Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114061.D
Acq On : 1 May 2019 11:43
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-B

Manual Integrations APPROVED
Sohil
5/2/2019 4:53:31 PM

Quant Time: May 01 15:00:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120078	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	411486	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	223551	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	433875	20.00	ng	0.00
76) Chrysene-d12	14.07	240	338652	20.00	ng	0.00
87) Perylene-d12	15.57	264	360778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	381525	54.34	ng	0.00
7) Phenol-d6	6.52	99	480099	54.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	279537	41.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	155768	57.20	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	601246	42.06	ng	0.00
79) Terphenyl-d14	13.00	244	666993	40.38	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	83436	5.161	ng	99
71) Phenanthrene	11.44	178	173630	7.963	ng	98
75) Fluoranthene	12.63	202	254231	10.687	ng	97
78) Pyrene	12.86	202	238789	10.083	ng	99
81) Benzo(a)anthracene	14.06	228	127569	6.394	ng	95
83) Chrysene	14.09	228	132045	6.795	ng	97
86) Indeno(1,2,3-cd)pyrene	17.07	276	47078	2.558	ng	96
88) Benzo(b)fluoranthene	15.13	252	167969m	7.359	ng	
89) Benzo(k)fluoranthene	15.16	252	63073m	3.212	ng	
90) Benzo(a)pyrene	15.51	252	104851	5.311	ng	# 89
92) Benzo(g,h,i)perylene	17.53	276	43389	2.320	ng	# 90

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114061.D
Acq On : 1 May 2019 11:43
Operator : JU/SJ
Sample : K2194-03 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 15:00:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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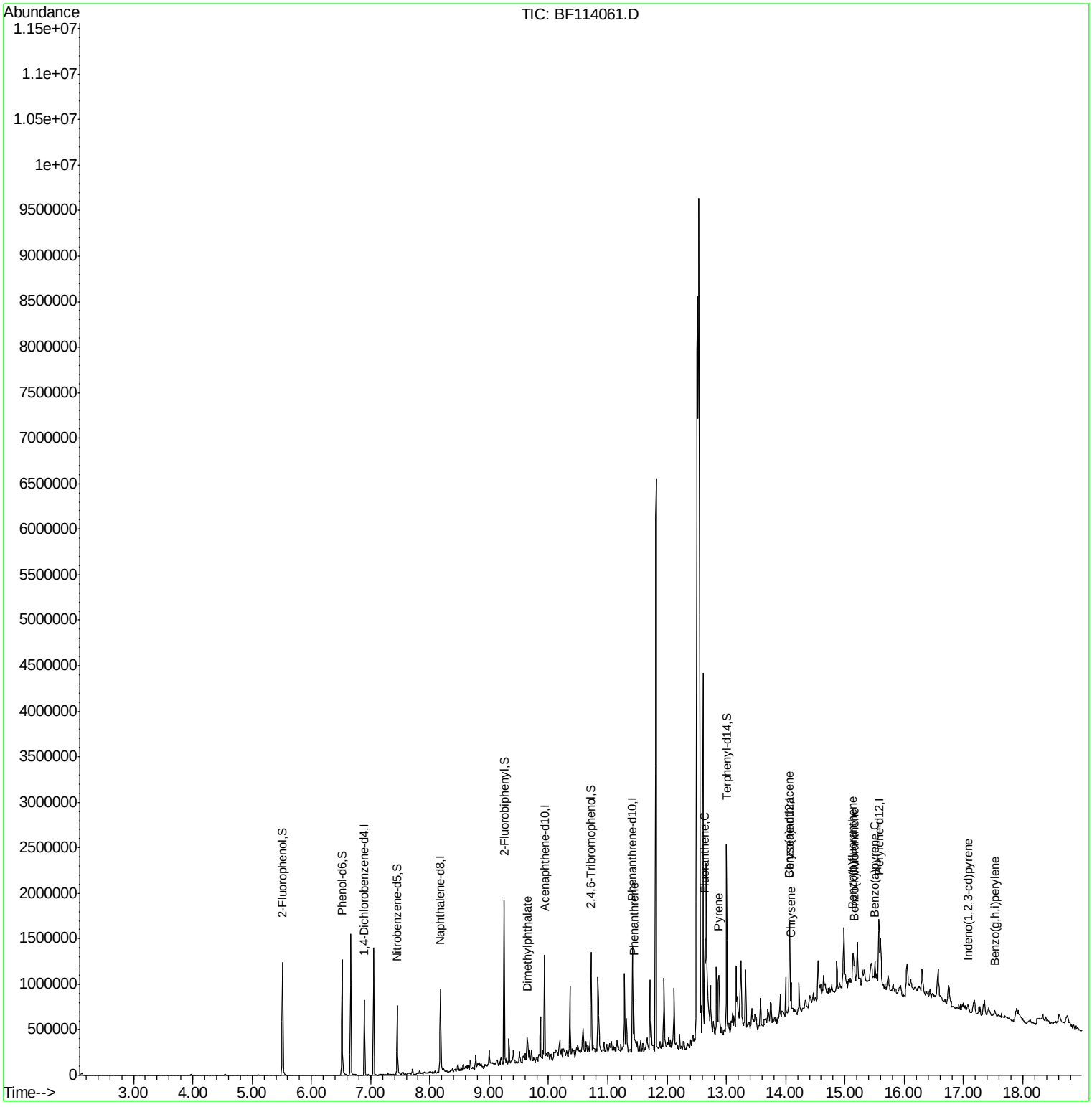
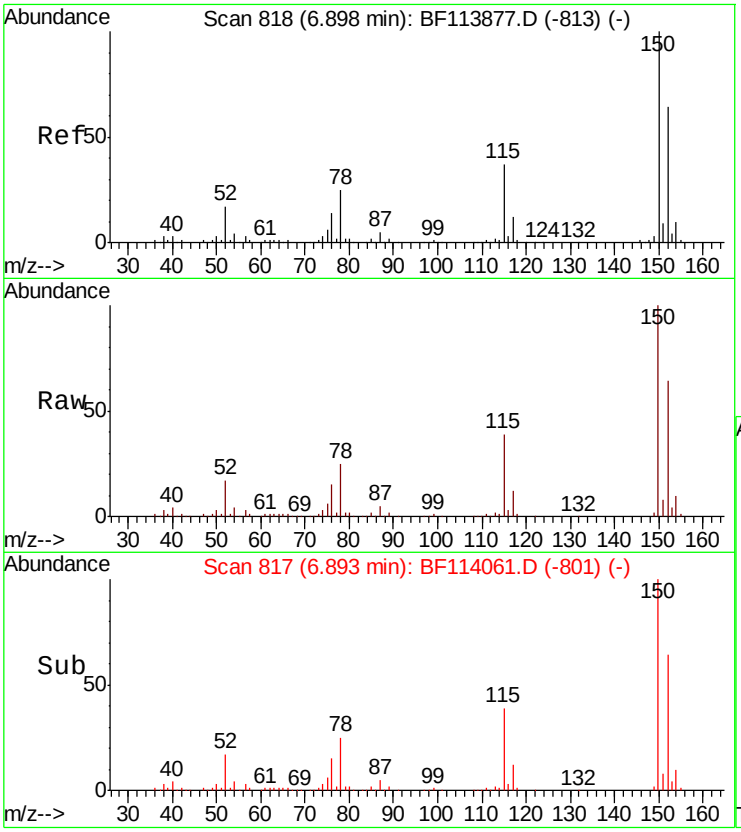
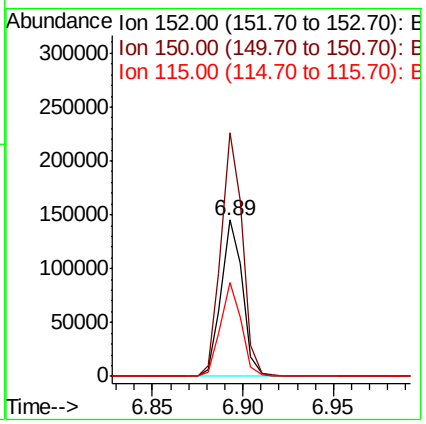




