Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108120.D
Acq On : 13 Aug 2018 17:05
Operator : JU/SJ
Sample : J4274-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Time: Aug 14 01:26:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	227675	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	783109	20.00	ng		0.00
38) Acenaphthene-d10	10.08	164	341871	20.00	ng		0.01
63) Phenanthrene-d10	11.58	188	593899	20.00	ng		0.02
75) Chrysene-d12	14.24	240	433441	20.00	ng		0.02
86) Perylene-d12	15.82	264	293873	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1354589	107.72	ng		0.02
7) Phenol-d6	6.64	99	1818312	108.81	ng		0.01
23) Nitrobenzene-d5	7.58	82	1144376	81.54	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	380454	111.57	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	1749600	82.16	ng		0.00
78) Terphenyl-d14	13.18	244	1432730	84.04	ng		0.04
Target Compounds							Qvalue
10) Phenol	6.65	94	60179	3.481	ng		93
49) Dimethylphthalate	9.77	163	191521	8.042	ng	#	98
74) Fluoranthene	12.80	202	66047	2.160	ng		90
77) Pyrene	13.04	202	80176	2.922	ng		98

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

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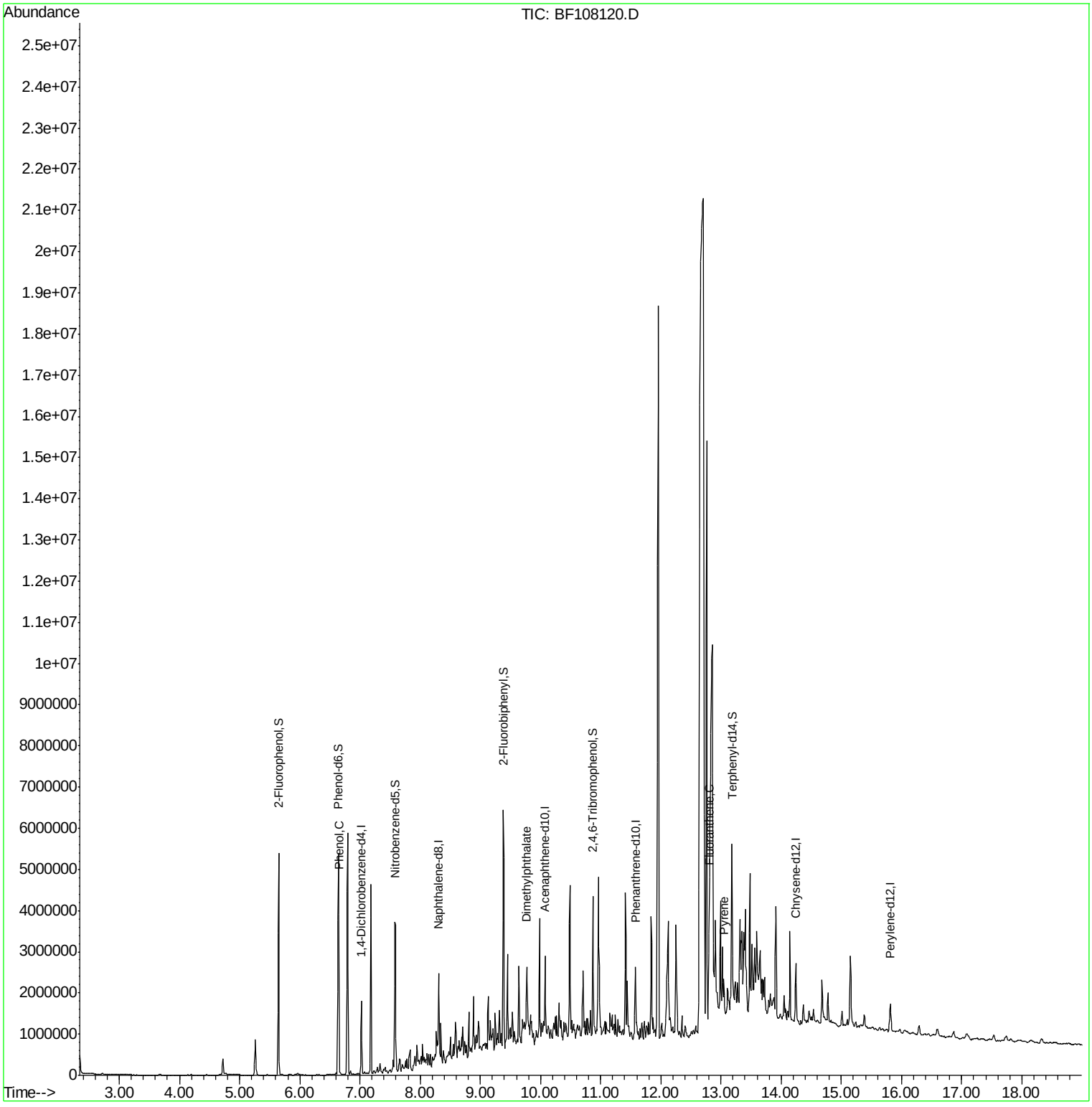
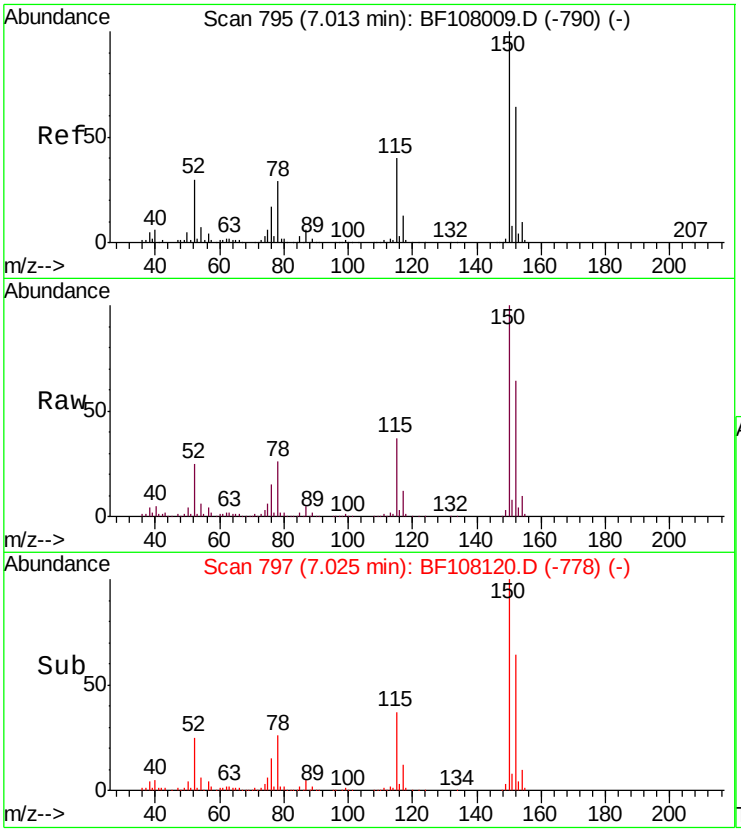


