Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112460.D
Acq On : 8 Feb 2019 15:30
Operator : JU/SJ
Sample : K1409-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(0-2)

Quant Time: Feb 09 05:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145357	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	561452	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	261939	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	459309	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	285539	20.00	ng	0.00
87) Perylene-d12	15.50	264	295949	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1054187	154.05	ng	0.00
7) Phenol-d6	6.49	99	1309715	137.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	839801	86.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	376865	123.61	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1338217	72.26	ng	-0.02
79) Terphenyl-d14	12.94	244	1000139	65.97	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.50	94	34157	3.274	ng	81
50) Dimethylphthalate	9.58	163	129178	6.347	ng	98
92) Benzo(g,h,i)perylene	17.45	276	26485	2.187	ng #	77

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

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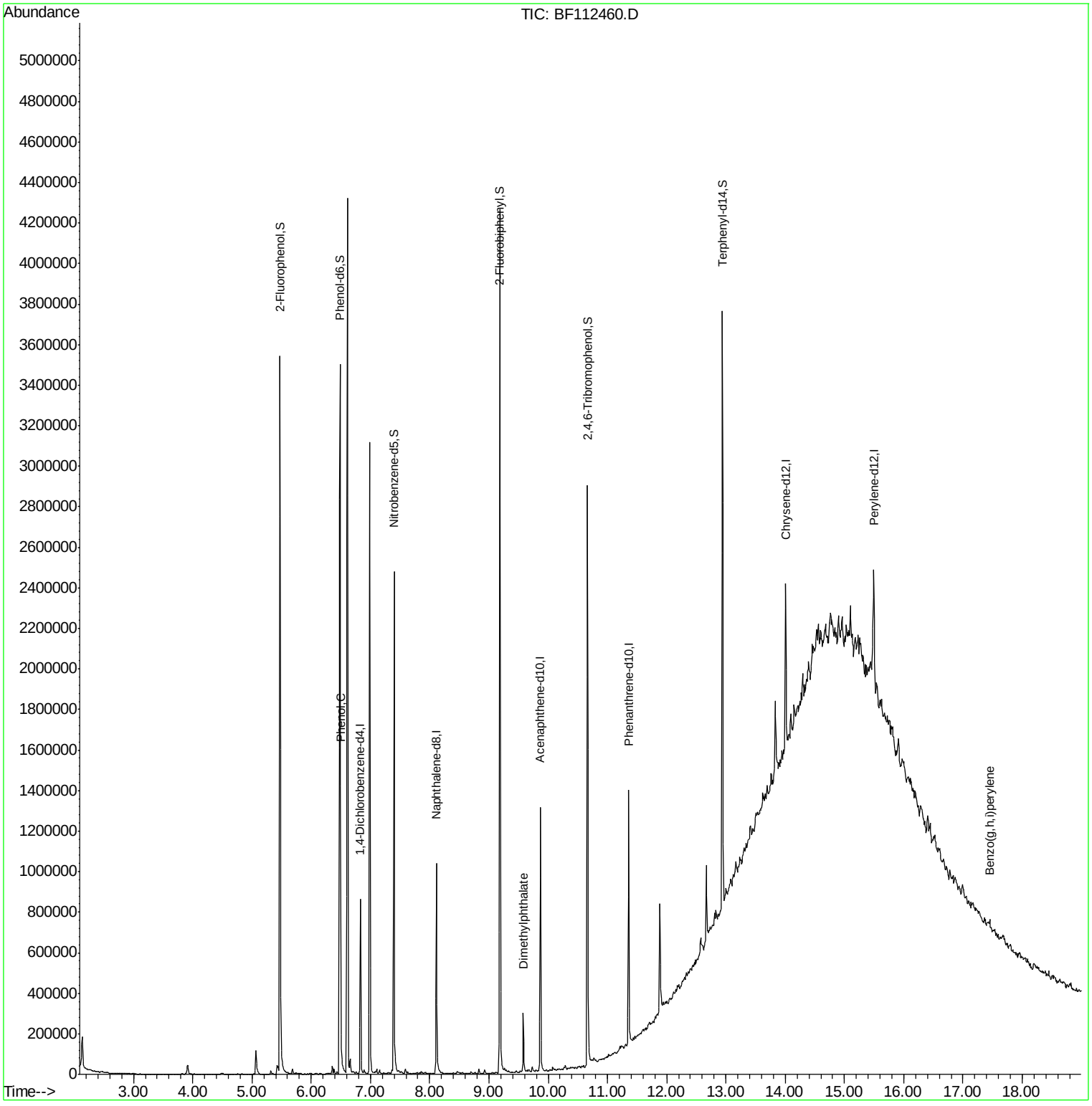
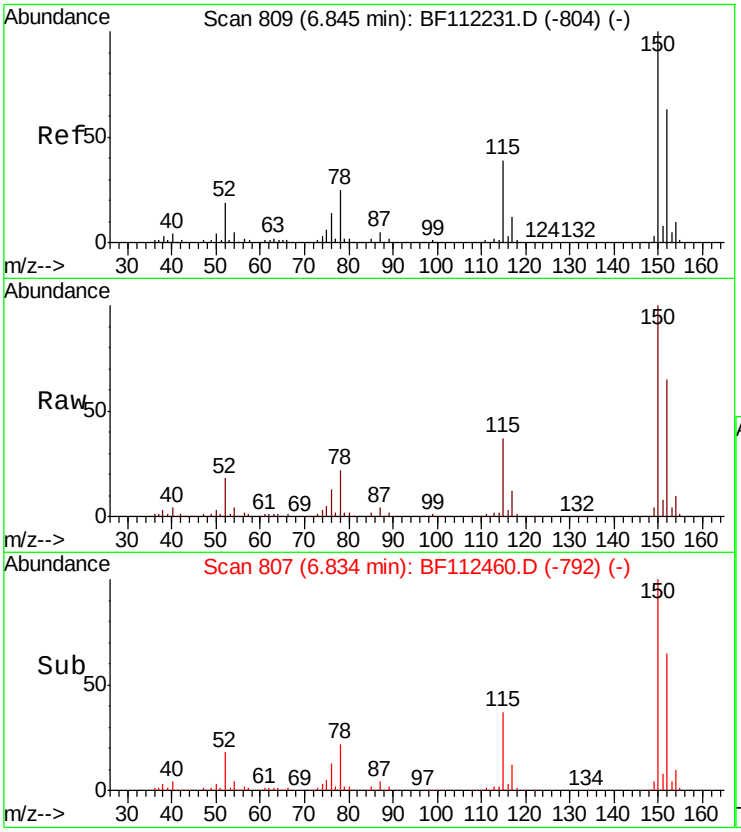


