Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117596.D
Acq On : 29 Oct 2019 17:38
Operator : JU
Sample : K5540-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 30 04:01:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37424	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	135160	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	55029	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	78541	20.00	ng		0.00
76) Chrysene-d12	13.89	240	67668	20.00	ng		0.00
87) Perylene-d12	15.33	264	52053	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	233537	92.84	ng		0.00
7) Phenol-d6	6.39	99	293817	86.96	ng		0.00
23) Nitrobenzene-d5	7.29	82	193086	70.53	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	38760	81.40	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	221431	56.70	ng		-0.01
79) Terphenyl-d14	12.83	244	147300	35.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.40	94	10602	3.074	ng		84
50) Dimethylphthalate	9.48	163	33658	8.580	ng	#	97
75) Fluoranthene	12.46	202	27216	5.961	ng		97
78) Pyrene	12.69	202	26969	4.640	ng		98
81) Benzo(a)anthracene	13.89	228	13414	2.939	ng		99
83) Chrysene	13.92	228	13443m	3.005	ng		
88) Benzo(b)fluoranthene	14.93	252	14296m	4.651	ng		
90) Benzo(a)pyrene	15.28	252	9381	3.357	ng	#	83
92) Benzo(g,h,i)perylene	17.19	276	4822	2.109	ng	#	82

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117596.D
Acq On : 29 Oct 2019 17:38
Operator : JU
Sample : K5540-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 30 04:01:37 2019
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BNA_F
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158-88-(0-1)

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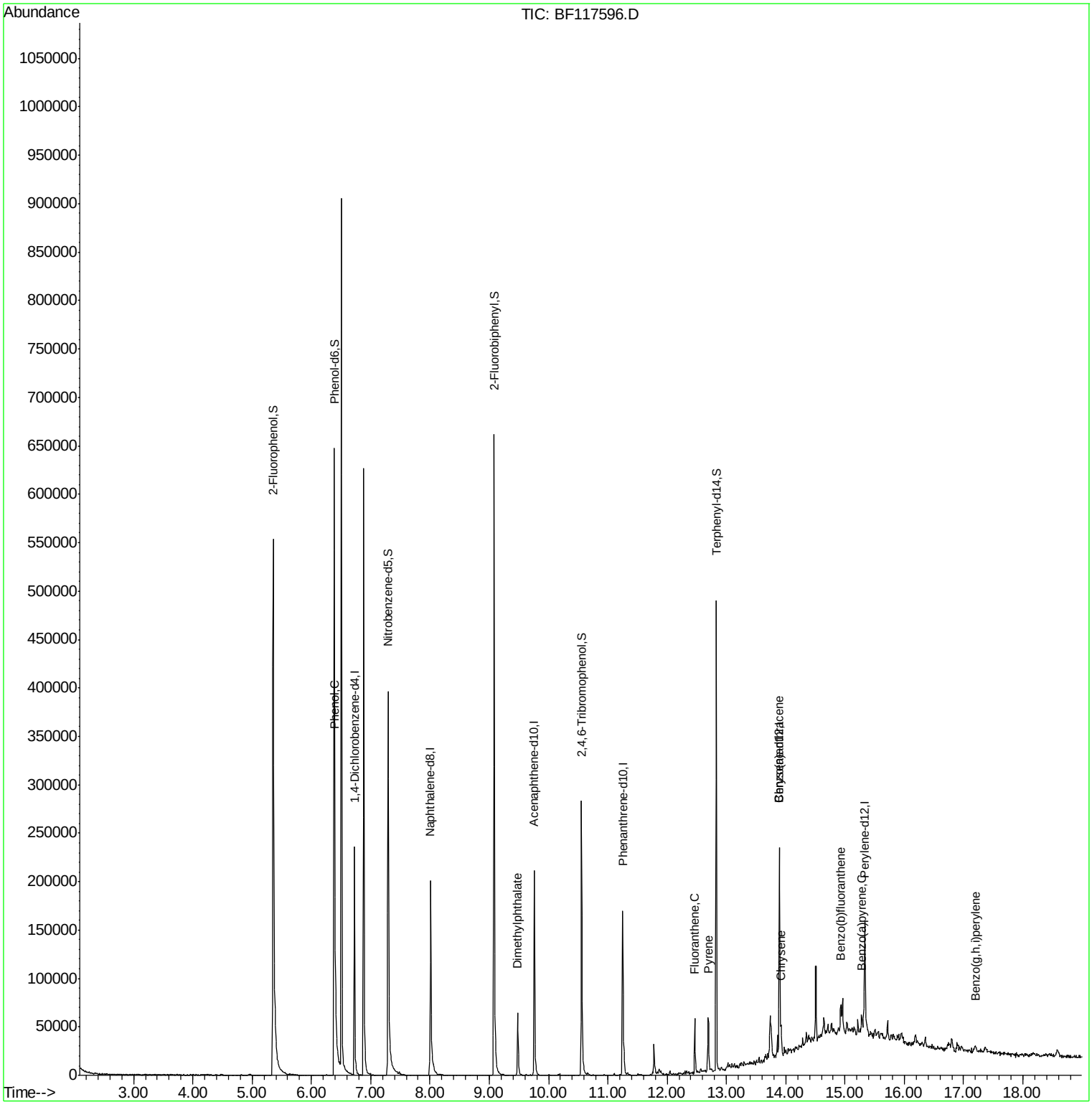
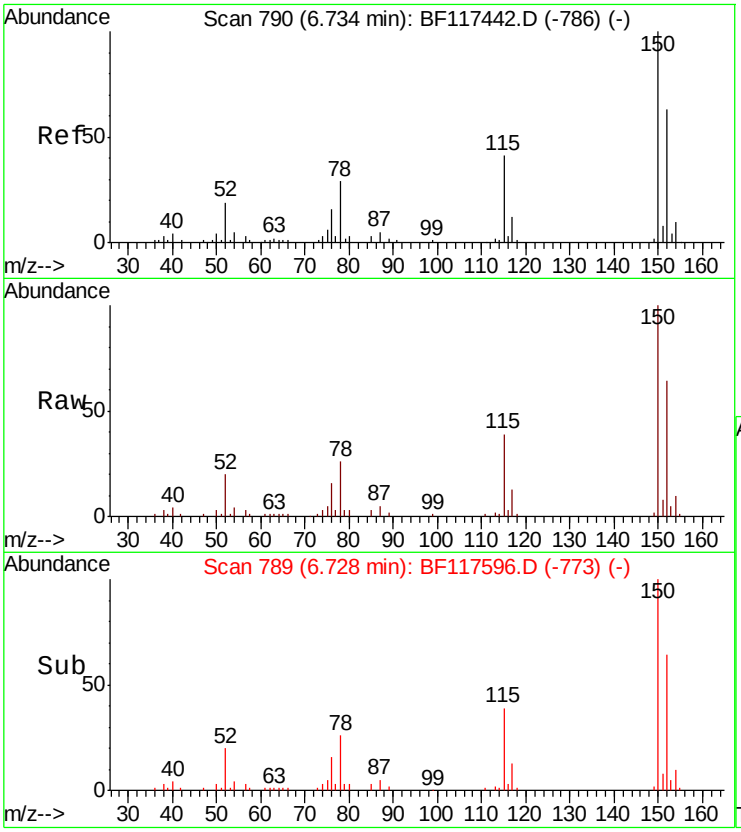
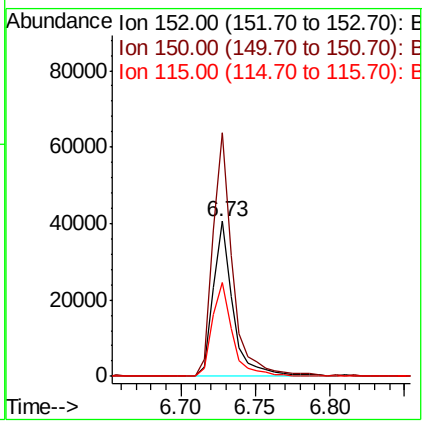




