Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
Sample : K1088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-04(15-20)

Quant Time: Jan 11 22:43:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	103023	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	346542	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	144297	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	224575	20.00	ng		0.02
76) Chrysene-d12	14.10	240	218713	20.00	ng		0.05
87) Perylene-d12	15.60	264	183587	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	755454	125.45	ng		0.00
7) Phenol-d6	6.52	99	970678	125.06	ng		0.00
23) Nitrobenzene-d5	7.43	82	583147	89.94	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	212277	113.10	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	944185	95.42	ng		0.00
79) Terphenyl-d14	13.03	244	859979	74.64	ng		0.04
Target Compounds							Qvalue
10) Phenol	6.53	94	46066	5.461	ng		85
50) Dimethylphthalate	9.62	163	131033	12.088	ng	#	96
52) Acenaphthene	9.95	154	205914	22.806	ng		93
55) Dibenzofuran	10.12	168	80203	6.108	ng	#	80
58) Fluorene	10.47	166	235960	24.696	ng	#	92
71) Phenanthrene	11.45	178	535394	44.591	ng	#	93
72) Anthracene	11.50	178	80629	6.615	ng	#	66
75) Fluoranthene	12.66	202	259754	21.073	ng		85
78) Pyrene	12.89	202	202396	13.449	ng	#	87
83) Chrysene	14.12	228	90141	7.511	ng	#	33
84) Bis(2-ethylhexyl)phthalate	14.06	149	183545	21.967	ng	#	78

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112016.D
Acq On : 11 Jan 2019 15:40
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Quant Time: Jan 11 22:43:10 2019
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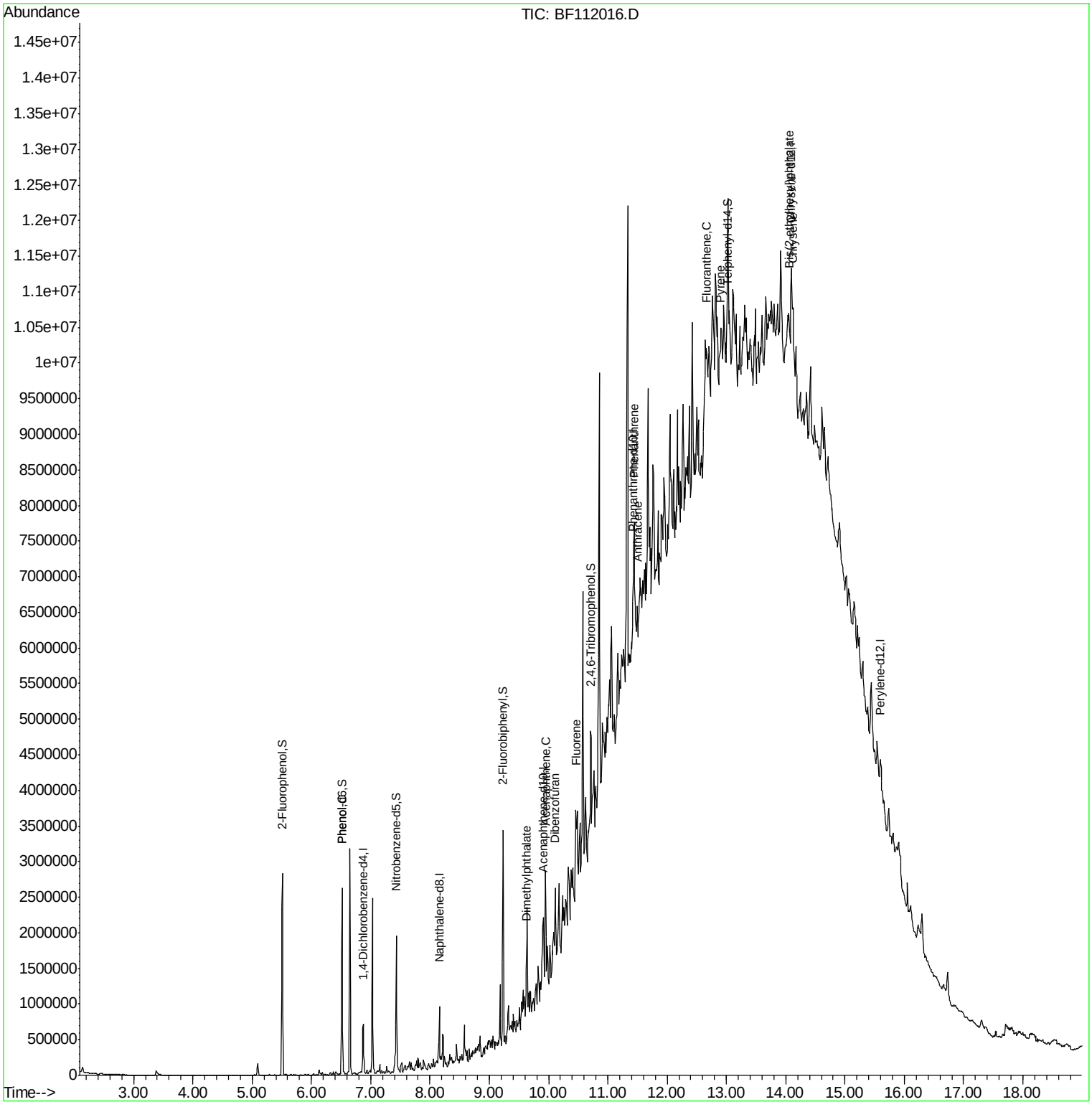
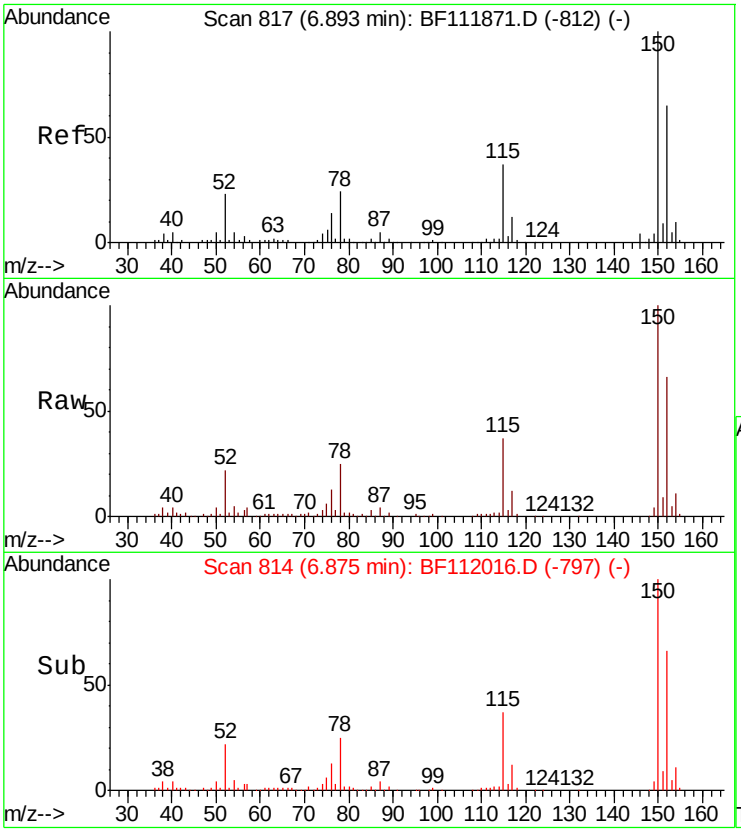
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



