

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117597.D
 Acq On : 29 Oct 2019 18:04
 Operator : JU
 Sample : K5541-13 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-70-(0-2)

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:53:13 PM

Quant Time: Oct 30 04:04:20 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41512	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	144489	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	57918	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	91462	20.00	ng	0.00
76) Chrysene-d12	13.89	240	82950	20.00	ng	0.00
87) Perylene-d12	15.33	264	60663	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	96832	34.70	ng	0.00
7) Phenol-d6	6.40	99	126299	33.70	ng	0.02
23) Nitrobenzene-d5	7.30	82	76164	26.02	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	15977	31.88	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	110609	26.91	ng	-0.01
79) Terphenyl-d14	12.83	244	104842	20.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	18713	4.532	ng	Qvalue 97
71) Phenanthrene	11.27	178	11535	2.172	ng	96
75) Fluoranthene	12.46	202	29582	5.564	ng	99
78) Pyrene	12.69	202	28795	4.041	ng	98
80) Butylbenzylphthalate	13.30	149	17817	5.025	ng	98
81) Benzo(a)anthracene	13.89	228	13607	2.432	ng	99
83) Chrysene	13.92	228	13906	2.536	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	19784	3.983	ng	# 98
88) Benzo(b)fluoranthene	14.93	252	17837m	4.979	ng	
90) Benzo(a)pyrene	15.28	252	9832	3.019	ng	# 65
92) Benzo(g,h,i)perylene	17.19	276	8753	3.285	ng	# 76

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

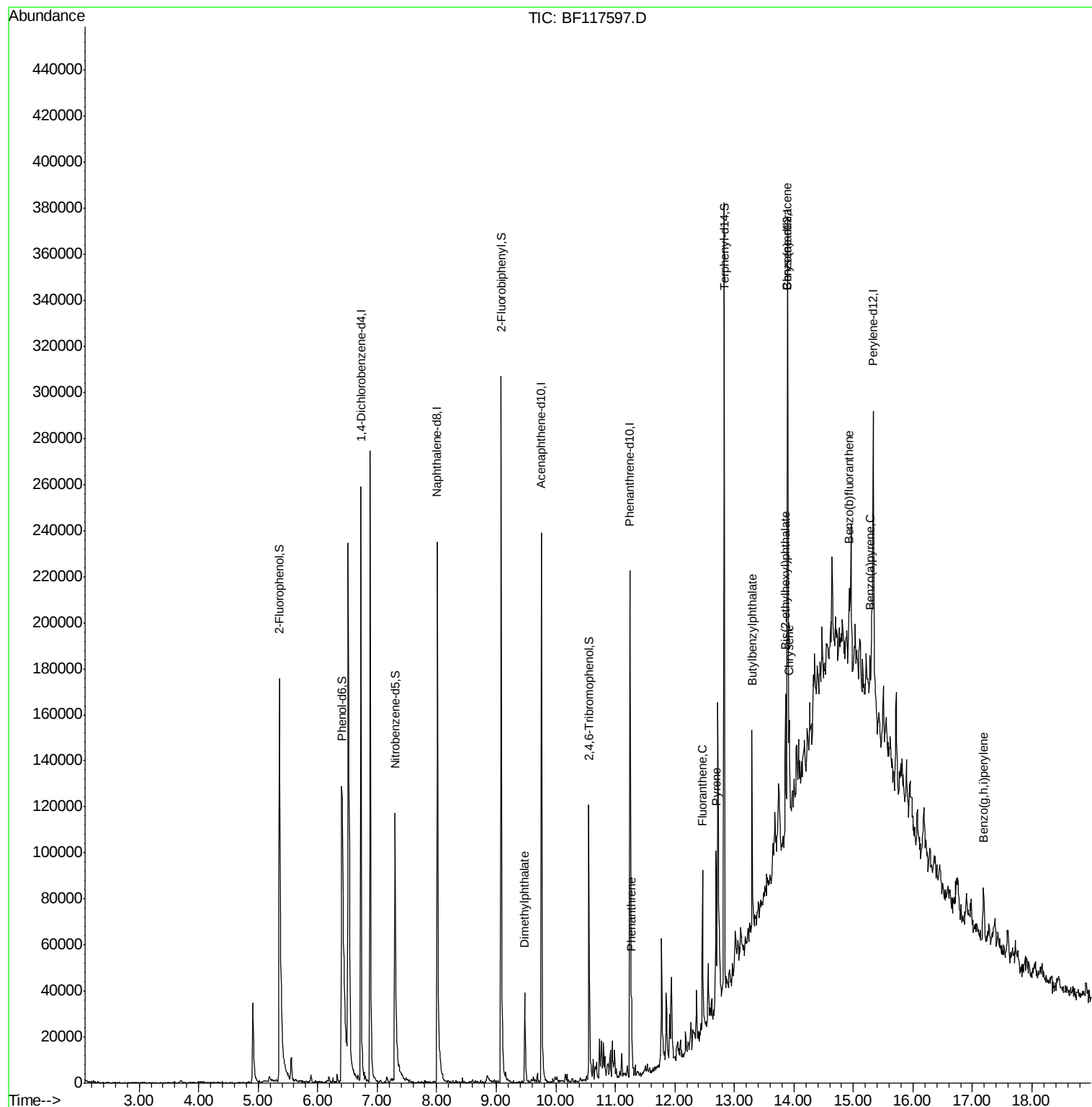
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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ClientSampleId :
15-70-(0-2)

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QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

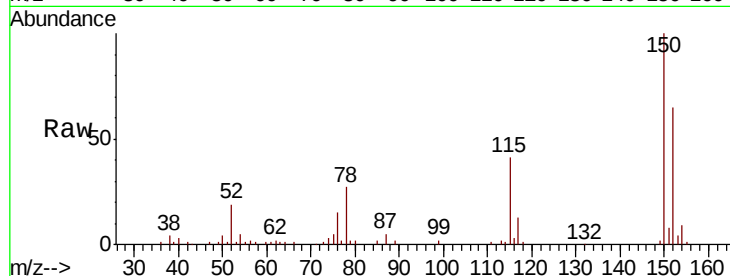
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :
15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.8	190.2
115	62.3	51.6	77.4

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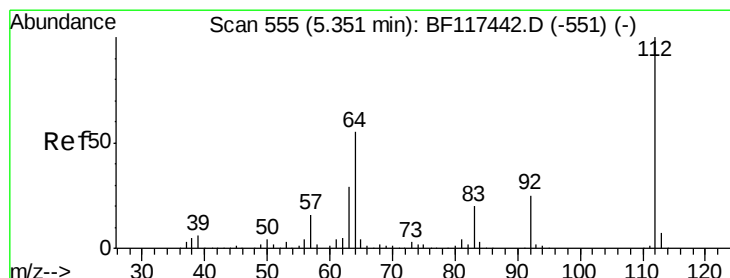
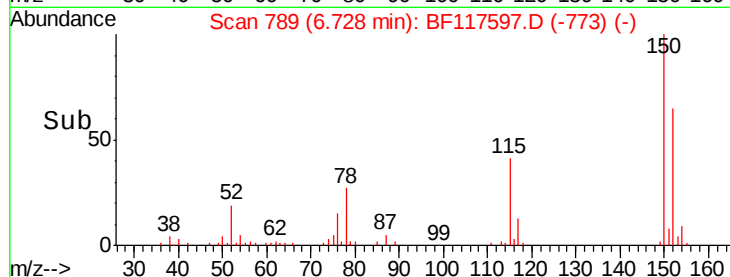
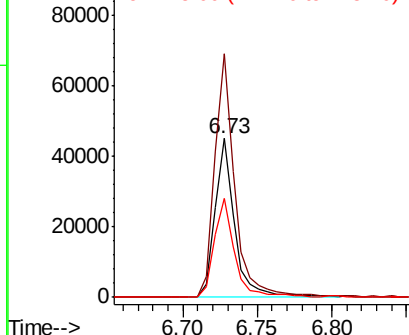