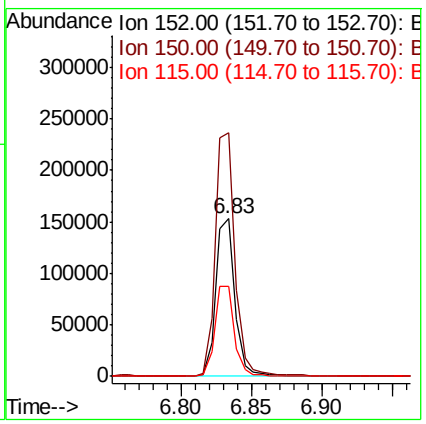


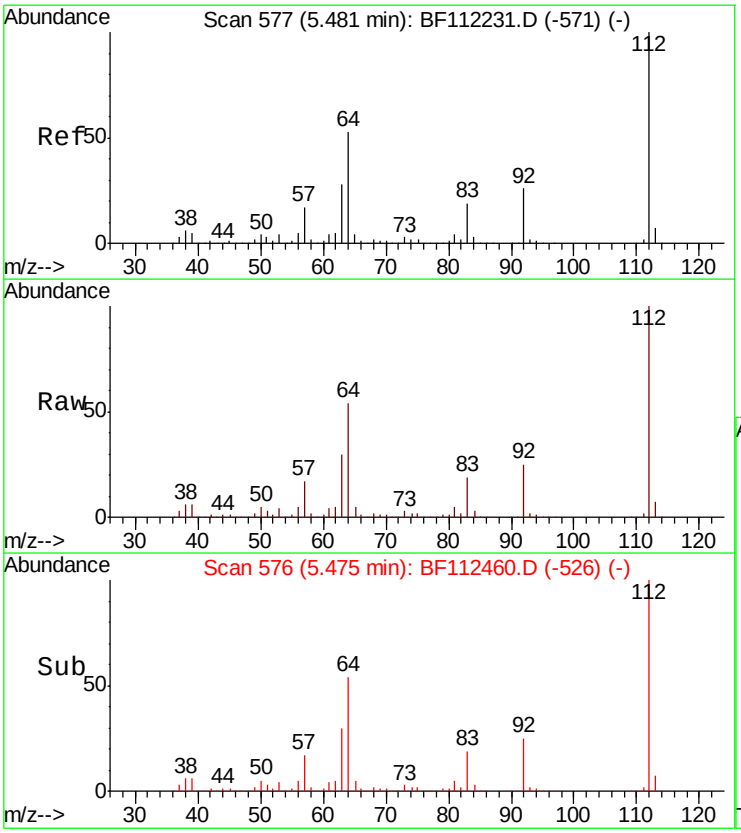
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:152 Resp: 145357

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	57.5	45.5	68.3

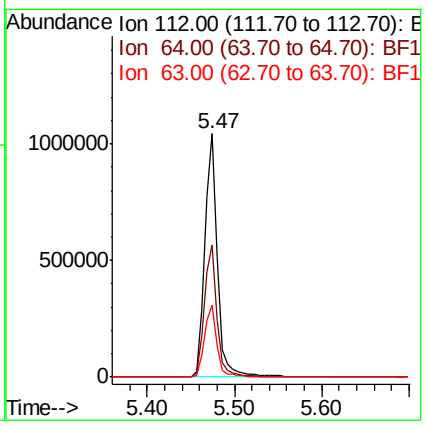


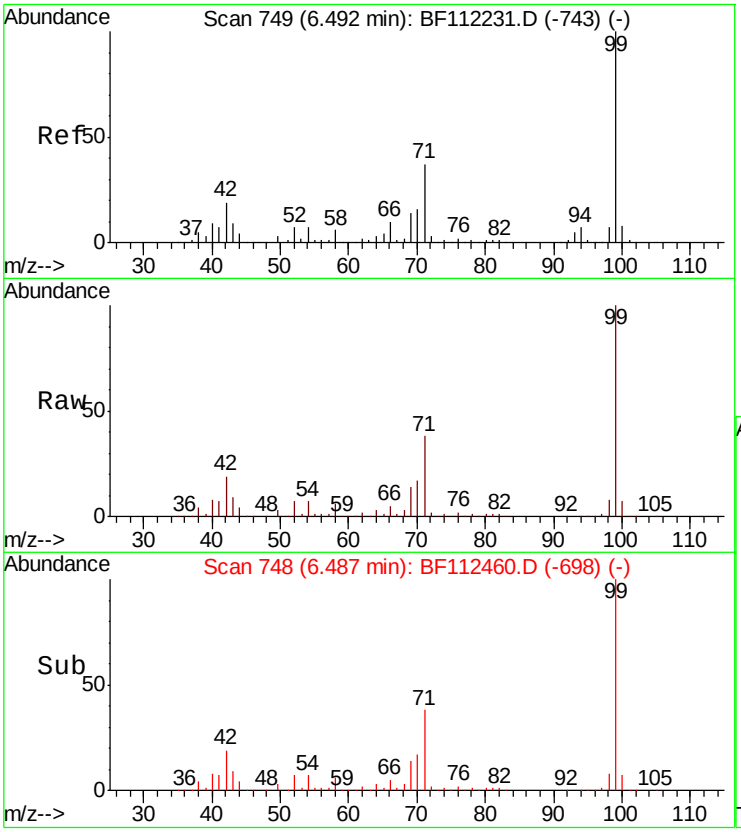


#5
2-Fluorophenol
Concen: 154.046 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:112 Resp: 1054187

