Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
Data File : BF116574.D
Acq On : 26 Aug 2019 15:03
Operator : HP/JU
Sample : K4462-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
Jagrut
8/27/2019 10:30:30 AM

Quant Time: Aug 27 04:39:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	109719	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	428963	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	226364	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	380875	20.00	ng		0.00
76) Chrysene-d12	14.03	240	214161	20.00	ng		0.00
87) Perylene-d12	15.51	264	235225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	578147	76.99	ng		0.00
7) Phenol-d6	6.50	99	780600	84.78	ng		0.00
23) Nitrobenzene-d5	7.44	82	496300	63.30	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	191553	98.55	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	854799	60.81	ng		0.00
79) Terphenyl-d14	12.98	244	745607	65.03	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.62	163	166368	10.534	ng	#	99
75) Fluoranthene	12.60	202	88771	4.138	ng		96
78) Pyrene	12.83	202	108510	6.336	ng		98
81) Benzo(a)anthracene	14.02	228	45607	3.288	ng	#	86
83) Chrysene	14.06	228	45065	3.206	ng	#	89
86) Indeno(1,2,3-cd)pyrene	16.97	276	37138	3.084	ng		96
88) Benzo(b)fluoranthene	15.07	252	78140m	5.377	ng		
90) Benzo(a)pyrene	15.44	252	49486	3.853	ng	#	72
92) Benzo(g,h,i)perylene	17.42	276	41019	4.077	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
Data File : BF116574.D
Acq On : 26 Aug 2019 15:03
Operator : HP/JU
Sample : K4462-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
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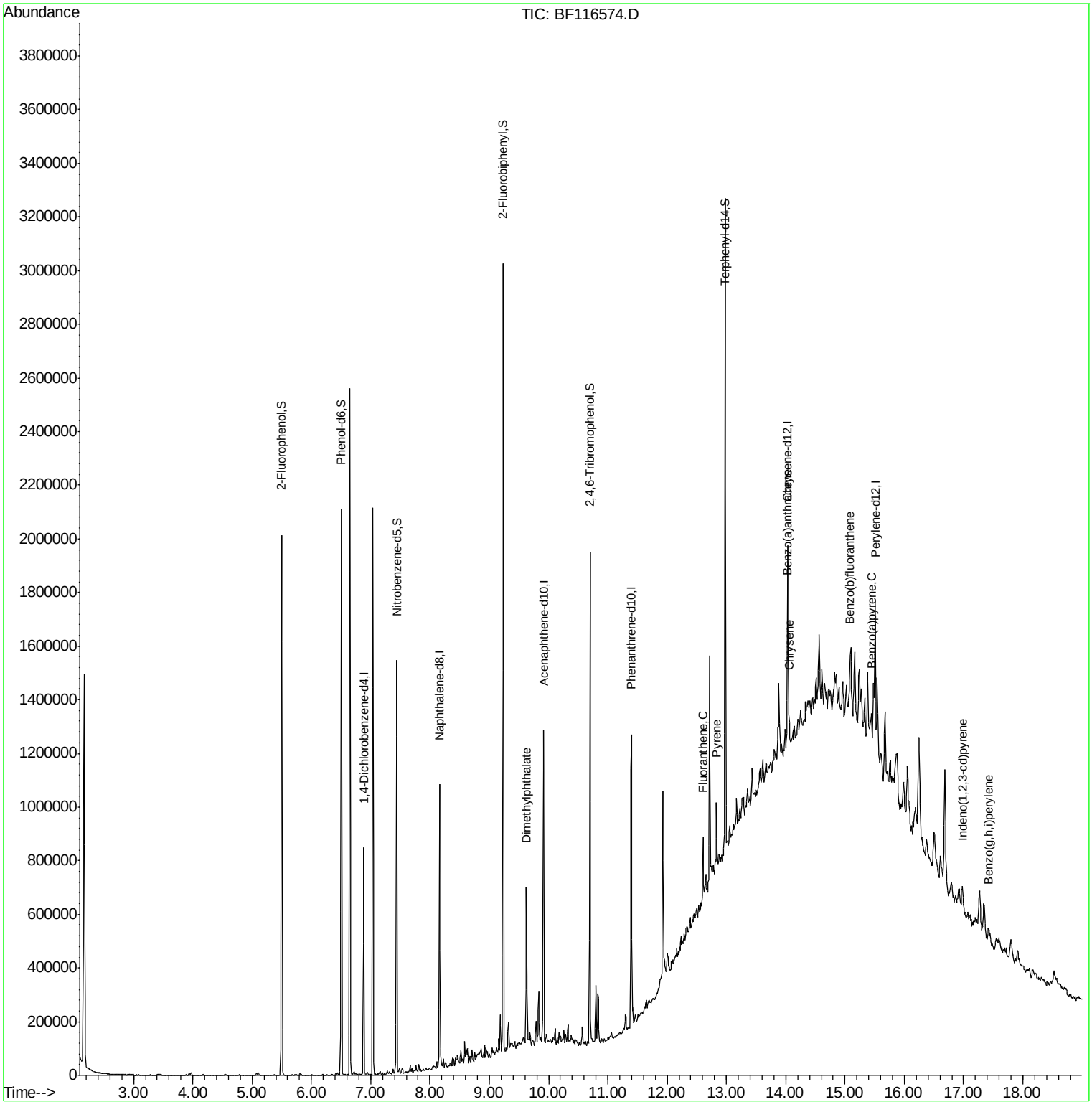
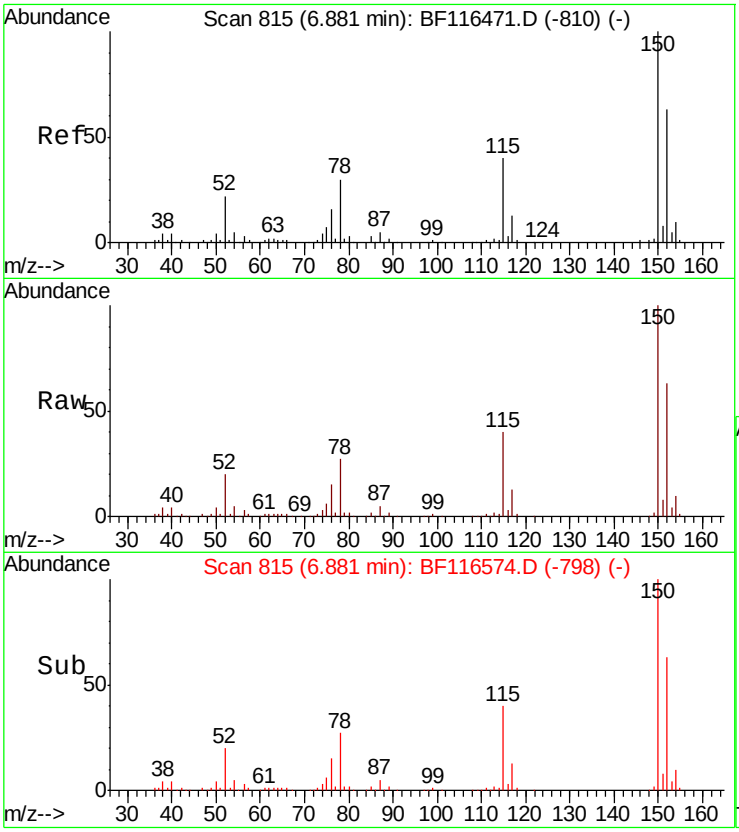
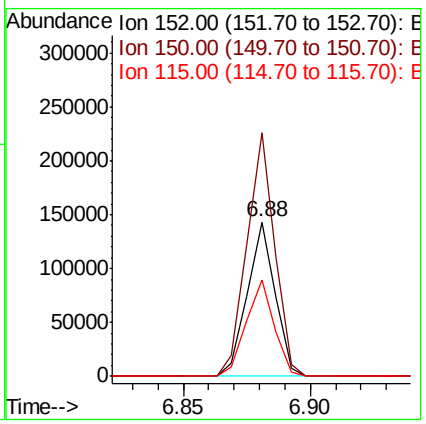