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

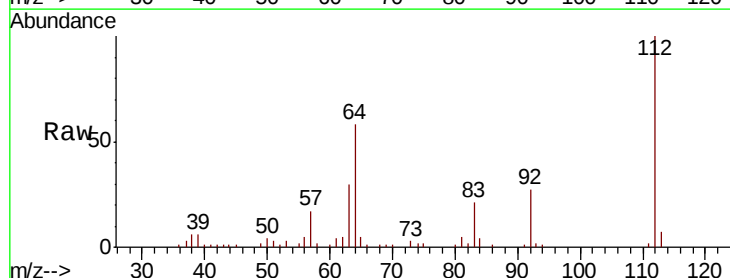
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.703 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	29.8	23.4	35.2

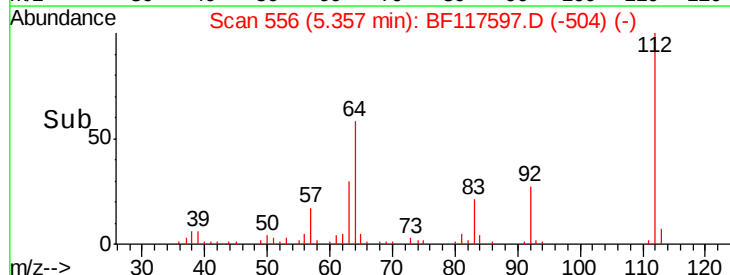
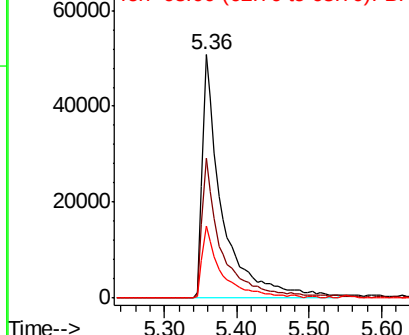


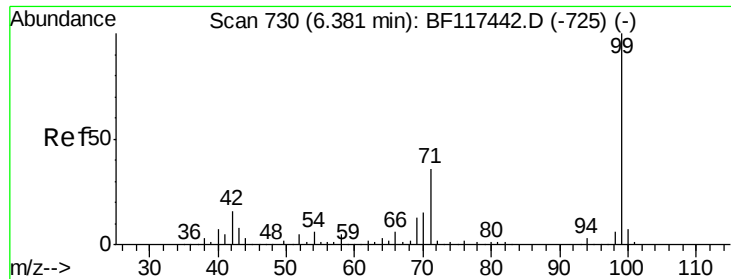
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 33.700 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Instrument :

BNA_F

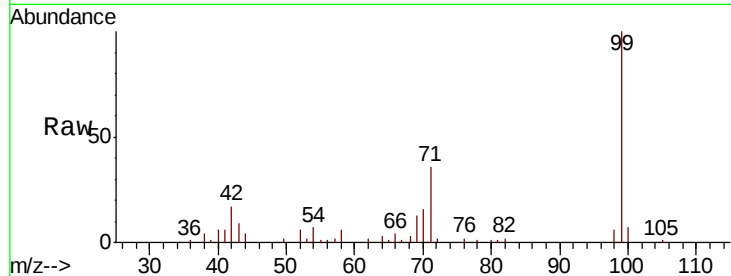
ClientSampleId :

15-70-(0-2)

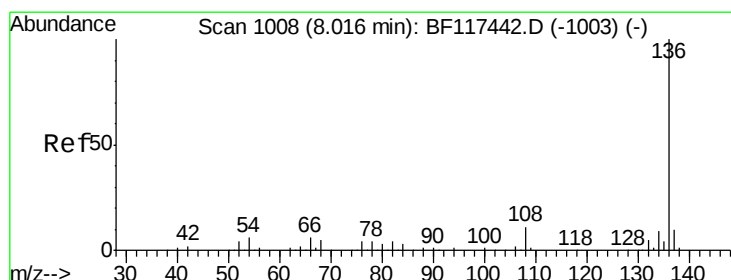
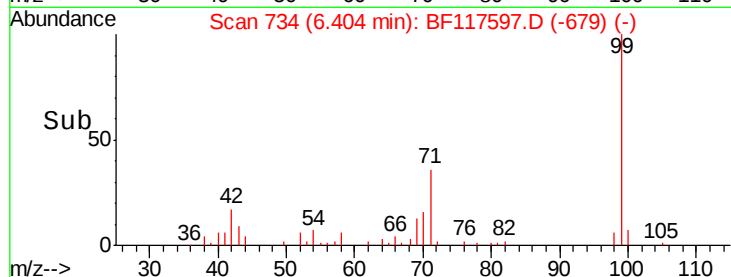
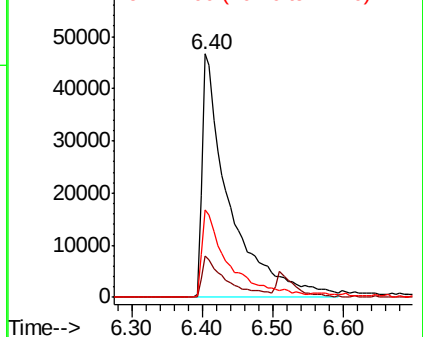
Tot Ion:	99	Resp:	126299
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.8	19.2
71	36.1	28.6	43.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

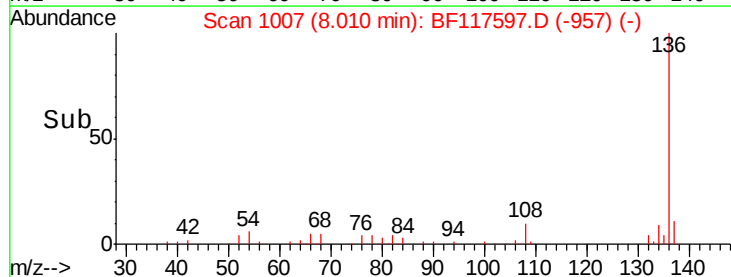
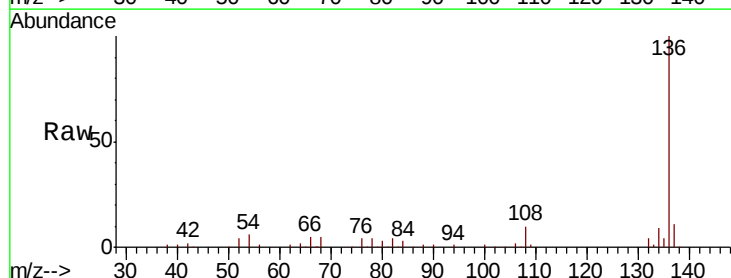
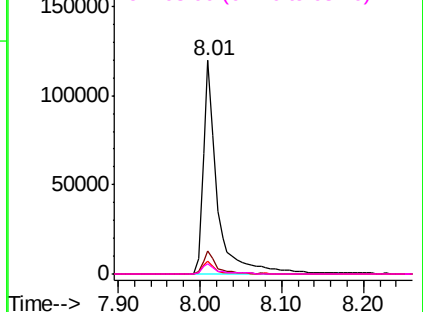
Delta R.T. -0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Tgt Ion:	136	Resp:	144489
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	5.9	4.5	6.7
68	5.0	4.3	6.5

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





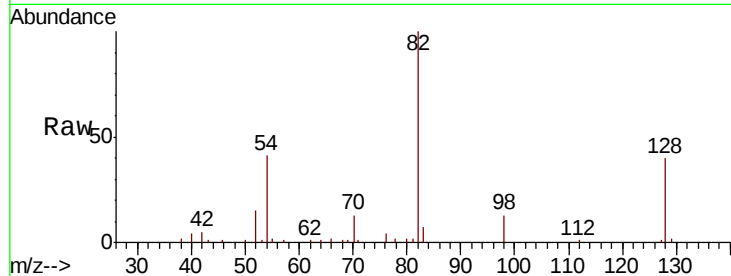
#23
Nitrobenzene-d5
Concen: 26.023 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :
15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	41.1	34.2	51.2