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.6	23.6	35.4



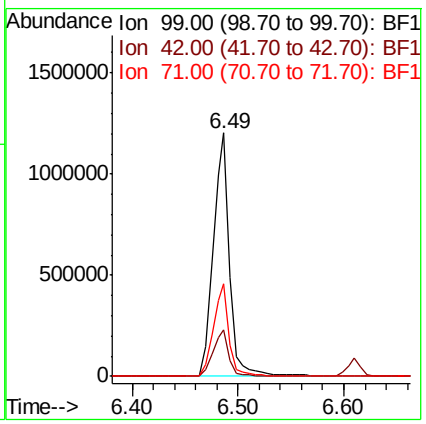


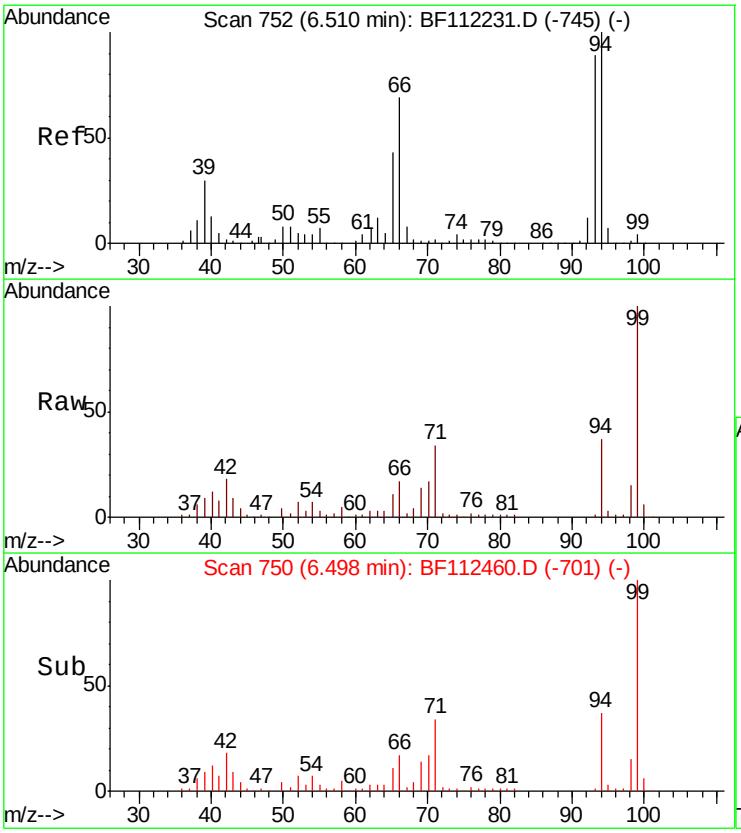
#7
Phenol-d6
Concen: 137.732 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion: 99 Resp: 1309715

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.9	26.9	40.3

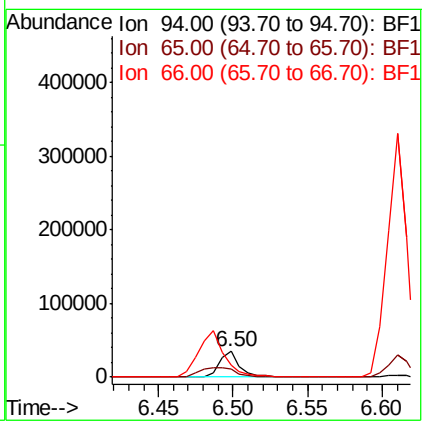


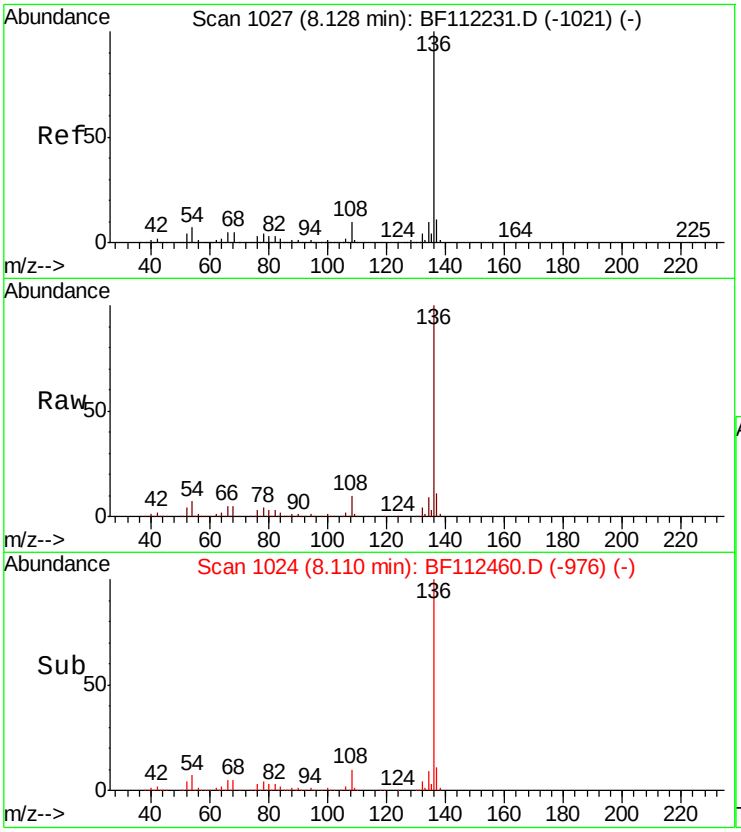


#10
Phenol
Concen: 3.274 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion: 94 Resp: 34157

Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.3	60.3
66	46.6	42.4	82.4



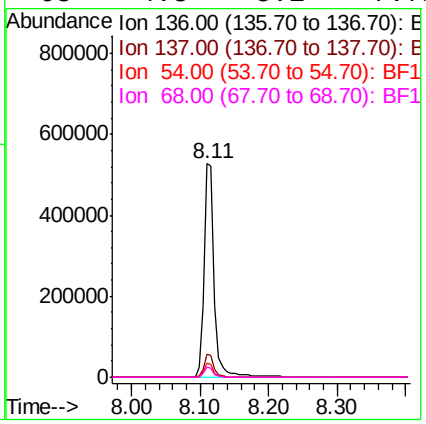


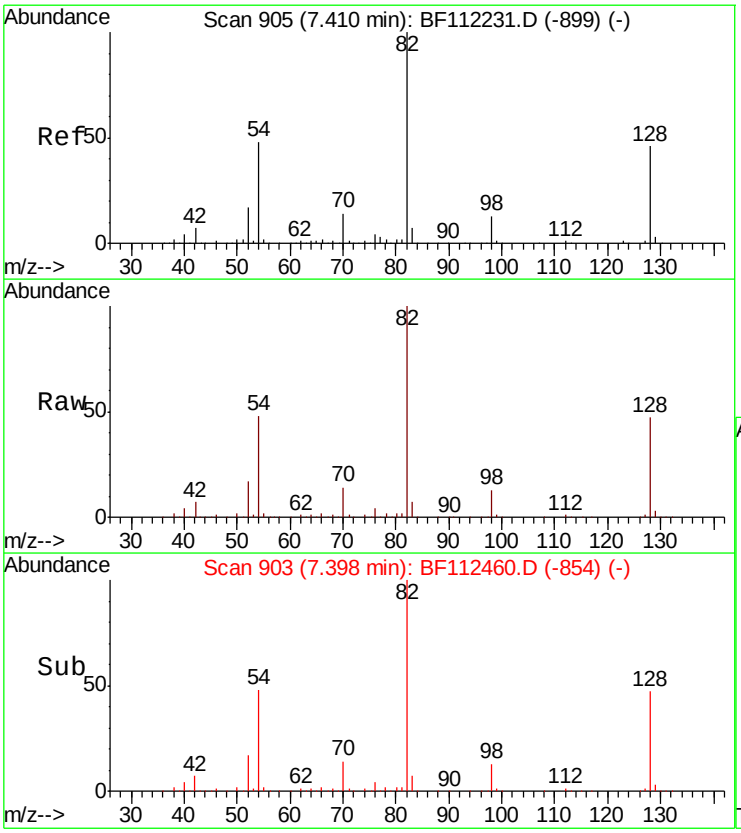
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:136 Resp: 561452

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.7	5.9	8.9
68	4.8	5.1	7.7#

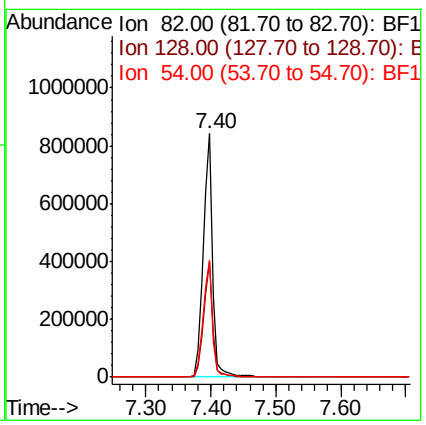


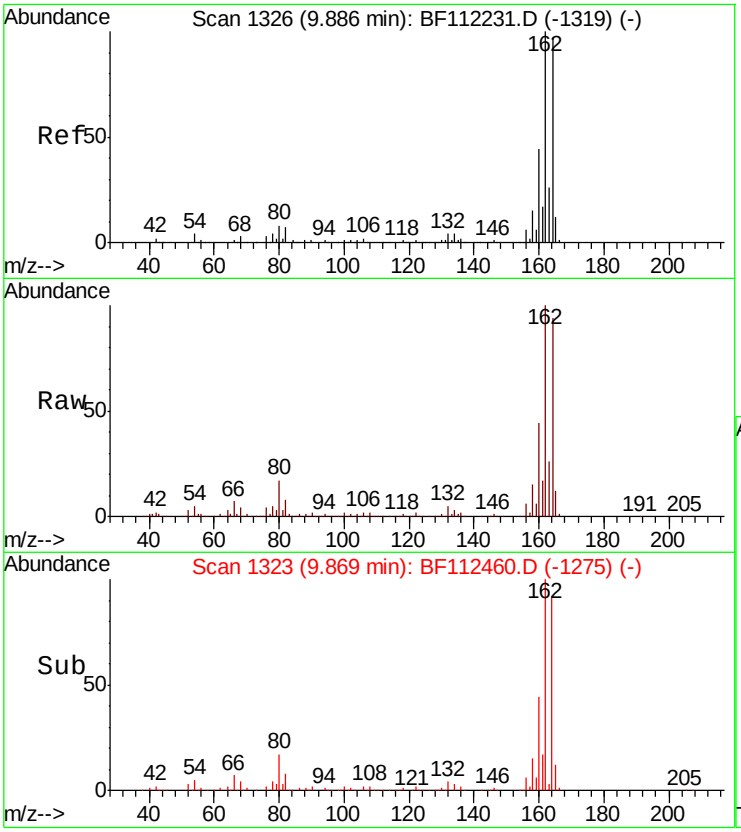


#23
Nitrobenzene-d5
Concen: 86.186 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion: 82 Resp: 839801

