Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110801.D
Acq On : 15 Nov 2018 21:07
Operator : JU/SJ
Sample : J5942-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-F2

Quant Time: Nov 16 07:35:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60353	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	238027	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101164	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	163872	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146153	20.00	ng	0.00
87) Perylene-d12	15.66	264	104431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	327529	88.15	ng	0.00
7) Phenol-d6	6.56	99	413420	87.01	ng	-0.01
23) Nitrobenzene-d5	7.50	82	254631	61.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	81322	79.78	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	477174	67.36	ng	0.00
79) Terphenyl-d14	13.06	244	388472	49.78	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.57	94	20413	3.705	ng	85
50) Dimethylphthalate	9.69	163	46785	6.198	ng	100

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

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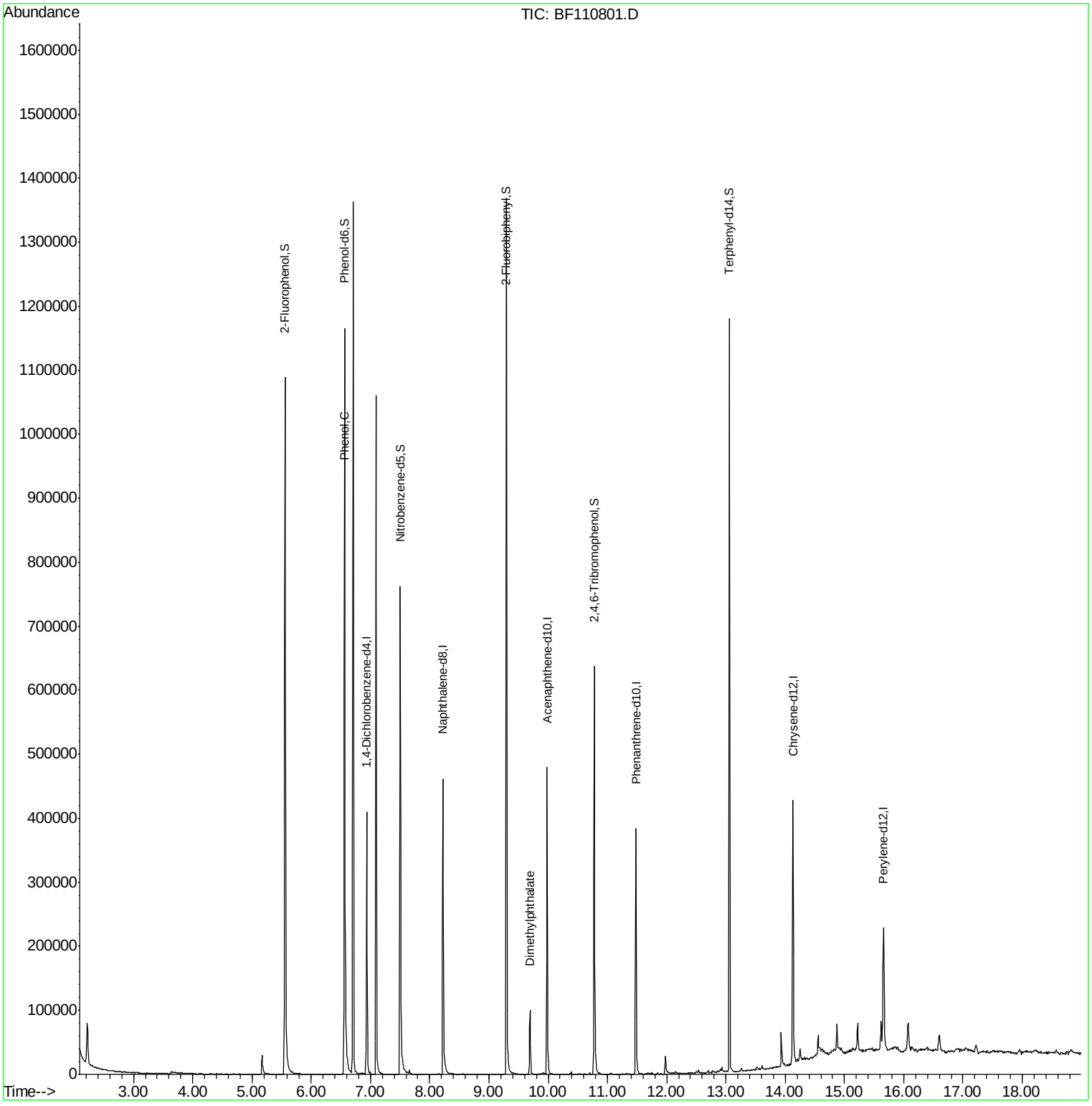
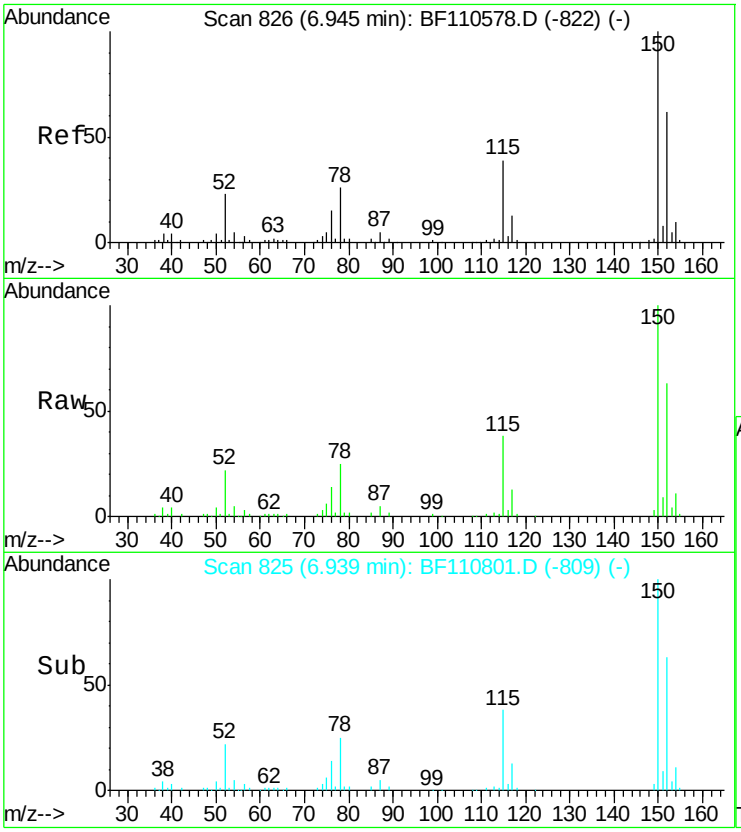


