Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110170.D
Acq On : 25 Oct 2018 19:44
Operator : JU/SJ
Sample : J5651-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200030

Quant Time: Oct 26 04:34:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	142600	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	566846	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	206777	20.00	ng	-0.01
64) Phenanthrene-d10	11.52	188	267810	20.00	ng	0.00
76) Chrysene-d12	14.16	240	250478	20.00	ng	0.00
87) Perylene-d12	15.67	264	263685	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	793201	90.58	ng	-0.01
7) Phenol-d6	6.59	99	998164	89.12	ng	-0.02
23) Nitrobenzene-d5	7.53	82	608798	63.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.82	330	161590	78.89	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	871109	66.15	ng	-0.02
79) Terphenyl-d14	13.10	244	503609	41.81	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.60	94	102652	8.574	ng	# 64
50) Dimethylphthalate	9.72	163	148974	9.760	ng	# 89
75) Fluoranthene	12.74	202	36454	2.563	ng	73

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

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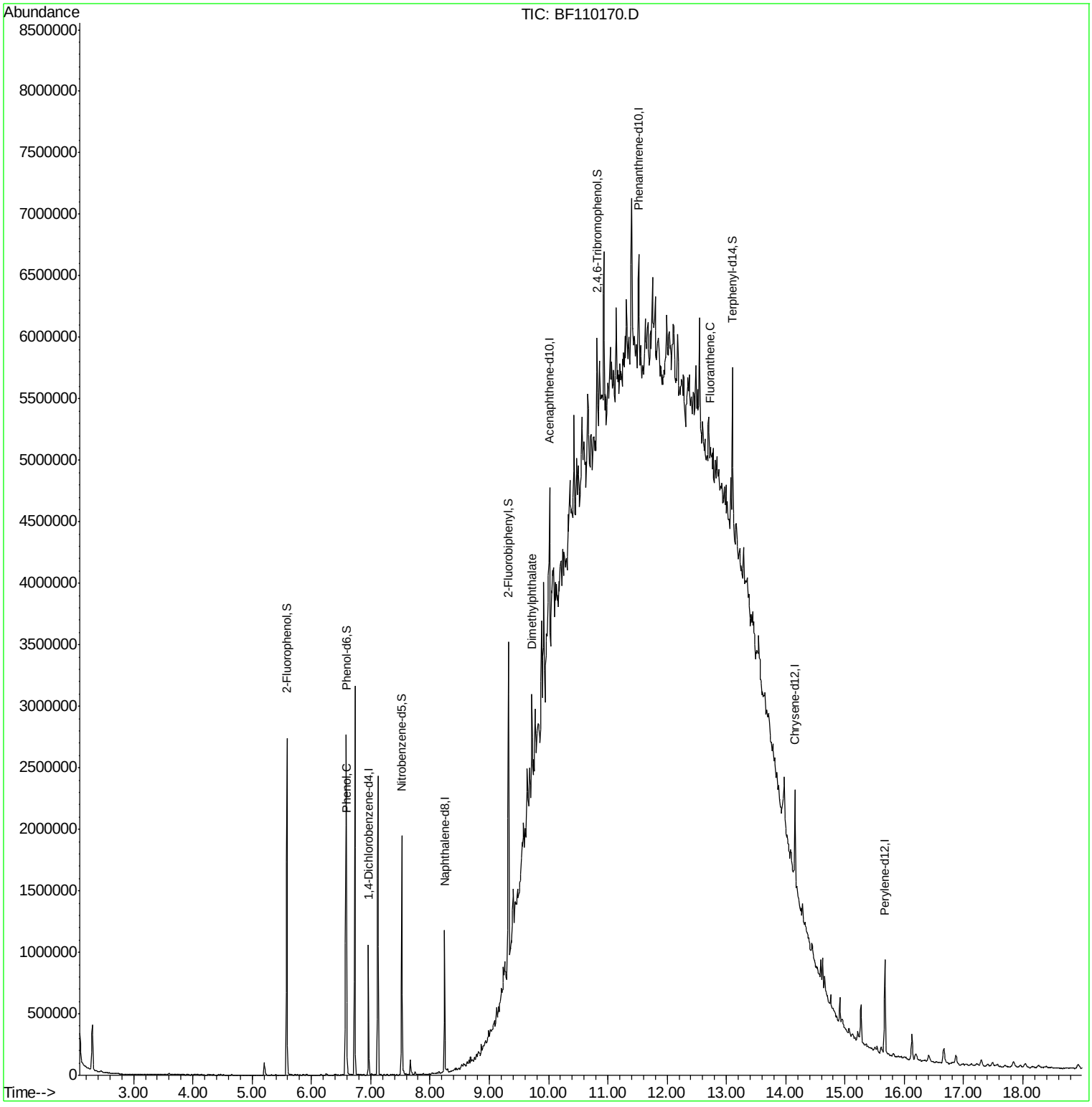
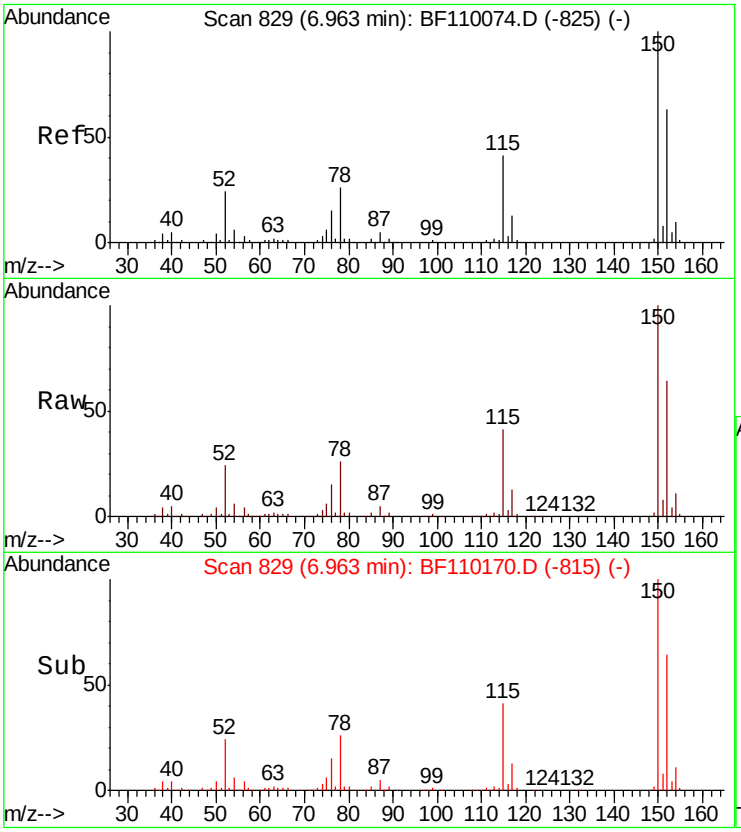


