Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116518.D
Acq On : 24 Aug 2019 12:46
Operator : HP/JU
Sample : K4461-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:03 AM

Quant Time: Aug 26 03:57:44 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	123676	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	453615	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	216567	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	348005	20.00	ng	0.00
76) Chrysene-d12	14.03	240	242027	20.00	ng	0.00
87) Perylene-d12	15.50	264	240214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	677360	80.03	ng	0.00
7) Phenol-d6	6.51	99	885605	85.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	525983	63.44	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	149983	80.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	868697	64.60	ng	0.00
79) Terphenyl-d14	12.98	244	782727	60.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	39398	3.496	ng	95
50) Dimethylphthalate	9.62	163	114753	7.595	ng	99
71) Phenanthrene	11.42	178	185401	9.780	ng	98
75) Fluoranthene	12.60	202	380736	19.425	ng	98
78) Pyrene	12.83	202	302767	15.643	ng	99
81) Benzo(a)anthracene	14.02	228	121965	7.781	ng	99
83) Chrysene	14.05	228	157560	9.917	ng	95
84) Bis(2-ethylhexyl)phthalate	14.02	149	26925	2.416	ng	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	74977	5.509	ng	96
88) Benzo(b)fluoranthene	15.07	252	196467m	13.240	ng	
89) Benzo(k)fluoranthene	15.09	252	53896m	4.009	ng	
90) Benzo(a)pyrene	15.43	252	106350	8.109	ng	98
92) Benzo(g,h,i)perylene	17.39	276	69105	6.726	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116518.D
Acq On : 24 Aug 2019 12:46
Operator : HP/JU
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Misc :
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Manual Integrations APPROVED
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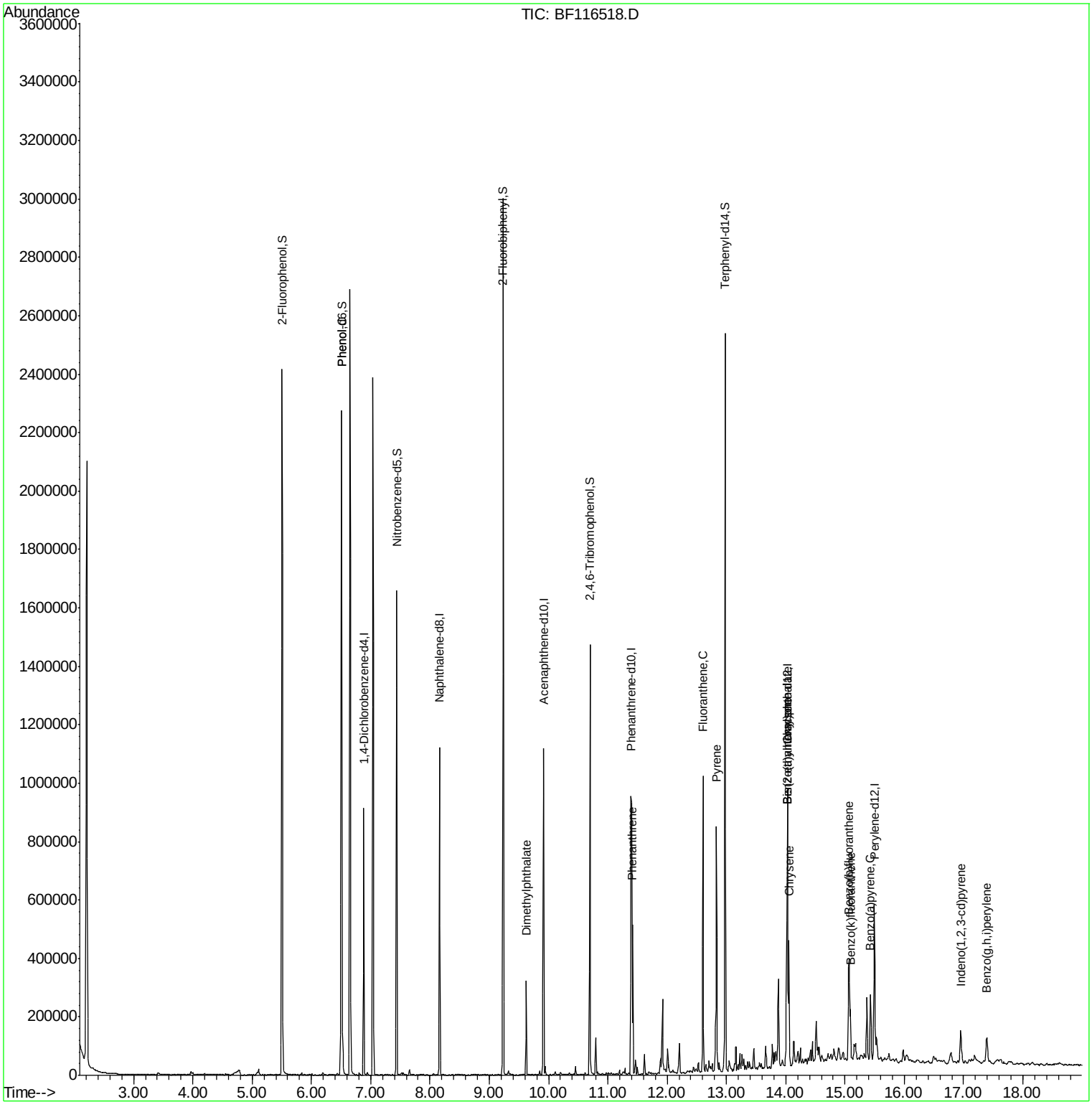
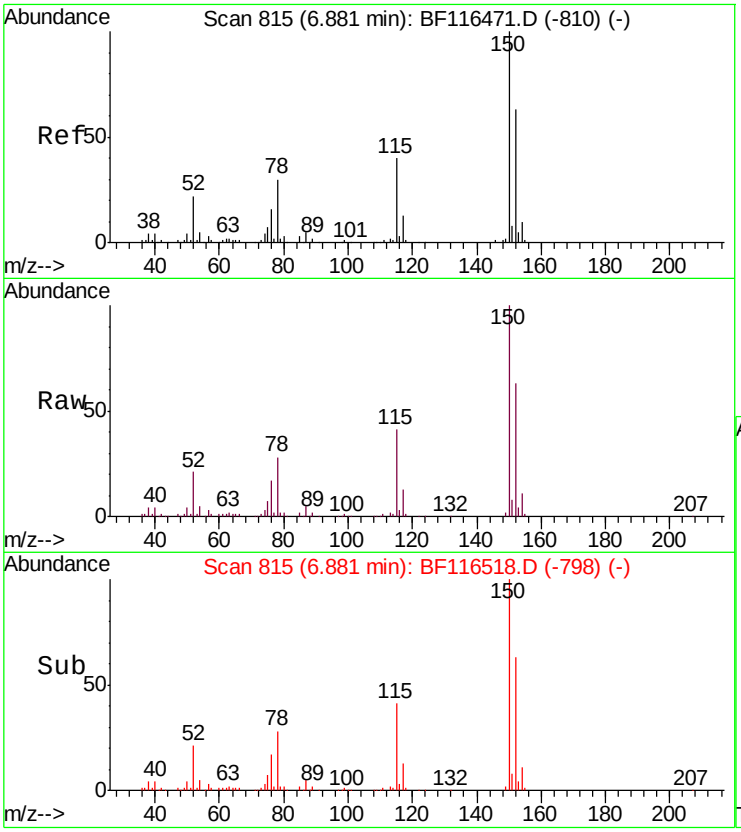
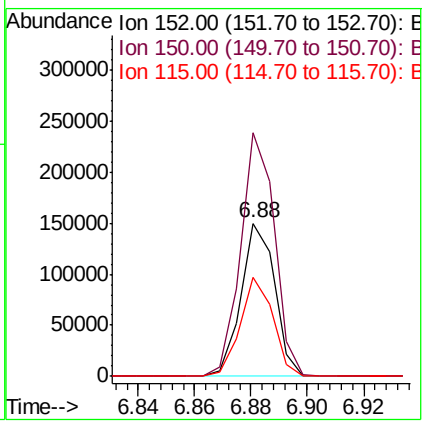




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:152 Resp: 123676

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.7	190.1
115	64.7	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