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:152 Resp: 120078

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	60.1	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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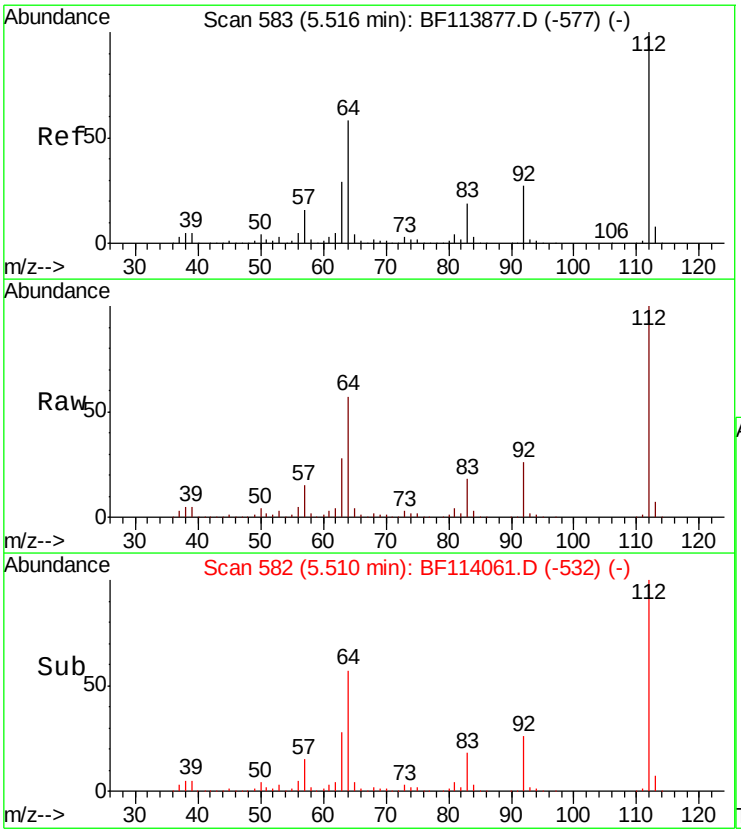
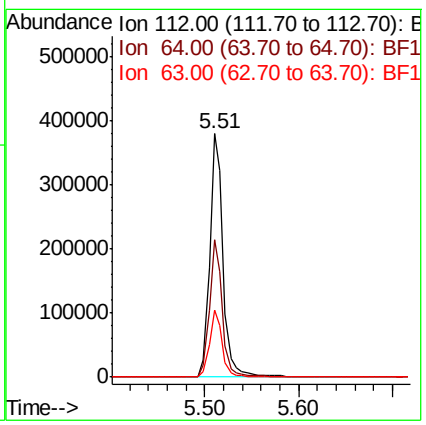
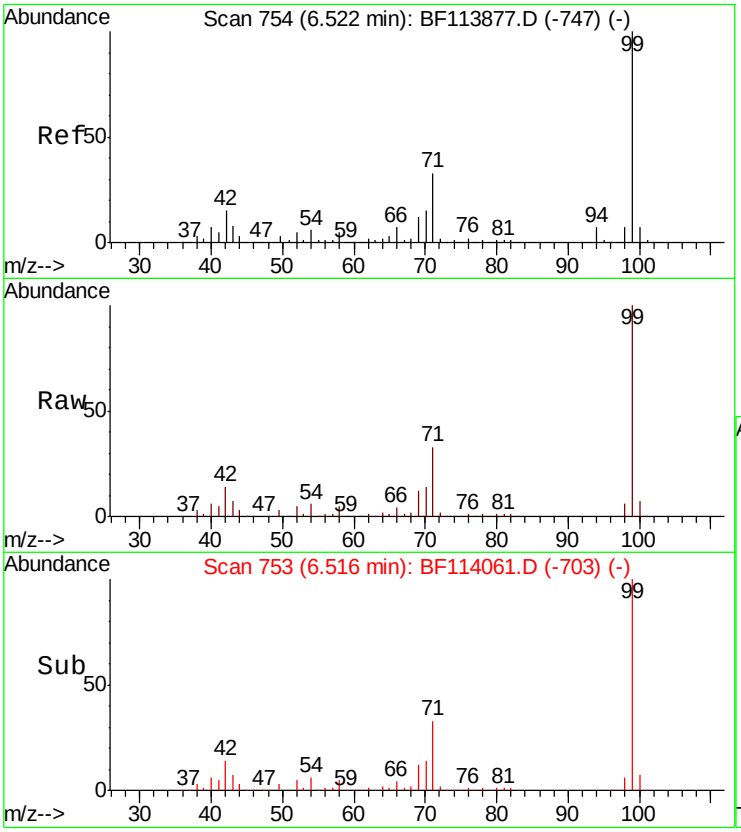


#5
2-Fluorophenol
Concen: 54.343 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:112 Resp: 381525

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.6	69.8
63	27.6	23.1	34.7

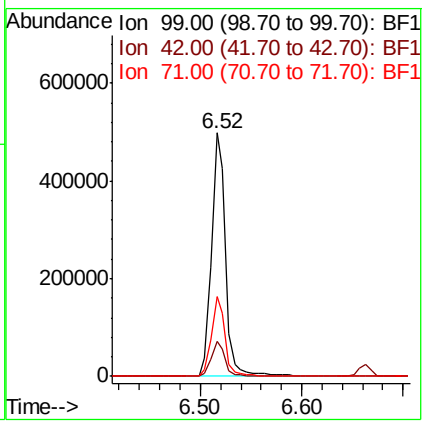




#7
Phenol-d6
Concen: 54.506 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion: 99 Resp: 480099

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	32.6	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

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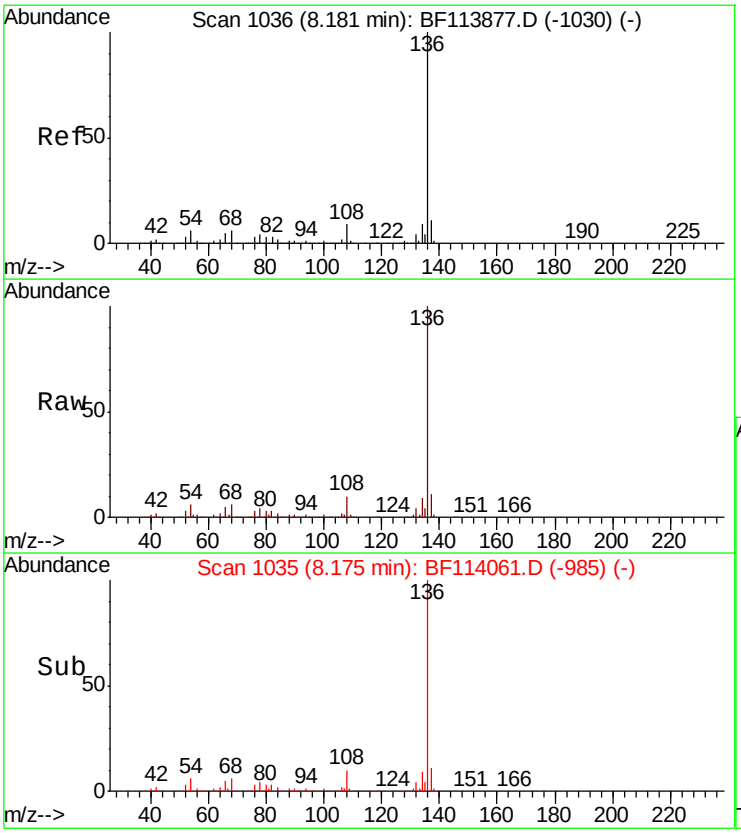
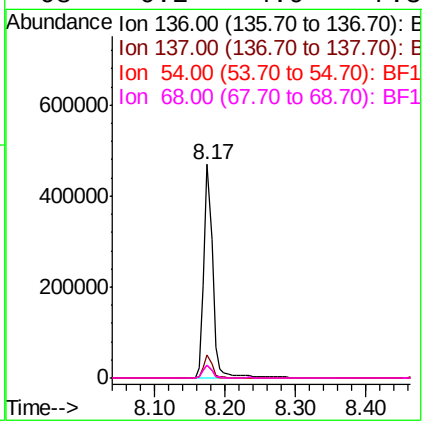
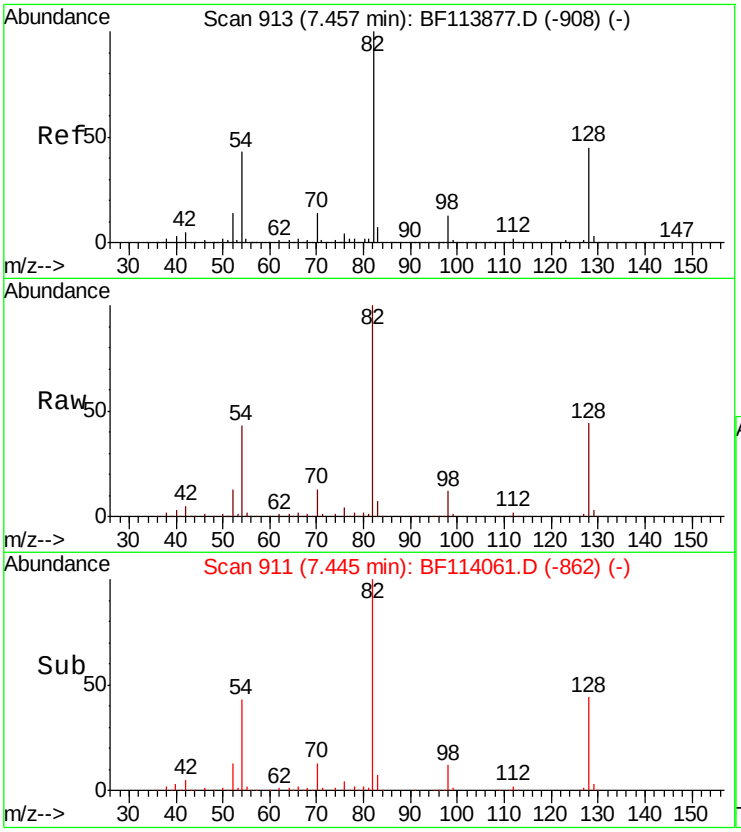