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:152 Resp: 109719

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.7	190.1
115	62.7	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
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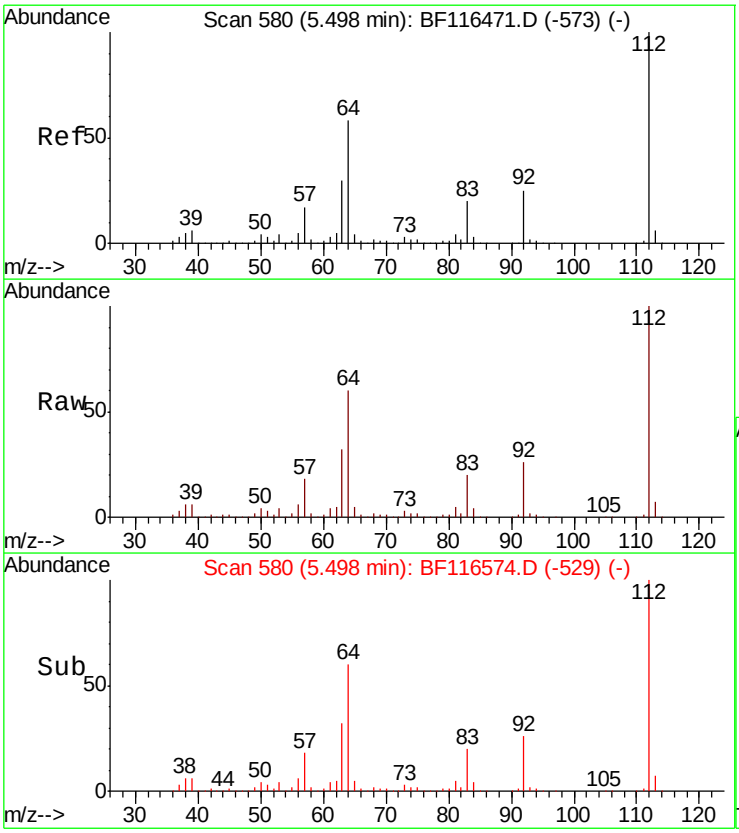
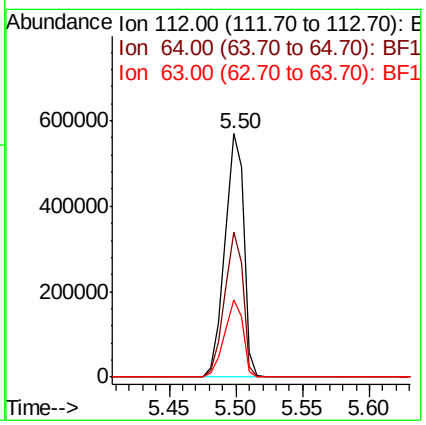
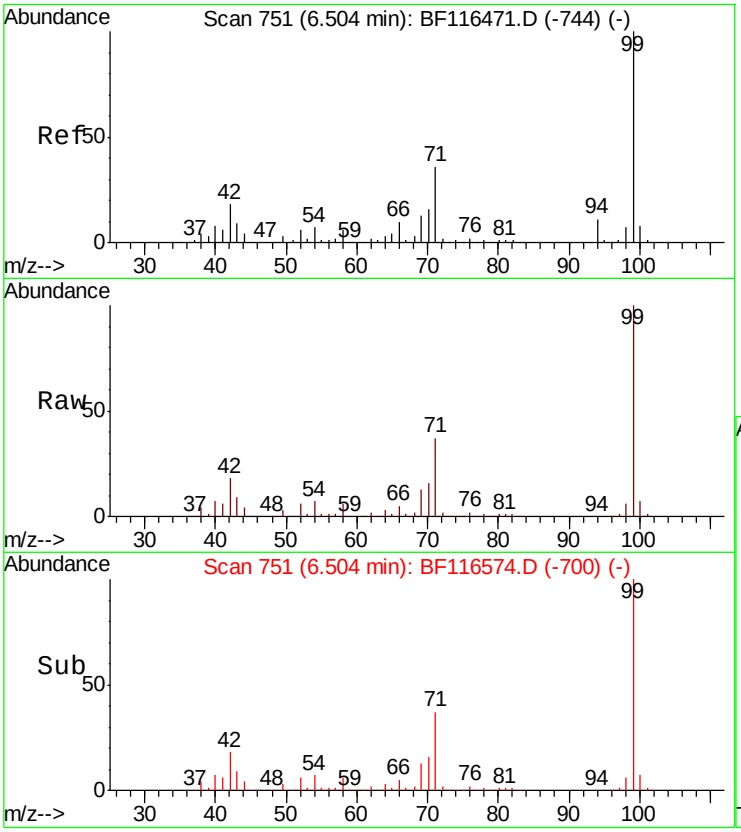


#5
2-Fluorophenol
Concen: 76.993 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:112 Resp: 578147

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.3	69.5
63	32.0	24.2	36.4

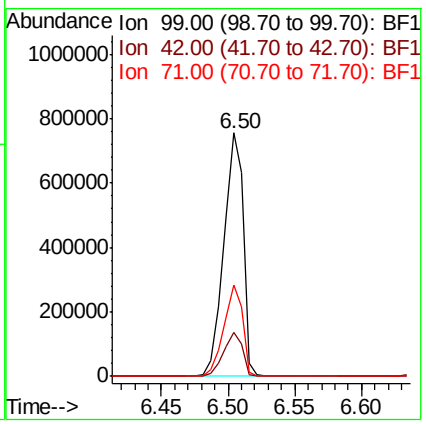




#7
Phenol-d6
Concen: 84.781 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion: 99 Resp: 780600

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	37.3	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