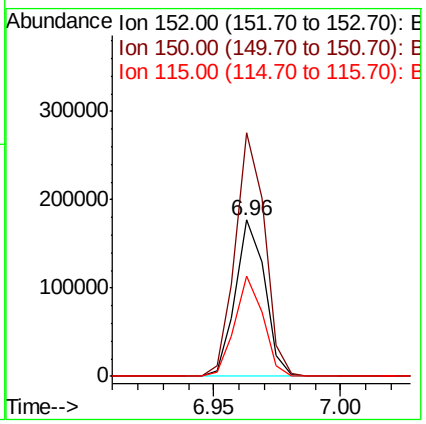


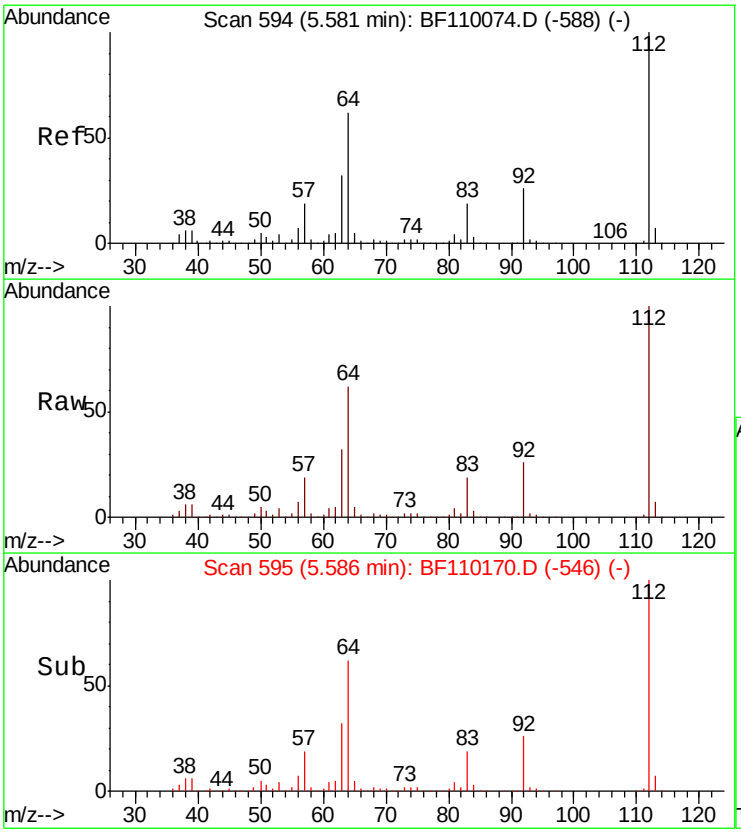
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:152 Resp: 142600

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	64.5	49.1	73.7

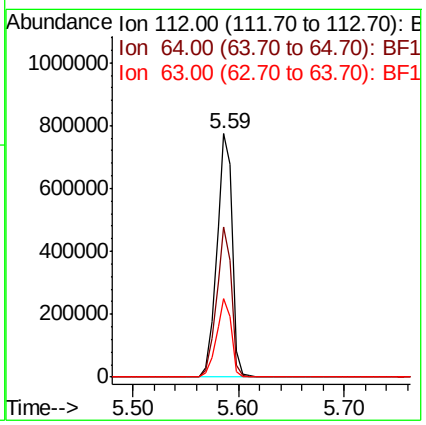


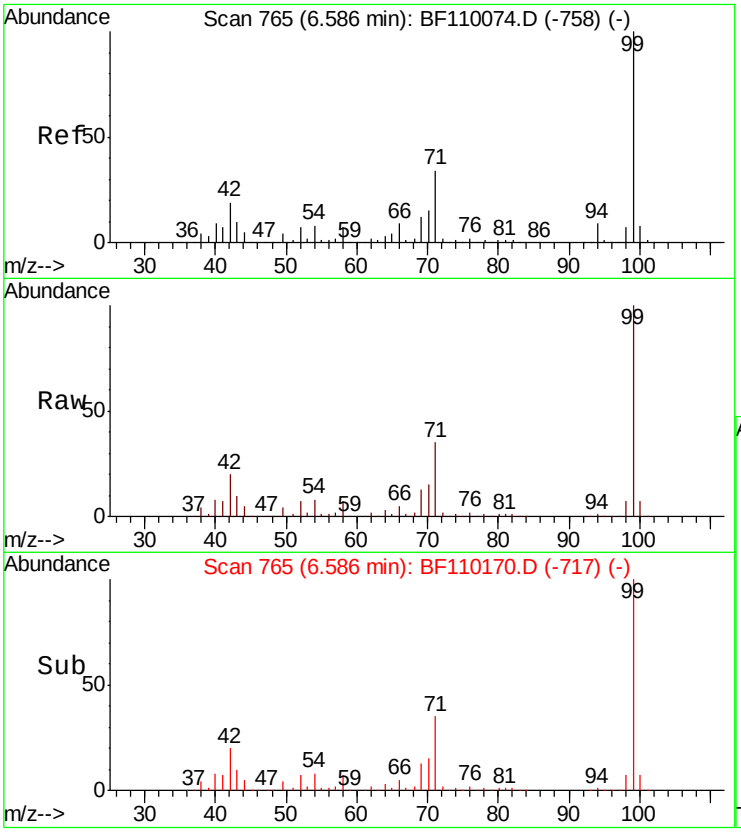


#5
2-Fluorophenol
Concen: 90.581 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:112 Resp: 793201

Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.1	23.7	35.5



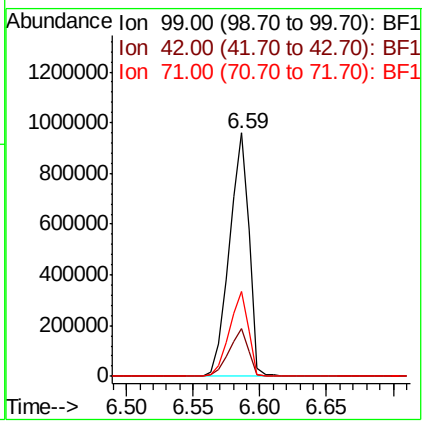


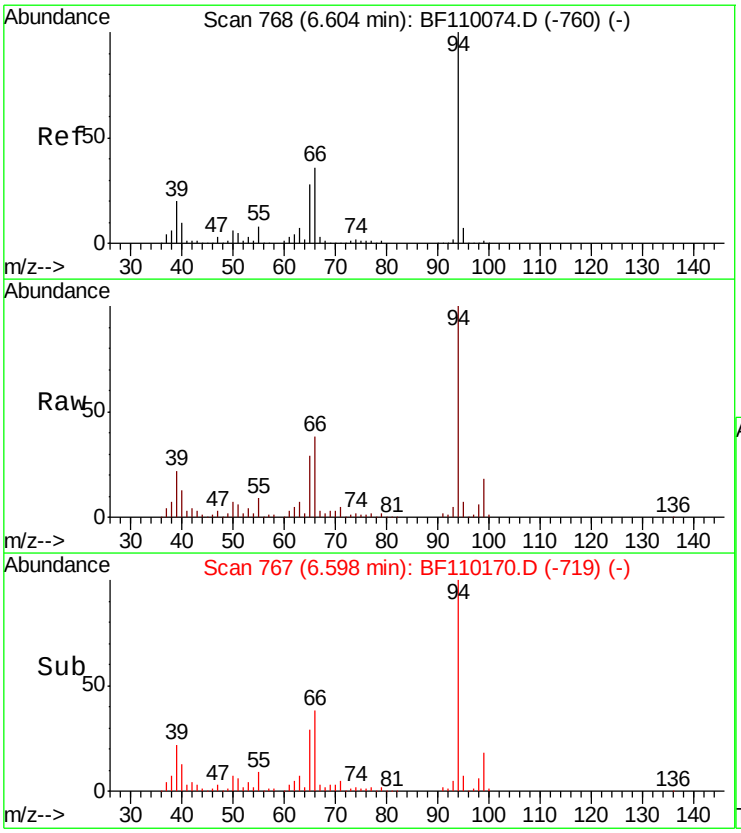
#7
Phenol-d6
Concen: 89.117 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion: 99 Resp: 998164

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	34.7	28.0	42.0

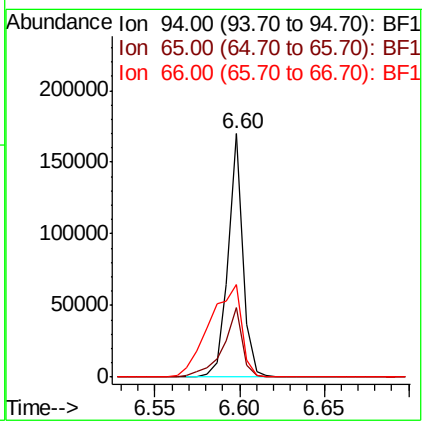


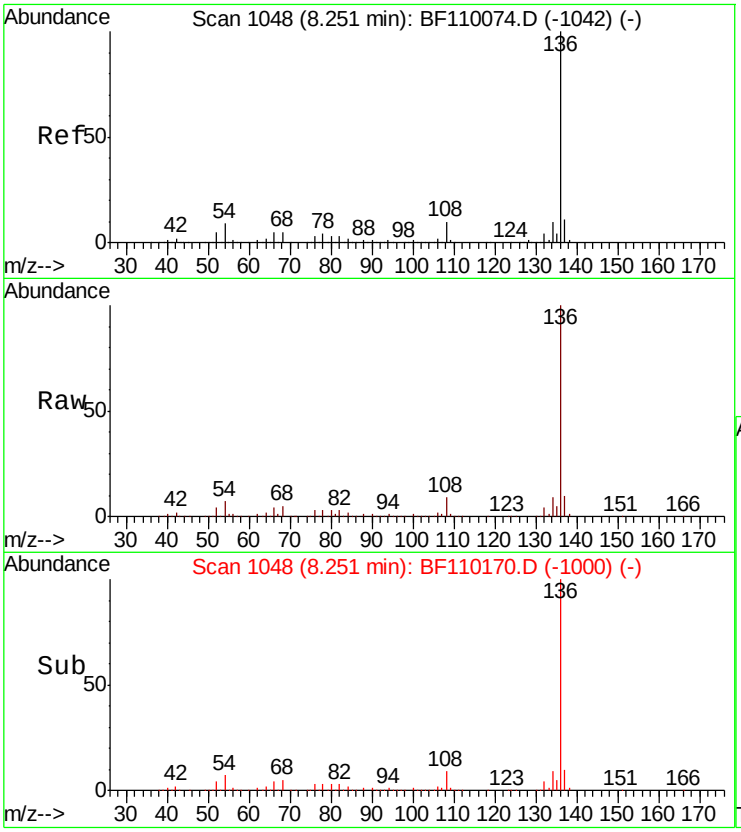


#10
Phenol
Concen: 8.574 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion: 94 Resp: 102652