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:152 Resp: 37424

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.8	190.2
115	60.8	51.6	77.4



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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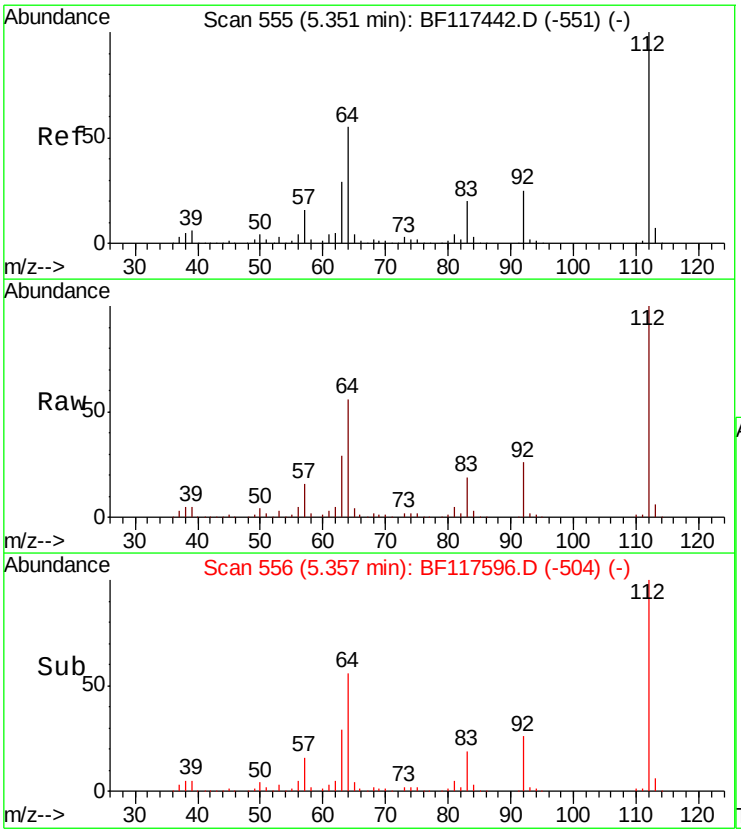
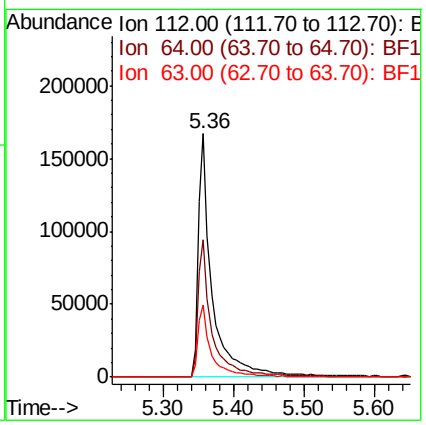
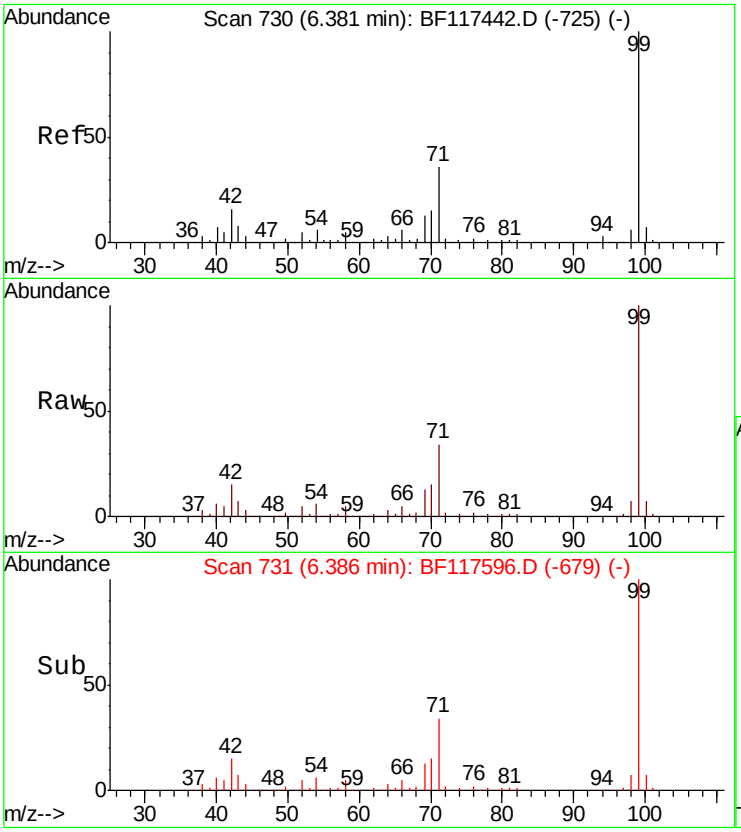


#5
2-Fluorophenol
Concen: 92.837 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:112 Resp: 233537

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.1	66.1
63	29.4	23.4	35.2

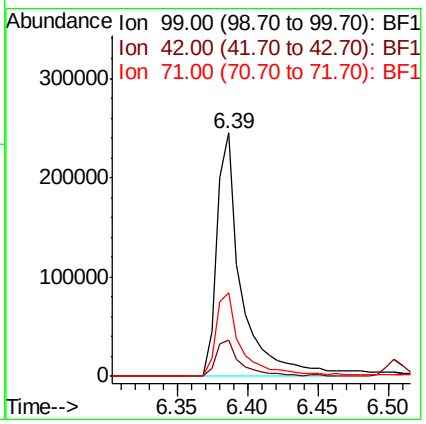




#7
Phenol-d6
Concen: 86.962 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion: 99 Resp: 293817

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	34.5	28.6	43.0



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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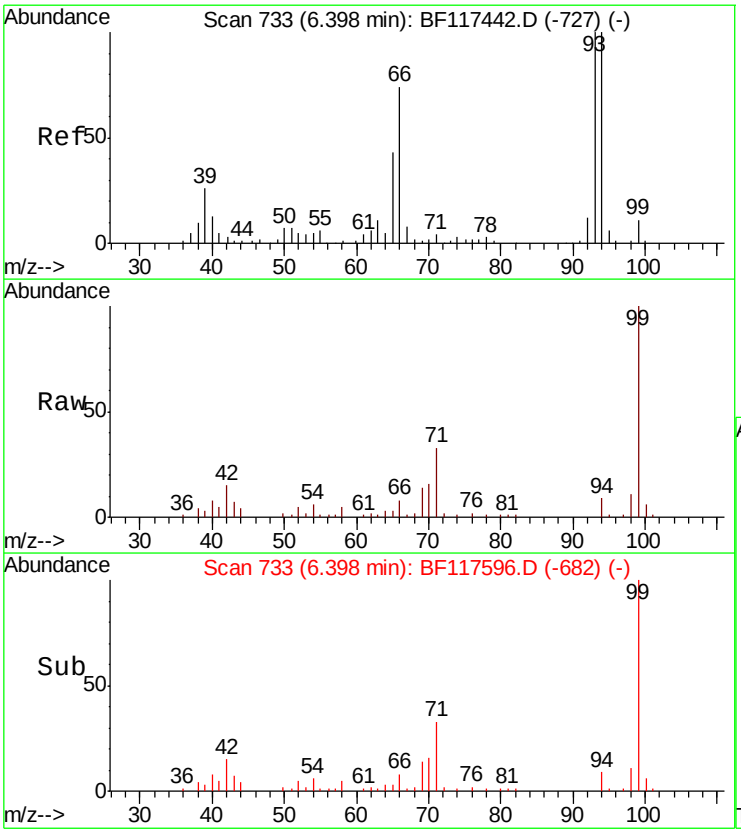
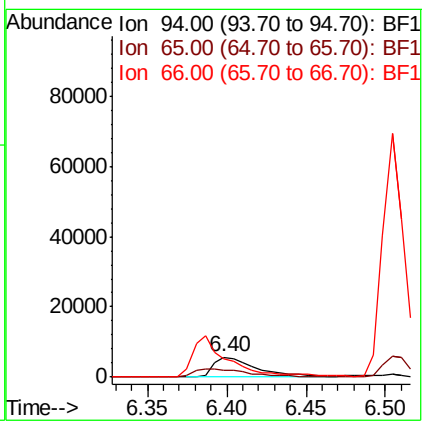
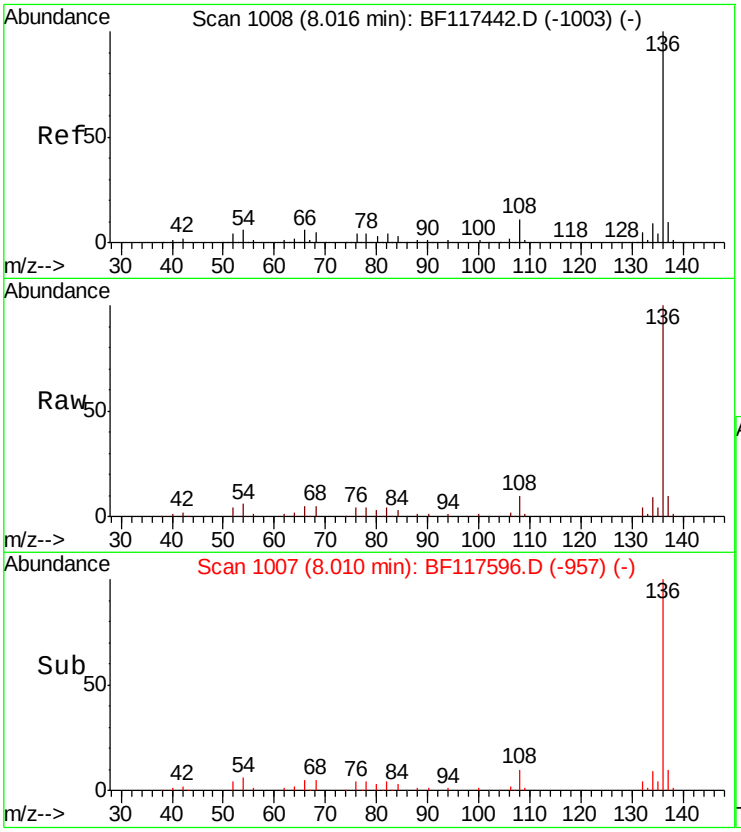


