Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113304.D
Acq On : 26 Mar 2019 21:23
Operator : JU/SJ
Sample : K2099-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C02-SETTLED-1H-B

Quant Time: Mar 27 07:37:53 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	165051	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	643968	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	312835	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	575392	20.00	ng	0.00
76) Chrysene-d12	13.83	240	351803	20.00	ng	-0.01
87) Perylene-d12	15.23	264	423407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	404941	40.12	ng	0.00
7) Phenol-d6	6.35	99	341592	26.75	ng	-0.01
23) Nitrobenzene-d5	7.27	82	973810	89.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	244794	63.35	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1741217	87.82	ng	0.00
79) Terphenyl-d14	12.79	244	1346425	84.36	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.86	79	49654	5.894	ng	# 63
50) Dimethylphthalate	9.45	163	66170	2.854	ng	98

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

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MH-C02-SETTLED-1H-B

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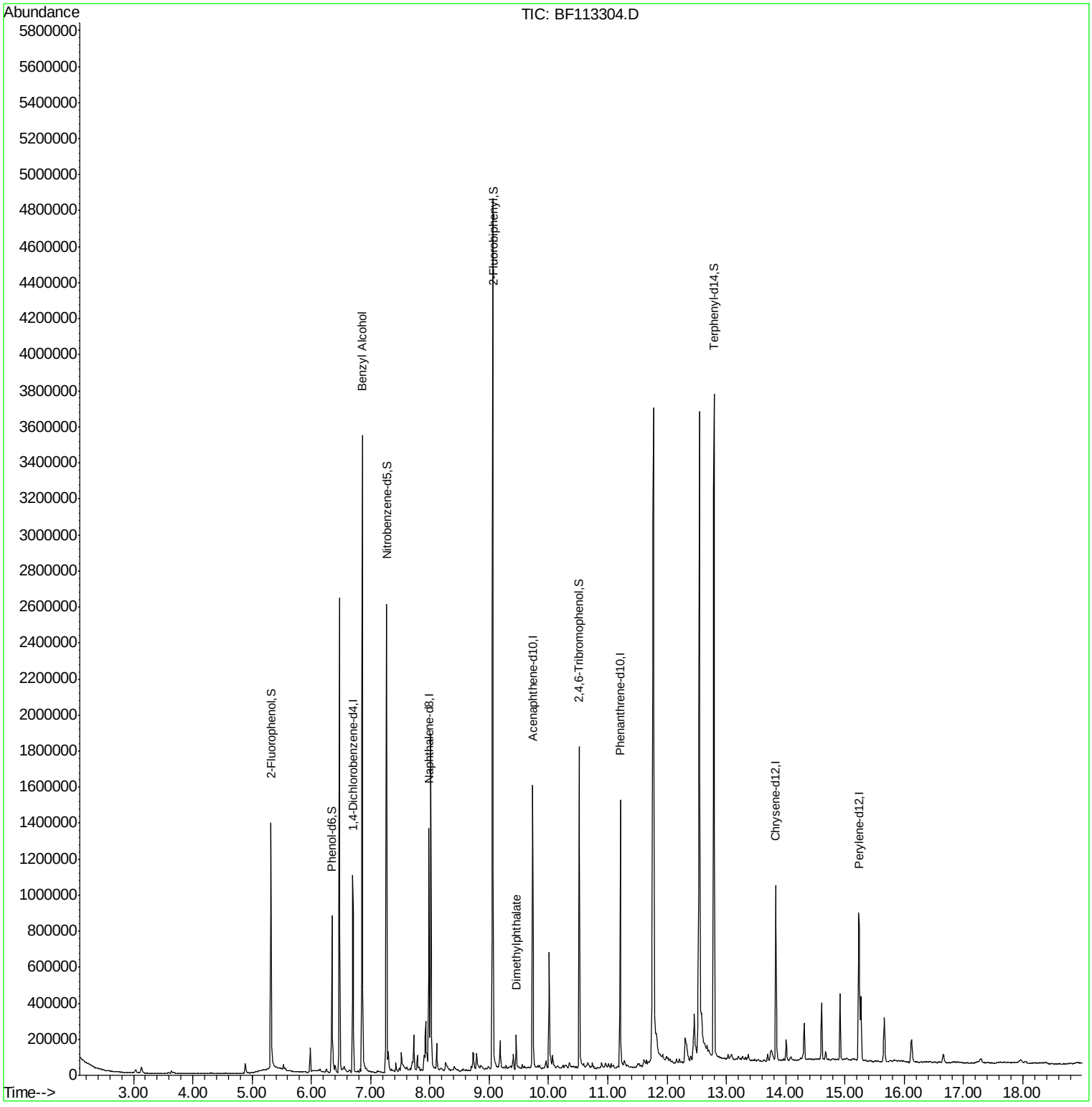
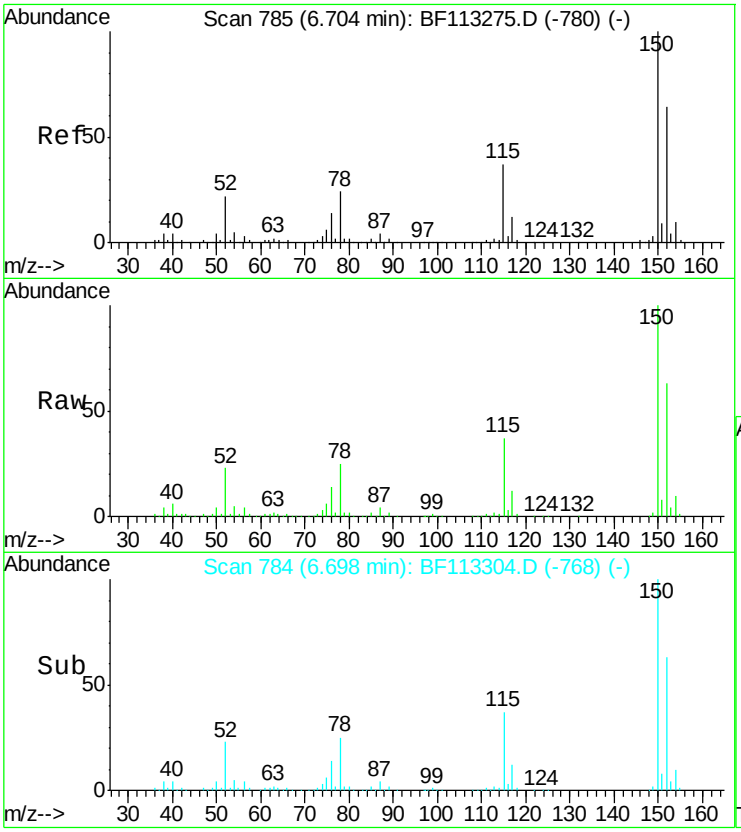