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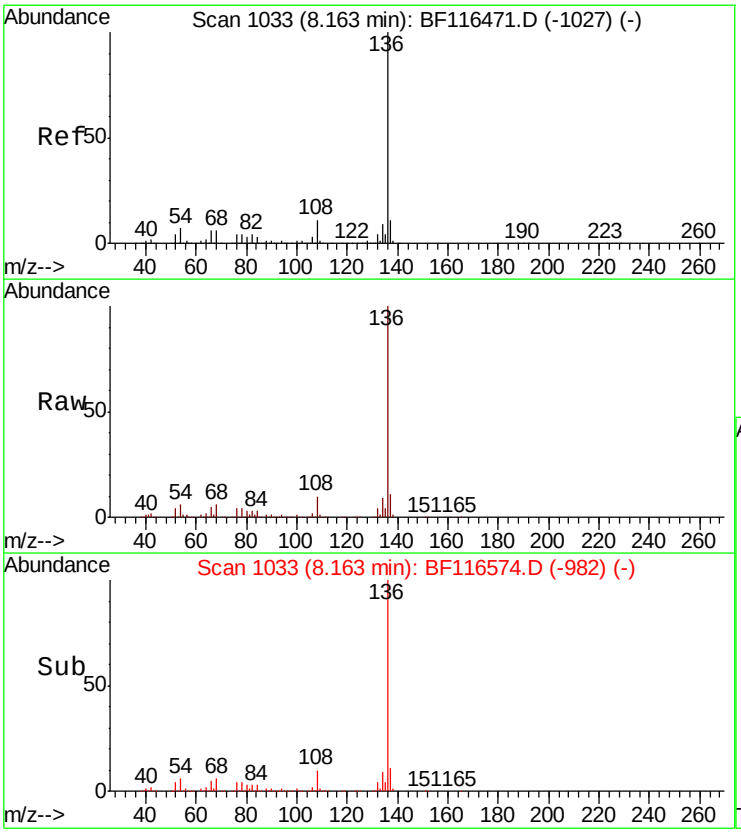
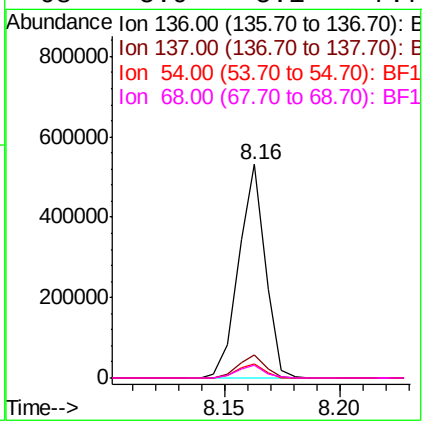
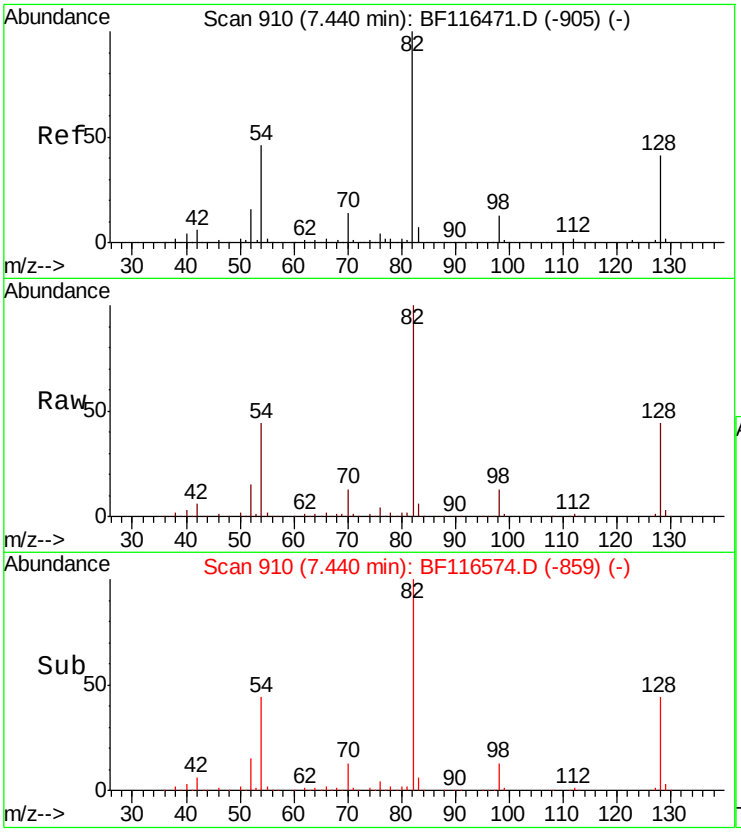


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:136 Resp: 428963

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.5	5.8	8.6
68	5.9	5.1	7.7

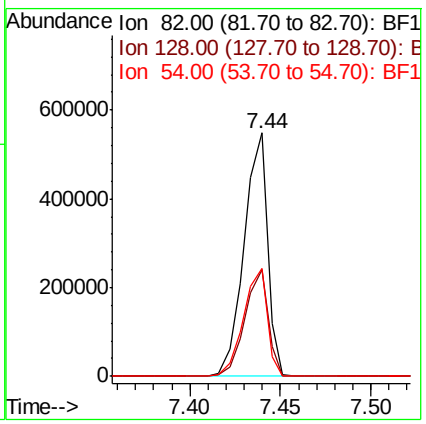




#23
Nitrobenzene-d5
Concen: 63.298 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion: 82 Resp: 496300

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.2	48.4
54	44.4	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
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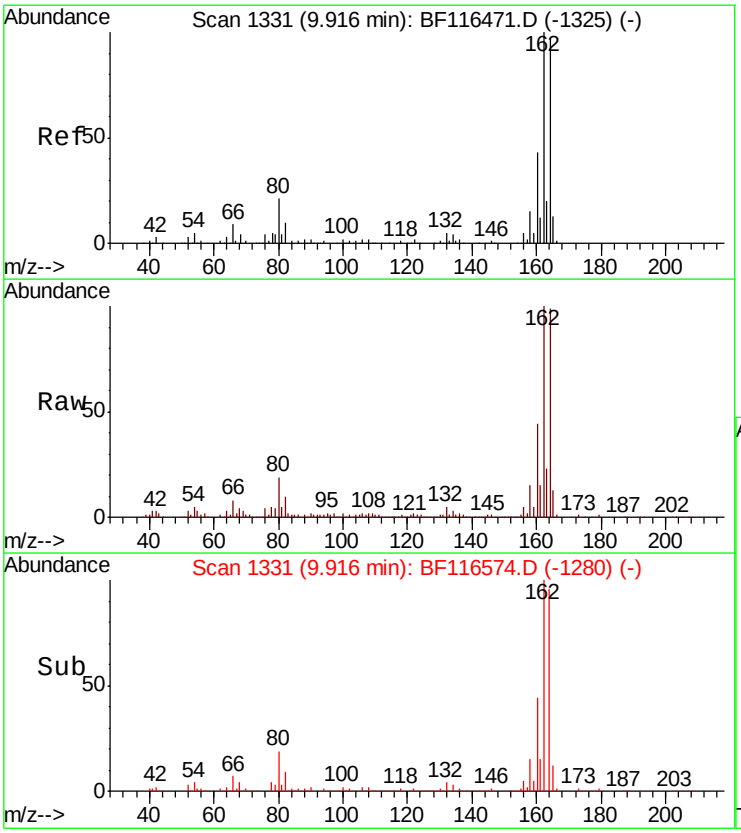
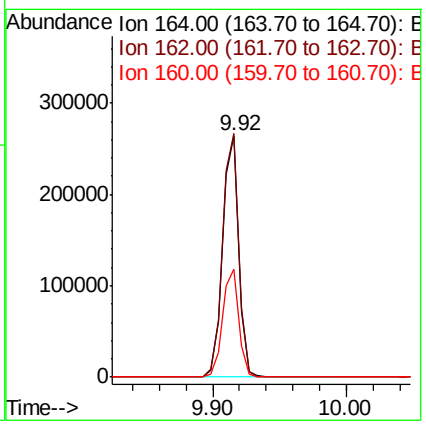
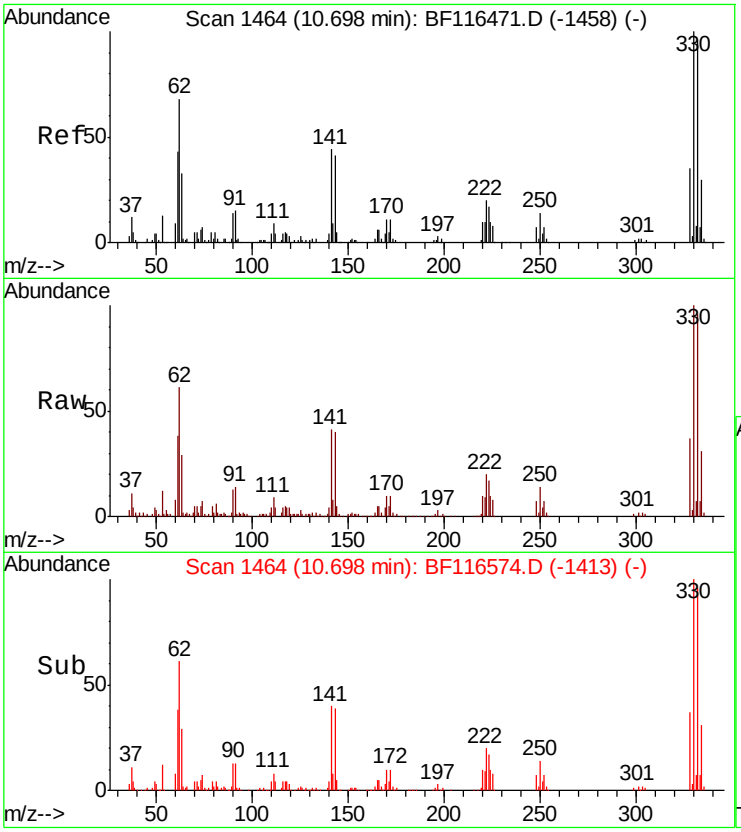


