Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Time: Mar 27 08:20:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173092	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	617155	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284603	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	538313	20.00	ng	0.00
76) Chrysene-d12	13.83	240	312800	20.00	ng	-0.01
87) Perylene-d12	15.23	264	377058	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	366678	34.64	ng	0.00
7) Phenol-d6	6.35	99	297781	22.24	ng	-0.01
23) Nitrobenzene-d5	7.27	82	951114	91.47	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	249357	70.93	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1575065	87.20	ng	0.00
79) Terphenyl-d14	12.79	244	1222011	86.11	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.52	82	104001	5.161	ng	# 96
30) 1,2,4-Trichlorobenzene	7.93	180	32814	3.402	ng	96
50) Dimethylphthalate	9.45	163	42699	2.024	ng	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Quant Time: Mar 27 08:20:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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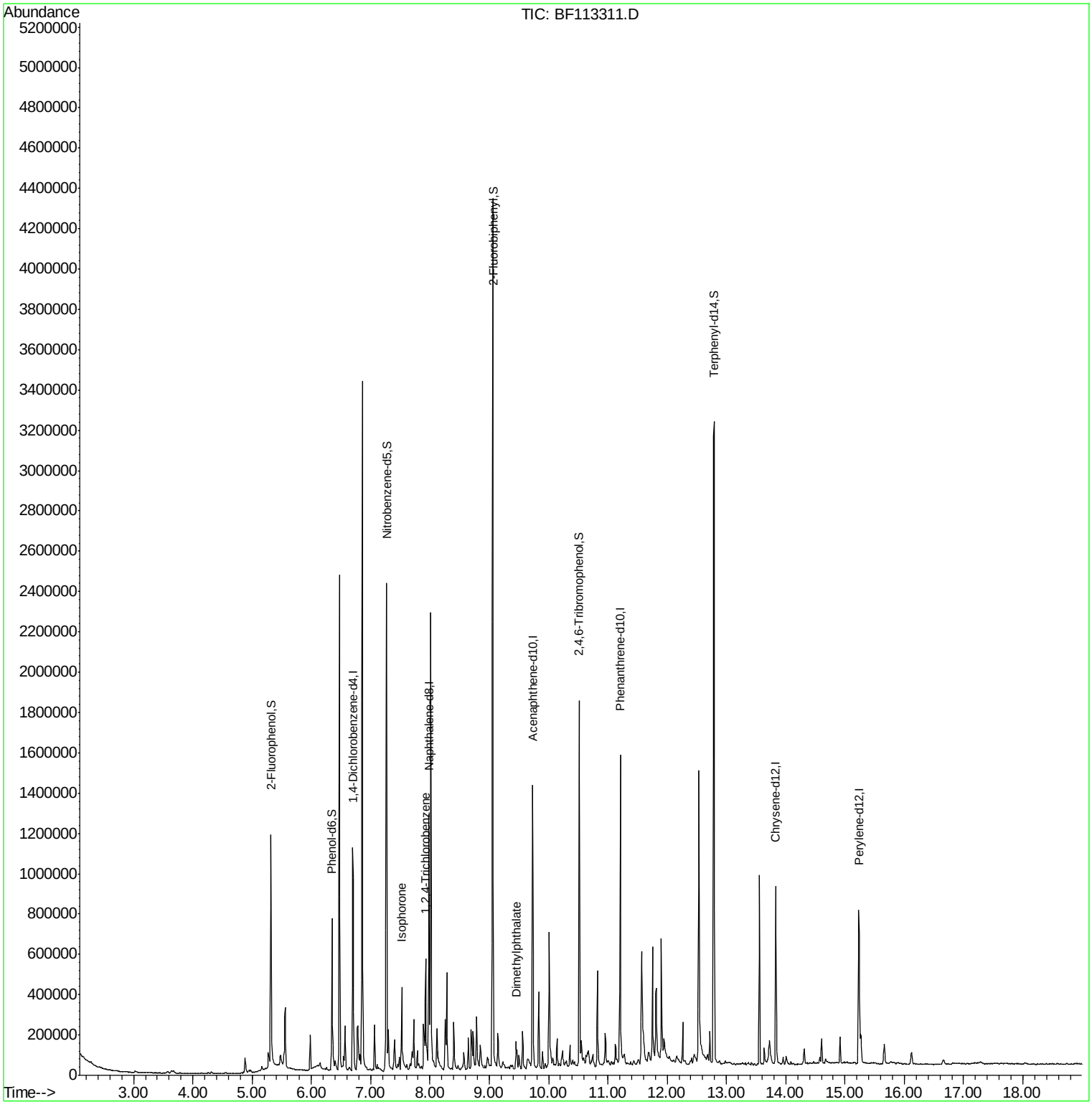
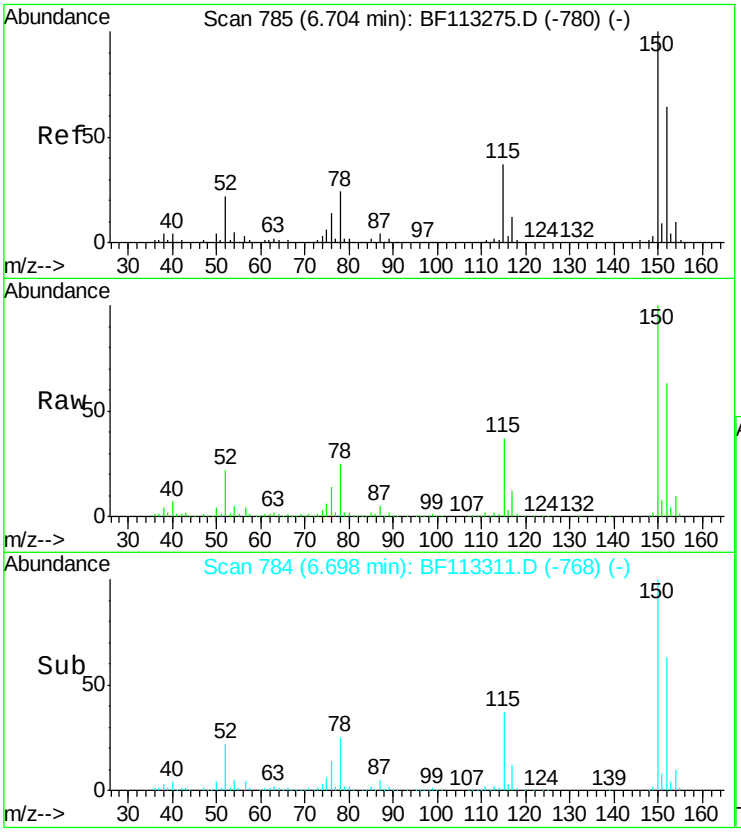