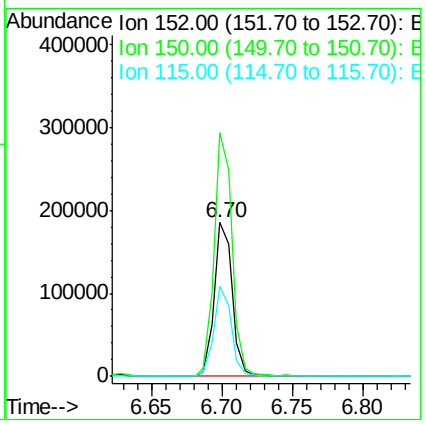


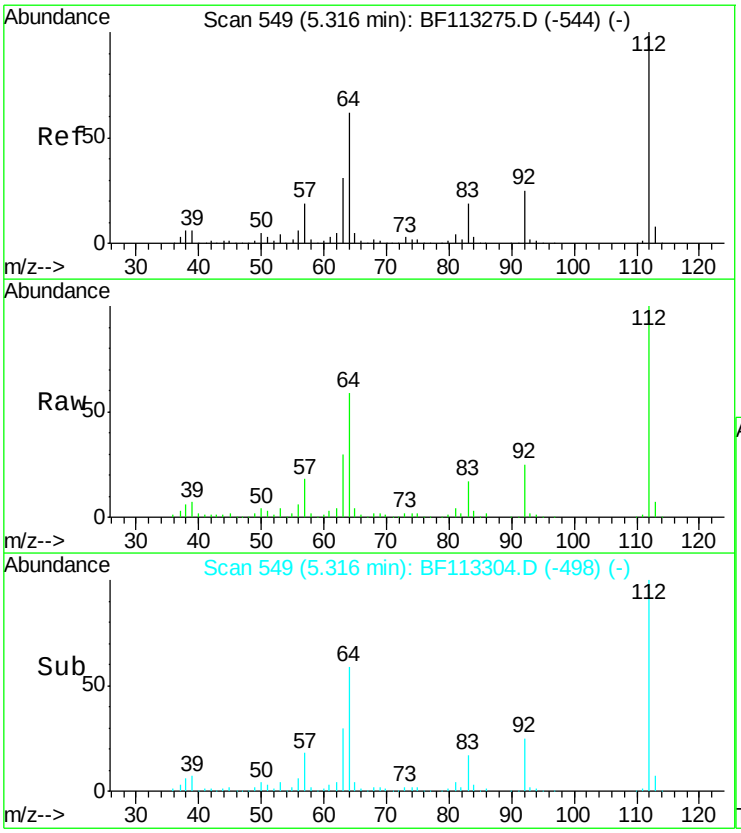
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:152 Resp: 165051

