Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-061219

Manual Integrations APPROVED
mohammad
6/14/2019 8:47:31 AM

Quant Time: Jun 14 05:12:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139576	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	522205	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	244227	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	403272	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	253350	20.00	ng	-0.01
87) Perylene-d12	15.14	264	239421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	909182	108.77	ng	0.00
7) Phenol-d6	6.29	99	1129159	111.98	ng	-0.01
23) Nitrobenzene-d5	7.20	82	680470	78.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	240731	92.05	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1256300	87.18	ng	0.00
79) Terphenyl-d14	12.73	244	945194	70.17	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.40	163	267808	14.581	ng	97
71) Phenanthrene	11.17	178	53077	2.549	ng	95
75) Fluoranthene	12.35	202	111775	5.250	ng	97
78) Pyrene	12.57	202	95841	4.153	ng	97
81) Benzo(a)anthracene	13.76	228	53451	2.819	ng	94
83) Chrysene	13.79	228	62105	3.294	ng	95
88) Benzo(b)fluoranthene	14.76	252	84581m	5.314	ng	
90) Benzo(a)pyrene	15.09	252	50153	3.652	ng	# 94
92) Benzo(g,h,i)perylene	16.83	276	29101	2.413	ng	97

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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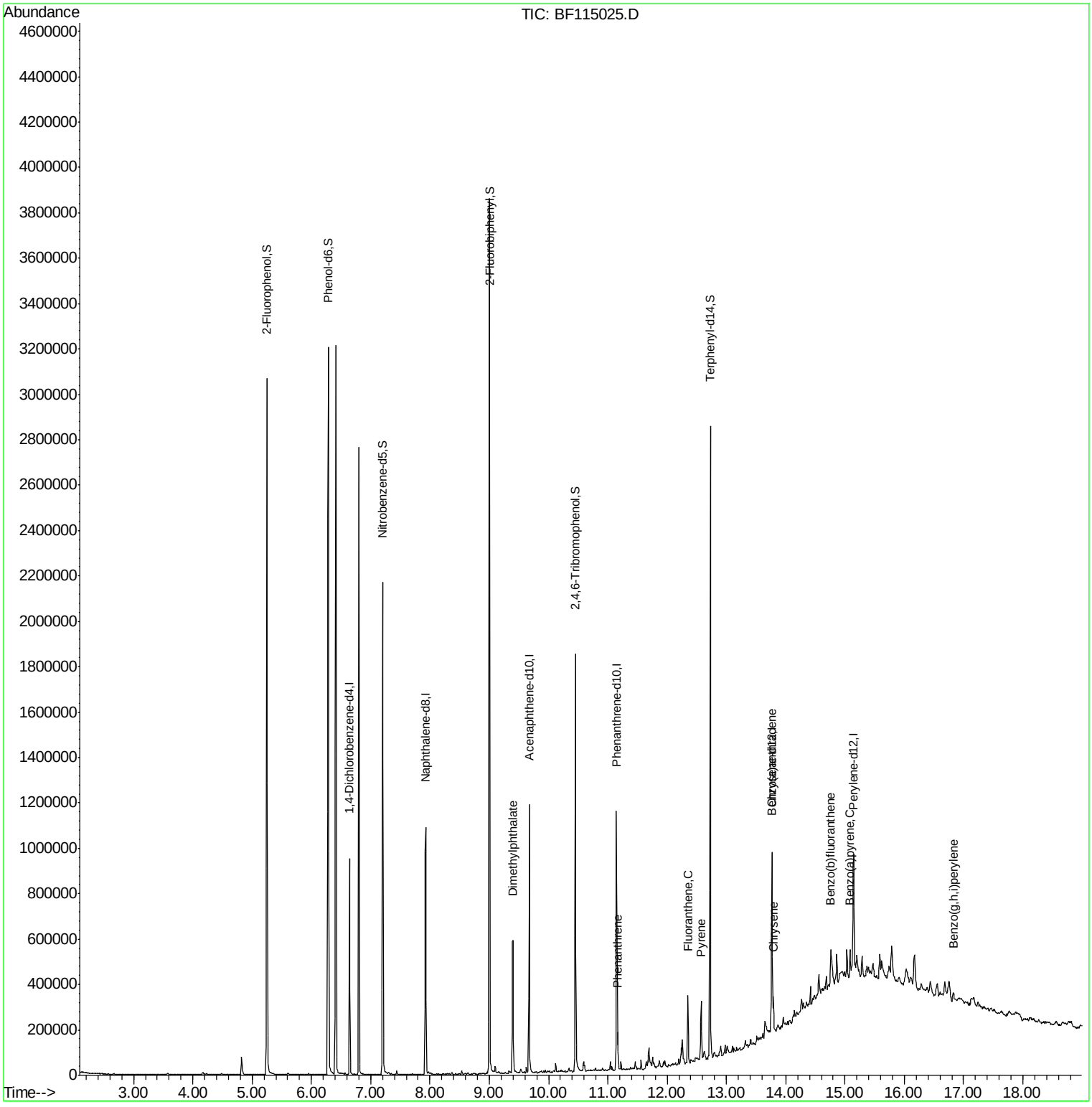
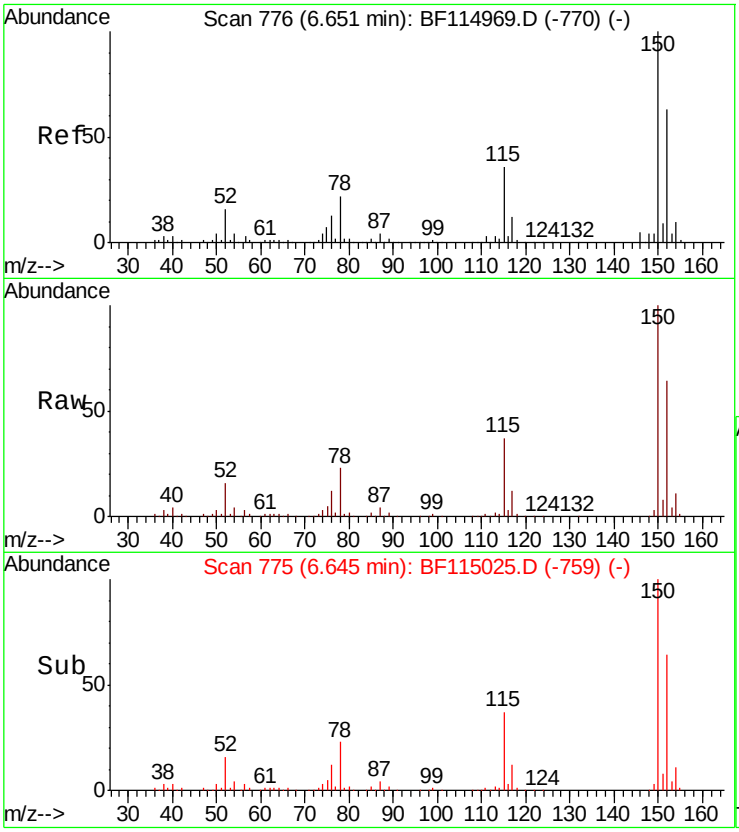
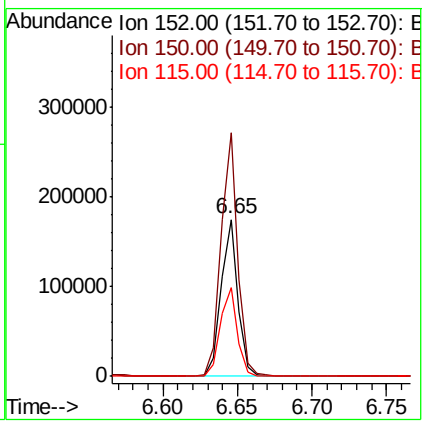