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:136 Resp: 411486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.1	5.0	7.6
68	6.2	4.9	7.3

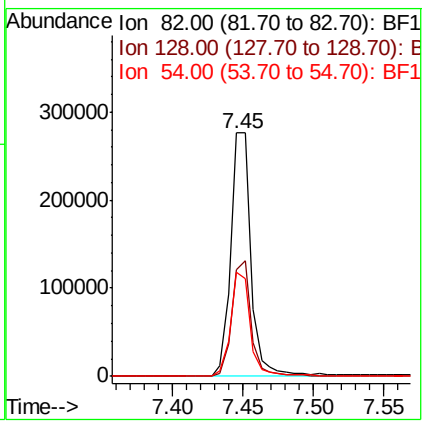




#23
Nitrobenzene-d5
Concen: 41.945 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion: 82 Resp: 279537

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.8	55.2
54	42.7	33.8	50.6



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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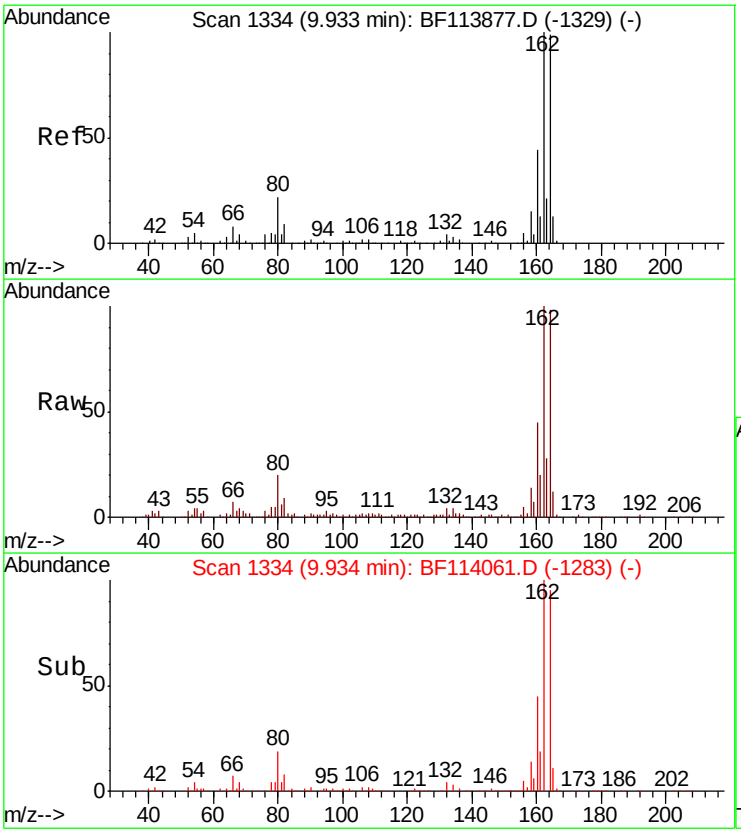
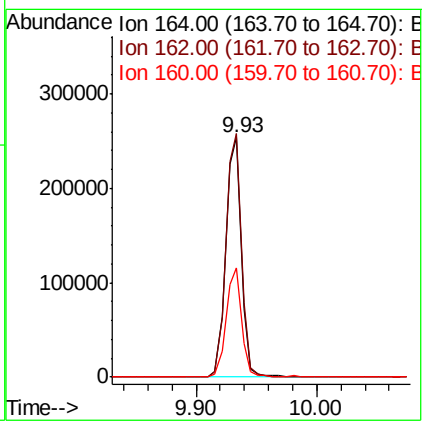
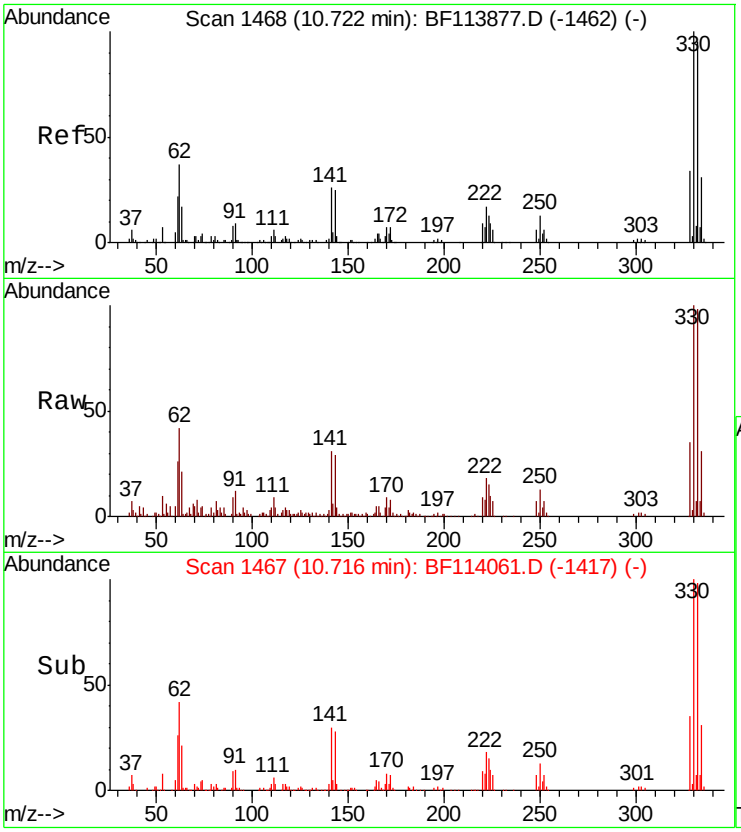


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:164 Resp: 223551

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.1	121.7
160	45.5	35.8	53.6

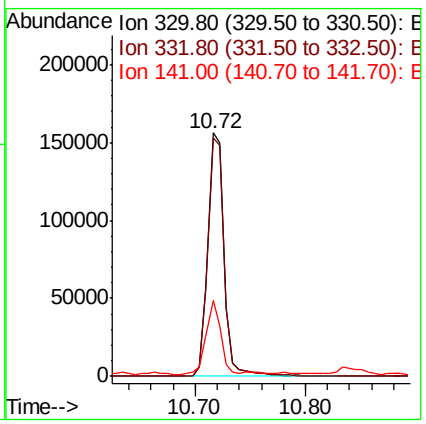




#42
2,4,6-Tribromophenol
Concen: 57.198 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:330 Resp: 155768