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	58.9	46.0	69.0

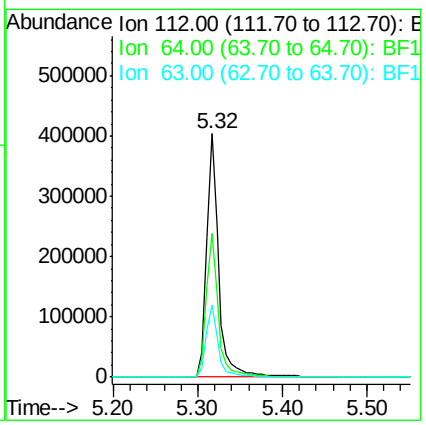


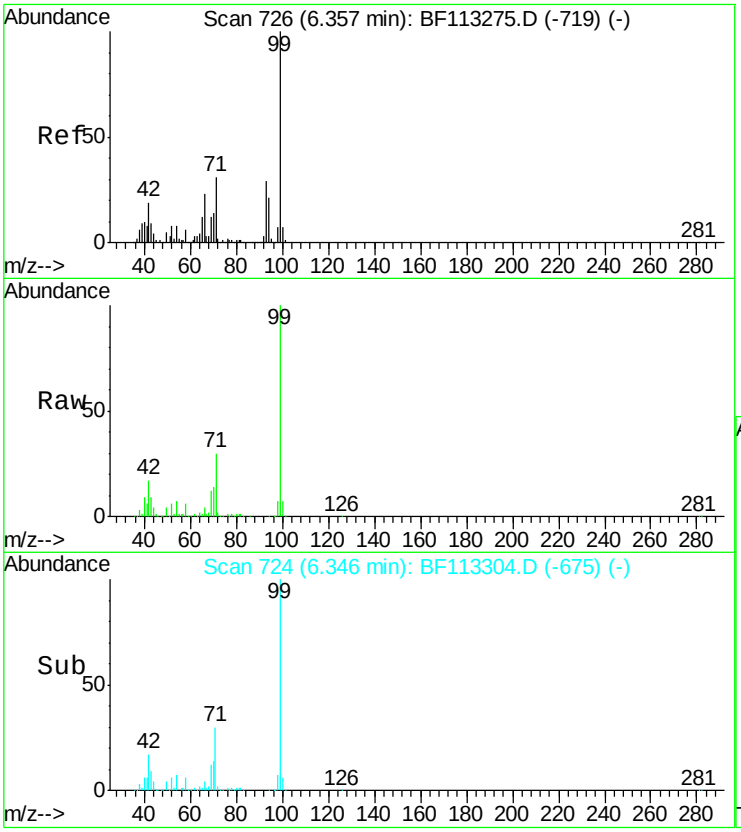


#5
2-Fluorophenol
Concen: 40.117 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:112 Resp: 404941

Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.2	73.8
63	29.8	24.9	37.3



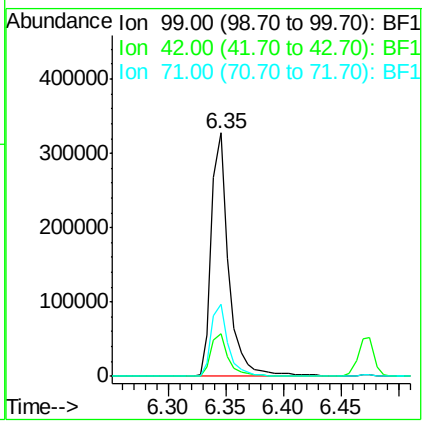


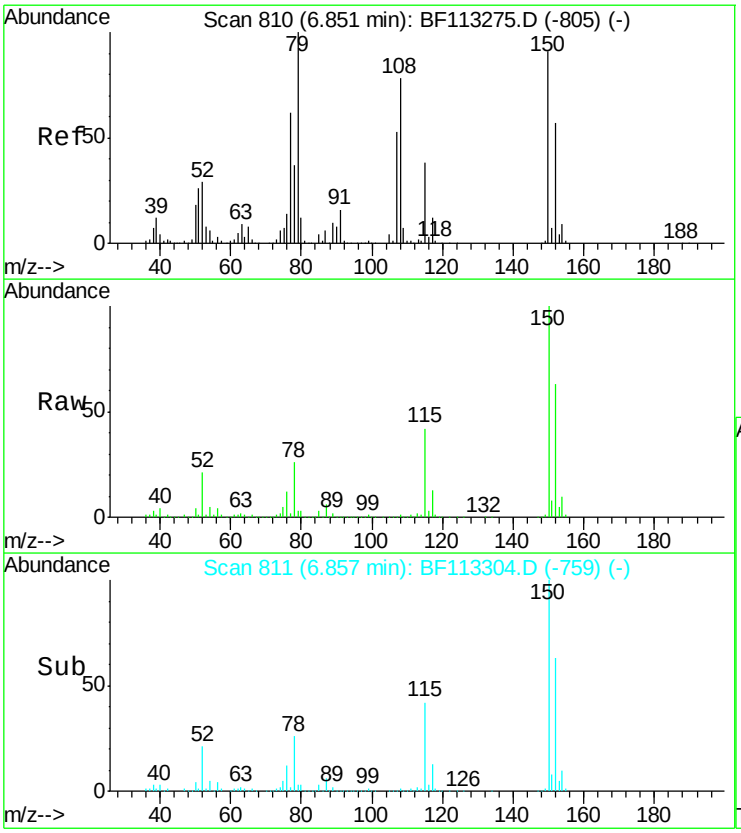
#7
Phenol-d6
Concen: 26.750 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion: 99 Resp: 341592