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:152 Resp: 139576

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	57.0	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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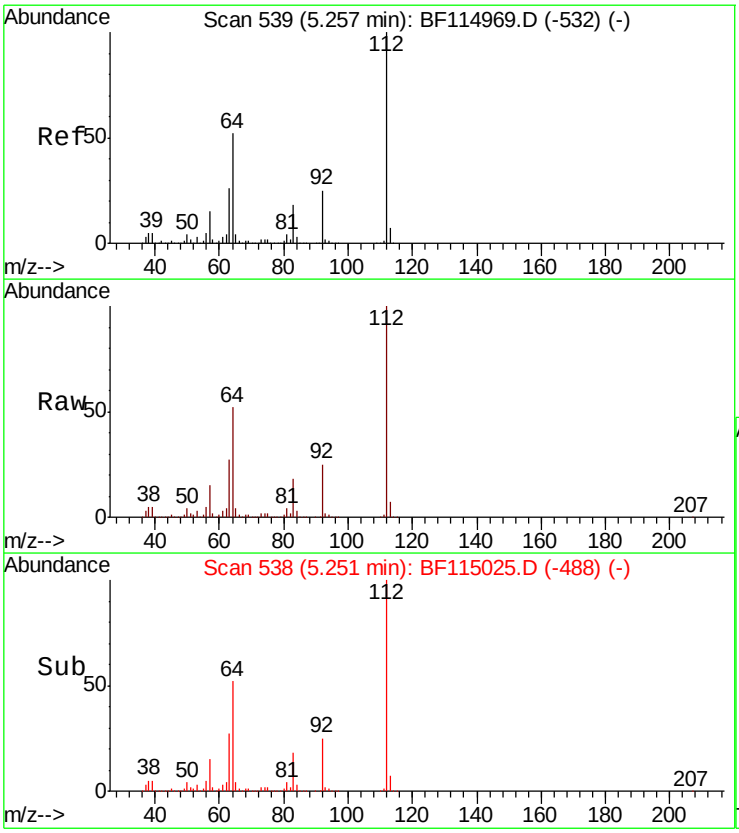
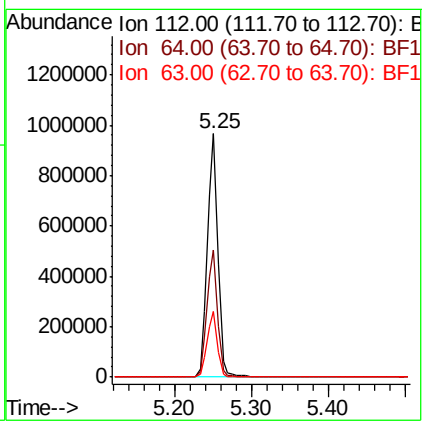
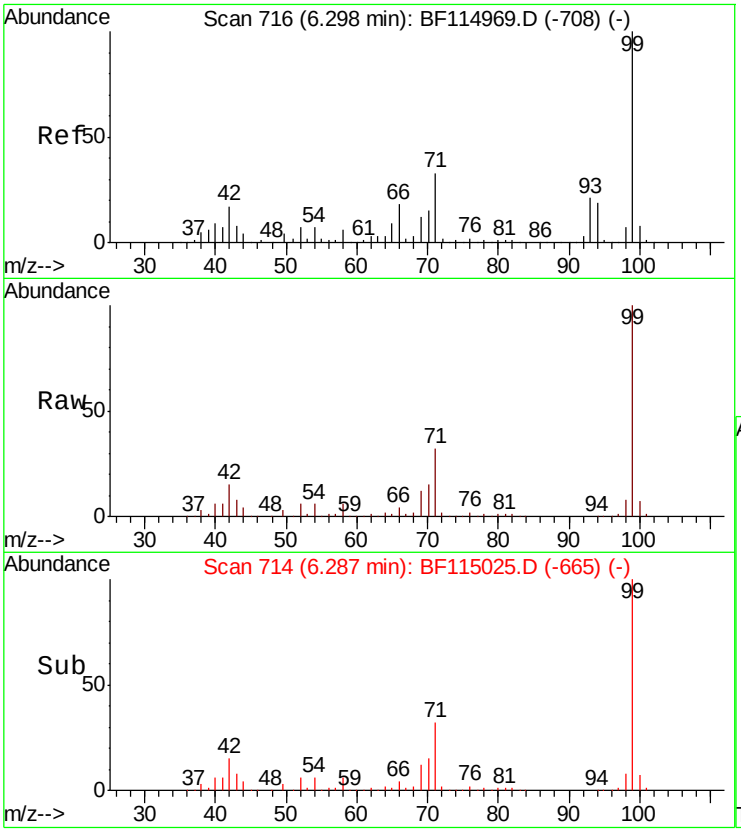


#5
2-Fluorophenol
Concen: 108.768 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:112 Resp: 909182

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.6	62.4
63	26.8	20.9	31.3

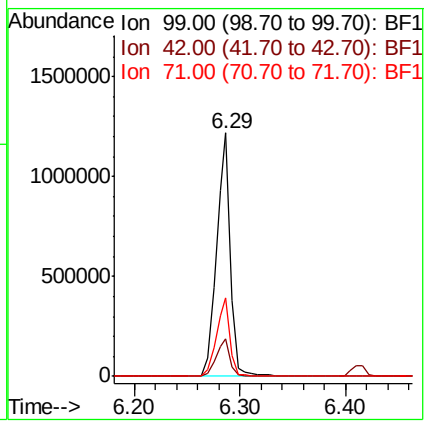




#7
Phenol-d6
Concen: 111.984 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion: 99 Resp: 1129159

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.2
71	32.3	26.4	39.6



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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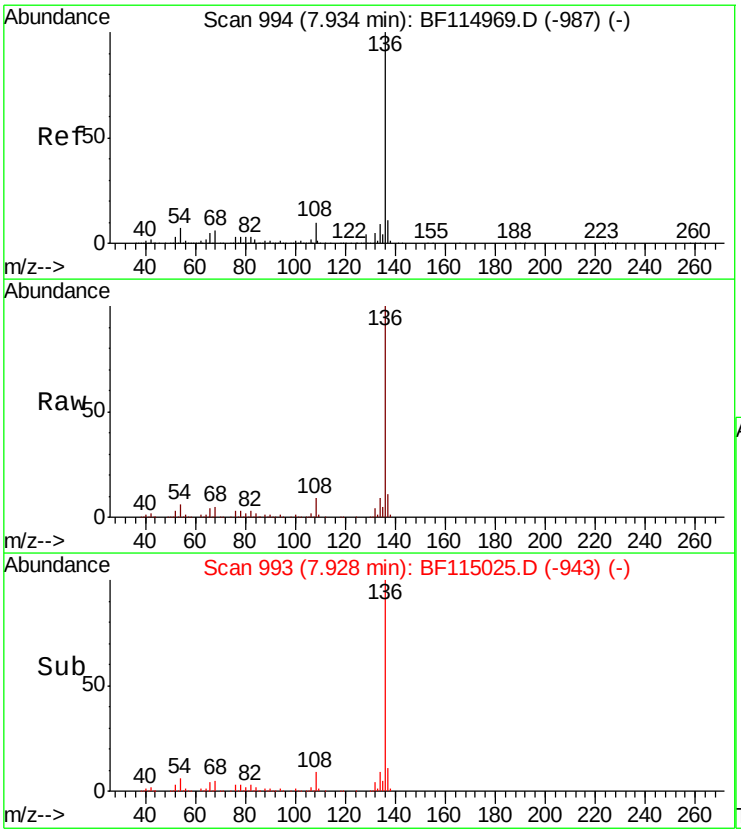
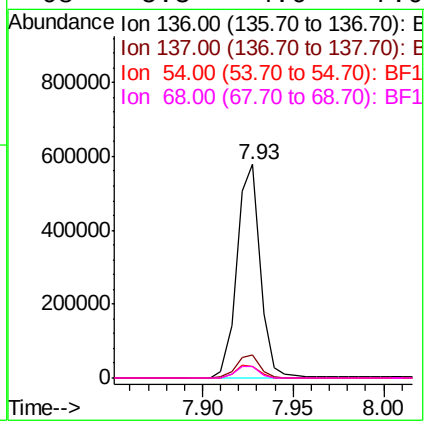
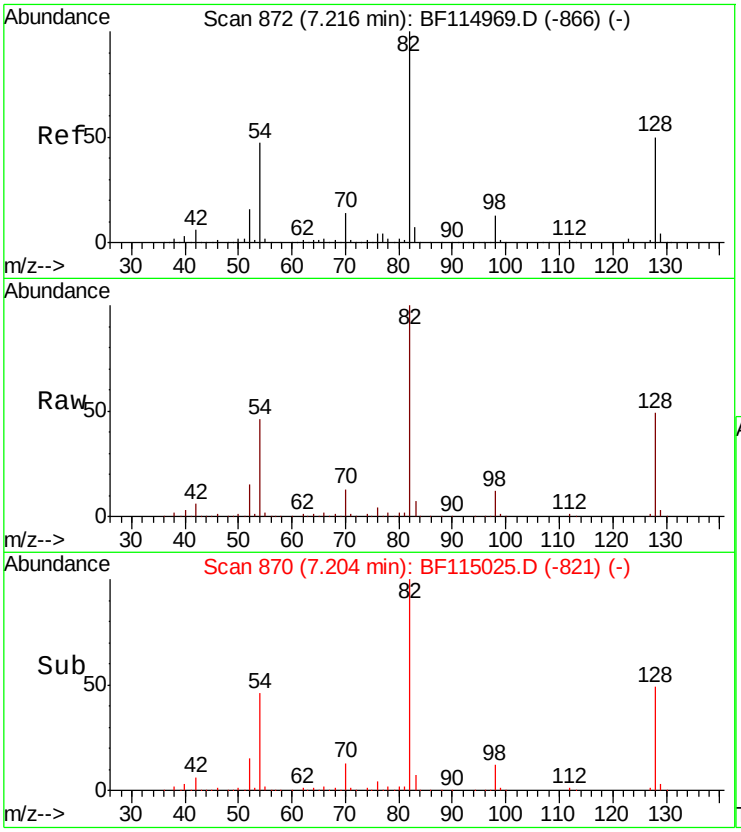


