Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Manual Integrations APPROVED
Sohil
4/11/2019 2:40:00 PM

Quant Time: Apr 11 07:54:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	136669	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	503069	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	213189	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	385661	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	345978	20.00	ng	-0.02
87) Perylene-d12	15.23	264	251945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	132330	16.51	ng	0.00
7) Phenol-d6	6.34	99	176628	17.88	ng	0.00
23) Nitrobenzene-d5	7.25	82	89454	10.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	36178	14.13	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	170422	12.87	ng	-0.02
79) Terphenyl-d14	12.77	244	153674	9.04	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.22	178	105362	5.498	ng	97
75) Fluoranthene	12.40	202	203844	9.926	ng	98
78) Pyrene	12.63	202	182603	6.936	ng	98
81) Benzo(a)anthracene	13.82	228	116202	5.822	ng	99
83) Chrysene	13.85	228	108716	5.374	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	57911	3.100	ng	95
88) Benzo(b)fluoranthene	14.84	252	129196m	8.377	ng	
89) Benzo(k)fluoranthene	14.86	252	41296m	2.984	ng	
90) Benzo(a)pyrene	15.18	252	87426	6.380	ng	98
92) Benzo(g,h,i)perylene	17.02	276	55236	4.223	ng	95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 07:54:19 2019
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QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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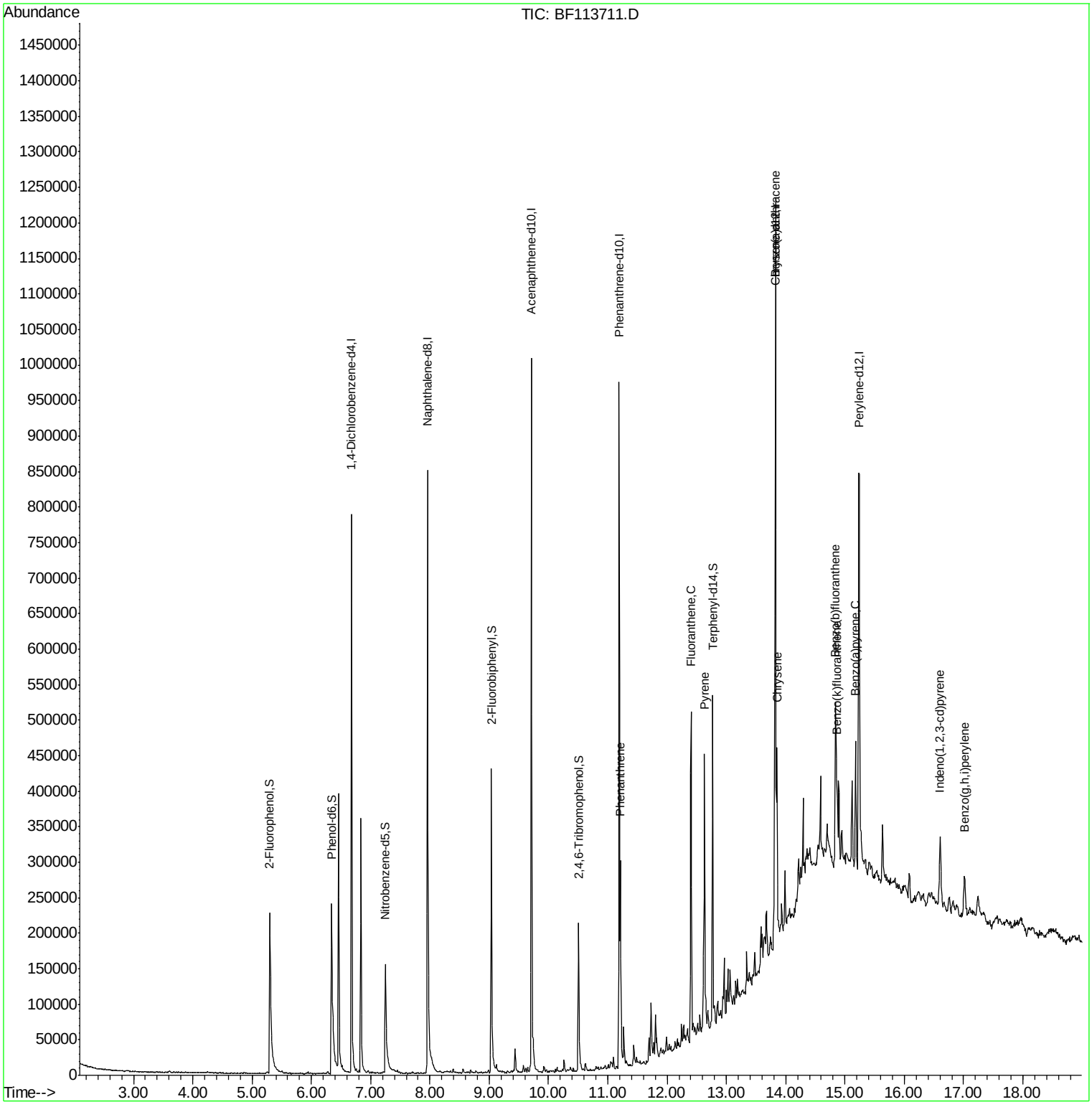
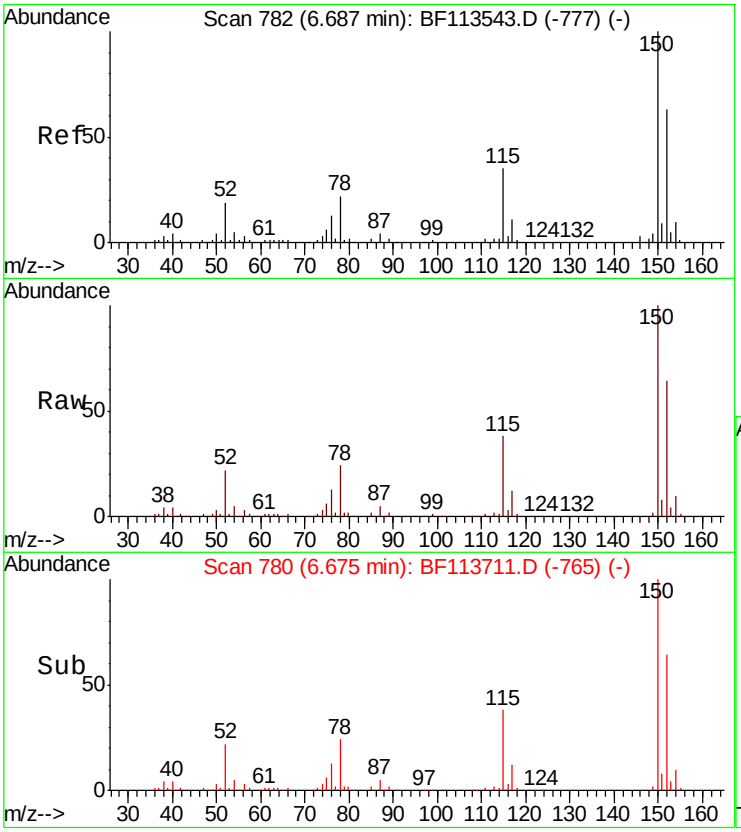
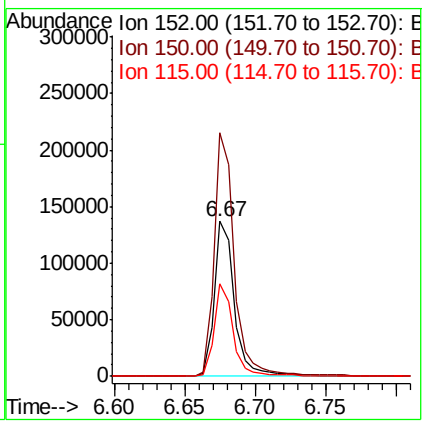