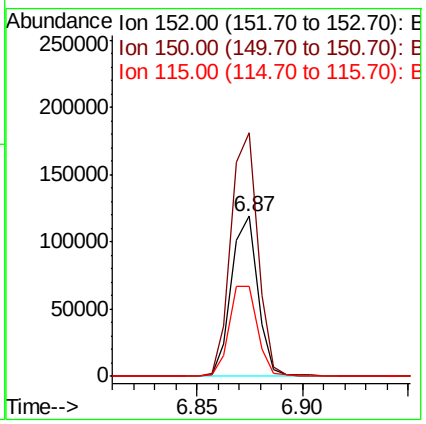


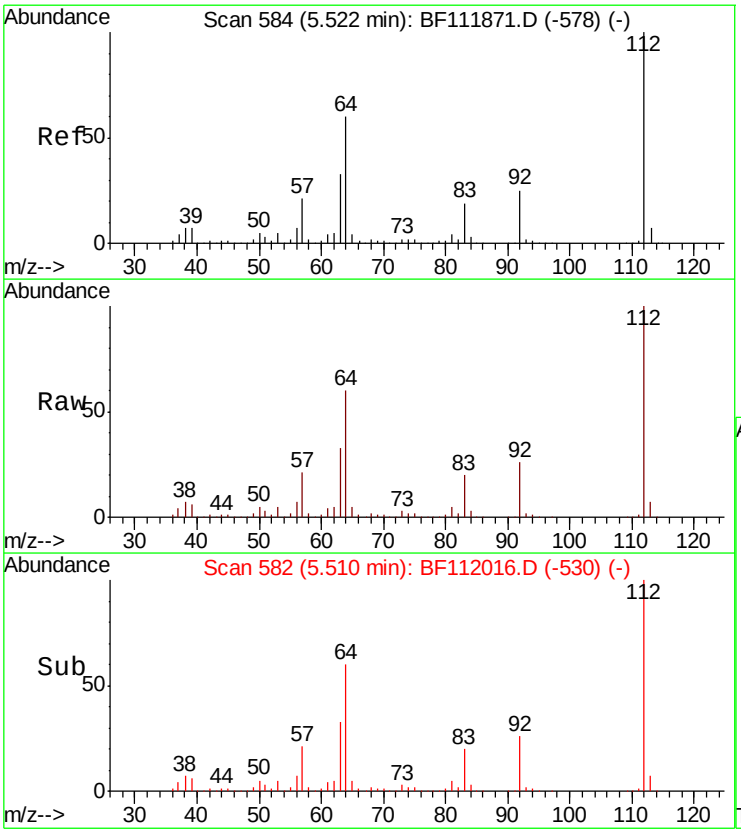
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:152 Resp: 103023

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.7	184.1
115	56.6	45.2	67.8

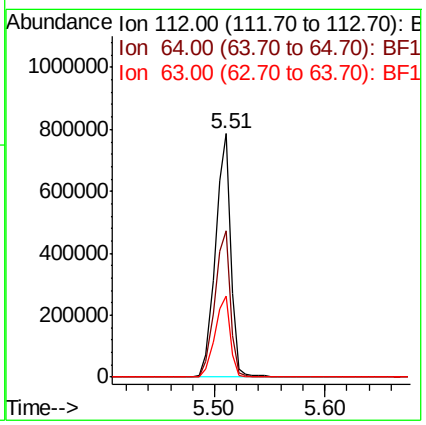


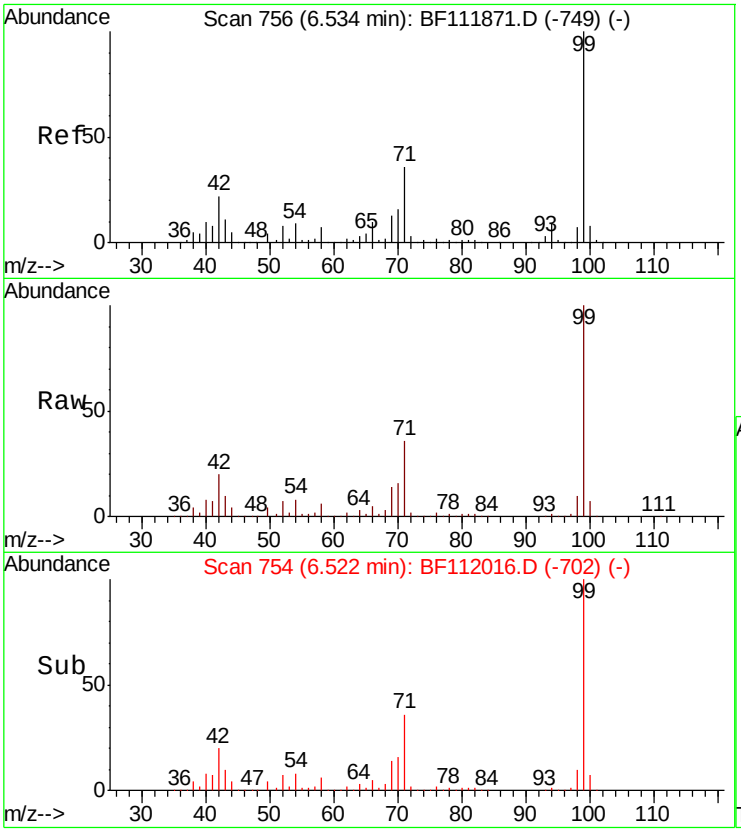


#5
2-Fluorophenol
Concen: 125.452 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:112 Resp: 755454

Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.3	72.5
63	33.5	26.1	39.1



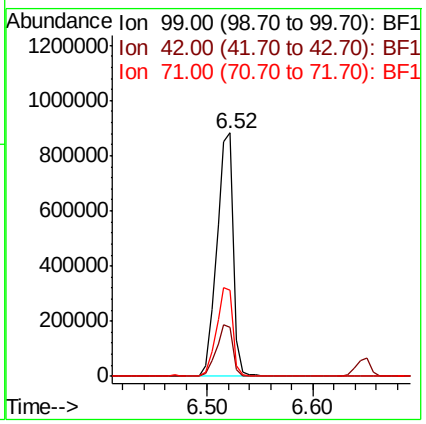


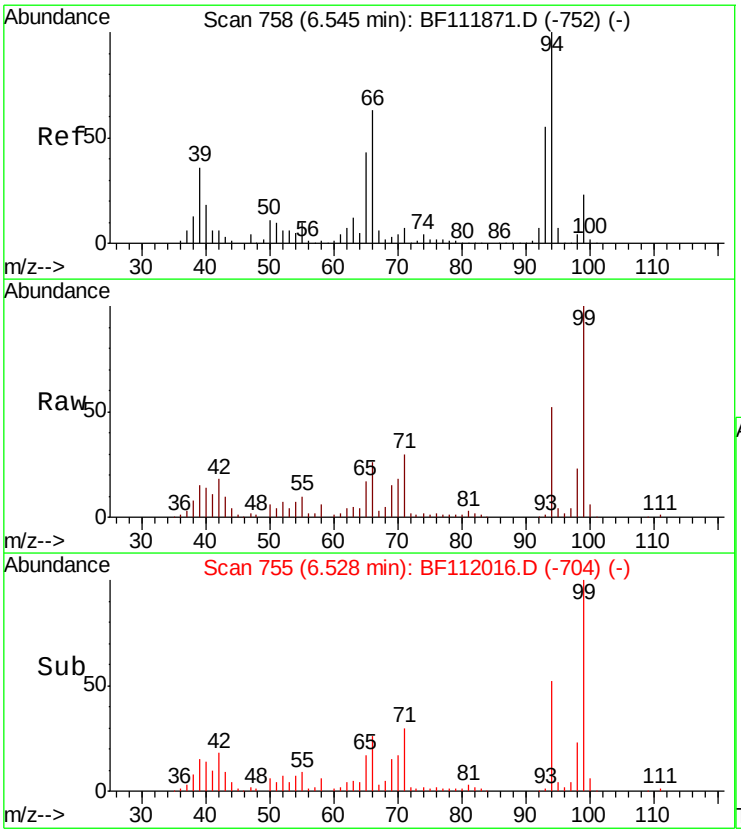
#7
Phenol-d6
Concen: 125.064 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion: 99 Resp: 970678

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.9	26.9
71	35.6	28.7	43.1

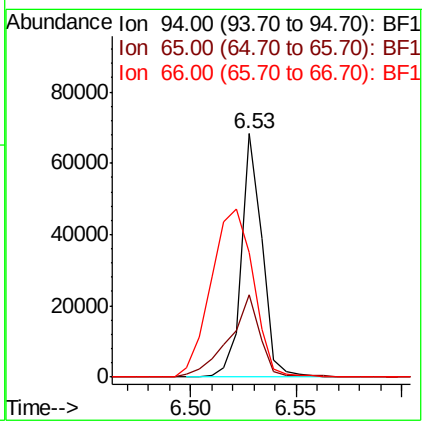


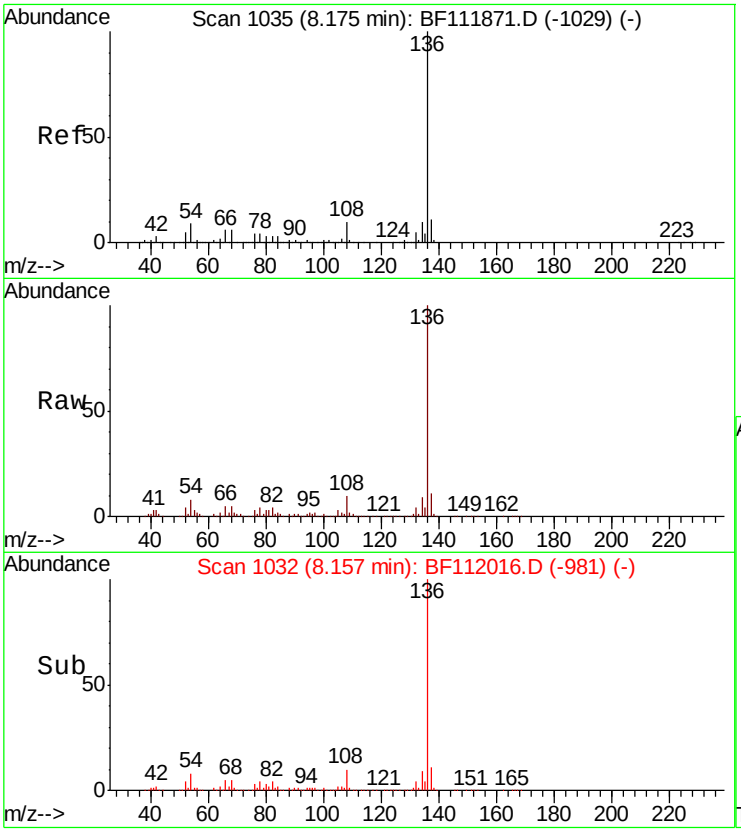


#10
Phenol
Concen: 5.461 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion: 94 Resp: 46066