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:136 Resp: 522205

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.7	5.4	8.0
68	5.3	4.6	7.0

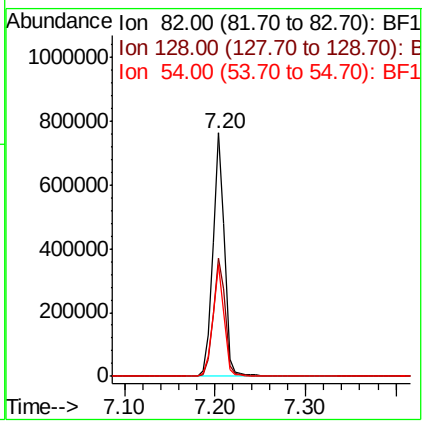




#23
Nitrobenzene-d5
Concen: 78.435 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion: 82 Resp: 680470

Ion	Ratio	Lower	Upper
82	100		
128	48.6	39.9	59.9
54	45.8	37.3	55.9



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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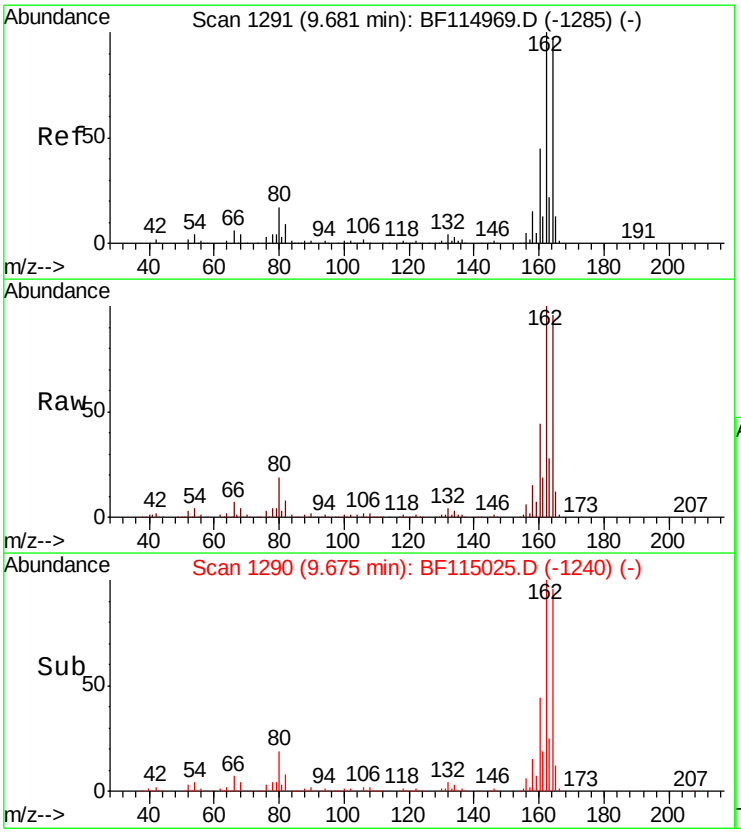
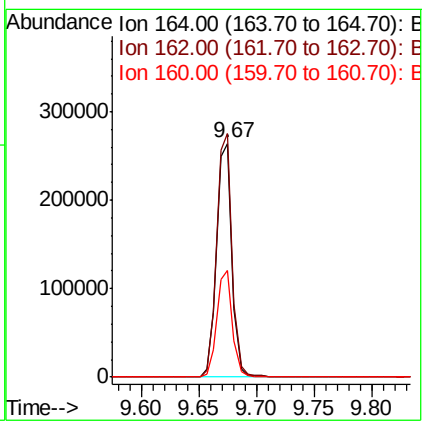
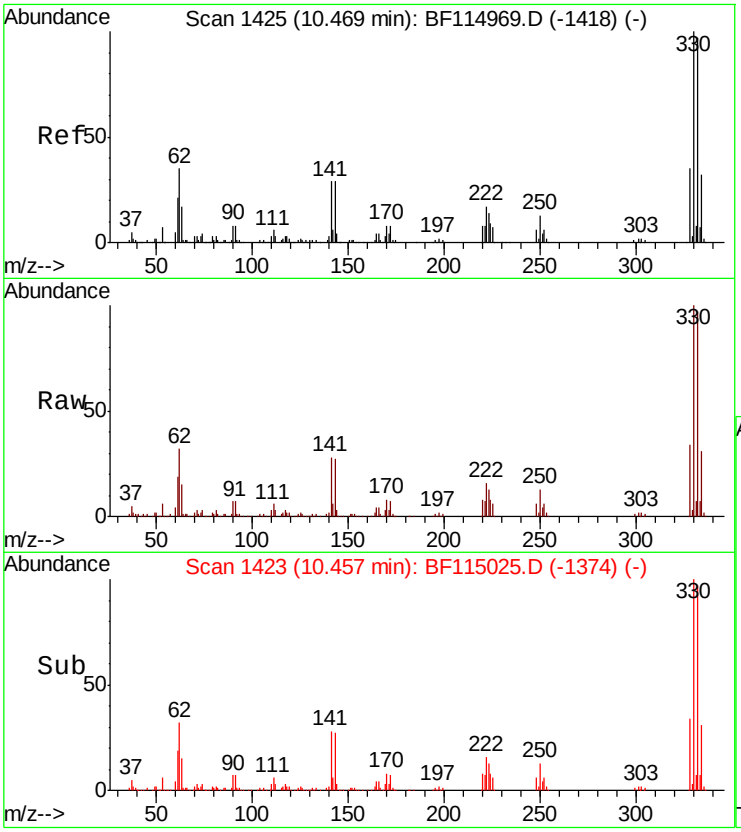


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:164 Resp: 244227

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	124.0
160	45.9	36.9	55.3





#42
2,4,6-Tribromophenol
Concen: 92.046 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:330 Resp: 240731