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:152 Resp: 136669

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	59.7	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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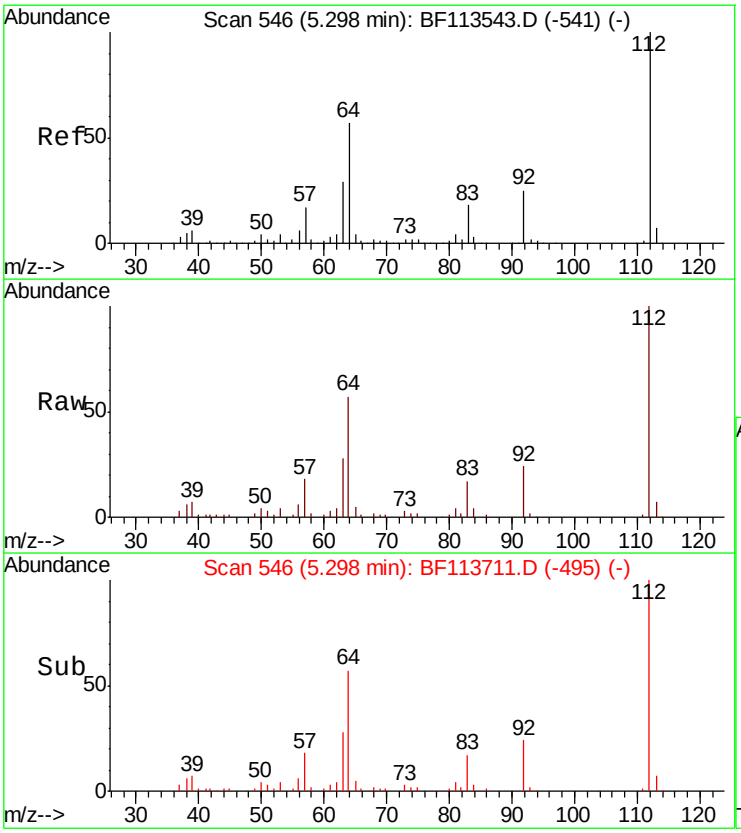
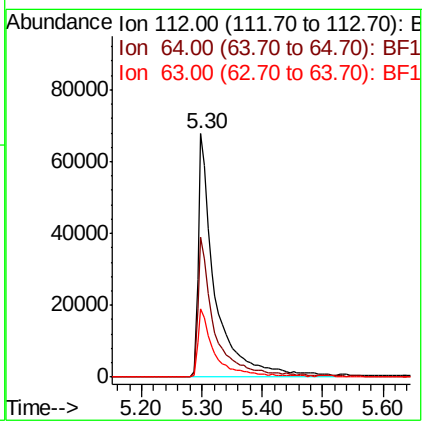
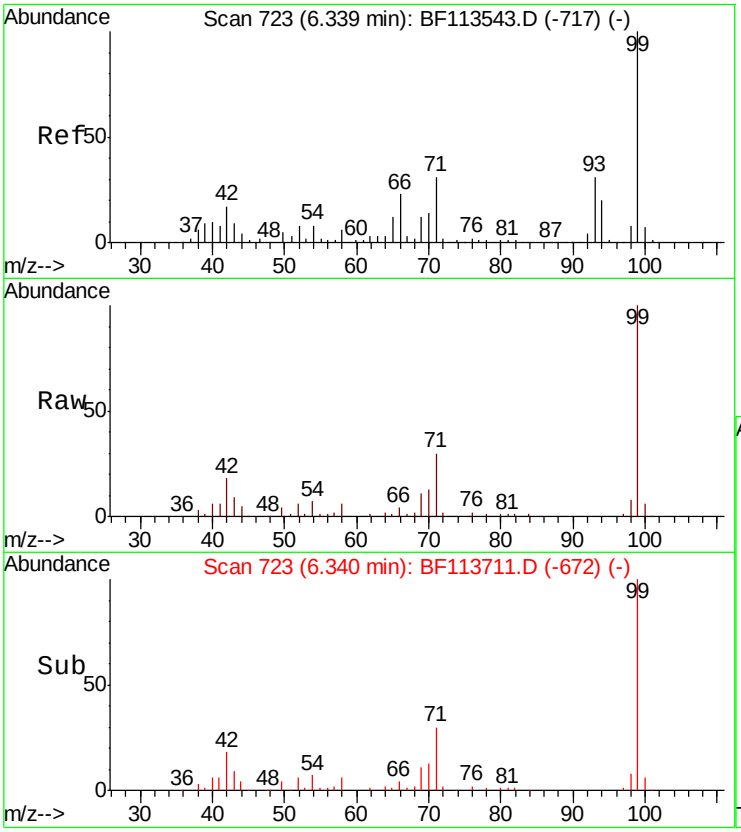


#5
2-Fluorophenol
Concen: 16.511 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:112 Resp: 132330

Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.2	73.8
63	28.3	24.9	37.3

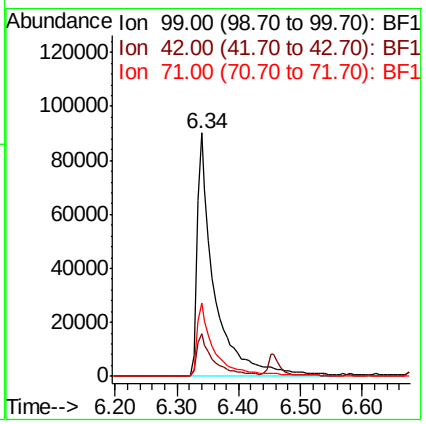




#7
Phenol-d6
Concen: 17.881 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion: 99 Resp: 176628

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	30.0	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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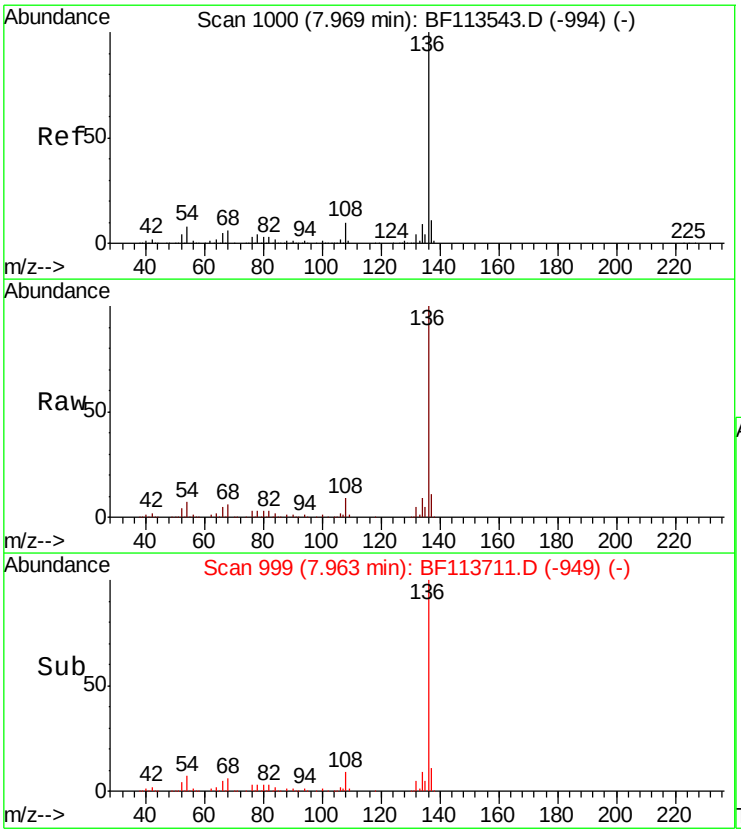
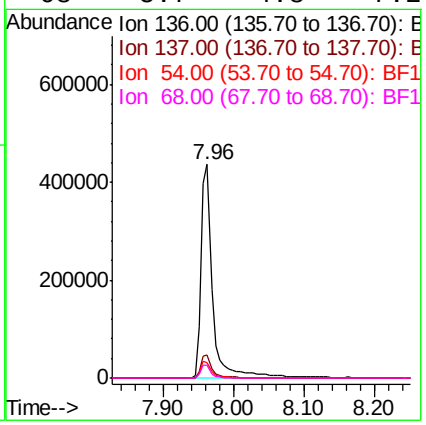
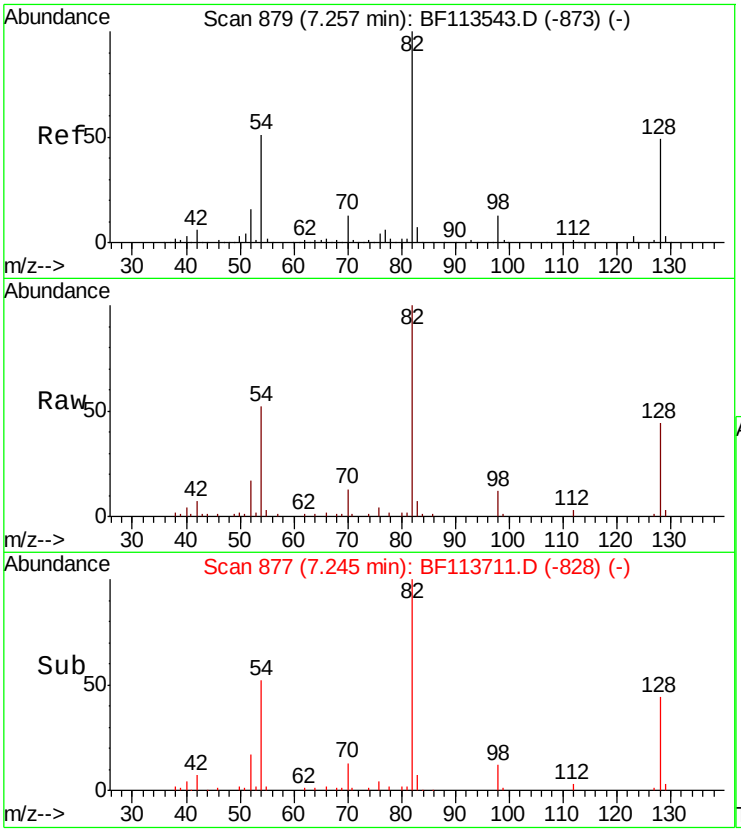