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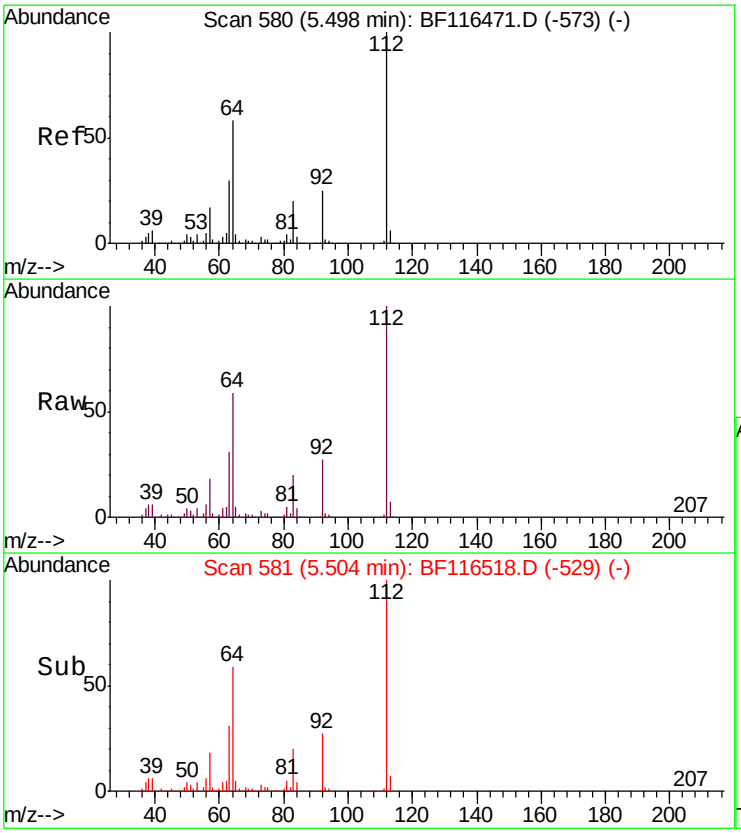
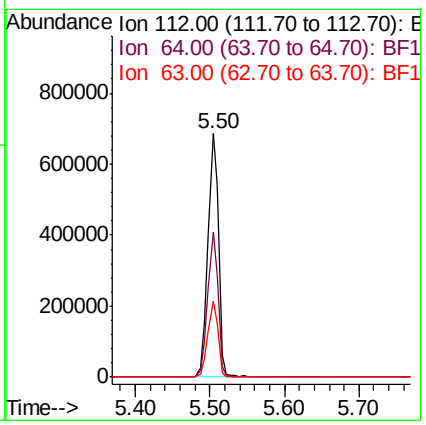
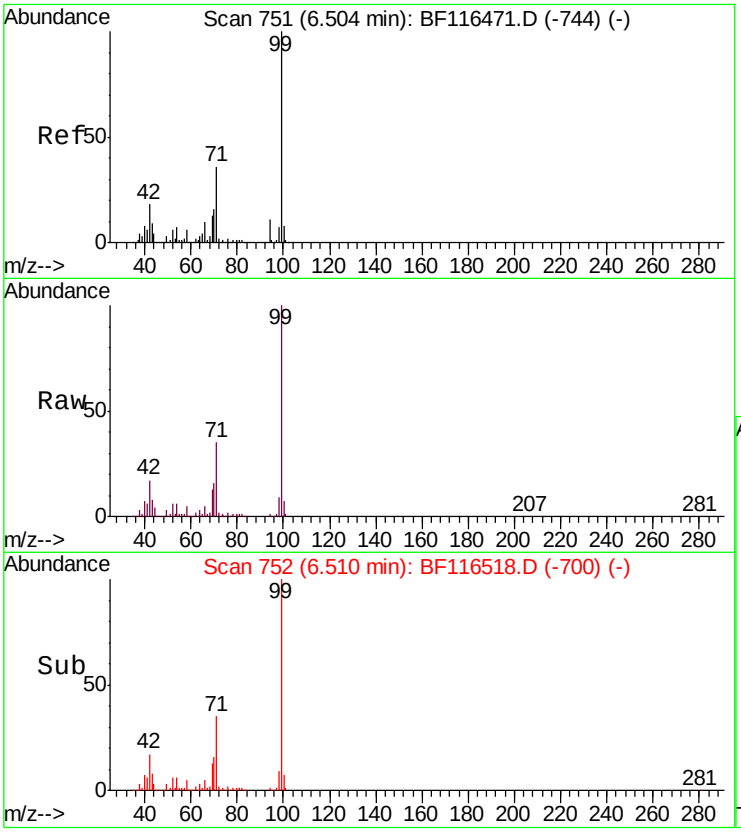


#5
2-Fluorophenol
Concen: 80.025 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:112 Resp: 677360

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.3	69.5
63	31.4	24.2	36.4

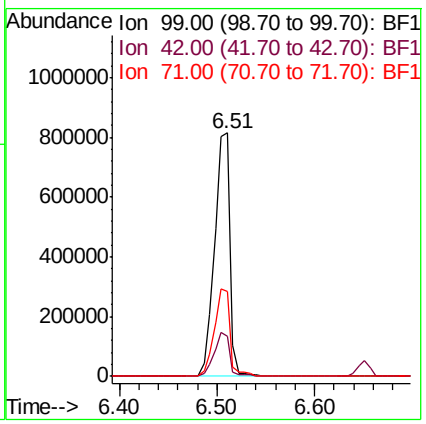




#7
Phenol-d6
Concen: 85.331 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion: 99 Resp: 885605

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.6	21.8
71	34.7	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

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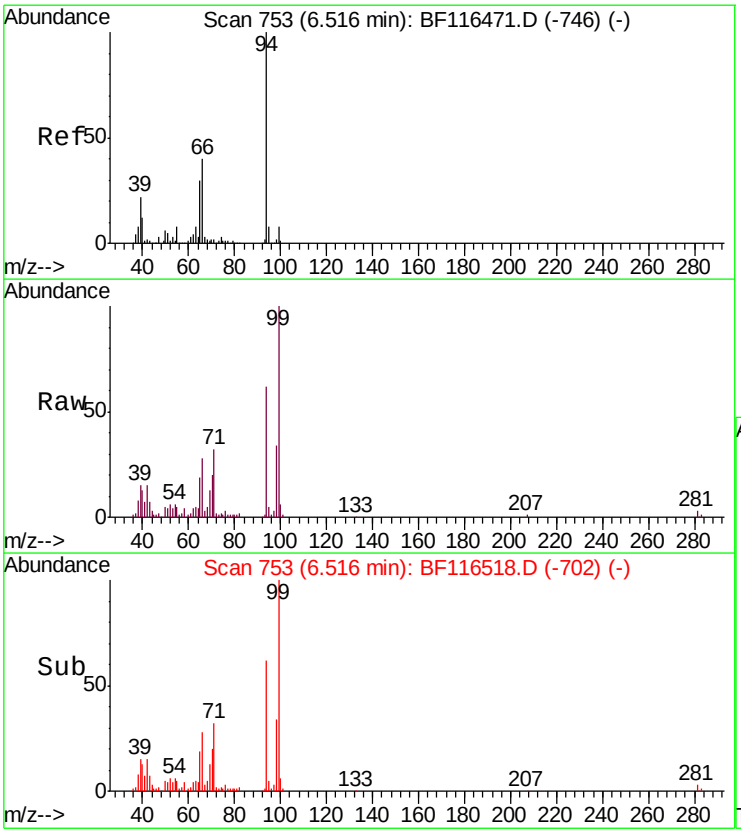
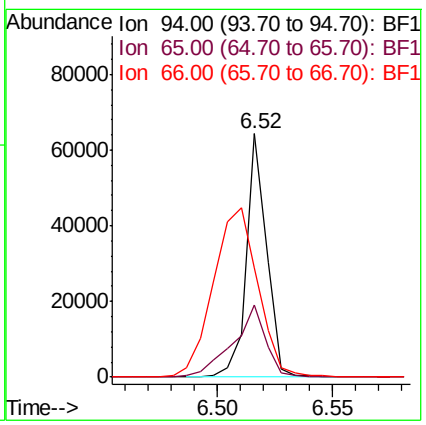
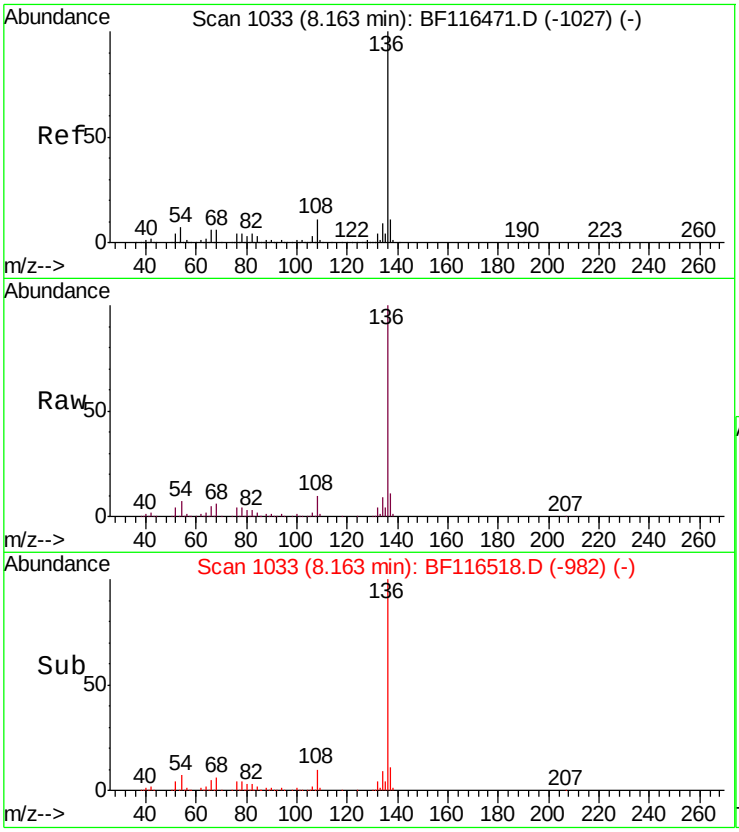


#10
Phenol
Concen: 3.496 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion: 94 Resp: 39398