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	29.8	24.9	37.3

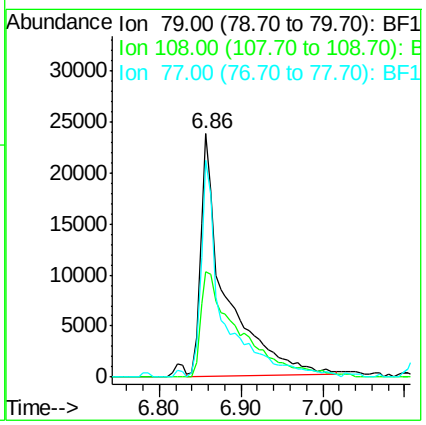


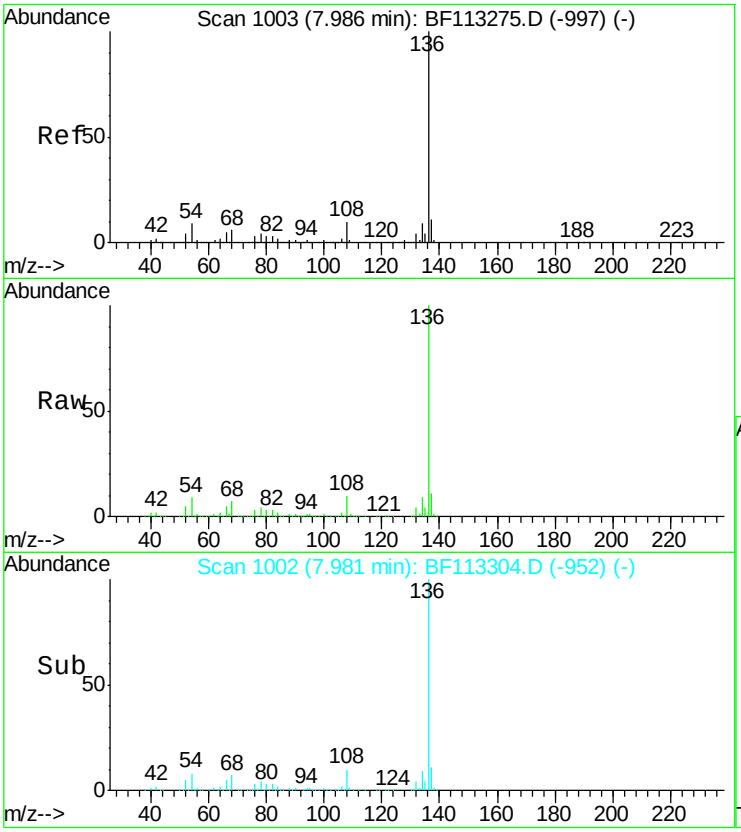


#15
Benzyl Alcohol
Concen: 5.894 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion: 79 Resp: 49654

Ion	Ratio	Lower	Upper
79	100		
108	43.3	62.0	93.0#
77	89.2	49.9	74.9#



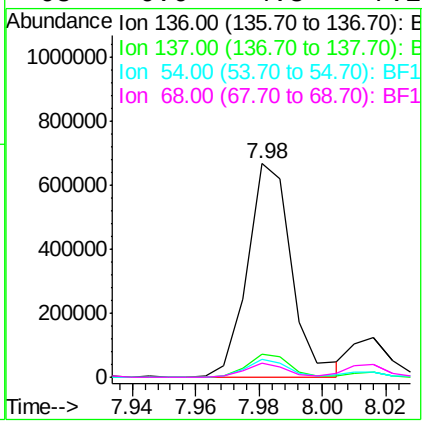


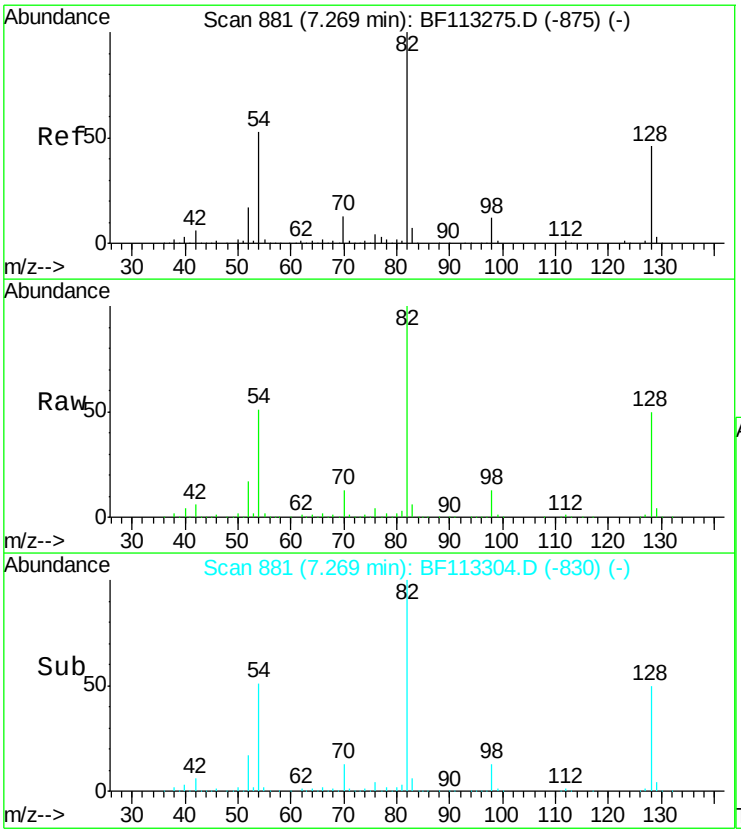
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:136 Resp: 643968