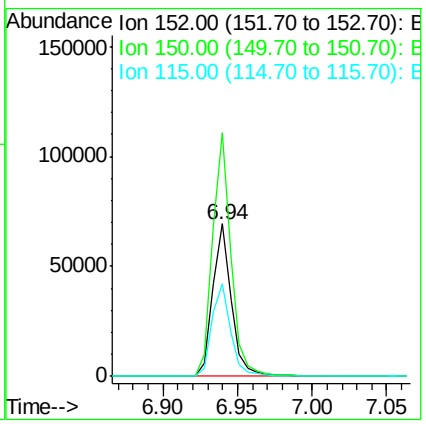


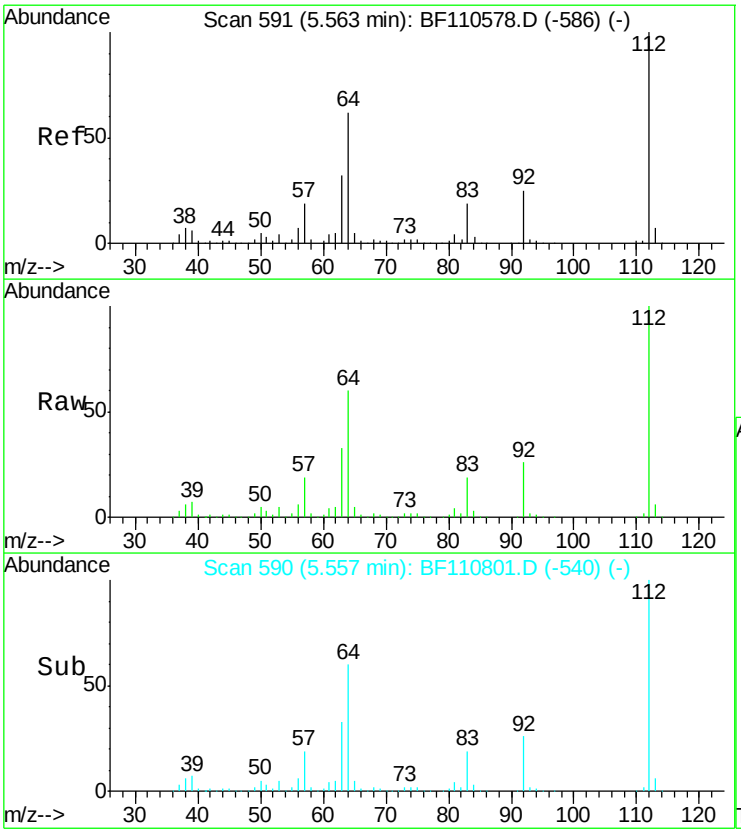
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:152 Resp: 60353

Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	60.5	49.1	73.7

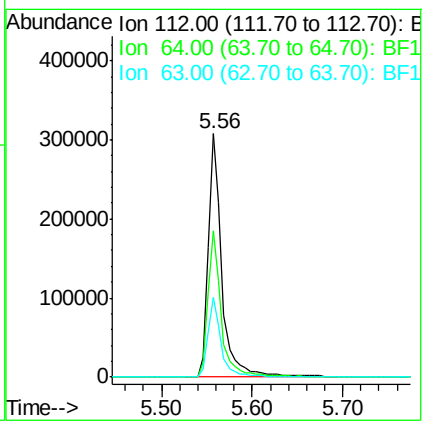


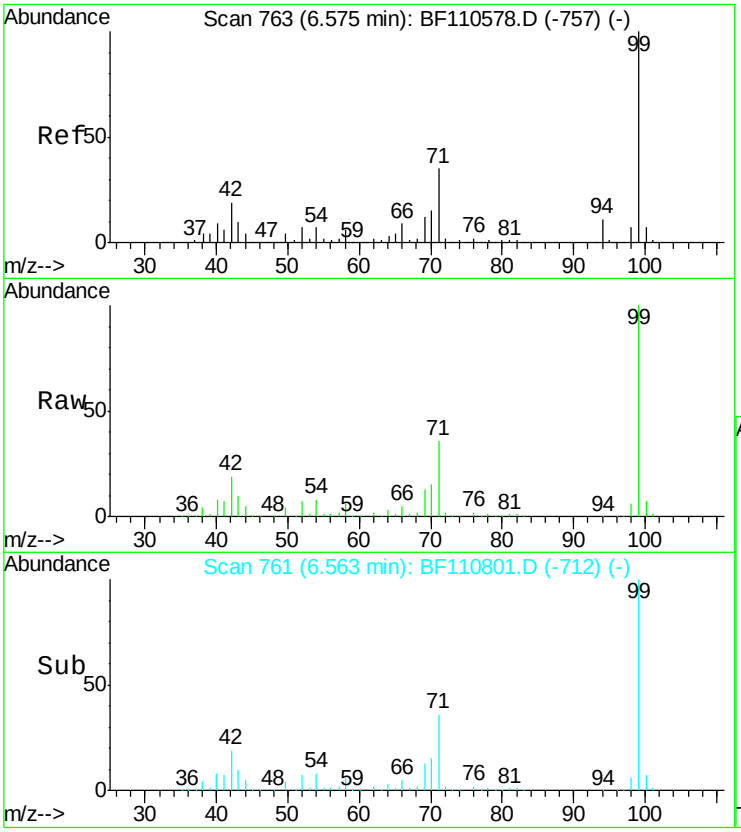


#5
2-Fluorophenol
Concen: 88.150 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:112 Resp: 327529

Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	32.5	23.7	35.5



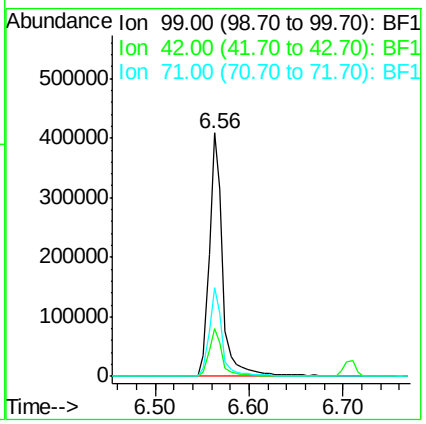


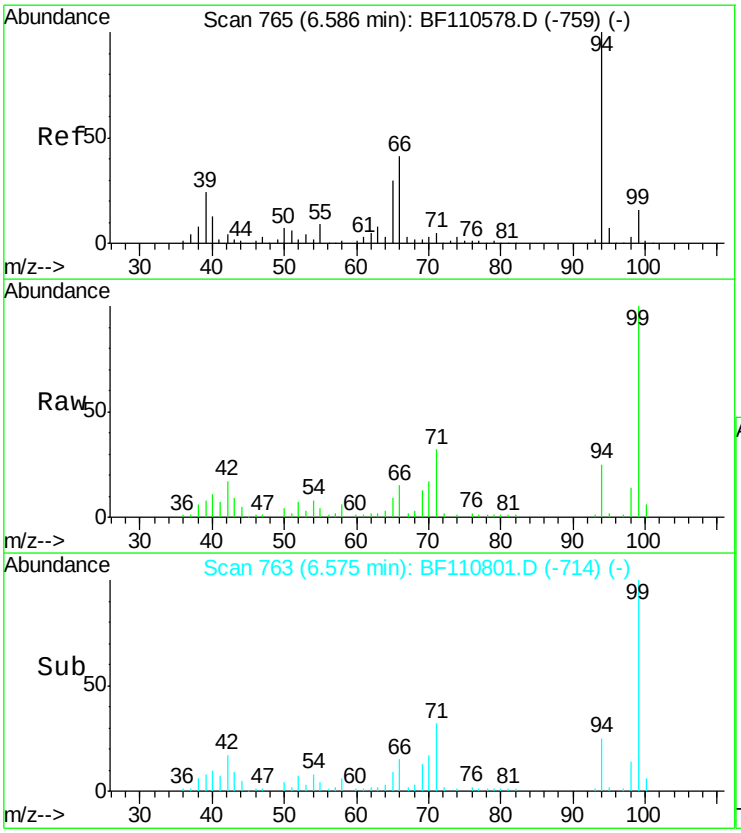
#7
Phenol-d6
Concen: 87.011 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion: 99 Resp: 413420