Ion	Ratio	Lower	Upper
94	100		
65	33.7	22.8	62.8
66	50.9	43.3	83.3



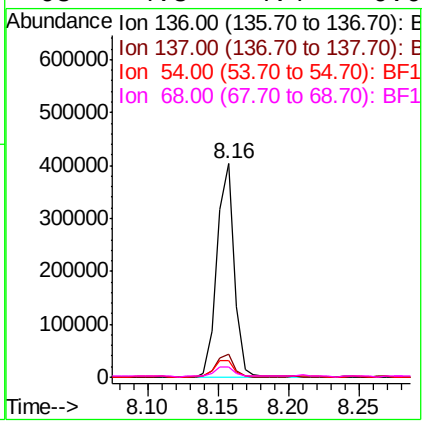


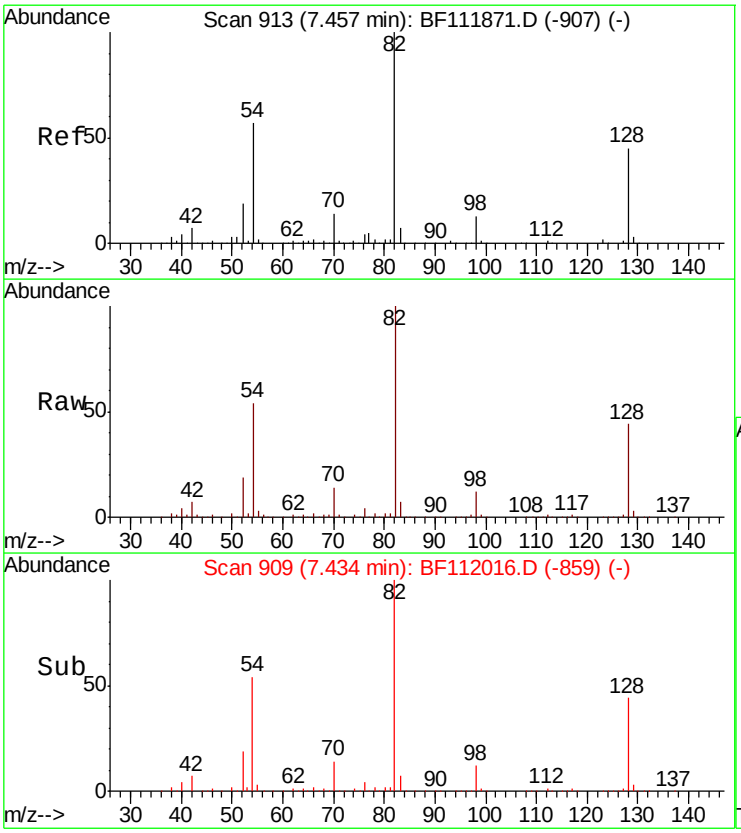
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:136 Resp: 346542

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.9	7.2	10.8
68	4.8	4.4	6.6

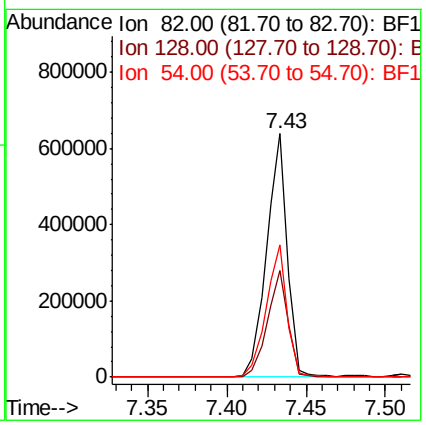


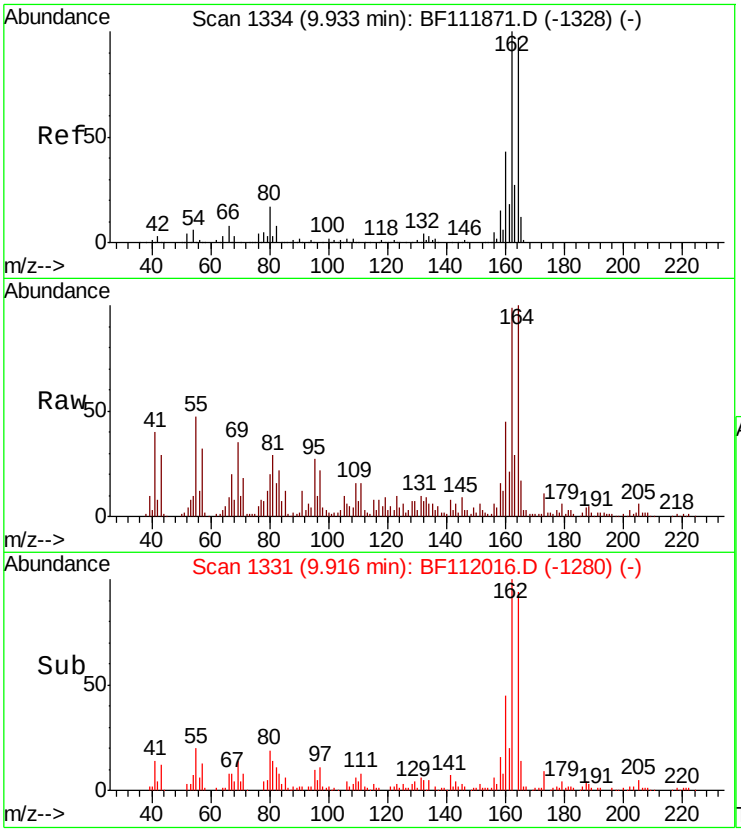


#23
Nitrobenzene-d5
Concen: 89.936 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion: 82 Resp: 583147

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	54.4	45.8	68.8



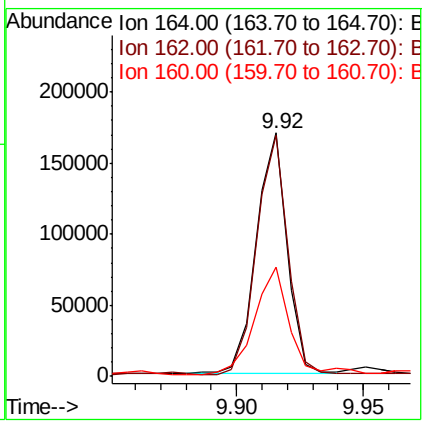


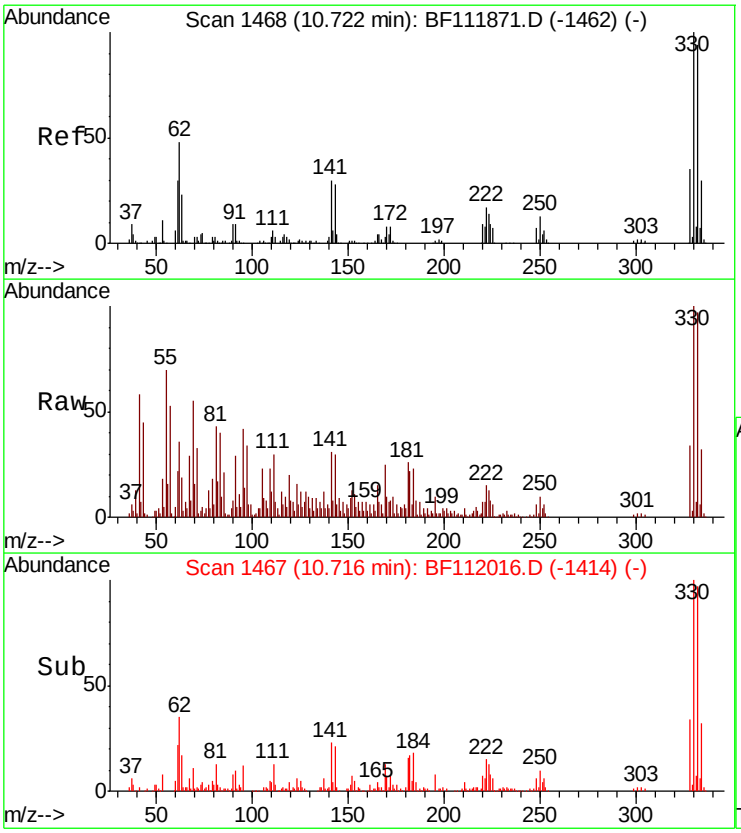
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:164 Resp: 144297

