Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115810.D
Acq On : 27 Jul 2019 1:52
Operator : HP/JU
Sample : K3626-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:14 PM

Quant Time: Jul 27 03:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146770	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	493906	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	268811	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	410367	20.00	ng	0.00
76) Chrysene-d12	14.03	240	352570	20.00	ng	0.00
87) Perylene-d12	15.50	264	365936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	406353	45.29	ng	0.00
7) Phenol-d6	6.50	99	537073	47.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	321252	37.82	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	103024	32.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	581863	37.89	ng	-0.01
79) Terphenyl-d14	12.97	244	518406	27.13	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.62	163	132342	6.544	ng	100
75) Fluoranthene	12.60	202	82561	3.714	ng	100
78) Pyrene	12.83	202	89816	3.007	ng	96
81) Benzo(a)anthracene	14.02	228	65357m	2.814	ng	
83) Chrysene	14.05	228	64825	2.780	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	52684	2.659	ng	97
88) Benzo(b)fluoranthene	15.07	252	115563m	4.904	ng	
89) Benzo(k)fluoranthene	15.09	252	45107m	2.147	ng	
90) Benzo(a)pyrene	15.44	252	79914	3.946	ng	95
92) Benzo(g,h,i)perylene	17.42	276	53930	3.041	ng	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115810.D
Acq On : 27 Jul 2019 1:52
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Sample : K3626-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 27 03:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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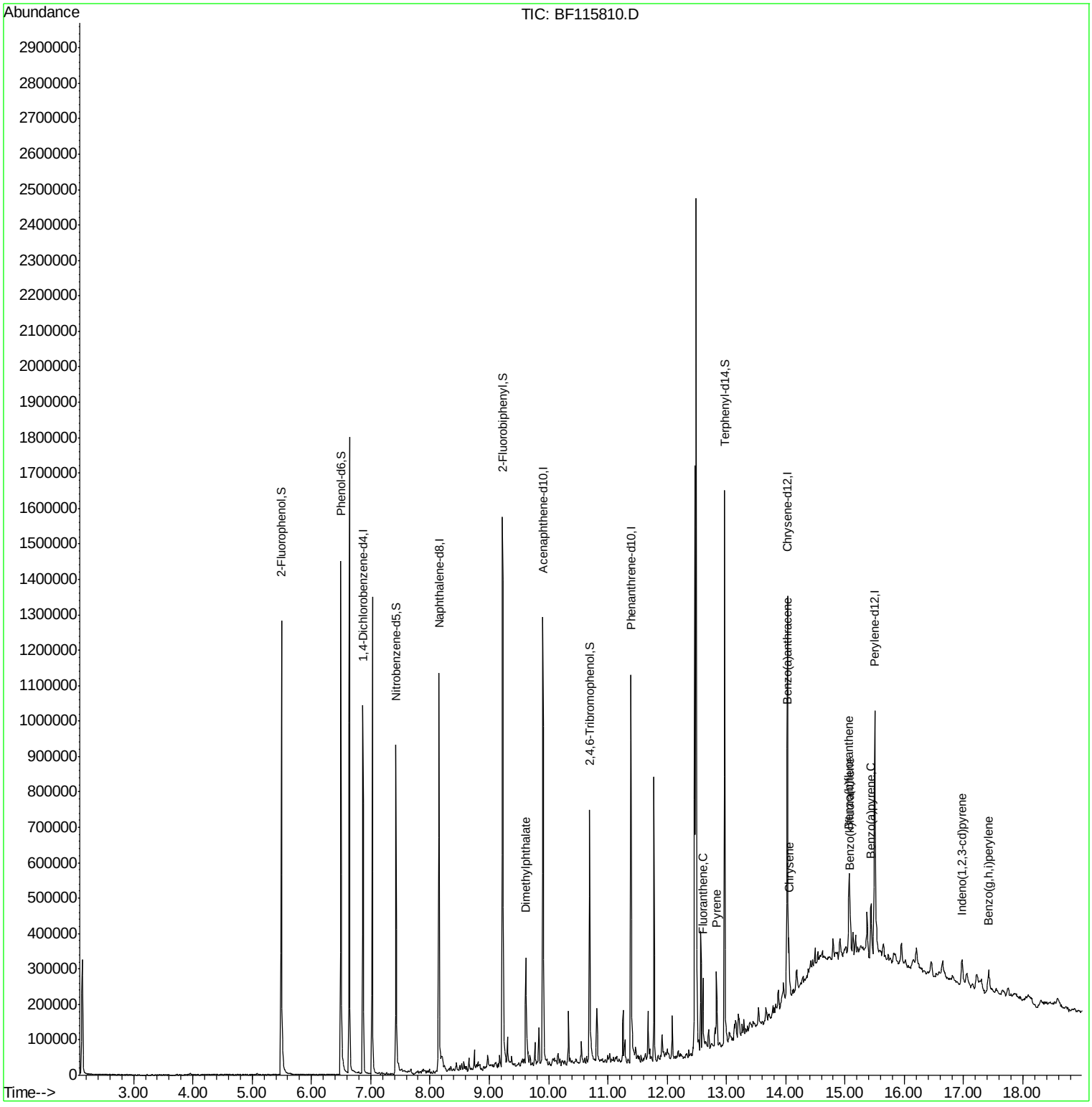
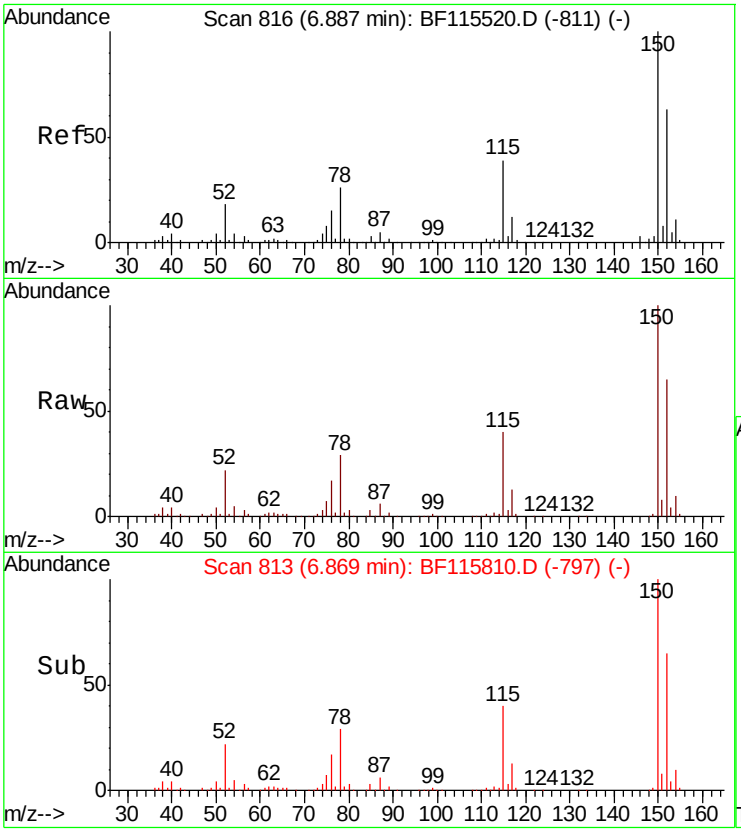
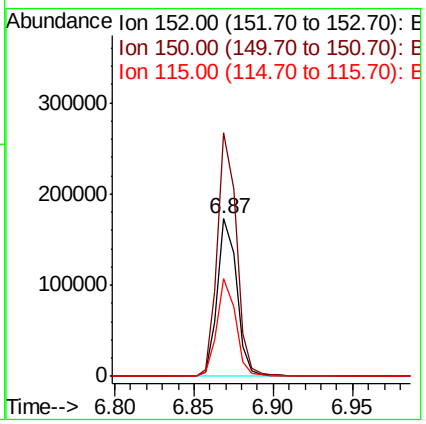