#10
Phenol
Concen: 3.074 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion: 94 Resp: 10602

Ion	Ratio	Lower	Upper
94	100		
65	35.3	23.4	63.4
66	90.1	54.7	94.7

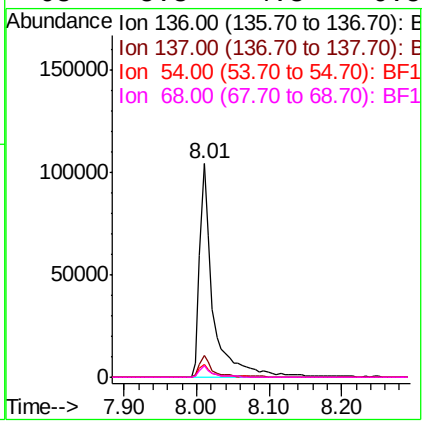




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:136 Resp: 135160

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	6.0	4.5	6.7
68	5.3	4.3	6.5



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

Manual Integrations APPROVED
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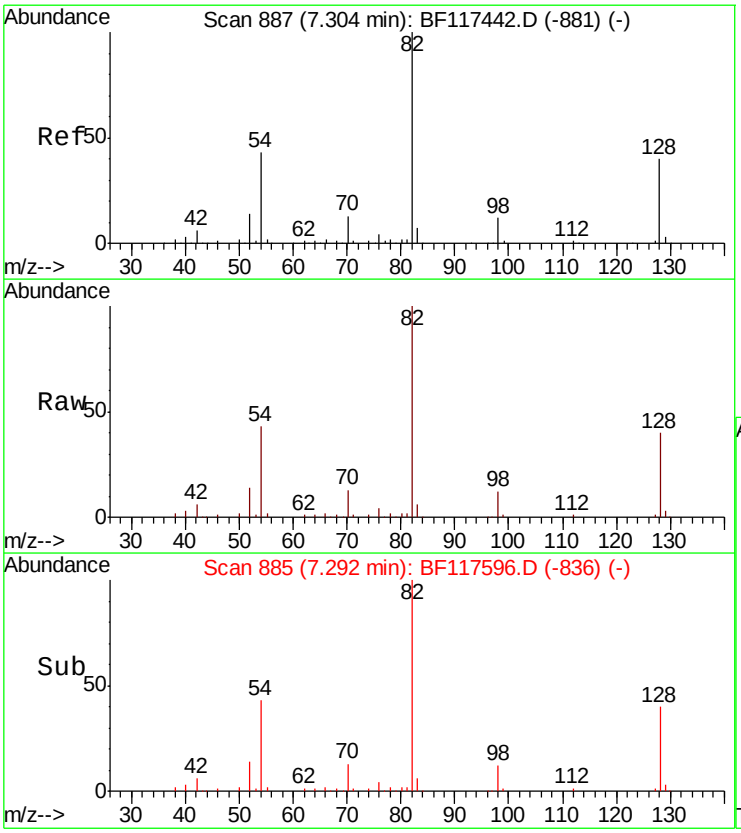
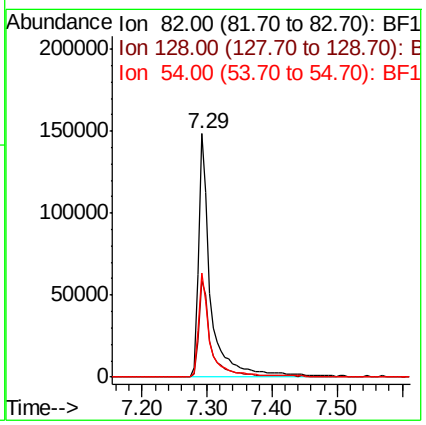
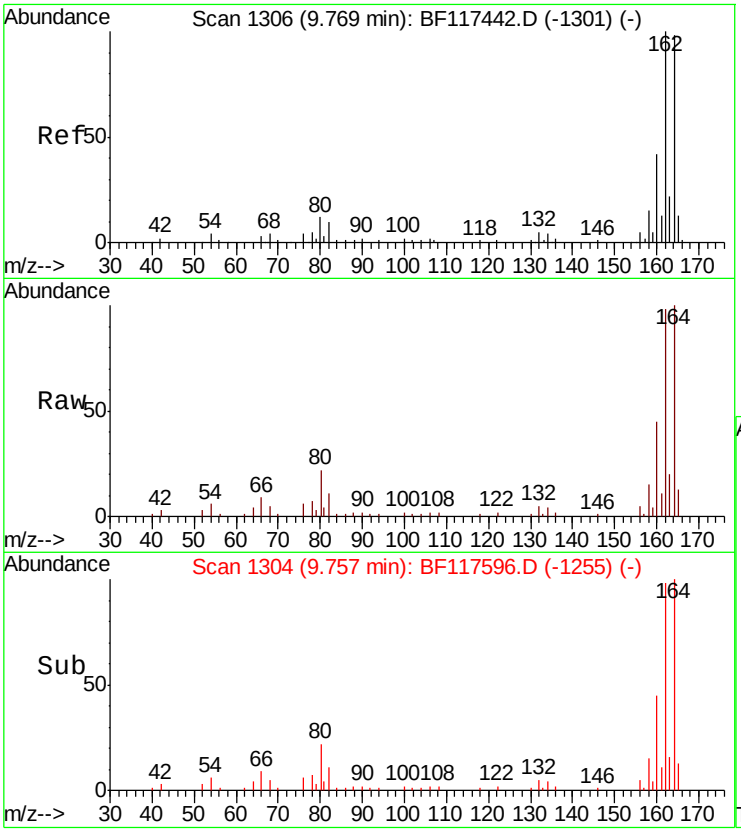