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.6	116.4
141	34.7	27.2	40.8

Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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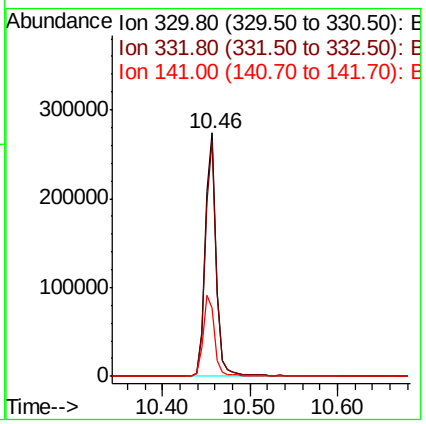
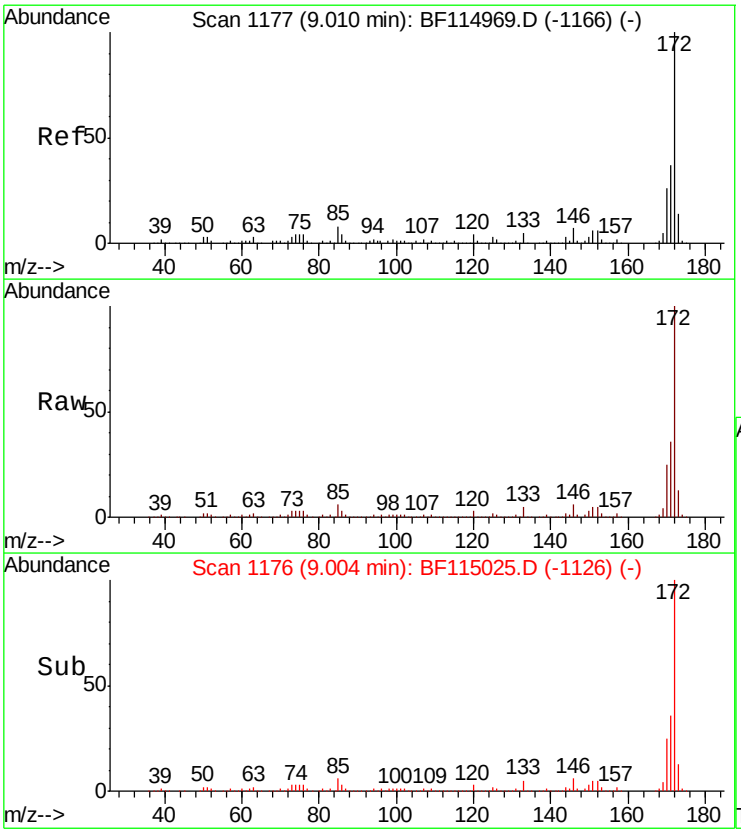
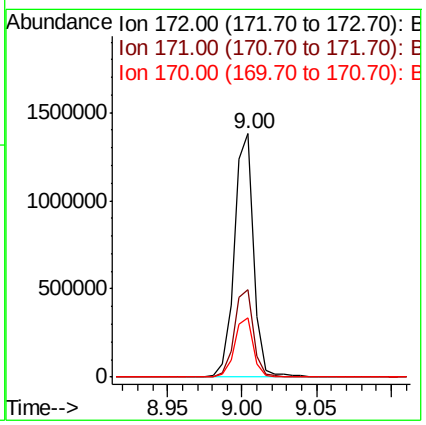


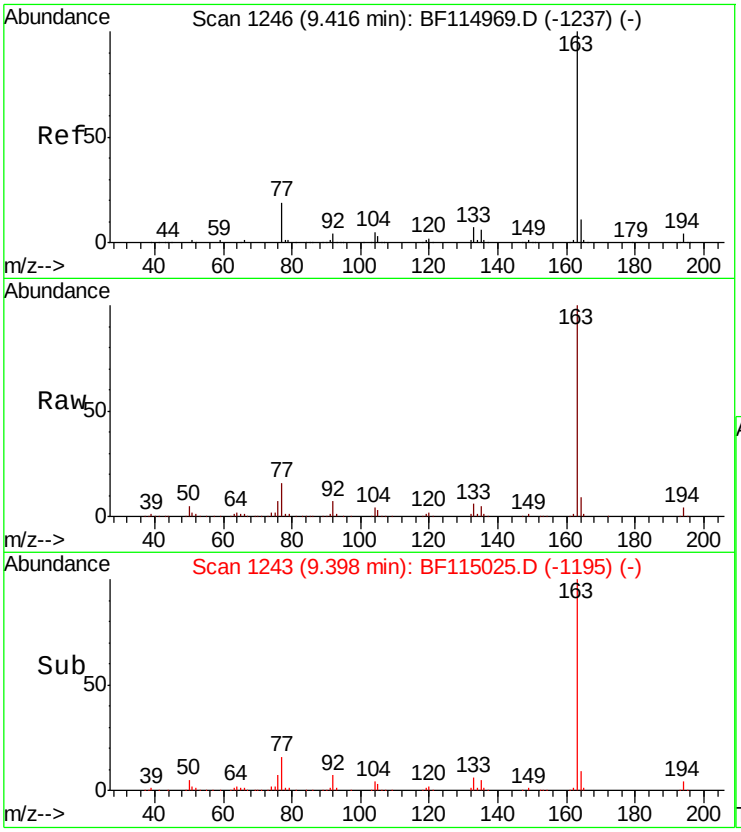


#45
2-Fluorobiphenyl
Concen: 87.182 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:172 Resp: 1256300

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.5	20.6	31.0

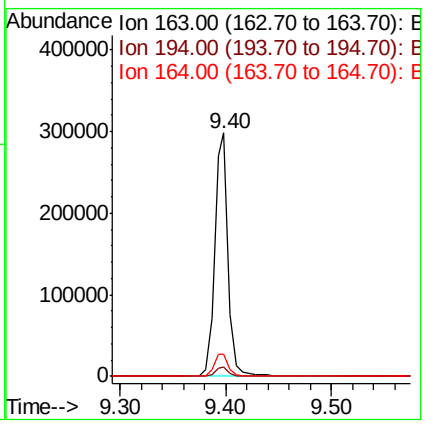




#50
Dimethylphthalate
Concen: 14.581 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:163 Resp: 267808