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.5	116.3
141	26.6	22.2	33.2



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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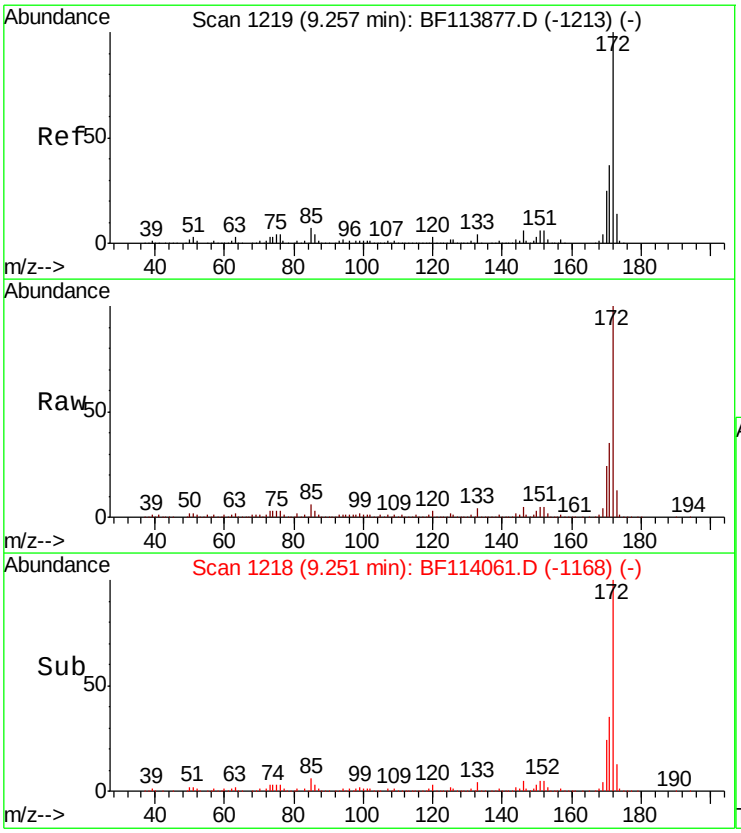
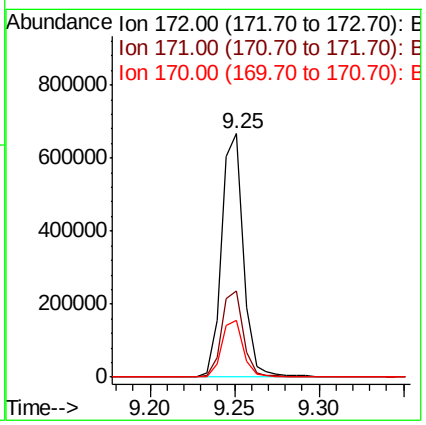
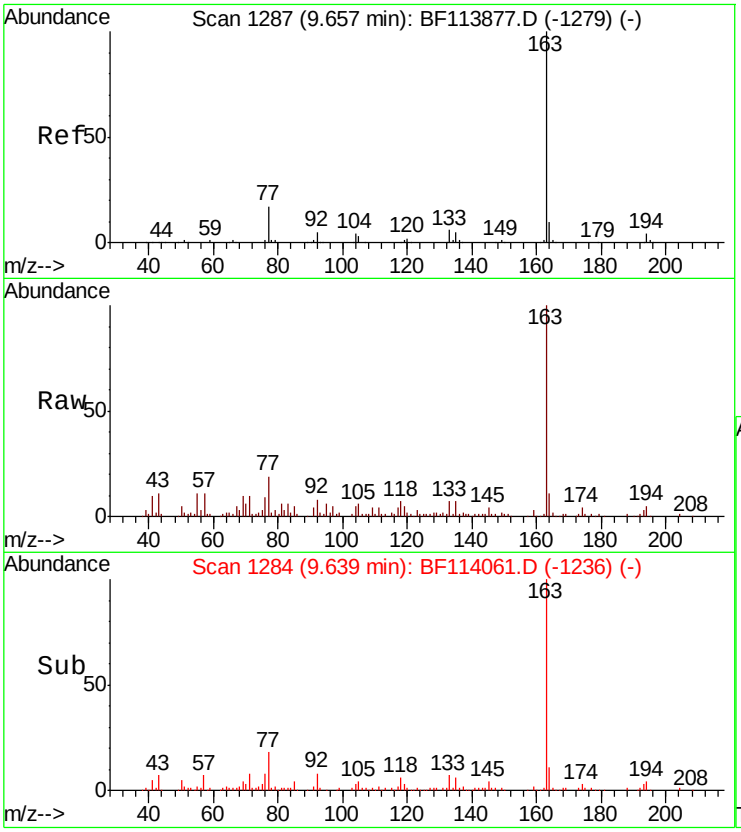


#45
2-Fluorobiphenyl
Concen: 42.065 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:172 Resp: 601246

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.6	19.9	29.9

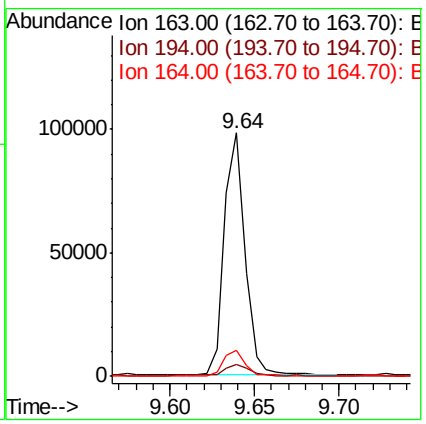




#50
Dimethylphthalate
Concen: 5.161 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:163 Resp: 83436

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.5	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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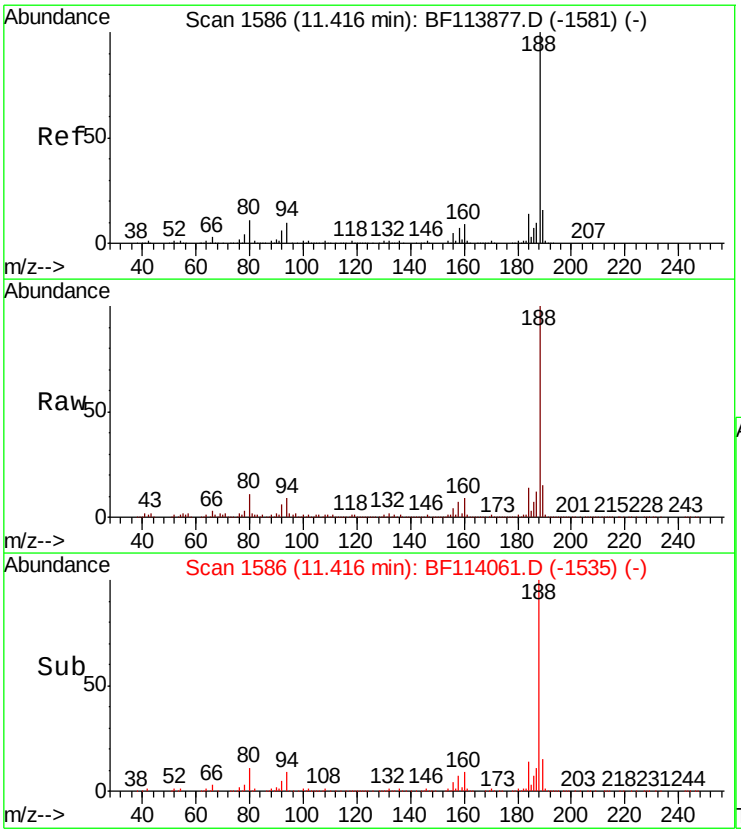
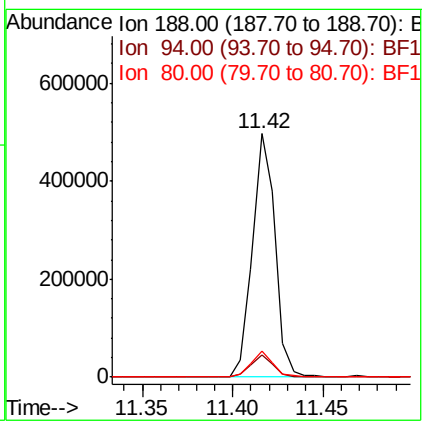
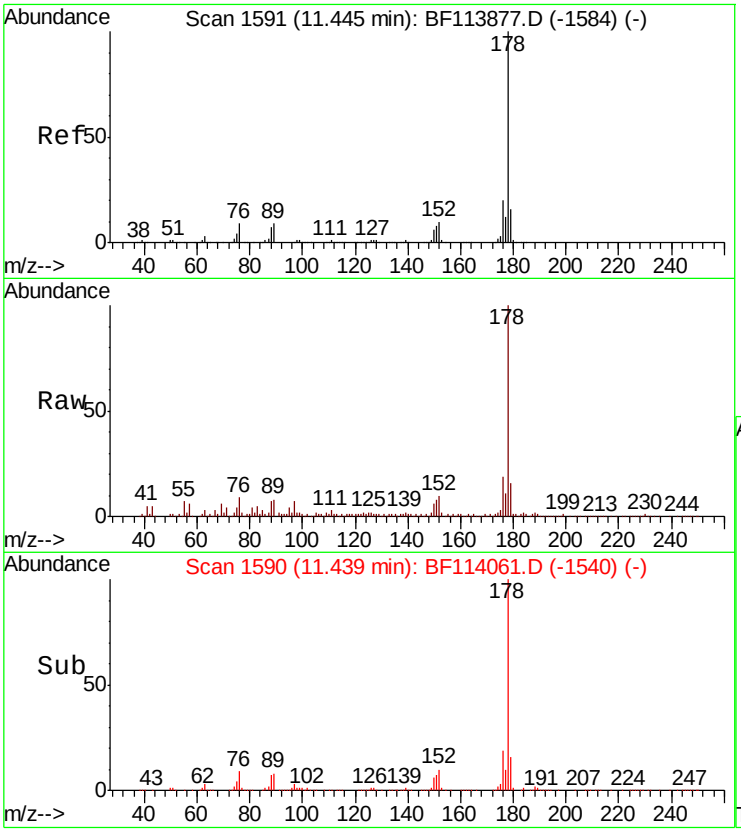