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	48.3	39.7	59.5



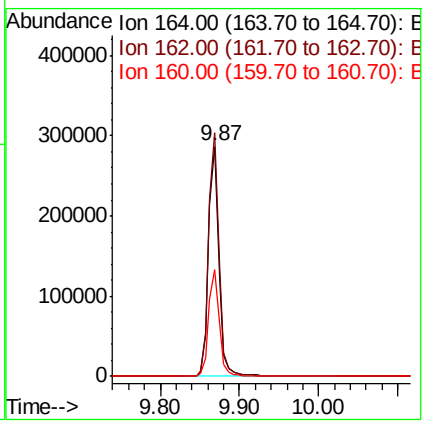


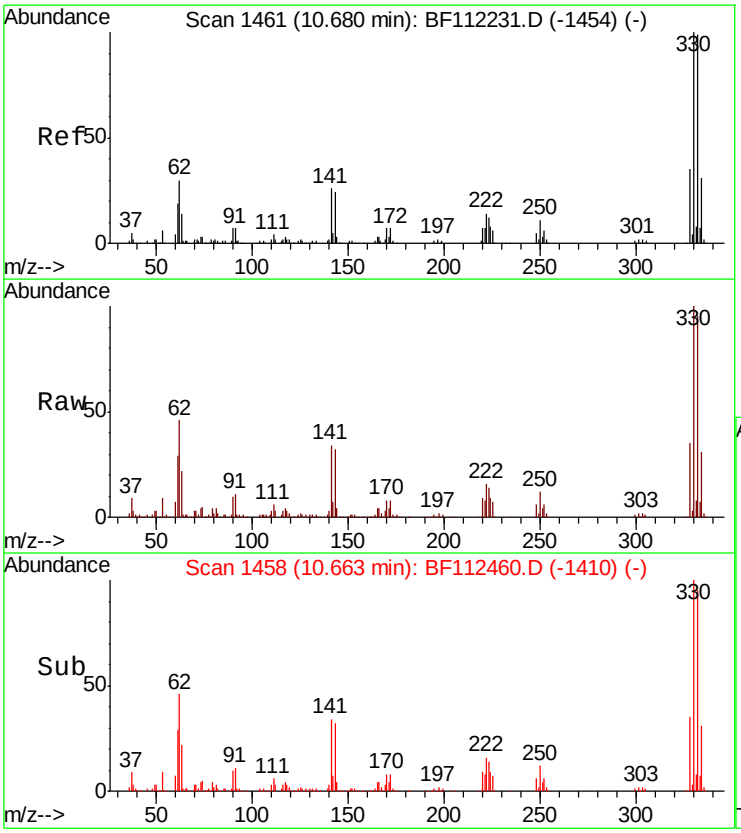
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:164 Resp: 261939

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.2	123.4
160	46.6	36.2	54.4

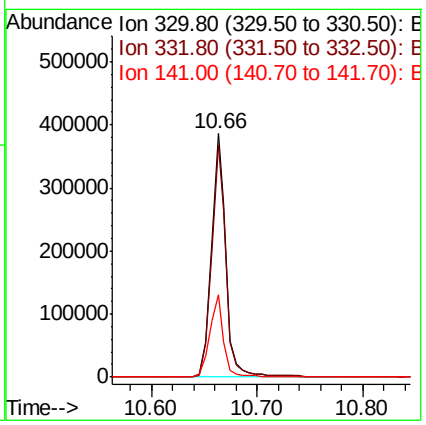


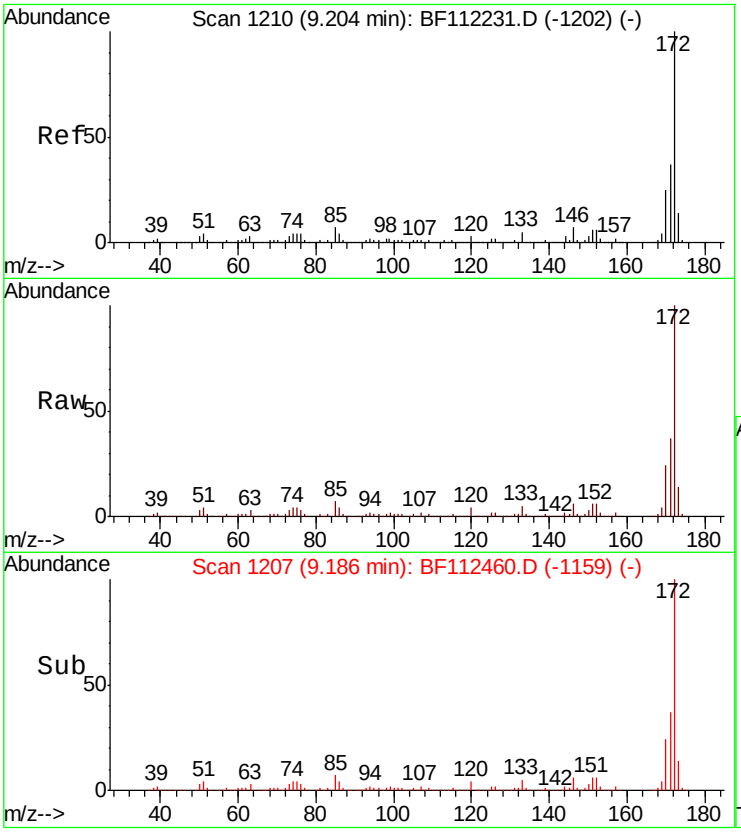


#42
2,4,6-Tribromophenol
Concen: 123.607 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:330 Resp: 376865