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.0	50.0
66	44.9	19.8	59.8

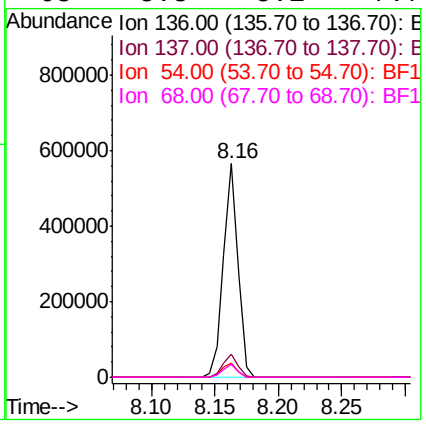




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:136 Resp: 453615

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.8	5.8	8.6
68	5.8	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Manual Integrations APPROVED
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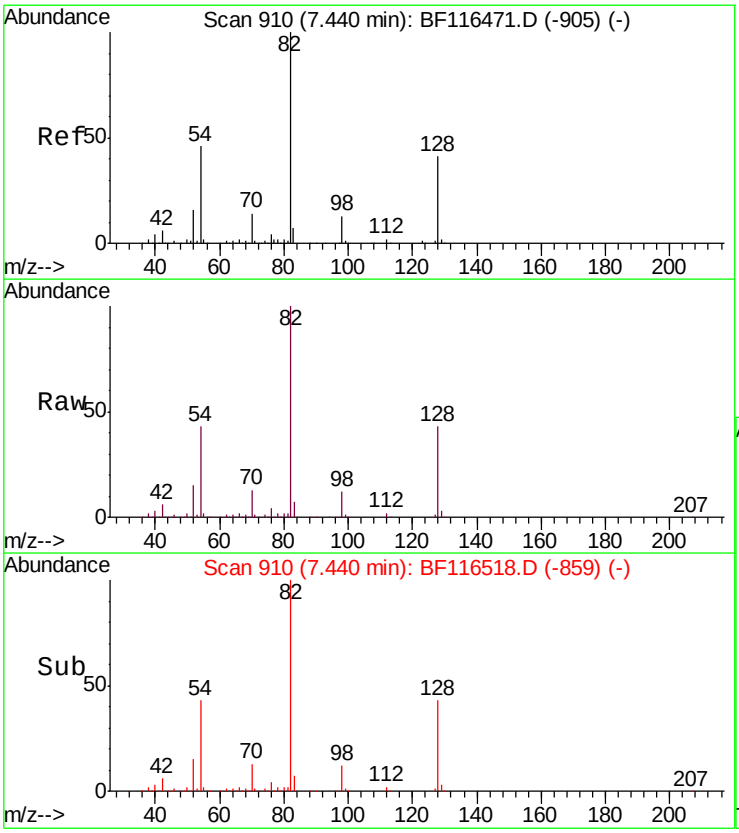
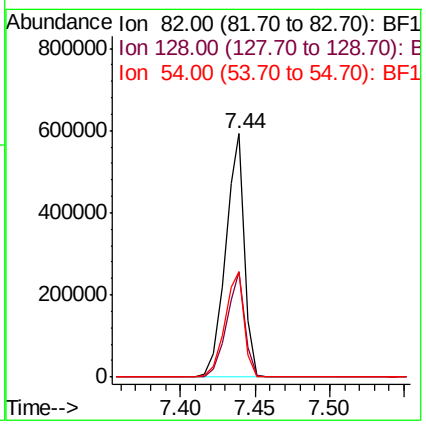
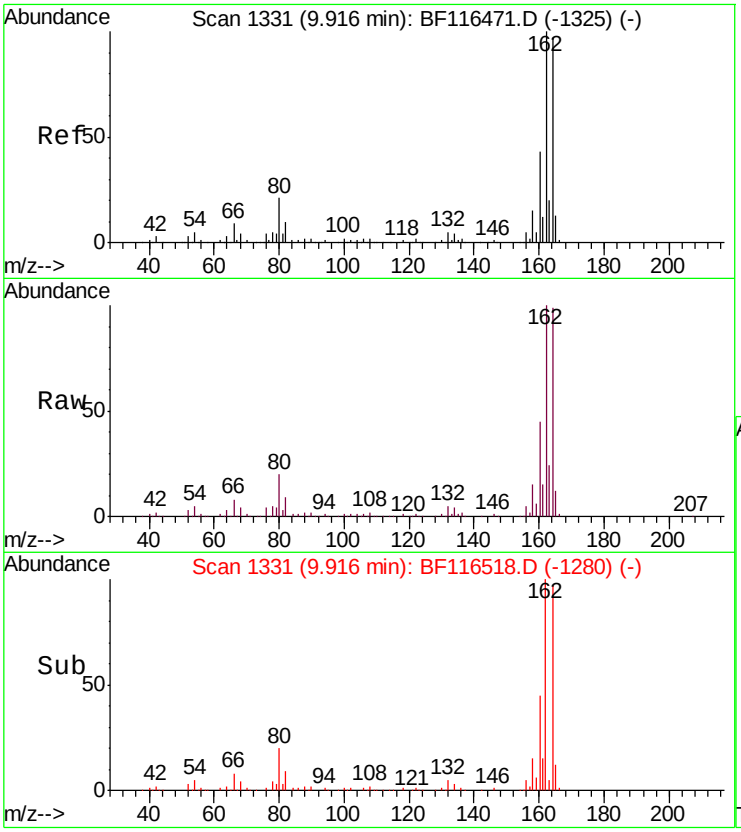


#23
Nitrobenzene-d5
Concen: 63.438 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion: 82 Resp: 525983

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.2	48.4
54	43.4	36.5	54.7

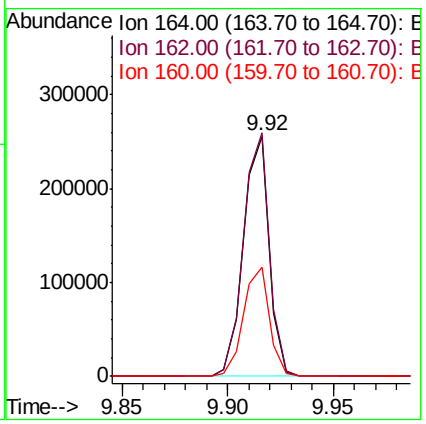




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:164 Resp: 216567

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.7	35.8	53.8



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

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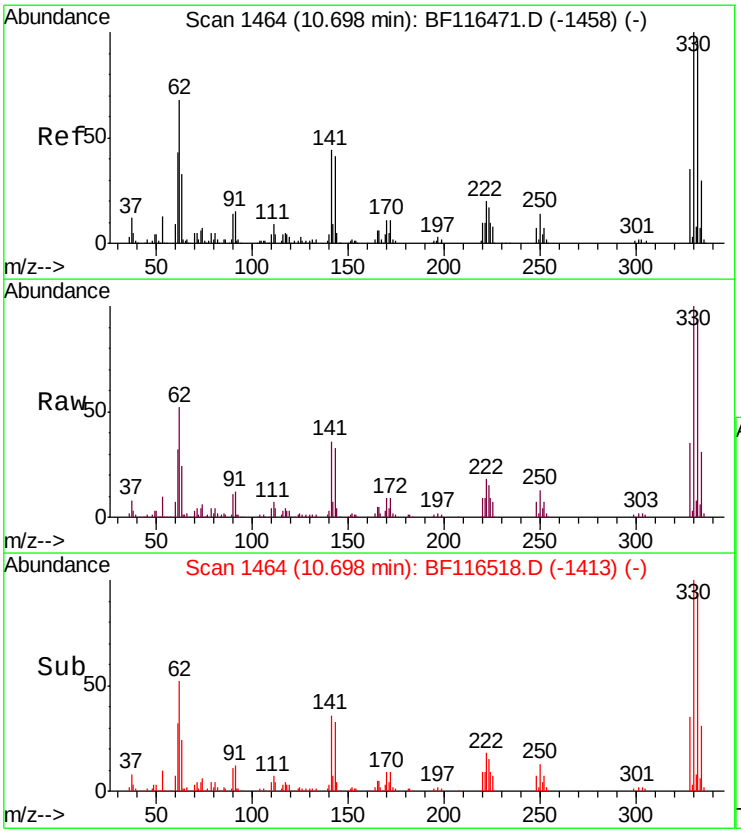
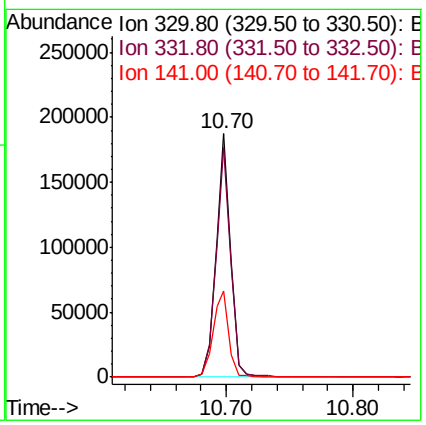
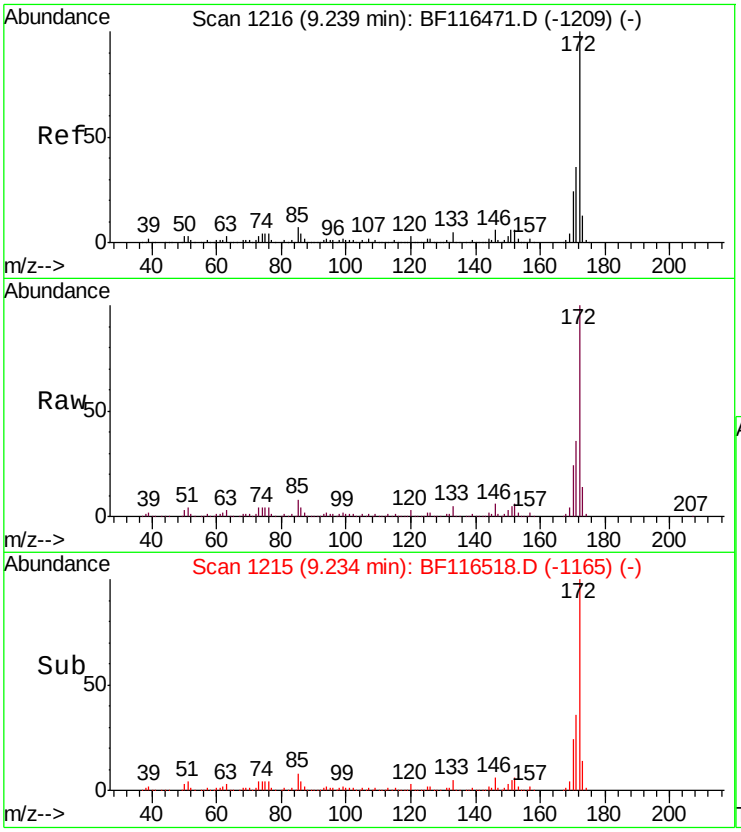