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:188 Resp: 433875

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	10.7	9.0	13.6

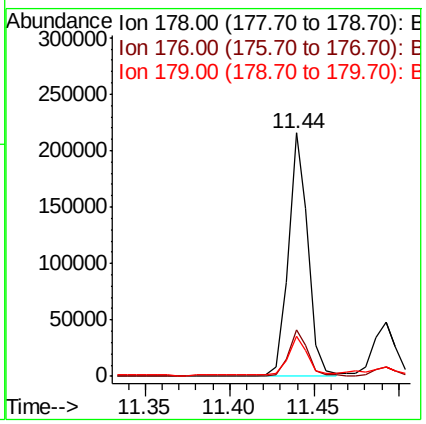




#71
Phenanthrene
Concen: 7.963 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:178 Resp: 173630

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.4	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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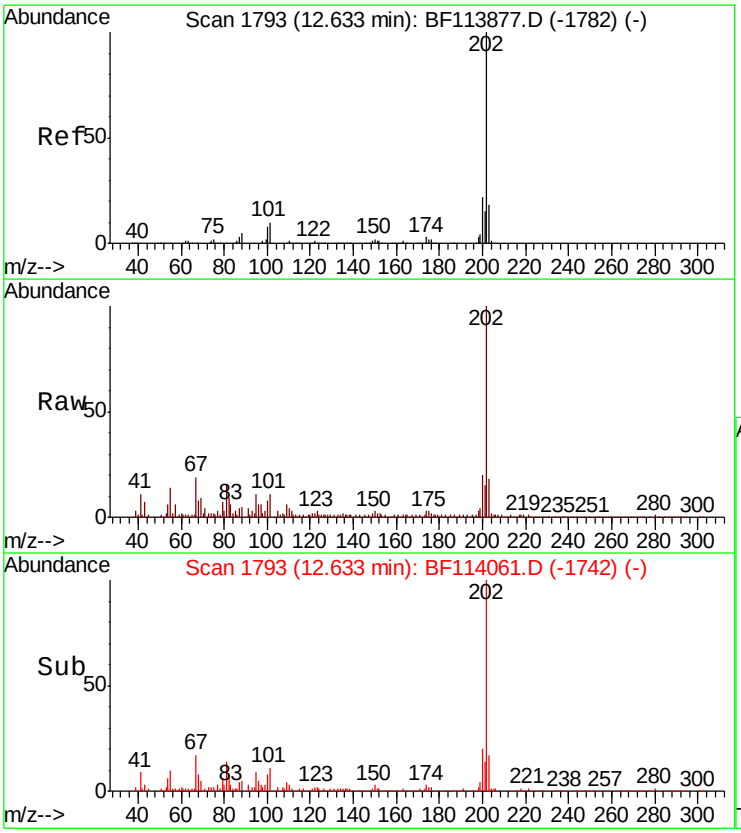
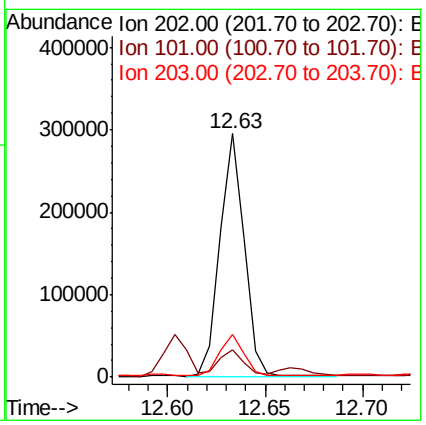
5/2/2019 4:53:31 PM

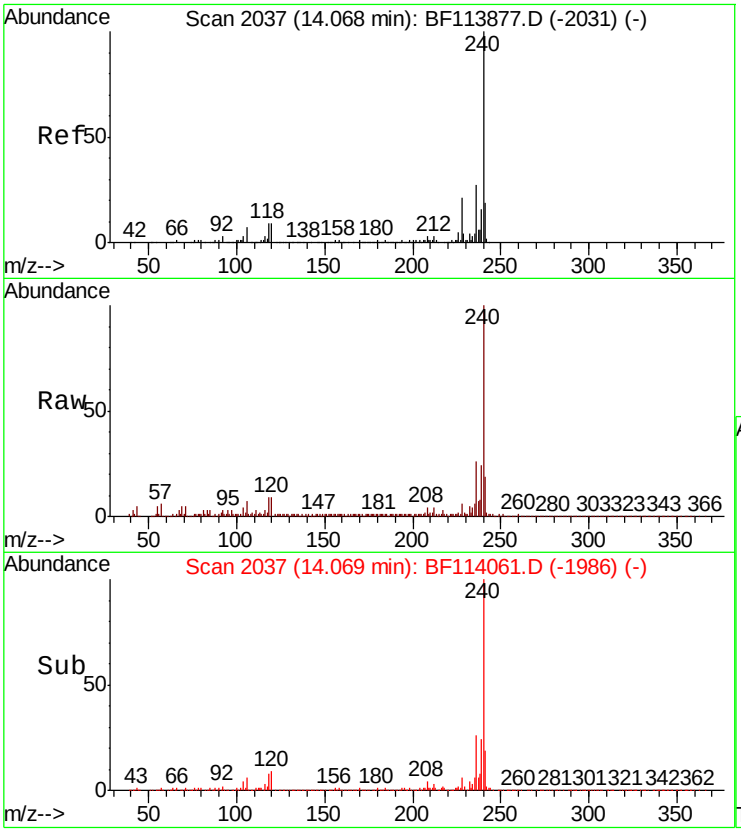


#75
Fluoranthene
Concen: 10.687 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:202 Resp: 254231

