

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117581.D
 Acq On : 29 Oct 2019 10:57
 Operator : JU
 Sample : K5563-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Oct 30 02:25:07 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	49190	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	204865	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	94522	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	125721	20.00	ng	0.00
76) Chrysene-d12	13.89	240	83453	20.00	ng	0.00
87) Perylene-d12	15.33	264	98676	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	286567	86.67	ng	0.00
7) Phenol-d6	6.39	99	385339	86.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	242752	58.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	54011	66.04	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	309980	46.21	ng	-0.01
79) Terphenyl-d14	12.83	244	180472	35.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	63373	9.405	ng	98
71) Phenanthrene	11.27	178	75268	10.310	ng	98
75) Fluoranthene	12.46	202	97611	13.357	ng	99
78) Pyrene	12.69	202	84220	11.749	ng	99
81) Benzo(a)anthracene	13.88	228	41355	7.346	ng	99
83) Chrysene	13.92	228	38144	6.914	ng	98
86) Indeno(1,2,3-cd)pyrene	16.75	276	18865	4.580	ng	99
88) Benzo(b)fluoranthene	14.92	252	48916m	8.395	ng	
89) Benzo(k)fluoranthene	14.94	252	16123m	2.700	ng	
90) Benzo(a)pyrene	15.27	252	35877	6.772	ng	# 88
92) Benzo(g,h,i)perylene	17.18	276	16264	3.752	ng	# 86

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

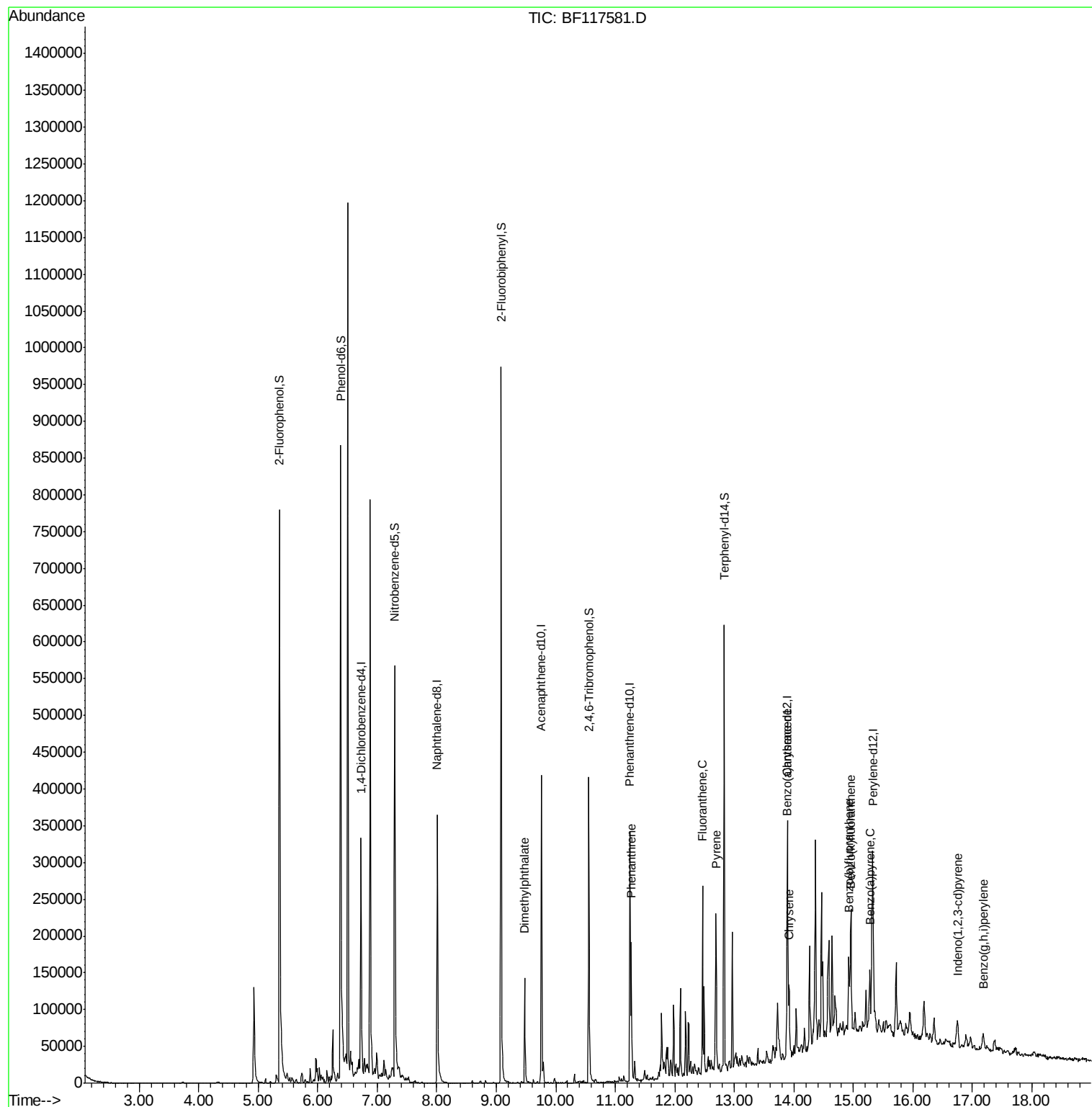
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117581.D
Acq On : 29 Oct 2019 10:57
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Quant Time: Oct 30 02:25:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