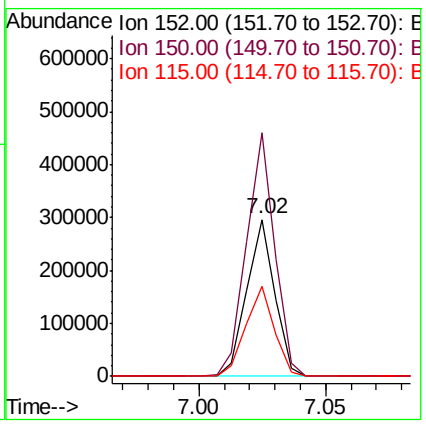


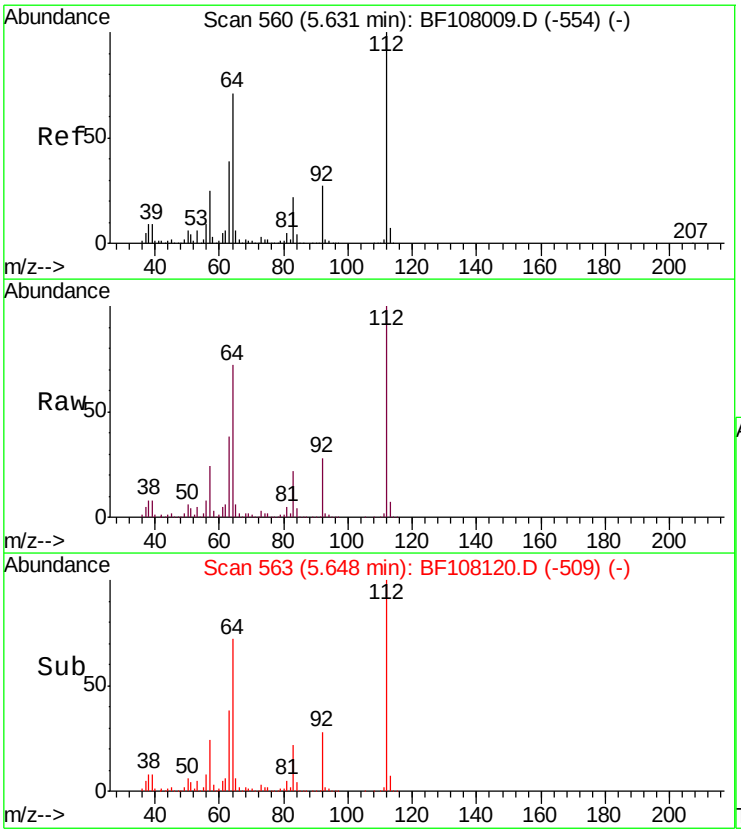
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:152 Resp: 227675

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	57.7	50.1	75.1

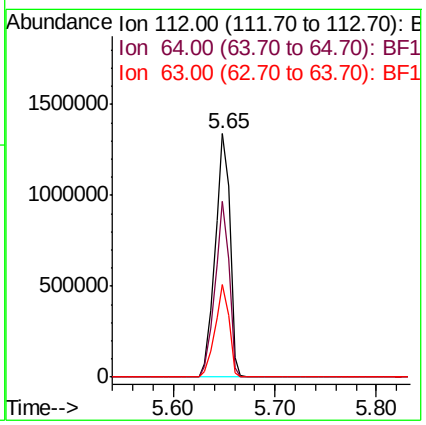


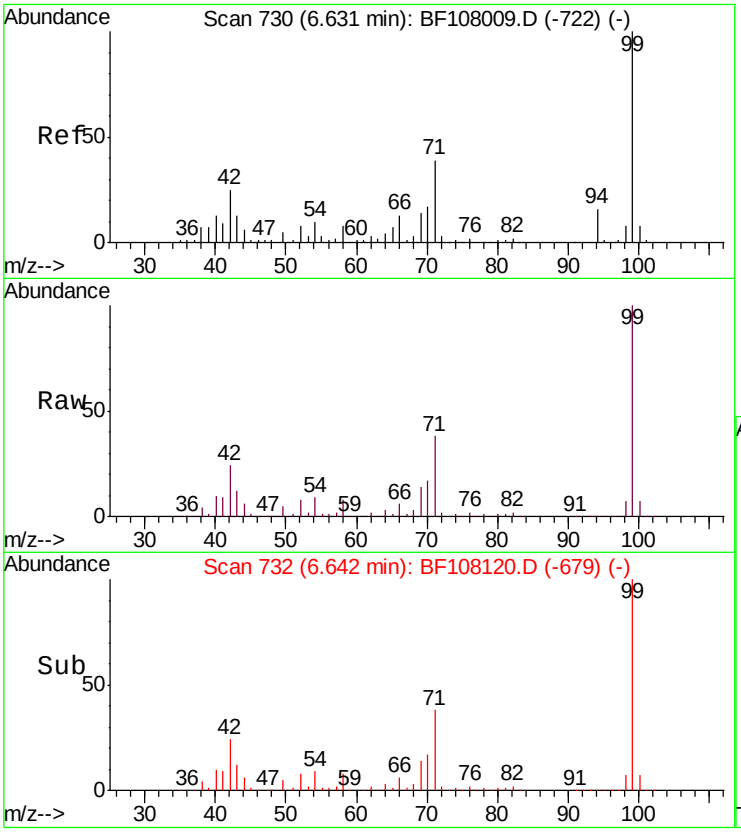


#5
2-Fluorophenol
Concen: 107.716 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:112 Resp: 1354589