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.9
203	17.7	0.0	38.2

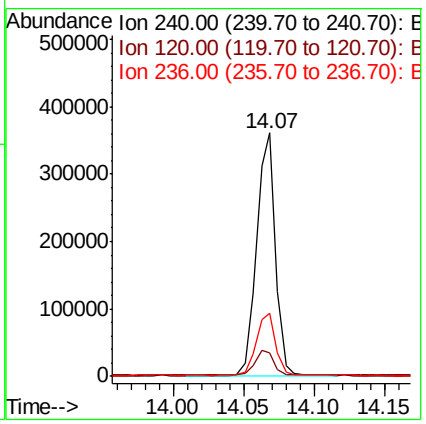




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:240 Resp: 338652

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.3	13.9
236	26.1	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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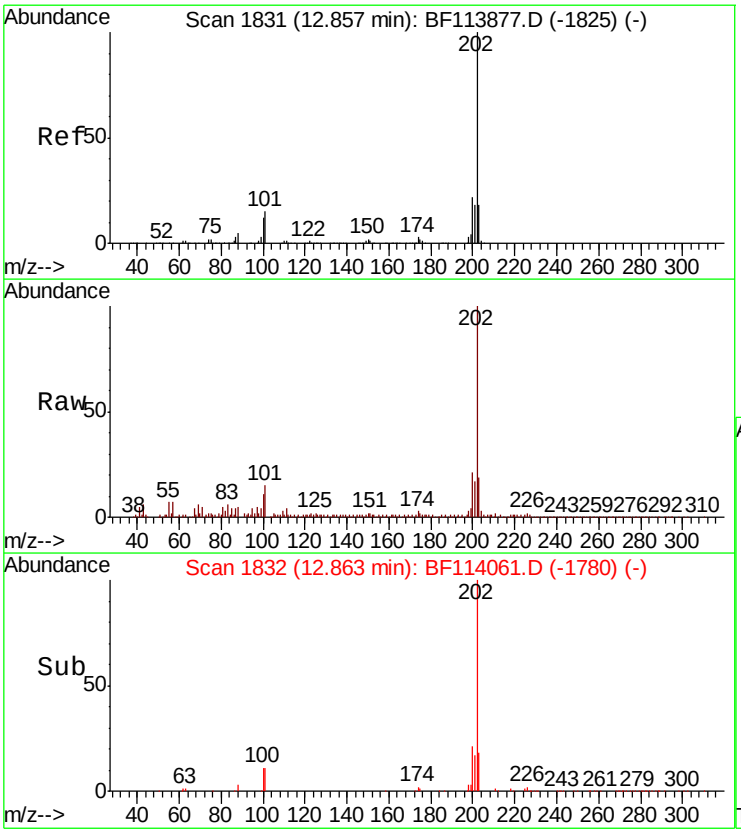
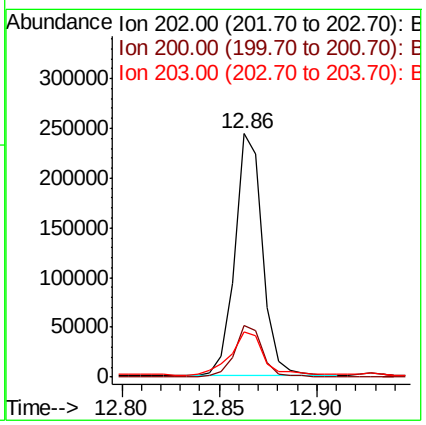
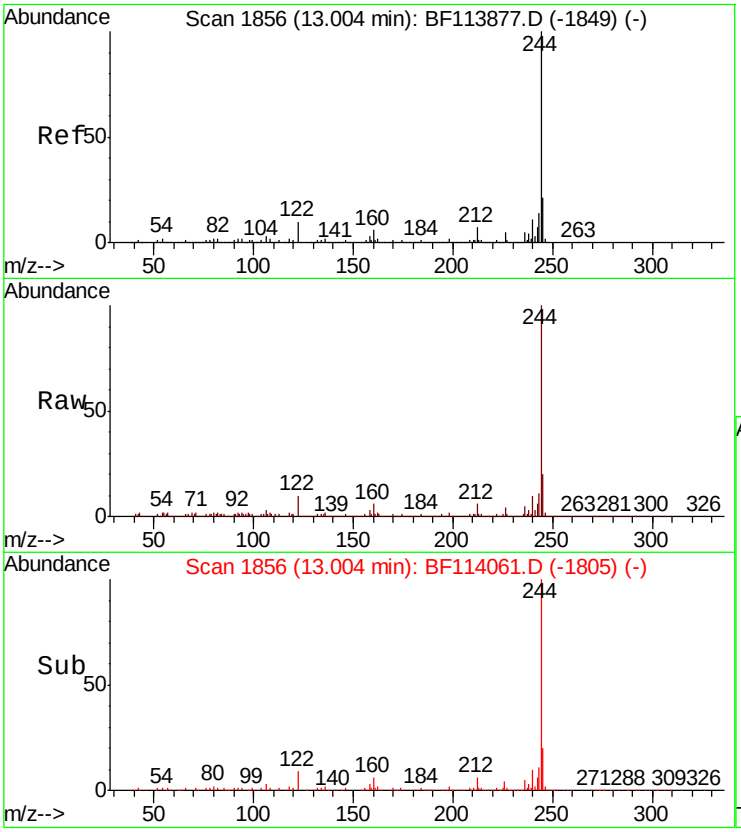


#78
Pyrene
Concen: 10.083 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:202 Resp: 238789

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.7	15.0	22.6

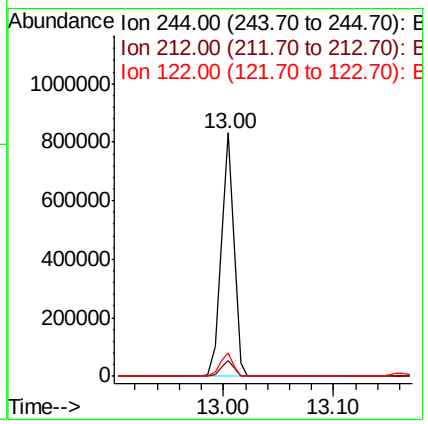




#79
Terphenyl-d14
Concen: 40.378 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:244 Resp: 666993

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	9.6	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

Manual Integrations APPROVED
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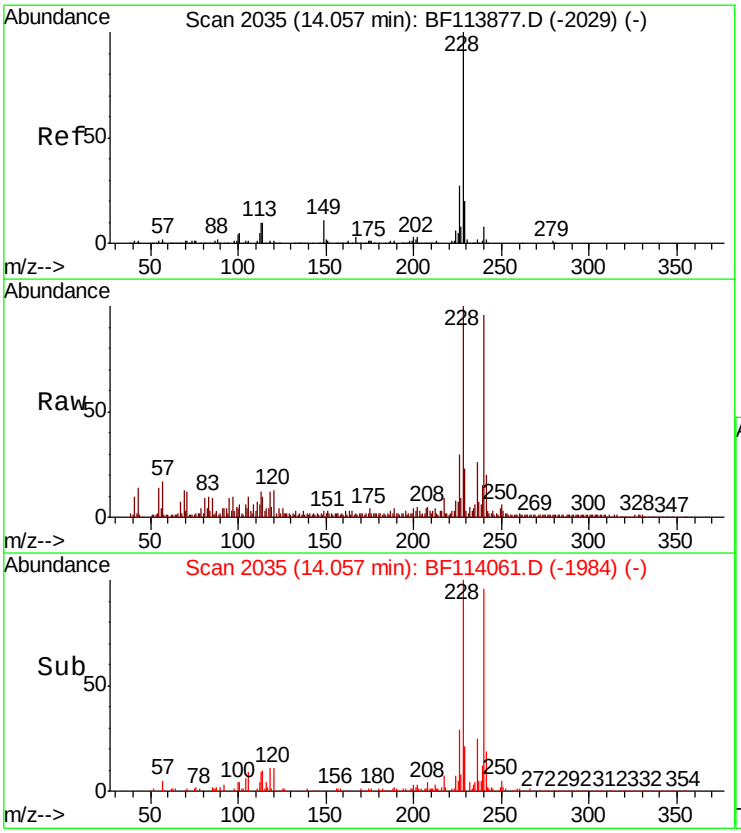
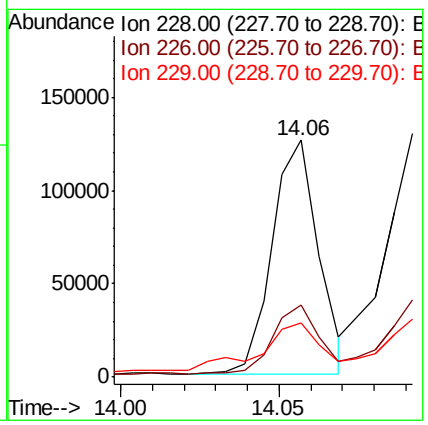
5/2/2019 4:53:31 PM

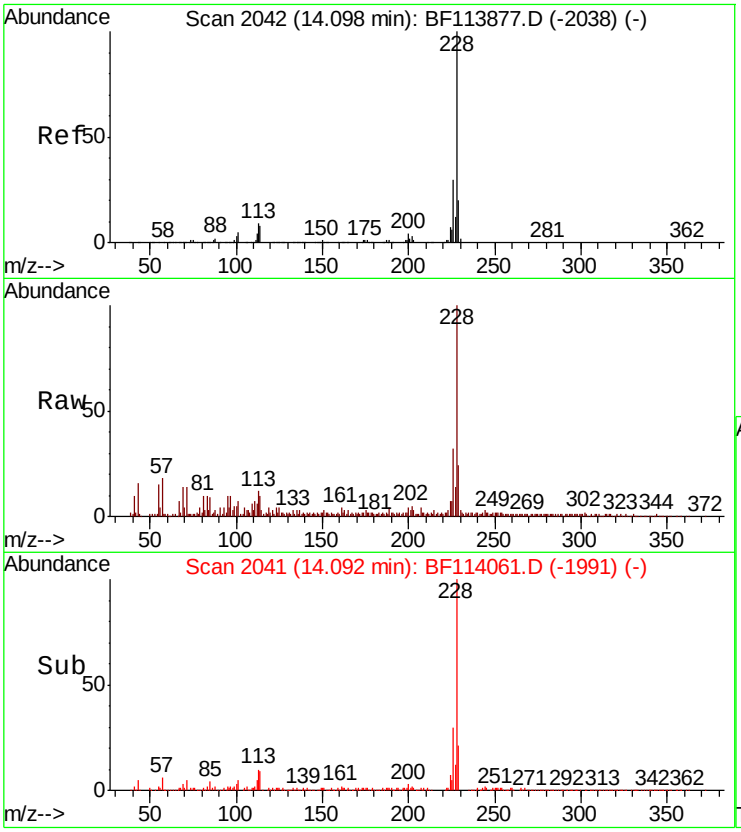


#81
Benzo(a)anthracene
Concen: 6.394 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:228 Resp: 127569