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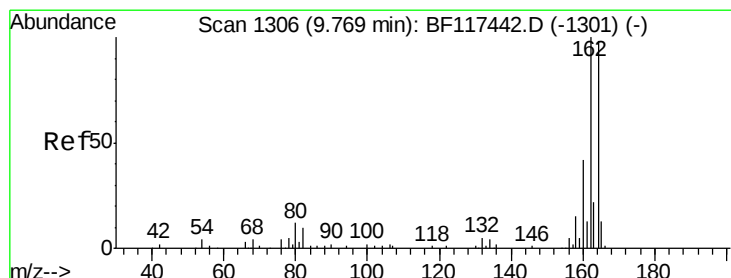
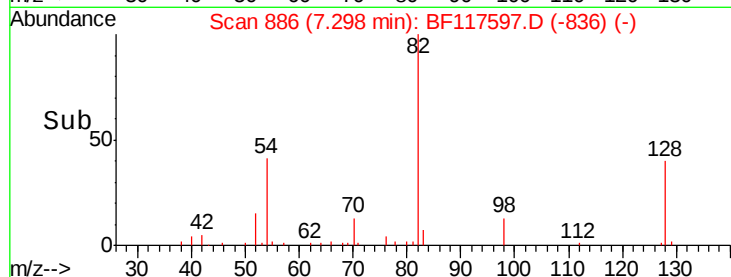
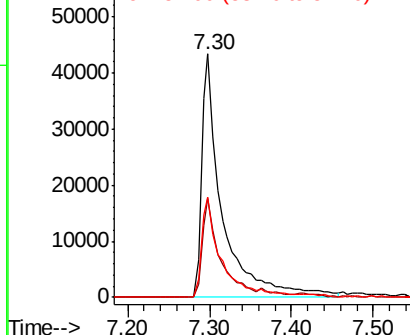


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

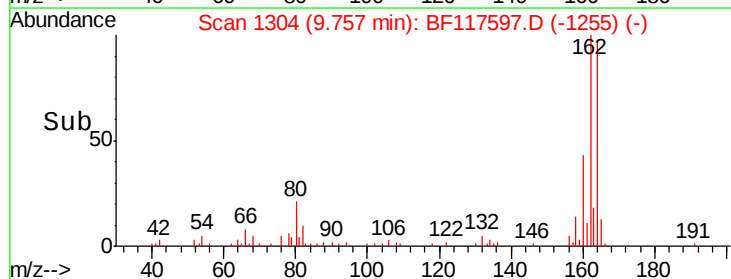
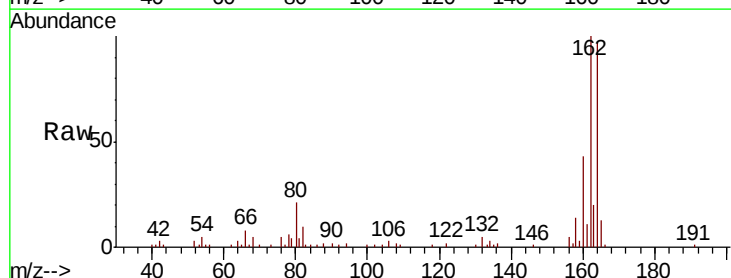
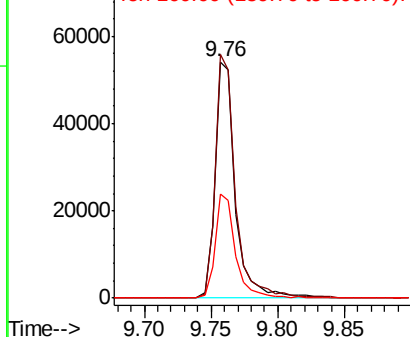
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	44.2	34.4	51.6

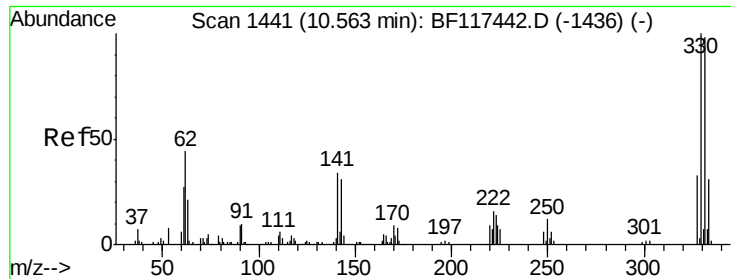
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 31.881 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Instrument :

BNA_F

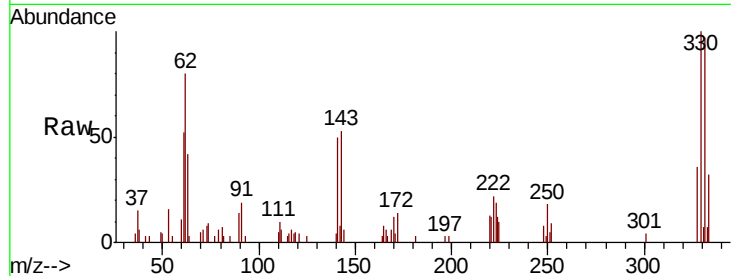
ClientSampleId :

15-70-(0-2)

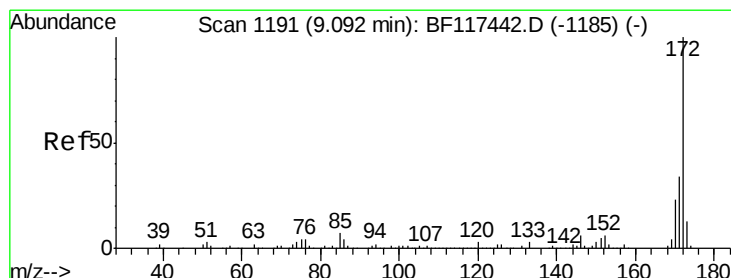
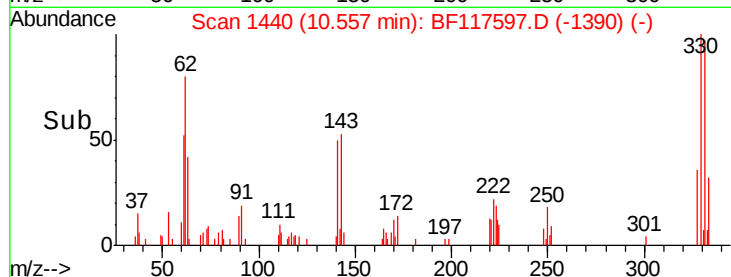
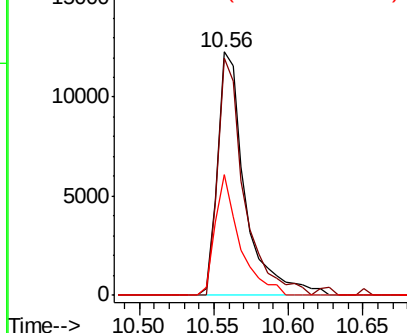
Tot Ion:	330	Resp:	15977
Ion Ratio	Lower	Upper	
330	100		
332	93.2	78.5	117.7
141	43.7	37.0	55.6

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 26.908 ng

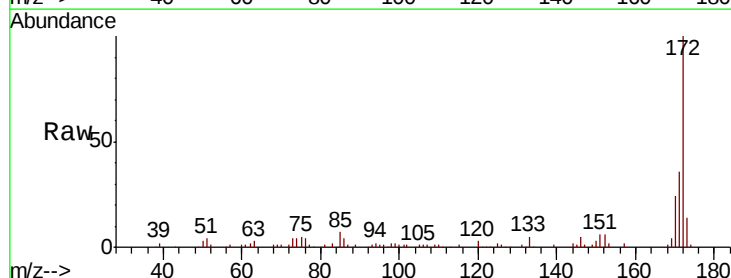
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