Ion	Ratio	Lower	Upper
94	100		
65	28.7	25.3	65.3
66	37.9	54.5	94.5#



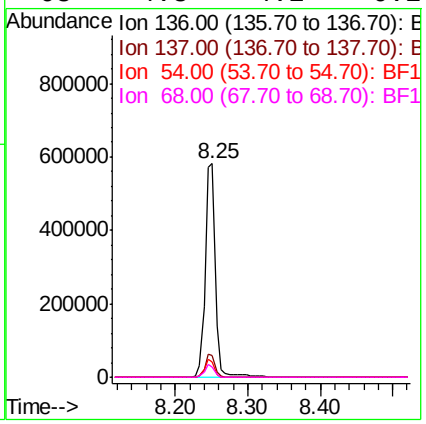


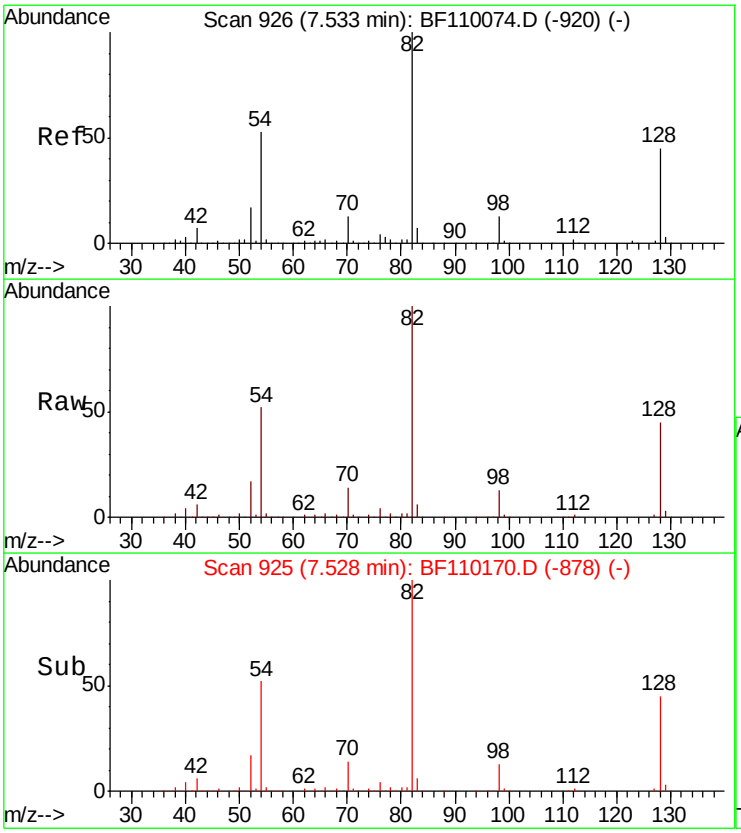
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:136 Resp: 566846

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.0	5.4	8.2
68	4.8	4.2	6.2

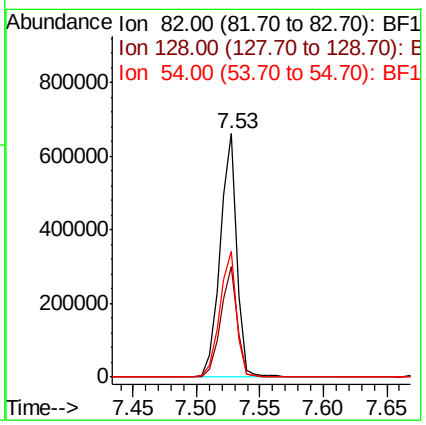


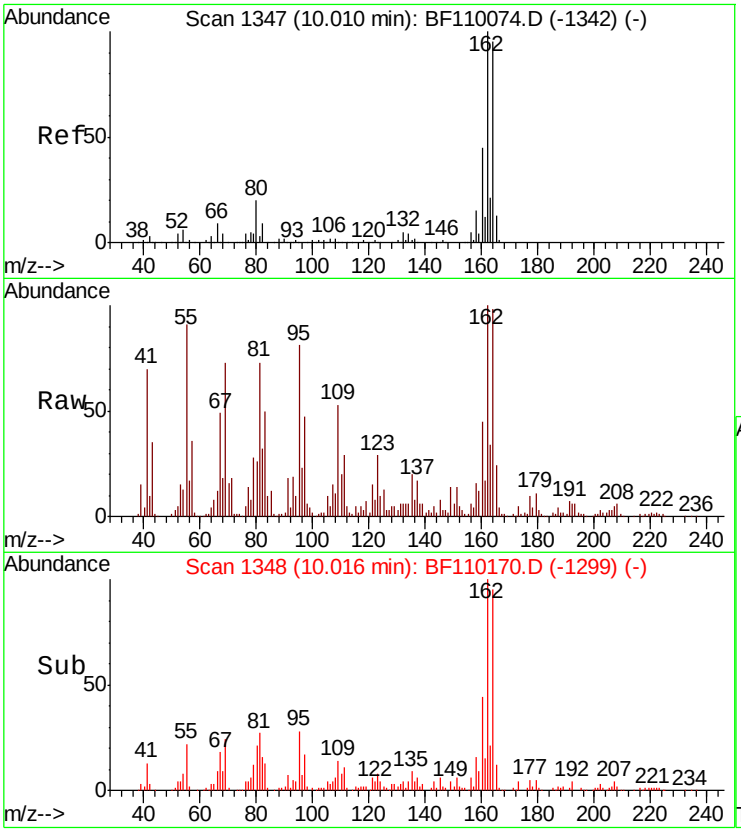


#23
Nitrobenzene-d5
Concen: 63.703 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion: 82 Resp: 608798