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.2	28.0	42.0

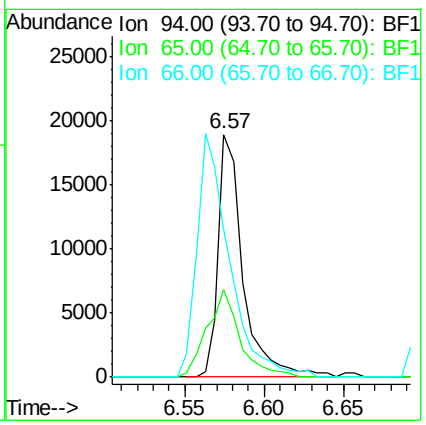


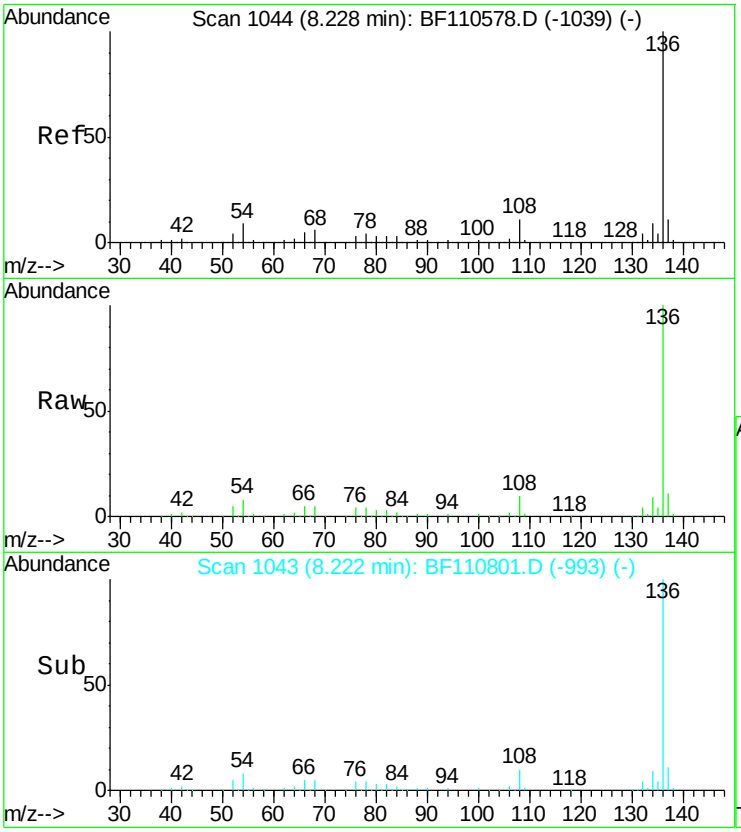


#10
Phenol
Concen: 3.705 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion: 94 Resp: 20413

Ion	Ratio	Lower	Upper
94	100		
65	36.3	25.3	65.3
66	61.1	54.5	94.5



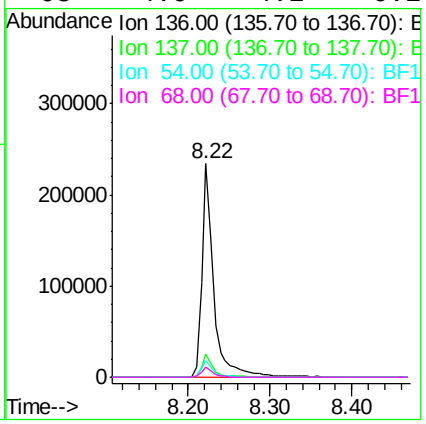


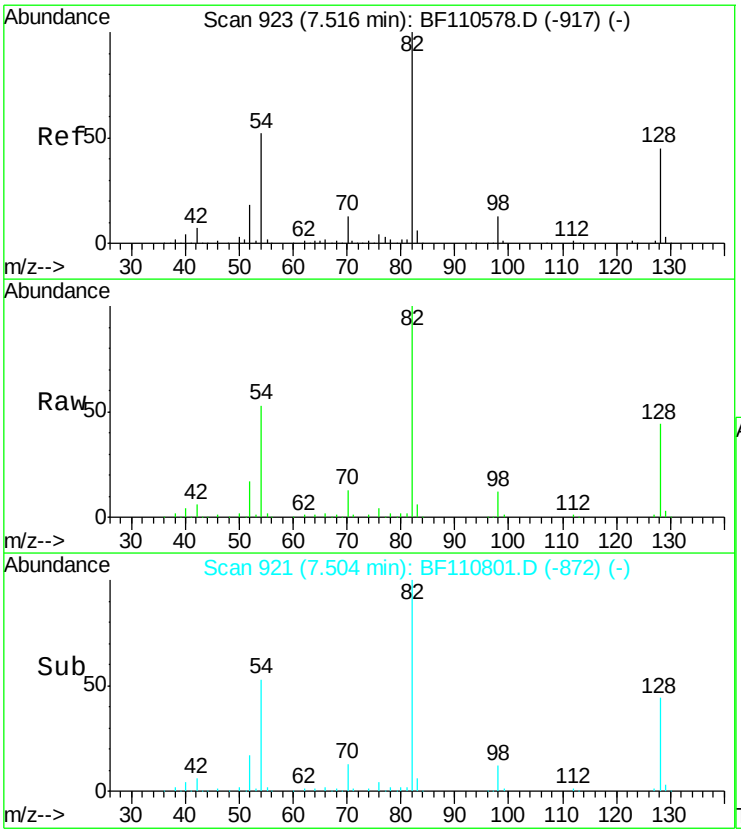
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:136 Resp: 238027