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.2	123.2
160	44.9	35.5	53.3

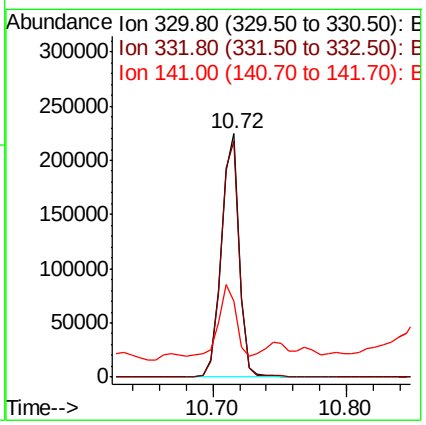


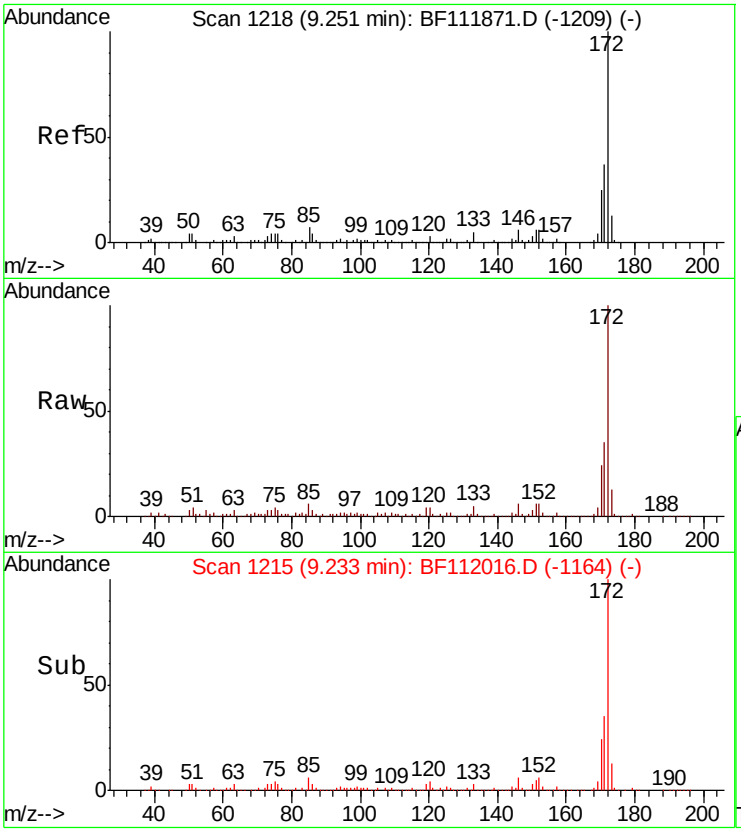


#42
2,4,6-Tribromophenol
Concen: 113.102 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:330 Resp: 212277

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	27.9	23.7	35.5



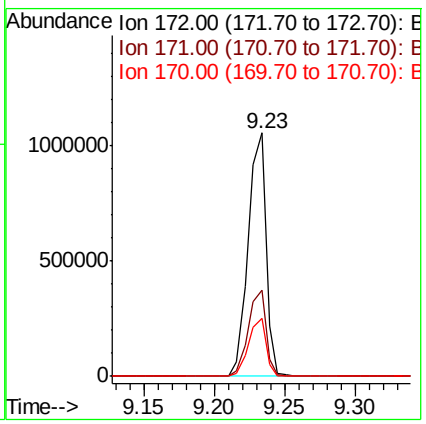


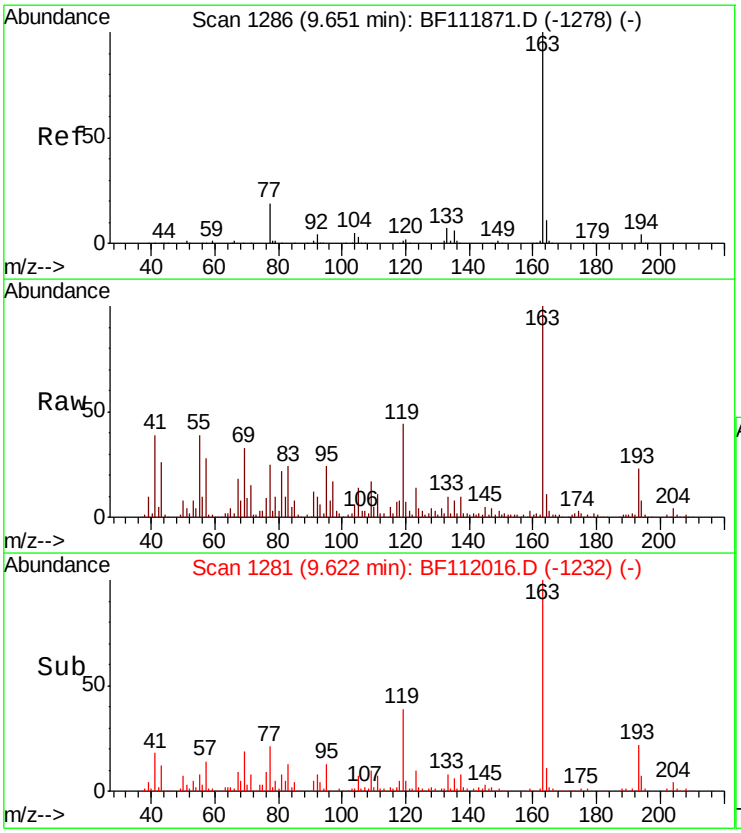
#45
2-Fluorobiphenyl
Concen: 95.415 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:172 Resp: 944185

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.9	19.8	29.8

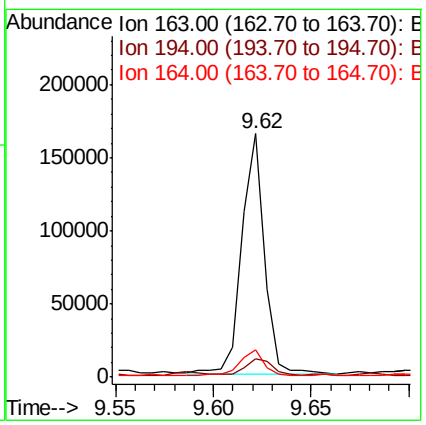


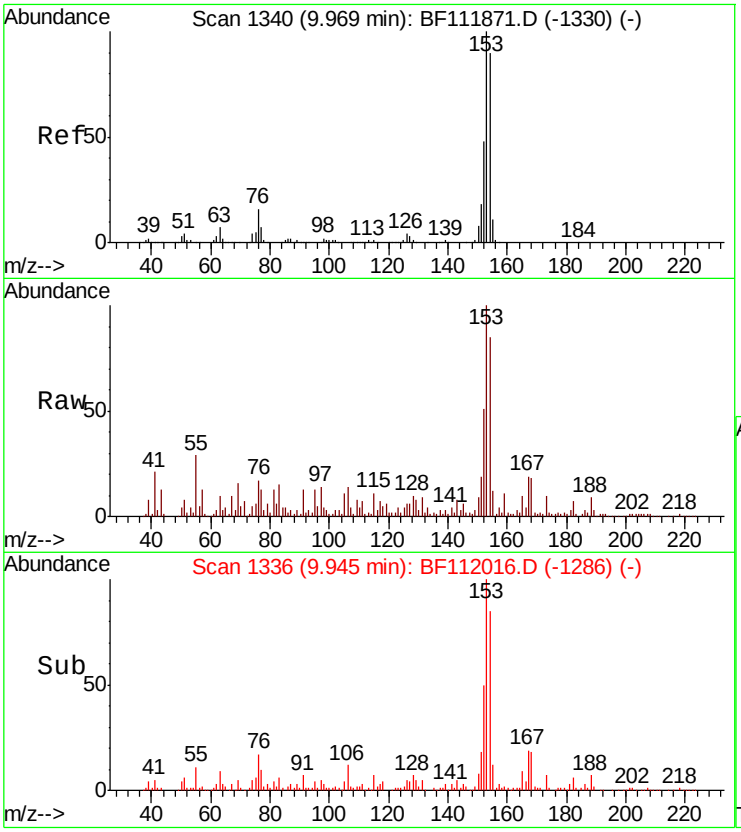


#50
Dimethylphthalate
Concen: 12.088 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:163 Resp: 131033