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.2	8.6	12.8



Instrument :
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ClientSampleId :
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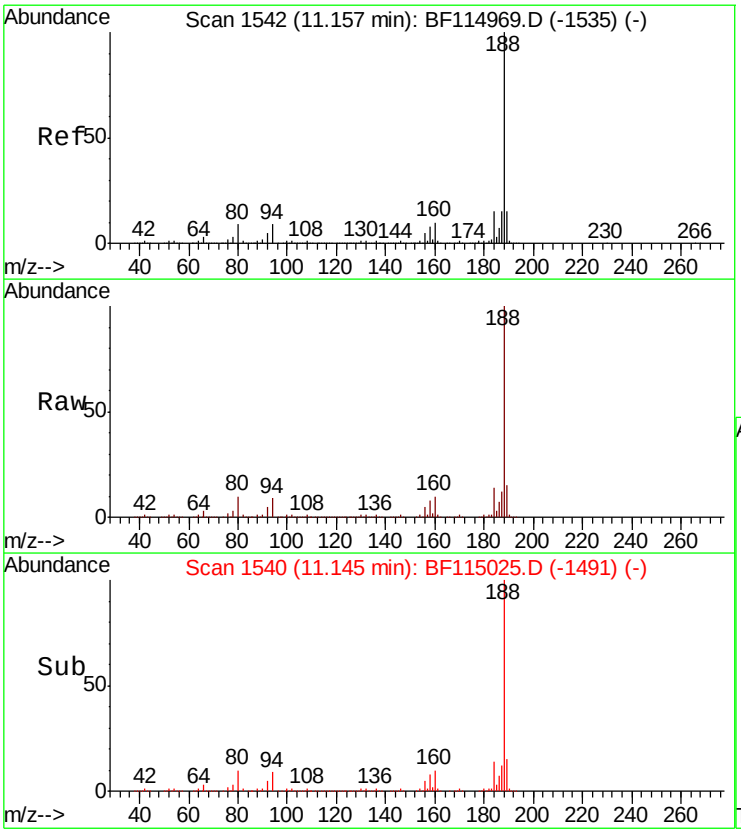
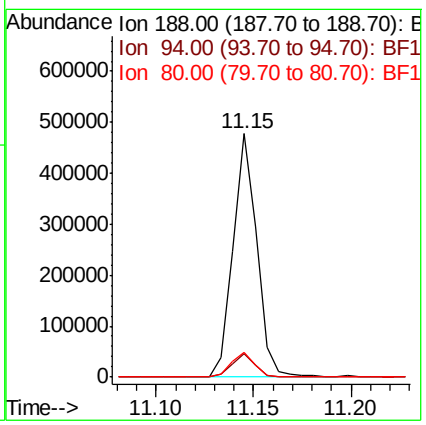
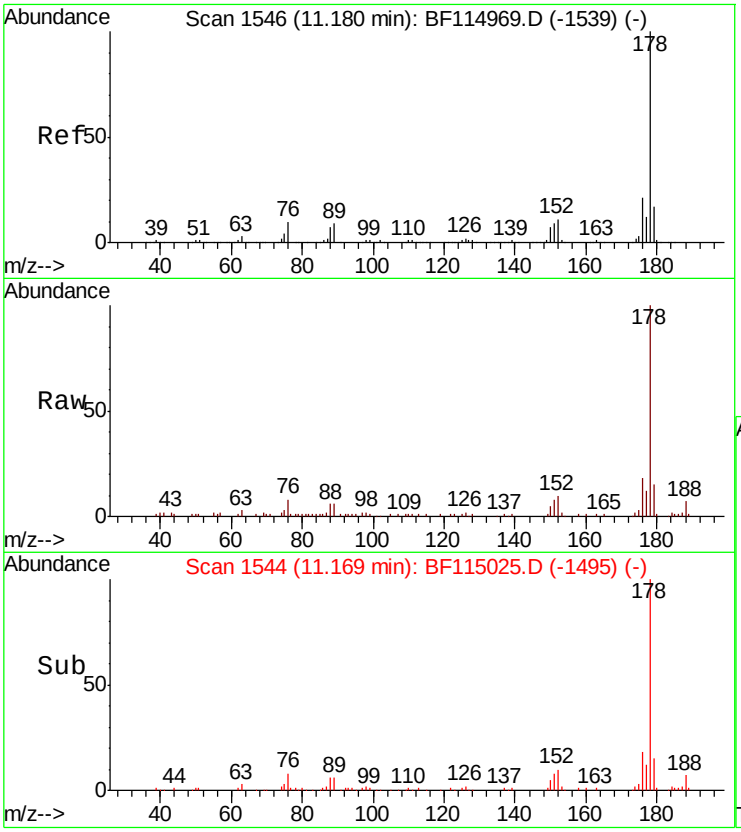


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:188 Resp: 403272

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.4	11.2

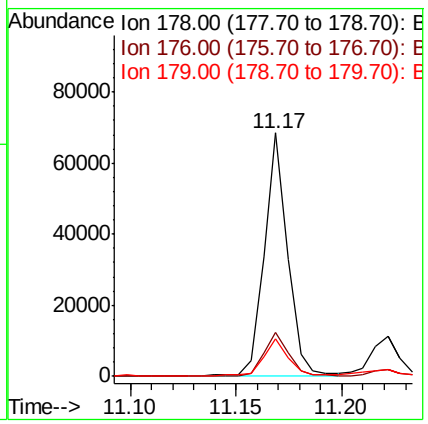




#71
Phenanthrene
Concen: 2.549 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:178 Resp: 53077

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.9	25.3
179	15.2	13.4	20.0



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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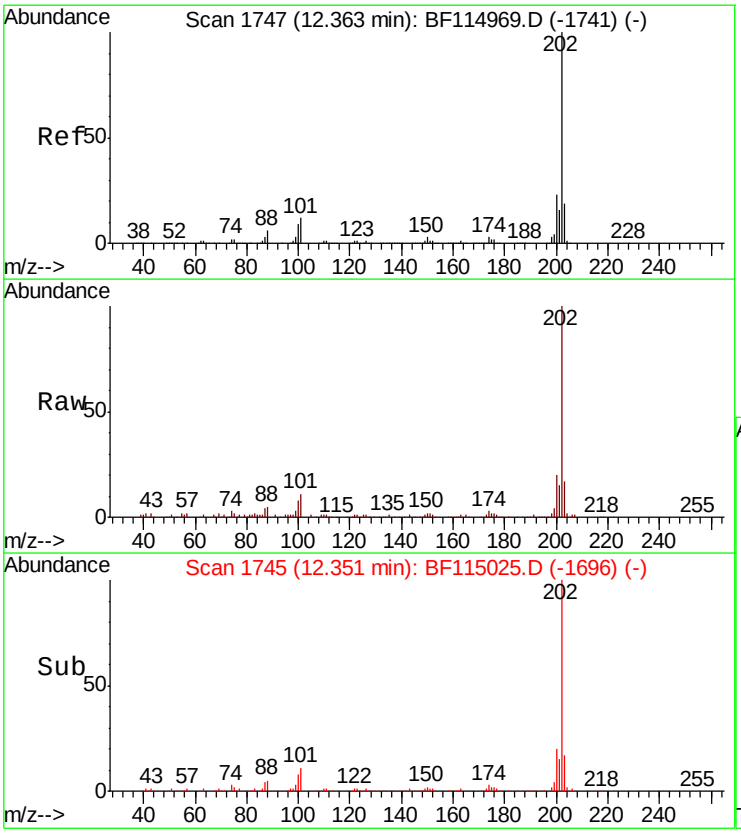
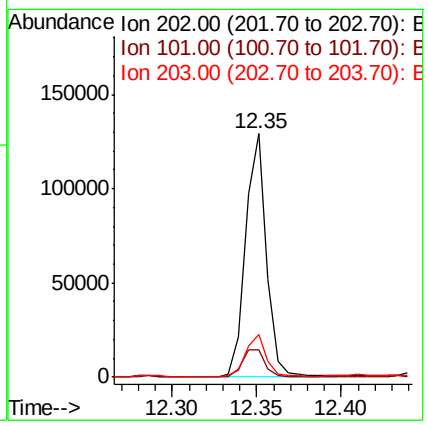
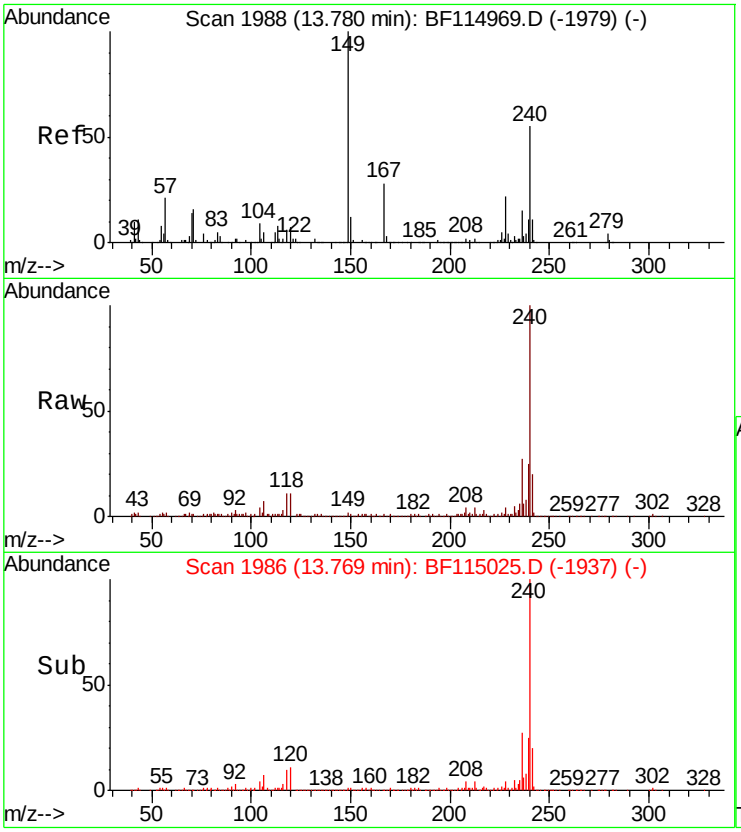


