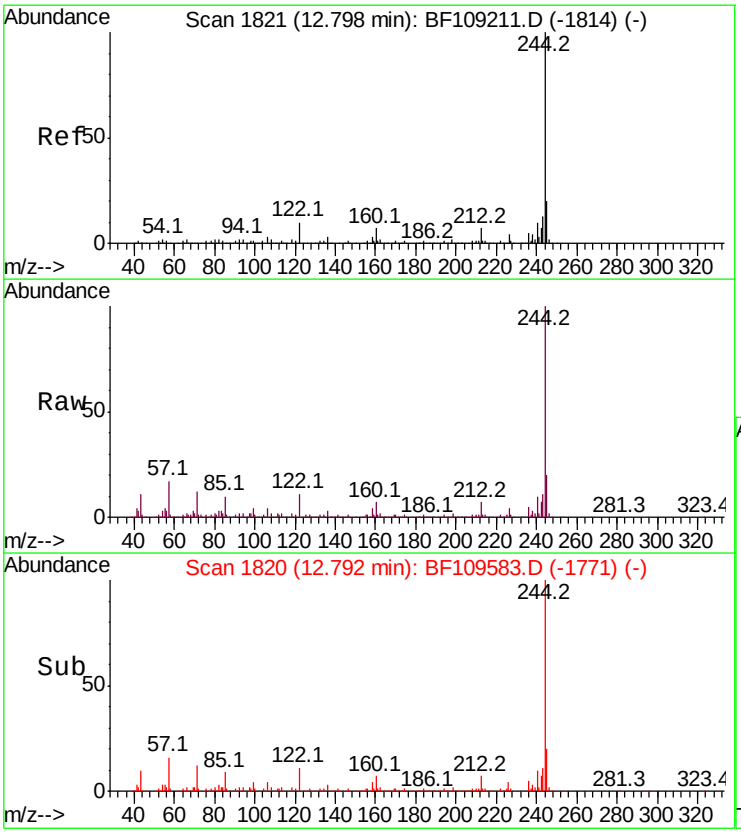
#77
Pyrene
Concen: 2.290 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:202 Resp: 37393

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.0	14.3	21.5

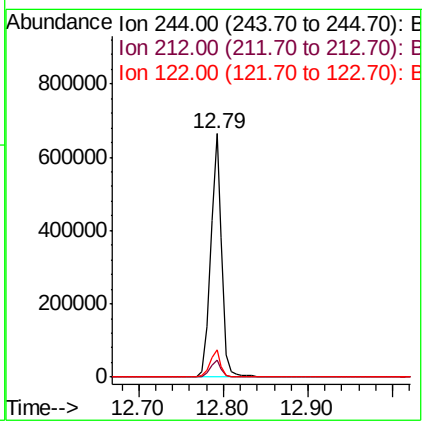


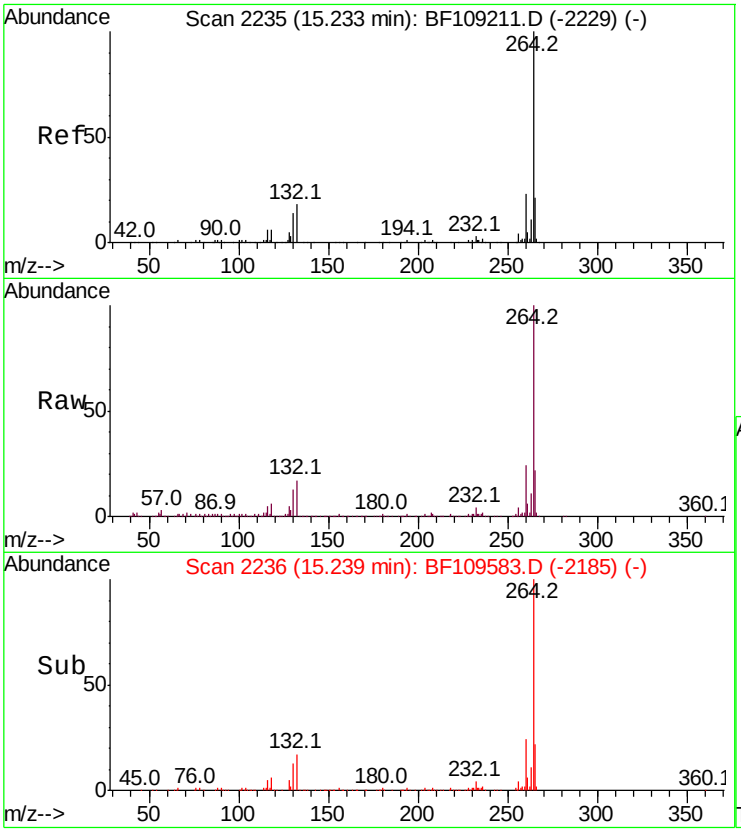


#78
Terphenyl-d14
Concen: 66.140 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:244 Resp: 614154

Ion	Ratio	Lower	Upper
244	100		
212	7.1	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: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tgt Ion:264 Resp: 259536

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3