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:152 Resp: 146770

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	62.3	47.8	71.6



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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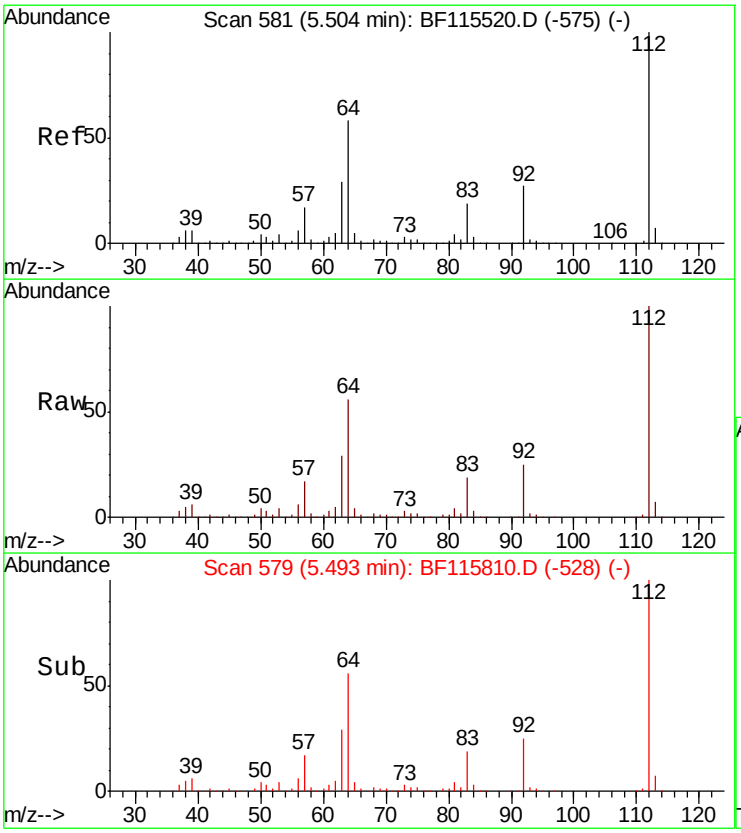
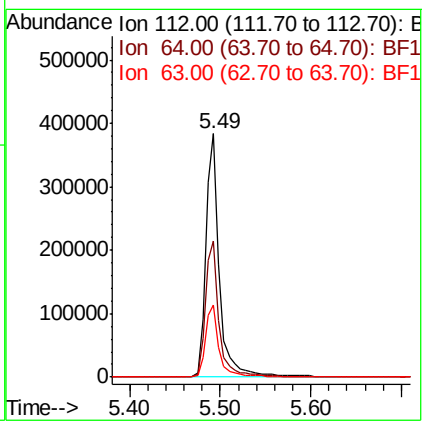
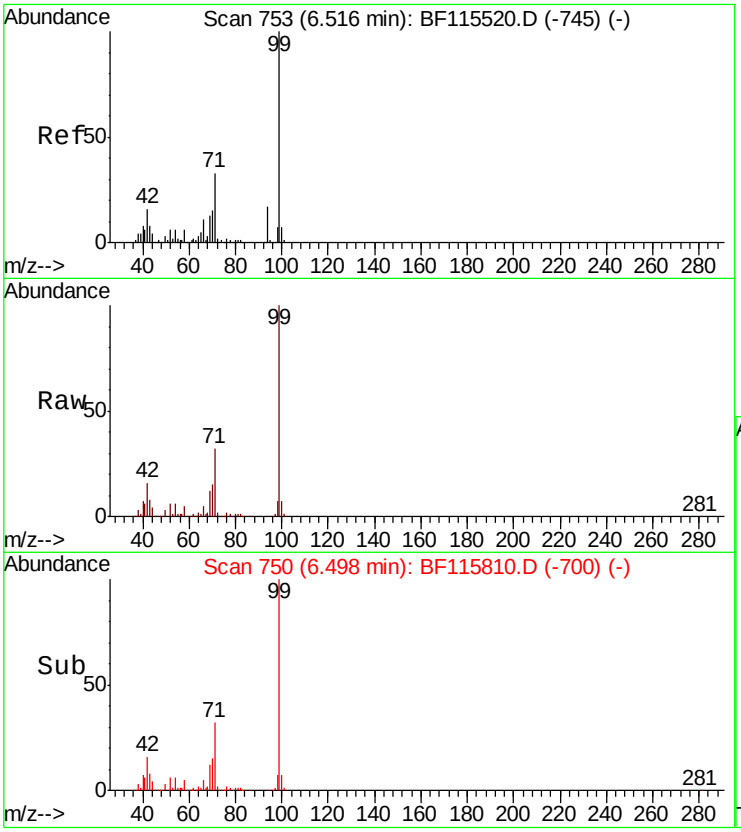


#5
2-Fluorophenol
Concen: 45.287 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:112 Resp: 406353

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.8	68.8
63	29.5	23.6	35.4

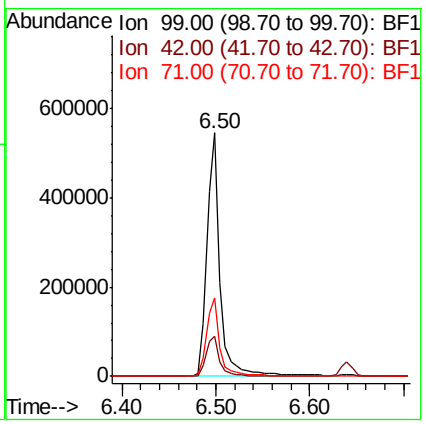




#7
Phenol-d6
Concen: 47.172 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion: 99 Resp: 537073

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	32.3	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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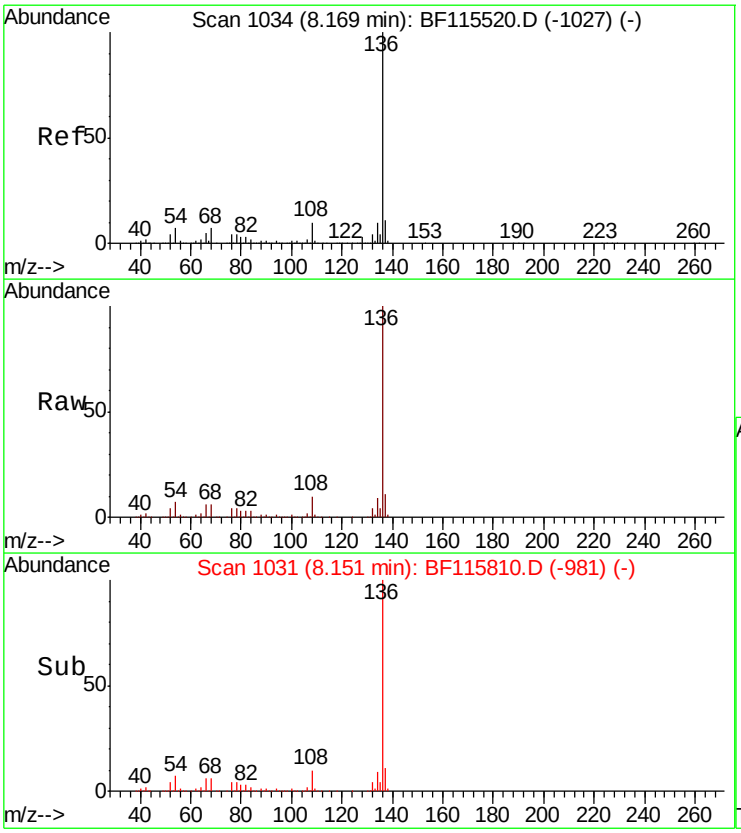
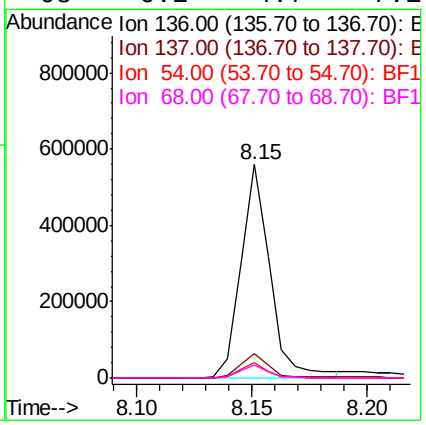
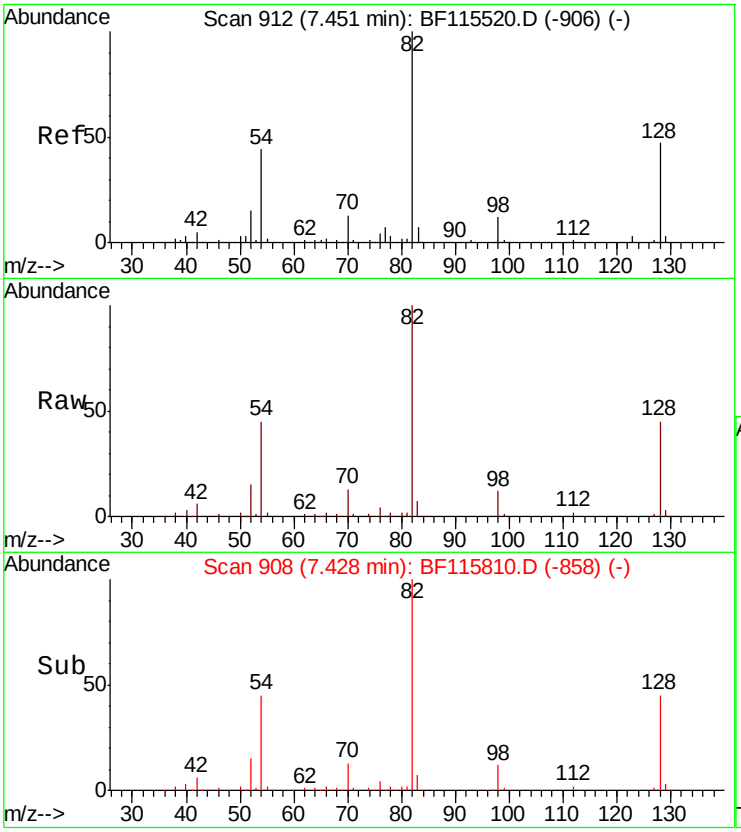