#75
Fluoranthene
Concen: 5.250 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:202 Resp: 111775

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.4
203	17.3	0.0	38.6

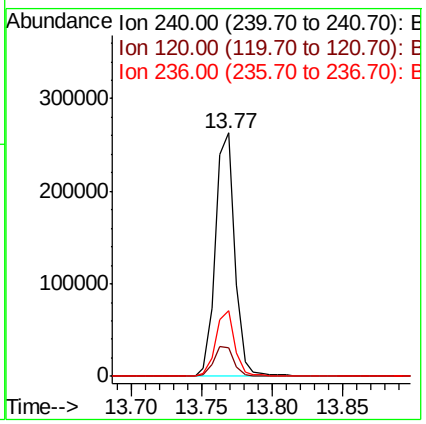




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:240 Resp: 253350

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.0	15.0
236	27.0	21.6	32.4



Instrument :
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ClientSampleId :
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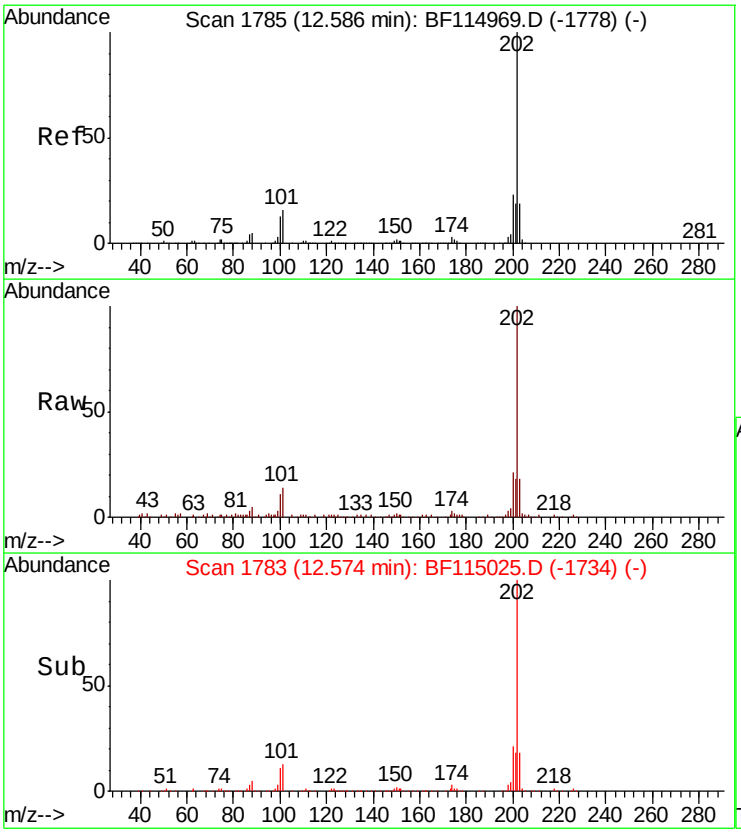
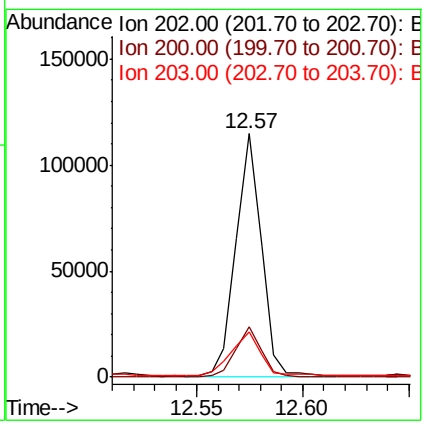
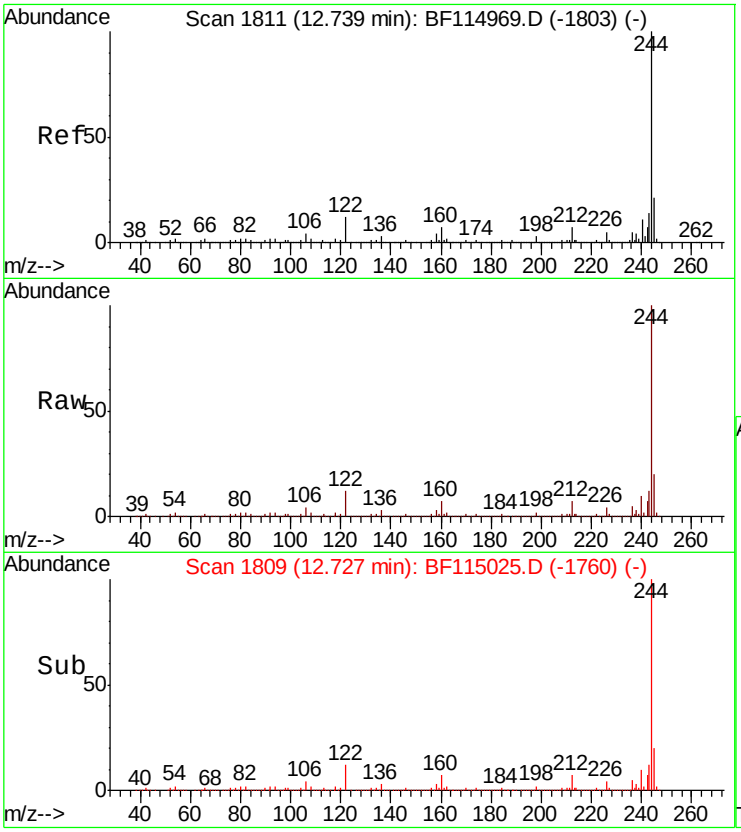


#78
Pyrene
Concen: 4.153 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:202 Resp: 95841

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.4	27.6
203	18.4	14.9	22.3

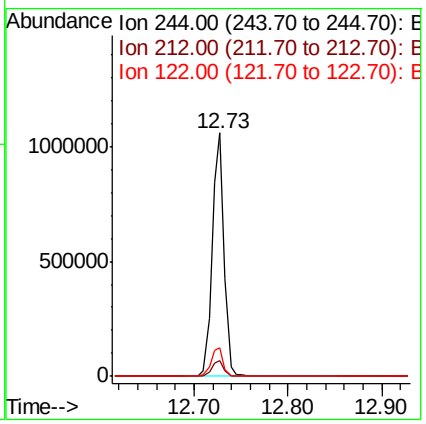




#79
Terphenyl-d14
Concen: 70.171 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:244 Resp: 945194