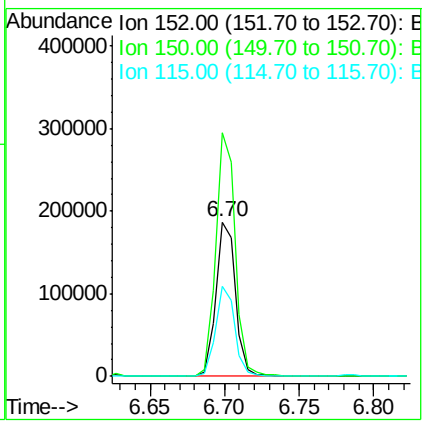


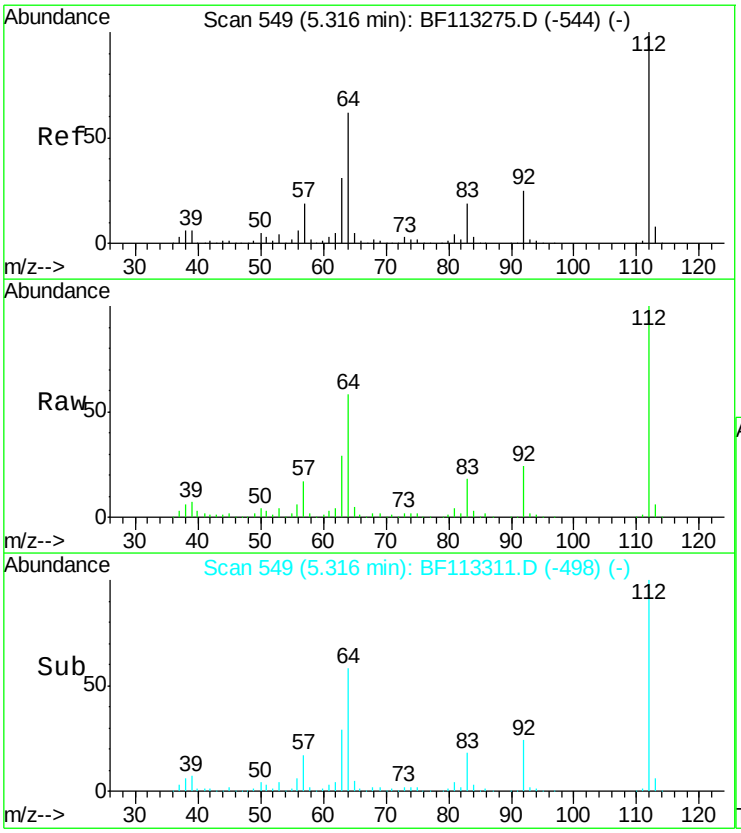
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:152 Resp: 173092

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	58.5	46.0	69.0

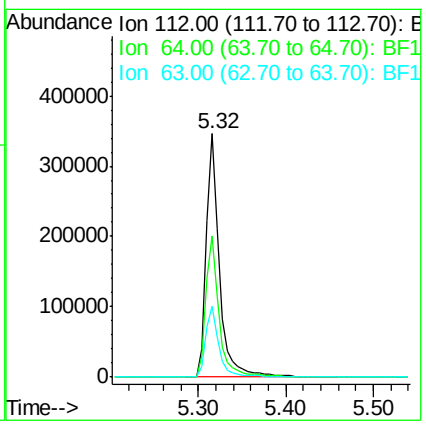


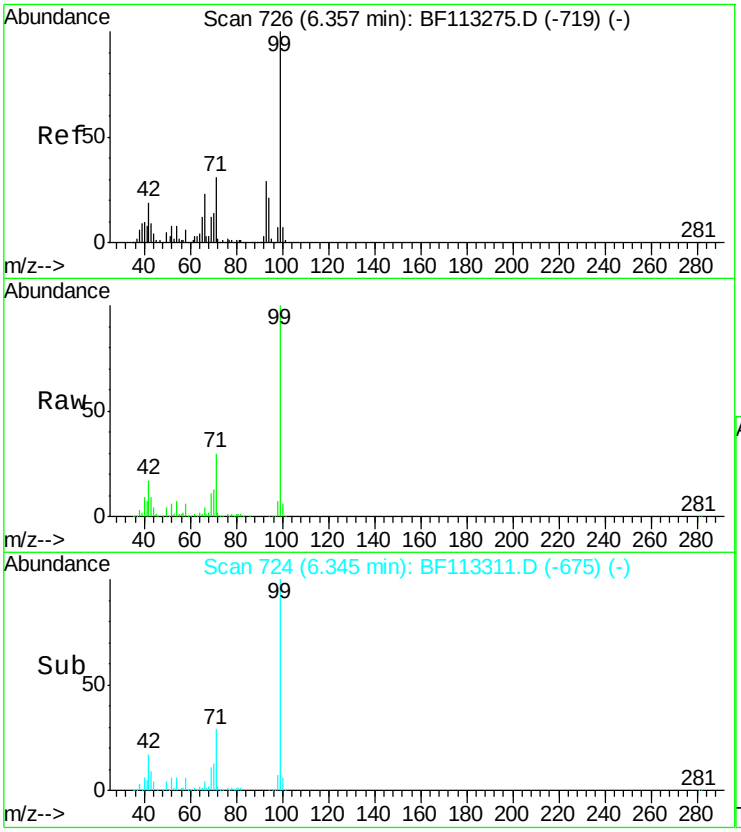


#5
2-Fluorophenol
Concen: 34.638 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:112 Resp: 366678