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:136 Resp: 493906

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	5.0	7.6
68	6.2	4.7	7.1

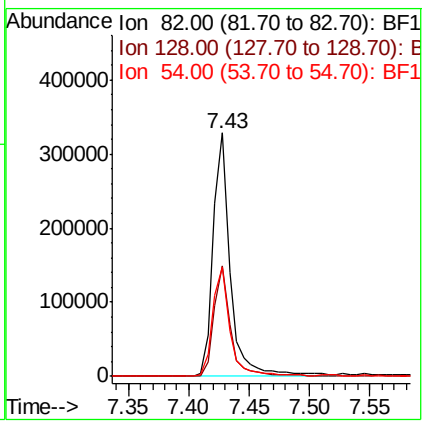




#23
Nitrobenzene-d5
Concen: 37.820 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion: 82 Resp: 321252

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.6	55.0
54	44.7	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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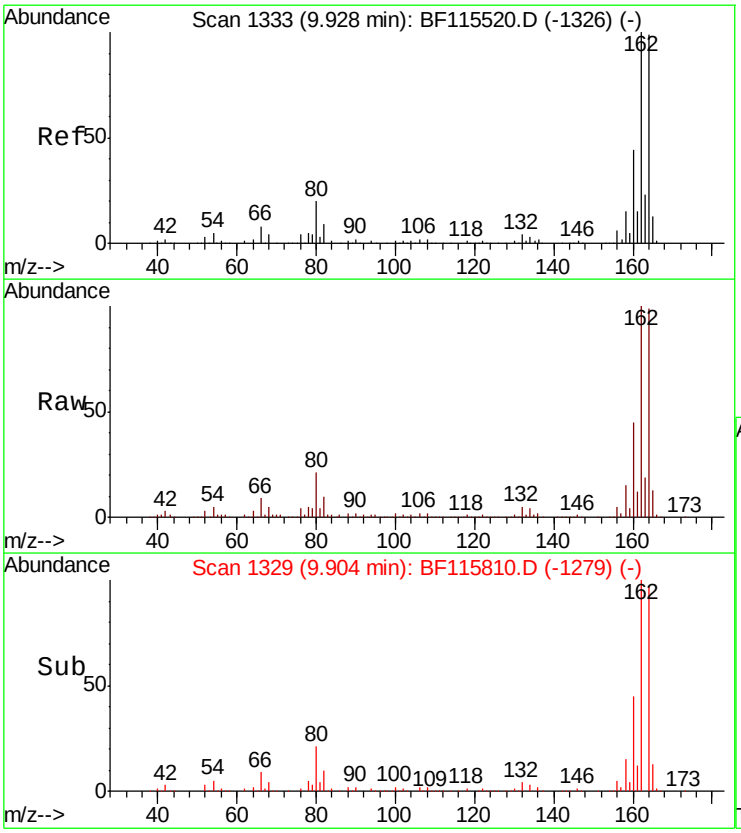
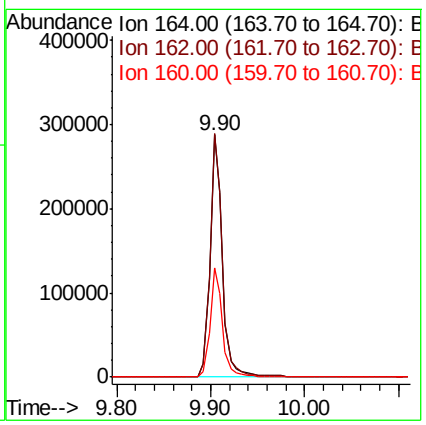
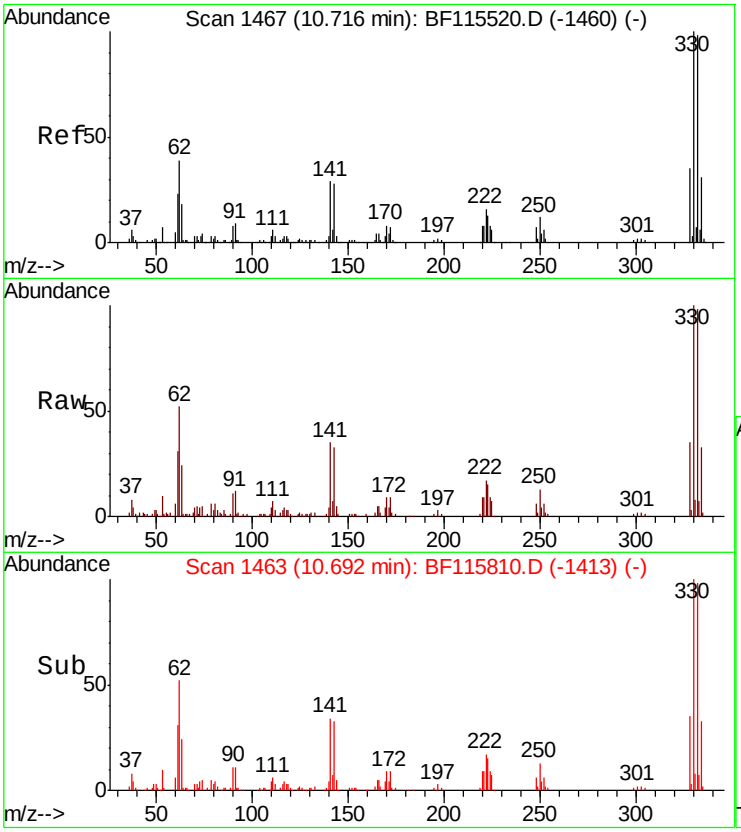


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:164 Resp: 268811

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	45.0	37.5	56.3

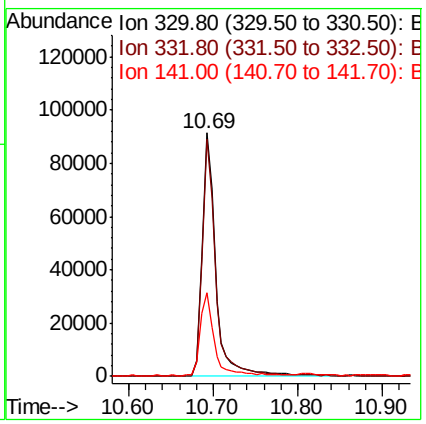




#42
2,4,6-Tribromophenol
Concen: 32.834 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:330 Resp: 103024