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	7.0	10.6
68	6.6	4.8	7.2

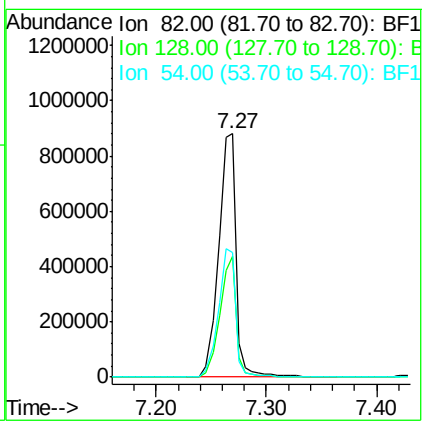


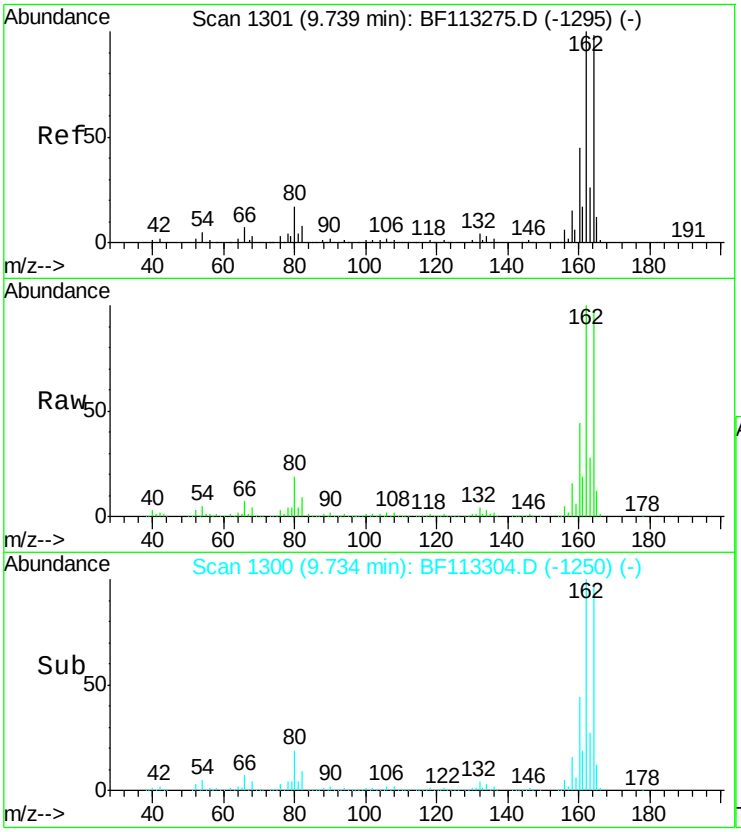


#23
Nitrobenzene-d5
Concen: 89.755 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion: 82 Resp: 973810

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.5	54.7
54	51.1	42.2	63.2



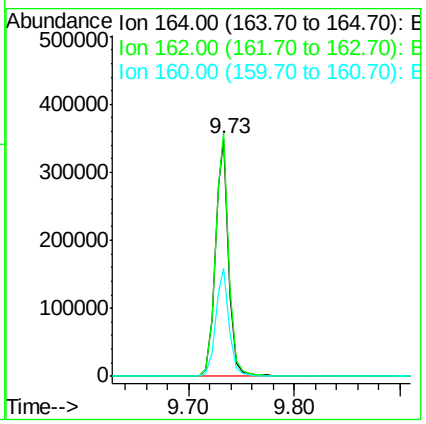


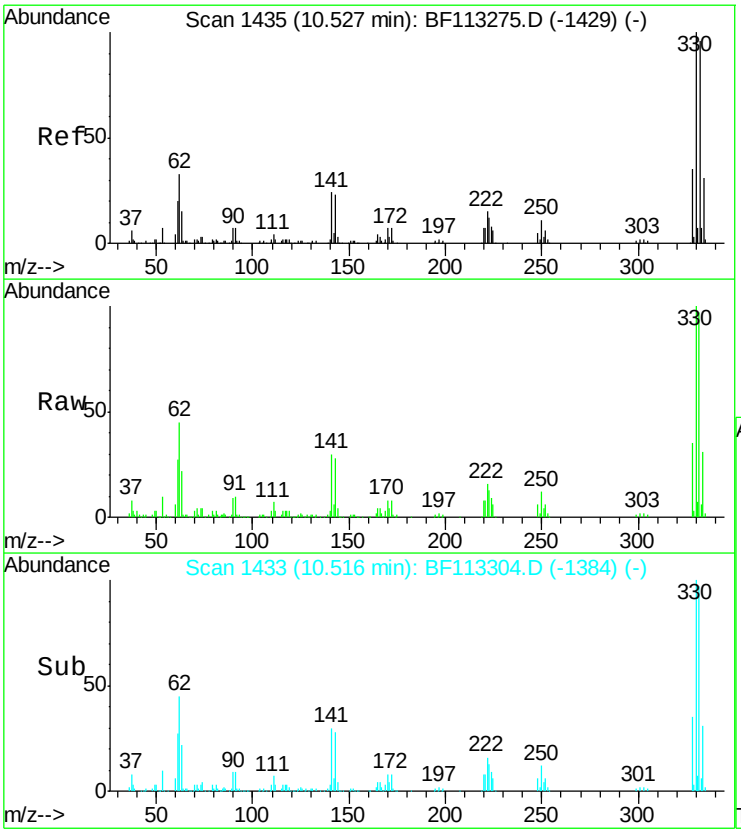
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:164 Resp: 312835