Ion	Ratio	Lower	Upper
112	100		
64	72.2	47.9	71.9#
63	37.9	23.7	35.5#



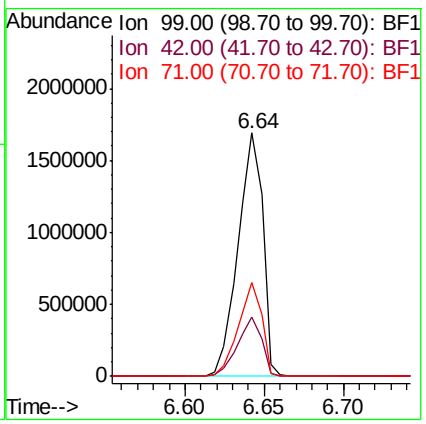


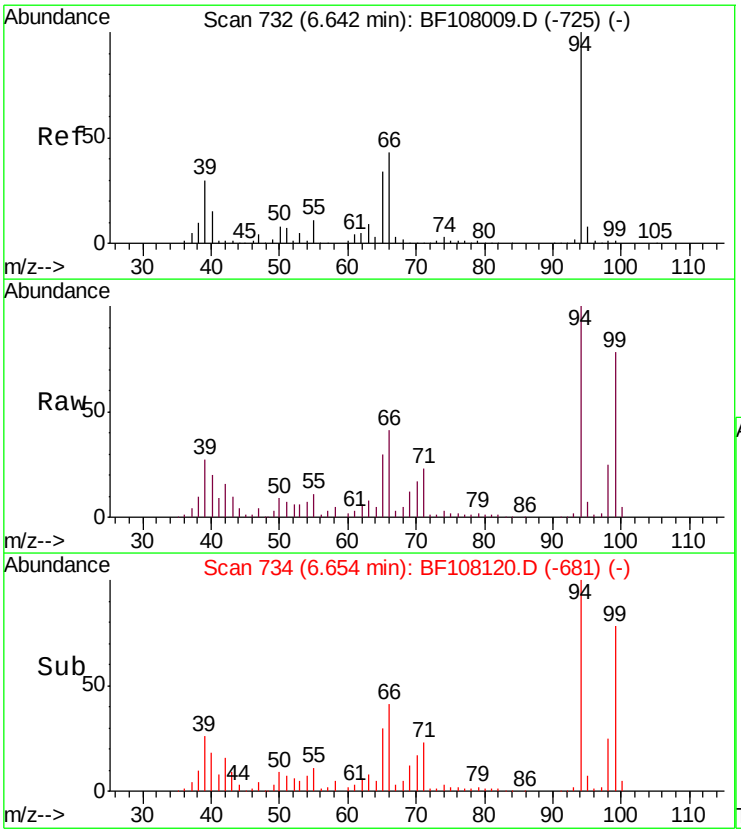
#7
Phenol-d6
Concen: 108.808 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion: 99 Resp: 1818312

Ion	Ratio	Lower	Upper
99	100		
42	24.4	14.5	21.7#
71	38.3	25.4	38.0#

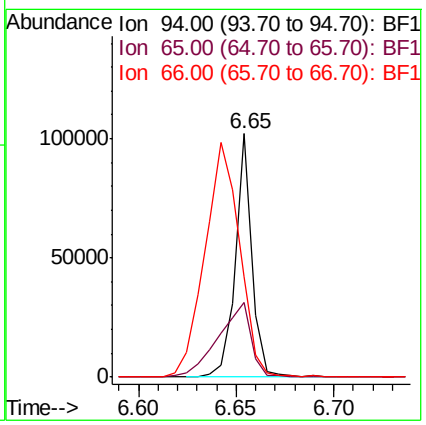


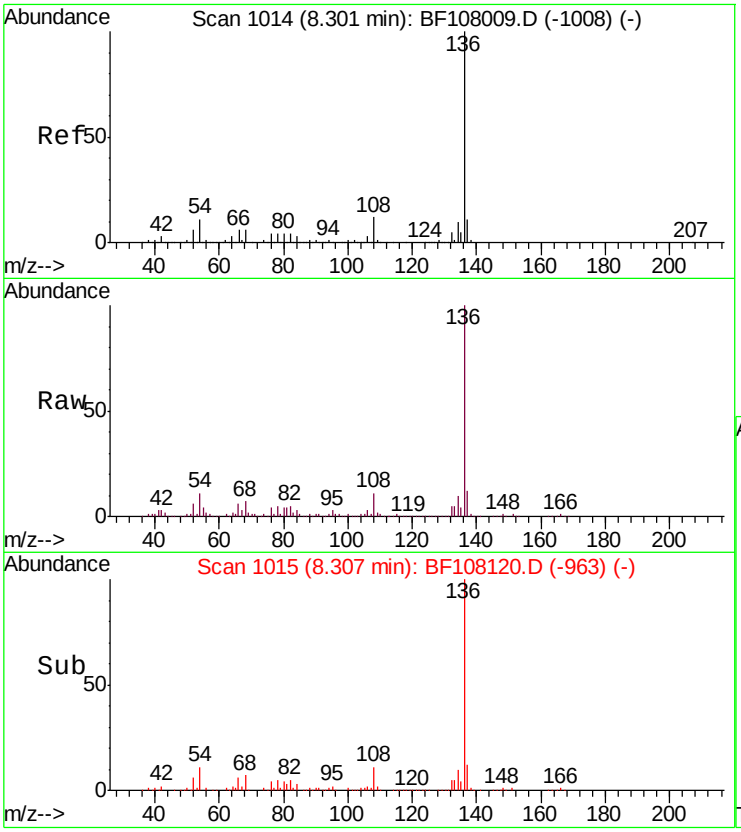


#10
Phenol
Concen: 3.481 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion: 94 Resp: 60179