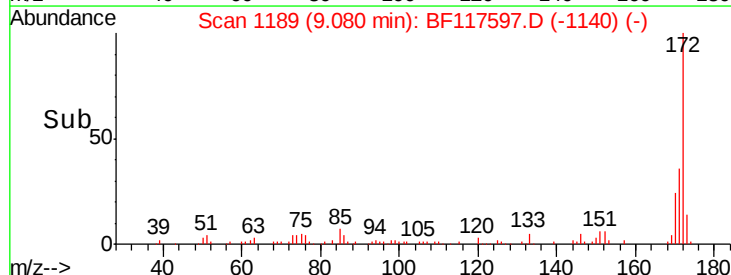
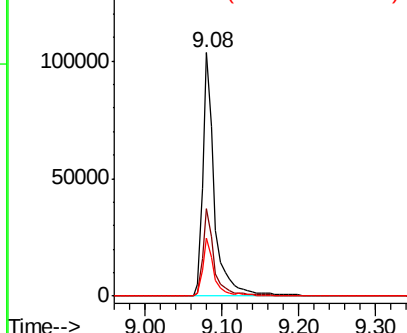
Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Tgt Ion:	172	Resp:	110609
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.5	41.3
170	23.6	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.532 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Instrument :

BNA_F

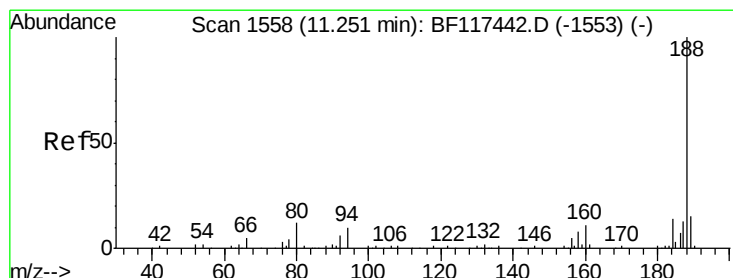
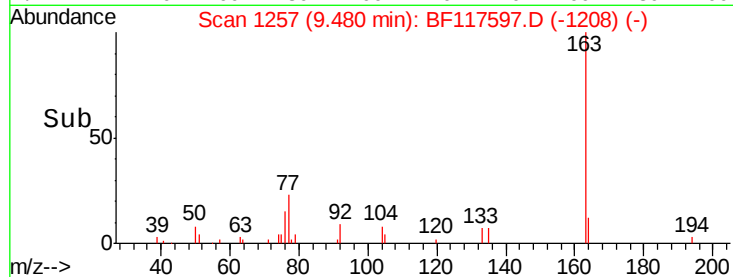
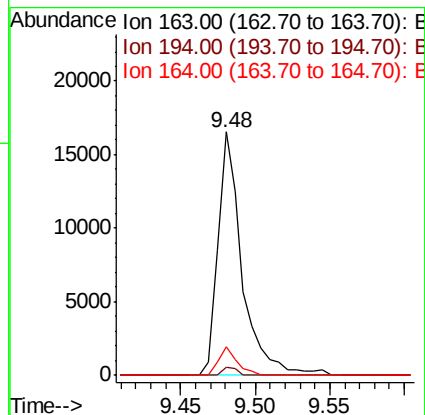
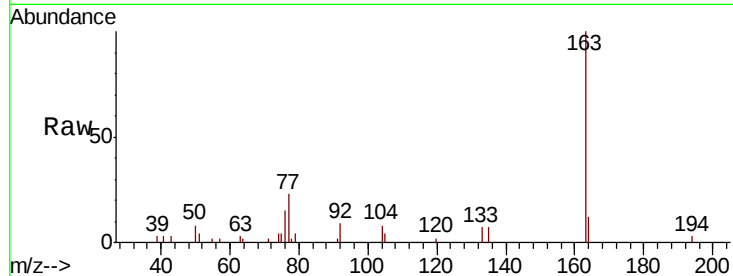
ClientSampleId :

15-70-(0-2)

Tot Ion:	163	Resp:	18713
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.9	4.3
164	11.6	8.2	12.2

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

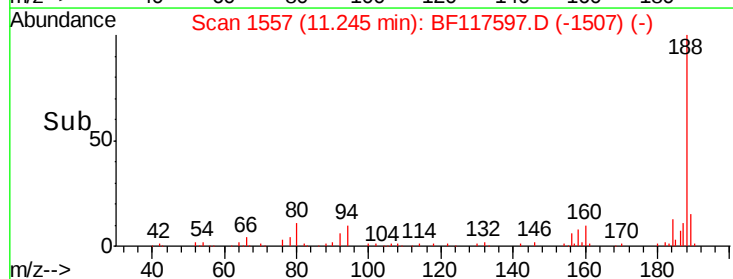
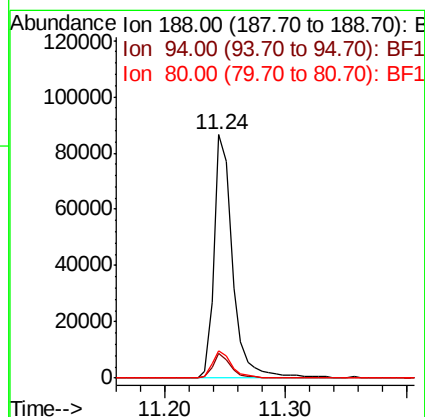
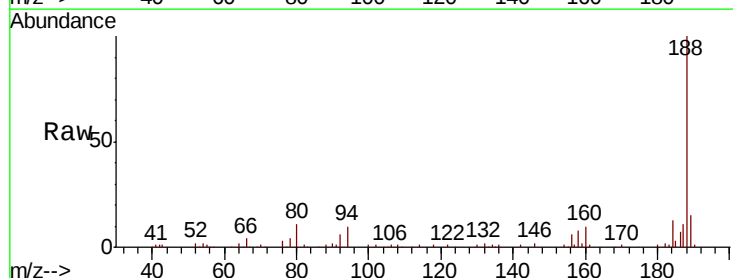
RT: 11.24 min Scan# 1557

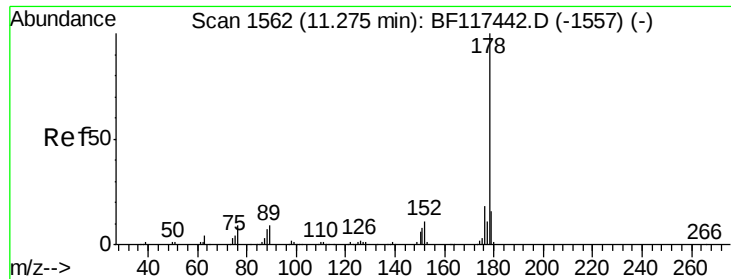
Delta R.T. -0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Tgt Ion:	188	Resp:	91462
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.0	12.0
80	11.0	9.5	14.3





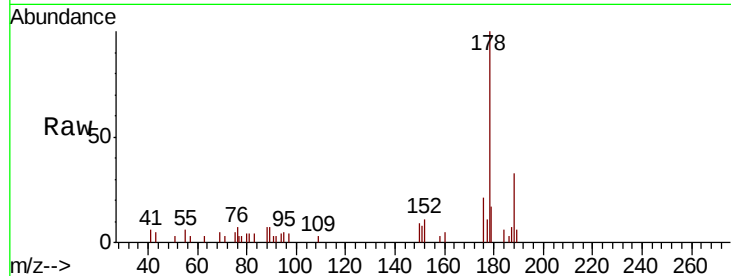
#71
Phenanthrene
Concen: 2.172 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :
15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.6	22.0
179	16.9	12.6	19.0