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	36.9	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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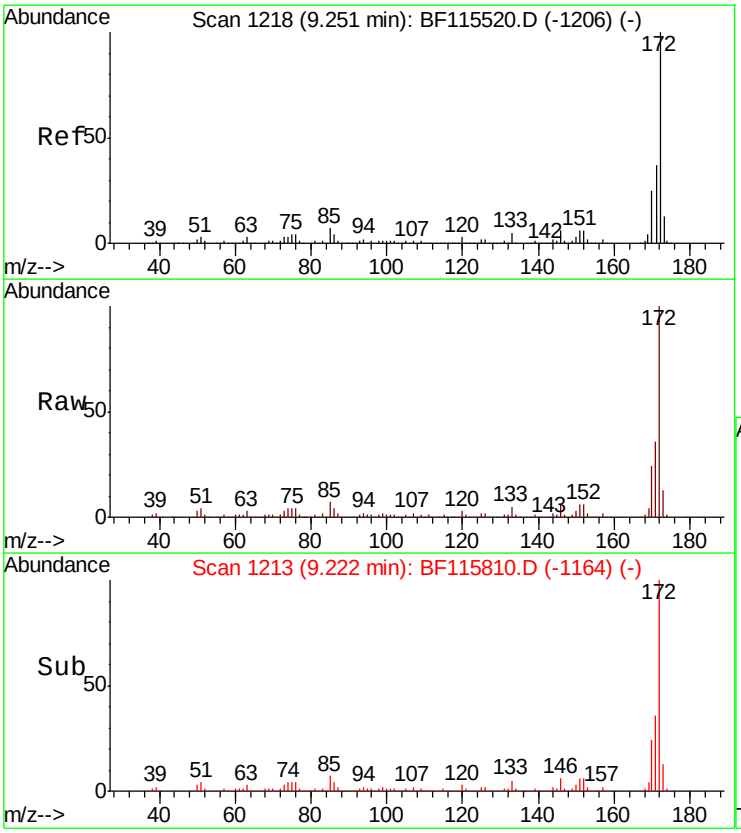
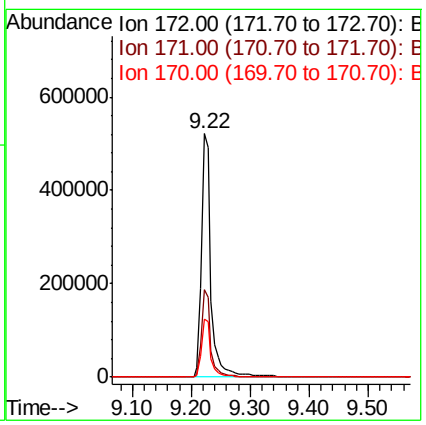
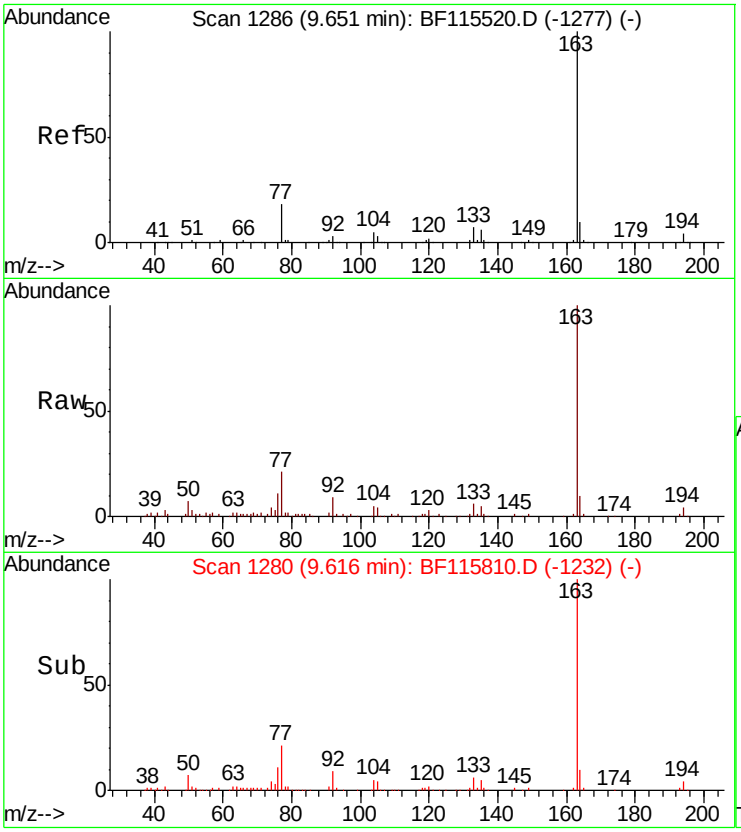


#45
2-Fluorobiphenyl
Concen: 37.886 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:172 Resp: 581863

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.8	20.1	30.1

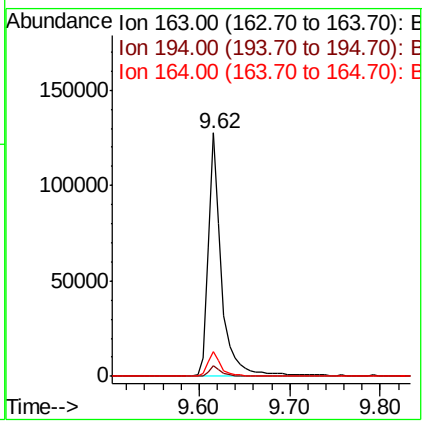




#50
Dimethylphthalate
Concen: 6.544 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:163 Resp: 132342

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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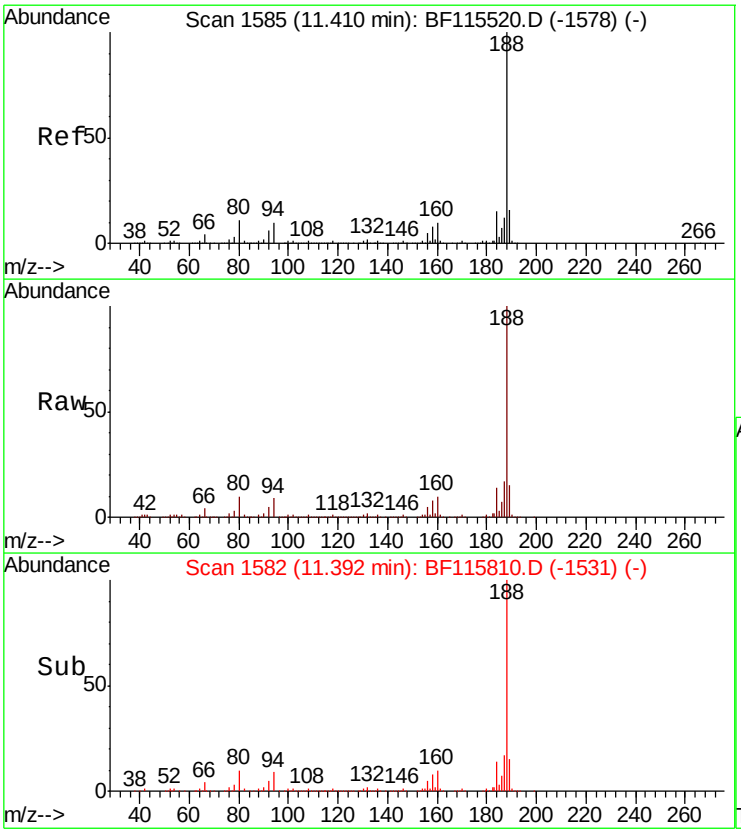
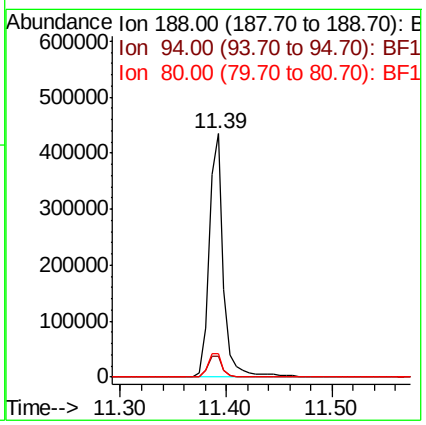
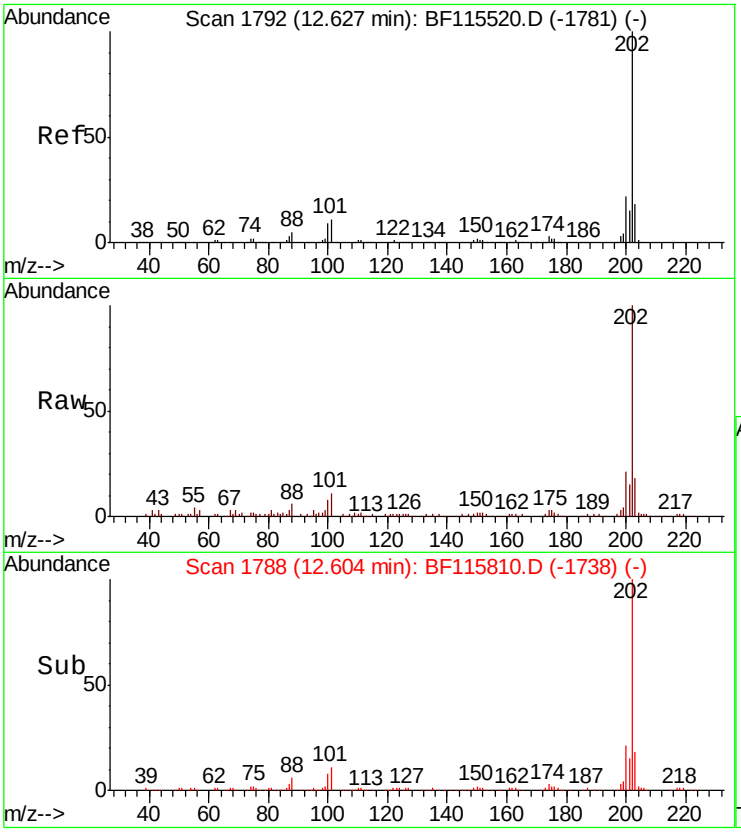