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	41.1	16.2	56.2



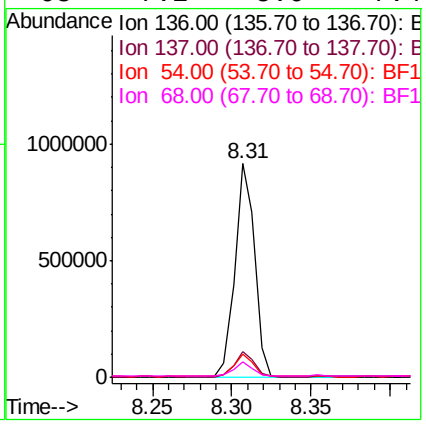


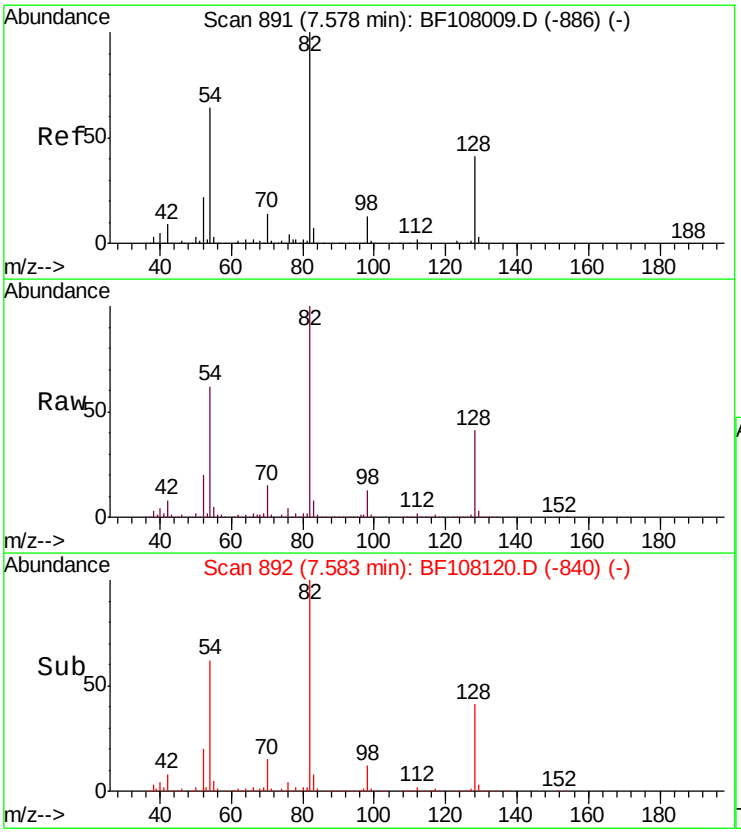
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:136 Resp: 783109

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.1	6.6	9.8#
68	7.2	5.0	7.4

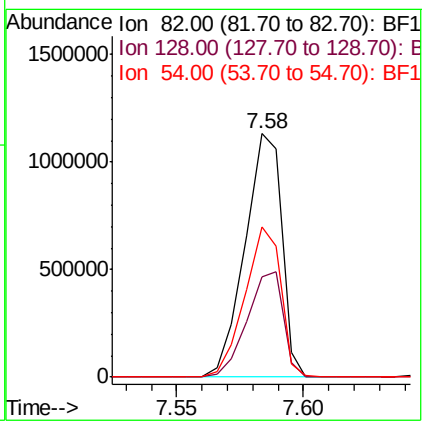


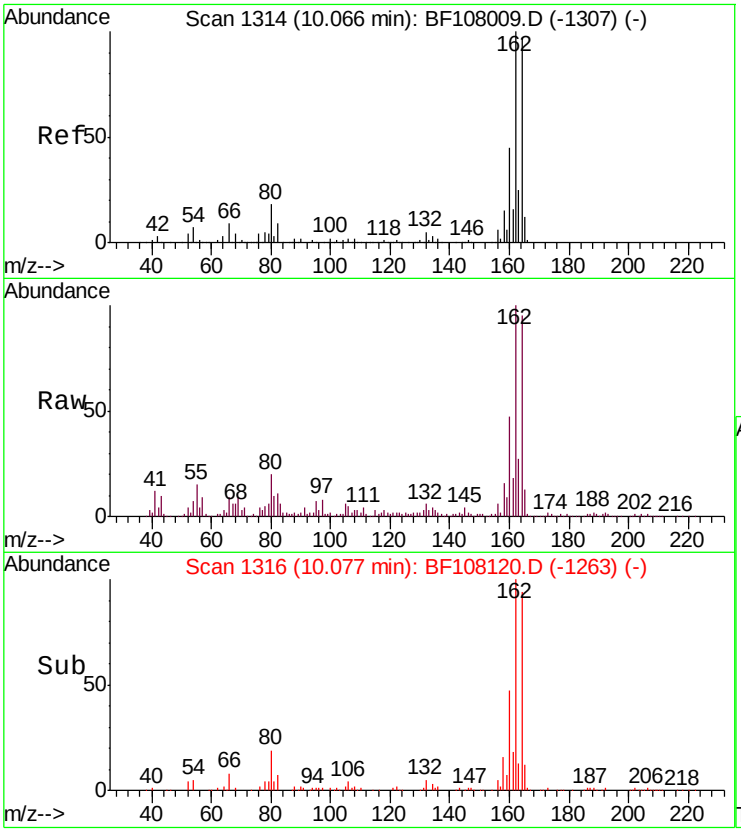


#23
Nitrobenzene-d5
Concen: 81.544 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion: 82 Resp: 1144376