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:164 Resp: 226364

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.8	35.8	53.8





#42
2,4,6-Tribromophenol
Concen: 98.549 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:330 Resp: 191553

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	38.6	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
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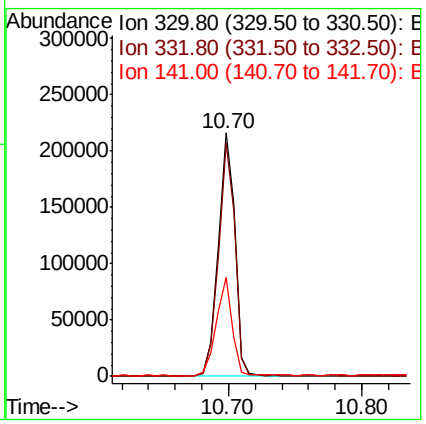
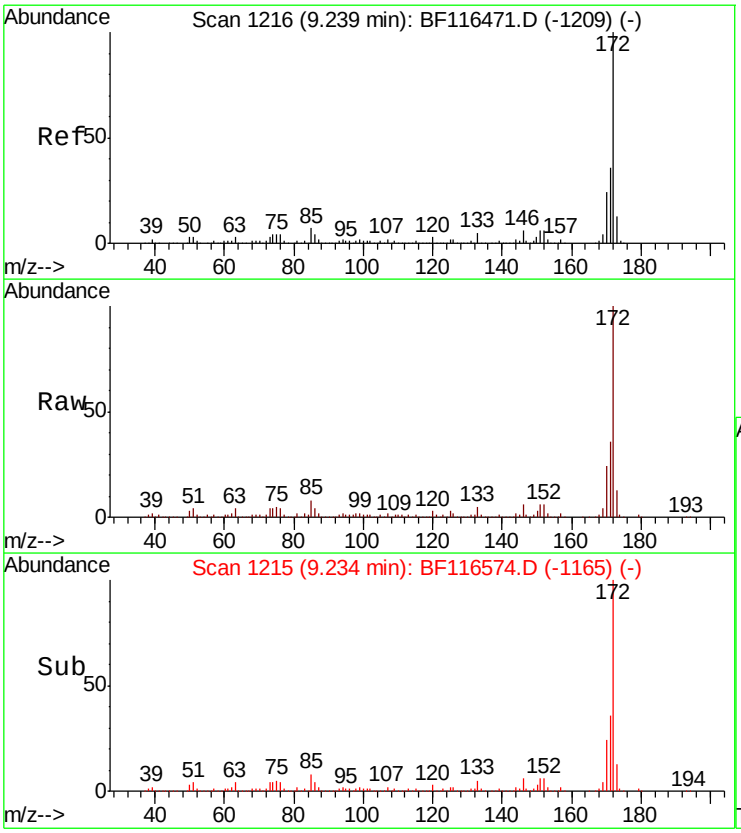
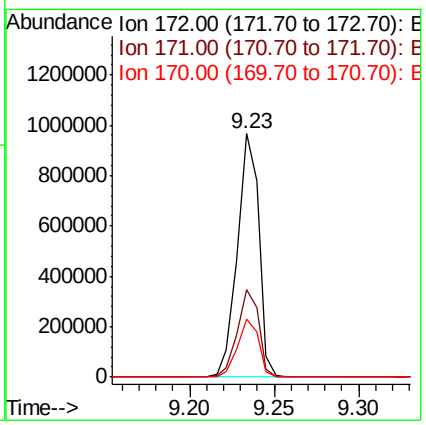


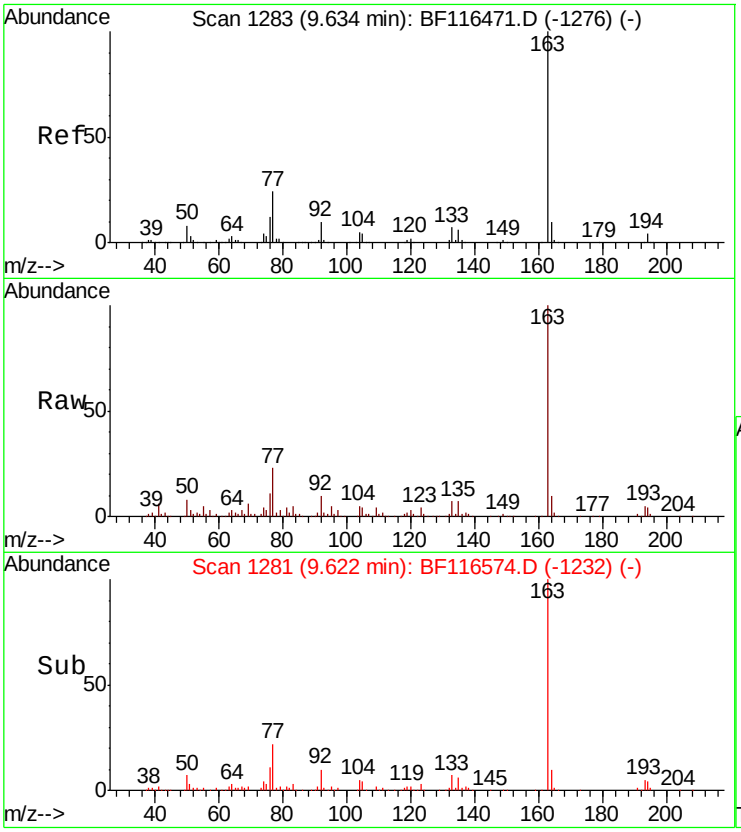


#45
2-Fluorobiphenyl
Concen: 60.812 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:172 Resp: 854799

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.7	19.4	29.0

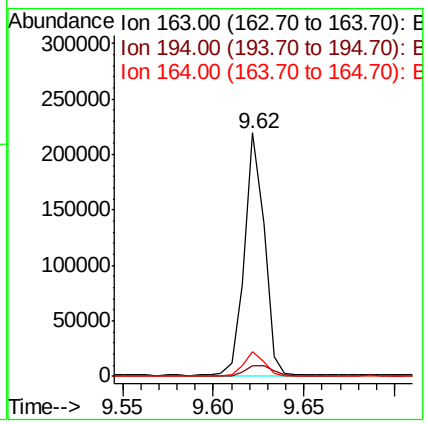




#50
Dimethylphthalate
Concen: 10.534 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:163 Resp: 166368