Ion	Ratio	Lower	Upper
163	100		
194	7.6	3.4	5.2#
164	11.2	8.5	12.7



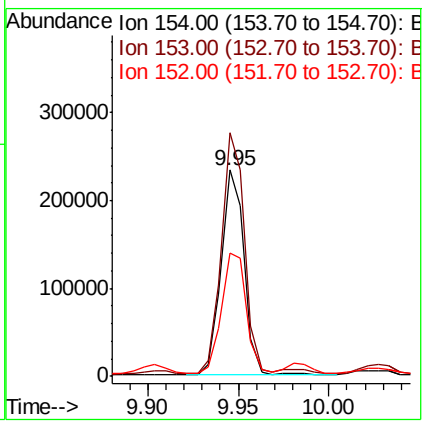


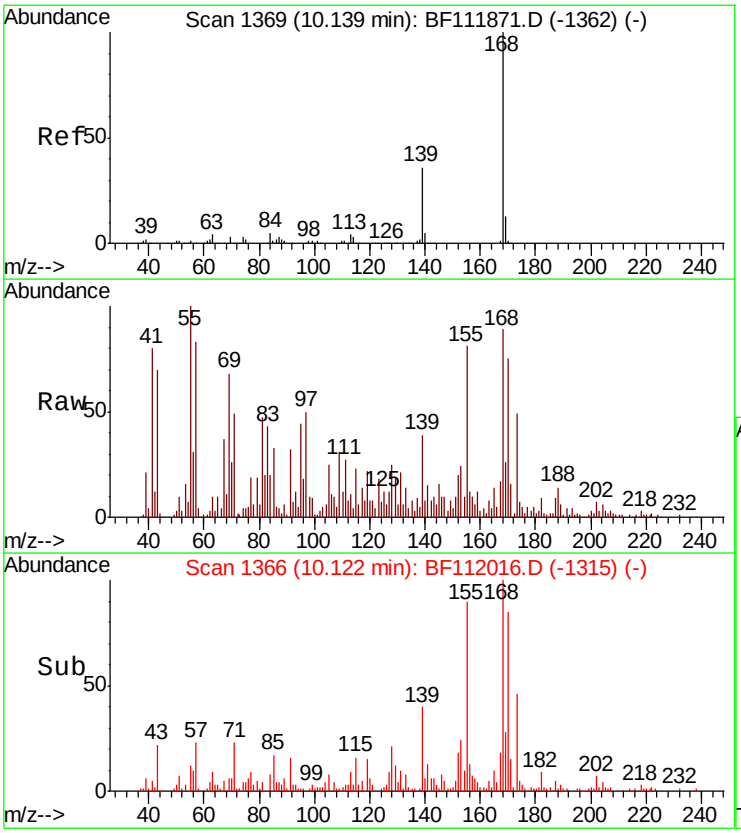
#52
Acenaphthene
Concen: 22.806 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:154 Resp: 205914

Ion	Ratio	Lower	Upper
154	100		
153	118.1	89.4	134.0
152	60.1	43.1	64.7

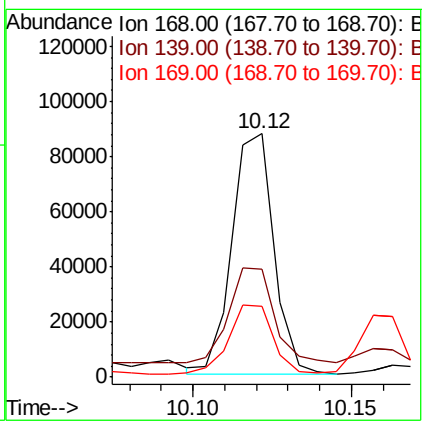


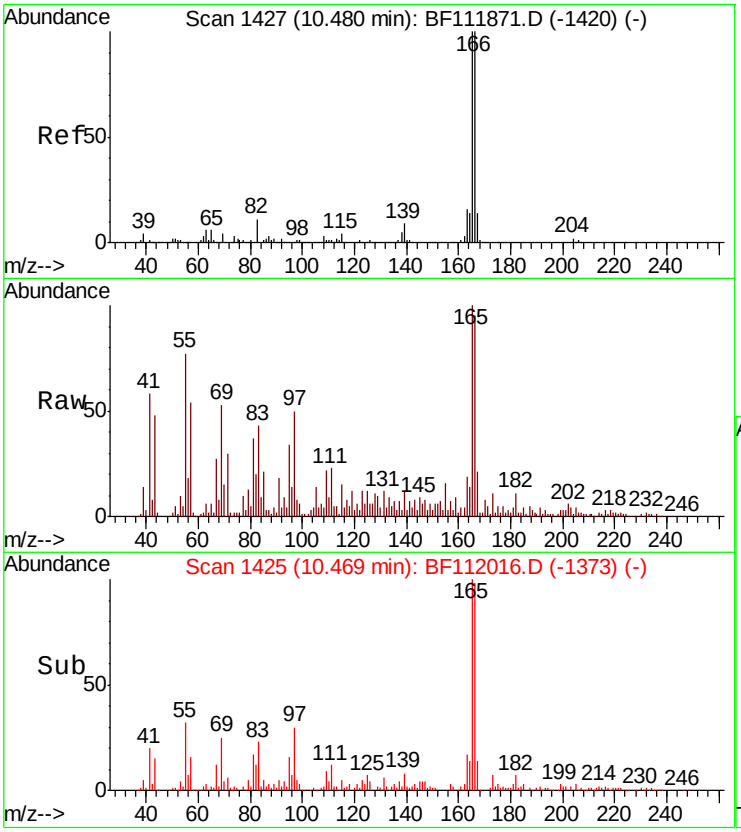


#55
Dibenzofuran
Concen: 6.108 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:168 Resp: 80203

Ion	Ratio	Lower	Upper
168	100		
139	44.1	29.3	43.9#
169	29.1	10.6	16.0#



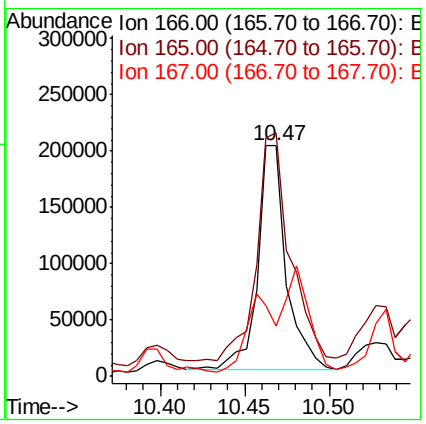


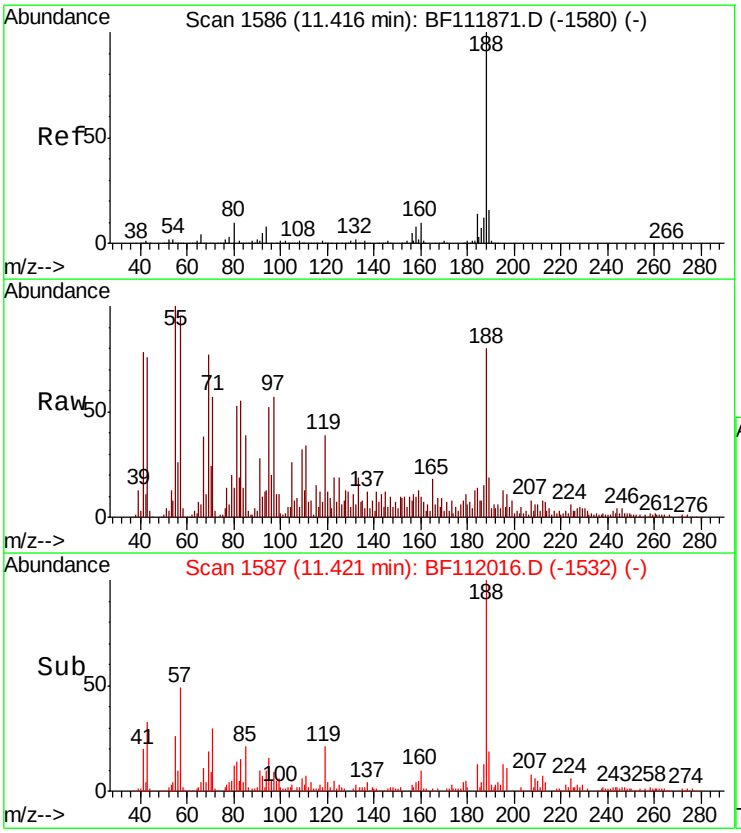
#58
Fluorene
Concen: 24.696 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:166 Resp: 235960