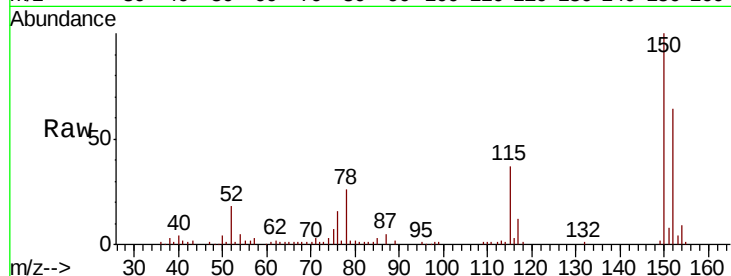
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.8	190.2
115	58.4	51.6	77.4

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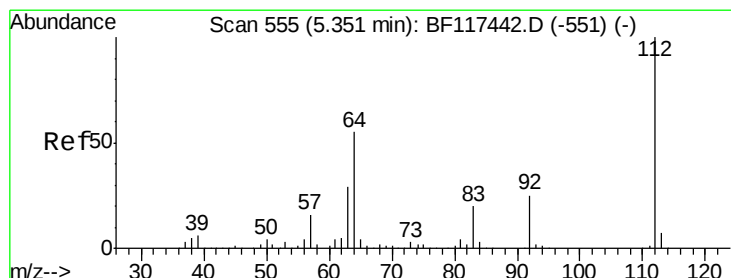
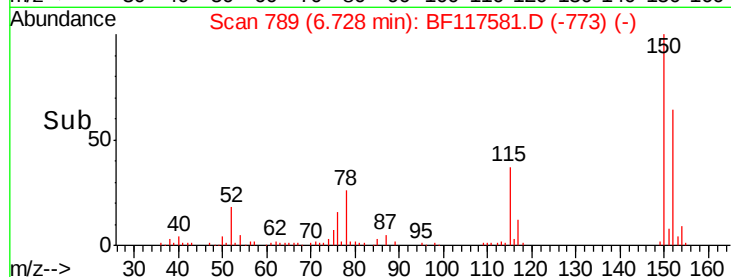
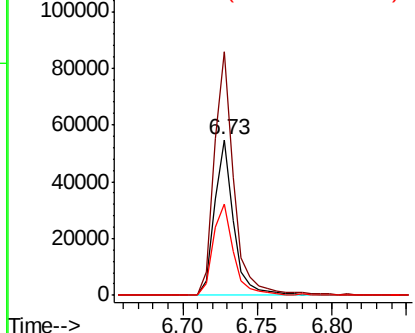


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

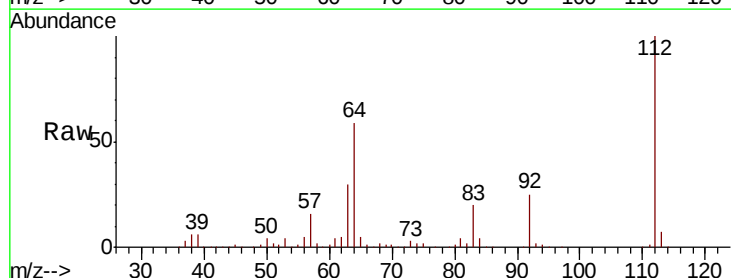
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.669 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	30.2	23.4	35.2