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:136 Resp: 503069

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.7	4.8	7.2

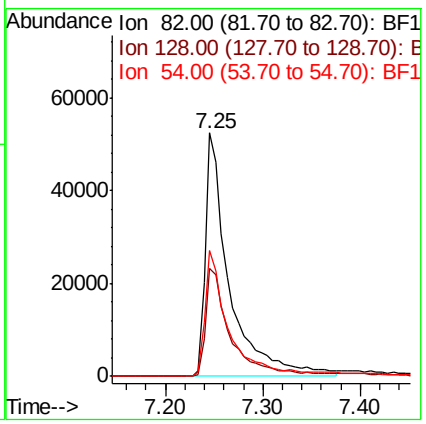




#23
Nitrobenzene-d5
Concen: 10.416 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion: 82 Resp: 89454

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.5	54.7
54	51.7	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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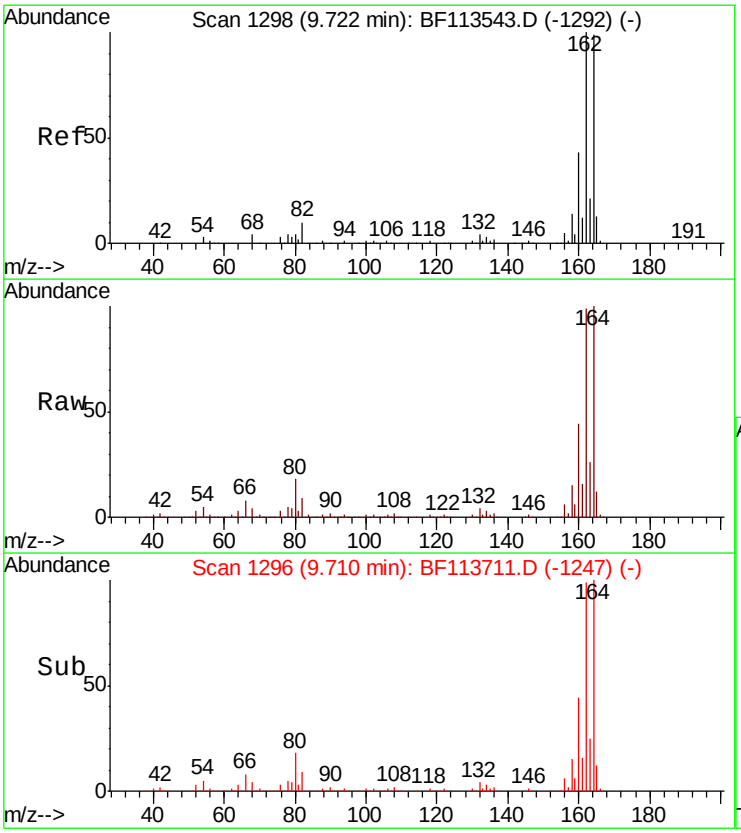
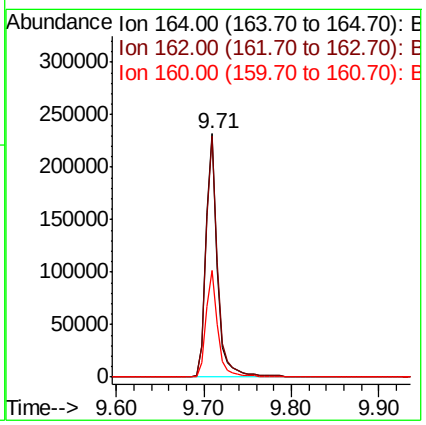
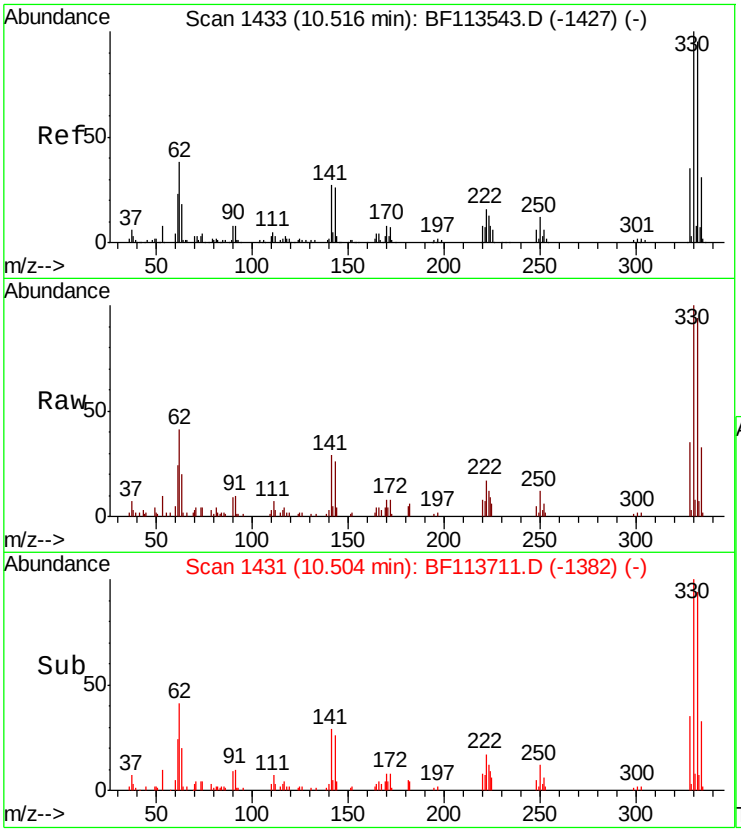


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:164 Resp: 213189

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.8	122.6
160	43.8	36.4	54.6

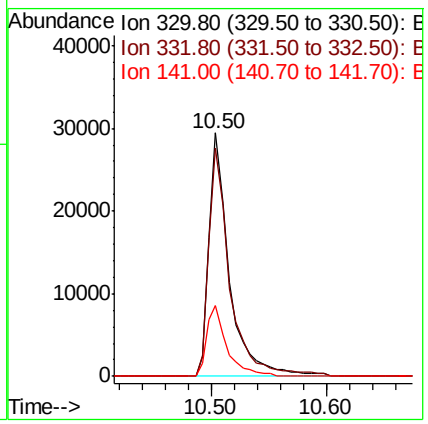




#42
2,4,6-Tribromophenol
Concen: 14.127 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:330 Resp: 36178