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	51.6	38.6	58.0



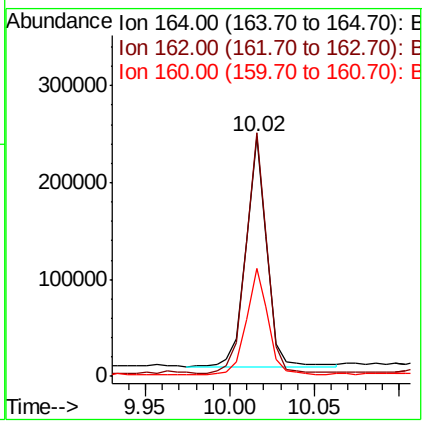


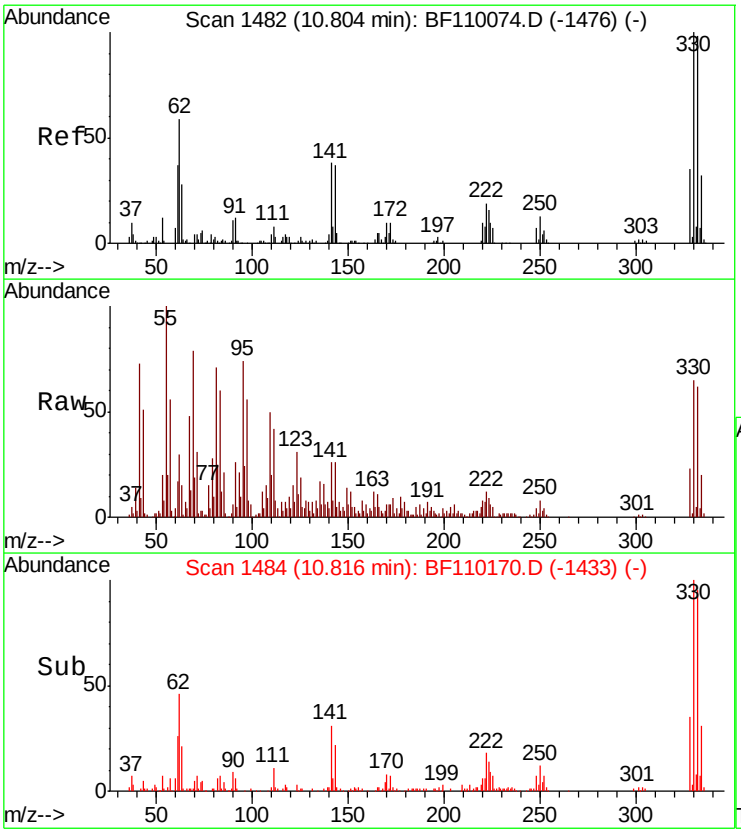
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:164 Resp: 206777

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.6
160	45.4	37.0	55.6

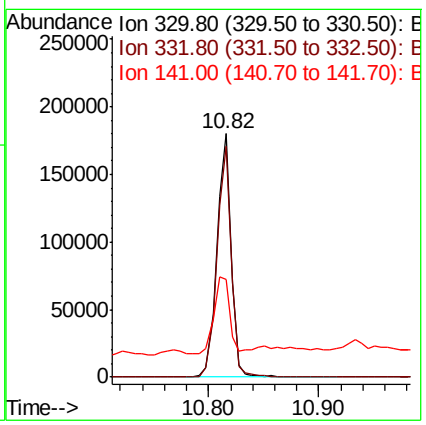


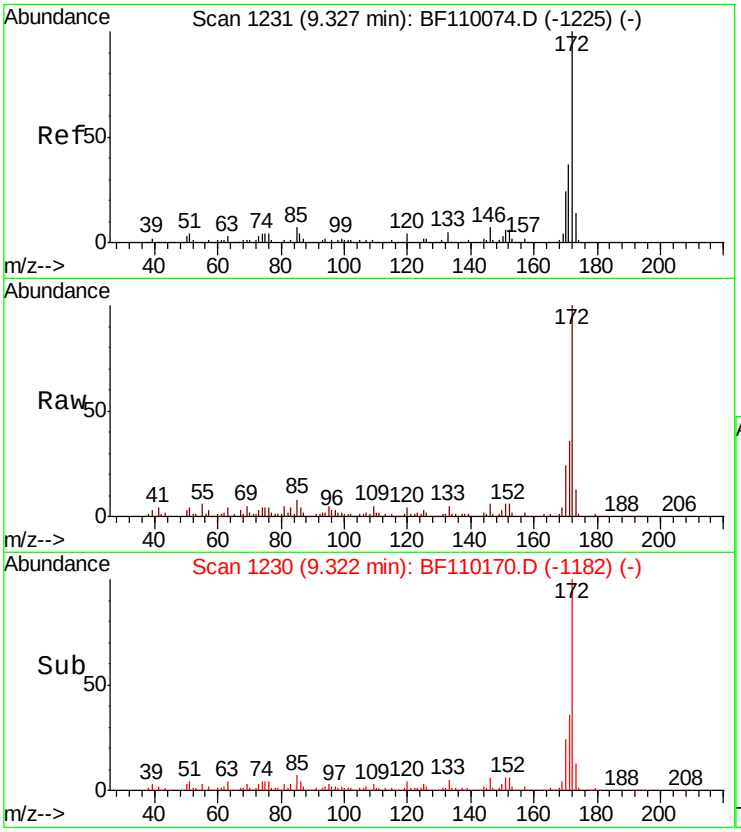


#42
2,4,6-Tribromophenol
Concen: 78.891 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:330 Resp: 161590