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	61.7	41.4	62.2



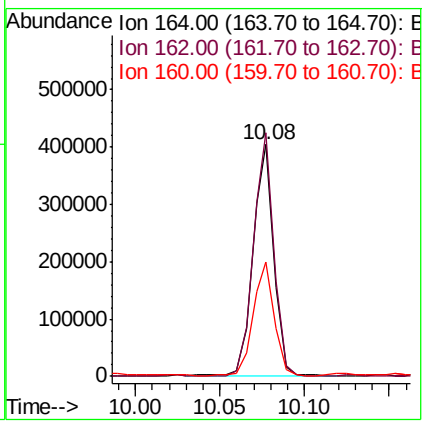


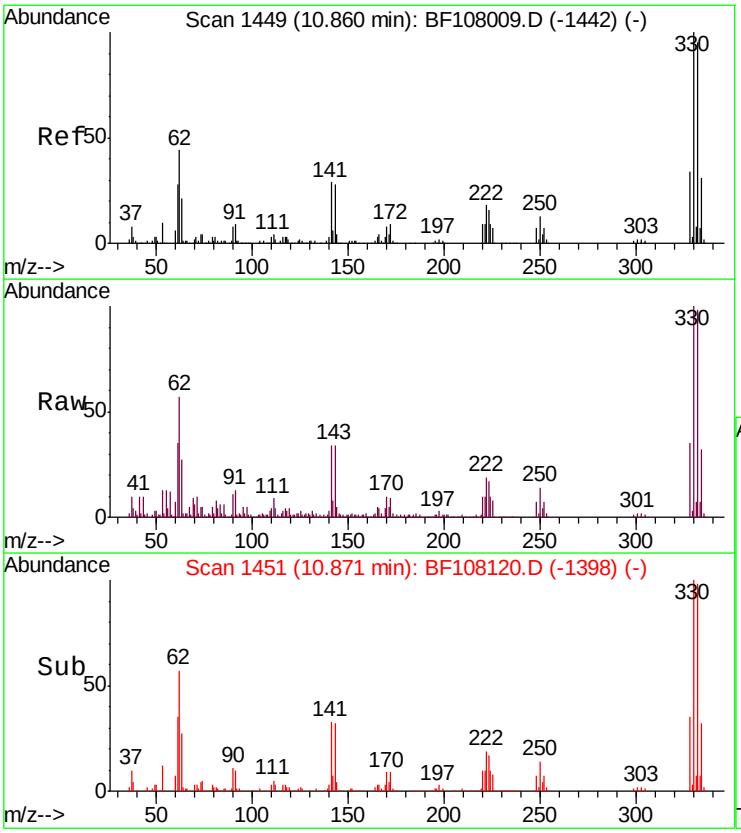
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:164 Resp: 341871

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	49.1	38.3	57.5

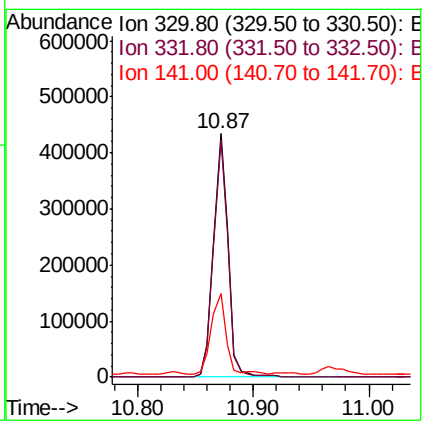


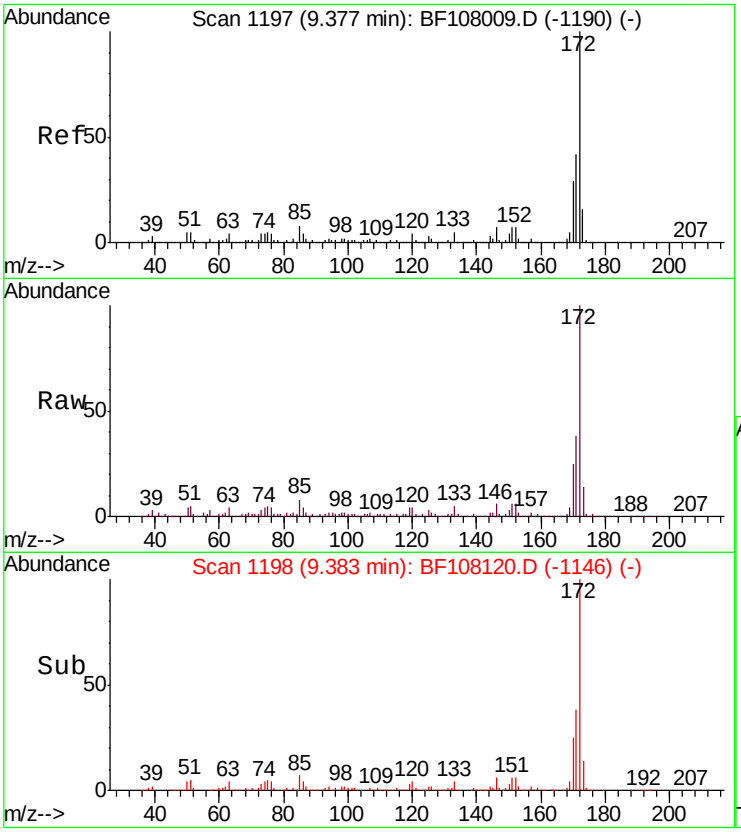


#41
2,4,6-Tribromophenol
Concen: 111.568 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:330 Resp: 380454