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	28.5	22.7	34.1



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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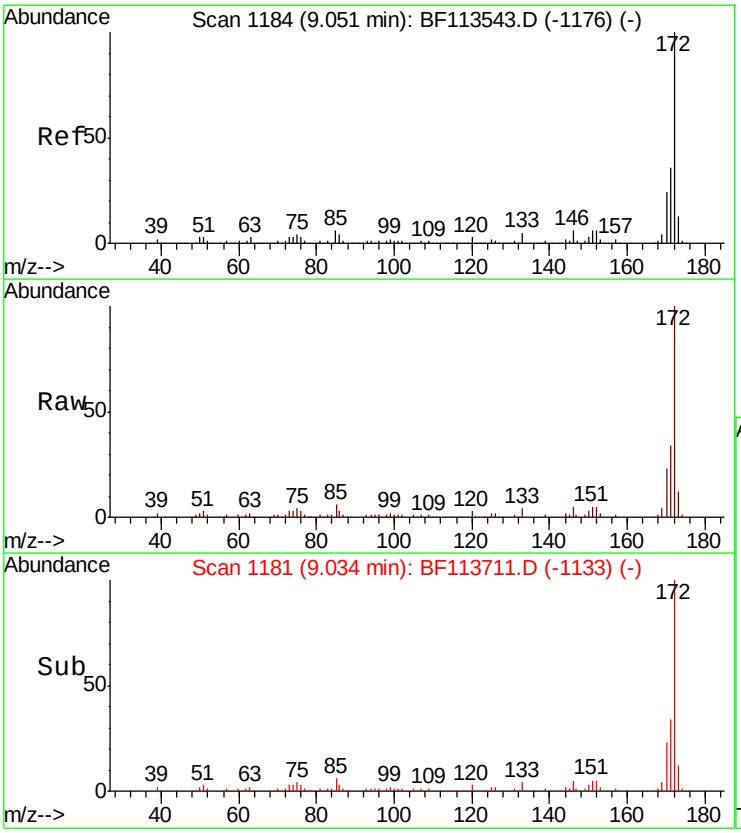
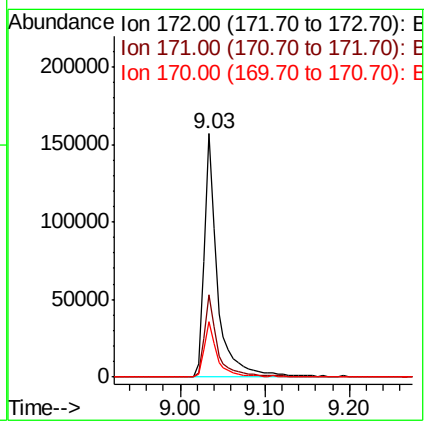
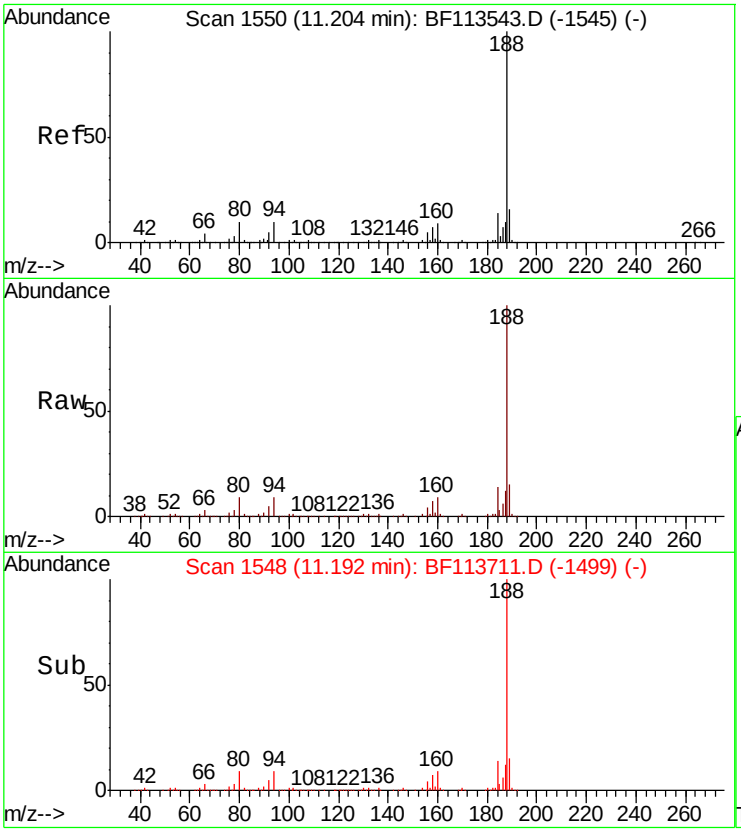


#45
2-Fluorobiphenyl
Concen: 12.869 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:172 Resp: 170422

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.6
170	22.6	19.5	29.3

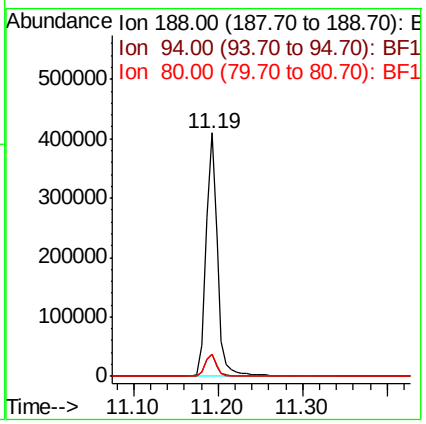




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:188 Resp: 385661

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.2	7.7	11.5



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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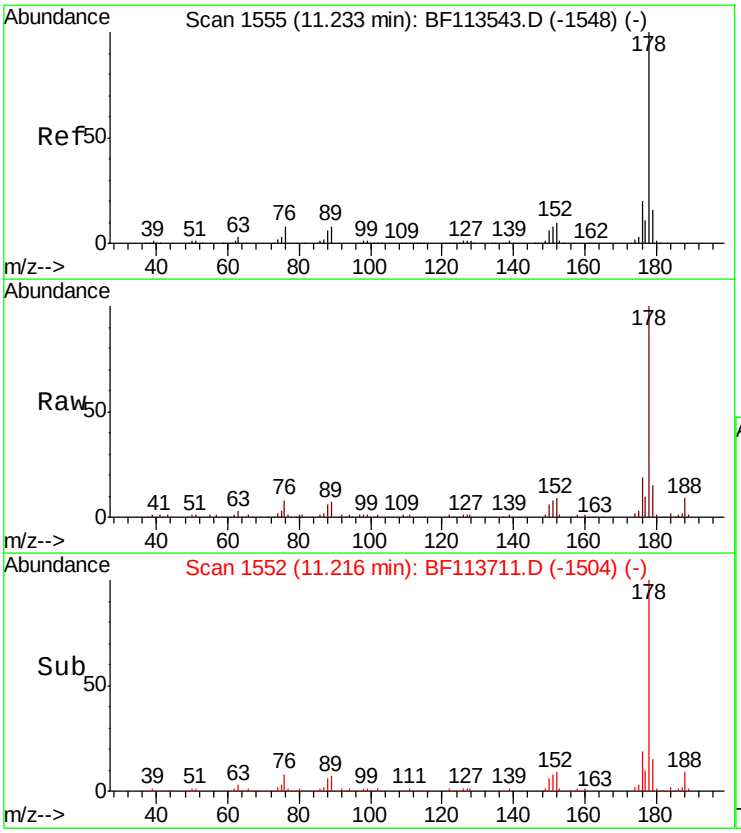
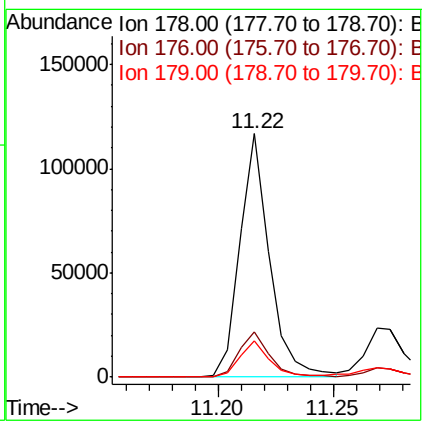
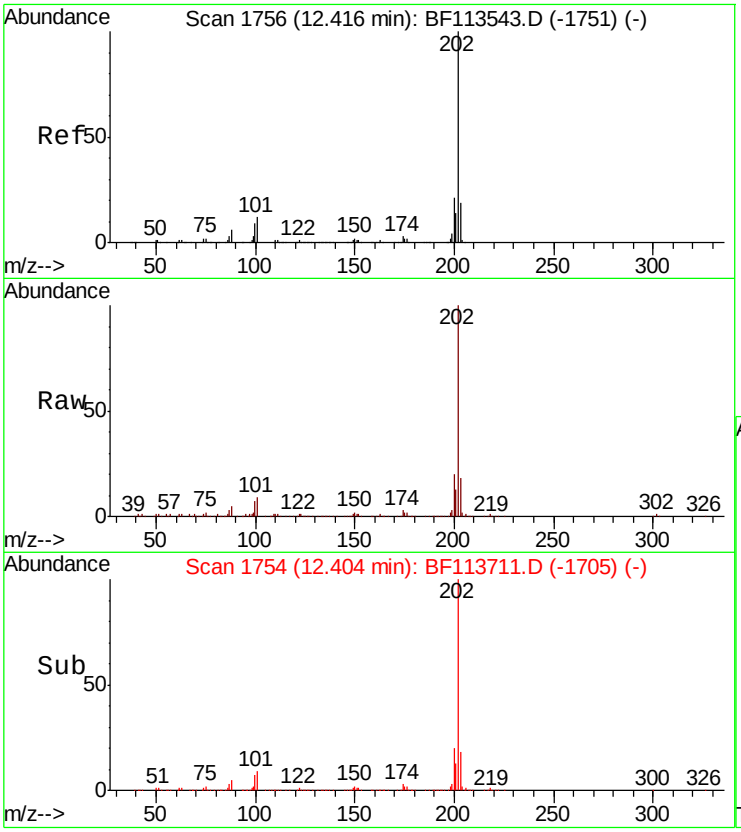