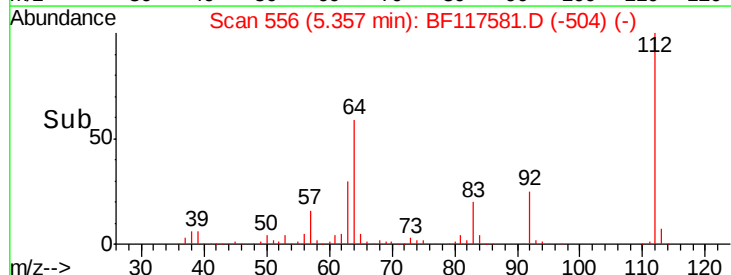
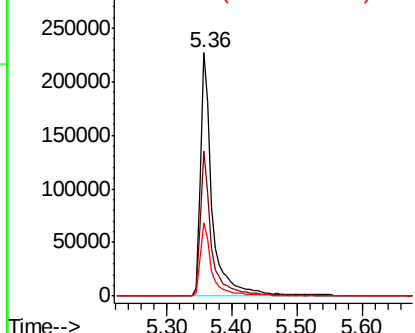


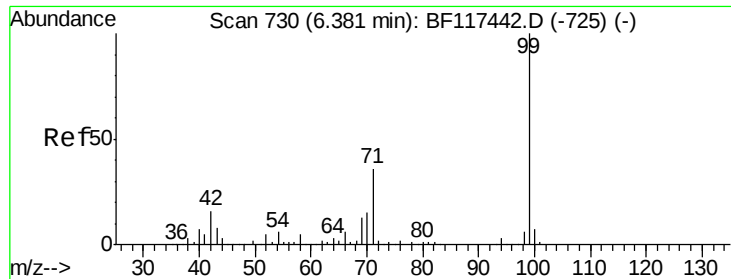
Abundance

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: 86.770 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117581.D

Acq: 29 Oct 2019 10:57

Instrument :

BNA_F

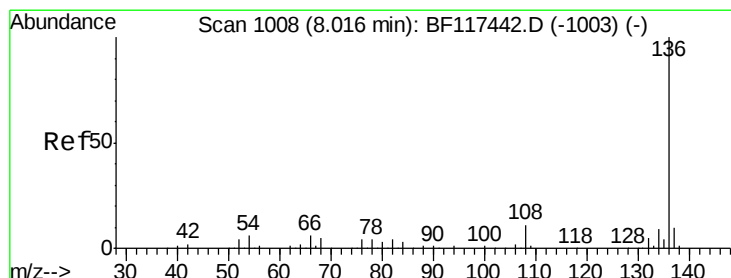
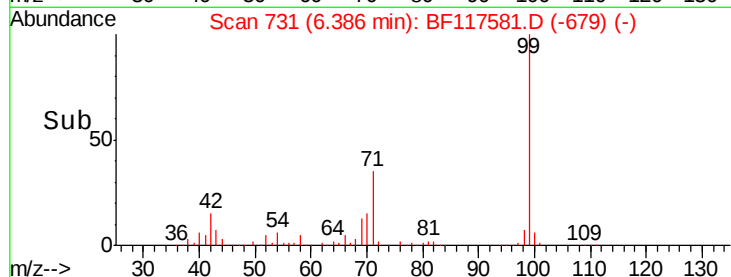
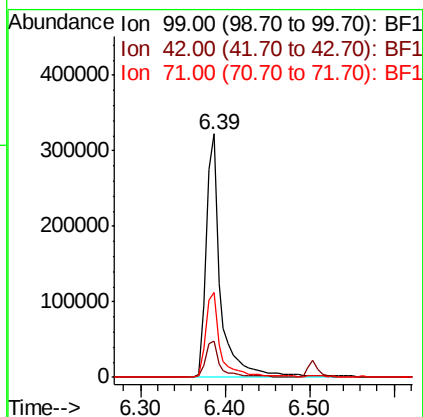
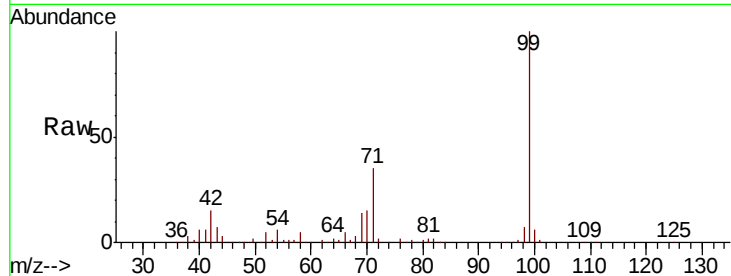
ClientSampleId :