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	45.6	36.4	54.6

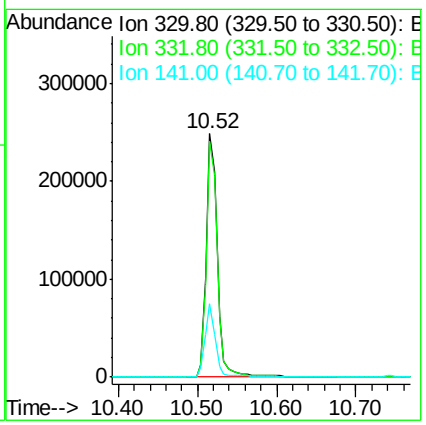


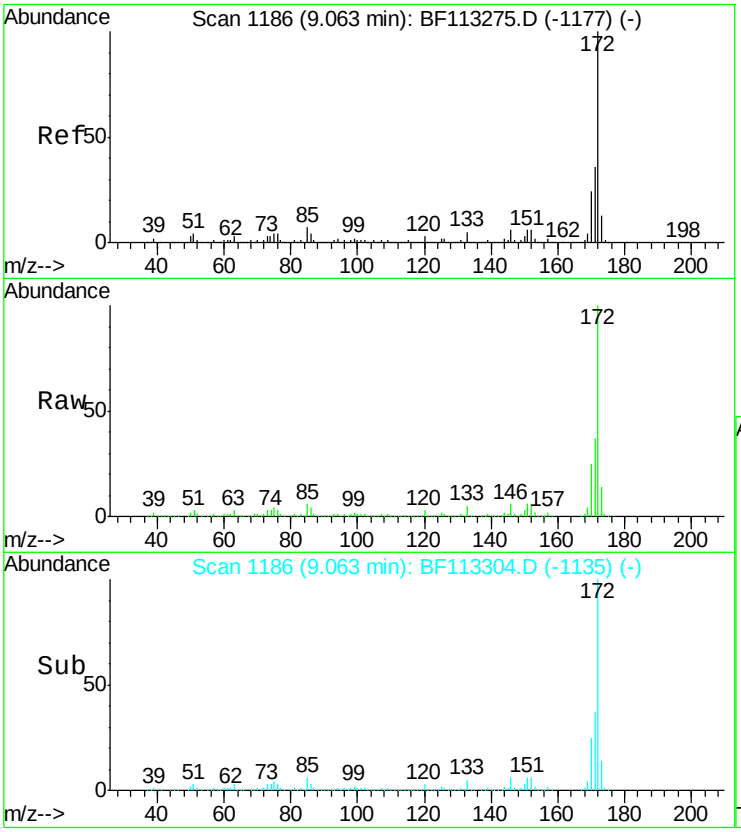


#42
2,4,6-Tribromophenol
Concen: 63.349 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:330 Resp: 244794

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	28.4	22.7	34.1



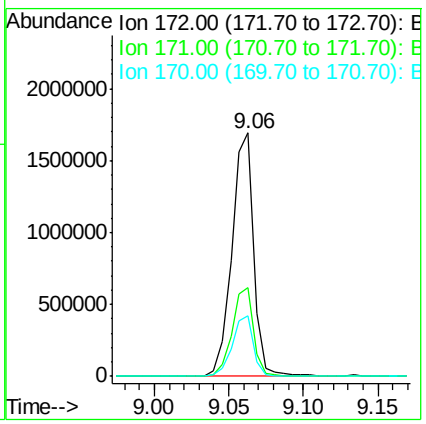


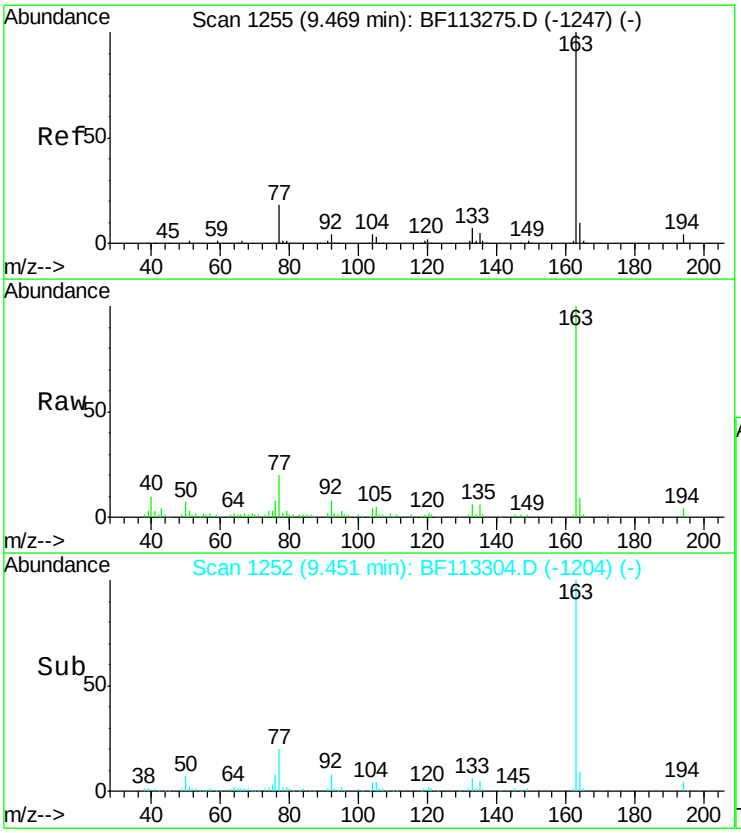
#45
2-Fluorobiphenyl
Concen: 87.824 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:172 Resp: 1741217