#23
Nitrobenzene-d5
Concen: 70.526 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion: 82 Resp: 193086

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.2	48.2
54	43.0	34.2	51.2

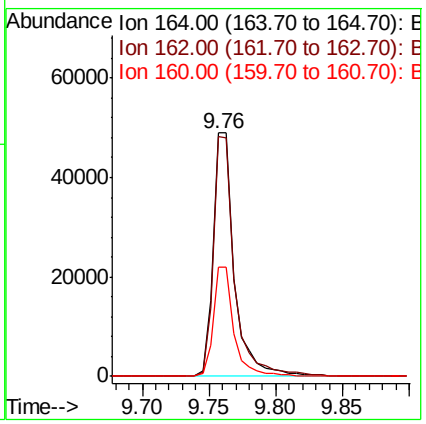




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:164 Resp: 55029

Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.8	122.6
160	44.9	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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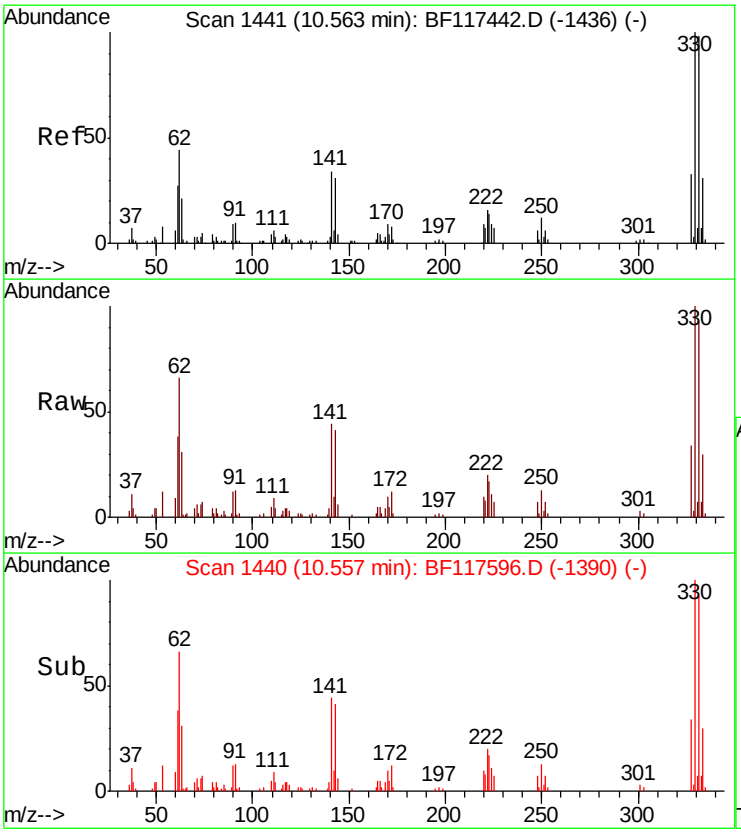
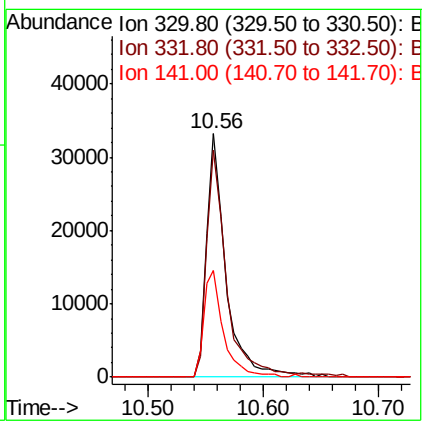
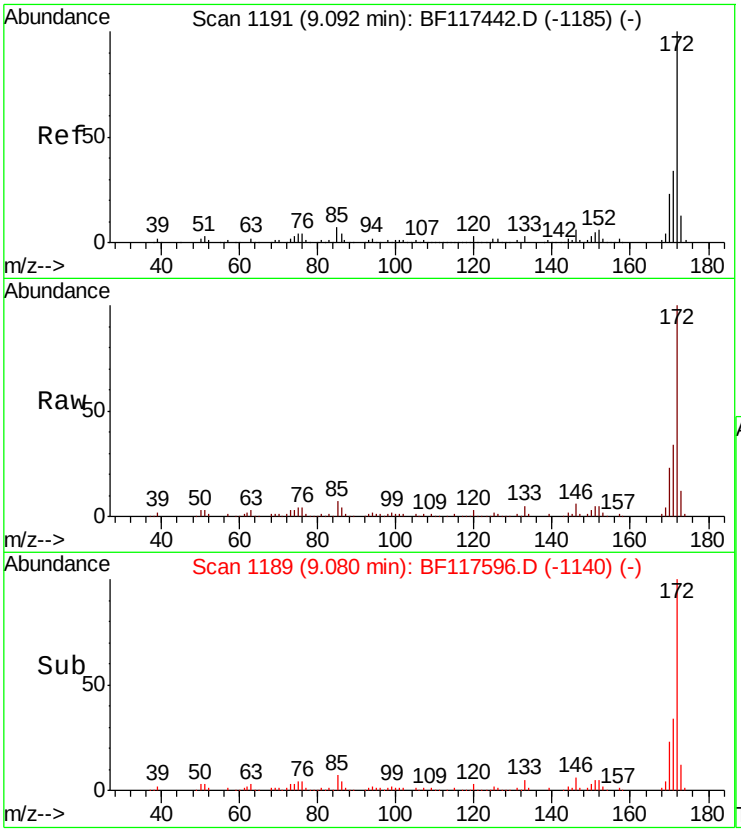


#42
2,4,6-Tribromophenol
Concen: 81.404 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:330 Resp: 38760

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.5	117.7
141	44.4	37.0	55.6

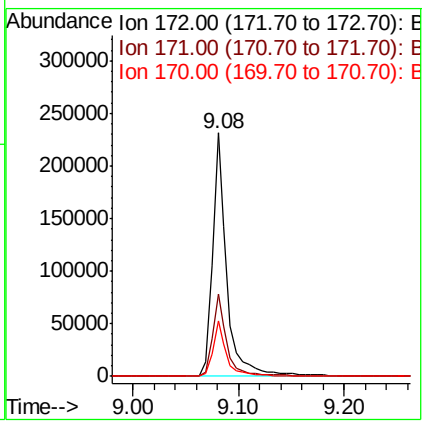




#45
2-Fluorobiphenyl
Concen: 56.696 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:172 Resp: 221431