#71
Phenanthrene
Concen: 5.498 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:178 Resp: 105362

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.0	12.7	19.1

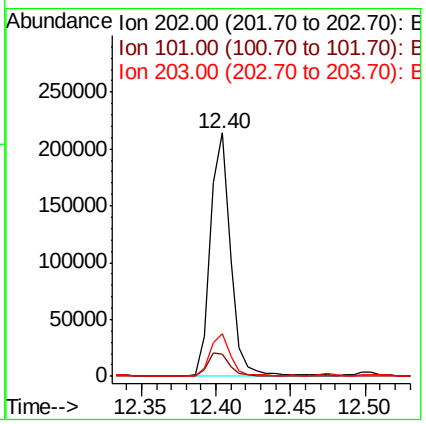




#75
Fluoranthene
Concen: 9.926 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:202 Resp: 203844

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.4
203	17.8	0.0	38.0



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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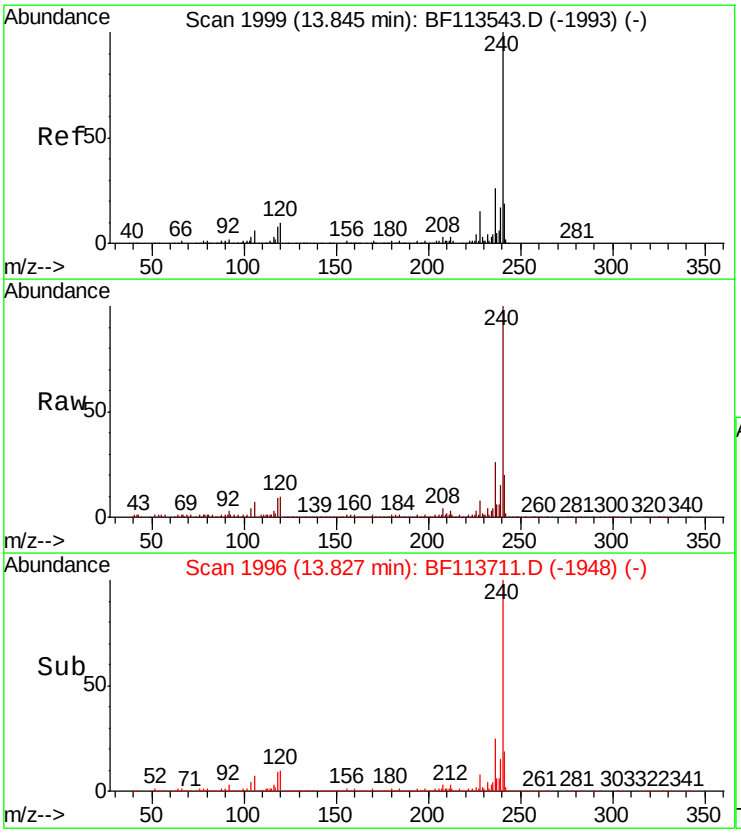
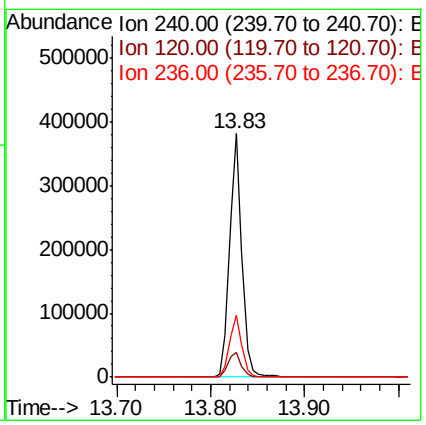
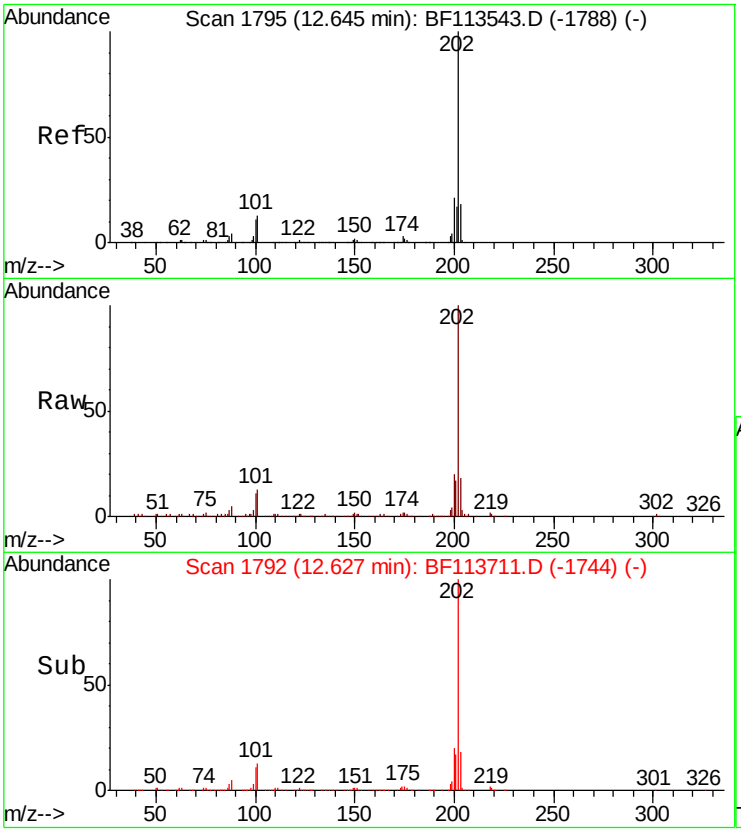


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:240 Resp: 345978

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.8	13.2
236	25.6	20.9	31.3

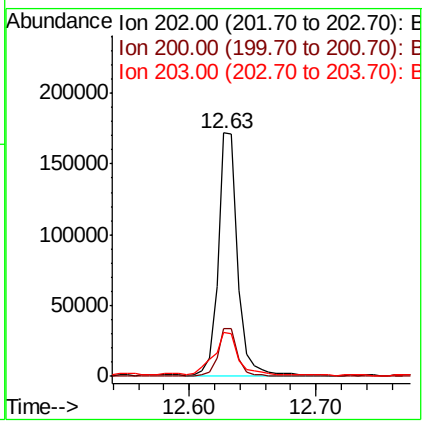




#78
Pyrene
Concen: 6.936 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:202 Resp: 182603