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	10.3	8.2	12.2



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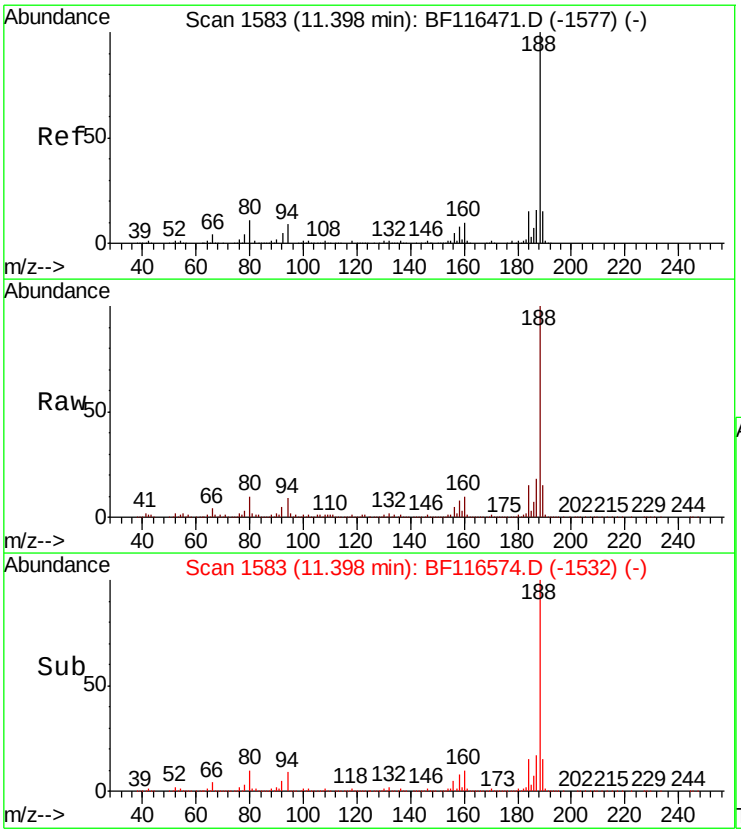
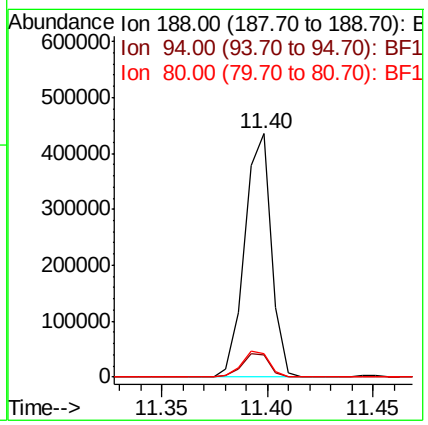
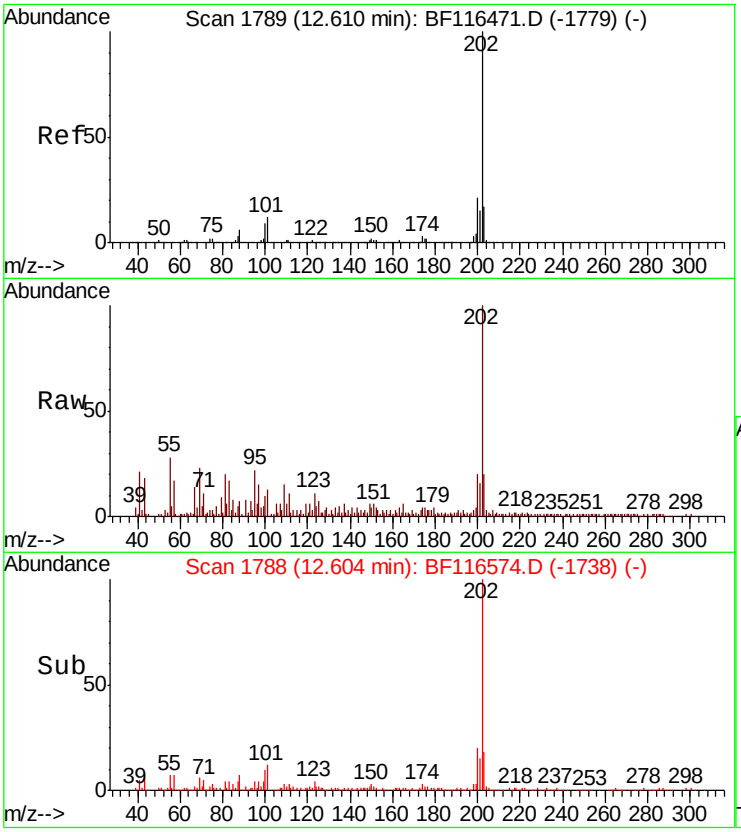


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:188 Resp: 380875

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.9	8.6	12.8

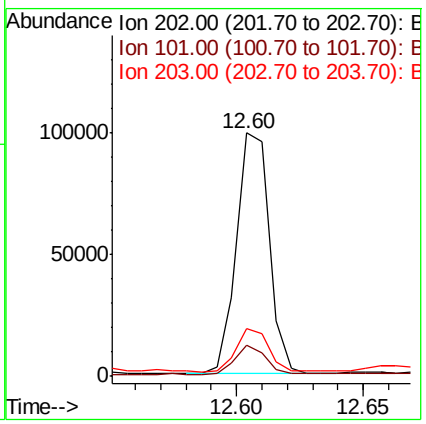




#75
Fluoranthene
Concen: 4.138 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:202 Resp: 88771

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	19.7	0.0	37.5



Instrument :
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ClientSampleId :
SB-46-COMP

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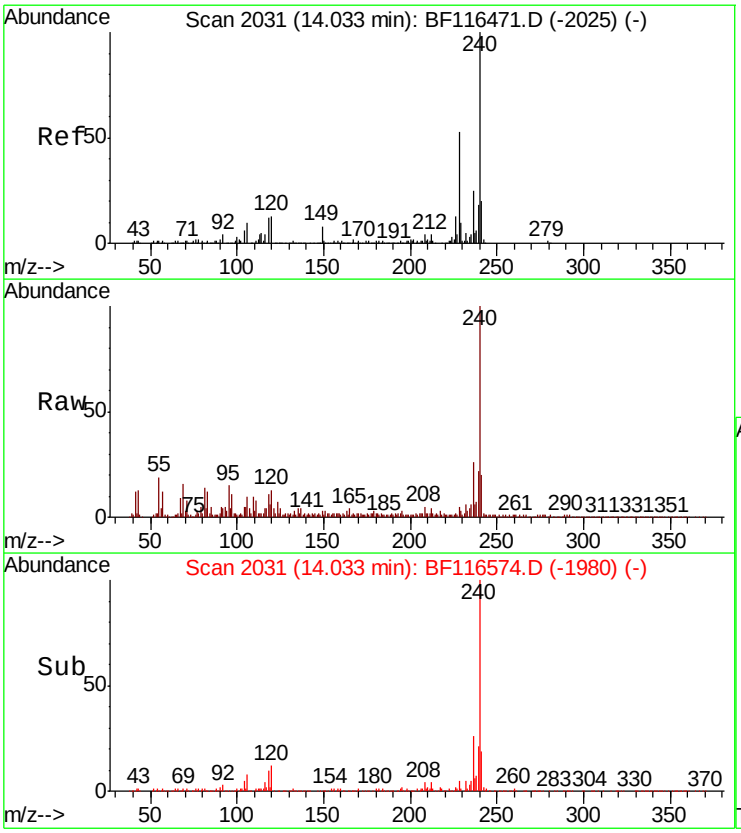
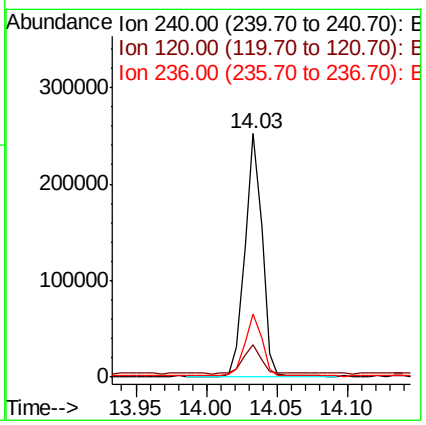
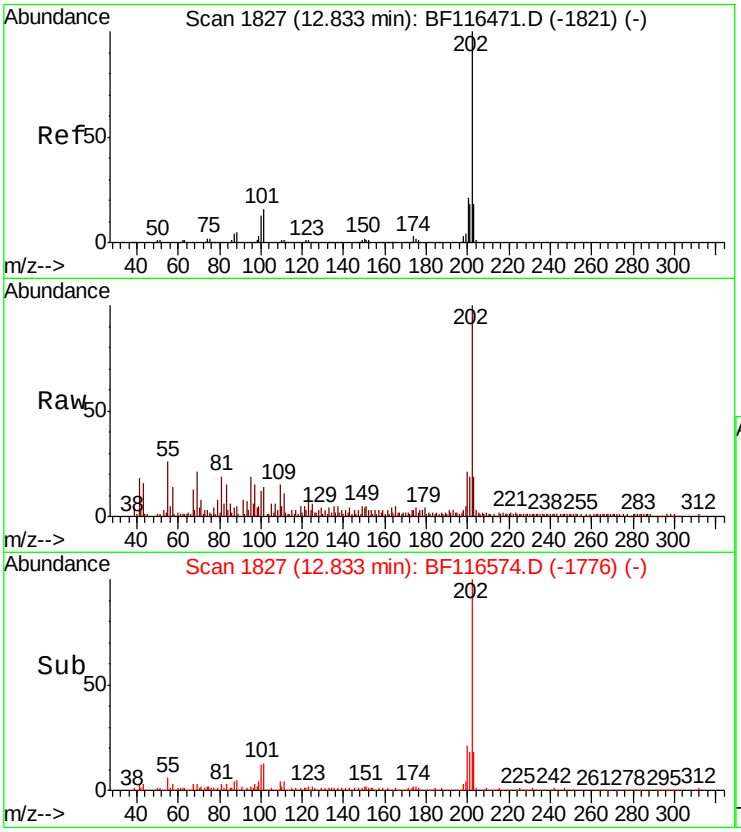