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.6	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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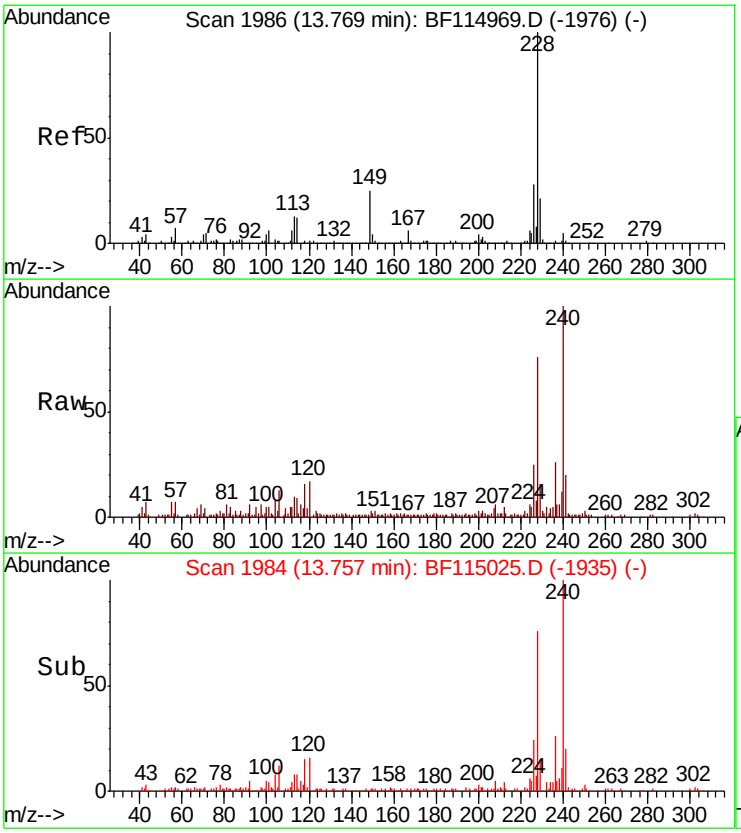
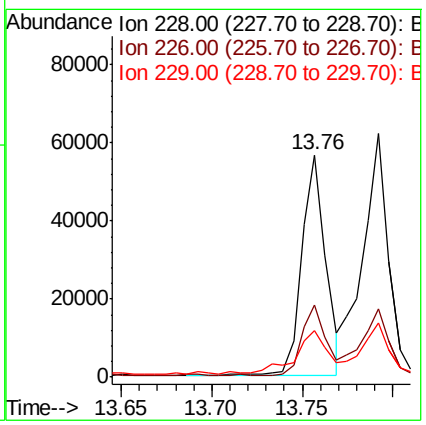
6/14/2019 8:47:31 AM

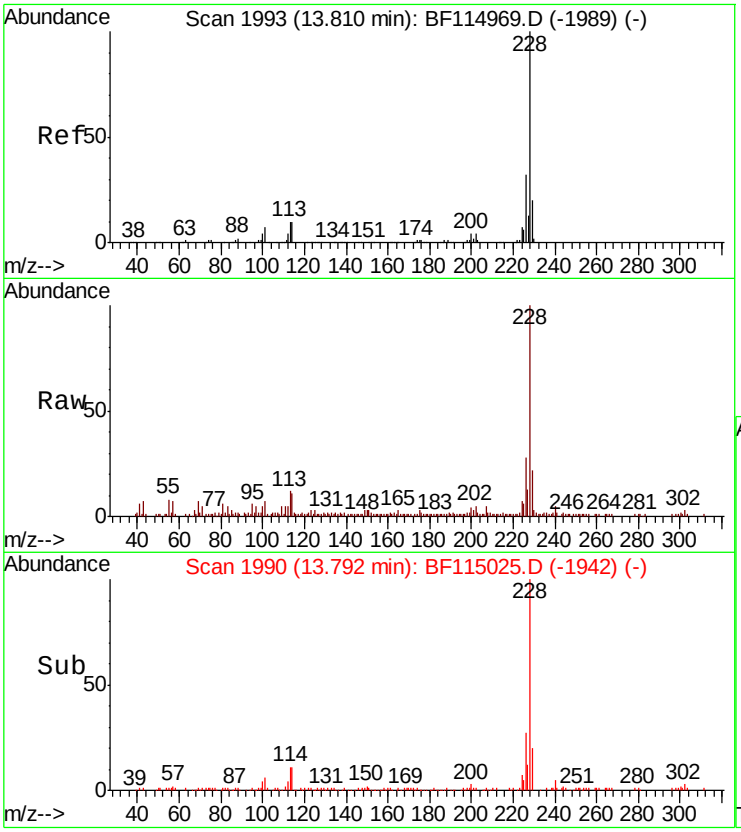


#81
Benzo(a)anthracene
Concen: 2.819 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:228 Resp: 53451

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.0	33.0
229	21.1	16.6	25.0

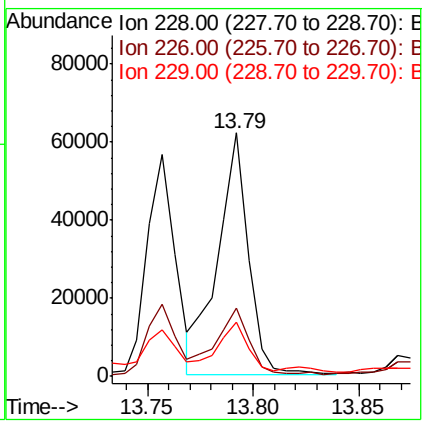




#83
Chrysene
Concen: 3.294 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:228 Resp: 62105

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.4	38.0
229	22.1	16.4	24.6



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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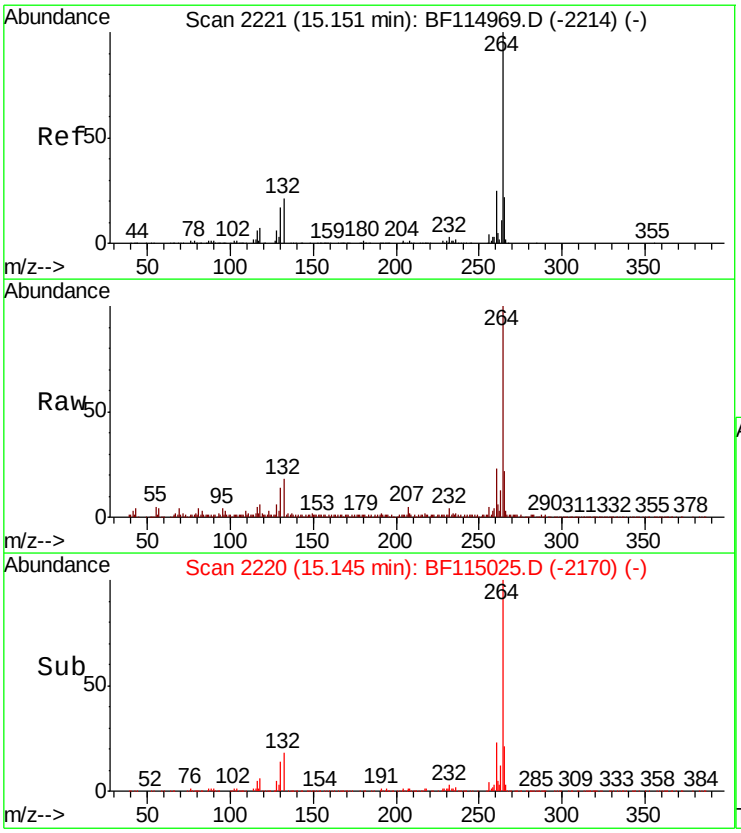
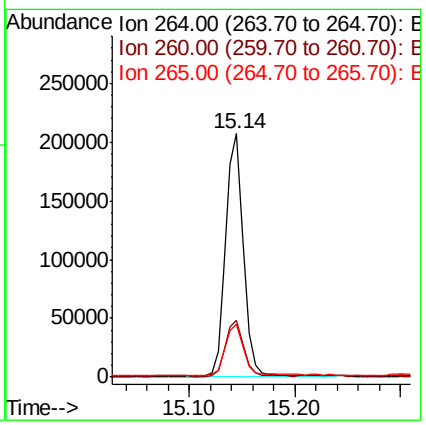
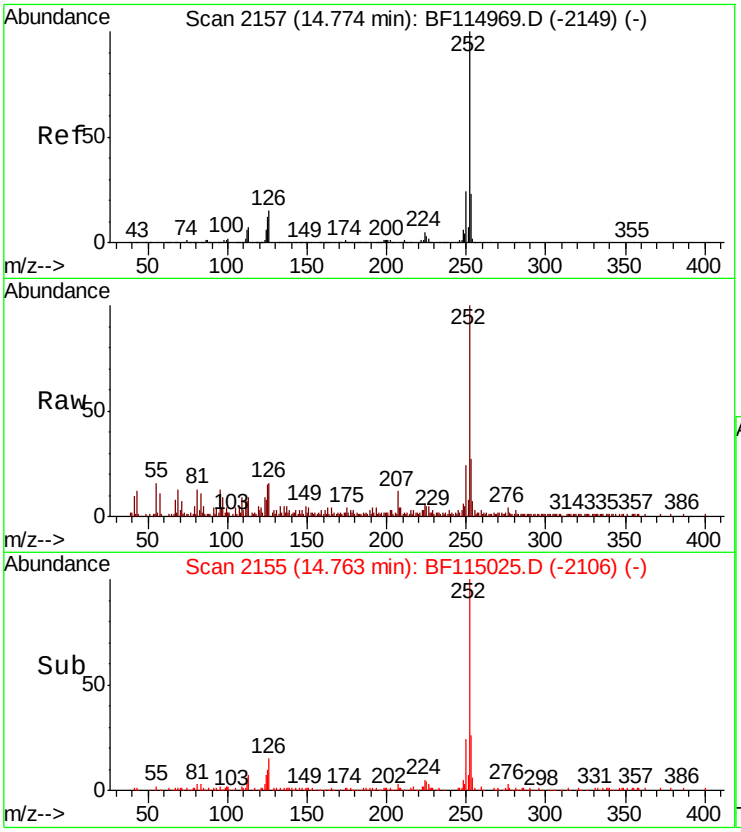