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.5	29.9	44.9



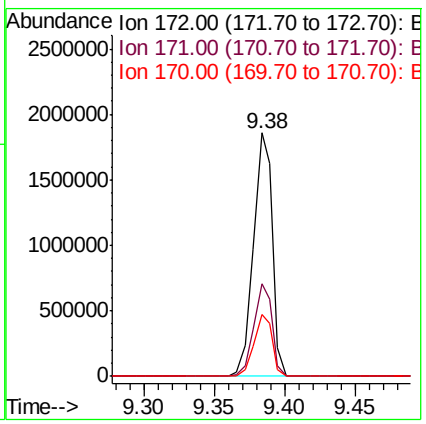


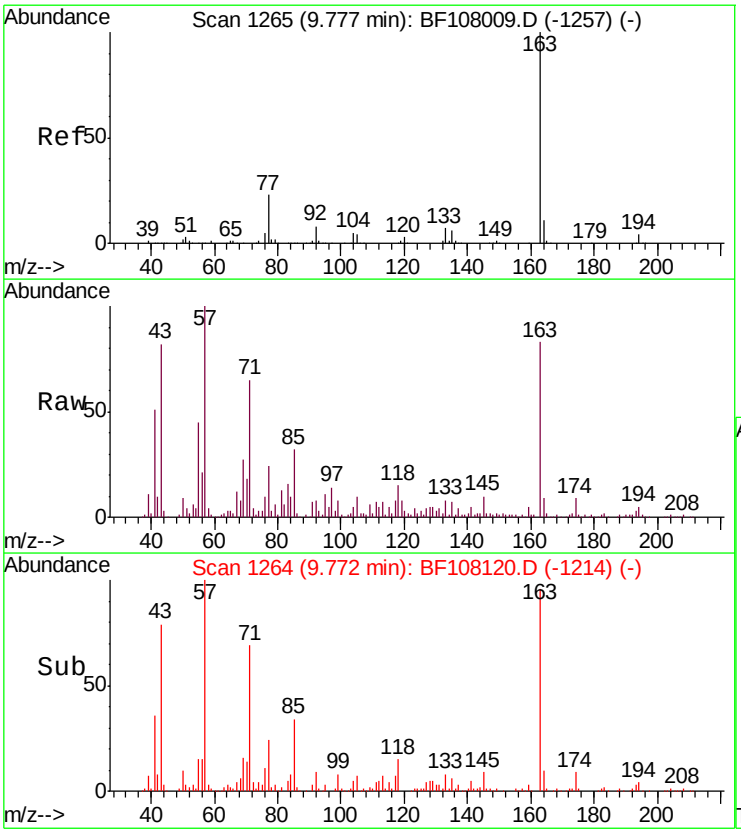
#44
2-Fluorobiphenyl
Concen: 82.163 ng
RT: 9.38 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:172 Resp: 1749600

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.5	19.6	29.4

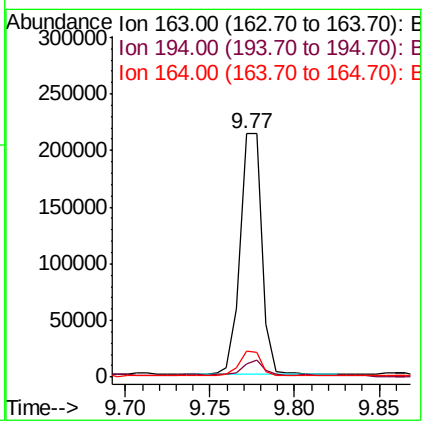


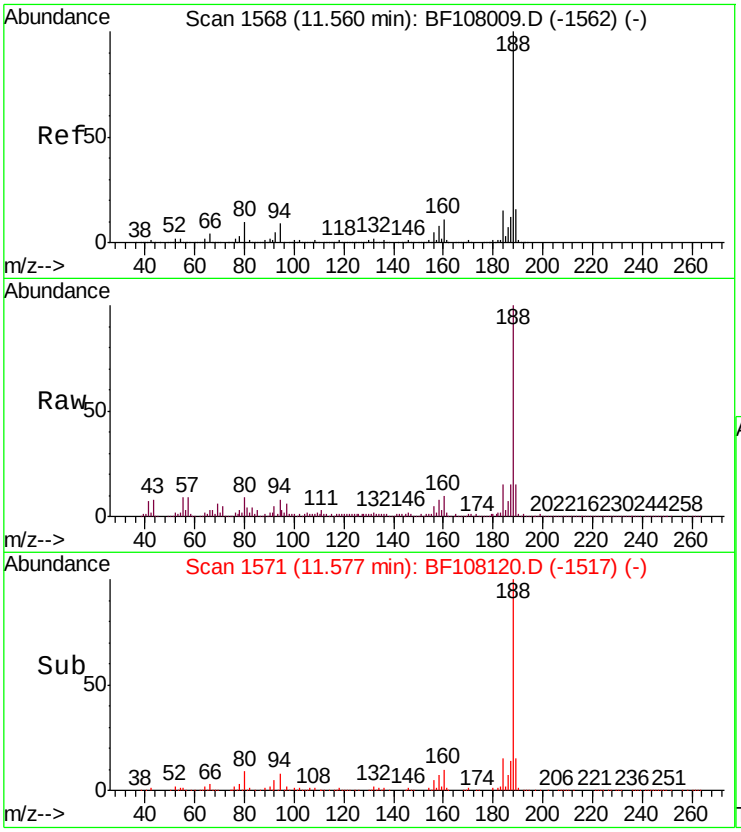


#49
Dimethylphthalate
Concen: 8.042 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:163 Resp: 191521

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	10.5	8.2	12.2



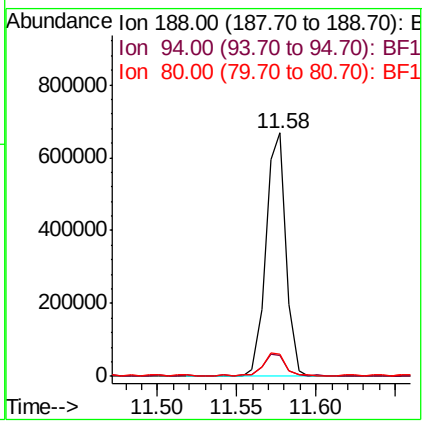


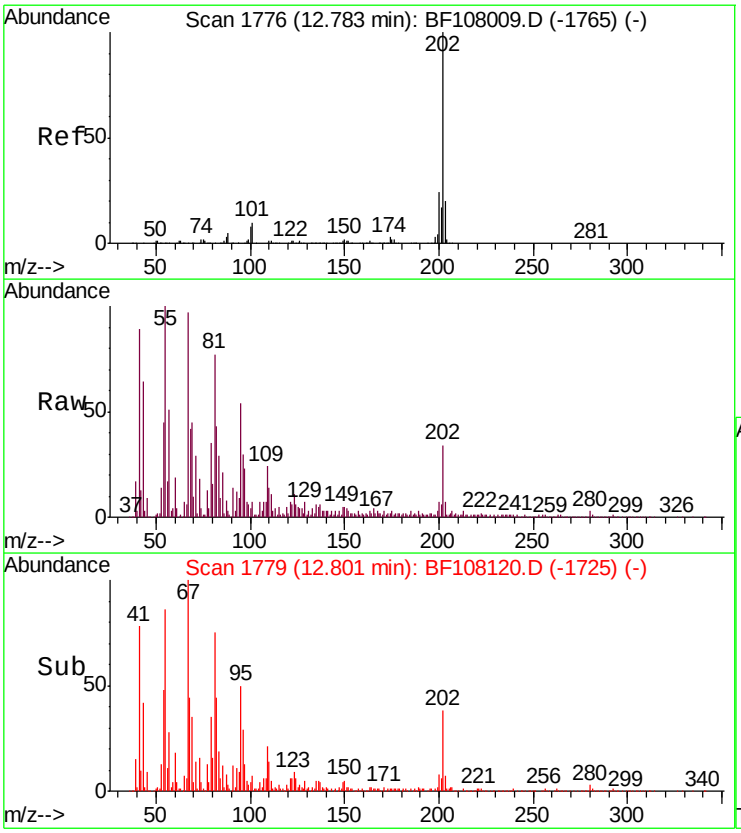
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:188 Resp: 593899