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2

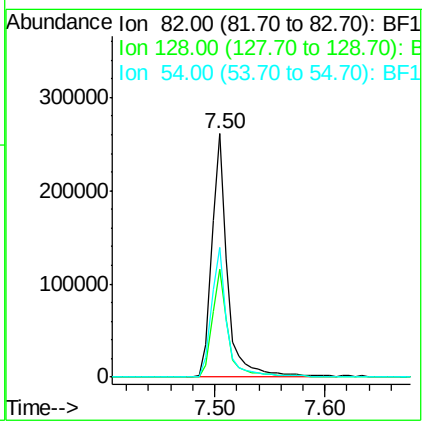


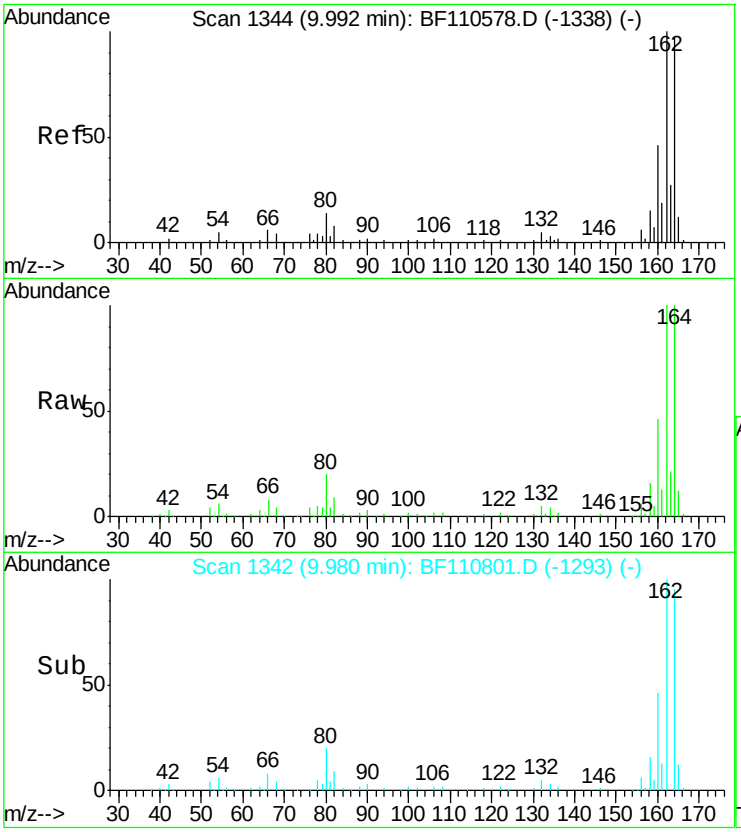


#23
Nitrobenzene-d5
Concen: 61.607 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion: 82 Resp: 254631

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.1	38.6	58.0



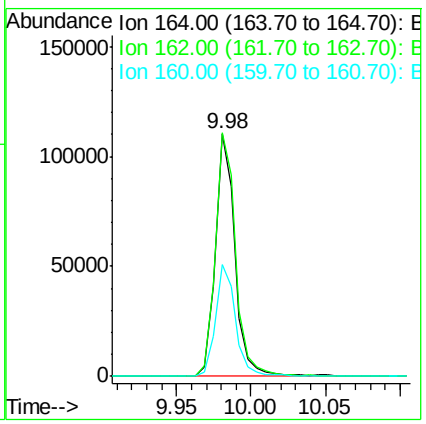


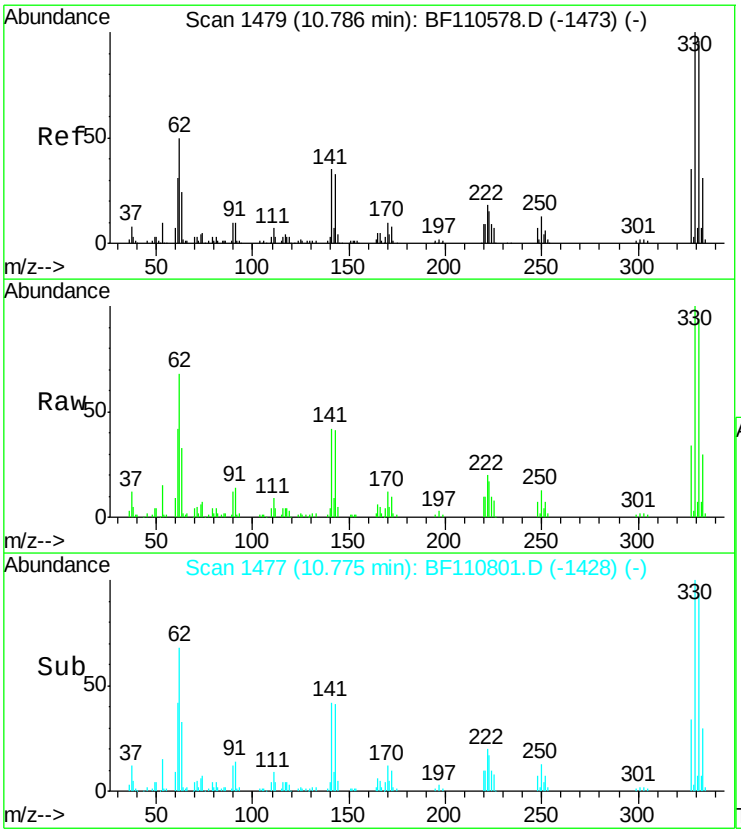
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:164 Resp: 101164