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	35.1	27.0	40.4



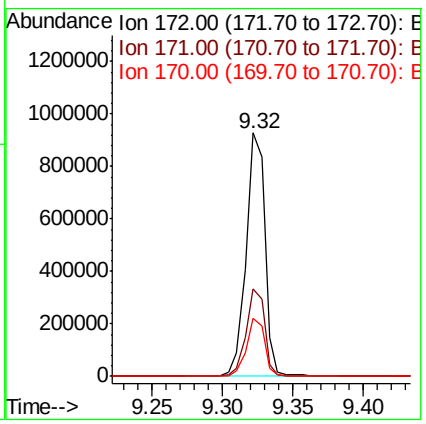


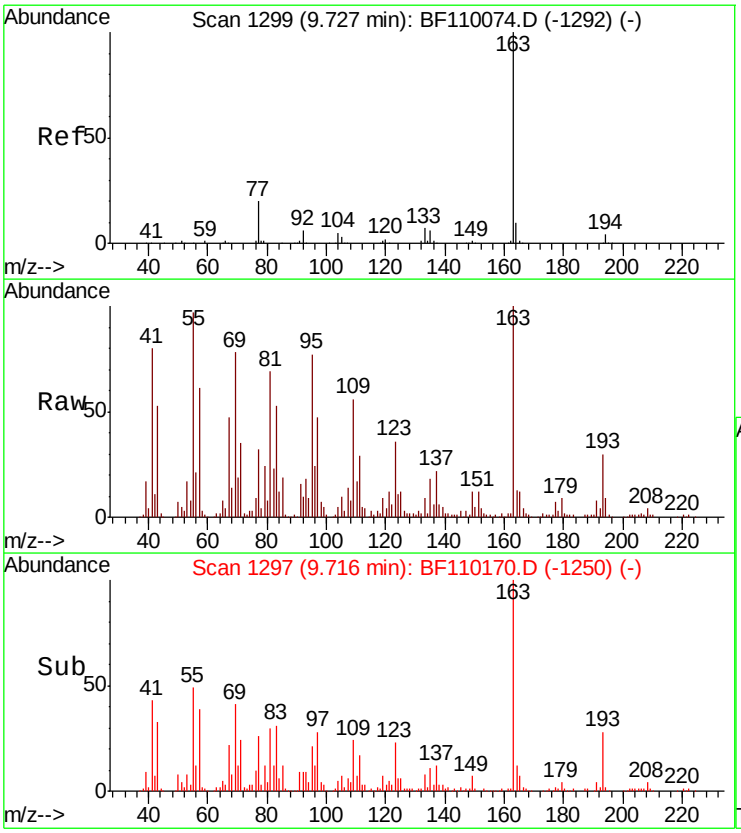
#45
2-Fluorobiphenyl
Concen: 66.152 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:172 Resp: 871109

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

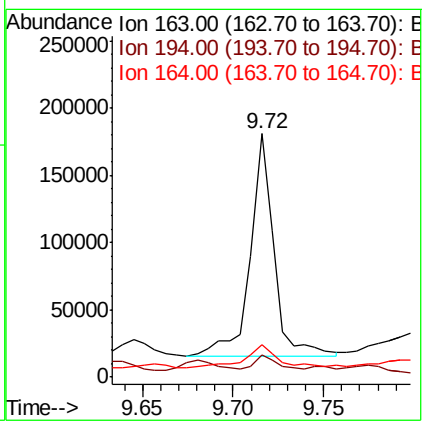


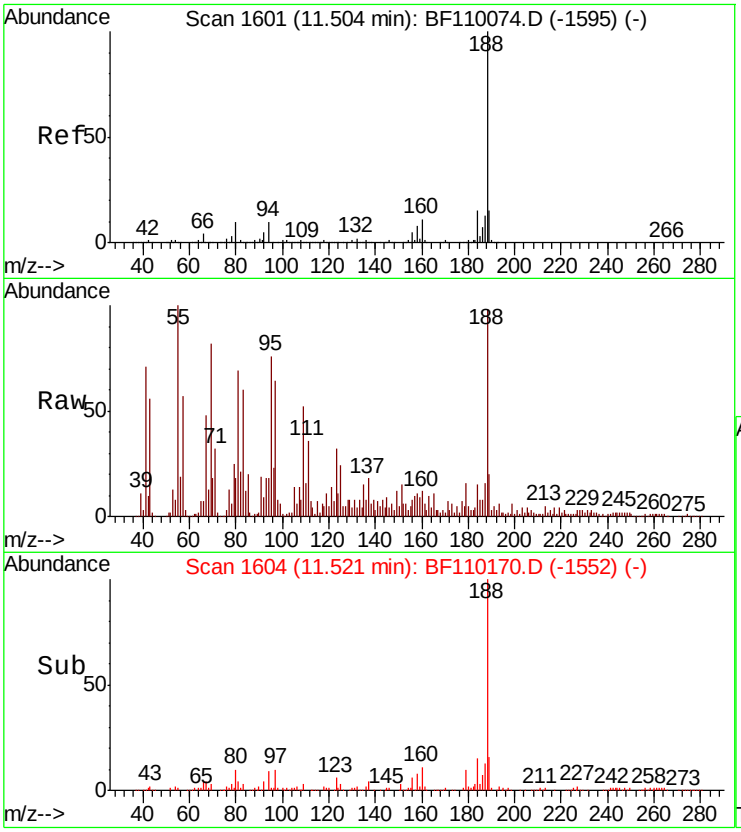


#50
Dimethylphthalate
Concen: 9.760 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:163 Resp: 148974