TP-2

Tot Ion:	99	Resp:	385339
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	34.8	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

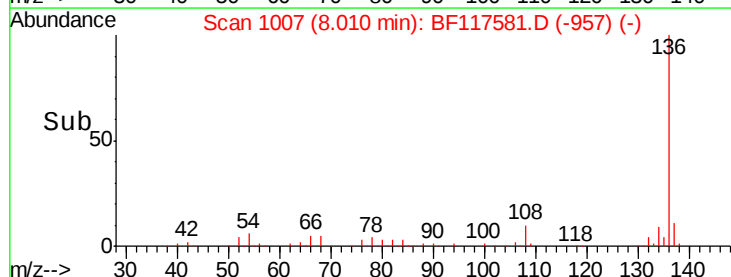
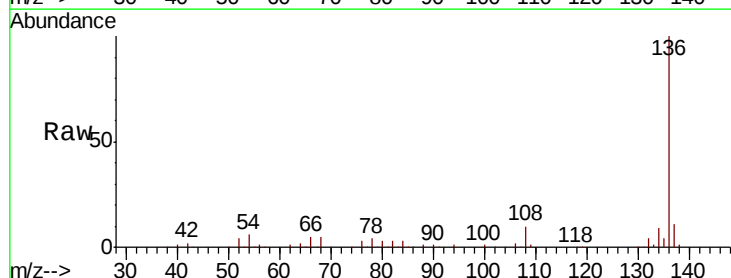
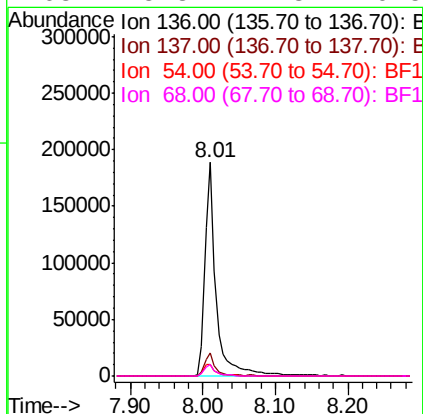
RT: 8.01 min Scan# 1007

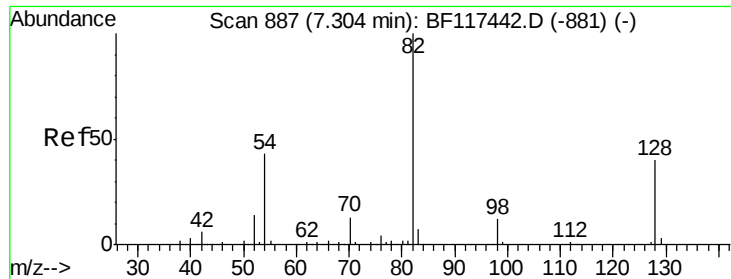
Delta R.T. -0.01 min

Lab File: BF117581.D

Acq: 29 Oct 2019 10:57

Tgt Ion:	136	Resp:	204865
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.6	4.5	6.7
68	5.3	4.3	6.5





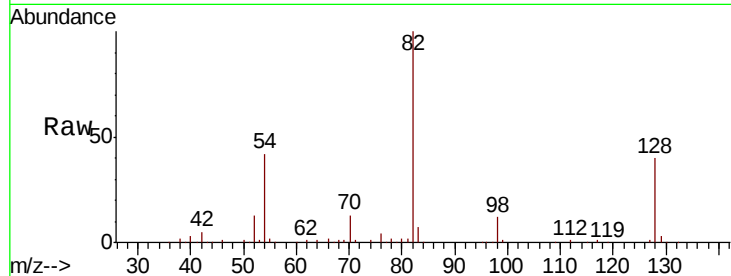
#23
 Nitrobenzene-d5
 Concen: 58.498 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	242752		
128	40.0		32.2	48.2
54	42.0		34.2	51.2