#42
2,4,6-Tribromophenol
Concen: 80.653 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:330 Resp: 149983

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	38.1	33.3	49.9

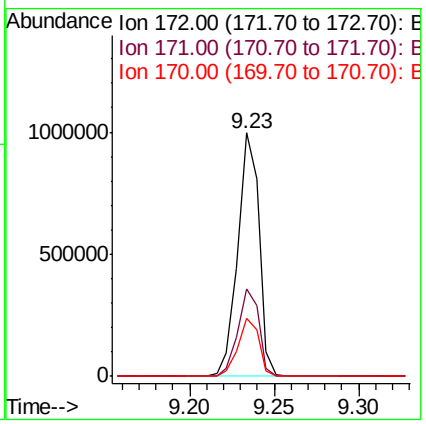




#45
2-Fluorobiphenyl
Concen: 64.597 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:172 Resp: 868697

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.7	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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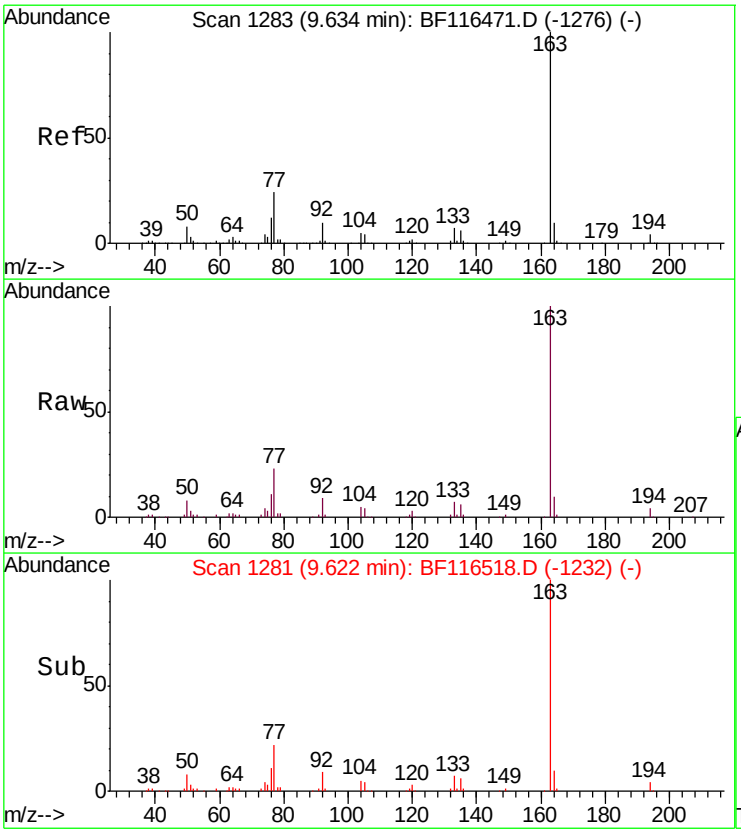
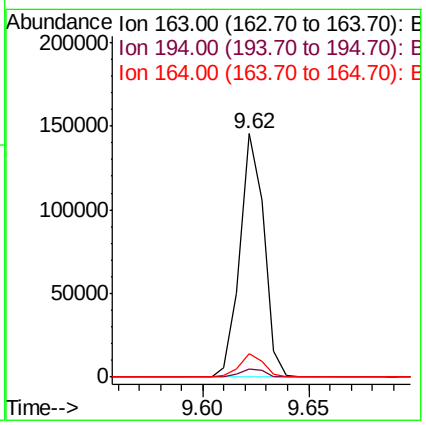
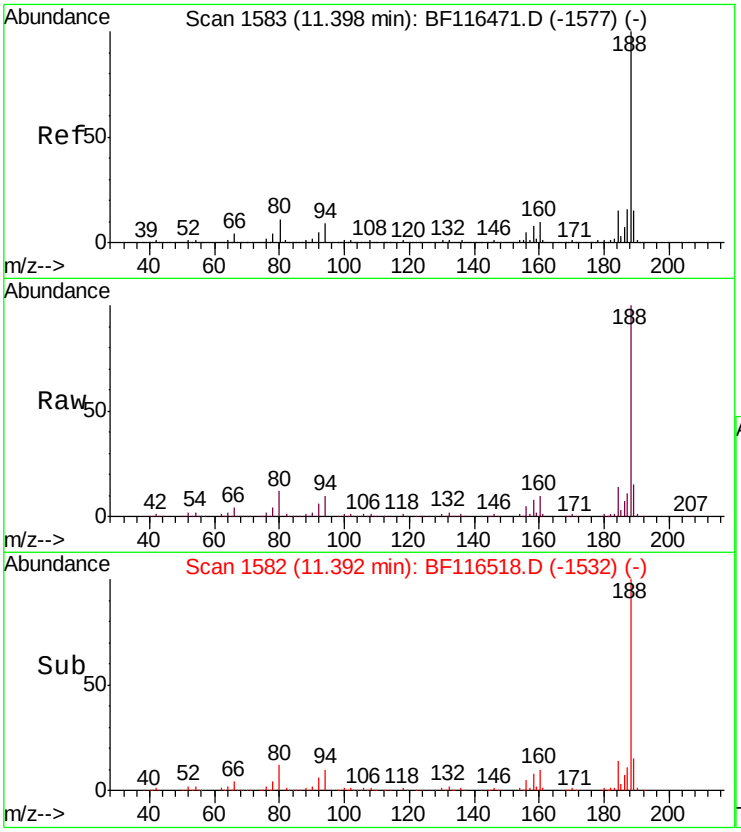


#50
Dimethylphthalate
Concen: 7.595 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:163 Resp: 114753