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.2	73.8
63	28.9	24.9	37.3



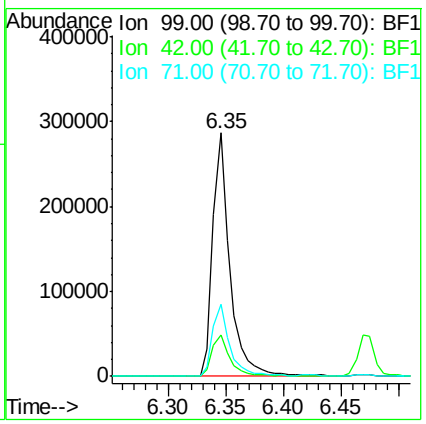


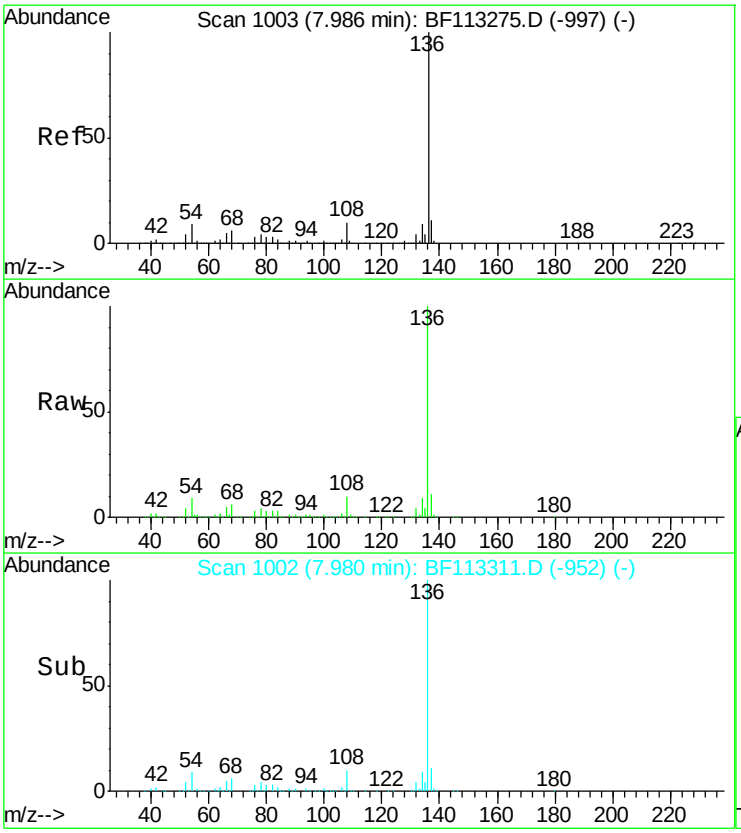
#7
Phenol-d6
Concen: 22.236 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion: 99 Resp: 297781