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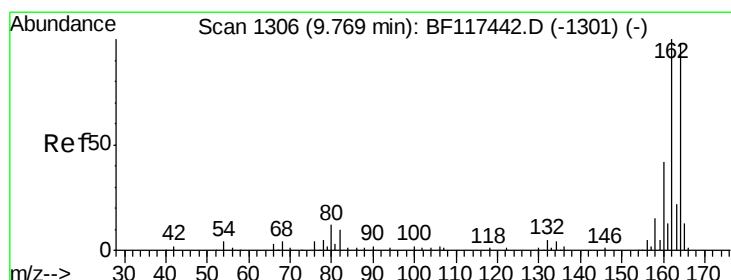
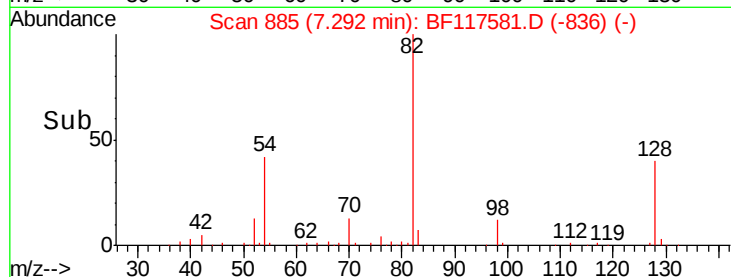
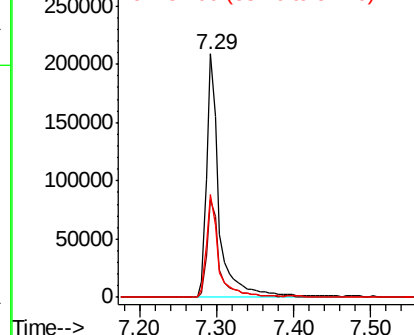


Abundance

Ion 82.00 (81.70 to 82.70): BF1

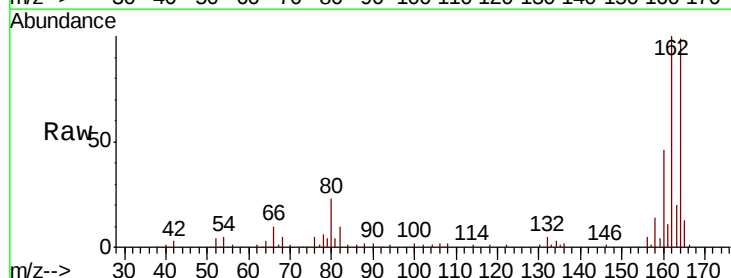
Ion 128.00 (127.70 to 128.70): BF1

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: BF117581.D
 Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94522		
162	100.5		81.8	122.6
160	45.9		34.4	51.6

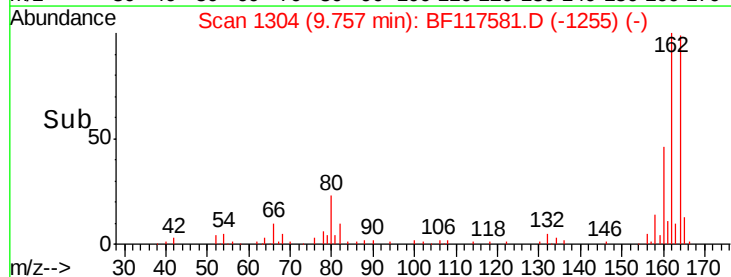
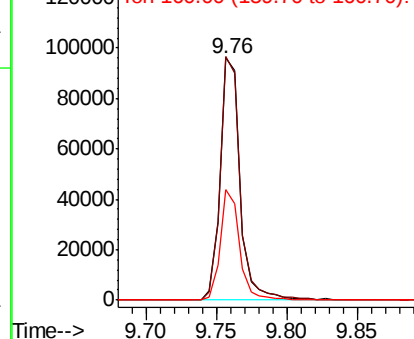


Abundance

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





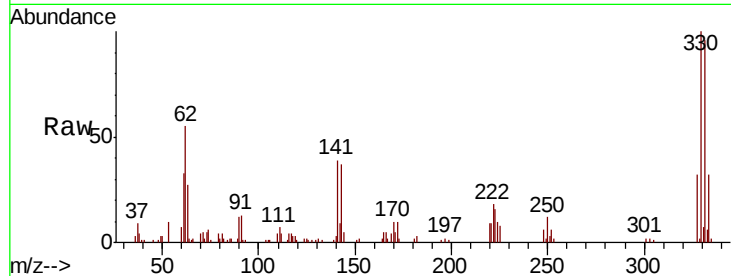
#42
 2,4,6-Tribromophenol
 Concen: 66.040 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	44.8	37.0	55.6