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	32.1	24.3	36.5

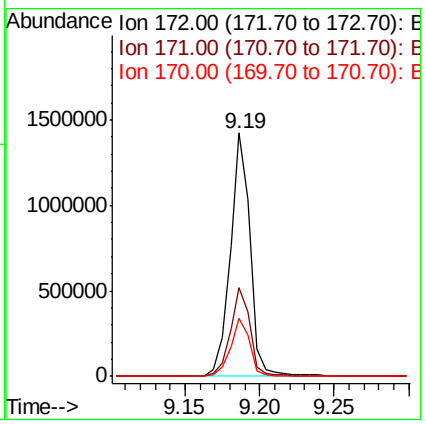




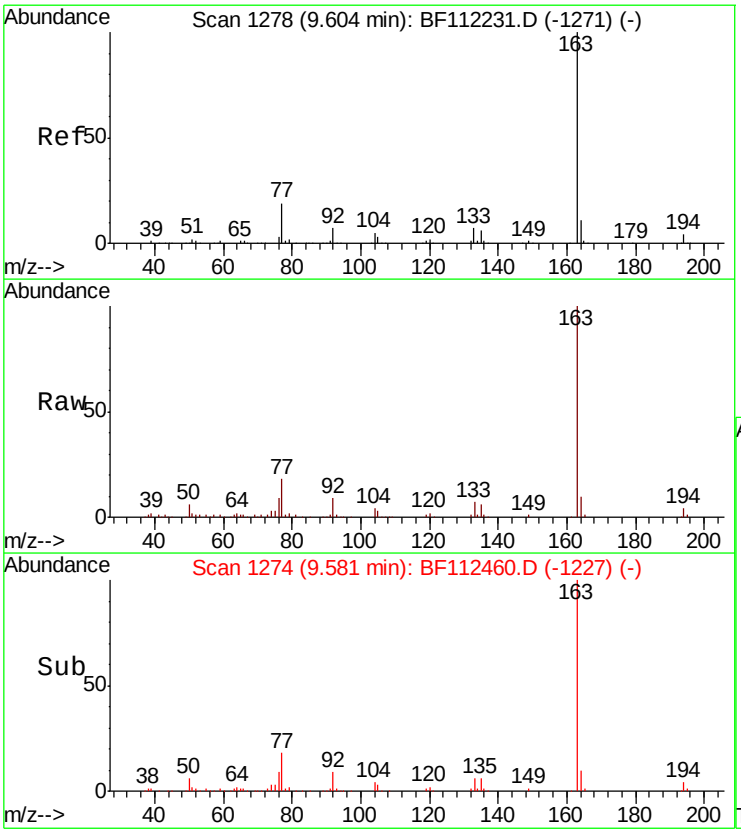
#45
2-Fluorobiphenyl
Concen: 72.257 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:172 Resp: 1338217

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.1	20.2	30.4



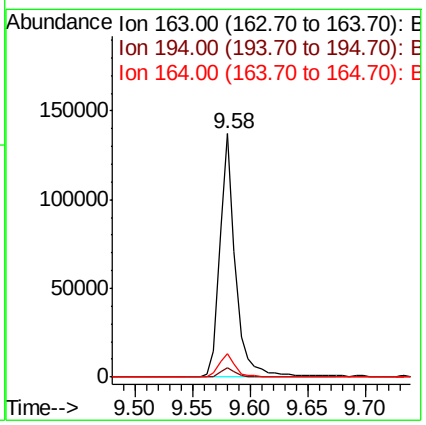
Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

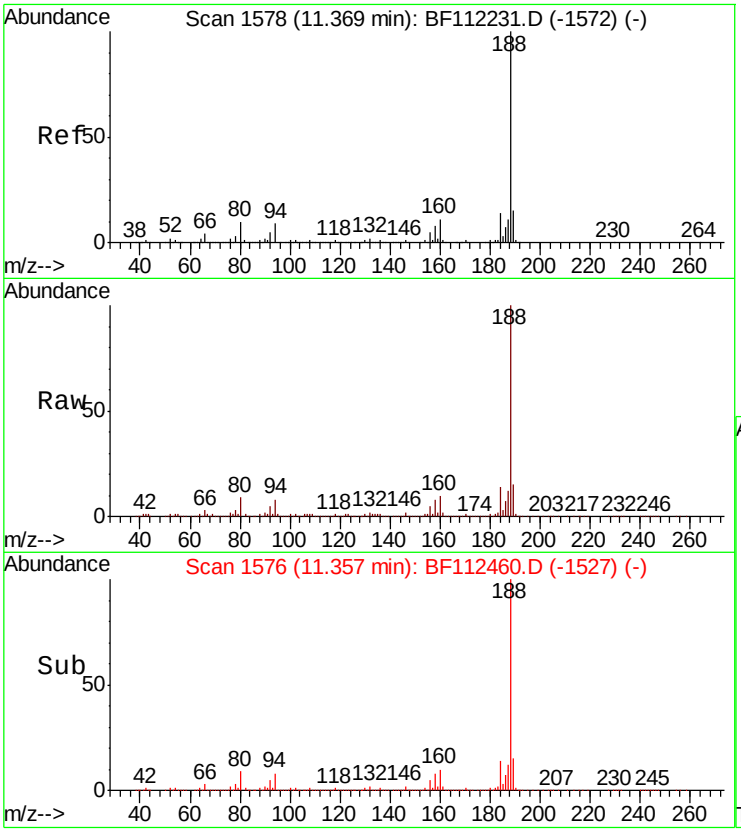


#50
Dimethylphthalate
Concen: 6.347 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:163 Resp: 129178