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	29.6	24.9	37.3

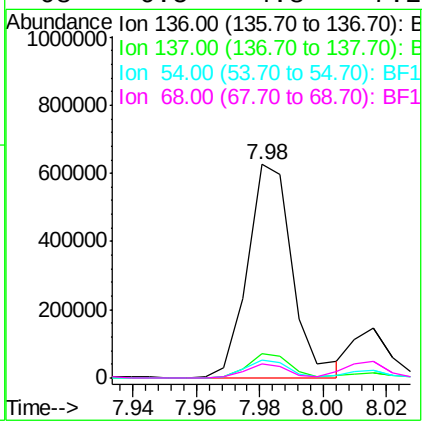


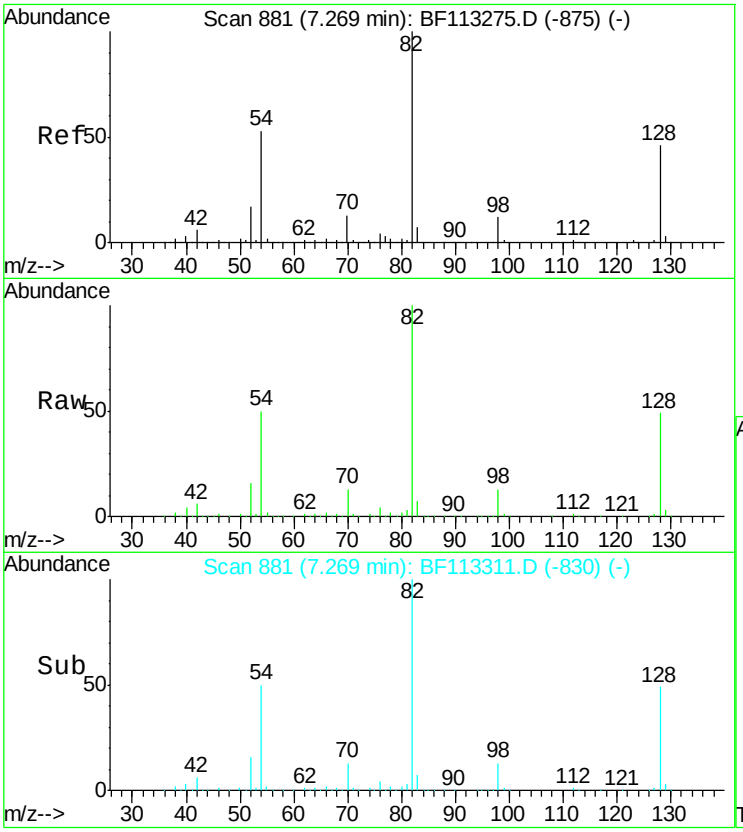


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:136 Resp: 617155

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2



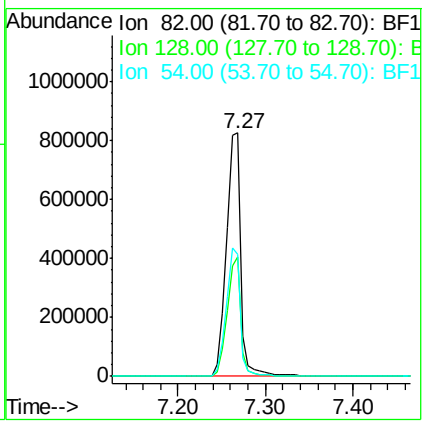


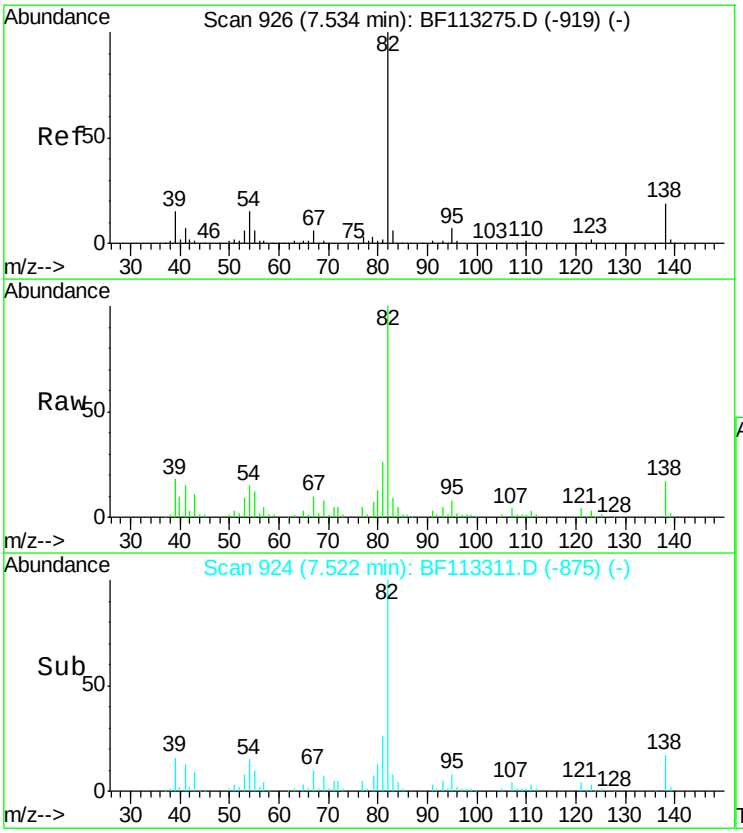
#23
Nitrobenzene-d5
Concen: 91.472 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion: 82 Resp: 951114

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.5	54.7
54	50.3	42.2	63.2

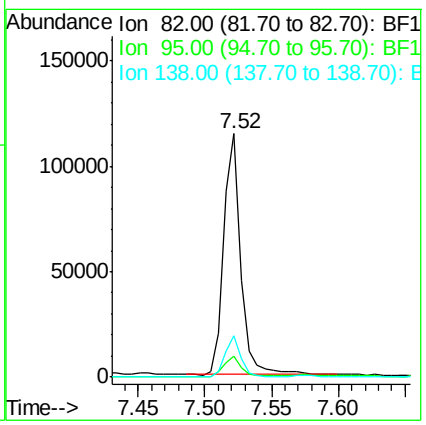


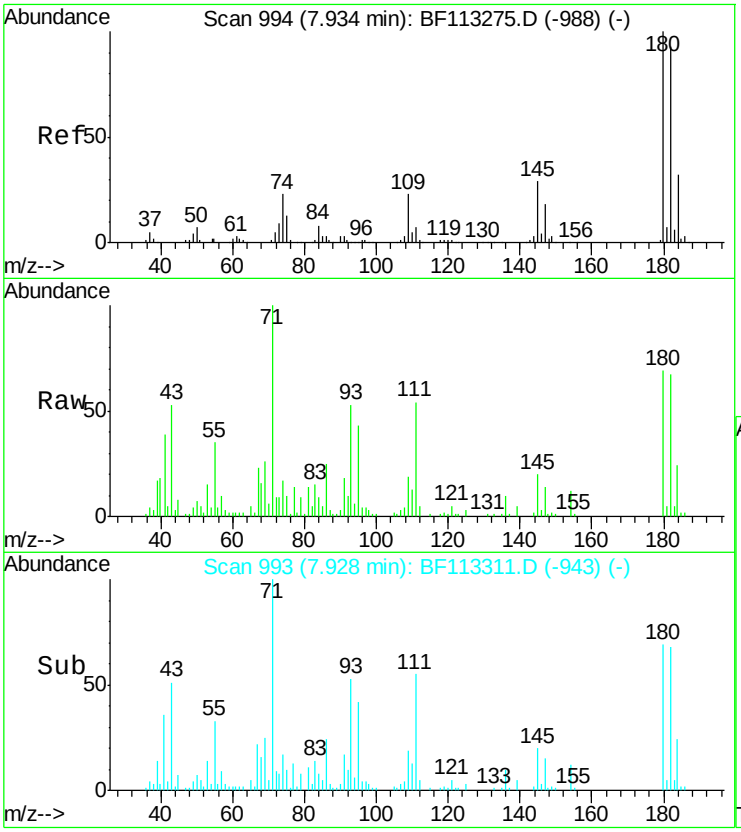


#25
Isophorone
Concen: 5.161 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion: 82 Resp: 104001