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:240 Resp: 214161

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.5	15.7
236	26.2	20.2	30.2

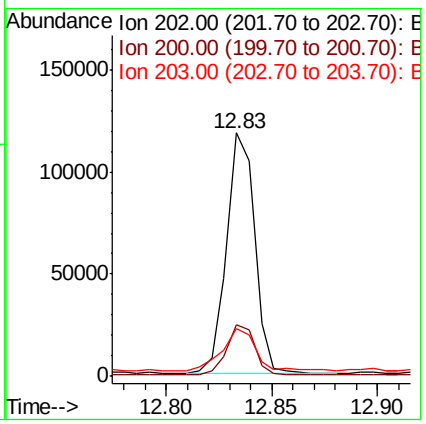




#78
Pyrene
Concen: 6.336 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:202 Resp: 108510

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	19.5	14.2	21.4



Instrument :
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ClientSampleId :
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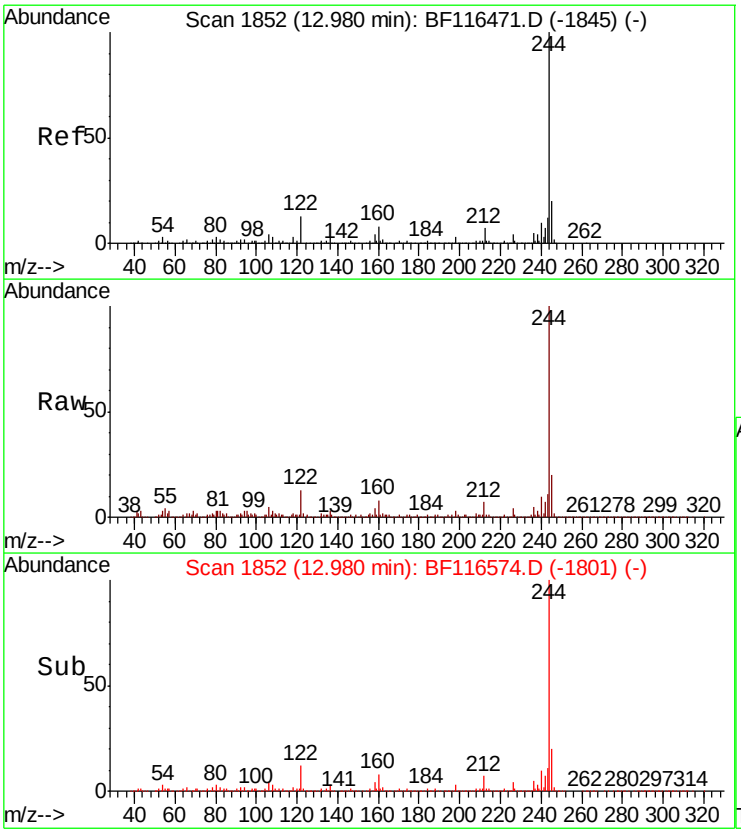
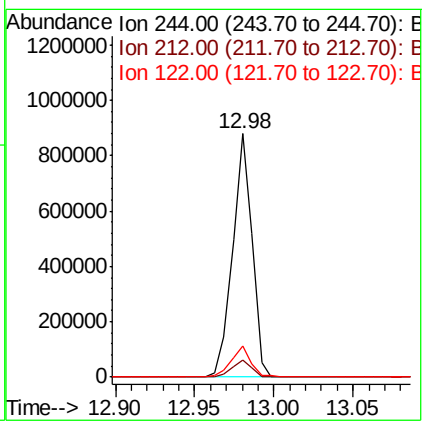
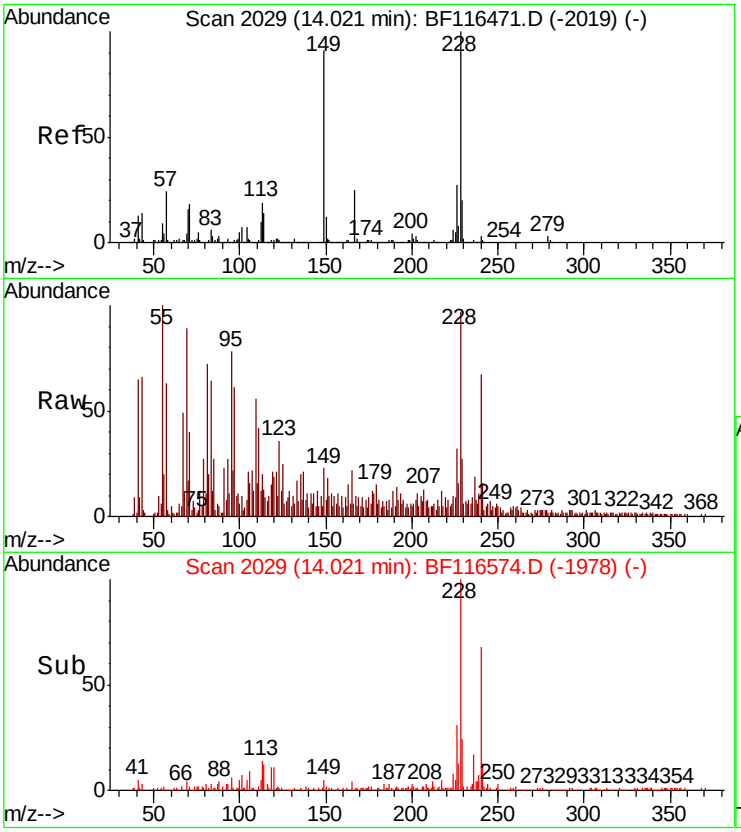


#79
Terphenyl-d14
Concen: 65.032 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:244 Resp: 745607

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.6	10.2	15.4





#81
Benzo(a)anthracene
Concen: 3.288 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:228 Resp: 45607

Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.8	32.6#
229	28.4	15.9	23.9#

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
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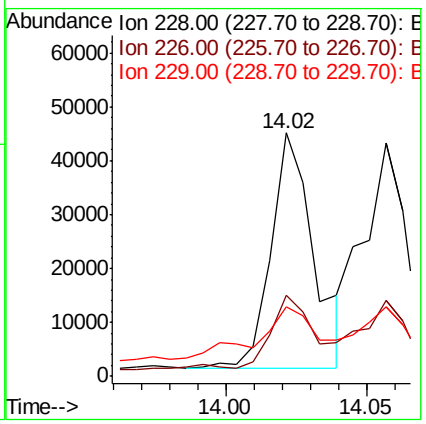
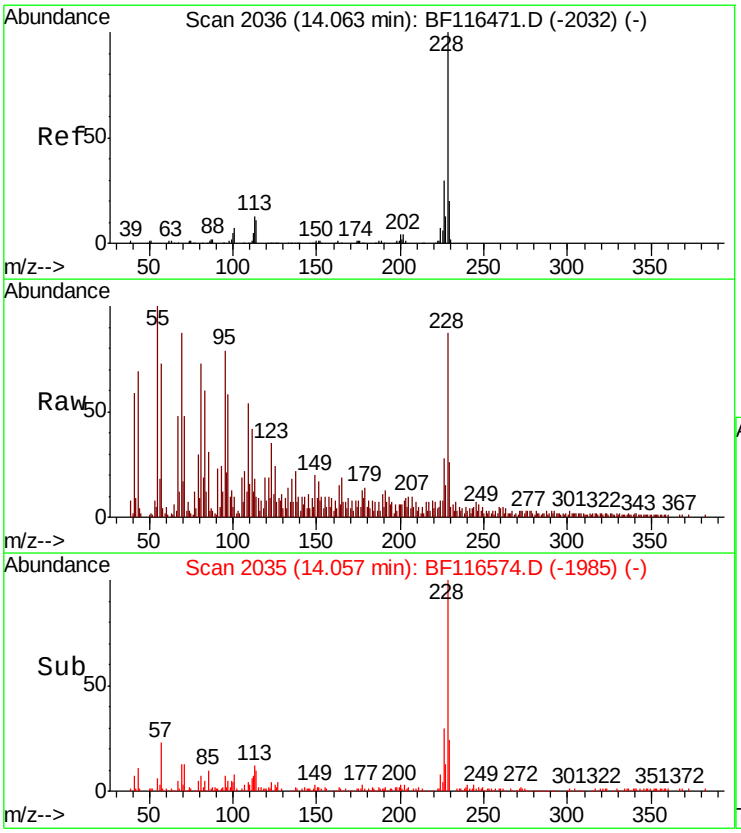
8/27/2019 10:30:30 AM