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.9	18.6	27.8



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

Manual Integrations APPROVED
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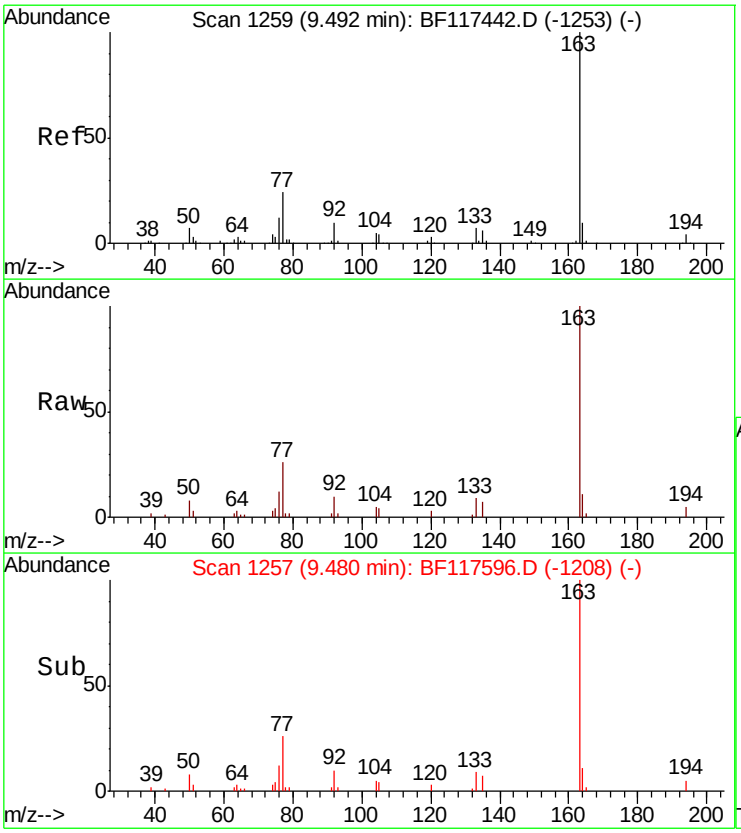
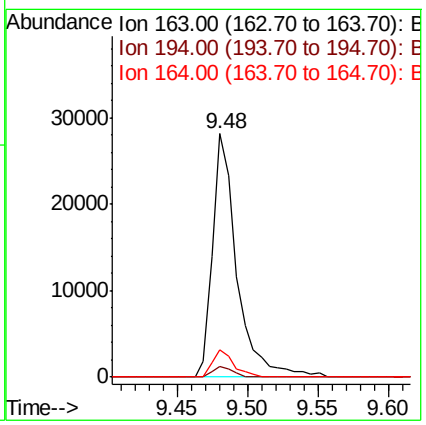
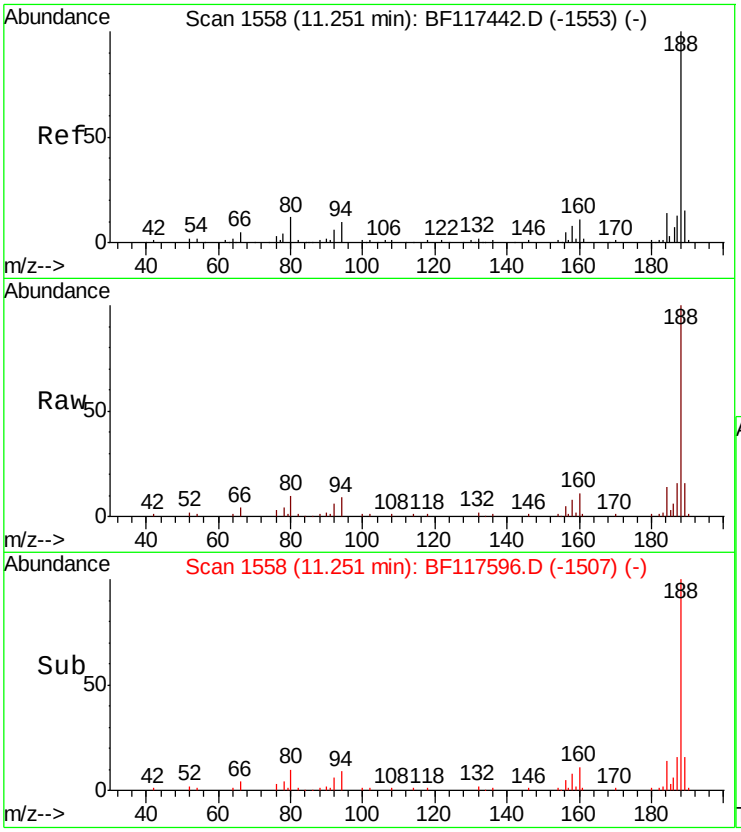


#50
Dimethylphthalate
Concen: 8.580 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:163 Resp: 33658

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.9	4.3#
164	11.2	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:188 Resp: 78541

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.2	9.5	14.3

Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

Manual Integrations APPROVED
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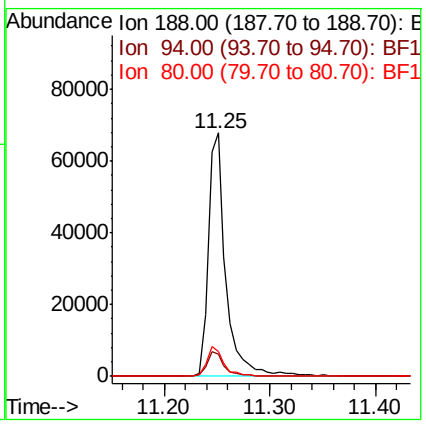
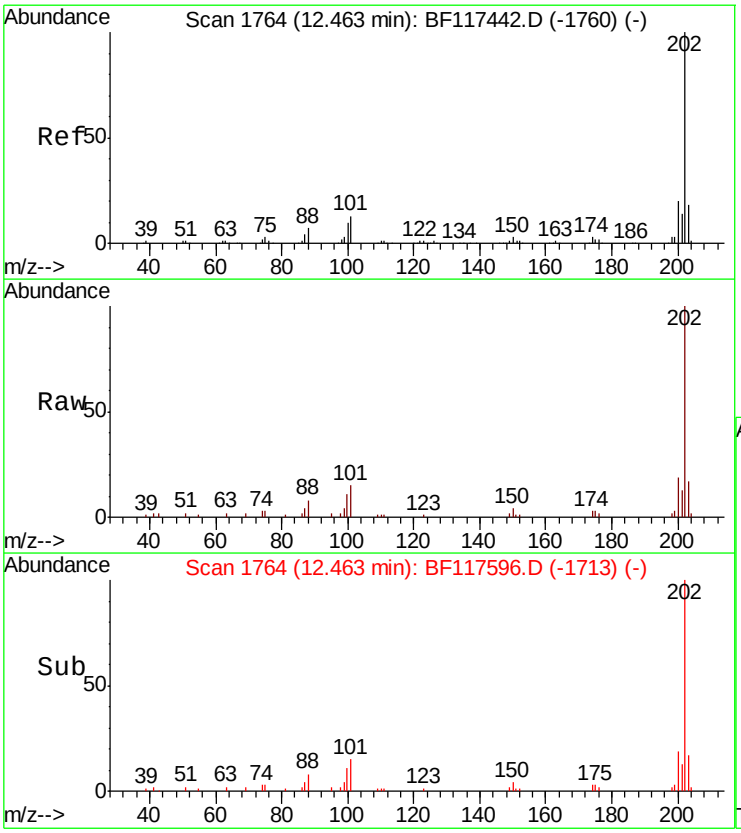
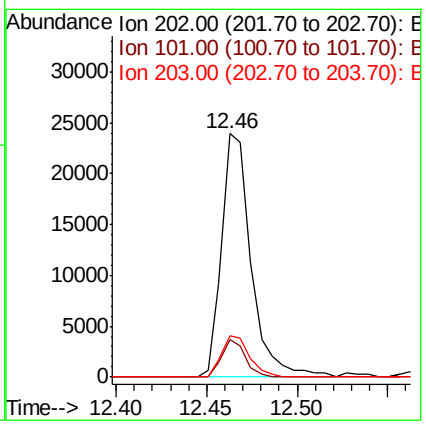


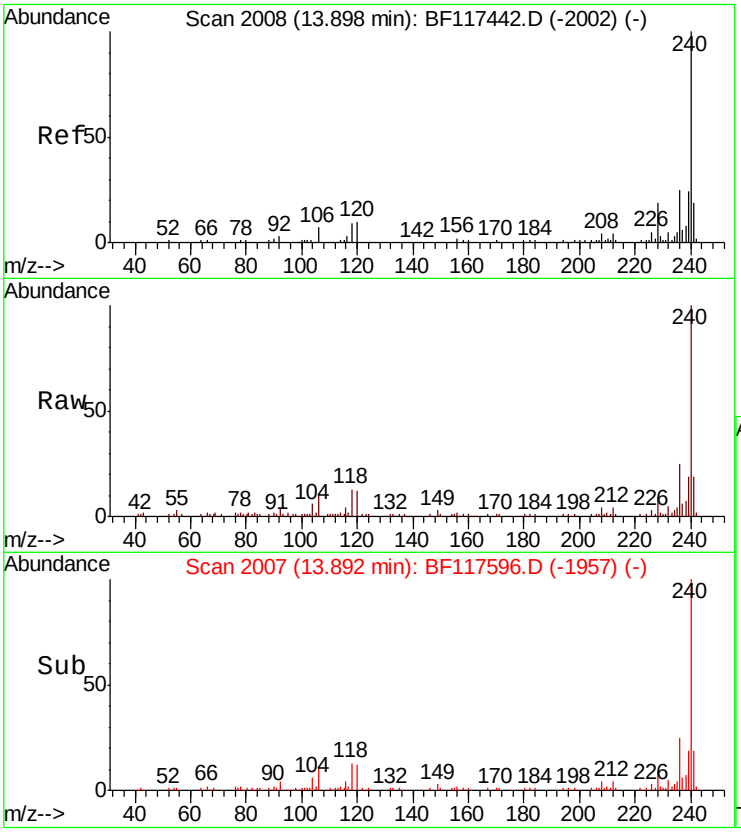


#75
Fluoranthene
Concen: 5.961 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:202 Resp: 27216