Ion	Ratio	Lower	Upper
82	100		
95	8.4	5.5	8.3#
138	17.1	15.2	22.8



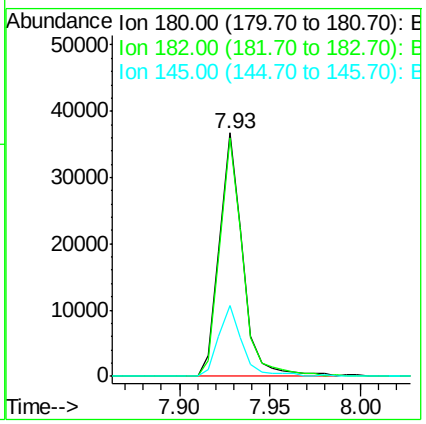


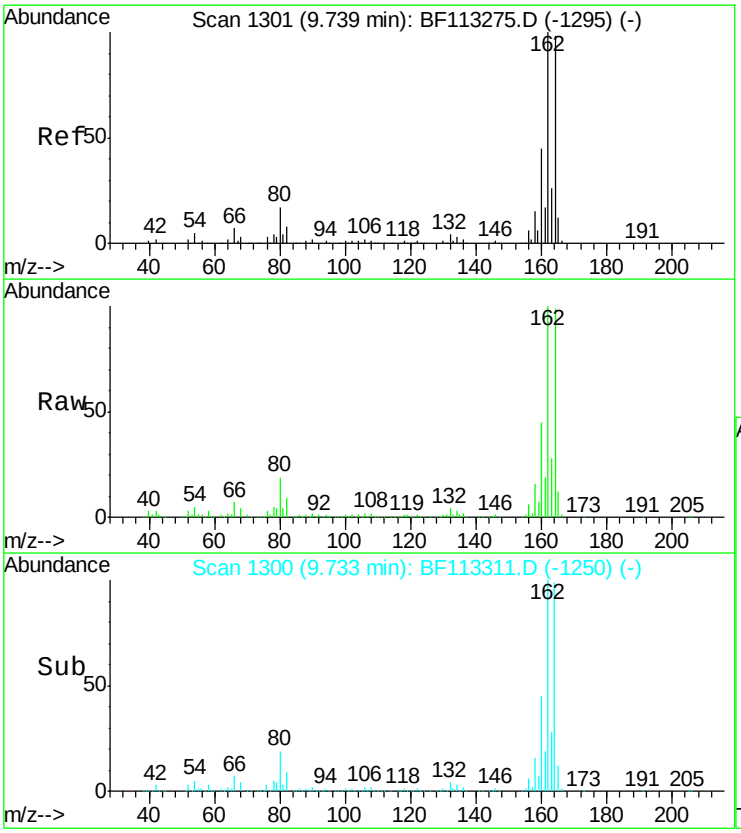
#30
1,2,4-Trichlorobenzene
Concen: 3.402 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:180 Resp: 32814