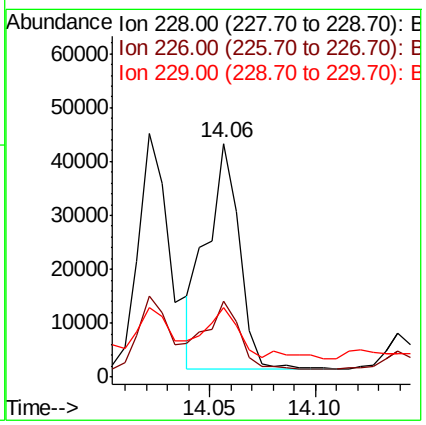


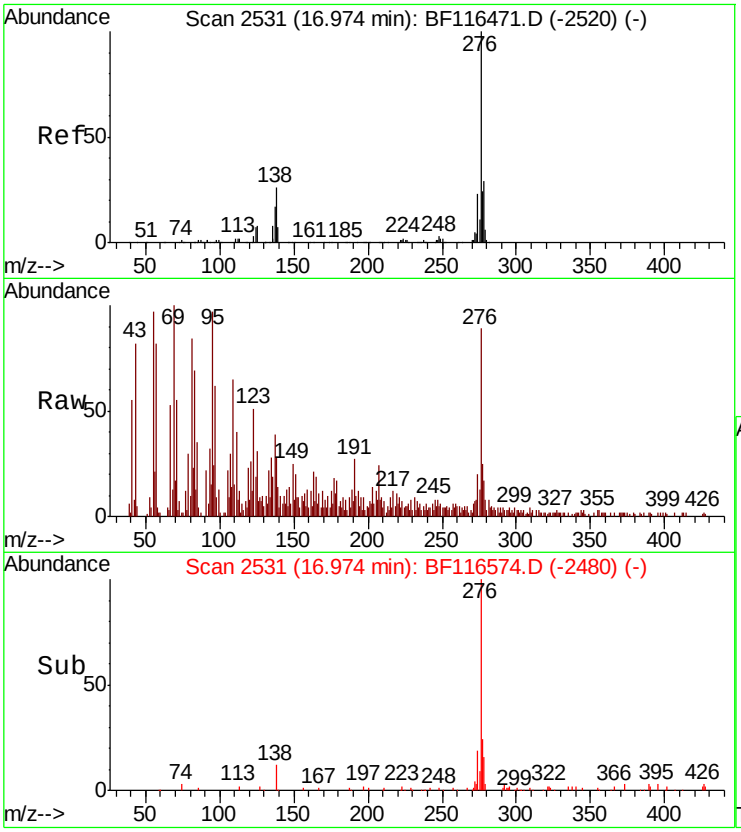


#83
Chrysene
Concen: 3.206 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:228 Resp: 45065

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.2
229	29.8	15.8	23.6#

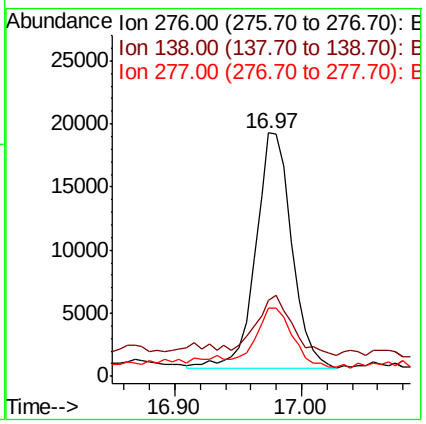




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.084 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:276 Resp: 37138

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.9	34.3
277	24.8	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
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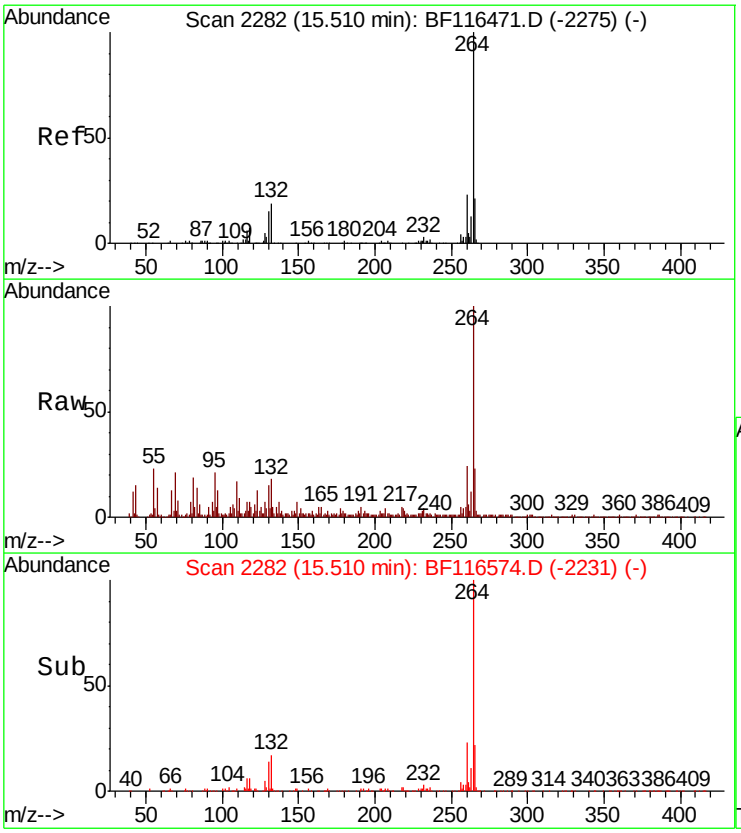
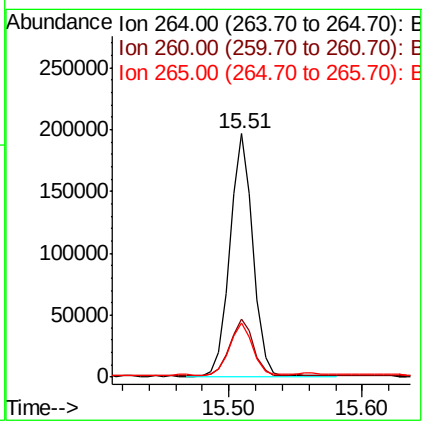
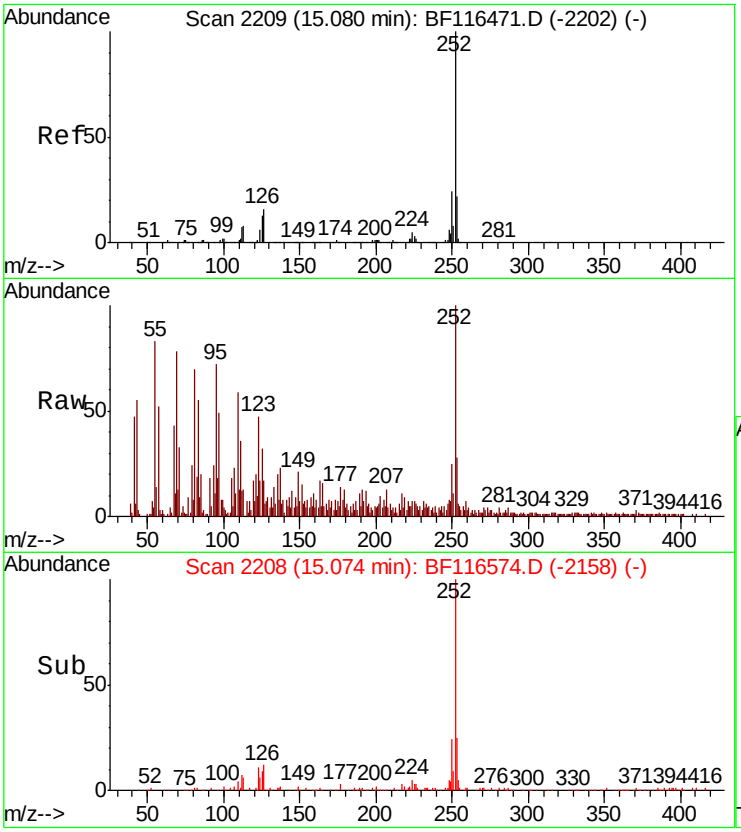