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	18.1	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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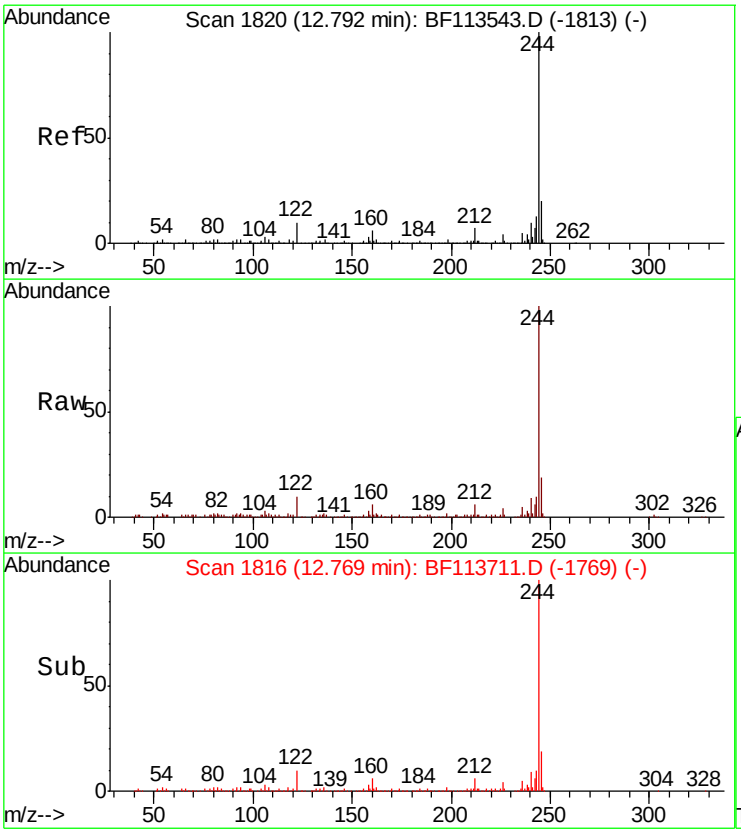
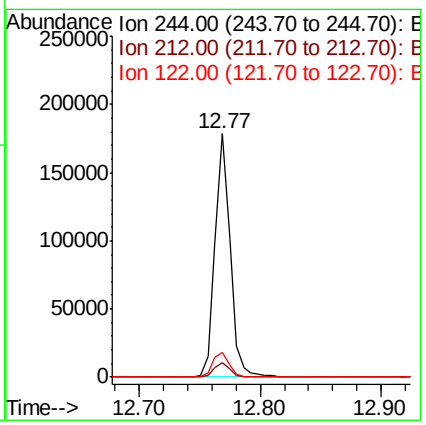
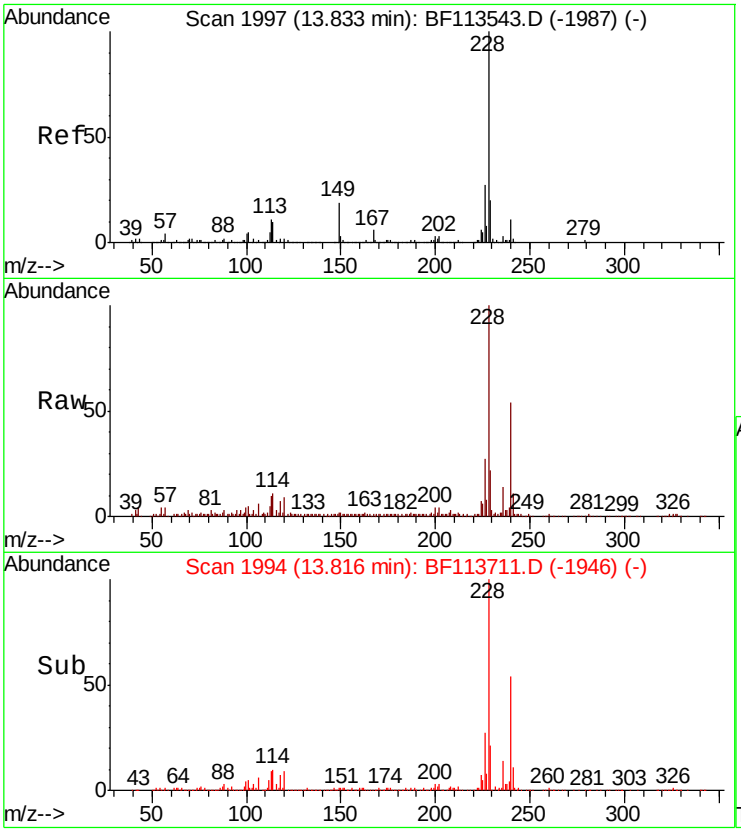


#79
Terphenyl-d14
Concen: 9.043 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:244 Resp: 153674

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	10.2	8.6	13.0

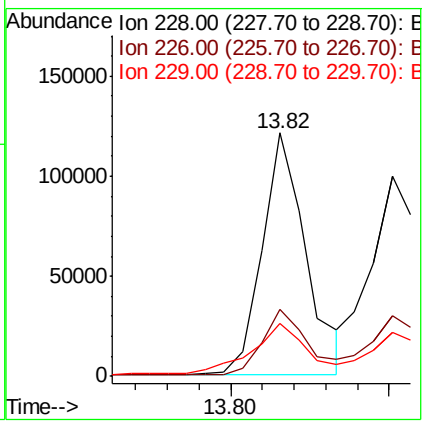




#81
Benzo(a)anthracene
Concen: 5.822 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:228 Resp: 116202

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	21.6	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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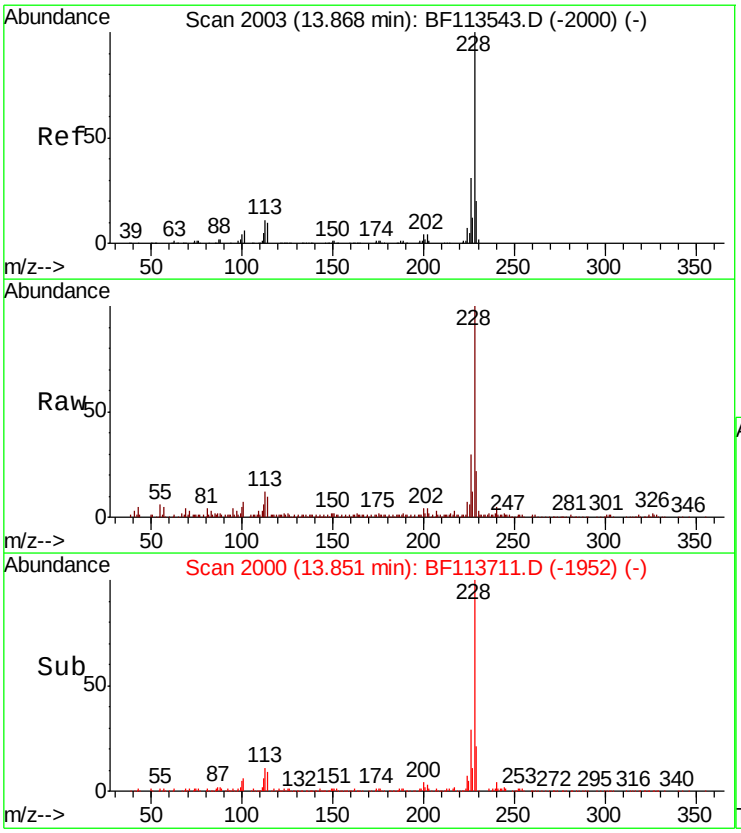
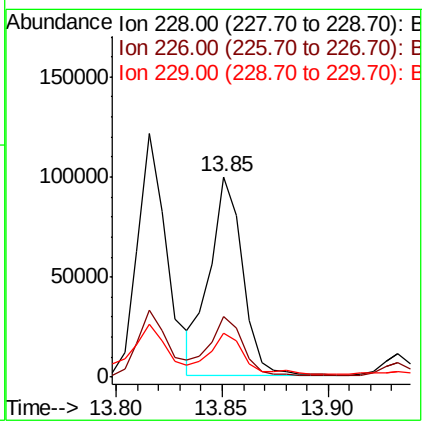
4/11/2019 2:40:00 PM