Ion	Ratio	Lower	Upper
180	100		
182	97.9	74.6	111.8
145	29.3	23.4	35.0

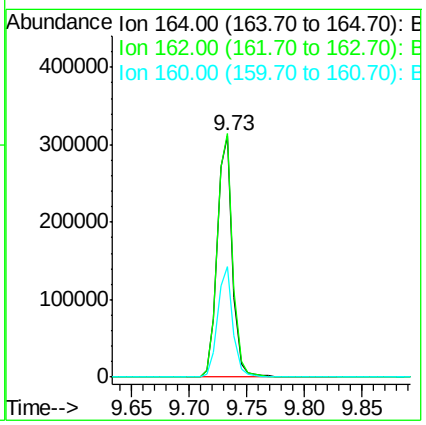


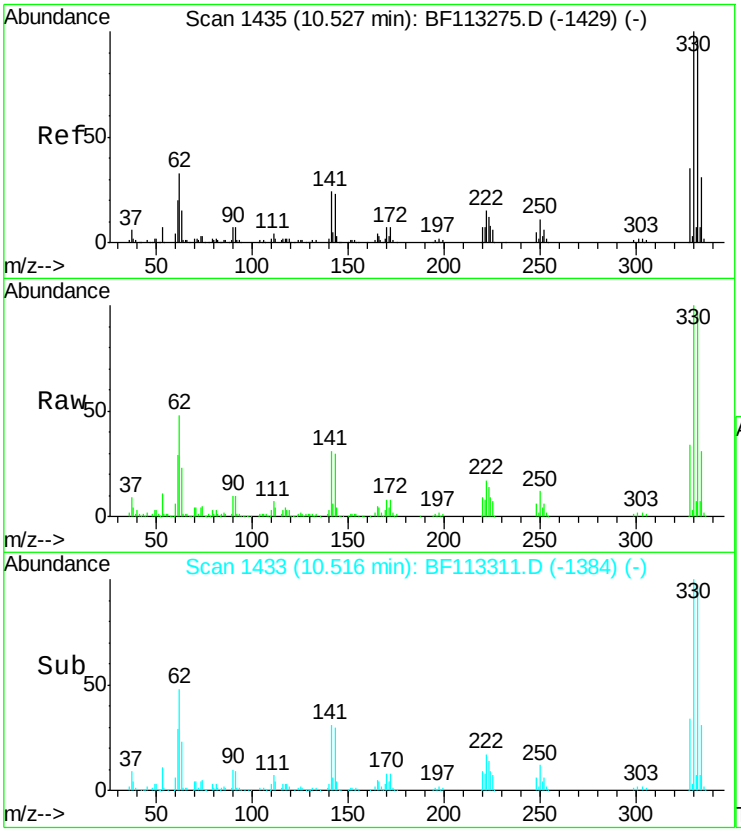


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:164 Resp: 284603

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.7	36.4	54.6



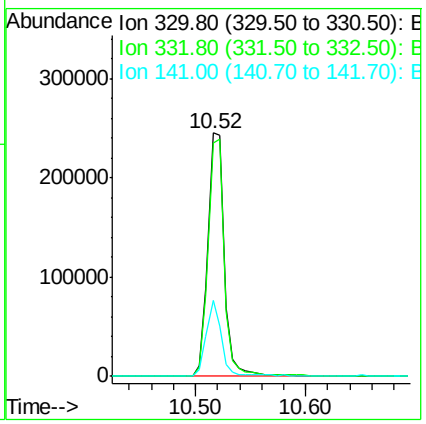


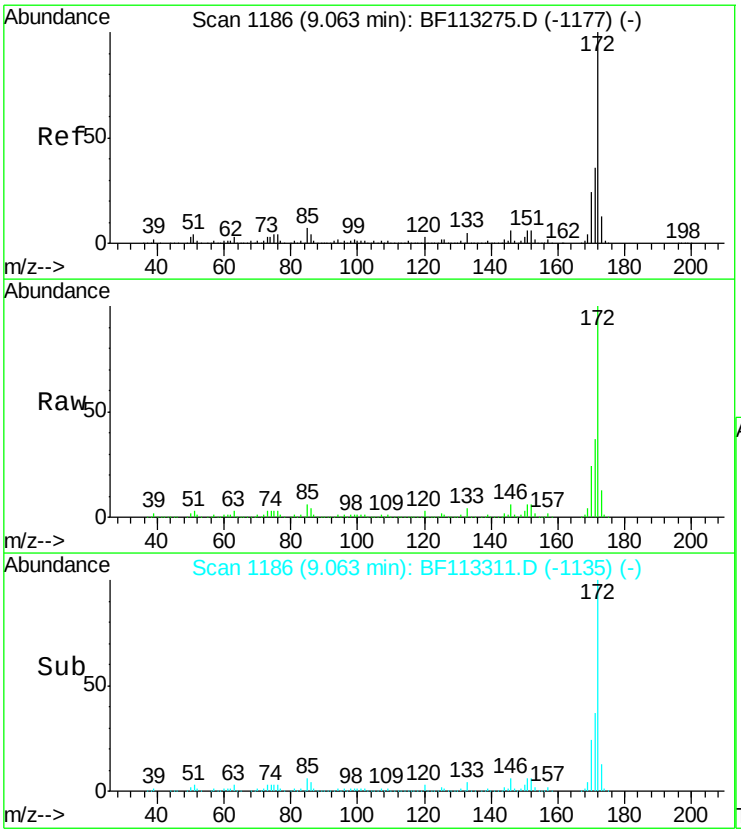
#42
2,4,6-Tribromophenol
Concen: 70.931 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:330 Resp: 249357

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	28.2	22.7	34.1

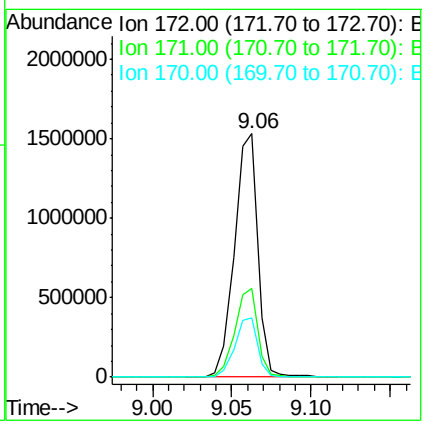


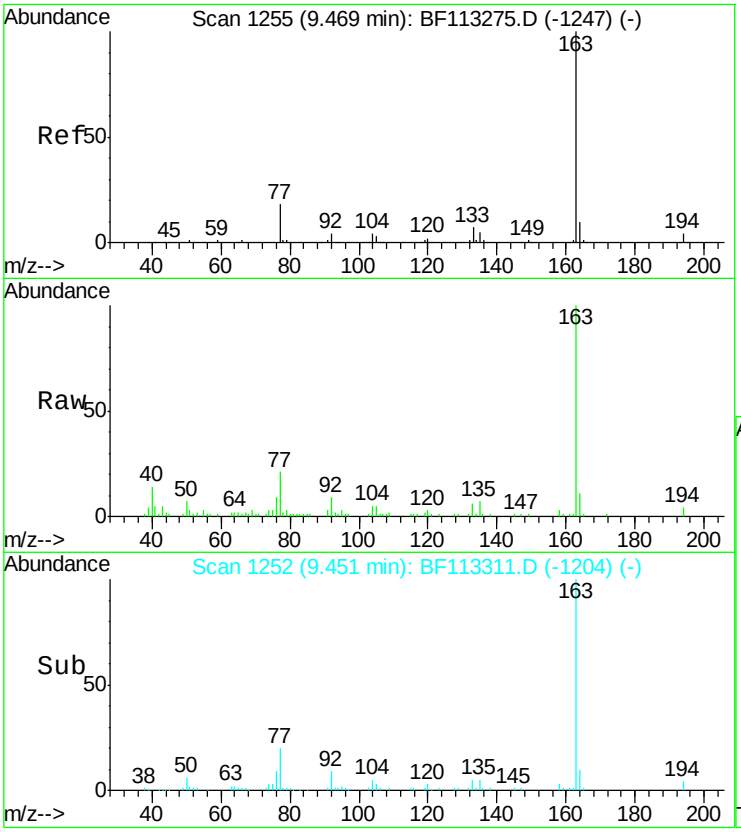


#45
2-Fluorobiphenyl
Concen: 87.198 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:172 Resp: 1575065