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:264 Resp: 235225

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.5	17.1	25.7





#88
Benzo(b)fluoranthene
Concen: 5.377 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:252 Resp: 78140

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.5	26.3#
125	31.8	10.1	15.1#

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

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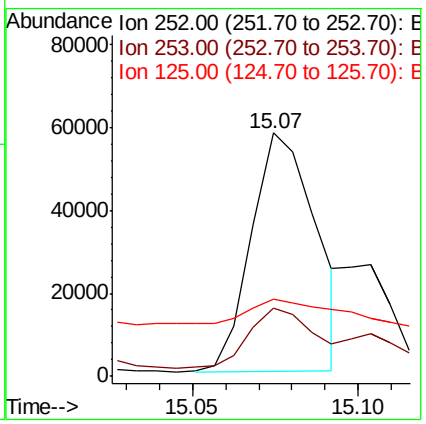
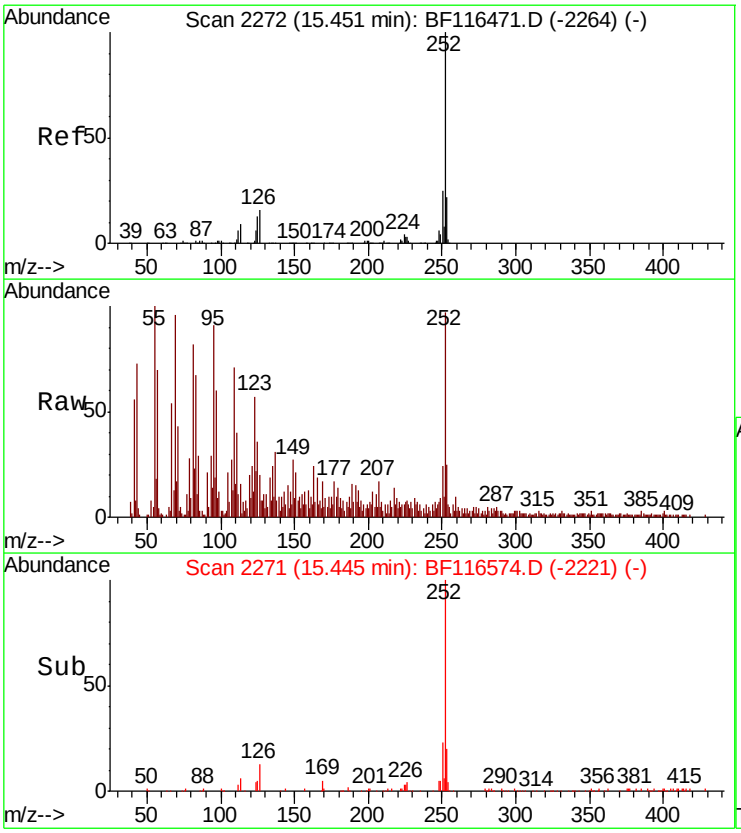
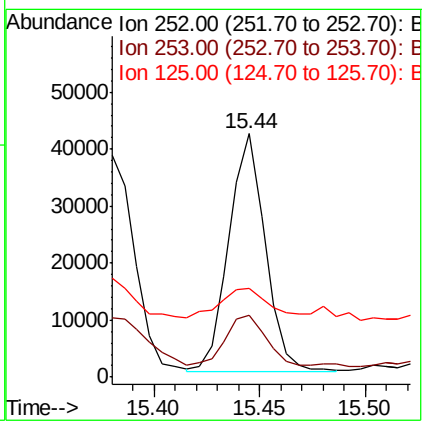


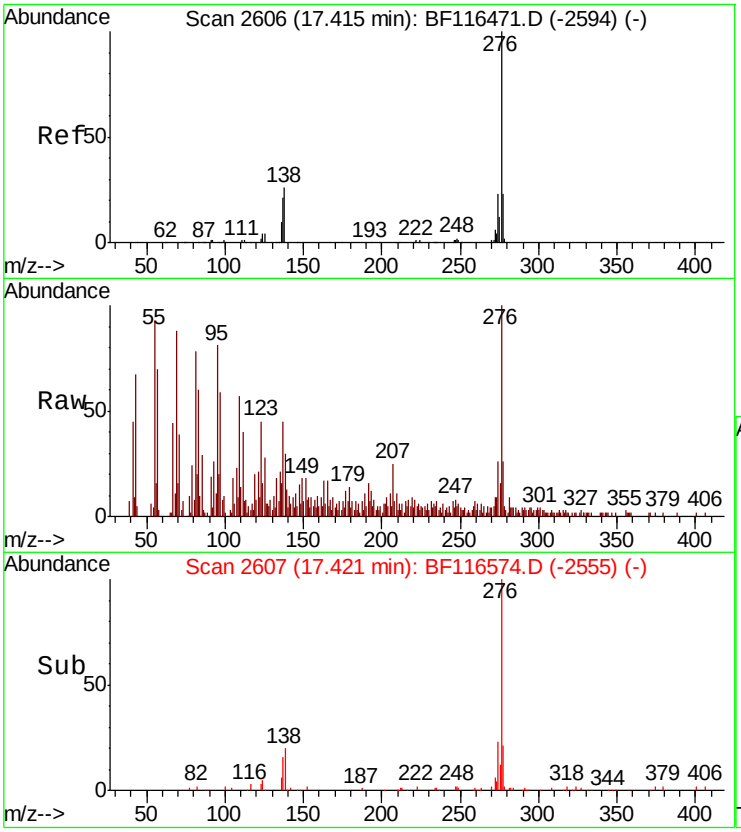


#90
Benzo(a)pyrene
Concen: 3.853 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:252 Resp: 49486

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	36.6	10.2	15.4#

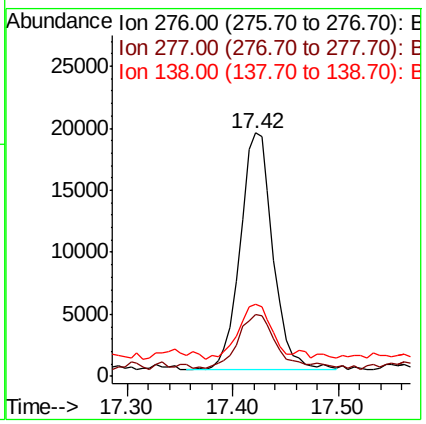




#92
Benzo(g,h,i)perylene
Concen: 4.077 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF116574.D
Acq: 26 Aug 2019 15:03

Tgt Ion:276 Resp: 41019

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	29.6	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Manual Integrations APPROVED
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