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	25.0	19.5	29.3

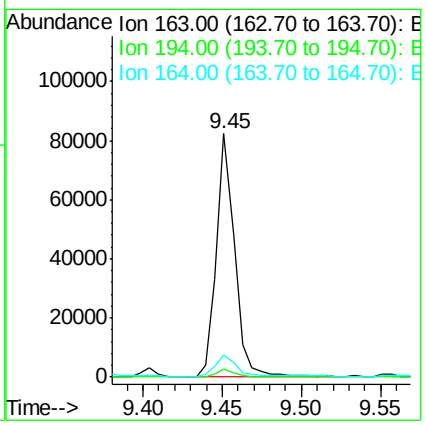


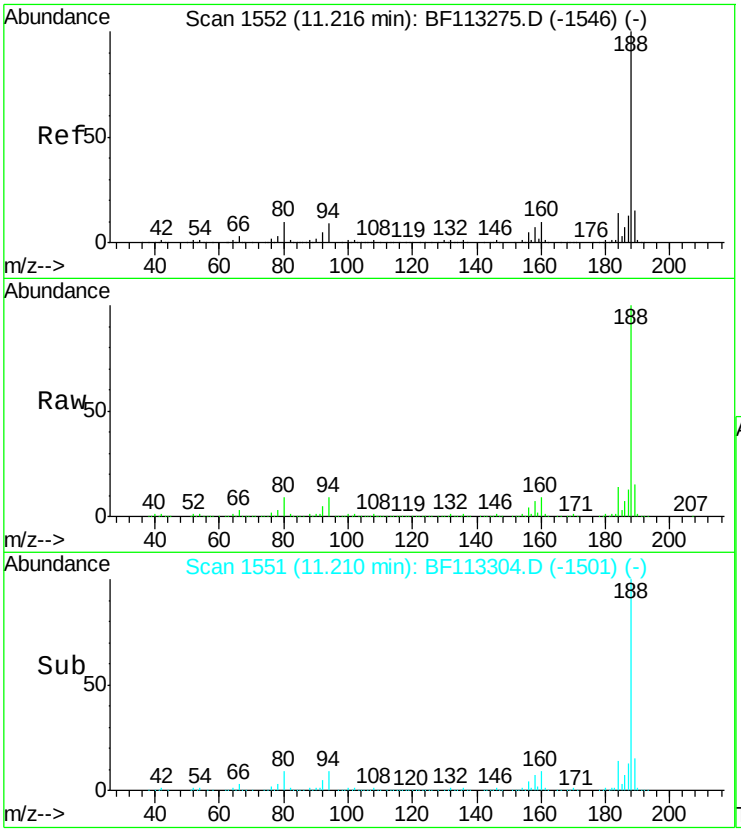


#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:163 Resp: 66170

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.3	8.1	12.1



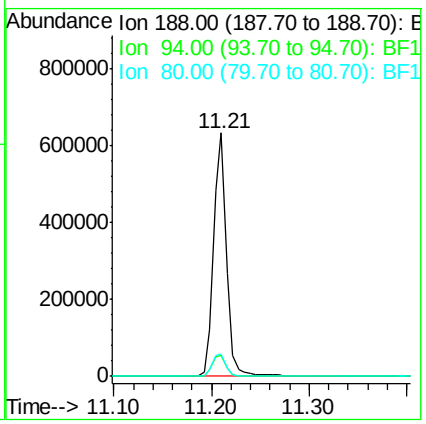


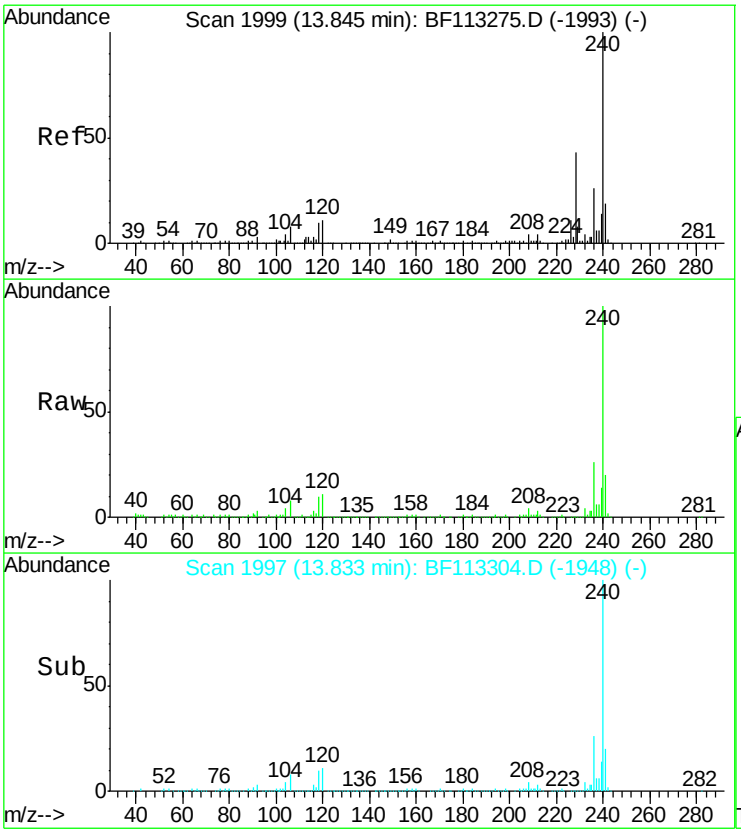
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