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.3	19.5	29.3



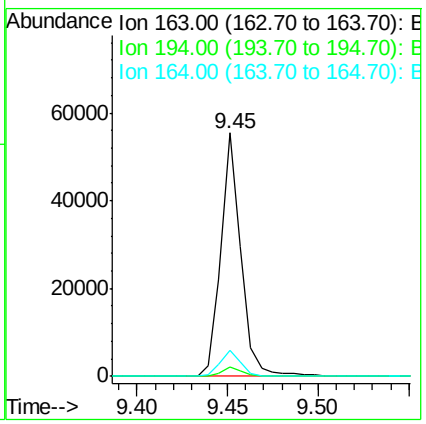


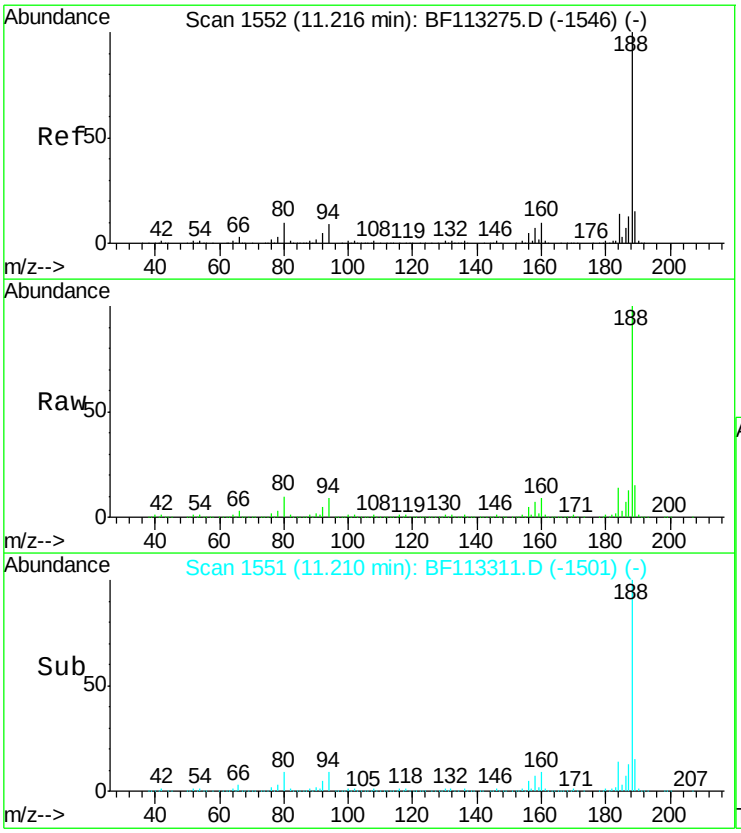
#50
Dimethylphthalate
Concen: 2.024 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:163 Resp: 42699