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#

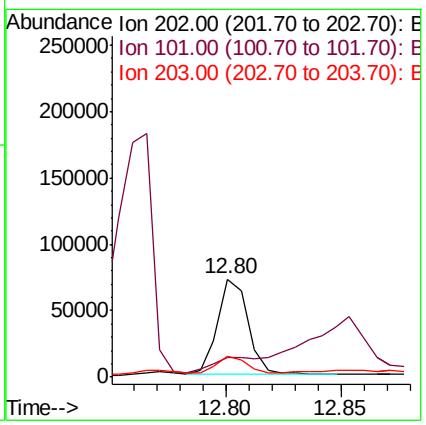


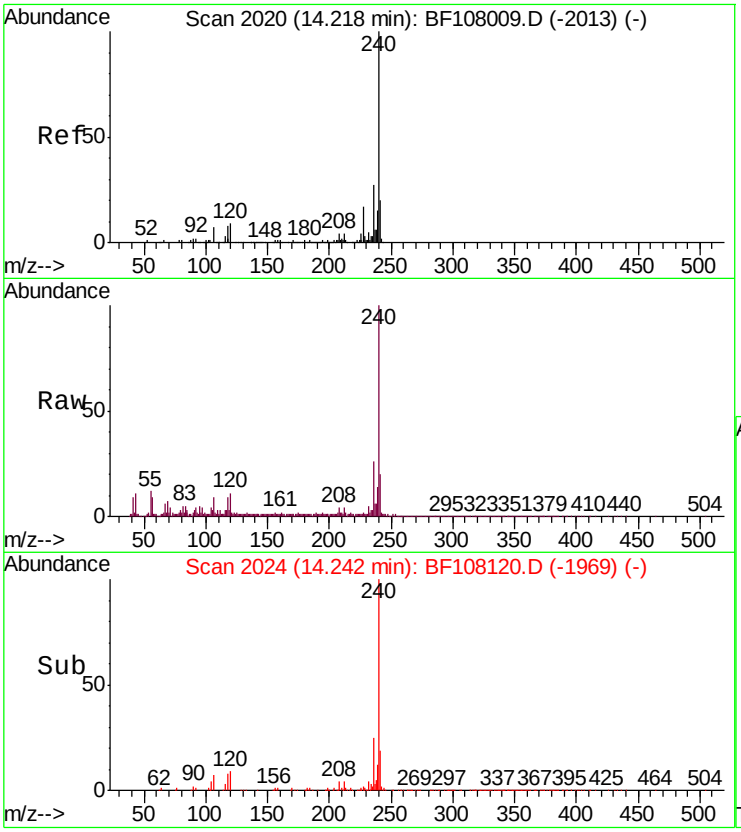


#74
Fluoranthene
Concen: 2.160 ng
RT: 12.80 min Scan# 1779
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:202 Resp: 66047

Ion	Ratio	Lower	Upper
202	100		
101	19.6	0.0	34.1
203	21.7	0.0	38.1



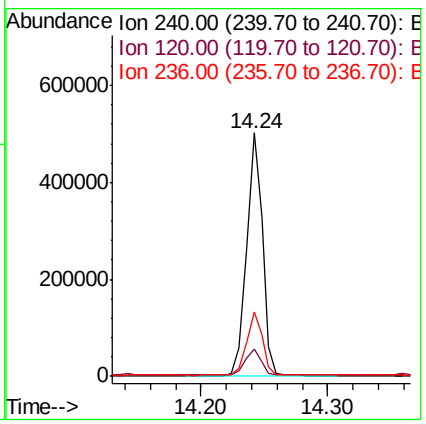


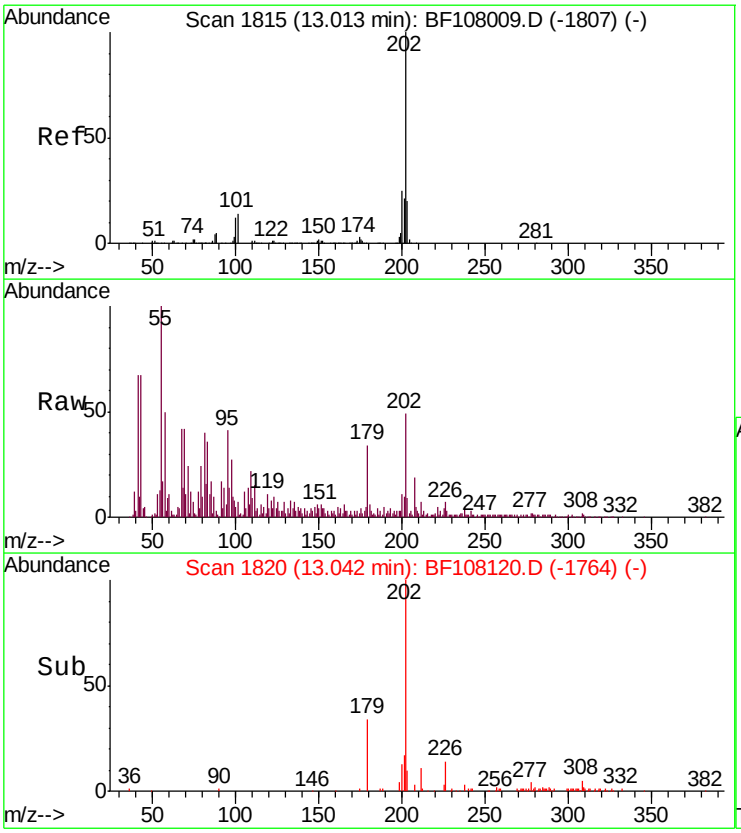
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:240 Resp: 433441