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:264 Resp: 239421

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.9	29.9
265	21.8	17.6	26.4

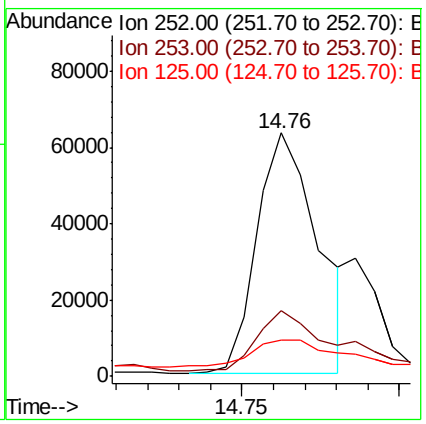




#88
Benzo(b)fluoranthene
Concen: 5.314 ng m
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:252 Resp: 84581

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	14.9	9.4	14.0#



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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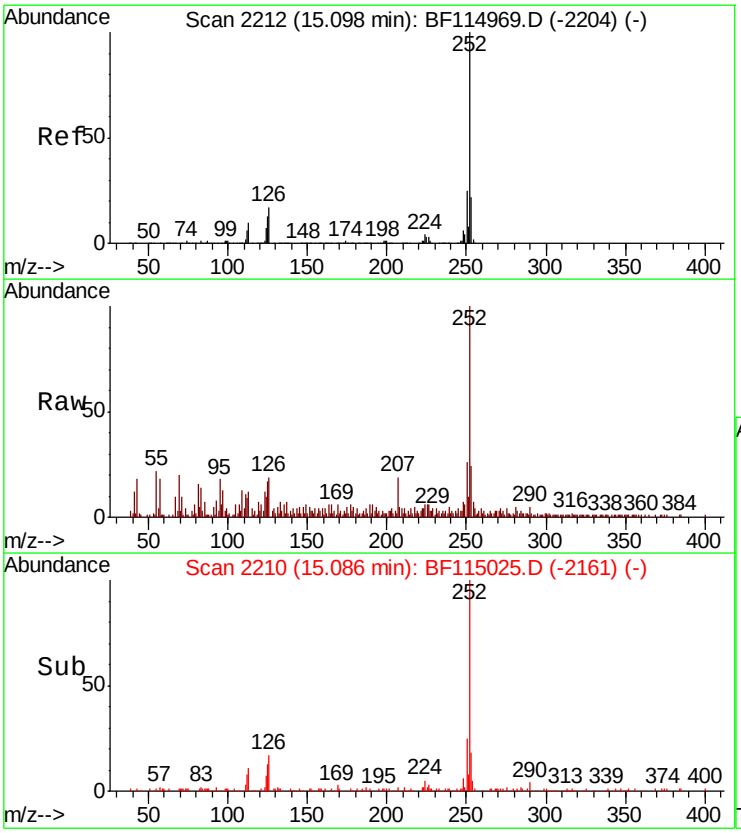
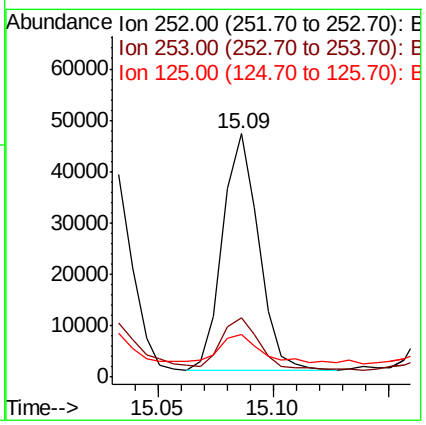
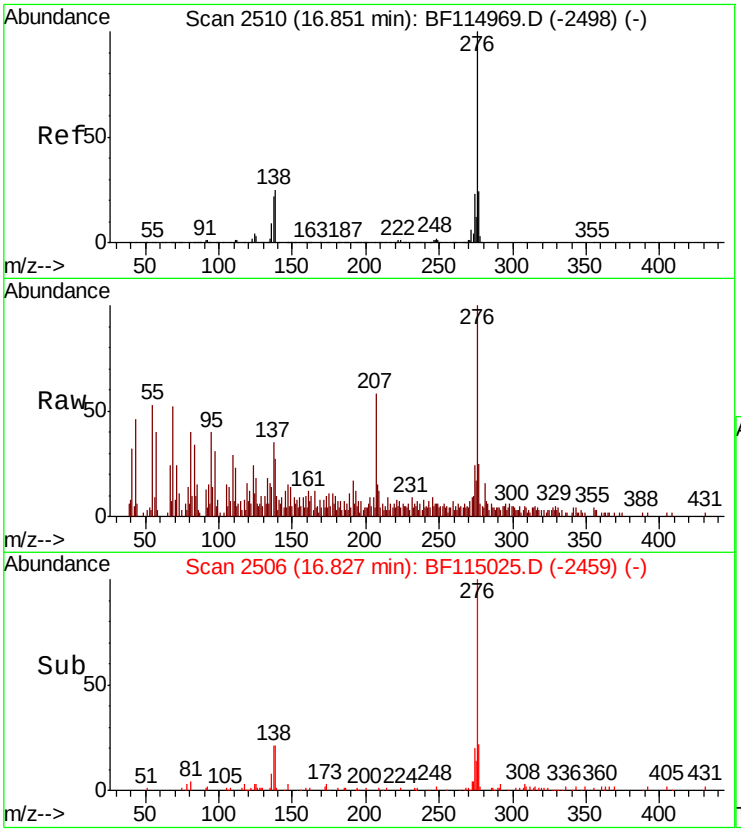


#90
Benzo(a)pyrene
Concen: 3.652 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:252 Resp: 50153

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	17.4	10.7	16.1#

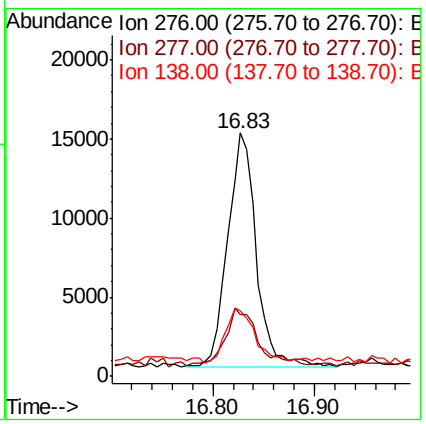




#92
Benzo(g,h,i)perylene
Concen: 2.413 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.02 min
Lab File: BF115025.D
Acq: 14 Jun 2019 1:50

Tgt Ion:276 Resp: 29101

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	26.8	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
HD-01-061219

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