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.0	124.6
160	45.8	37.0	55.6

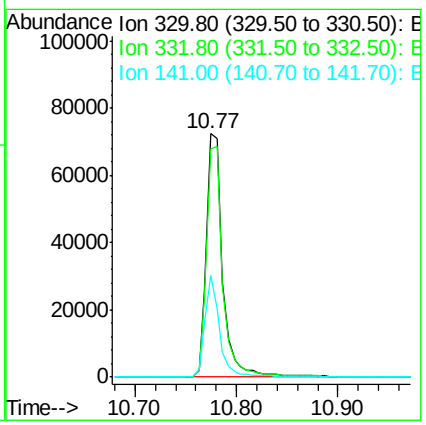


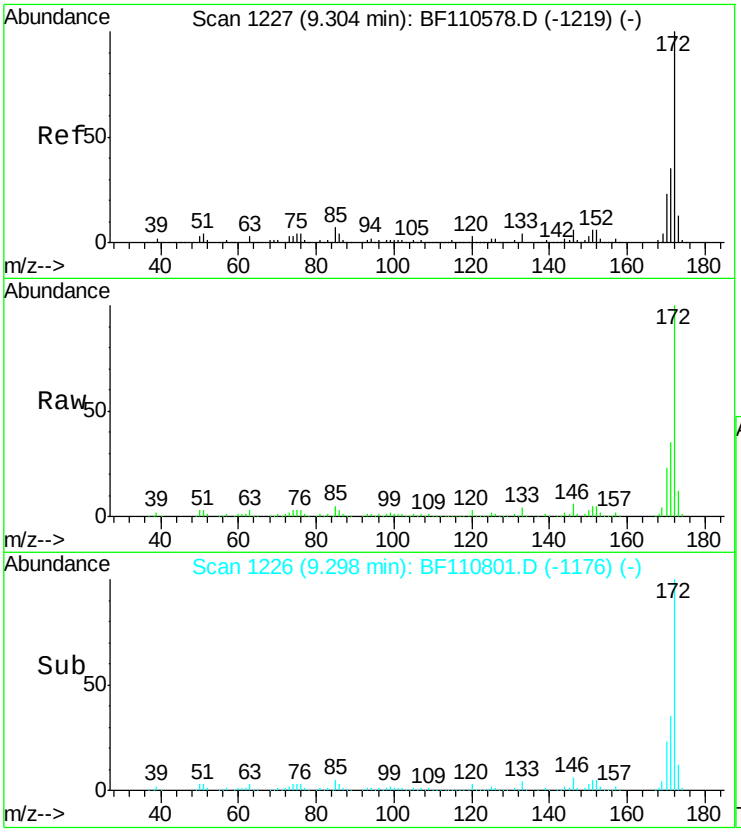


#42
2,4,6-Tribromophenol
Concen: 79.778 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:330 Resp: 81322

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	37.3	27.0	40.4



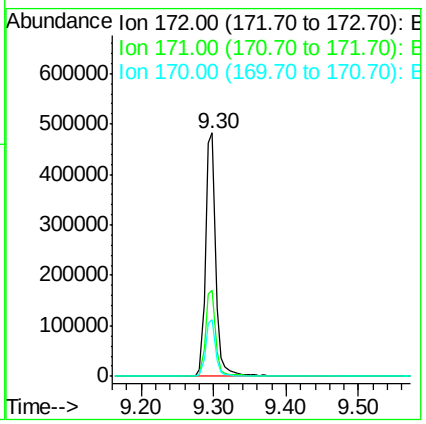


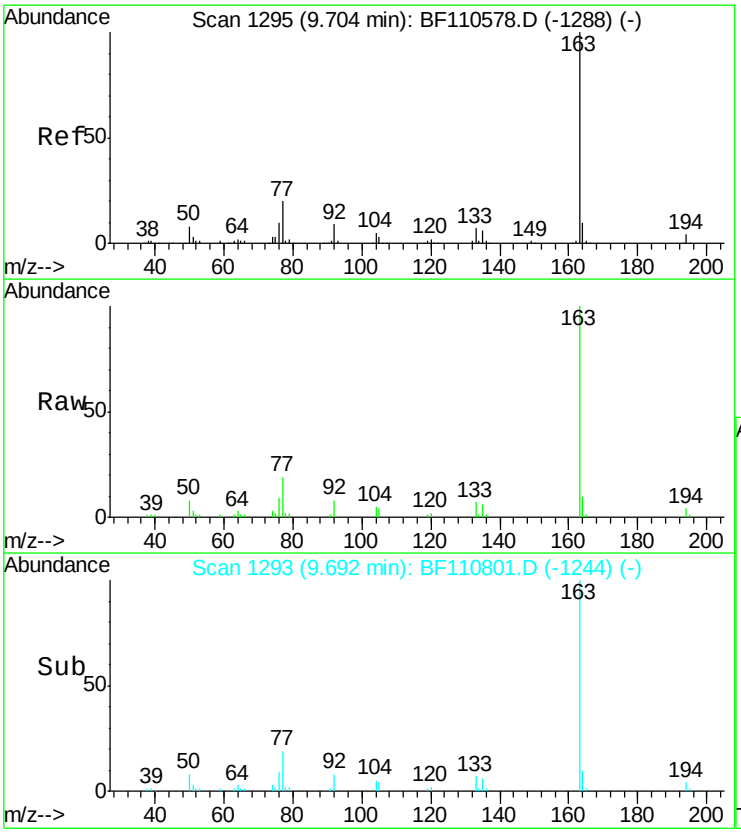
#45
2-Fluorobiphenyl
Concen: 67.365 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:172 Resp: 477174