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:188 Resp: 410367

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.6	9.0	13.6

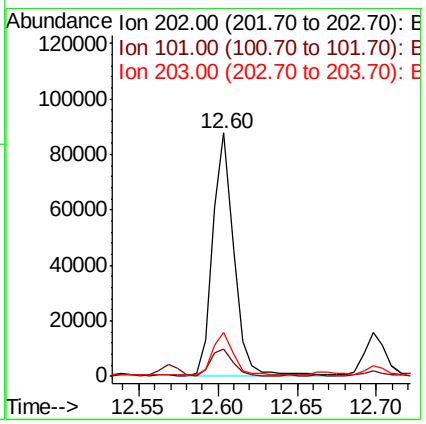




#75
Fluoranthene
Concen: 3.714 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:202 Resp: 82561

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.6
203	18.0	0.0	38.0



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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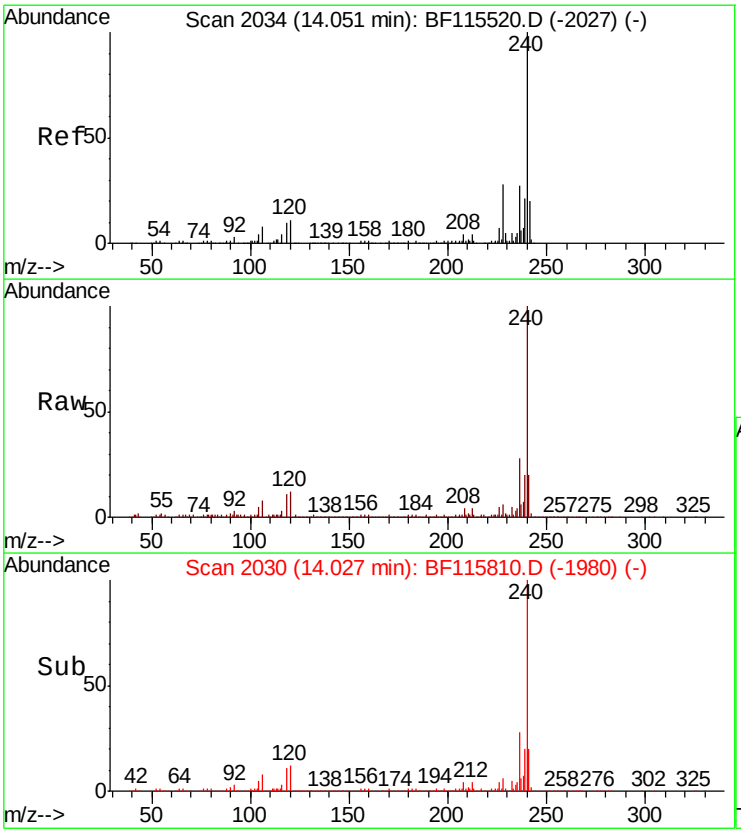
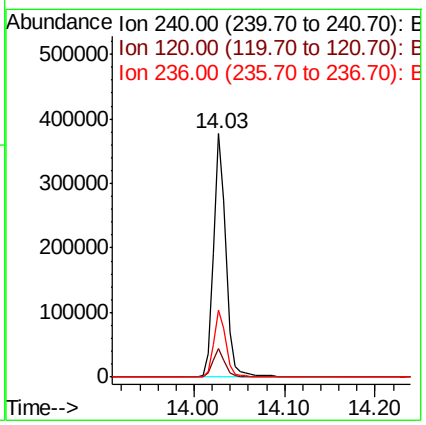
7/29/2019 5:29:14 PM

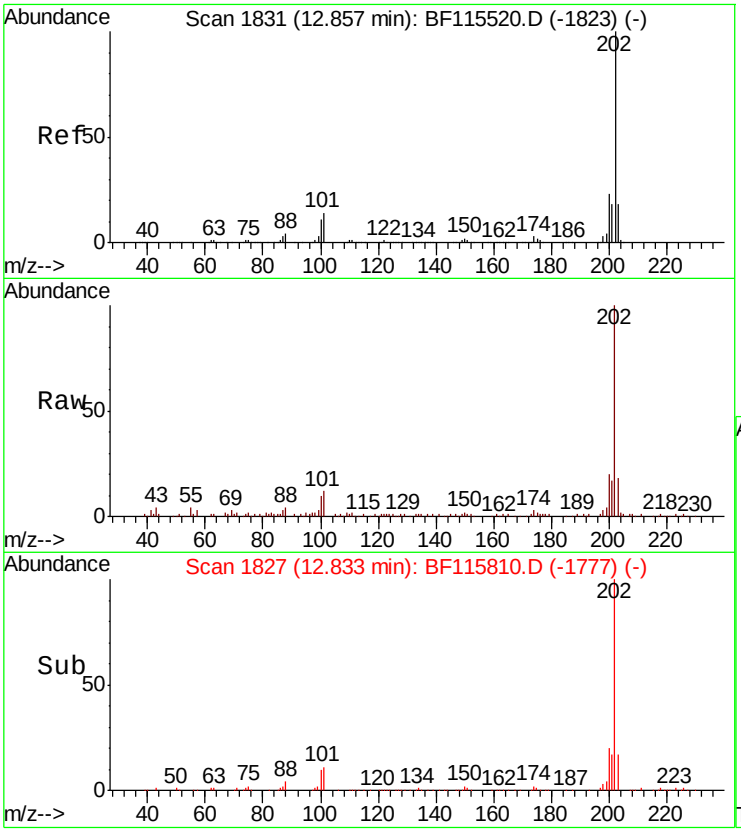


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:240 Resp: 352570

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.0	15.0
236	27.7	21.8	32.6





#78
Pyrene
Concen: 3.007 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:202 Resp: 89816

Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.2	27.4
203	17.5	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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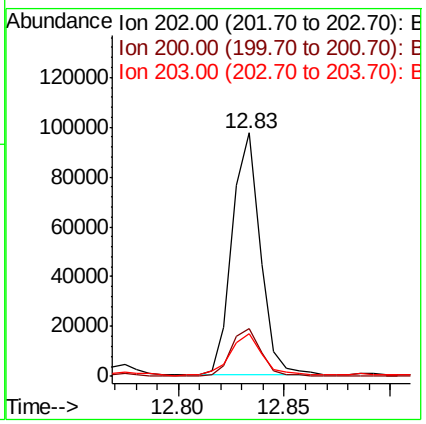
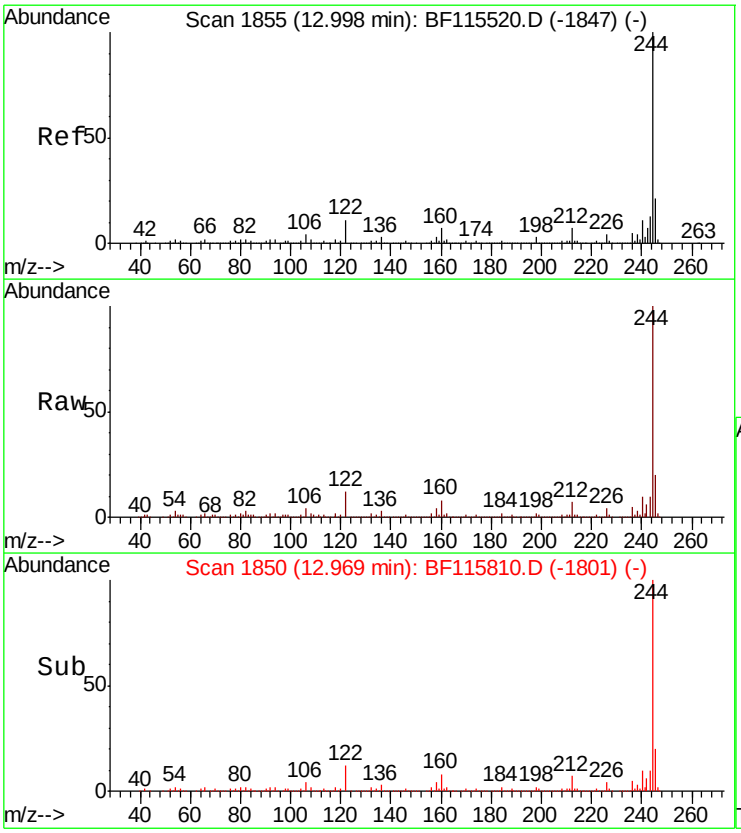
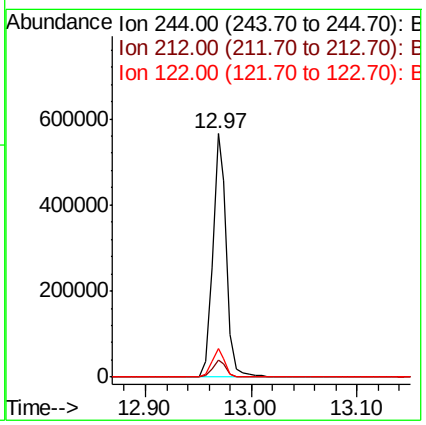


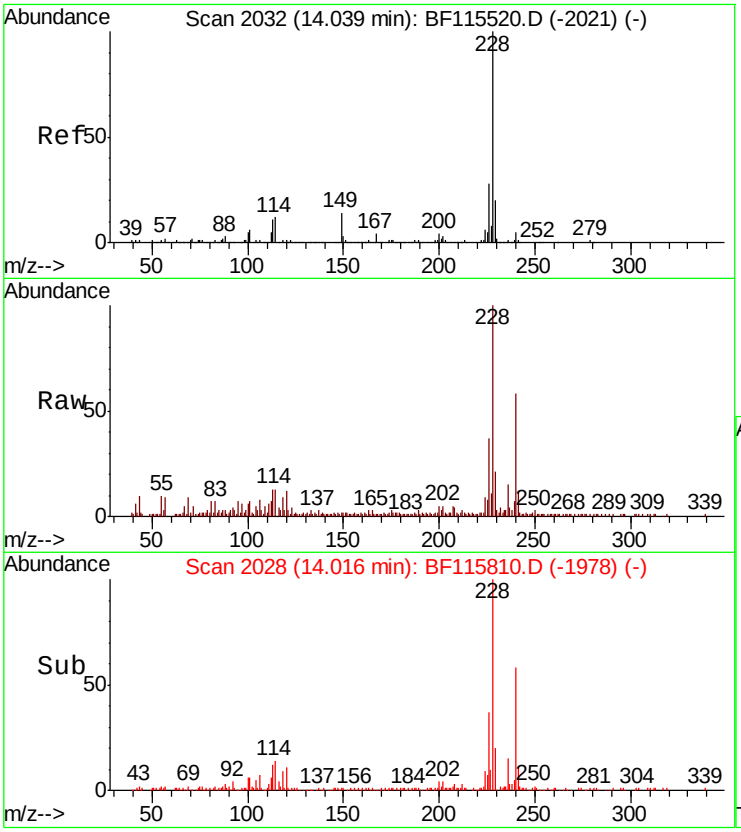


#79
Terphenyl-d14
Concen: 27.131 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:244 Resp: 518406

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	12.0	8.2	12.4





#81
Benzo(a)anthracene
Concen: 2.814 ng m
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:228 Resp: 65357

Ion	Ratio	Lower	Upper
228	100		
226	37.2	22.2	33.2#
229	21.3	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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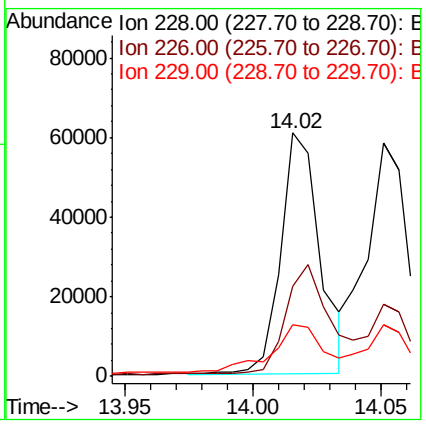
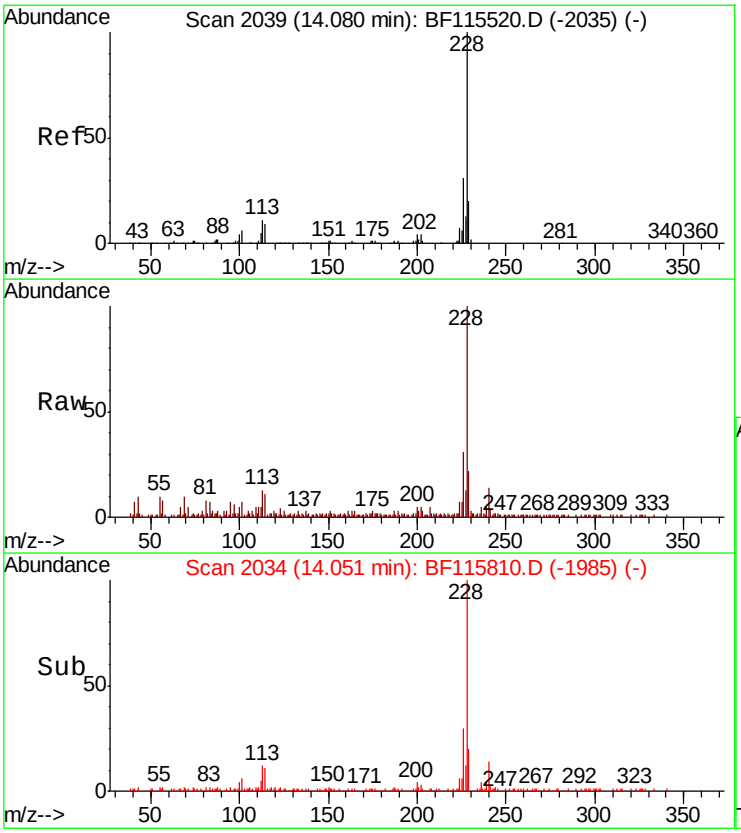
7/29/2019 5:29:14 PM