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.7	8.2	12.2

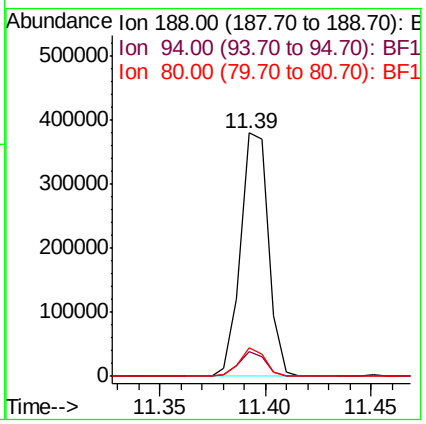




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:188 Resp: 348005

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.4	11.2
80	11.9	8.6	12.8



Instrument :
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ClientSampleId :
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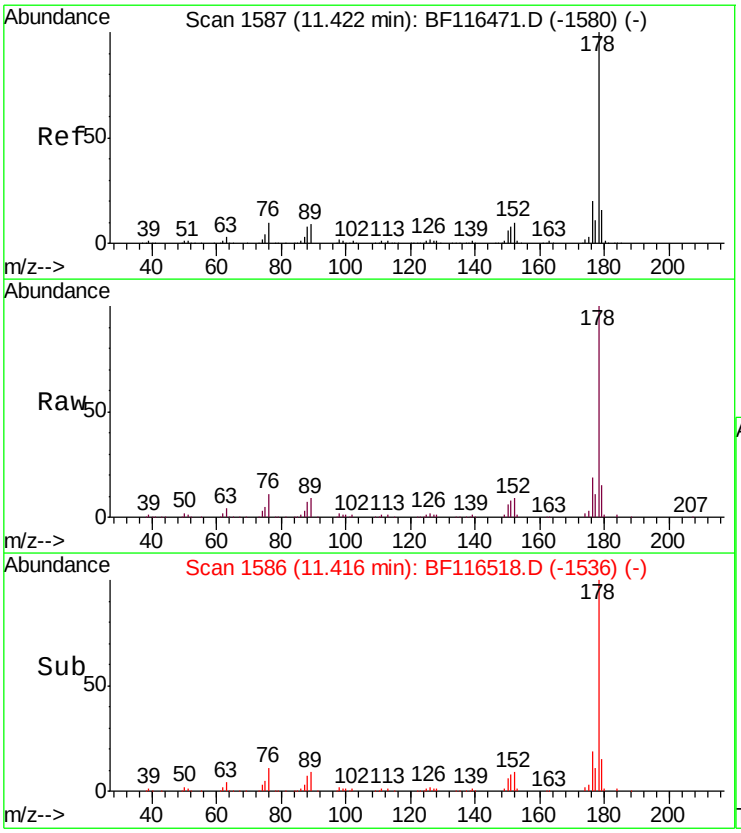
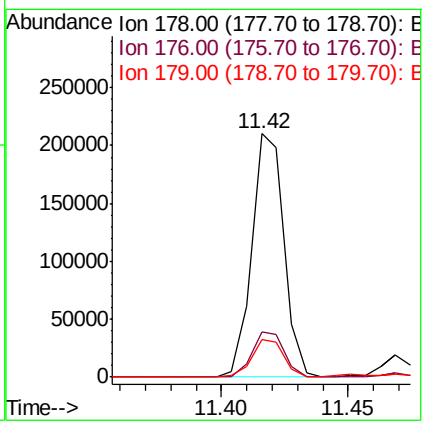
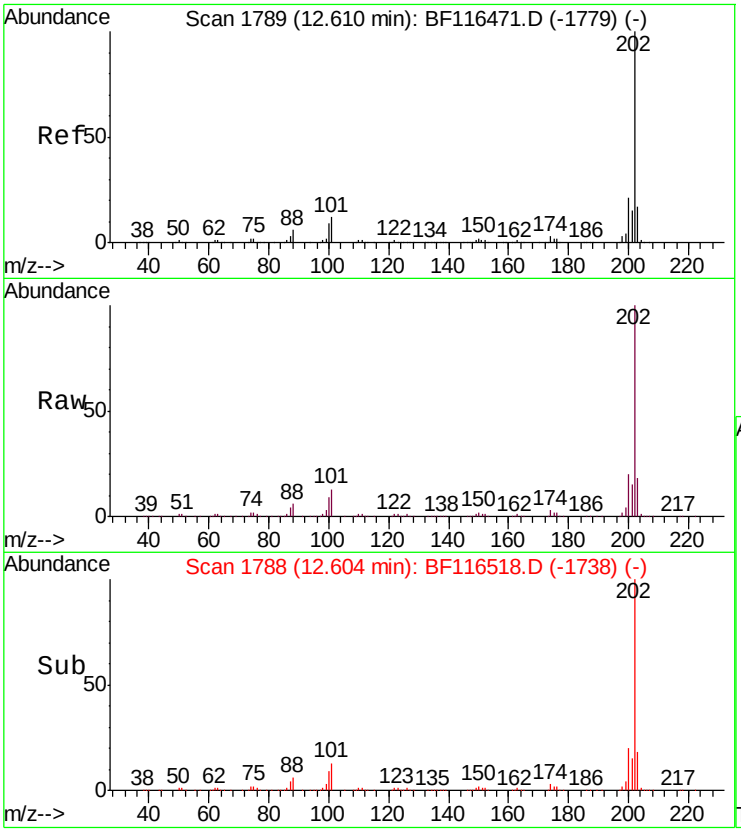


#71
Phenanthrene
Concen: 9.780 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:178 Resp: 185401

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.2	12.8	19.2

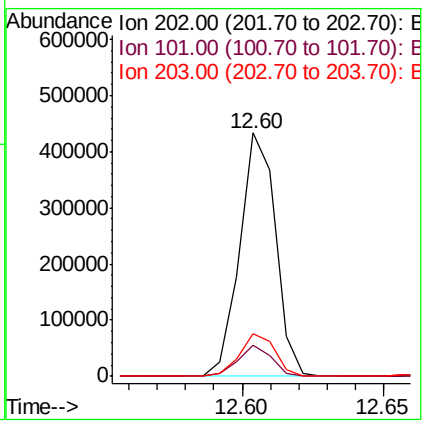




#75
Fluoranthene
Concen: 19.425 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:202 Resp: 380736

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
203	17.8	0.0	37.5



Instrument :
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SB-09-COMP

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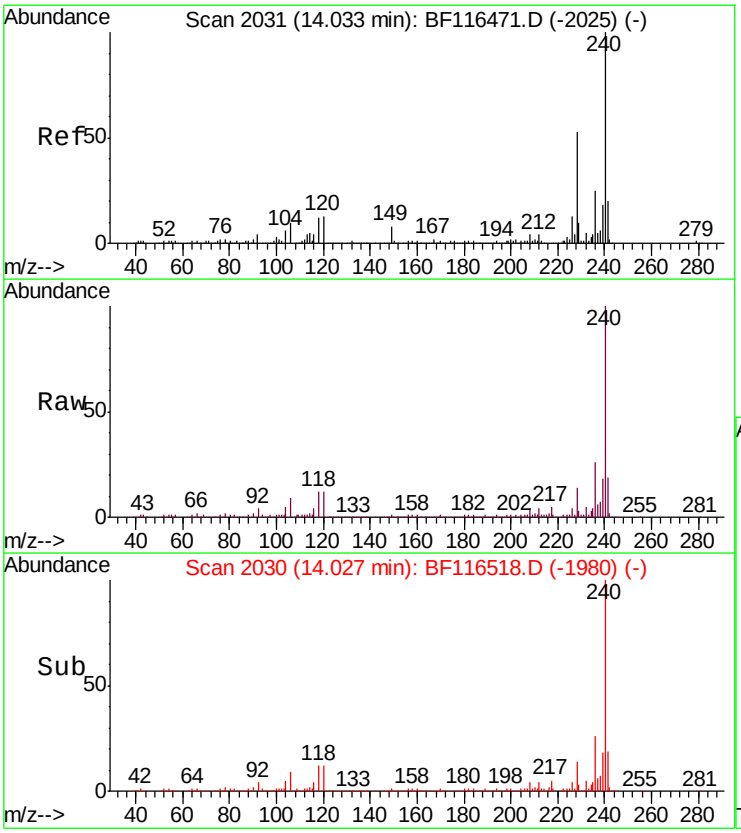
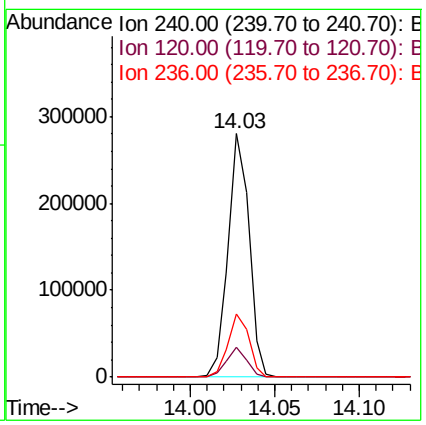
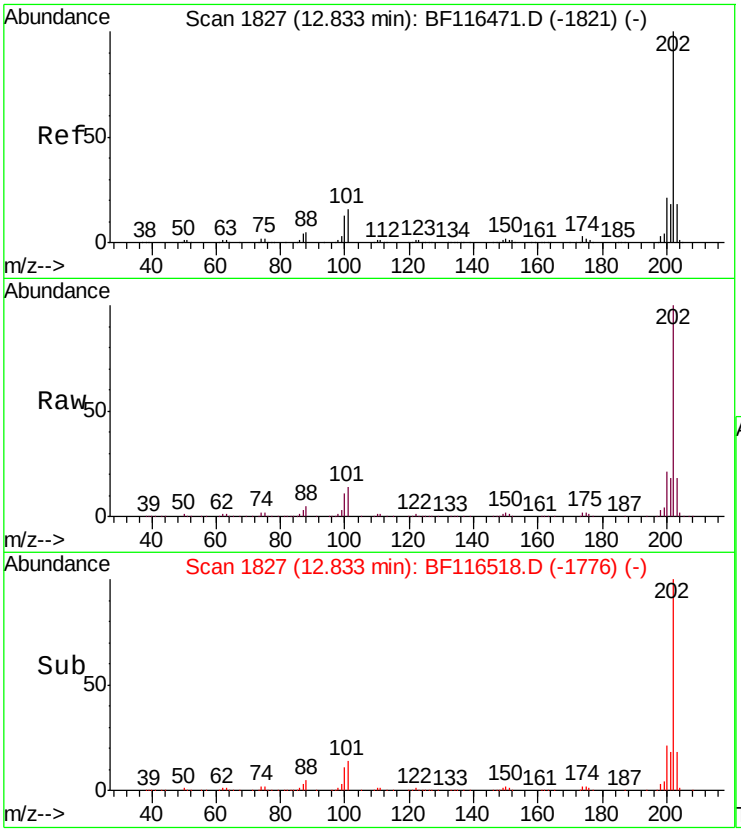


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:240 Resp: 242027

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.5	15.7
236	25.8	20.2	30.2

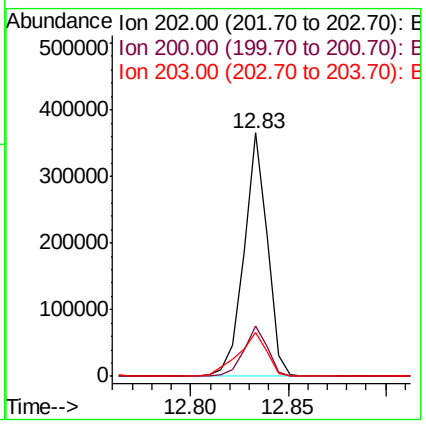




#78
Pyrene
Concen: 15.643 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:202 Resp: 302767