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.5	19.7	29.5

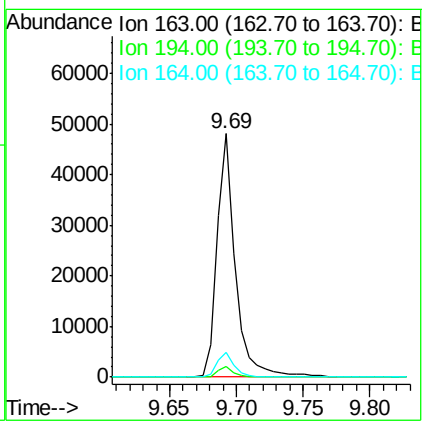


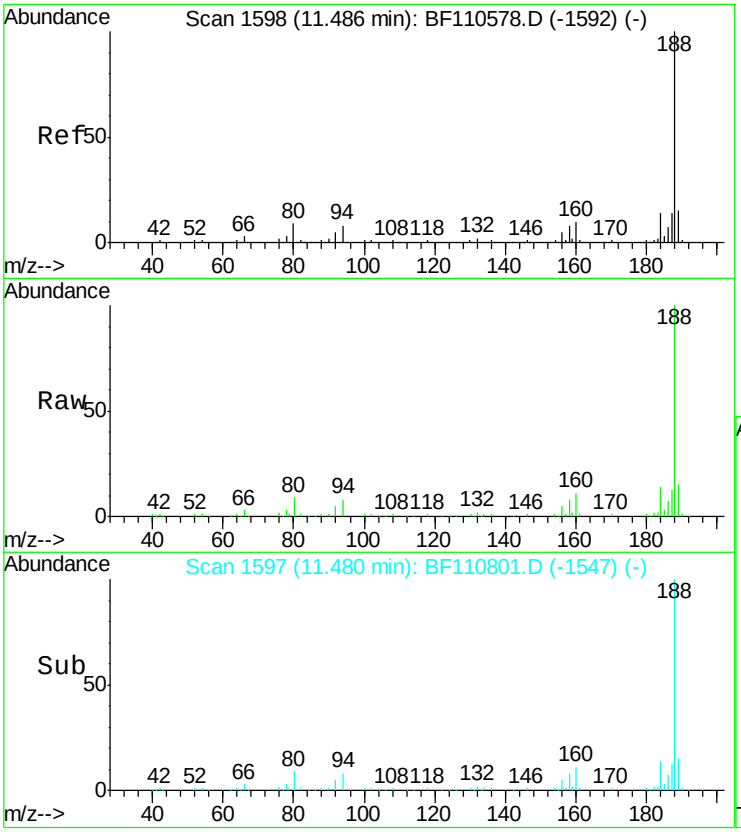


#50
Dimethylphthalate
Concen: 6.198 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:163 Resp: 46785

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.0	8.1	12.1



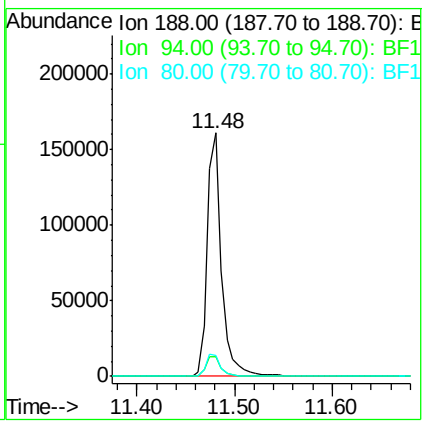


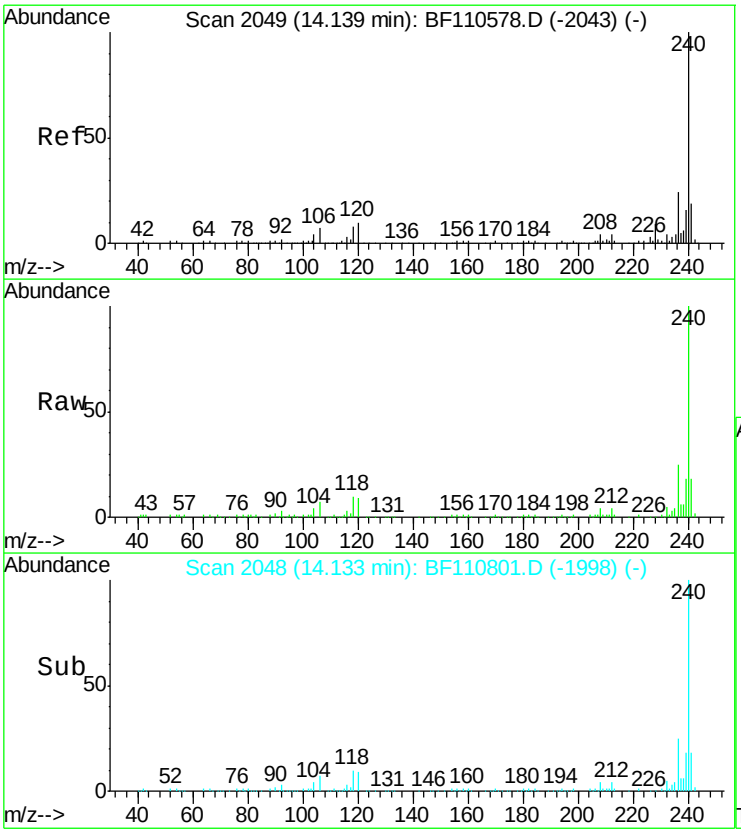
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:188 Resp: 163872