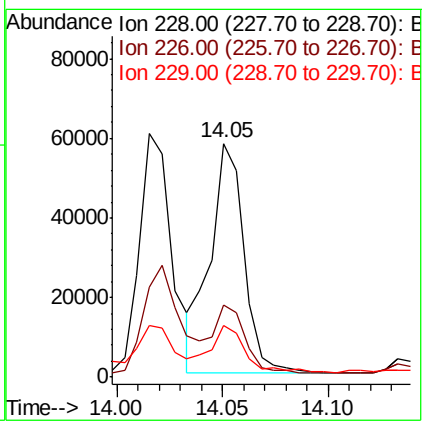


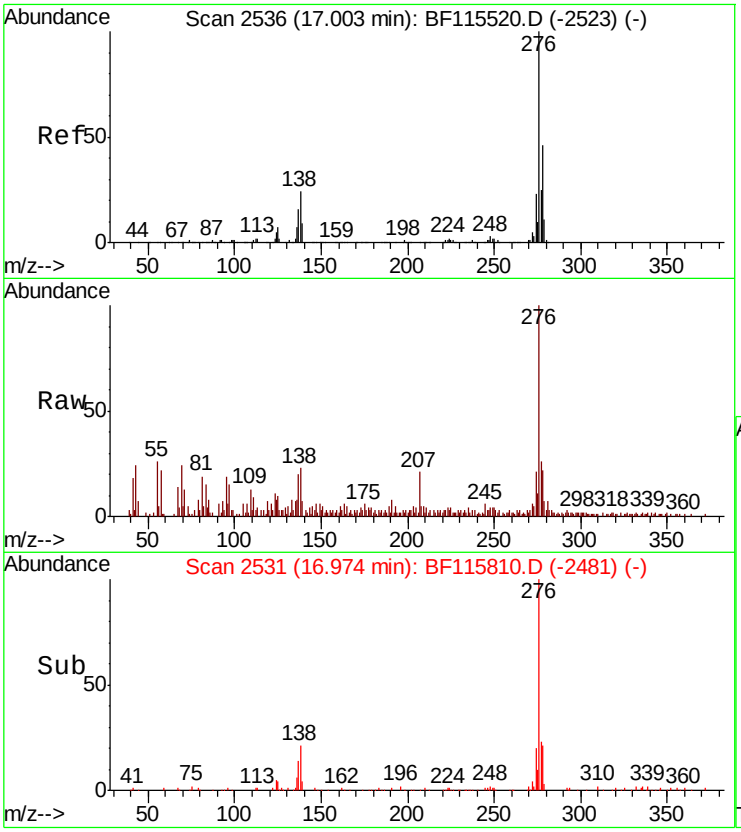


#83
Chrysene
Concen: 2.780 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:228 Resp: 64825

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	22.1	16.2	24.2

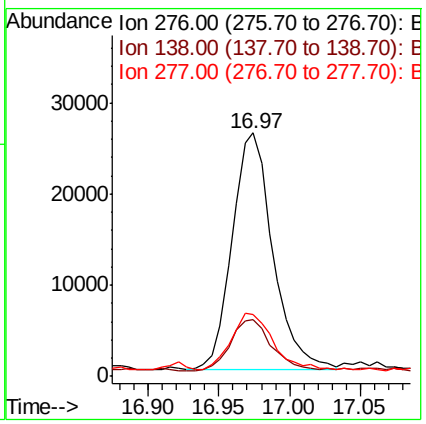




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.659 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:276 Resp: 52684

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.1	30.1
277	24.4	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

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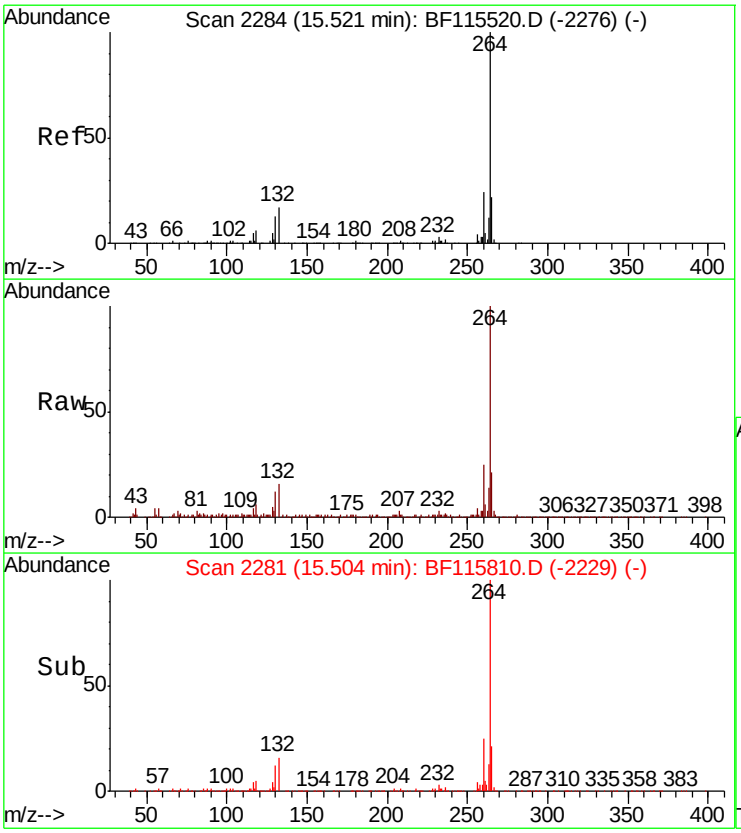
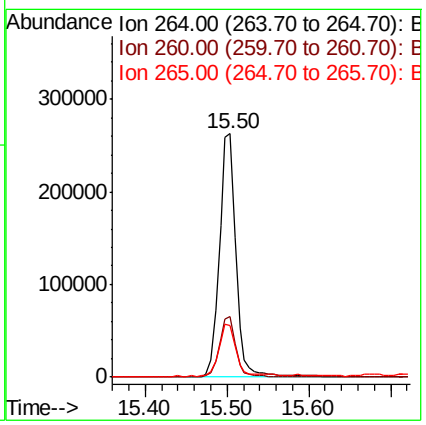
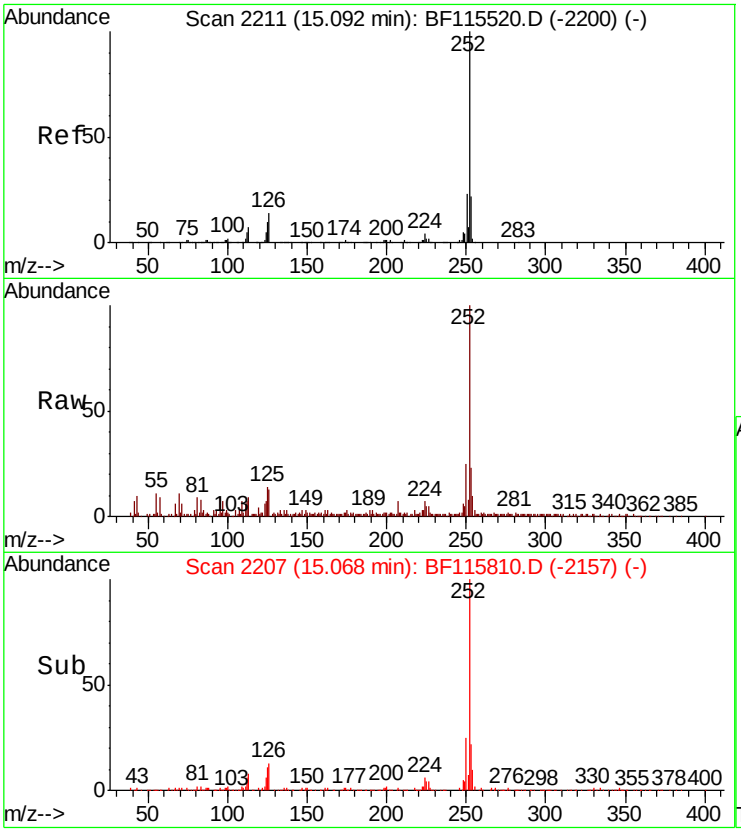


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:264 Resp: 365936

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.0	17.5	26.3

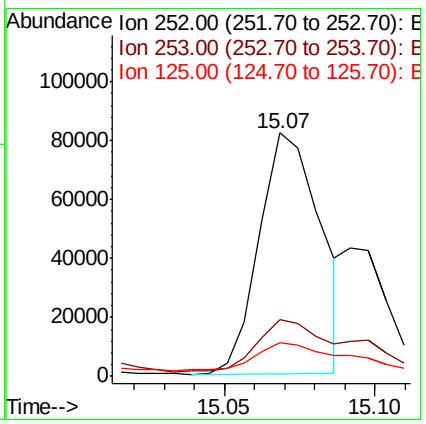




#88
Benzo(b)fluoranthene
Concen: 4.904 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:252 Resp: 115563