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.7	119.5
167	21.8	11.1	16.7#

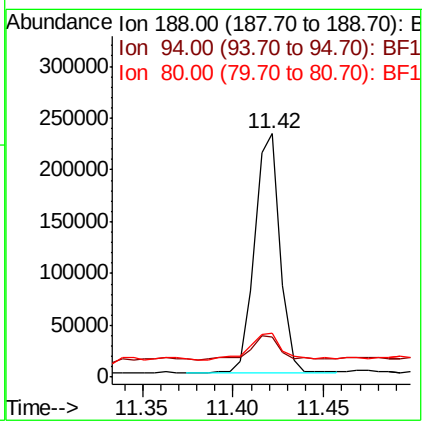


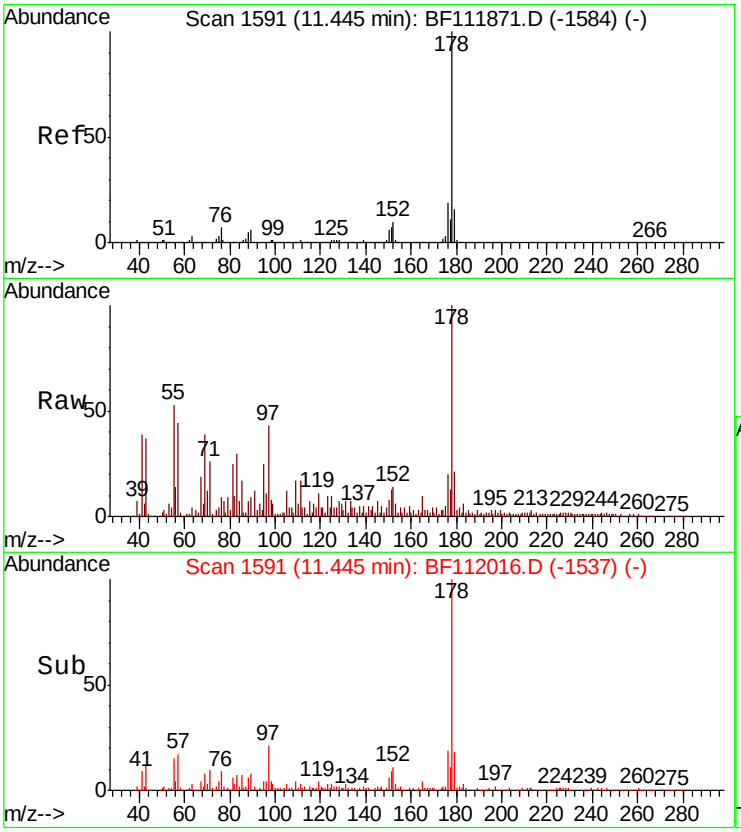


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:188 Resp: 224575

Ion	Ratio	Lower	Upper
188	100		
94	16.2	6.6	10.0#
80	18.0	7.7	11.5#



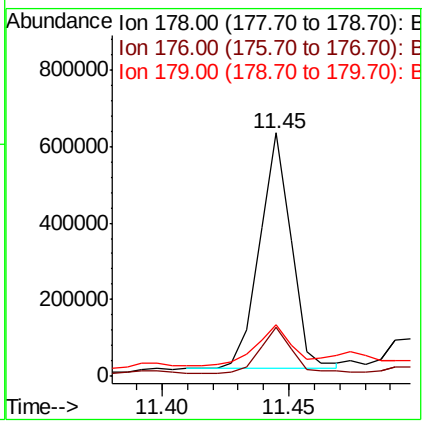


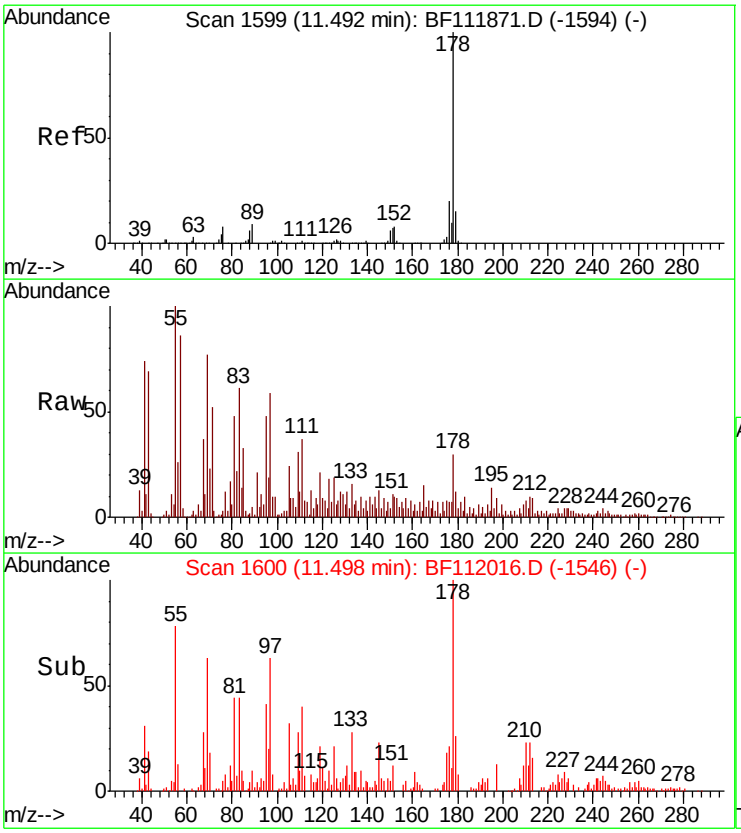
#71
Phenanthrene
Concen: 44.591 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.02 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:178 Resp: 535394

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	21.1	12.6	18.8#

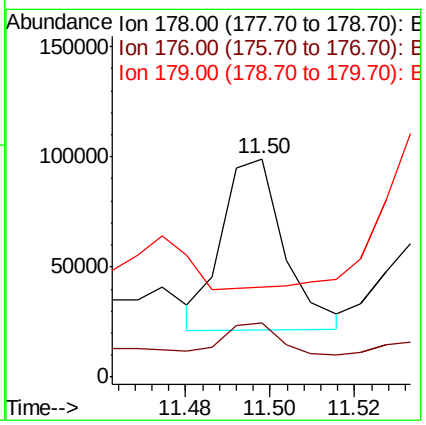


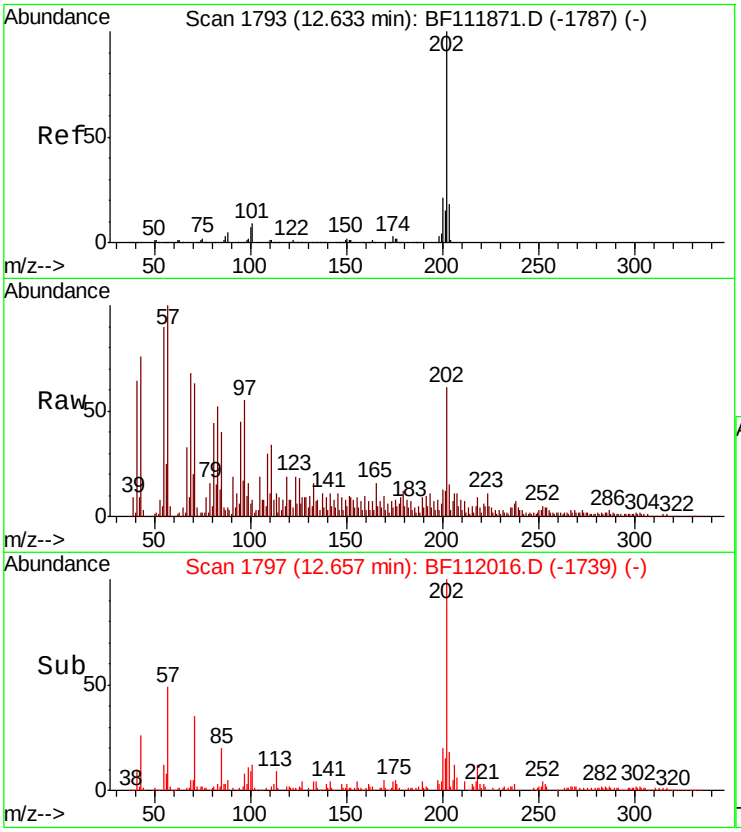


#72
Anthracene
Concen: 6.615 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.02 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:178 Resp: 80629