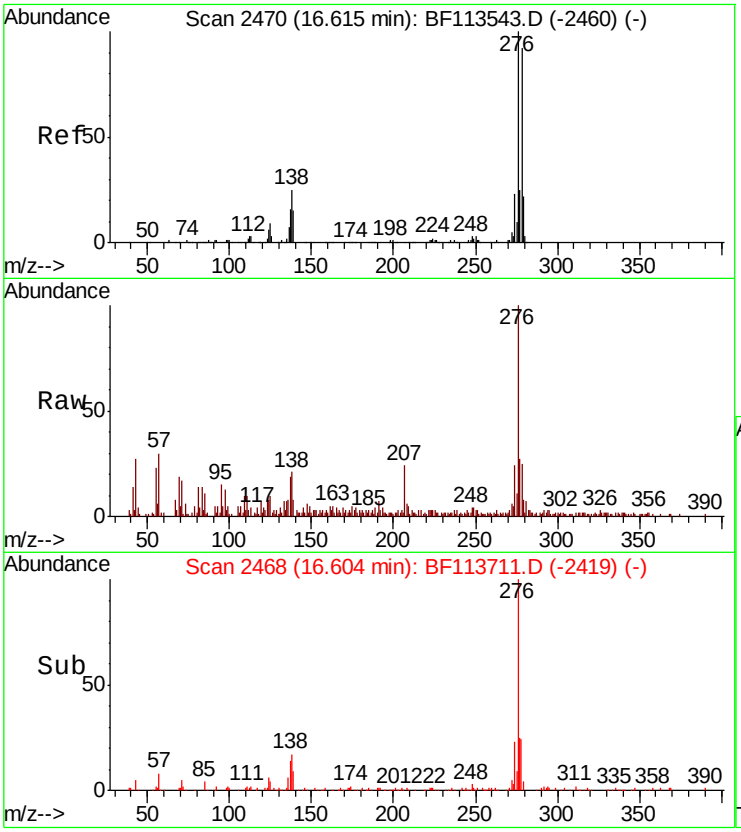


#83
Chrysene
Concen: 5.374 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:228 Resp: 108716

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	21.9	16.3	24.5

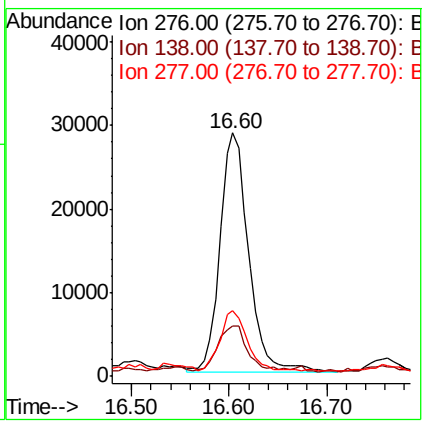




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.100 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:276 Resp: 57911

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.1	27.1
277	23.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
TP-11-S

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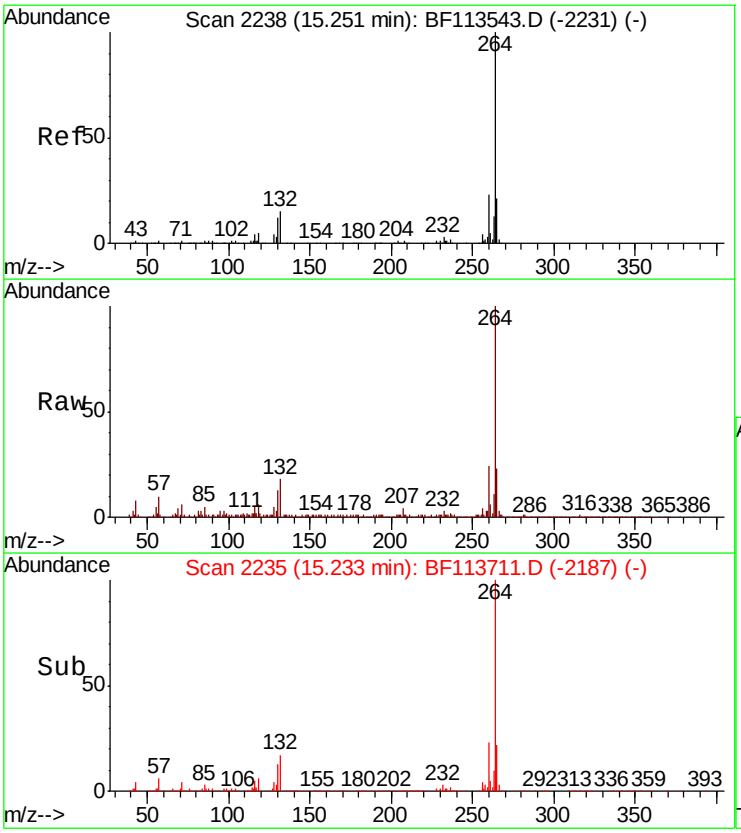
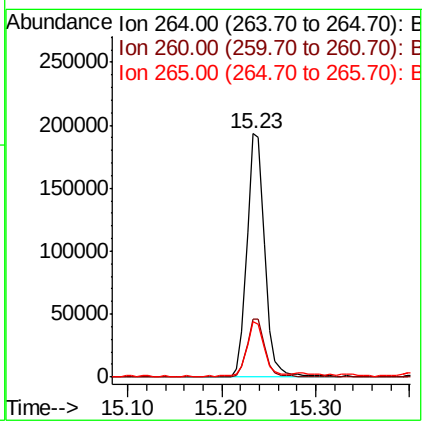
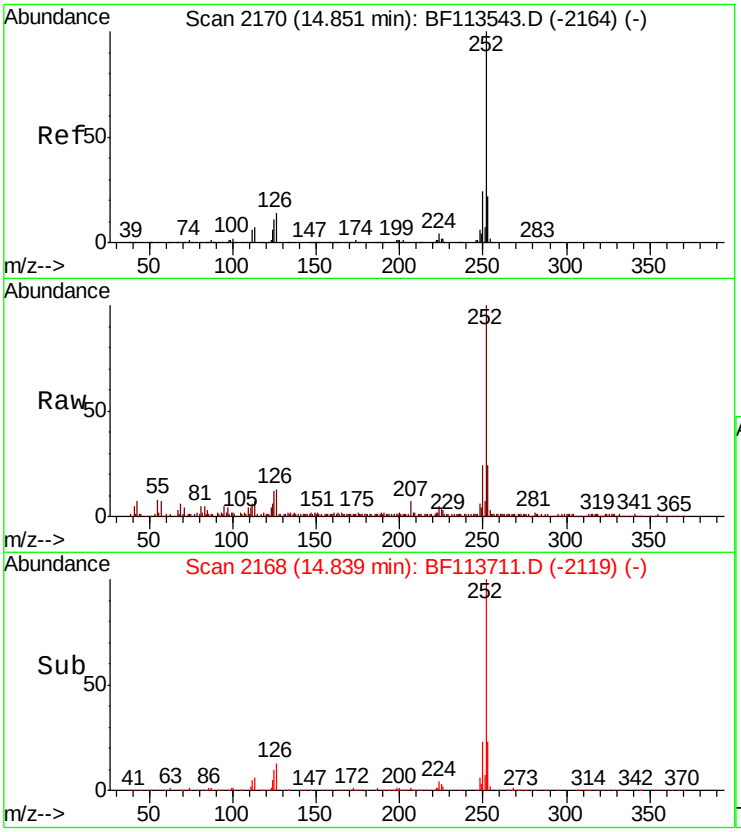


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:264 Resp: 251945

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.5	17.1	25.7





#88
Benzo(b)fluoranthene
Concen: 8.377 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:252 Resp: 129196