Manual Integrations
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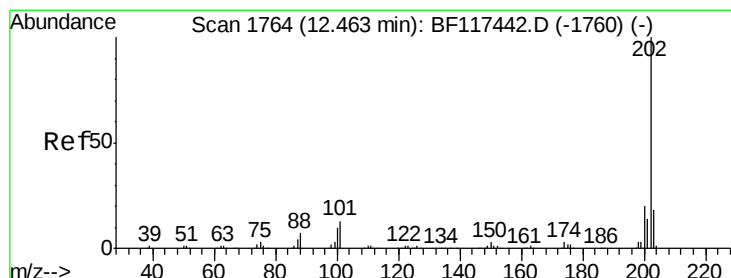
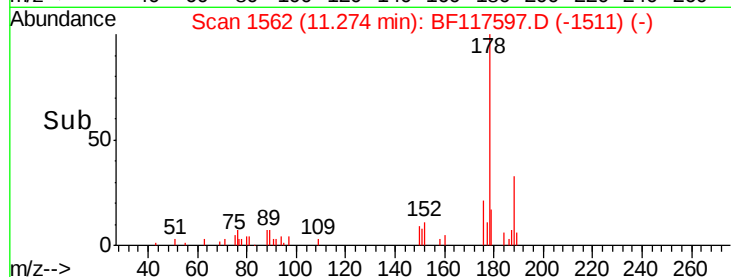
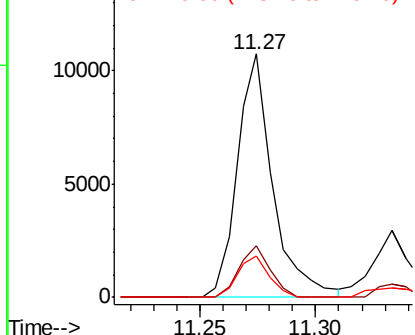


Abundance

Ion 178.00 (177.70 to 178.70): E

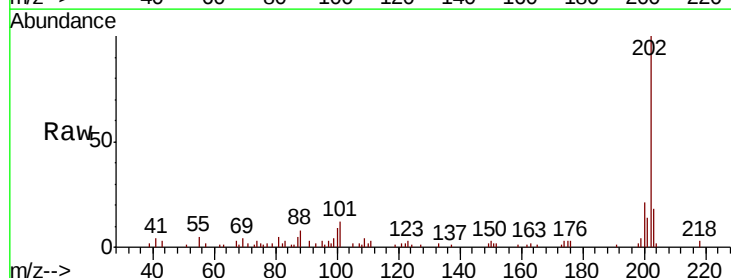
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.564 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.7
203	17.9	0.0	37.6

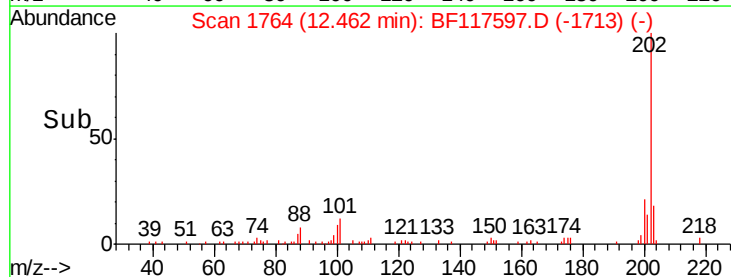
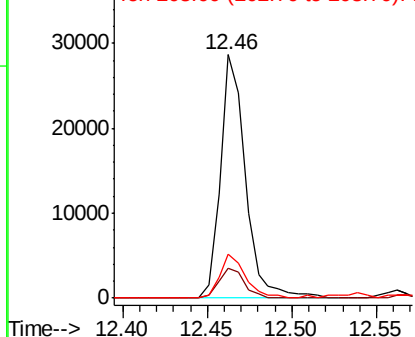


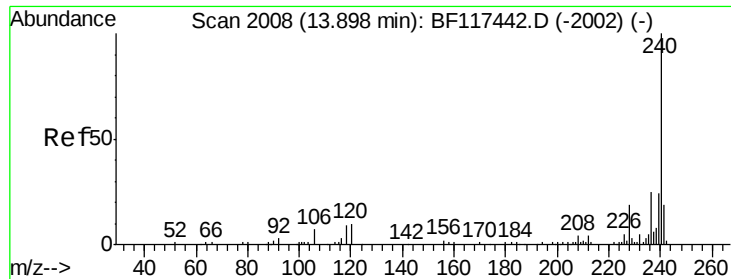
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





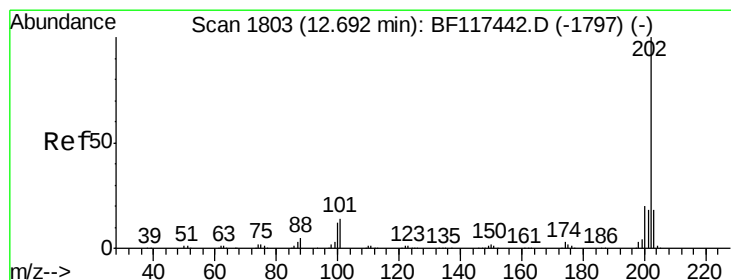
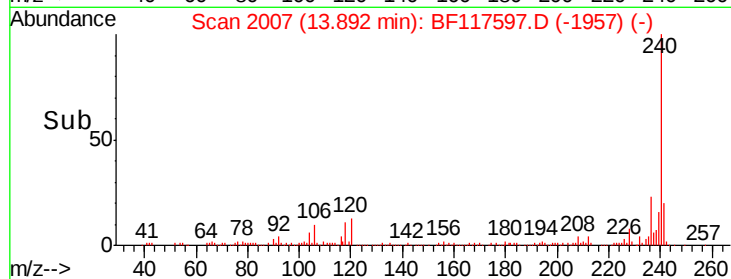
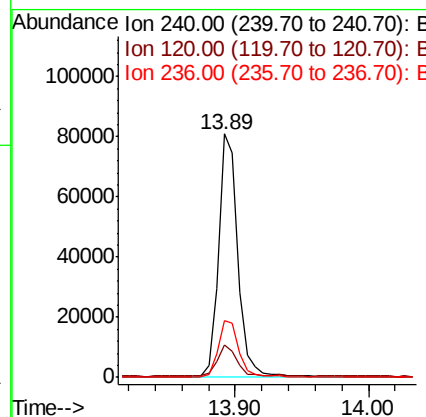
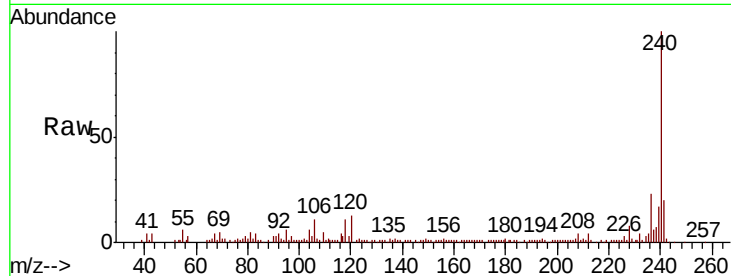
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampled :
15-70-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	8.4	12.6#
236	23.4	20.0	30.0