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.5	12.7



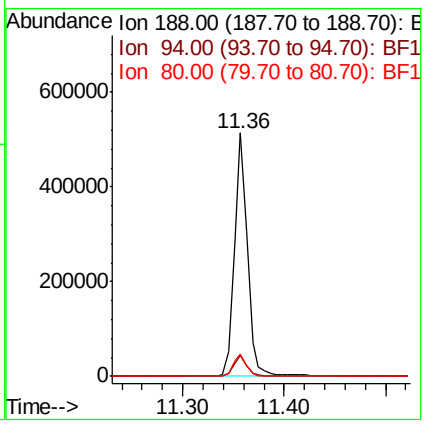


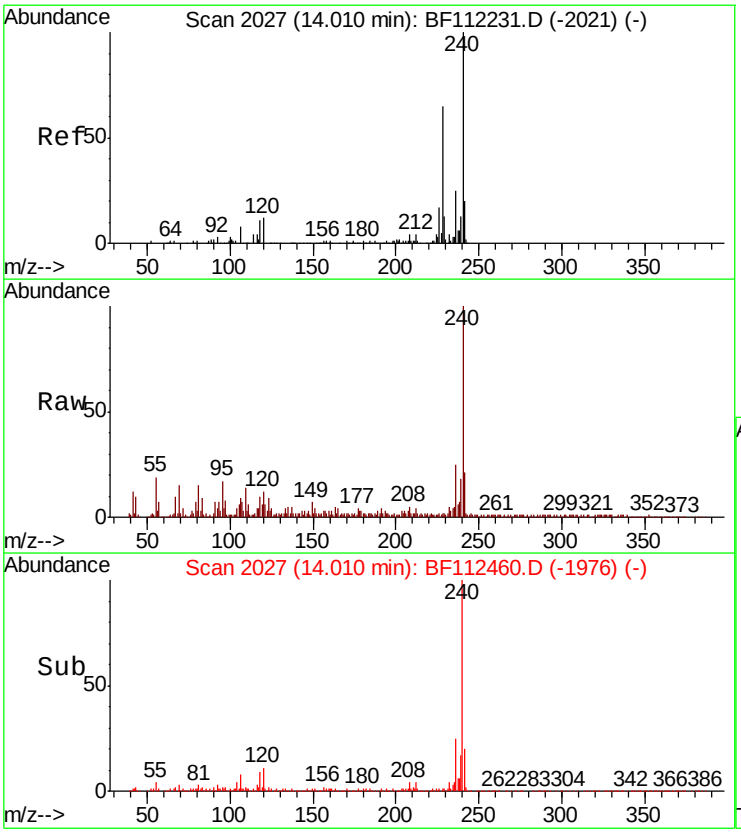
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:188 Resp: 459309