Ion	Ratio	Lower	Upper
178	100		
176	25.0	15.7	23.5#
179	41.3	12.4	18.6#



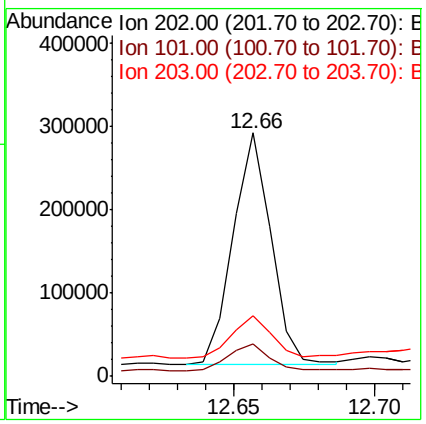


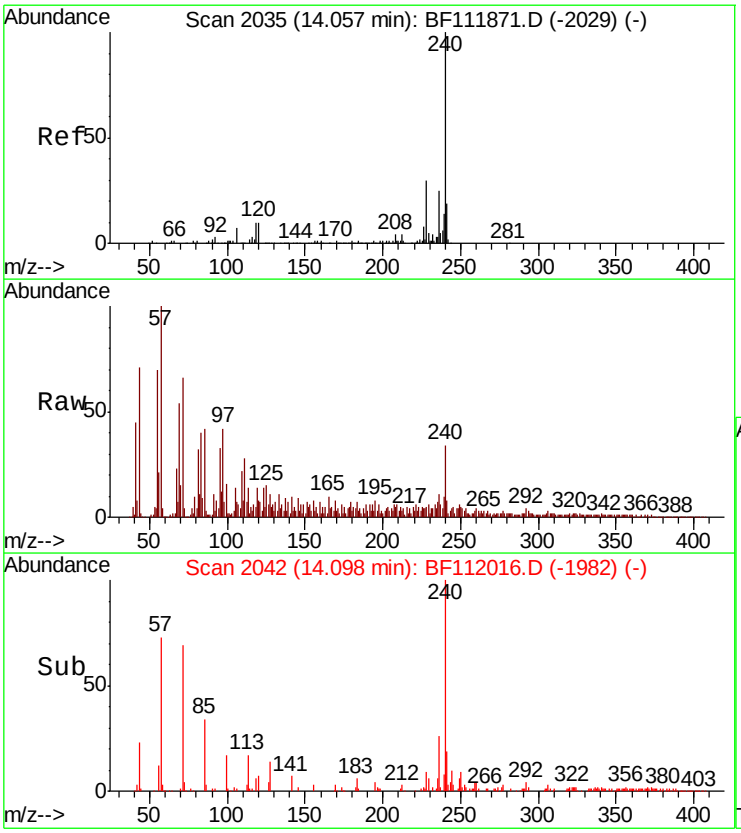
#75
Fluoranthene
Concen: 21.073 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.04 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:202 Resp: 259754

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	29.3
203	24.7	0.0	37.6

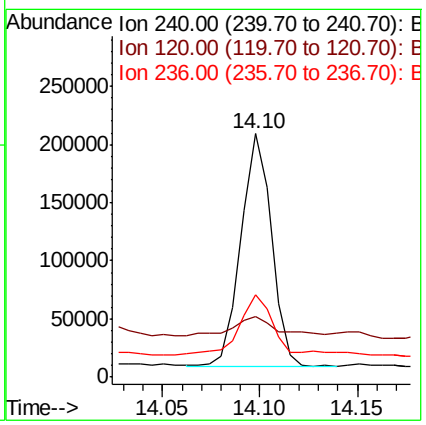


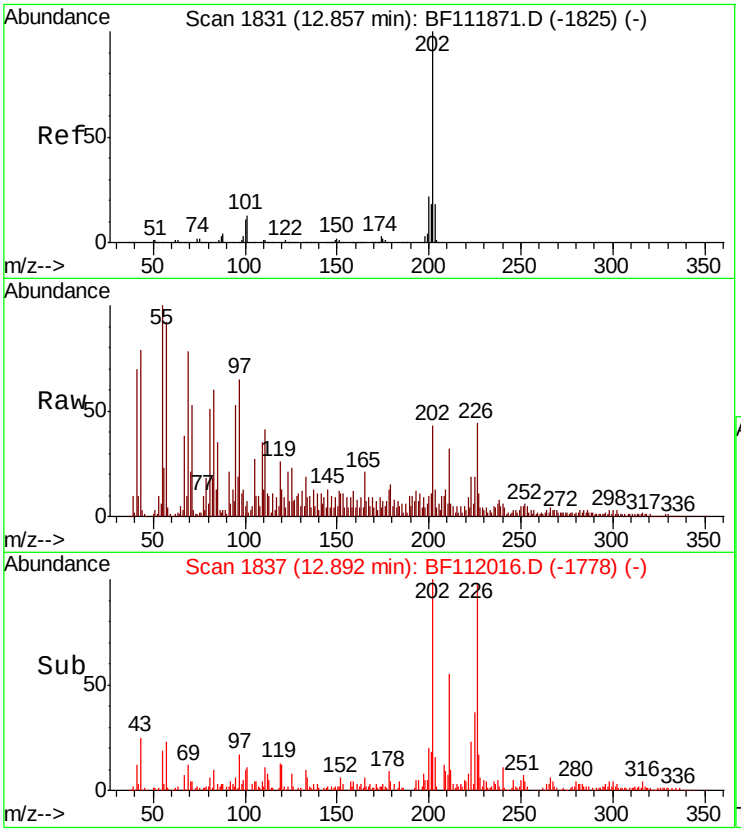


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.05 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:240 Resp: 218713

Ion	Ratio	Lower	Upper
240	100		
120	24.7	8.2	12.2#
236	33.8	20.2	30.4#



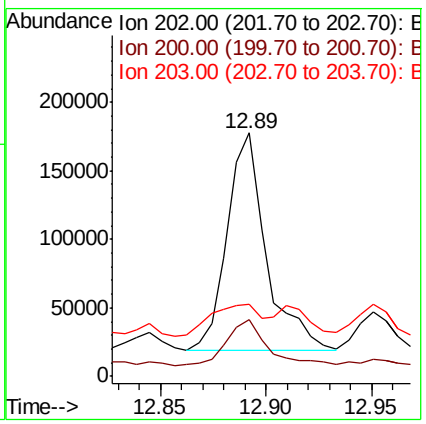


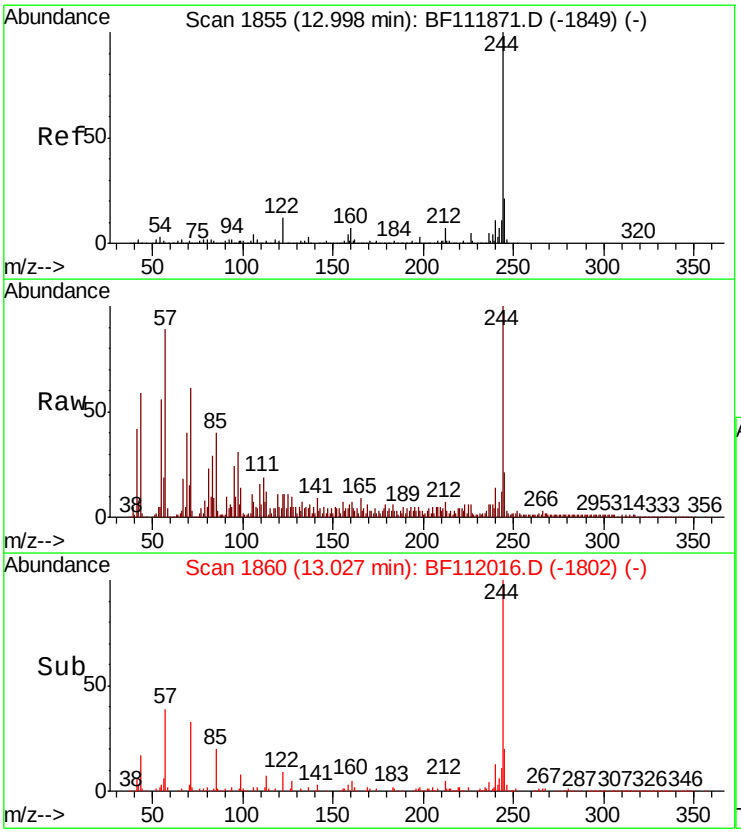
#78
Pyrene
Concen: 13.449 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.05 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:202 Resp: 202396