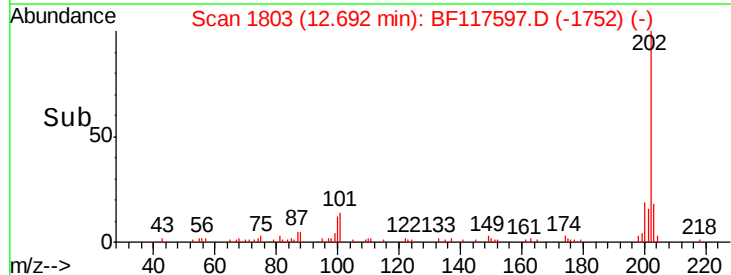
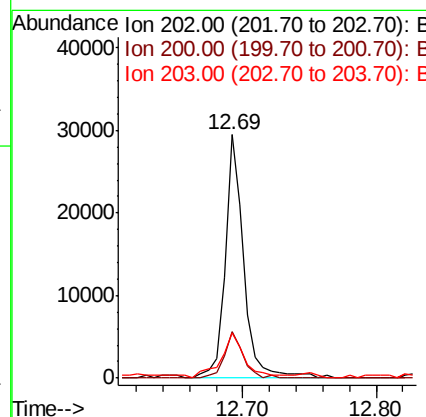
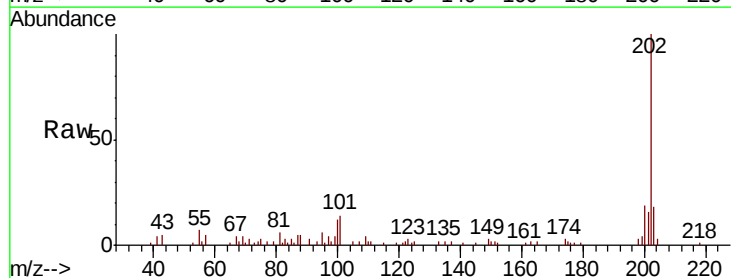
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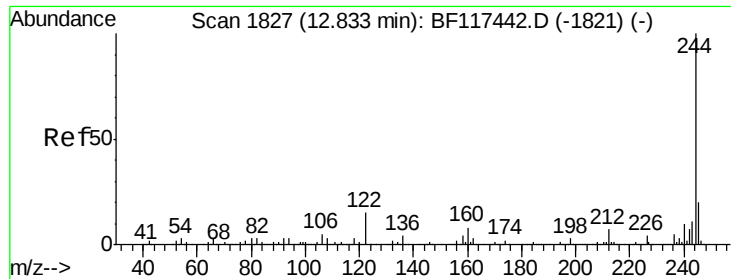
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#78
Pyrene
Concen: 4.041 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.2	16.2	24.2
203	18.5	14.0	21.0





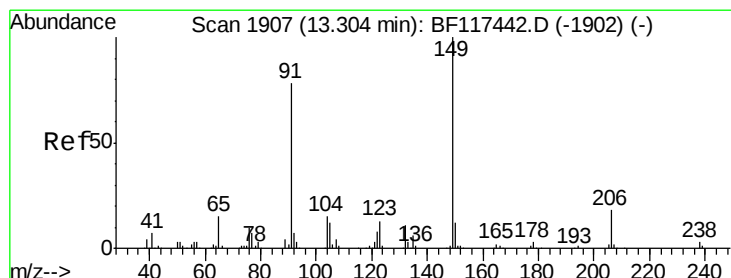
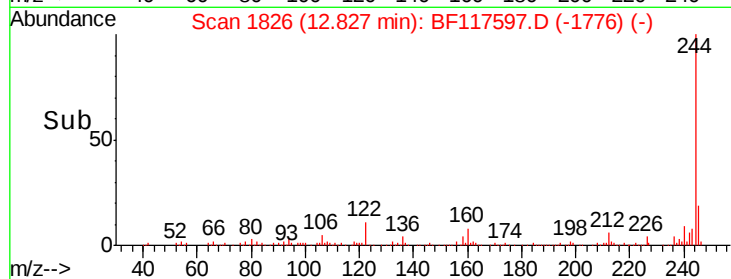
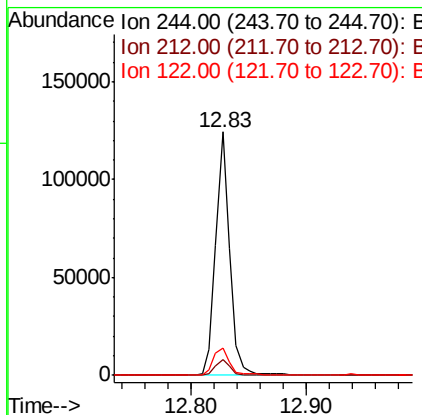
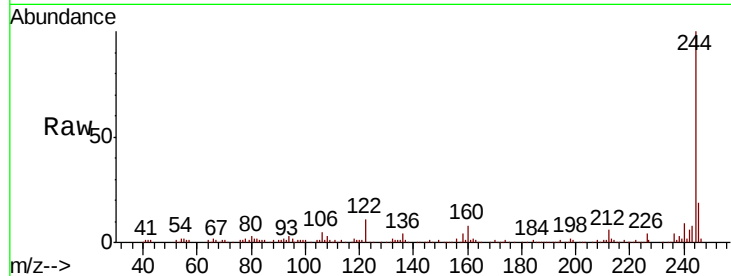
#79
 Terphenyl-d14
 Concen: 20.616 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117597.D
 Acq: 29 Oct 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :
 15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.5	11.8	17.8

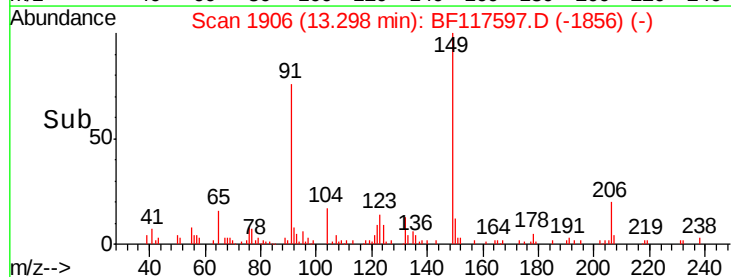
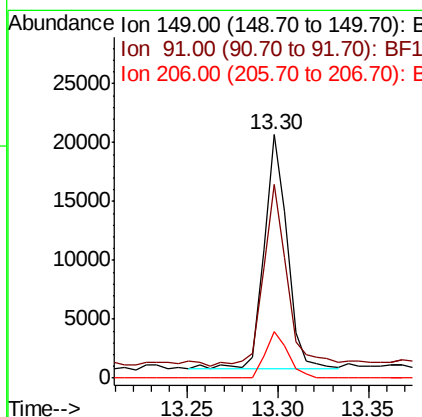
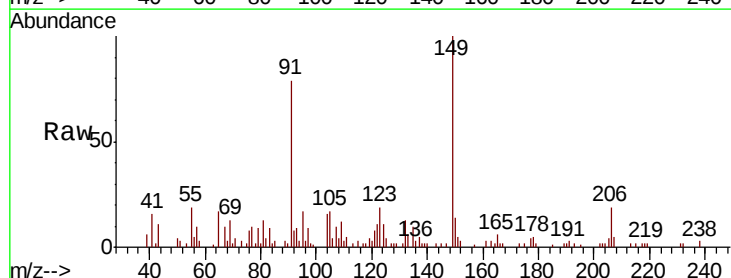
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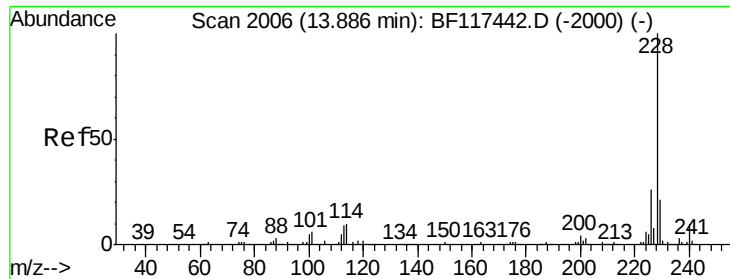
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#80
 Butylbenzylphthalate
 Concen: 5.025 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117597.D
 Acq: 29 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.5	62.1	93.1
206	18.9	14.3	21.5