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	32.7
203	17.2	0.0	37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:240 Resp: 67668

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.4	12.6
236	24.7	20.0	30.0

Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

Manual Integrations APPROVED
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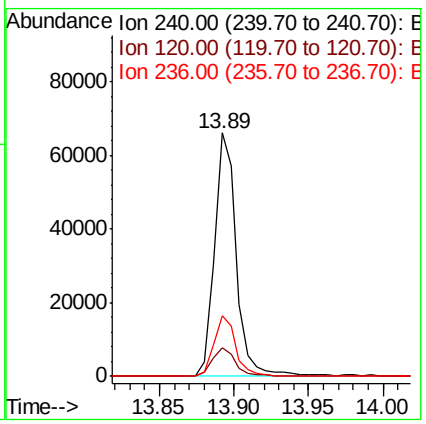
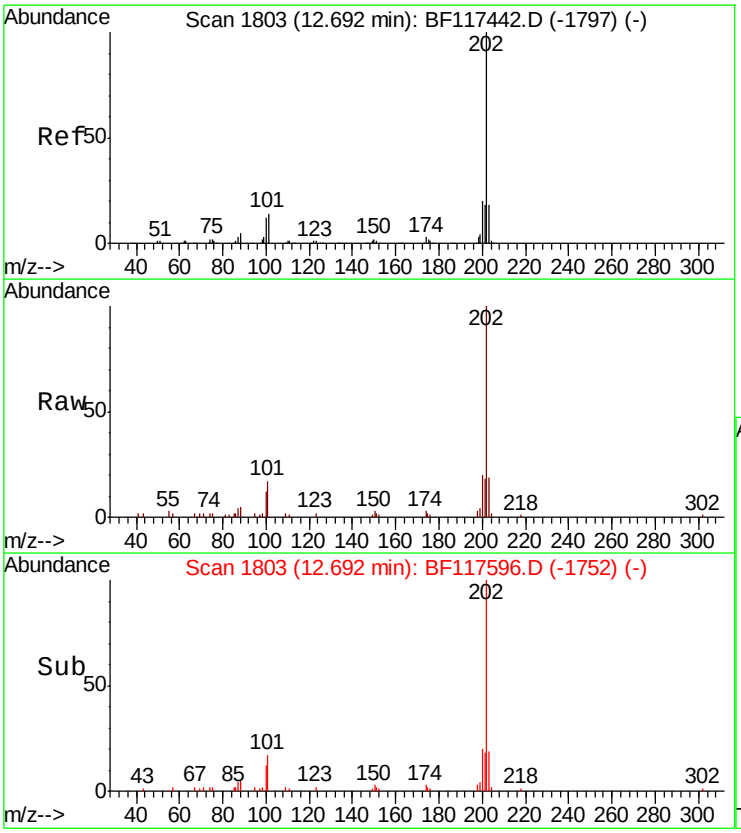
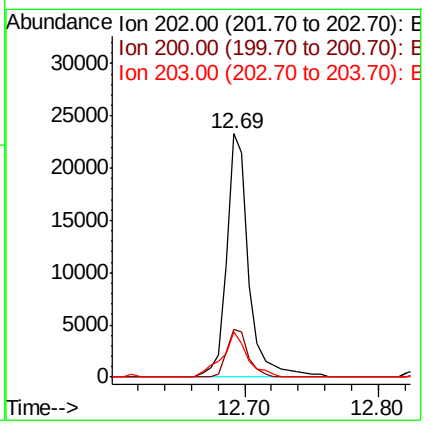


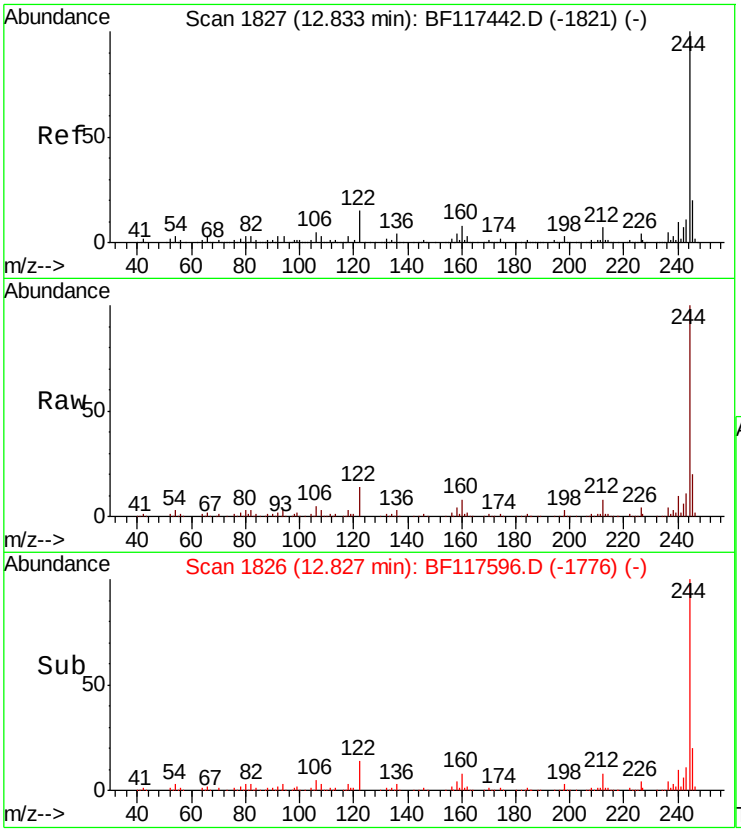


#78
Pyrene
Concen: 4.640 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:202 Resp: 26969

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	18.7	14.0	21.0

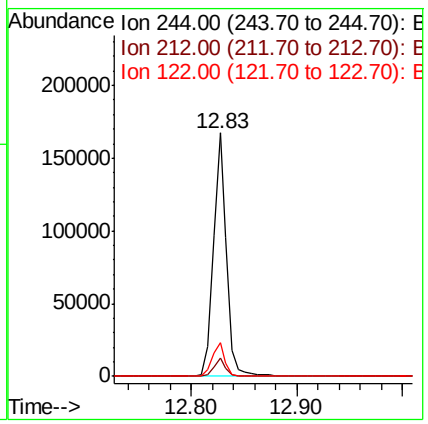




#79
Terphenyl-d14
Concen: 35.506 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:244 Resp: 147300