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.3	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Manual Integrations APPROVED
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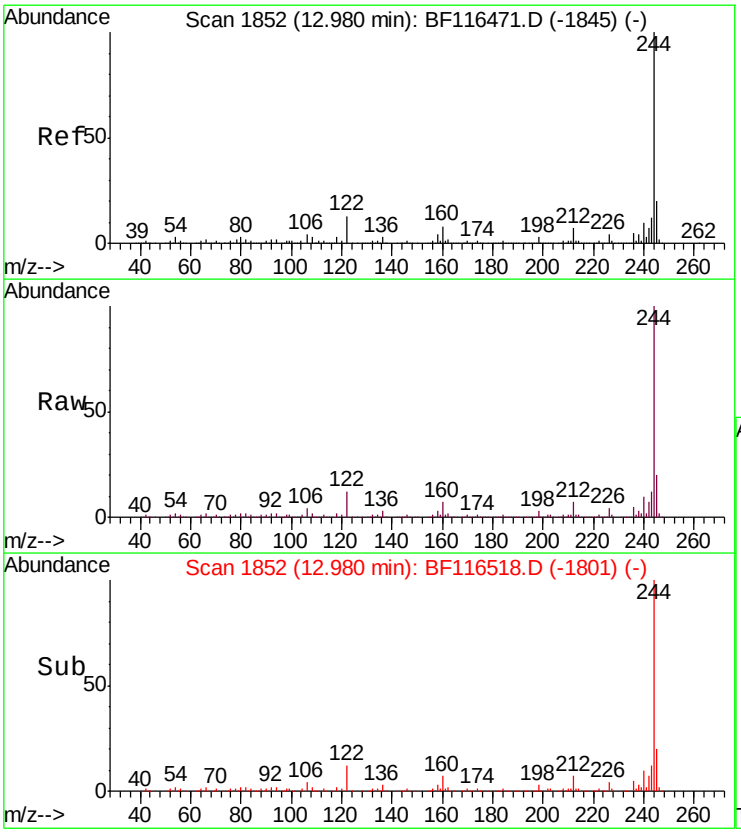
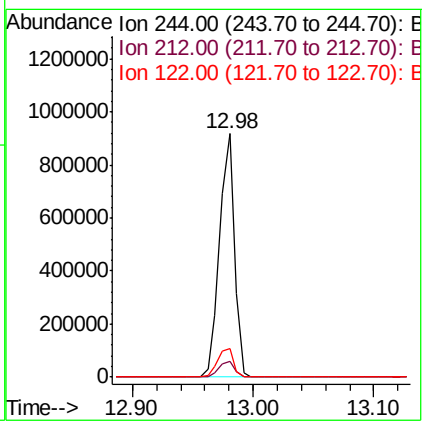
8/28/2019 8:09:03 AM

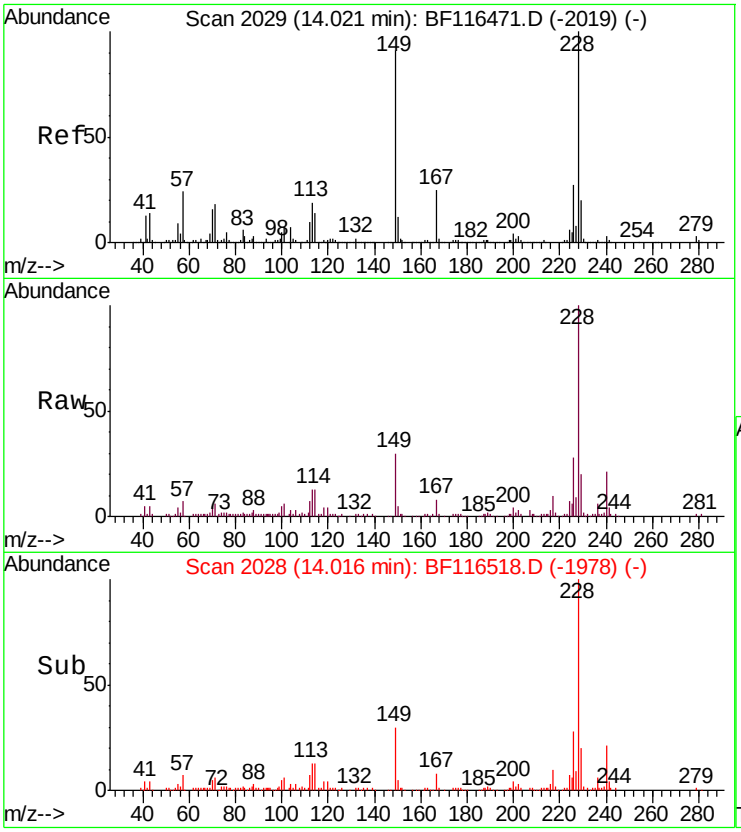


#79
Terphenyl-d14
Concen: 60.409 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:244 Resp: 782727

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.8	10.2	15.4

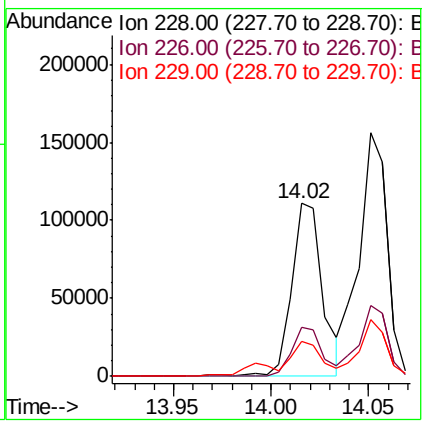




#81
Benzo(a)anthracene
Concen: 7.781 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:228 Resp: 121965

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	20.1	15.9	23.9



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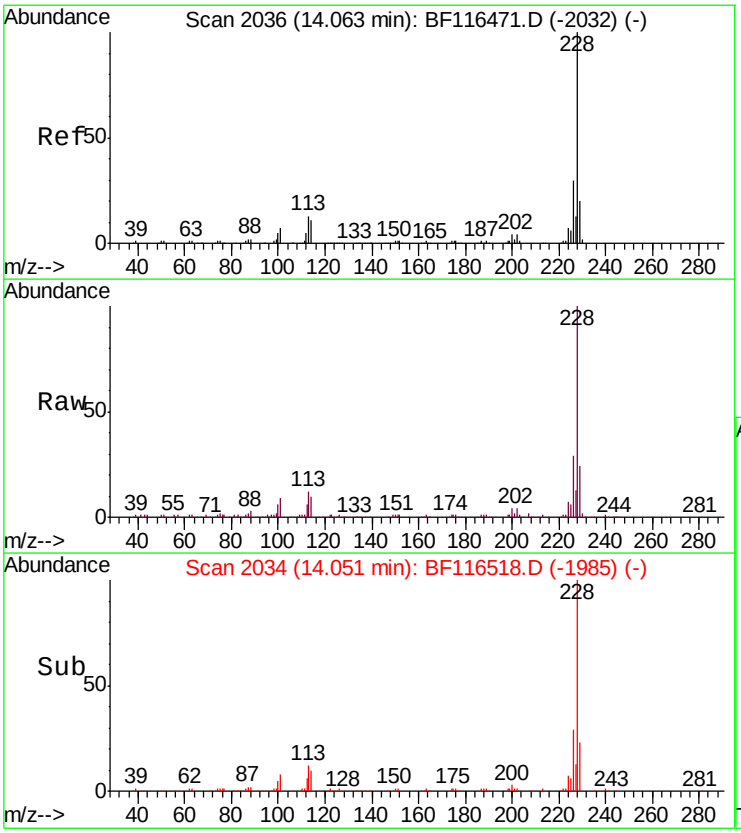
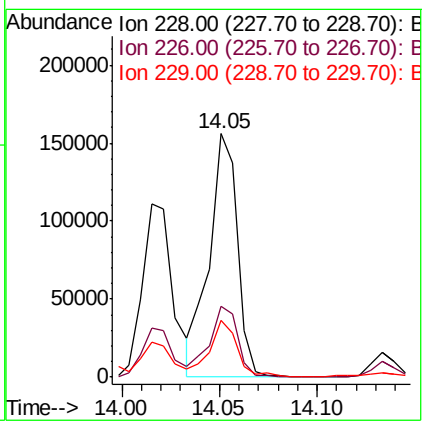
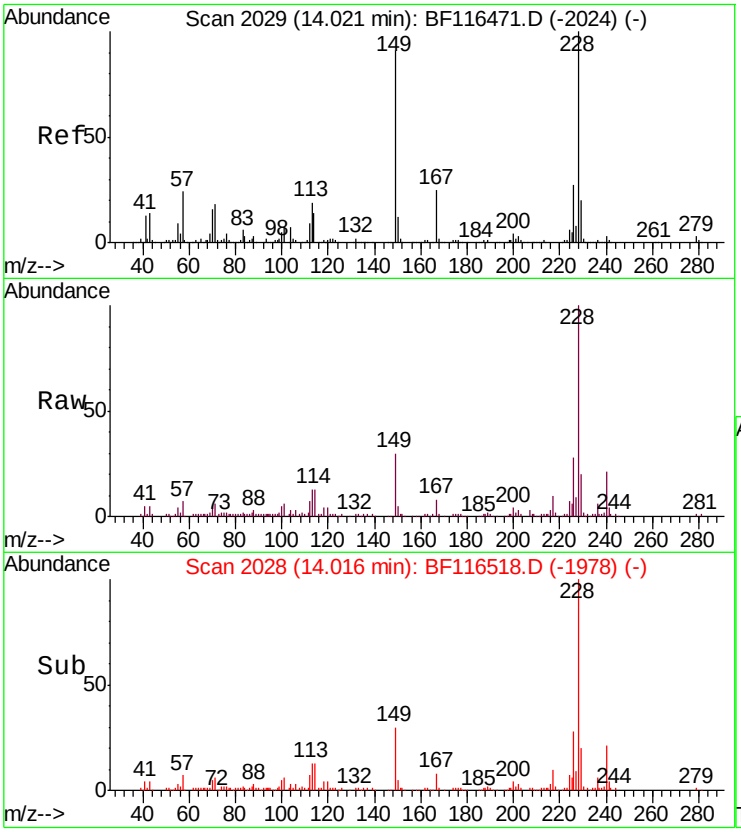