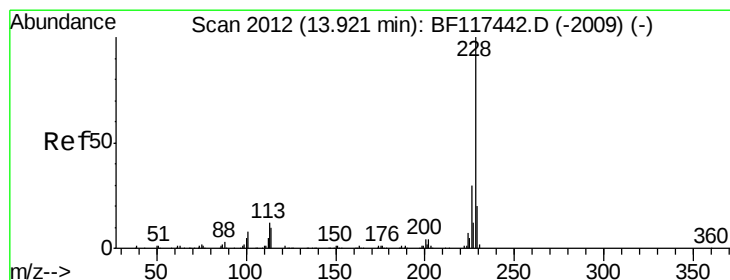
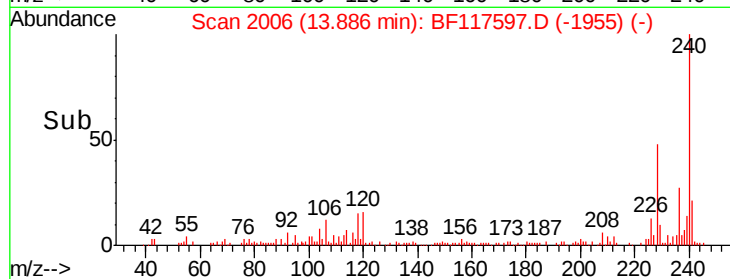
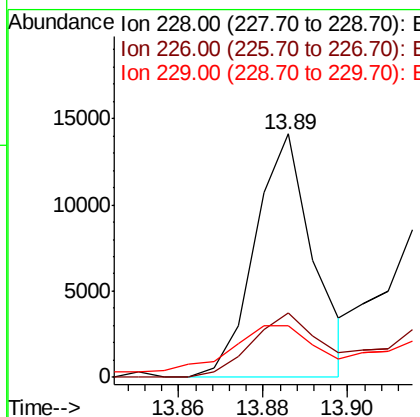
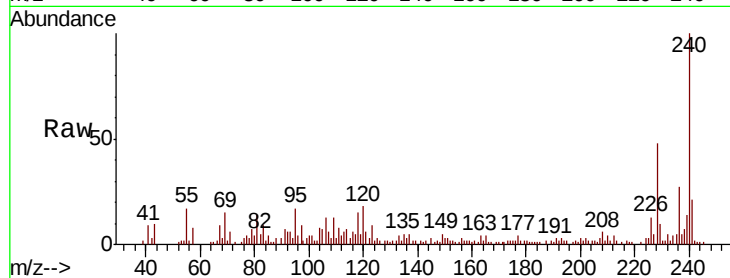
#81
Benzo(a)anthracene
Concen: 2.432 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :
15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	21.4	16.4	24.6

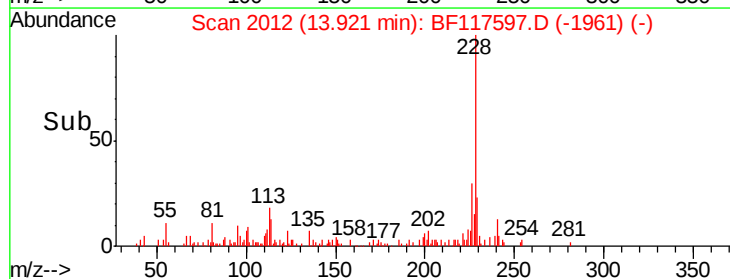
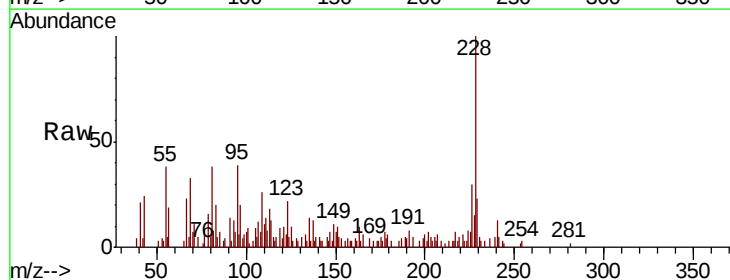
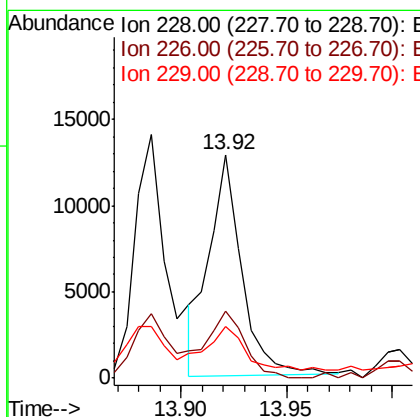
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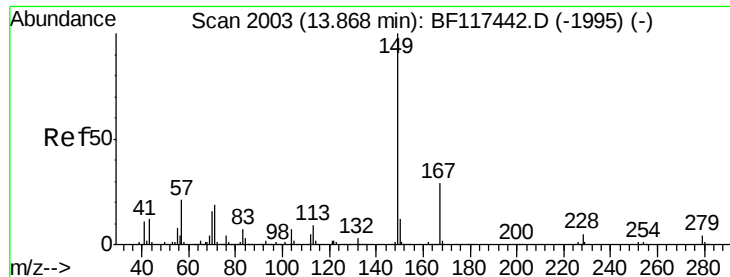
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#83
Chrysene
Concen: 2.536 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	23.1	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.983 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Instrument :

BNA_F

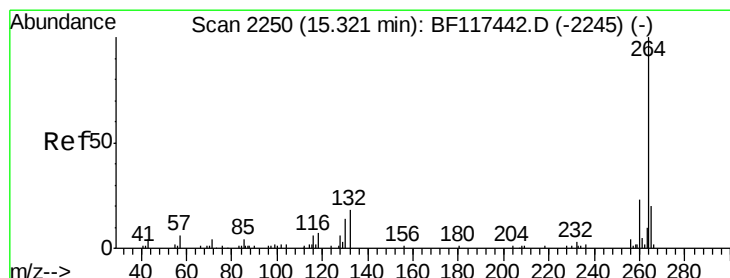
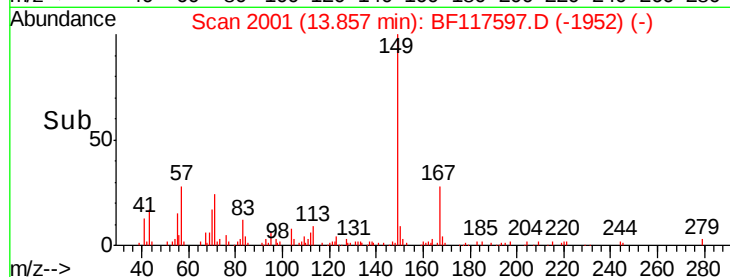
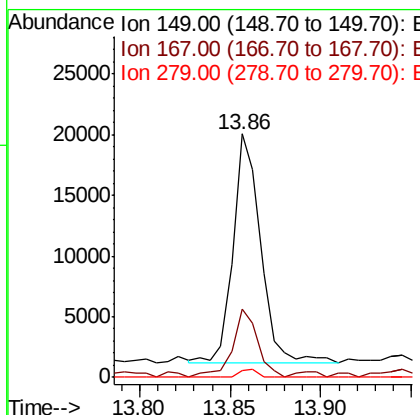
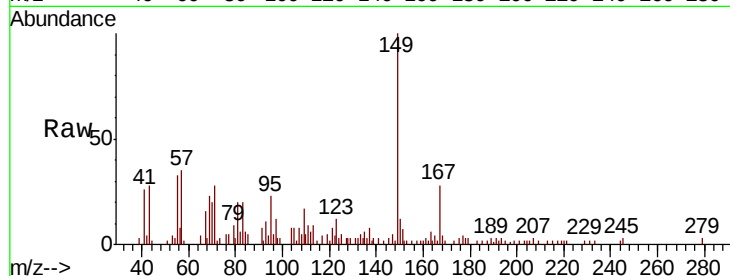
ClientSampleId :

15-70-(0-2)

Tot Ion:	149	Resp:	19784
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.3	34.9
279	2.9	3.2	4.8#