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	13.6	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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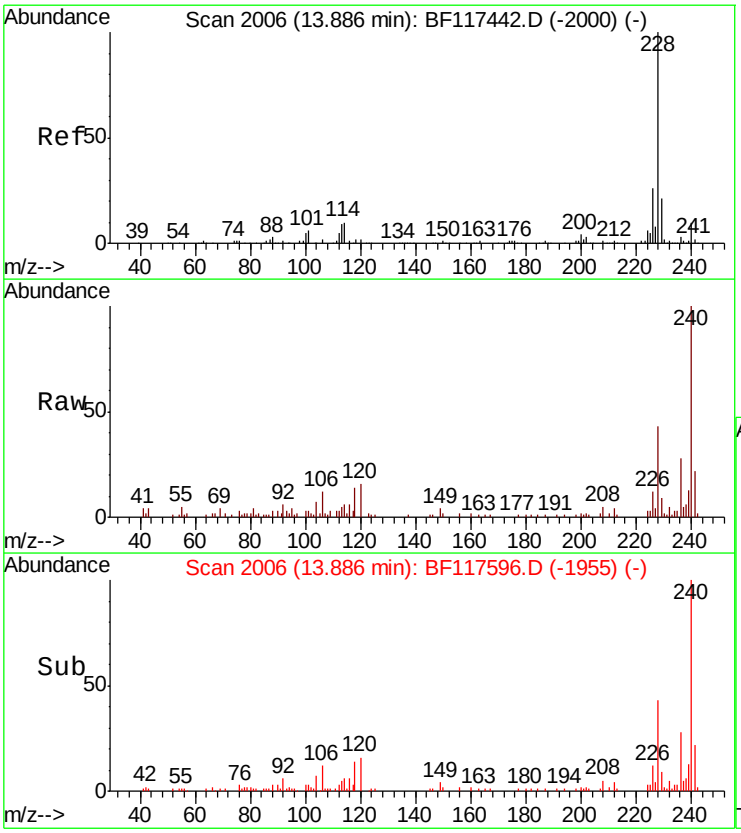
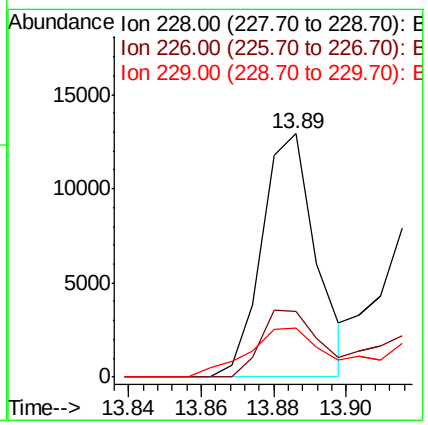
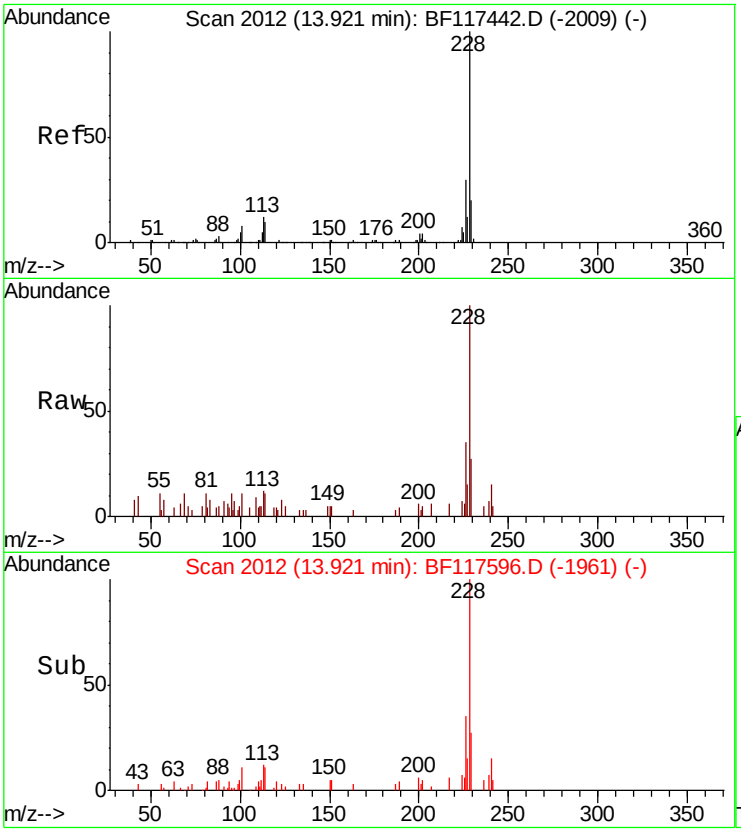


#81
Benzo(a)anthracene
Concen: 2.939 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:228 Resp: 13414

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	20.1	16.4	24.6

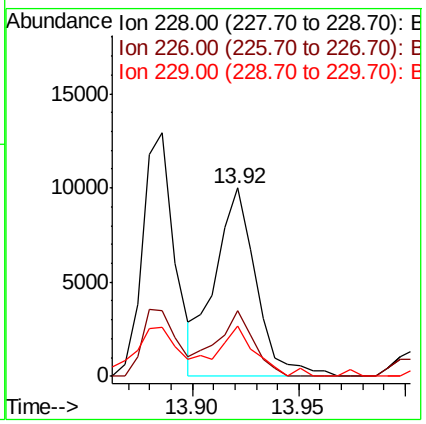




#83
Chrysene
Concen: 3.005 ng m
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:228 Resp: 13443

Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.9	35.9
229	27.0	15.8	23.6#



Instrument :
BNA_F
ClientSampleId :
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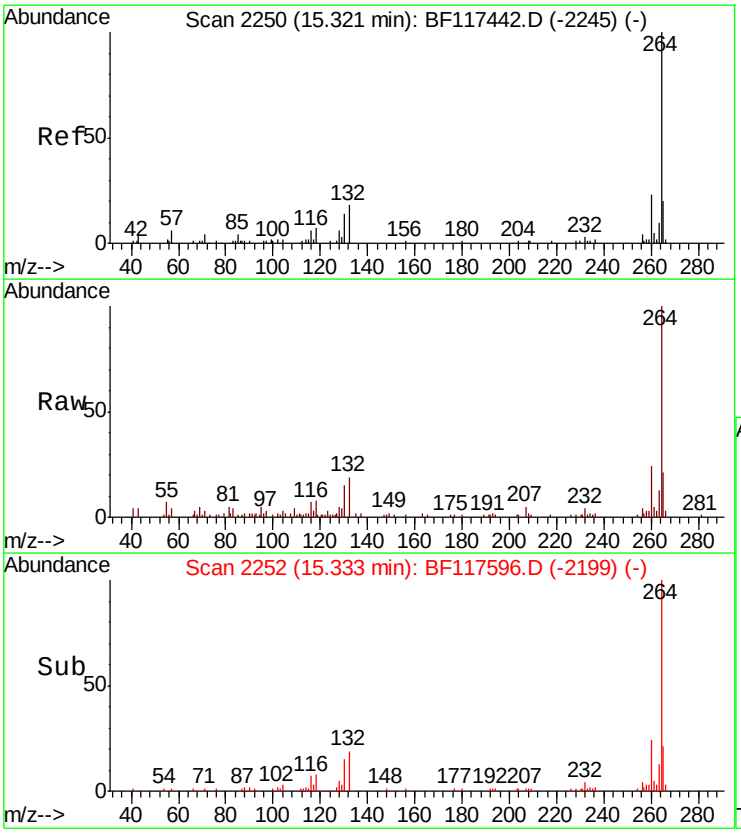
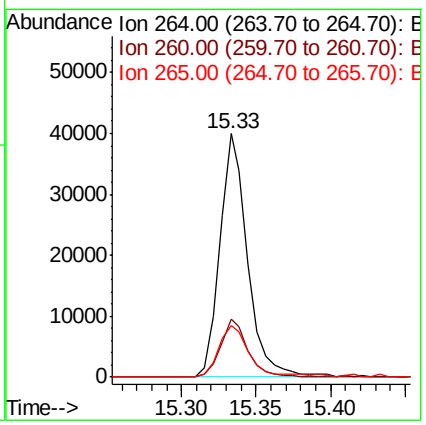
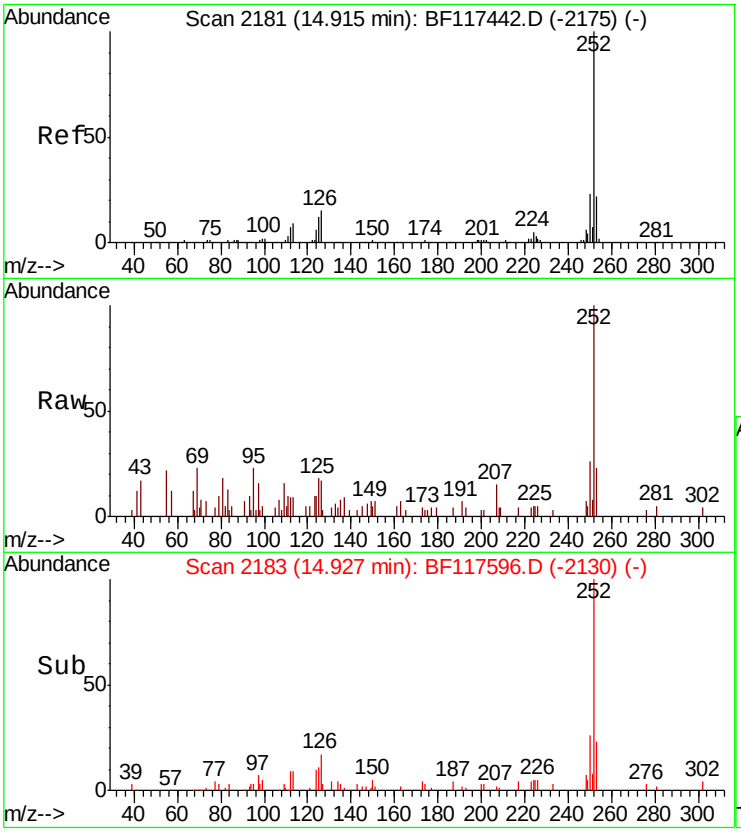