Ion	Ratio	Lower	Upper
163	100		
194	9.1	3.2	4.8#
164	13.4	8.1	12.1#



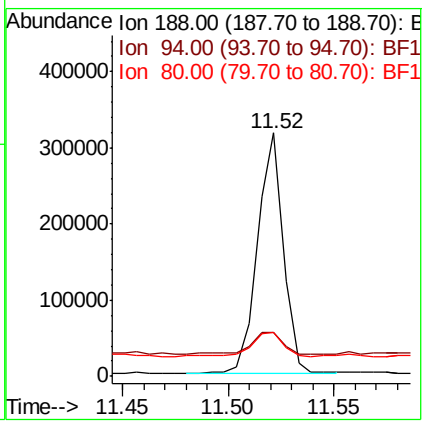


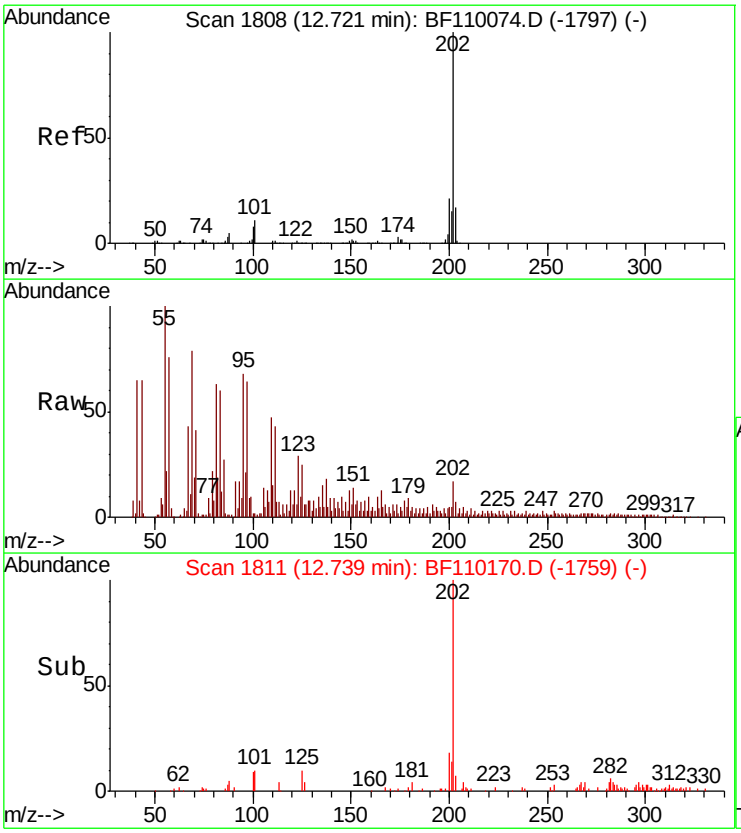
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:188 Resp: 267810

Ion	Ratio	Lower	Upper
188	100		
94	18.1	7.2	10.8#
80	18.1	7.9	11.9#

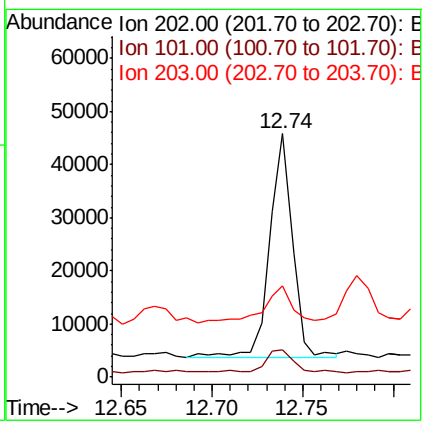


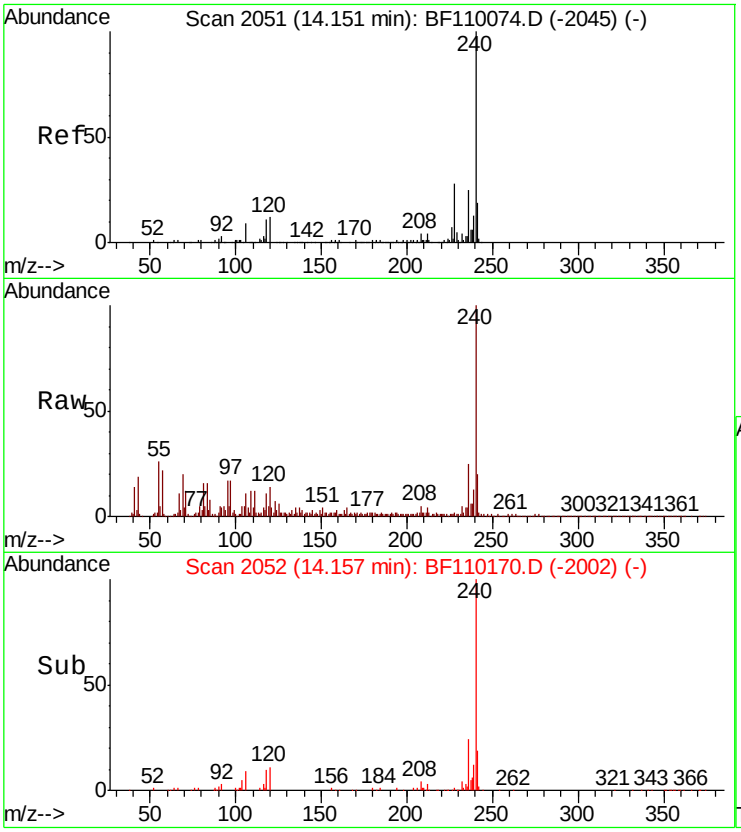


#75
Fluoranthene
Concen: 2.563 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:202 Resp: 36454