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#87

Perylene-d12

Concen: 20.000 ng

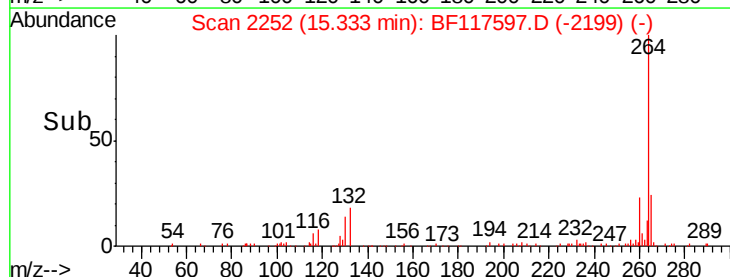
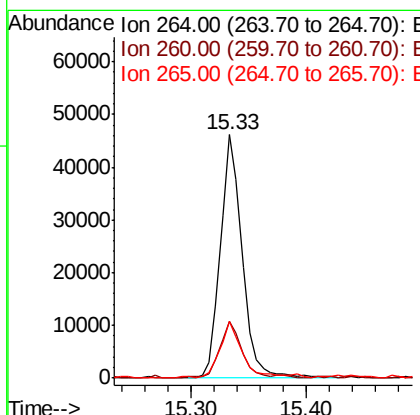
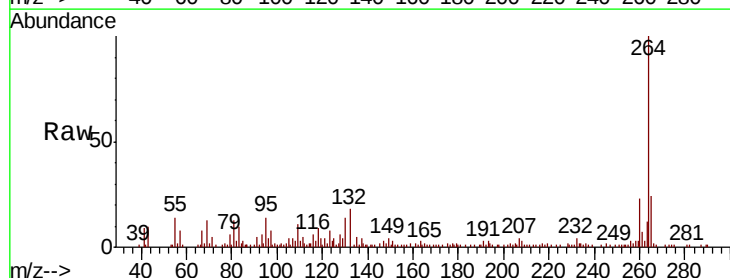
RT: 15.33 min Scan# 2252

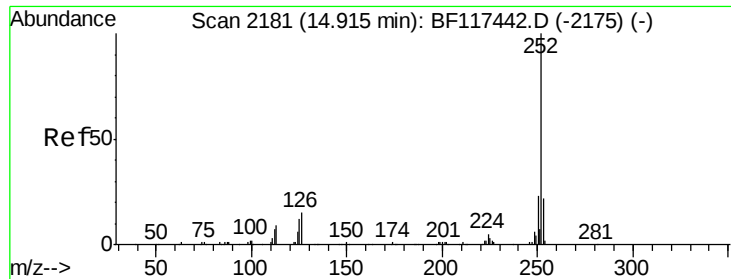
Delta R.T. 0.01 min

Lab File: BF117597.D

Acq: 29 Oct 2019 18:04

Tgt Ion:	264	Resp:	60663
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.4	27.6
265	23.5	16.1	24.1





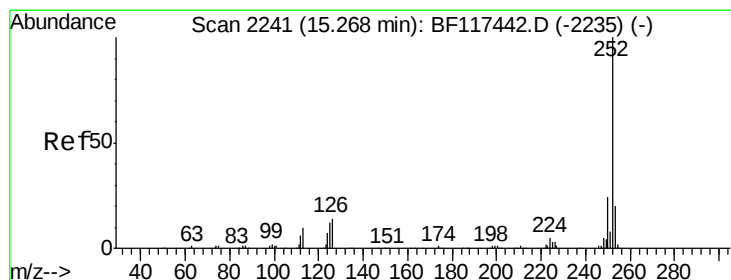
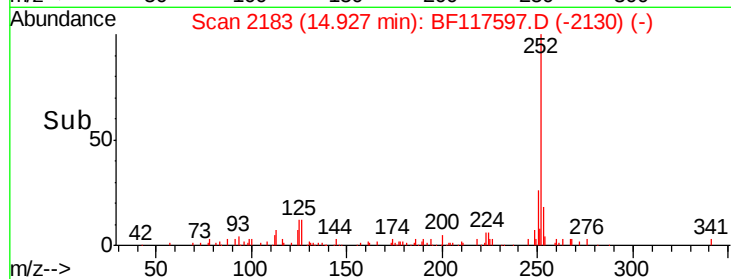
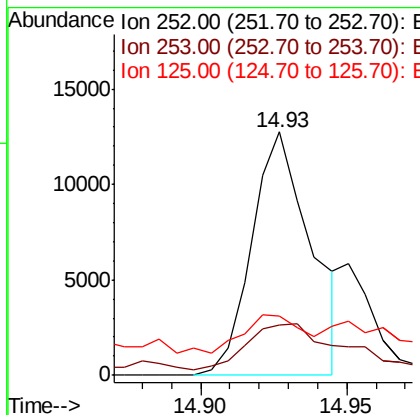
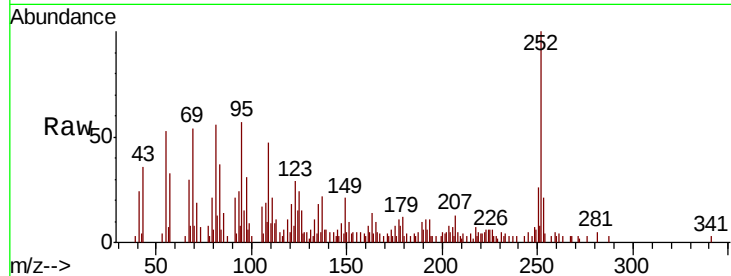
#88
Benzo(b)fluoranthene
Concen: 4.979 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Instrument :
BNA_F
ClientSampleId :
15-70-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		17837		
253	20.8	17.8	26.6		
125	24.3	9.9	14.9#		

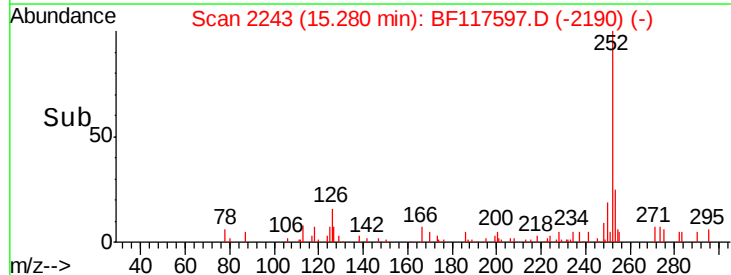
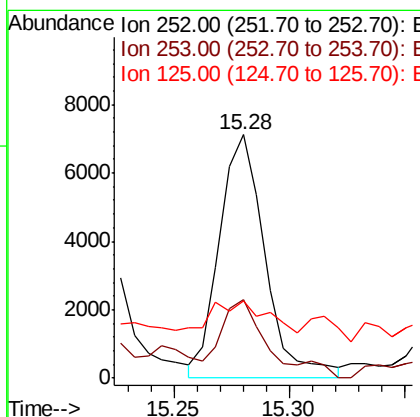
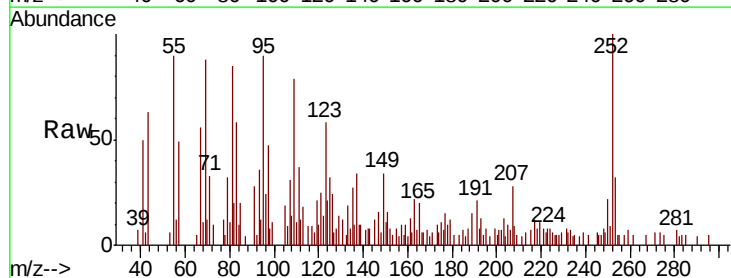
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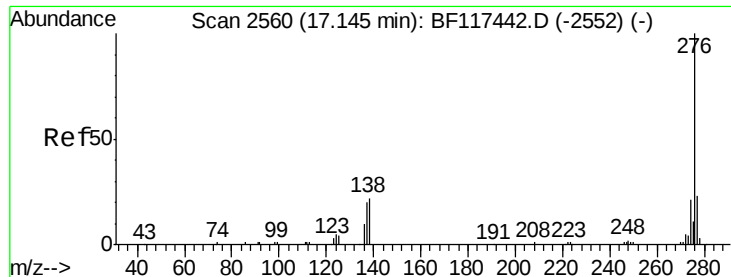
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#90
Benzo(a)pyrene
Concen: 3.019 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117597.D
Acq: 29 Oct 2019 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		9832		
253	32.0	16.3	24.5#		
125	31.7	9.2	13.8#		





#92
 Benzo(a,h,i)perylene
 Concen: 3.285 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.05 min
 Lab File: BF117597.D
 Acq: 29 Oct 2019 18:04

Instrument :
 BNA_F
 ClientSampleId :
 15-70-(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.4	27.6
138	42.1	17.8	26.6

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