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.3	8.9	13.3

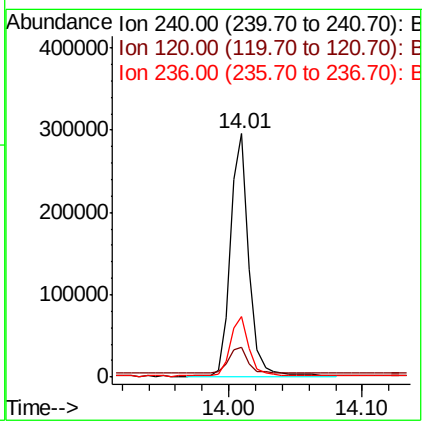


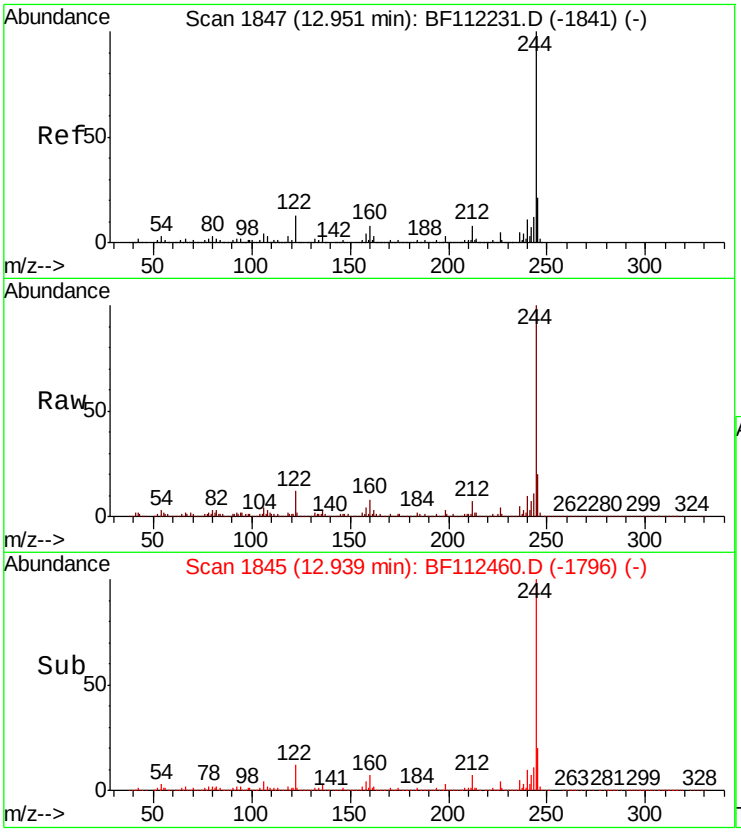


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:240 Resp: 285539

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.0	20.7	31.1



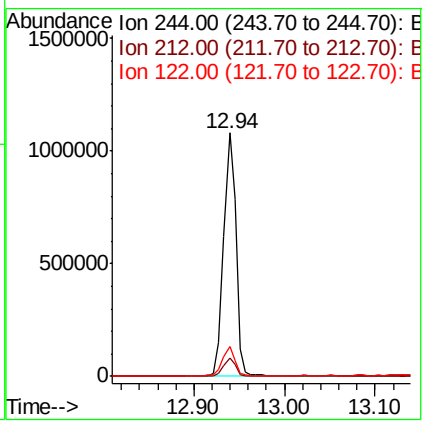


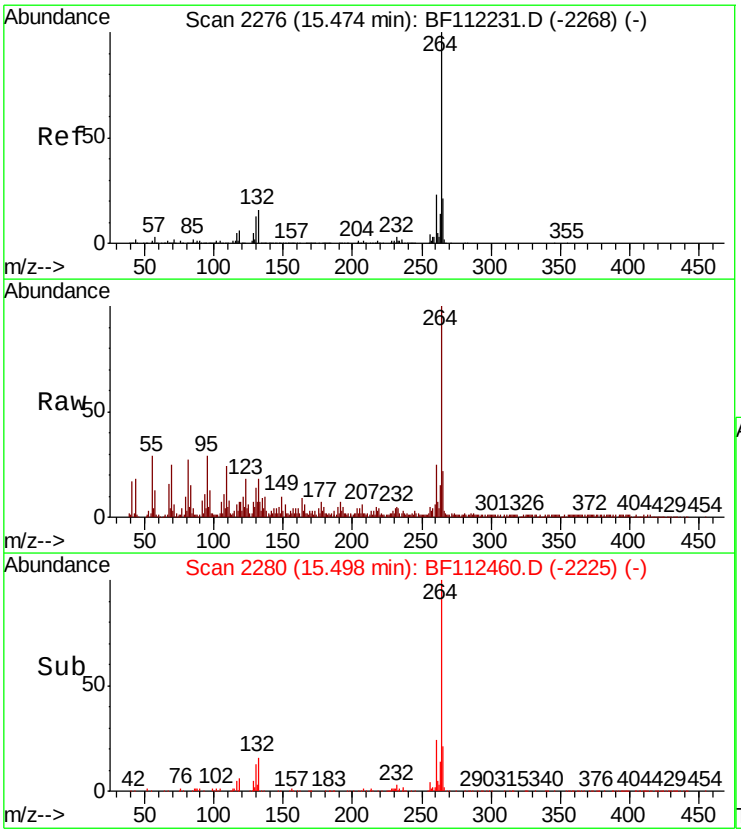
#79
Terphenyl-d14
Concen: 65.970 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:244 Resp: 1000139

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.0	9.8	14.6

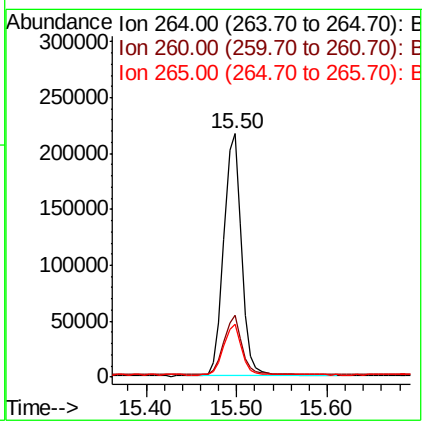


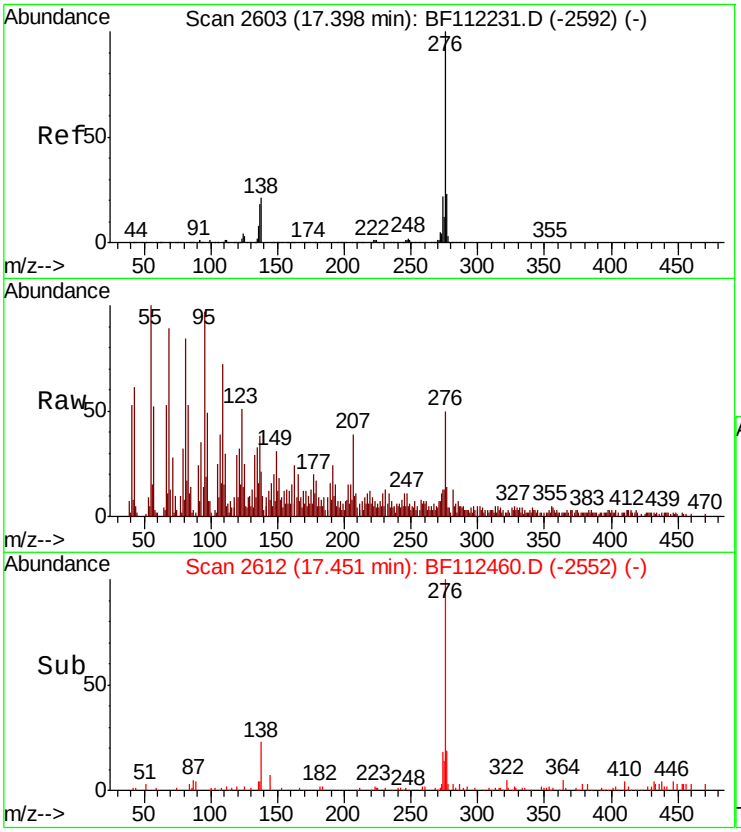


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:264 Resp: 295949

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.2
265	21.5	17.0	25.4





#92
Benzo(g,h,i)perylene
Concen: 2.187 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.05 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tgt Ion:276 Resp: 26485

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.4	29.0
138	42.0	19.1	28.7#