Tgt Ion:188 Resp: 575392

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.2	7.7	11.5

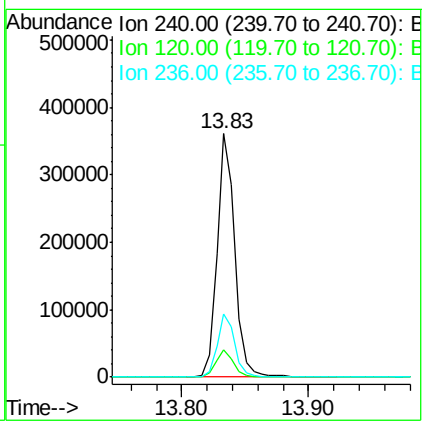


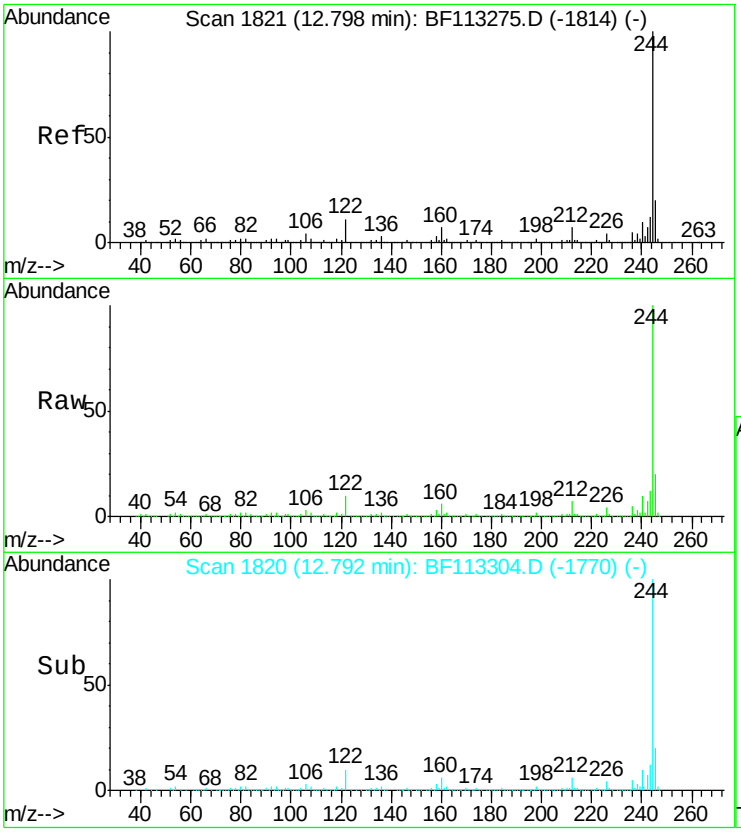


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:240 Resp: 351803

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.8	13.2
236	26.2	20.9	31.3



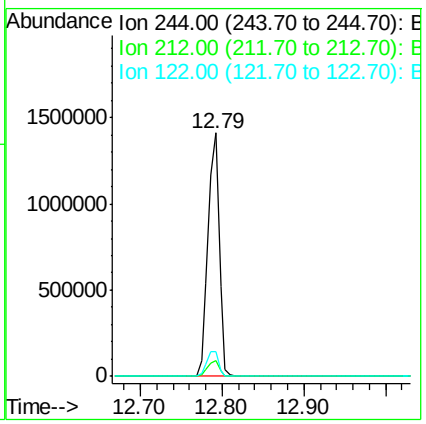


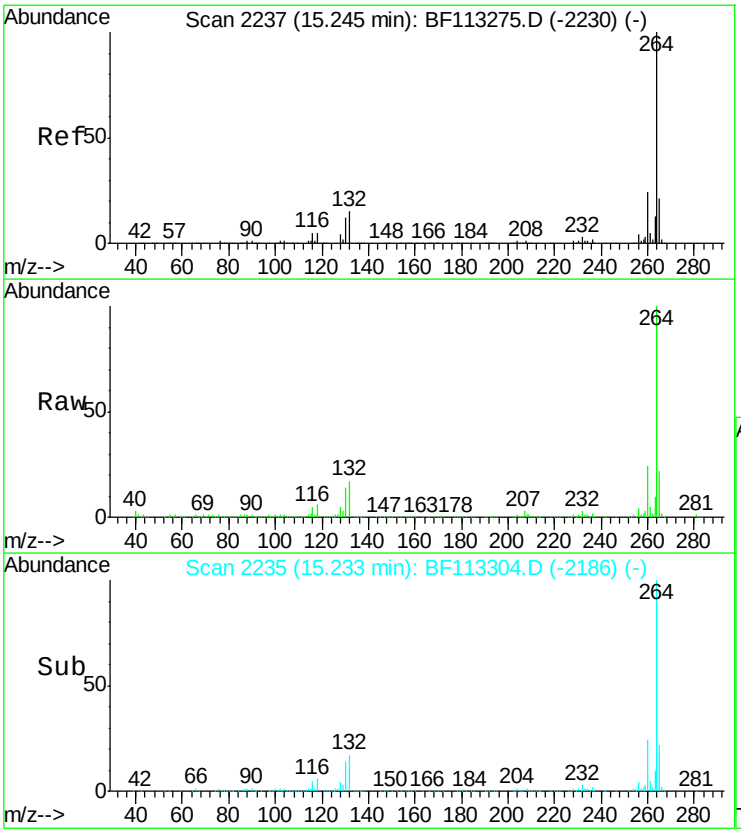
#79
Terphenyl-d14
Concen: 84.358 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113304.D
Acq: 26 Mar 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-1H-B

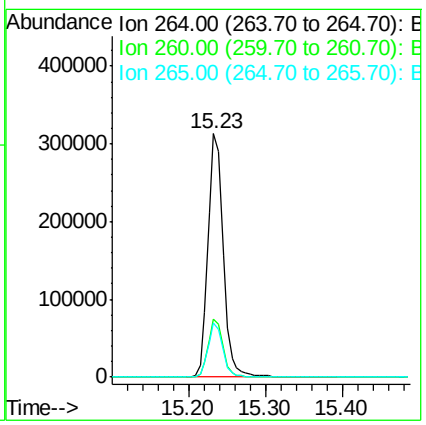
Tgt Ion:244 Resp: 1346425

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.3	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: BF113304.D
Acq: 26 Mar 2019 21:23

Tgt Ion:264 Resp: 423407

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.4	17.1	25.7