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.1	12.1

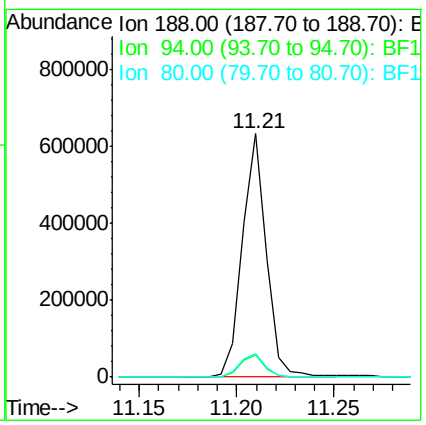


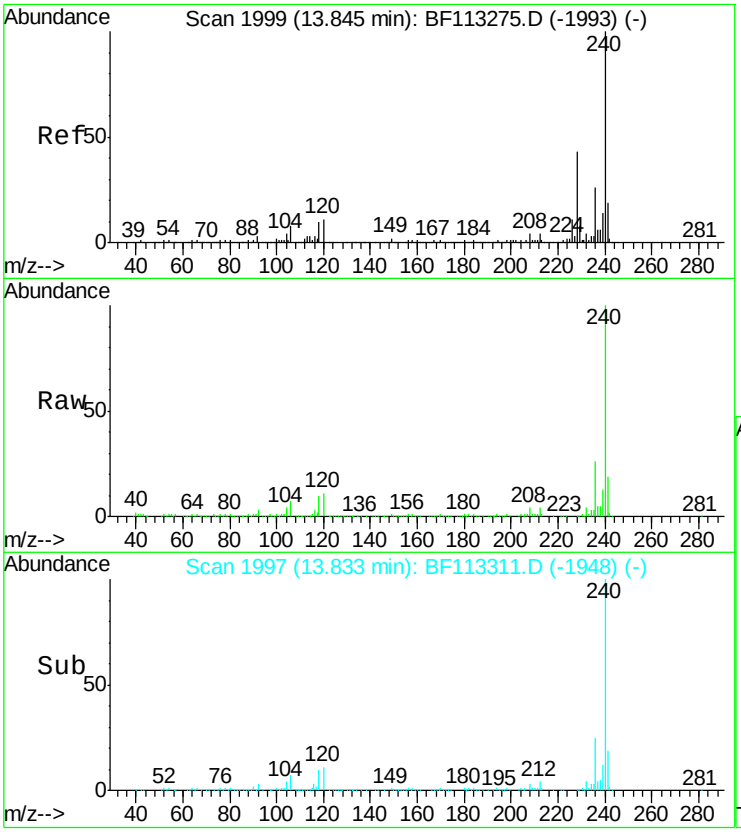


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:188 Resp: 538313

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.5	7.7	11.5



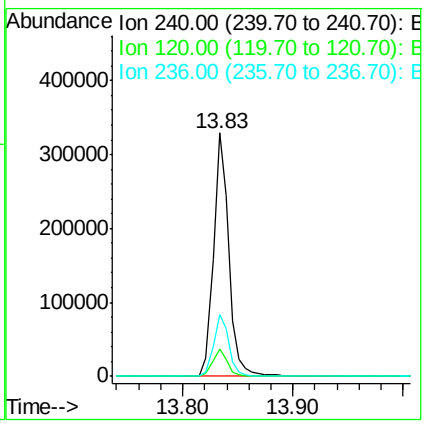


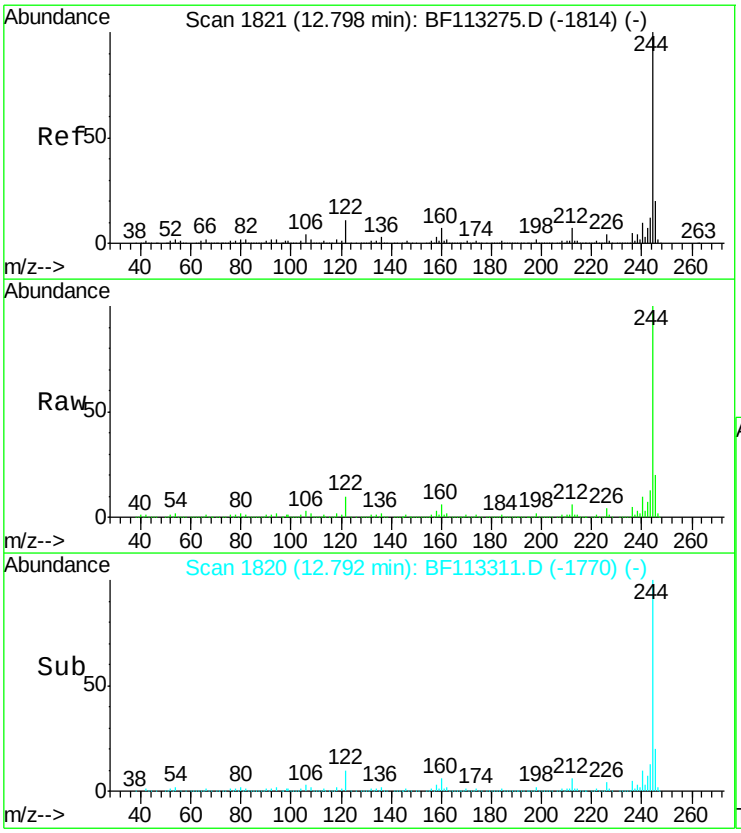
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:240 Resp: 312800

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.6	20.9	31.3

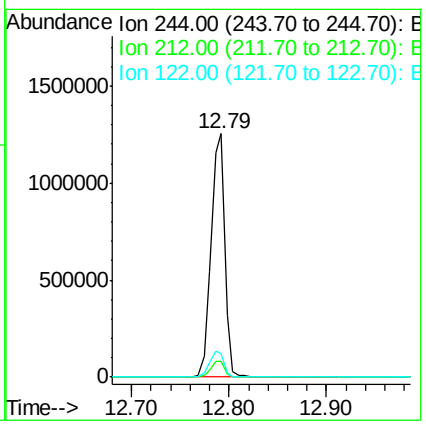


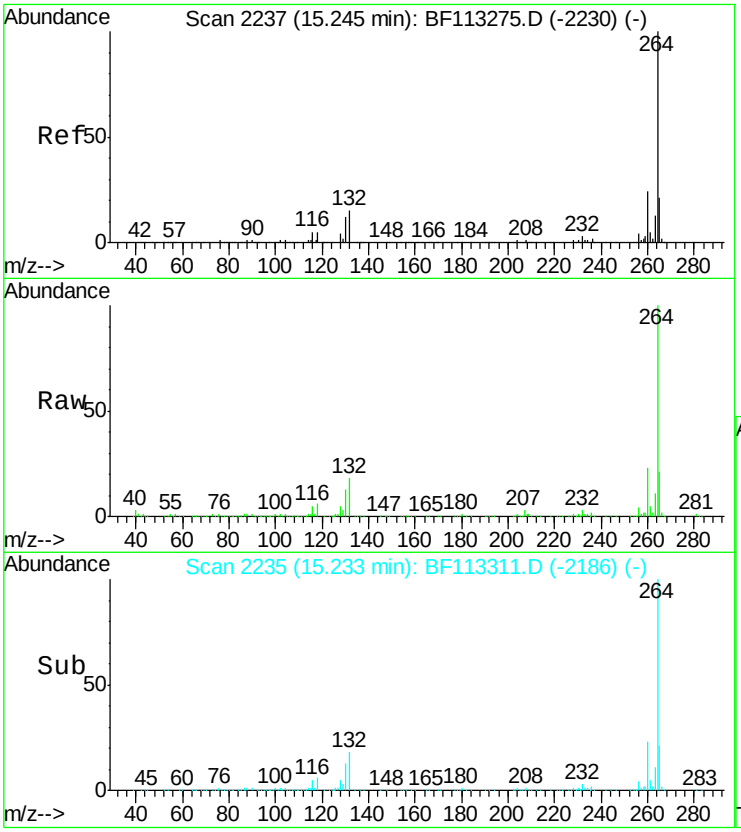


#79
Terphenyl-d14
Concen: 86.110 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Tgt Ion:244 Resp: 1222011

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	9.6	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113311.D
Acq: 27 Mar 2019 00:49

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Tgt Ion:264 Resp: 377058

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.3	17.1	25.7