#83
Chrysene
Concen: 9.917 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:228 Resp: 157560

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	23.5	15.8	23.6

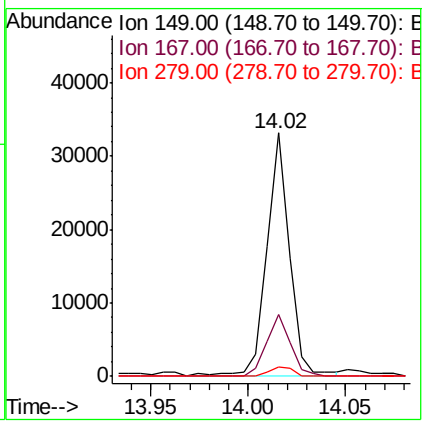




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.416 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:149 Resp: 26925

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.8	32.6
279	4.0	3.0	4.4



Instrument :
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ClientSampleId :
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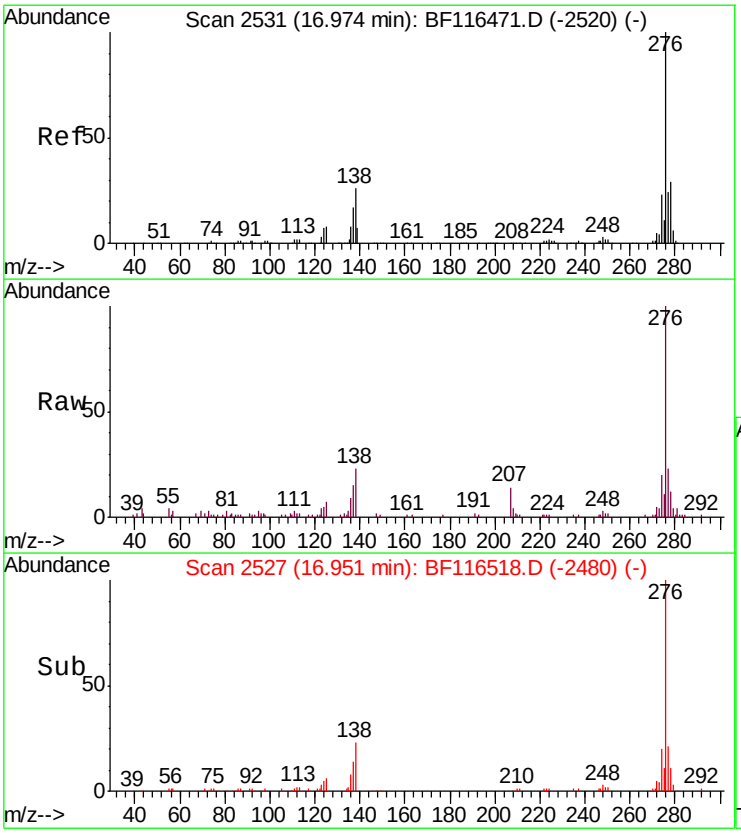
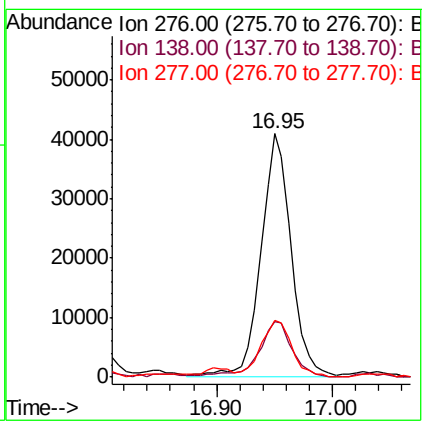
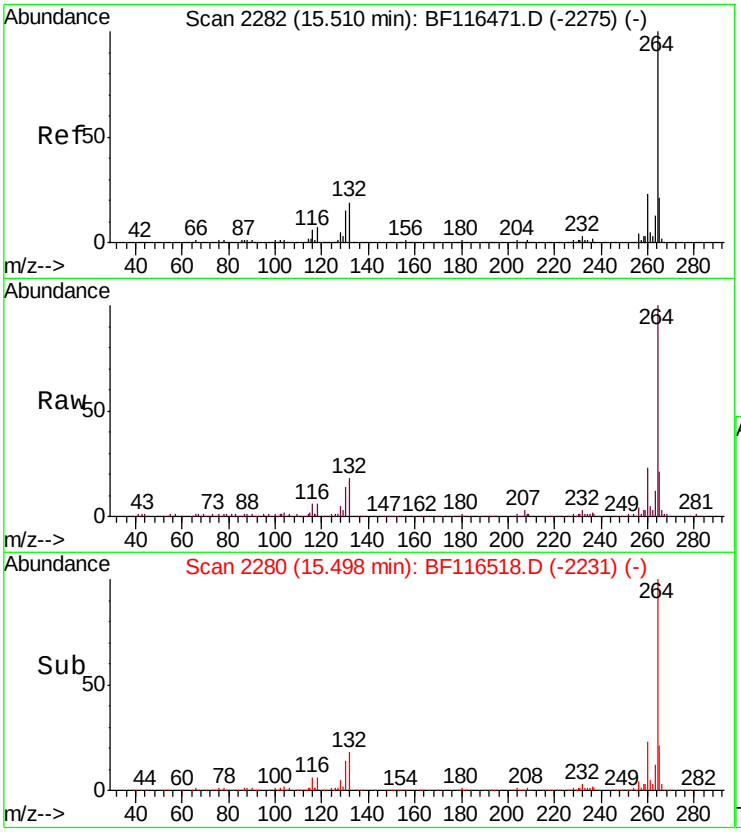


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.509 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:276 Resp: 74977