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.1	7.6	11.4#

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Manual Integrations APPROVED
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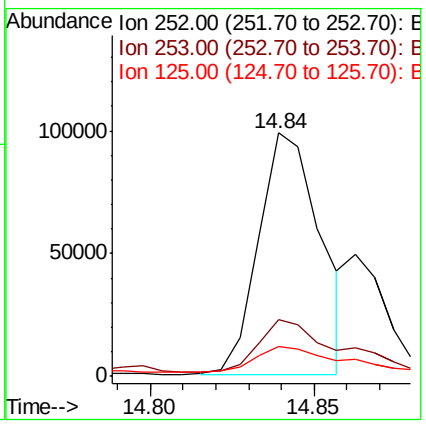
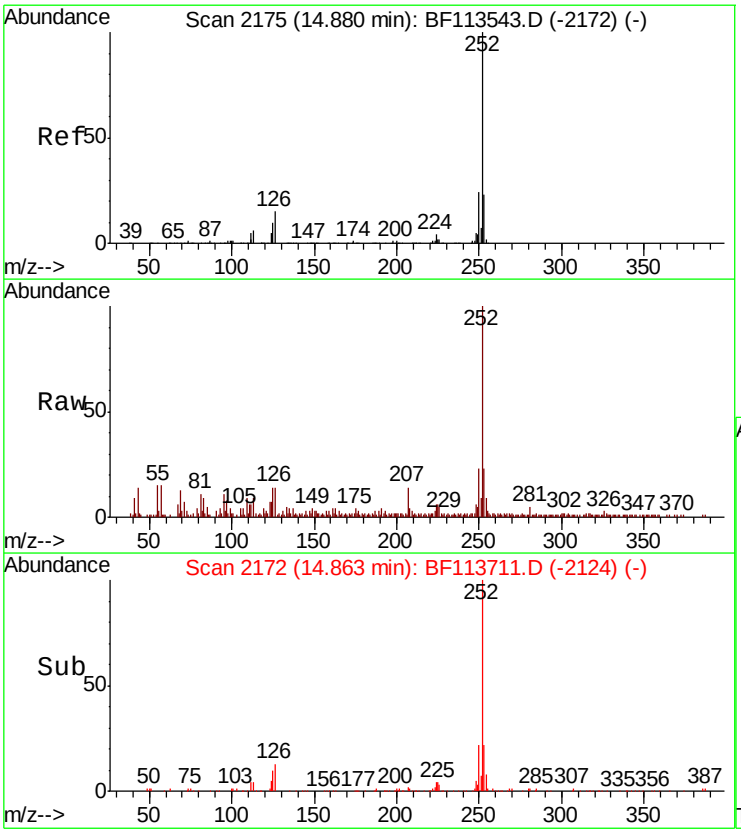
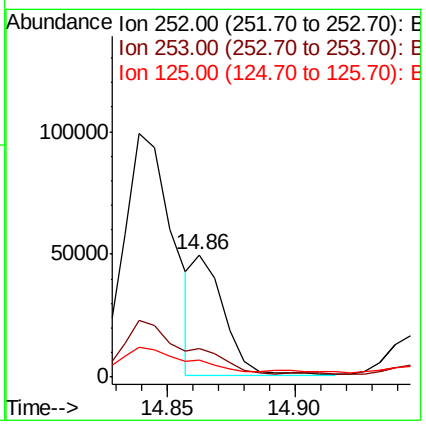


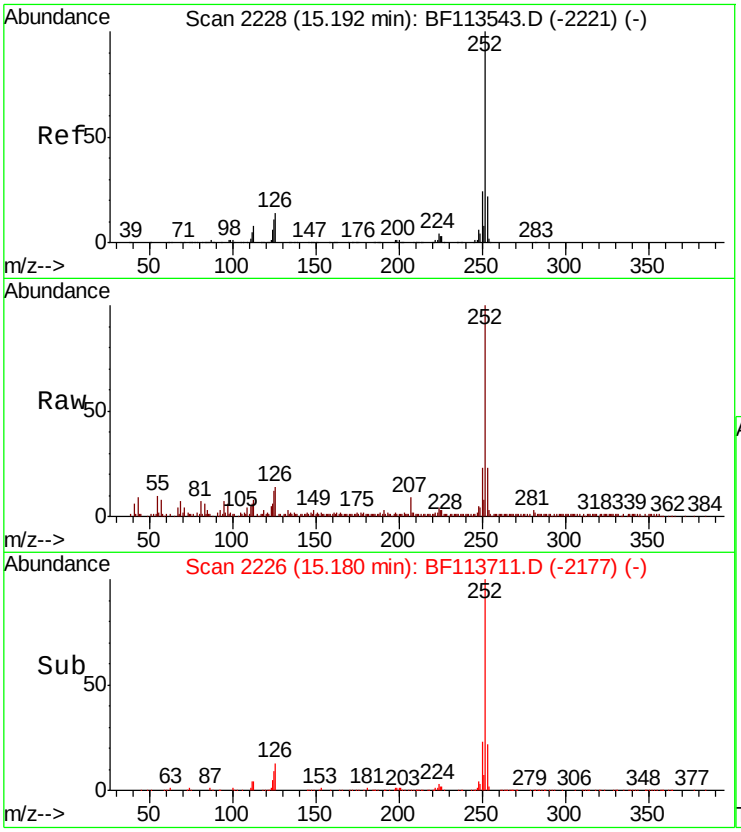


#89
Benzo(k)fluoranthene
Concen: 2.984 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:252 Resp: 41296

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	14.5	7.3	10.9#

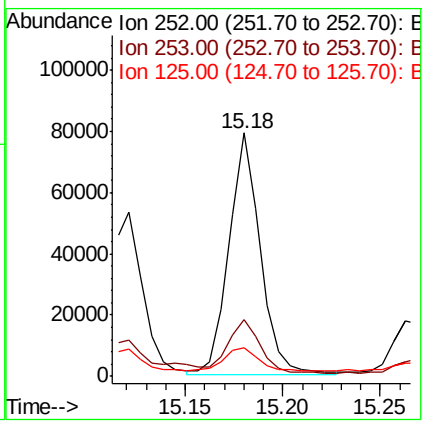




#90
Benzo(a)pyrene
Concen: 6.380 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:252 Resp: 87426

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.0	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
TP-11-S

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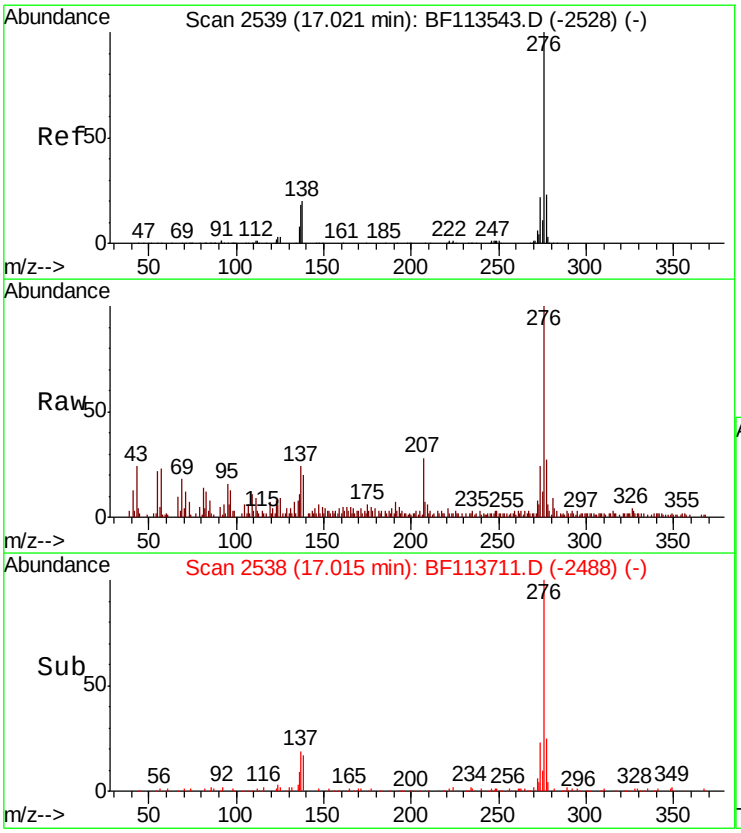

#92
Benzo(g,h,i)perylene
Concen: 4.223 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:276 Resp: 55236

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.8	28.2
138	19.9	15.6	23.4