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.2
229	22.7	16.0	24.0

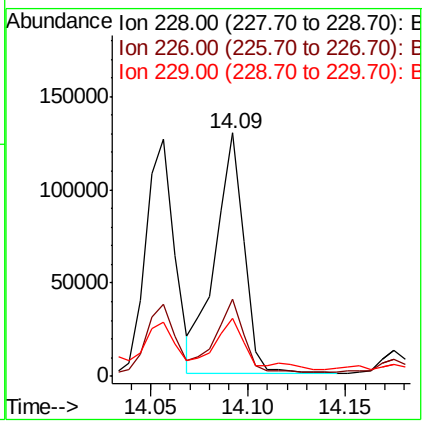




#83
Chrysene
Concen: 6.795 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:228 Resp: 132045

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	23.9	16.7	25.1



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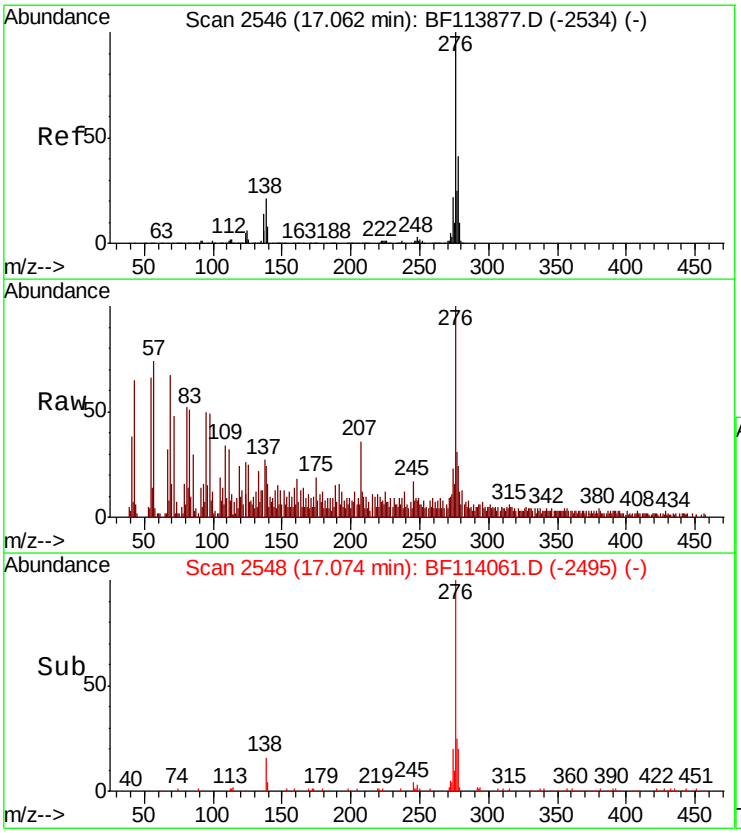
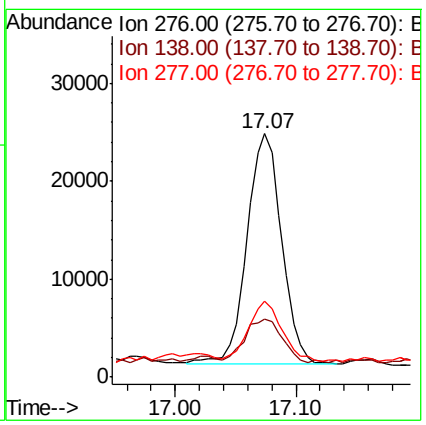
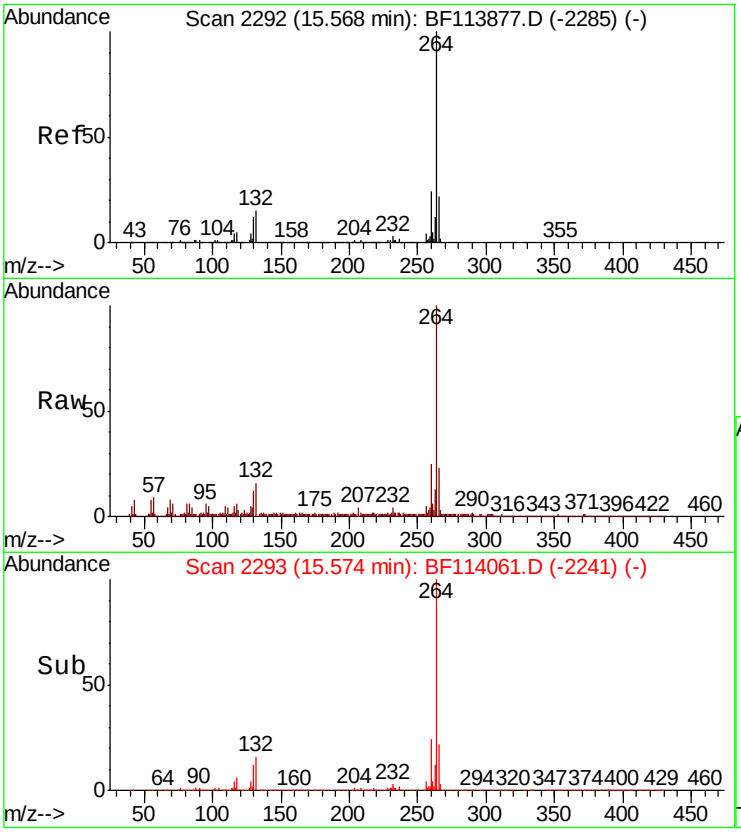


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.558 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:276 Resp: 47078

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.6	29.4
277	25.4	20.2	30.4

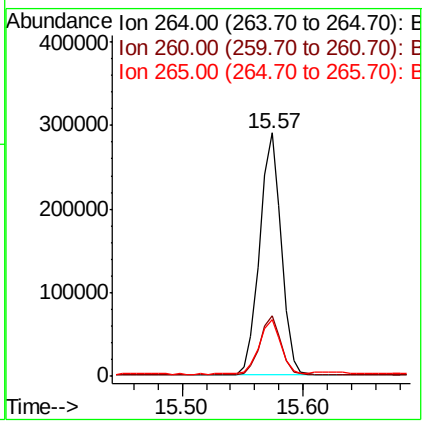




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:264 Resp: 360778

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	23.1	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
JC-03-042919-B

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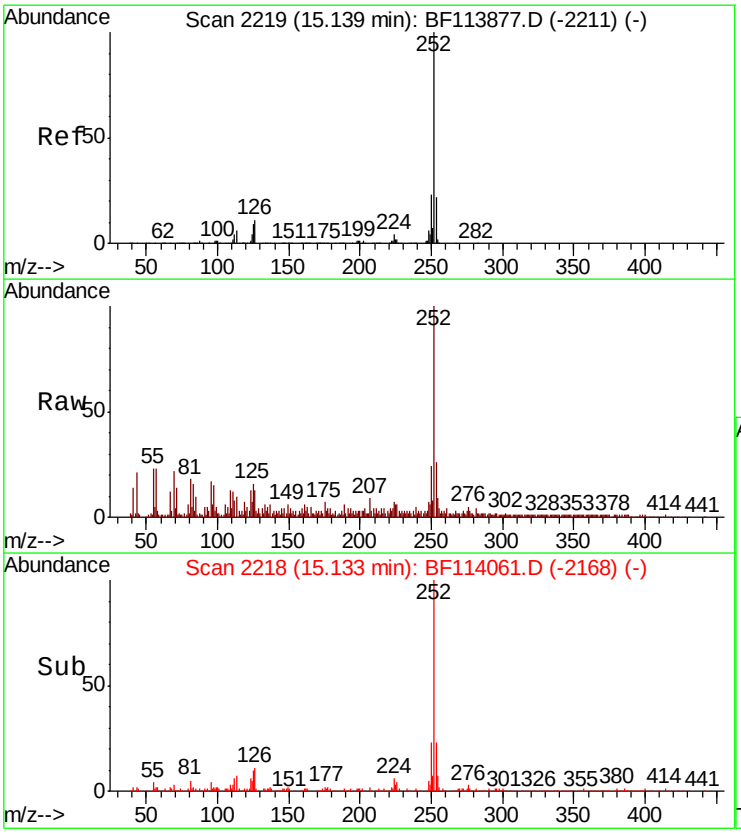
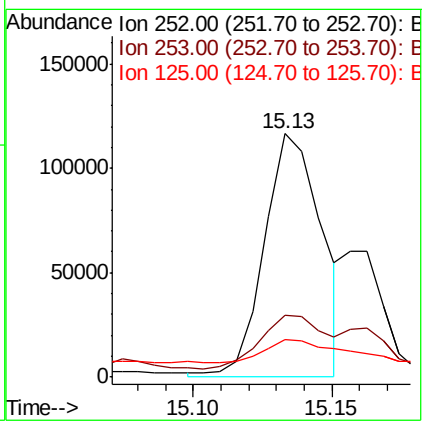
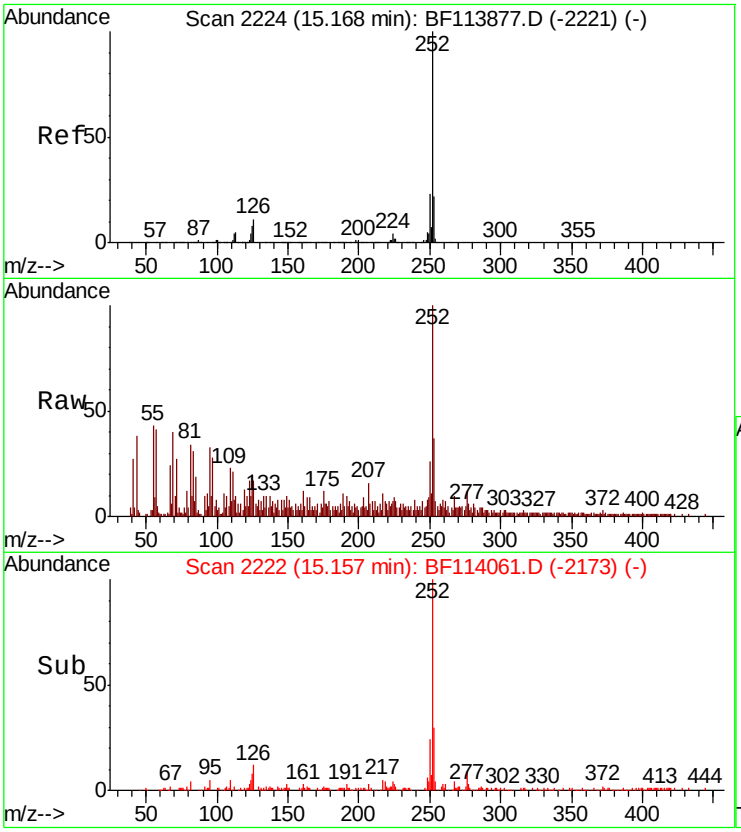