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	29.7	14.6	21.8#

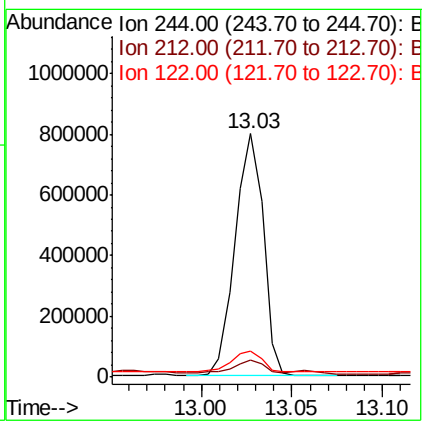


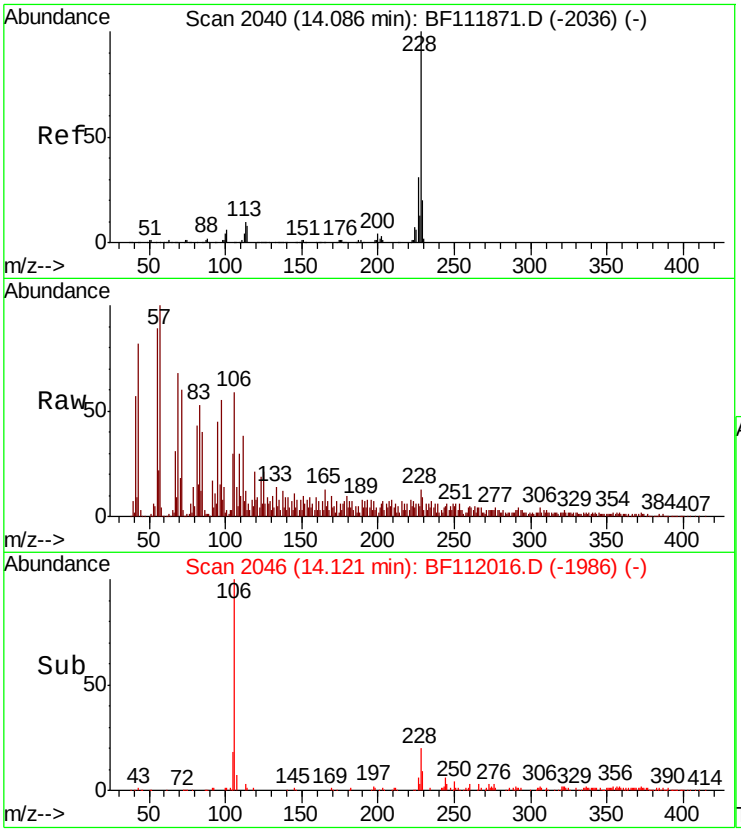


#79
Terphenyl-d14
Concen: 74.638 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.04 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:244 Resp: 859979

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.8	9.5	14.3



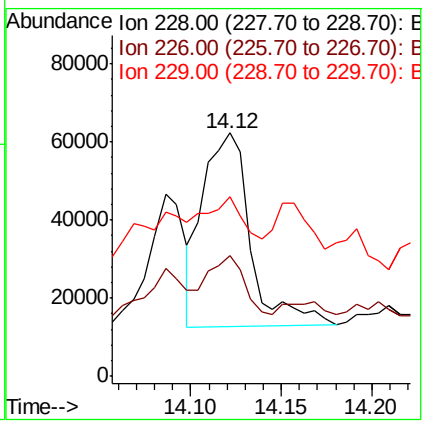


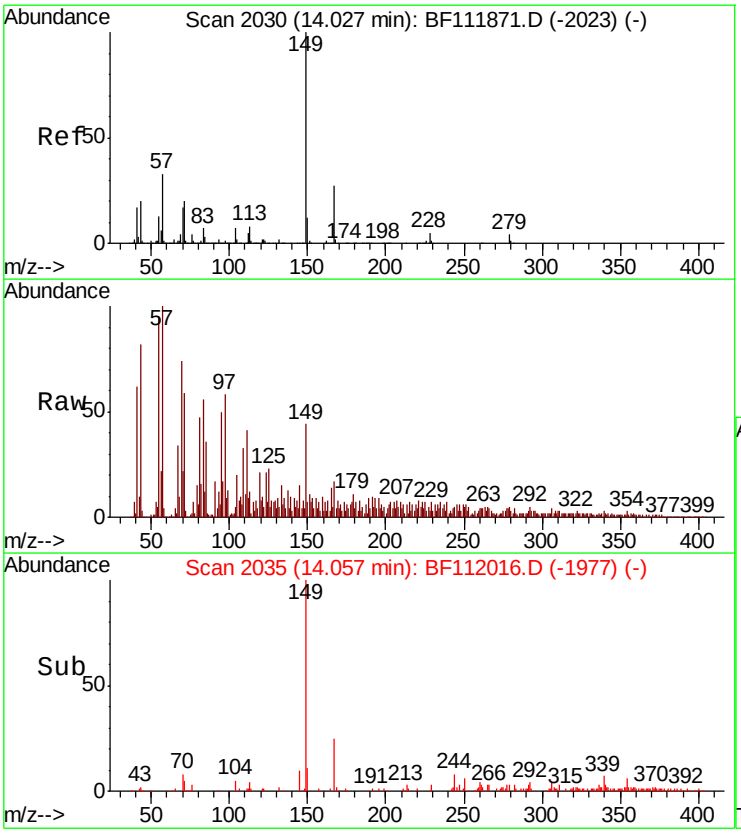
#83
Chrysene
Concen: 7.511 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.05 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:228 Resp: 90141

Ion	Ratio	Lower	Upper
228	100		
226	49.4	24.6	37.0#
229	73.6	15.7	23.5#

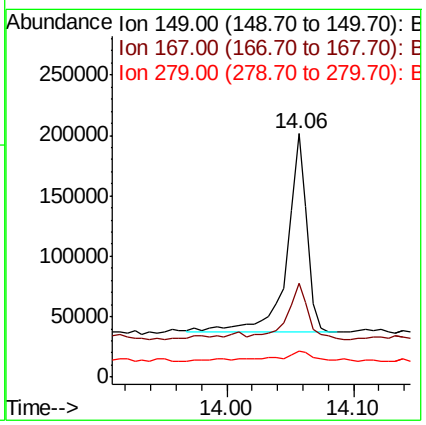


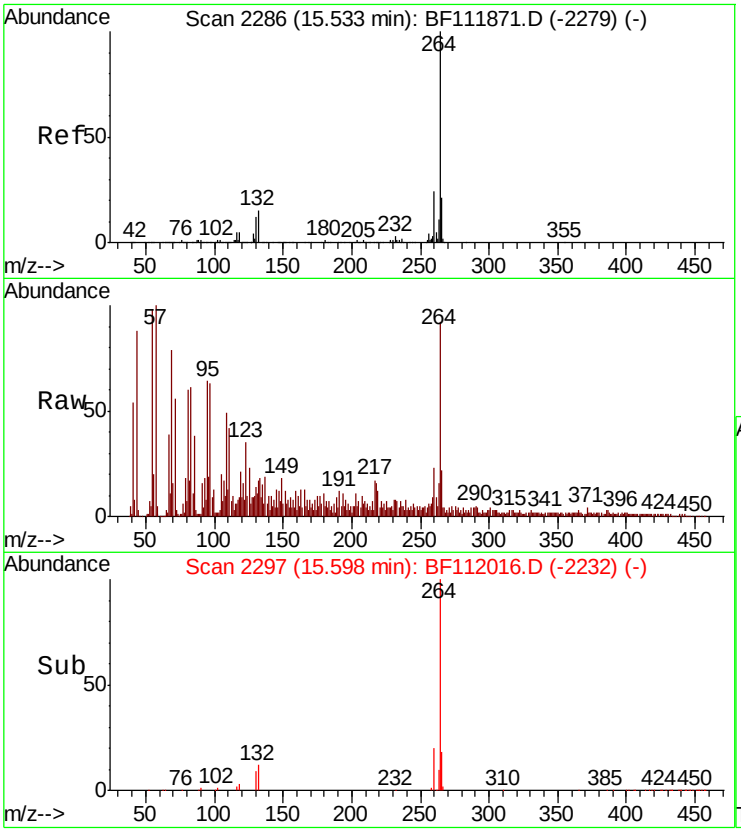


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.967 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.04 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Tgt Ion:149 Resp: 183545

Ion	Ratio	Lower	Upper
149	100		
167	38.6	21.5	32.3#
279	10.7	3.0	4.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.08 min
Lab File: BF112016.D
Acq: 11 Jan 2019 15:40

Instrument :
BNA_F
ClientSampleId :
CPSB-04(15-20)

Tgt Ion:264 Resp: 183587

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	24.2	17.1	25.7