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.7	7.9	11.9

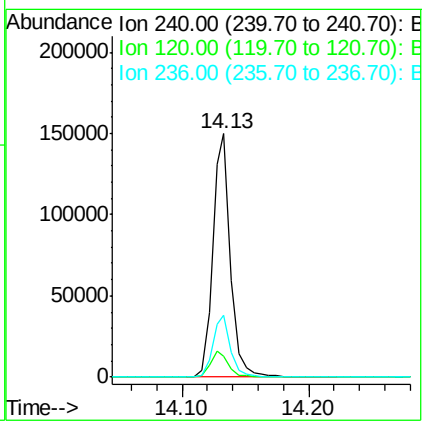


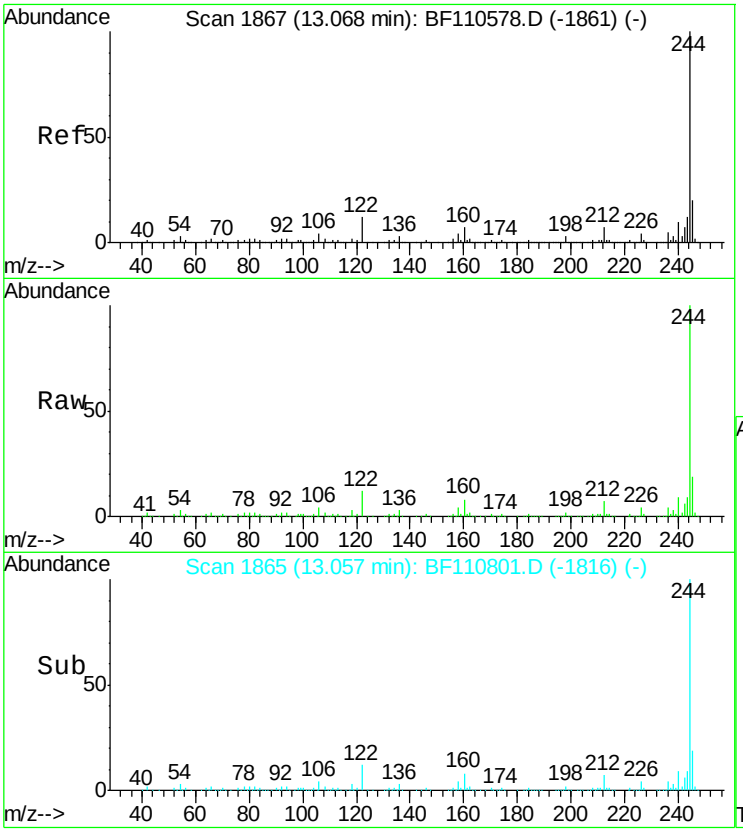


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:240 Resp: 146153

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.3	12.5
236	25.3	21.2	31.8



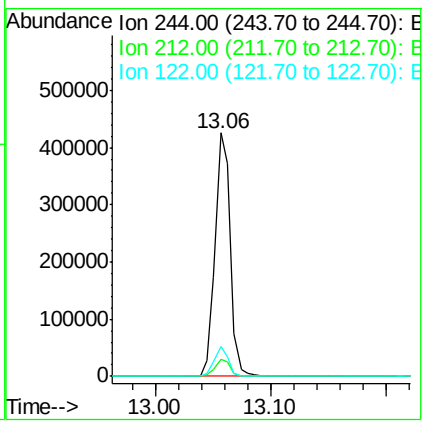


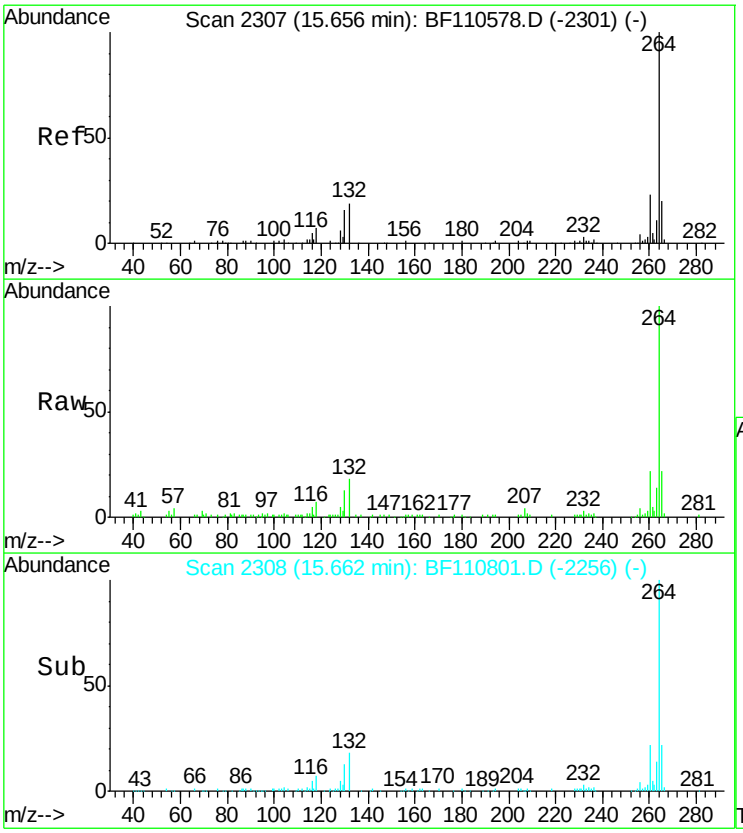
#79
Terphenyl-d14
Concen: 49.778 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :
VW-F2

Tgt Ion:244 Resp: 388472

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:264 Resp: 104431

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.8	16.7	25.1