#88
Benzo(b)fluoranthene
Concen: 7.359 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:252 Resp: 167969

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	15.5	7.0	10.6#





#89
Benzo(k)fluoranthene
Concen: 3.212 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:252 Resp: 63073

Ion	Ratio	Lower	Upper
252	100		
253	37.4	18.2	27.2#
125	20.5	7.4	11.2#

Instrument :
BNA_F
ClientSampleId :
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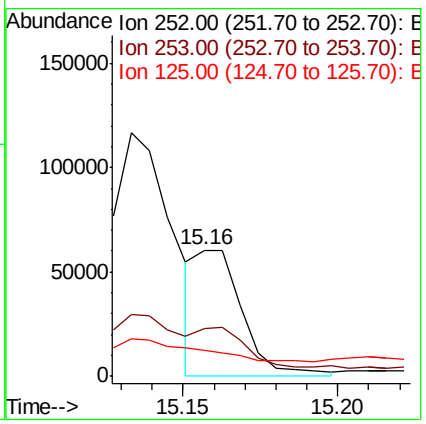
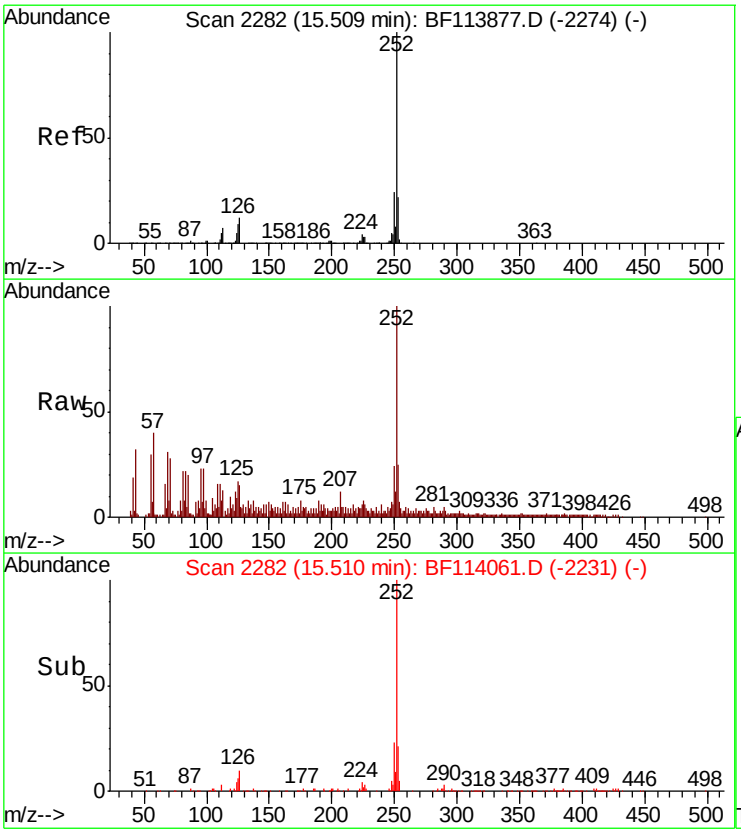
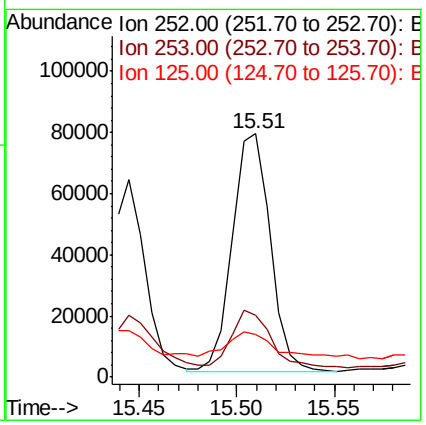


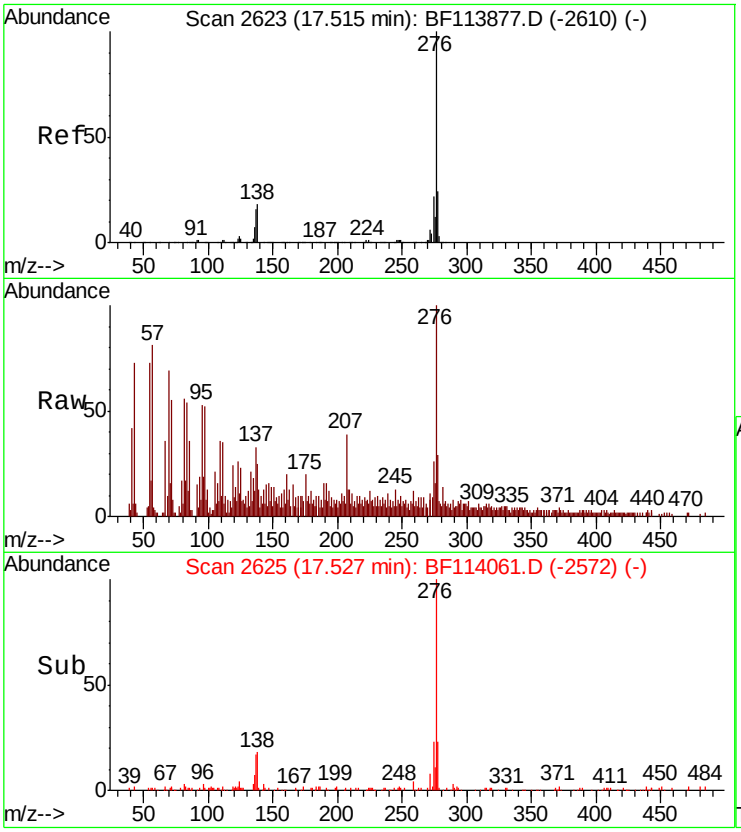


#90
Benzo(a)pyrene
Concen: 5.311 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:252 Resp: 104851

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	17.4	8.5	12.7#

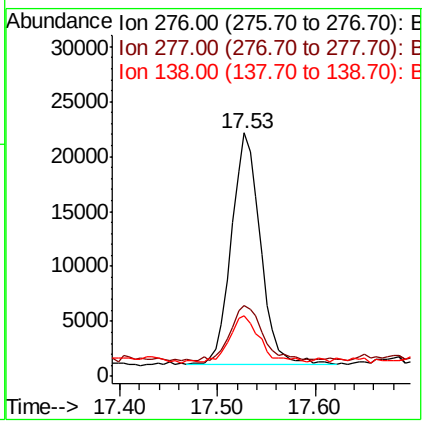




#92
Benzo(g,h,i)perylene
Concen: 2.320 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF114061.D
Acq: 1 May 2019 11:43

Tgt Ion:276 Resp: 43389

Ion	Ratio	Lower	Upper
276	100		
277	29.2	19.0	28.4#
138	24.9	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
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