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	37.3	0.0	37.7



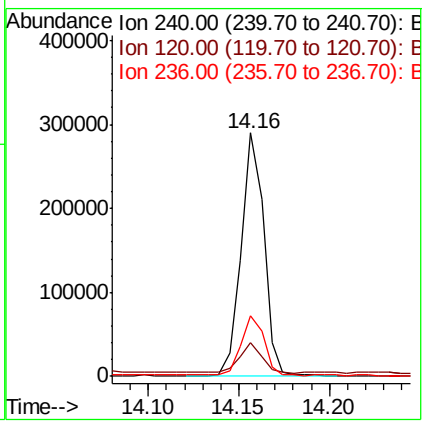


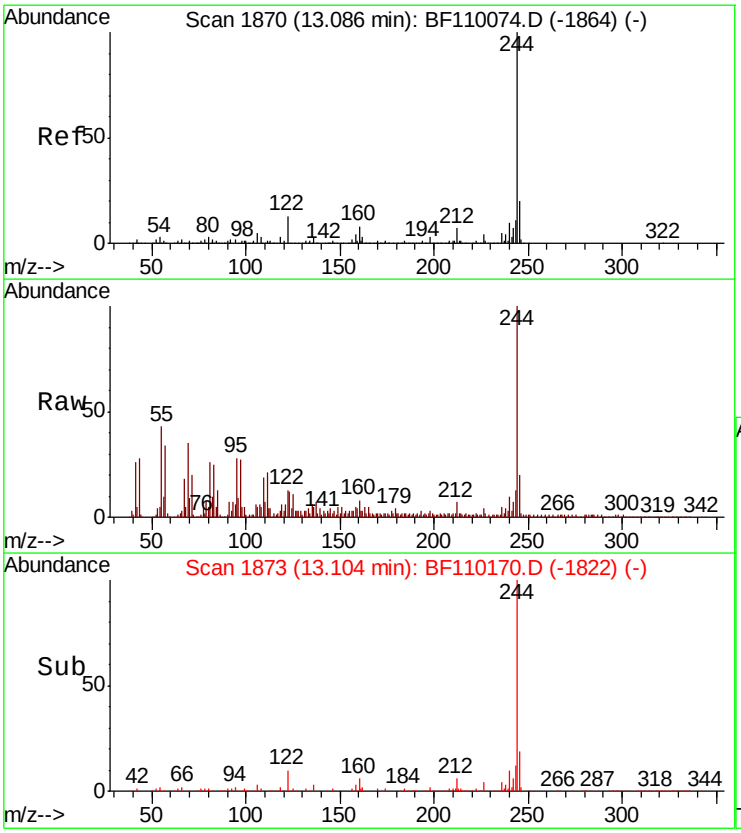
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:240 Resp: 250478

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	24.8	21.2	31.8

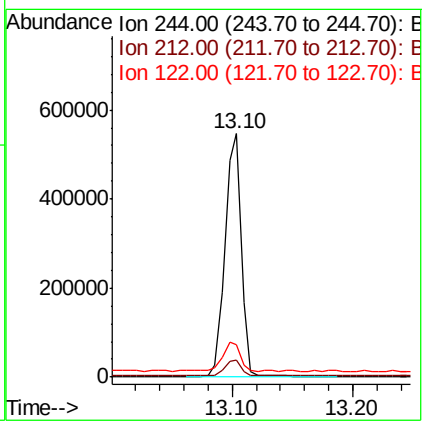


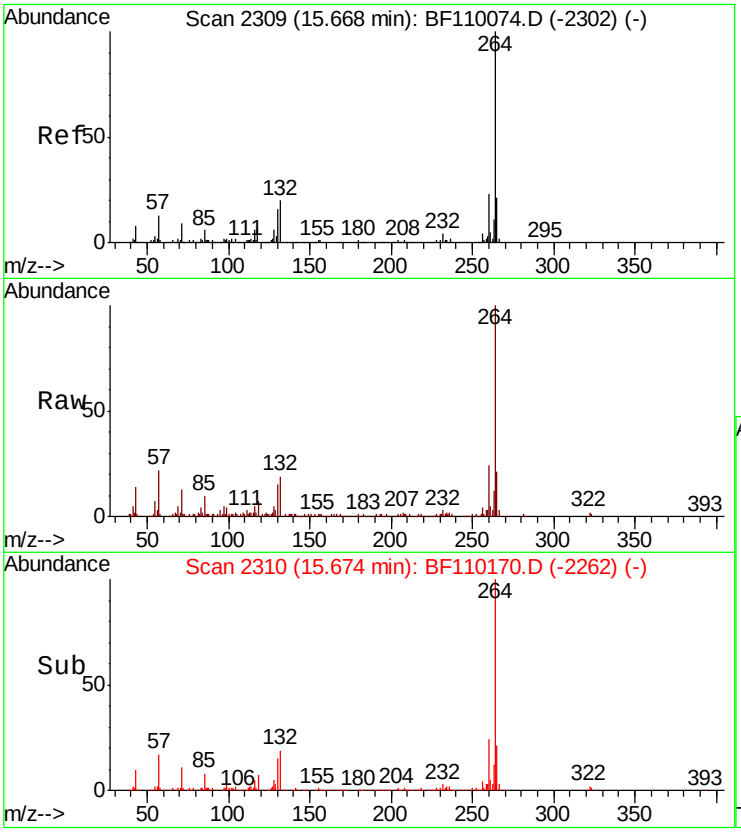


#79
Terphenyl-d14
Concen: 41.814 ng
RT: 13.10 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:244 Resp: 503609

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.3	8.7	13.1#

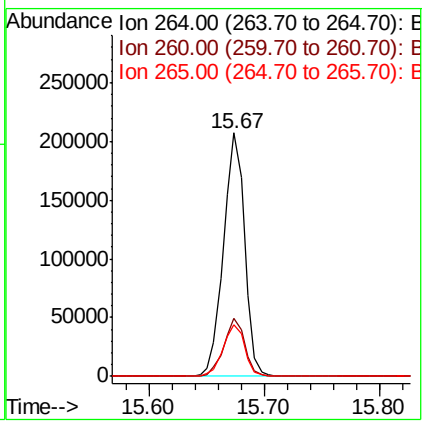




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:264 Resp: 263685

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.1	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
RBR-200030