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	13.9	8.4	12.6#



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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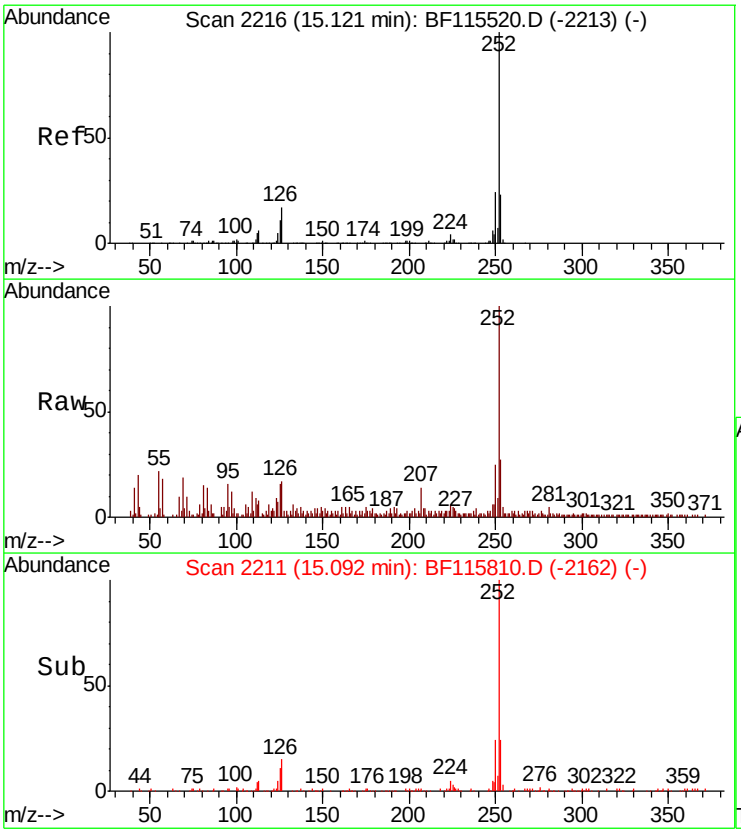
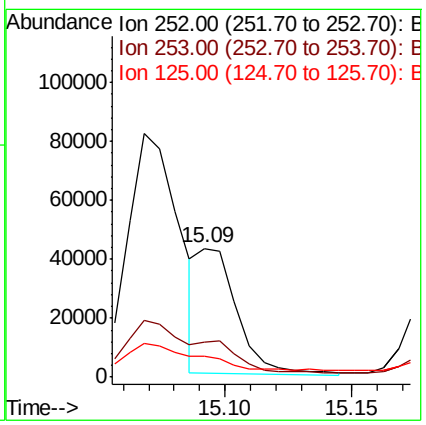
7/29/2019 5:29:14 PM

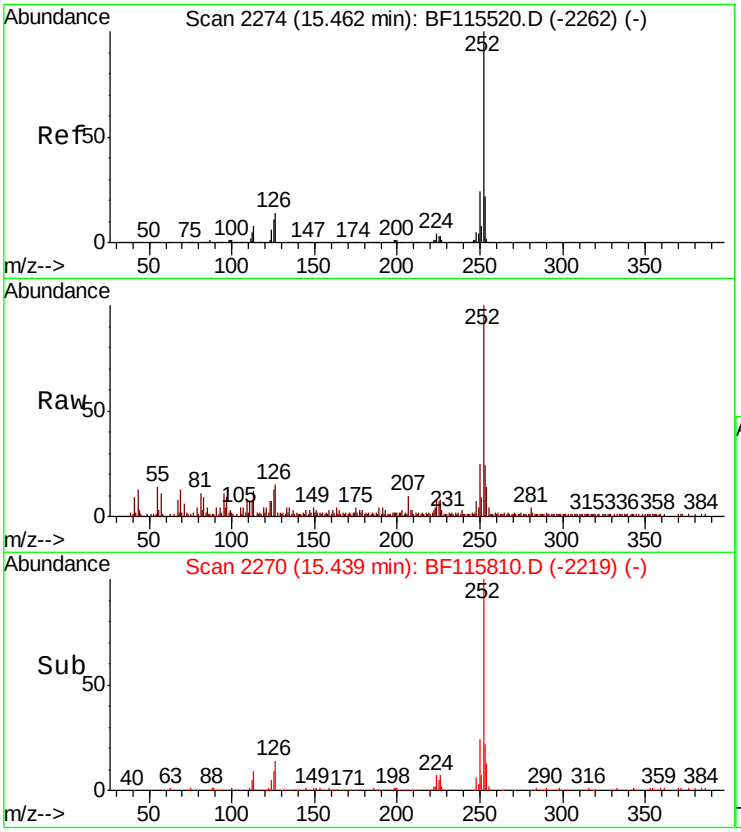


#89
Benzo(k)fluoranthene
Concen: 2.147 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:252 Resp: 45107

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.1	27.1#
125	15.9	8.6	13.0#

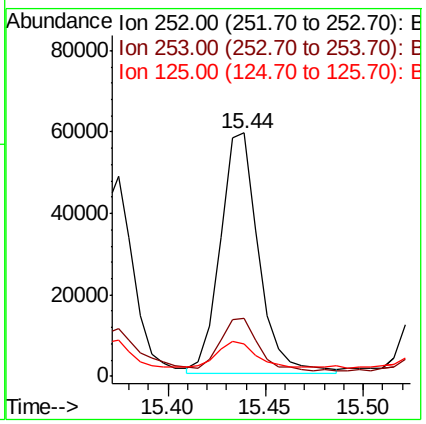




#90
Benzo(a)pyrene
Concen: 3.946 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:252 Resp: 79914

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	13.2	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Manual Integrations APPROVED
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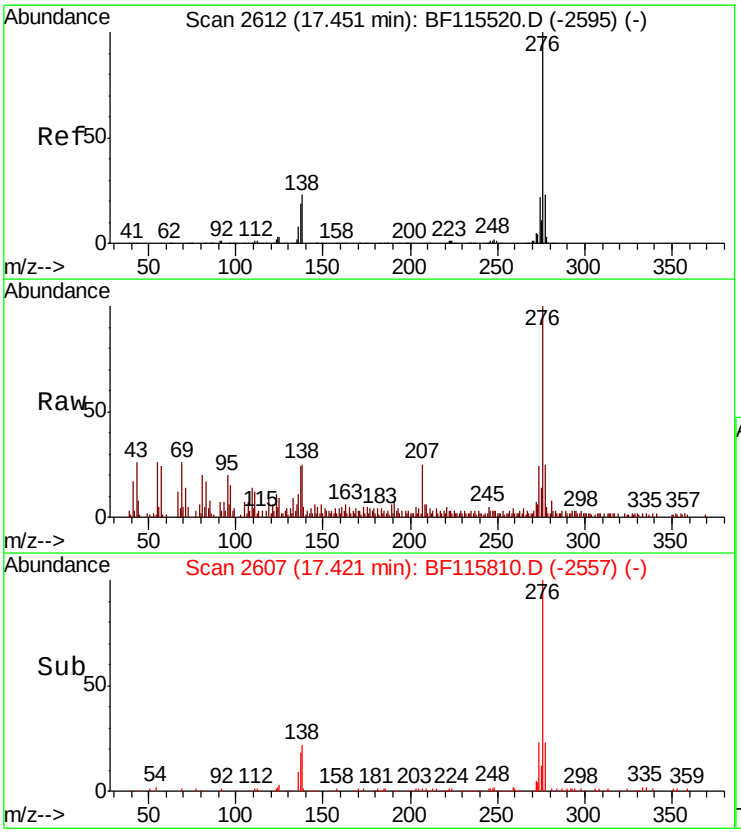
7/29/2019 5:29:14 PM



#92
Benzo(g,h,i)perylene
Concen: 3.041 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF115810.D
Acq: 27 Jul 2019 1:52

Tgt Ion:276 Resp: 53930

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.1	27.1
138	24.5	16.6	24.8