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.4	20.7	31.1

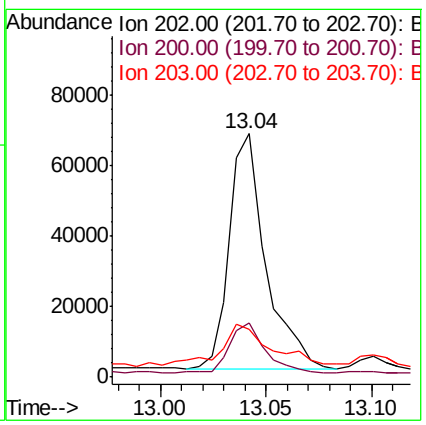


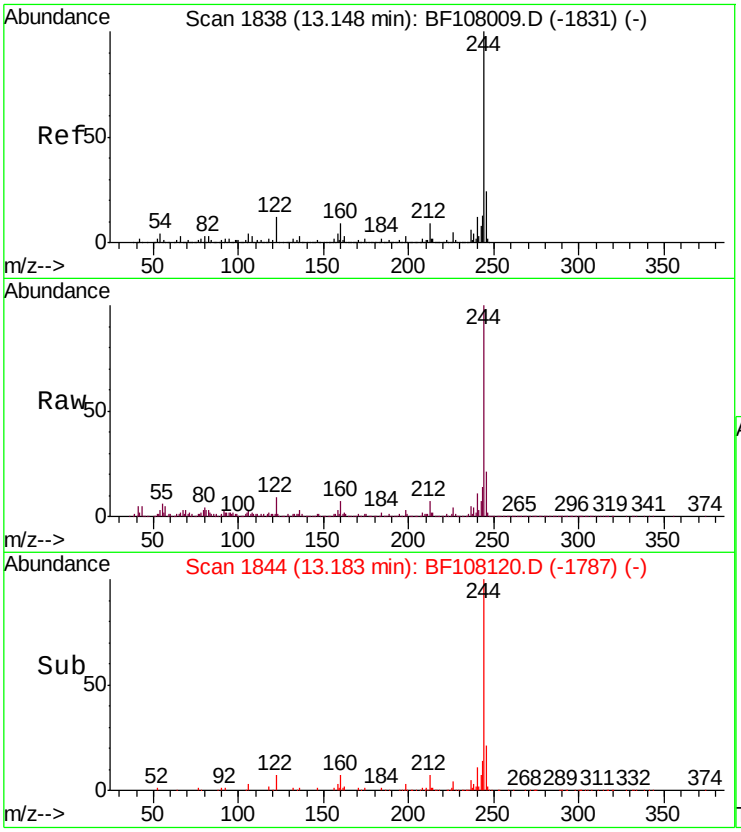


#77
Pyrene
Concen: 2.922 ng
RT: 13.04 min Scan# 1820
Delta R.T. 0.03 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:202 Resp: 80176

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	19.4	14.3	21.5



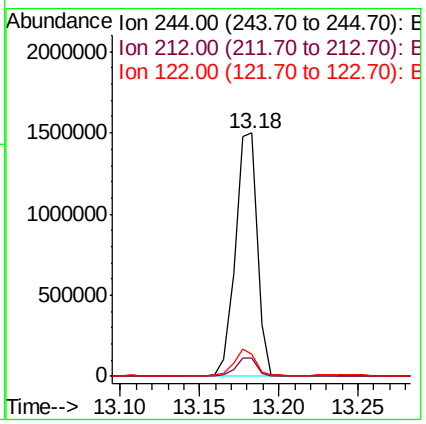


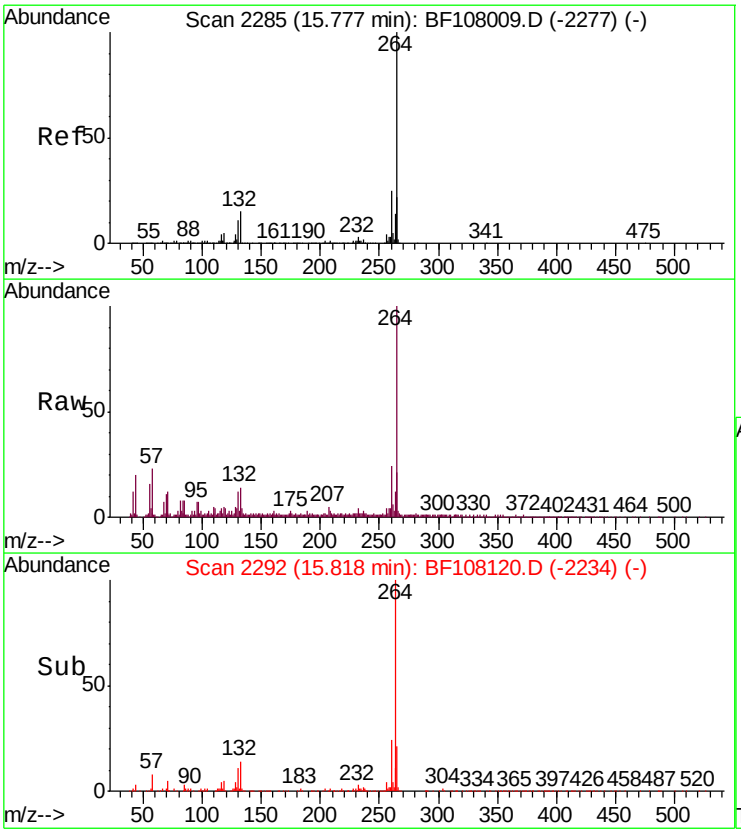
#78
Terphenyl-d14
Concen: 84.044 ng
RT: 13.18 min Scan# 1844
Delta R.T. 0.04 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:244 Resp: 1432730

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.82 min Scan# 2292
Delta R.T. 0.04 min
Lab File: BF108120.D
Acq: 13 Aug 2018 17:05

Tgt Ion:264 Resp: 293873

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3