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.9	34.3
277	24.0	19.9	29.9

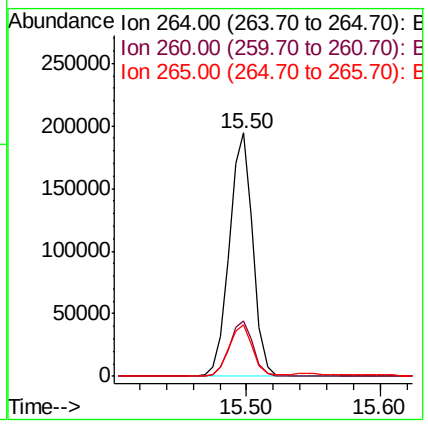




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:264 Resp: 240214

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.0	17.1	25.7



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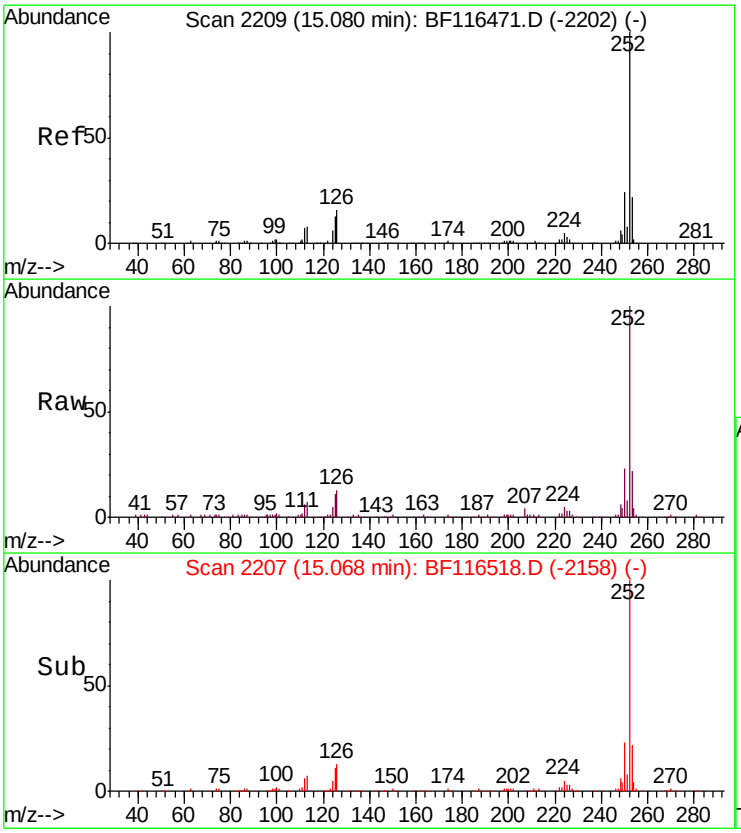
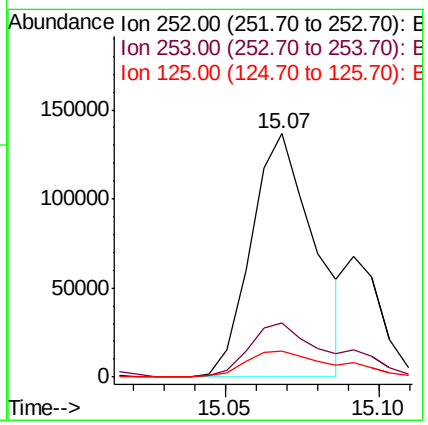
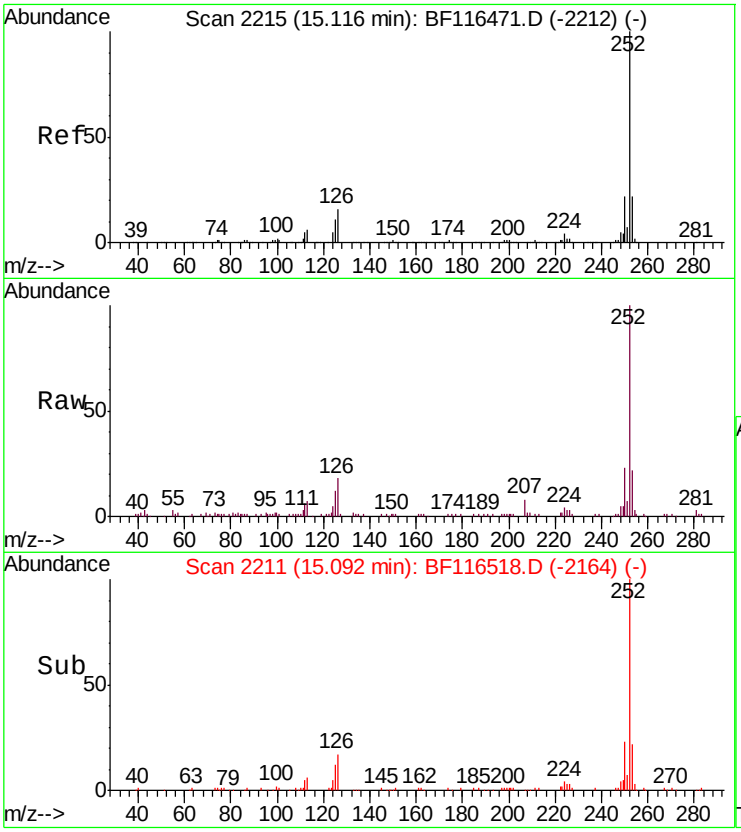


#88
Benzo(b)fluoranthene
Concen: 13.240 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:252 Resp: 196467

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.9	10.1	15.1

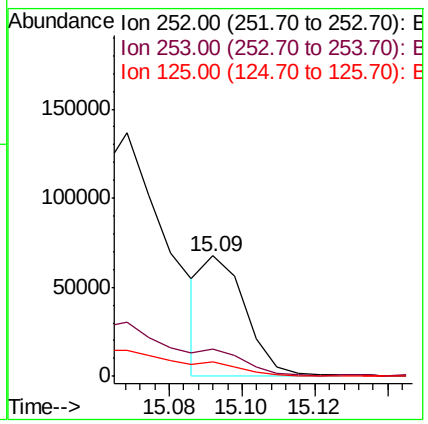




#89
Benzo(k)fluoranthene
Concen: 4.009 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:252 Resp: 53896

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.4	9.1	13.7



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ClientSampleId :
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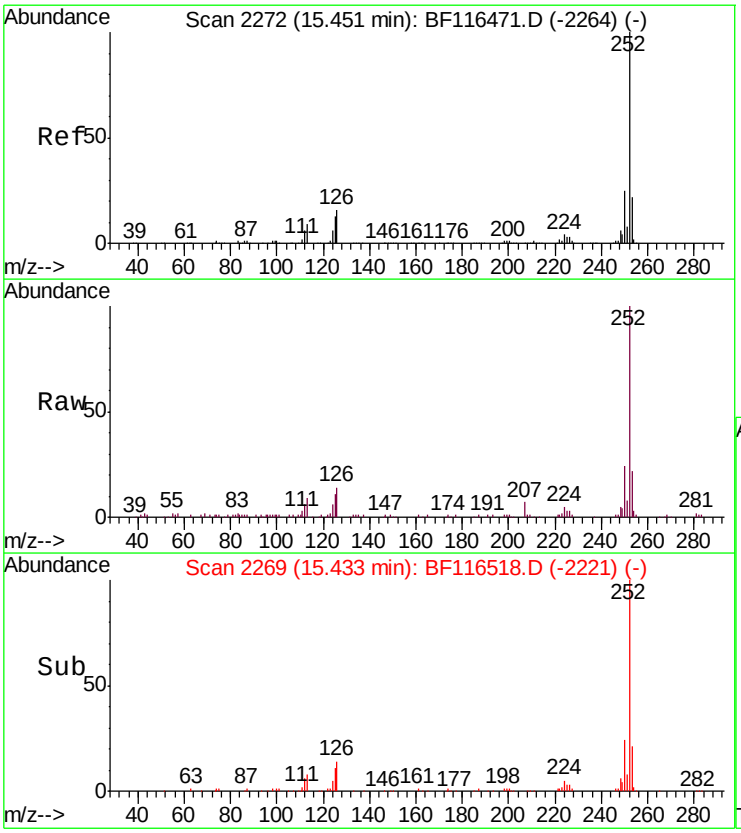
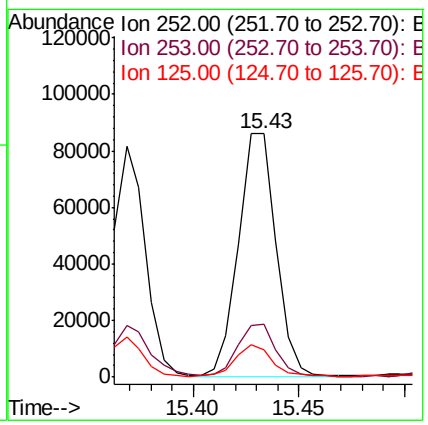
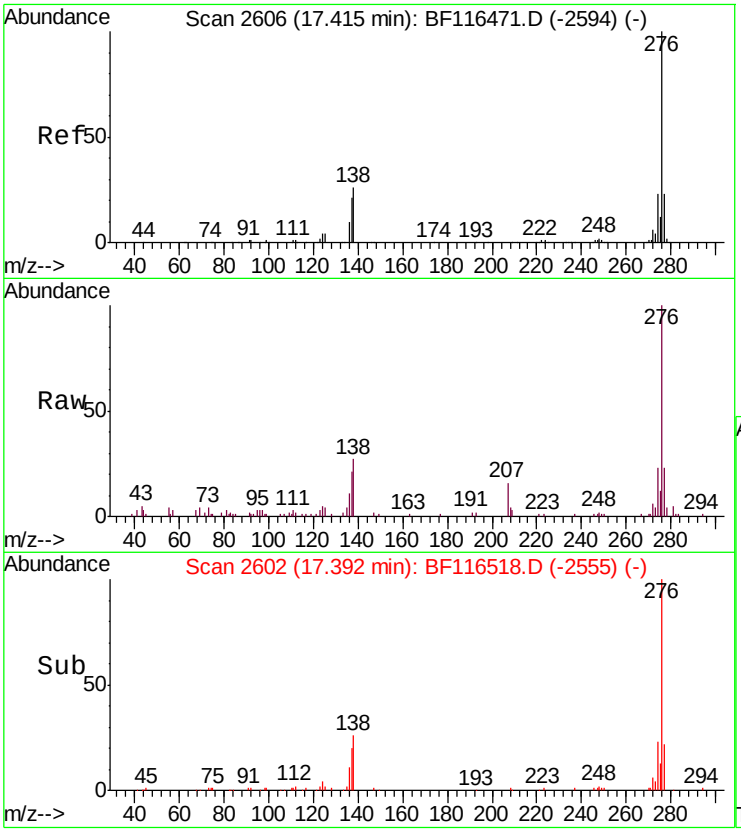


#90
Benzo(a)pyrene
Concen: 8.109 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:252 Resp: 106350

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.2	10.2	15.4

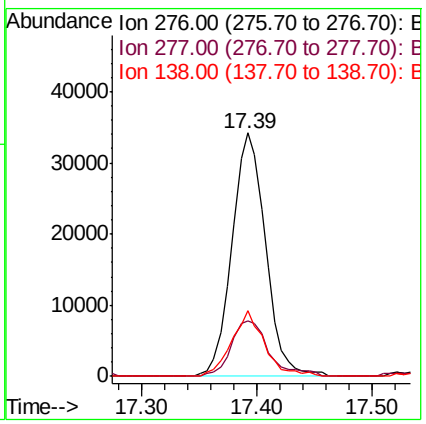




#92
Benzo(g,h,i)perylene
Concen: 6.726 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116518.D
Acq: 24 Aug 2019 12:46

Tgt Ion:276 Resp: 69105

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.7	28.1
138	27.1	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
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