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:264 Resp: 52053

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.1	16.1	24.1





#88
Benzo(b)fluoranthene
Concen: 4.651 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:252 Resp: 14296

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	17.8	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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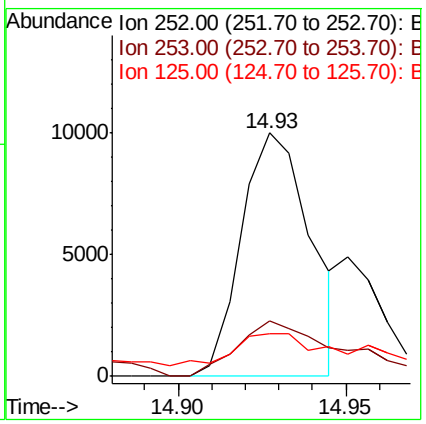
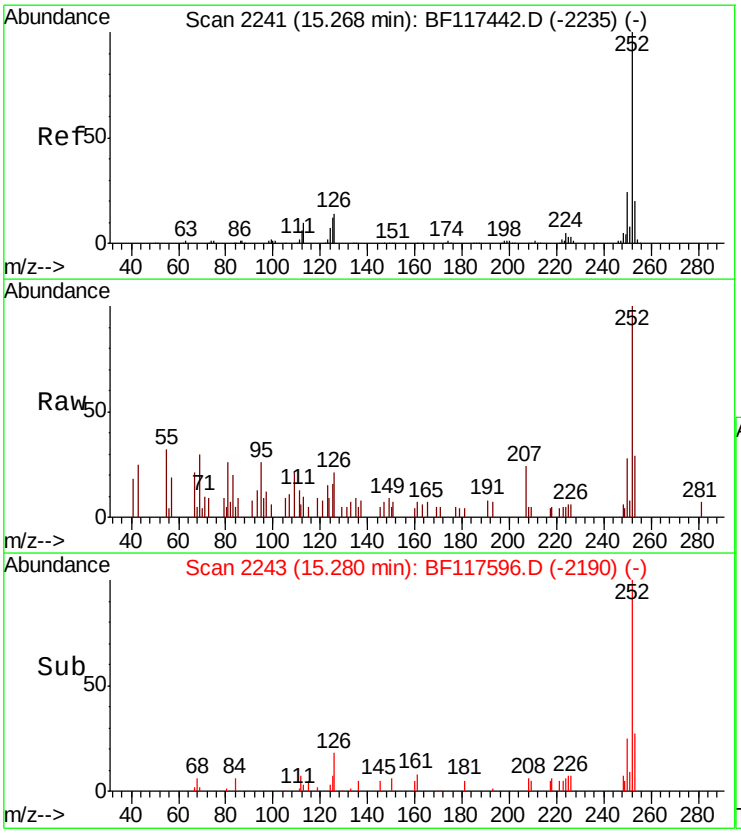
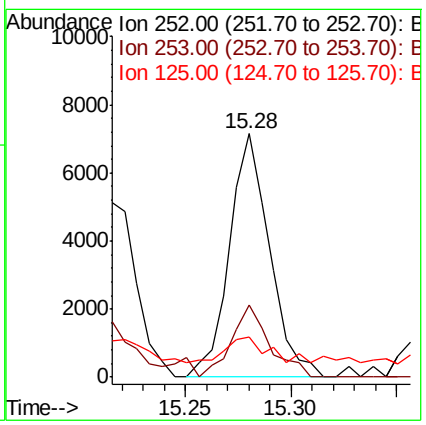


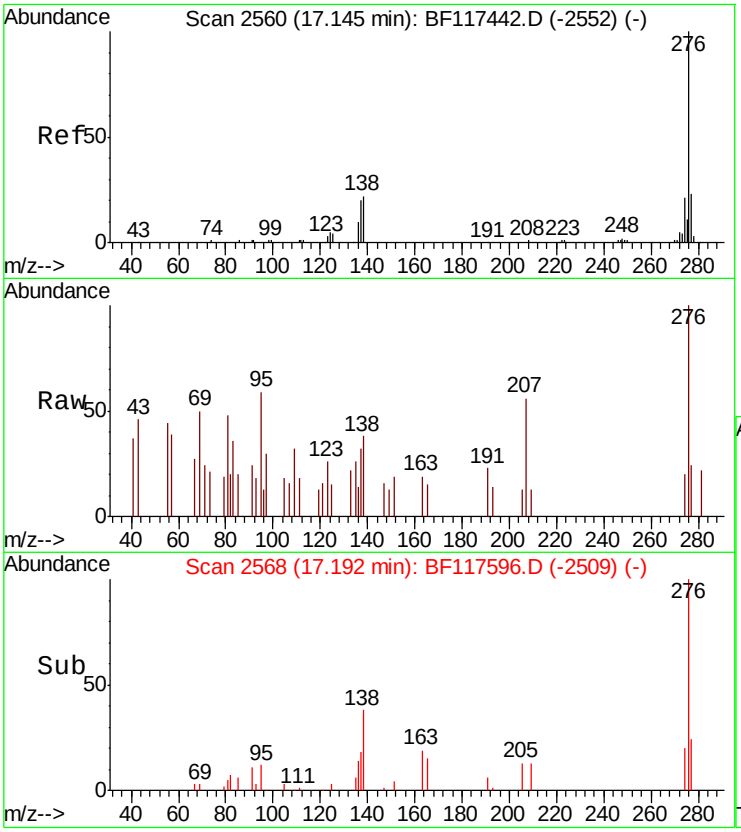


#90
Benzo(a)pyrene
Concen: 3.357 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:252 Resp: 9381

Ion	Ratio	Lower	Upper
252	100		
253	29.4	16.3	24.5#
125	16.5	9.2	13.8#

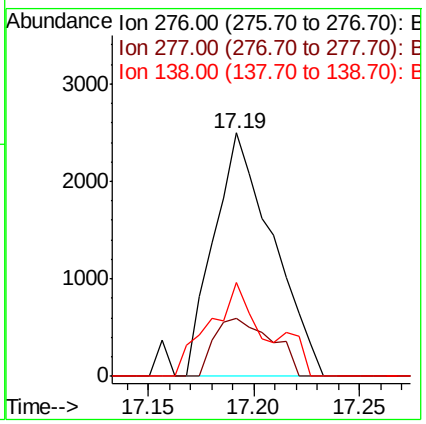




#92
Benzo(g,h,i)perylene
Concen: 2.109 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF117596.D
Acq: 29 Oct 2019 17:38

Tgt Ion:276 Resp: 4822

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	38.4	17.8	26.6#



Instrument :
BNA_F
ClientSampleId :
158-88-(0-1)

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