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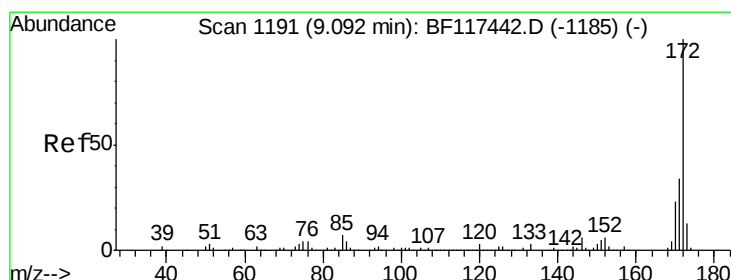
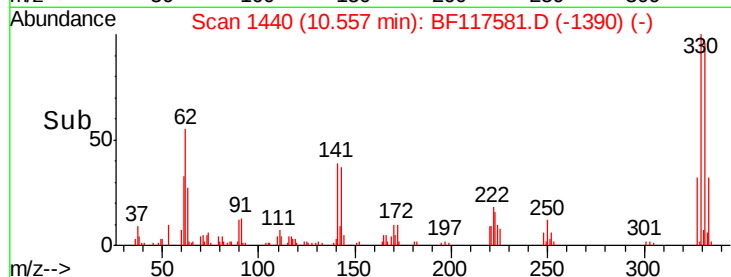
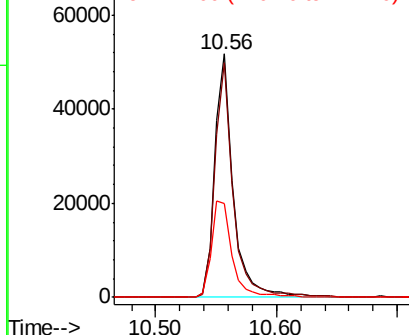


Abundance

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: 46.207 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

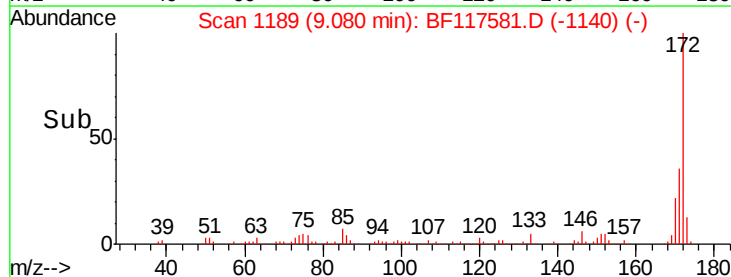
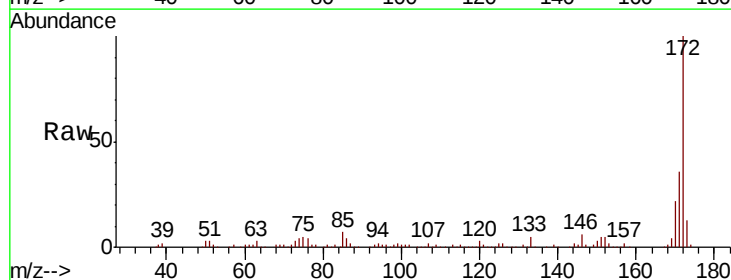
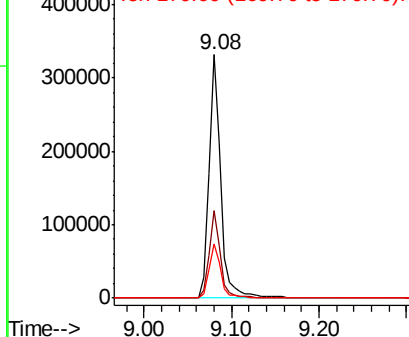
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.5	41.3
170	22.2	18.6	27.8

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





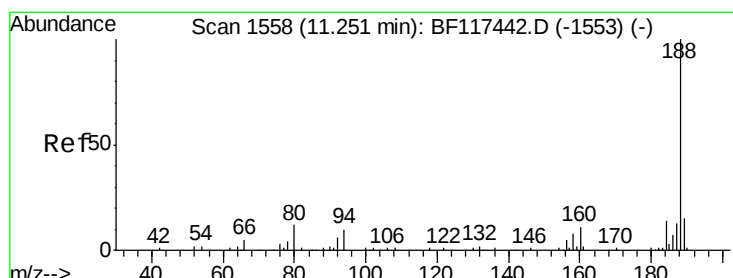
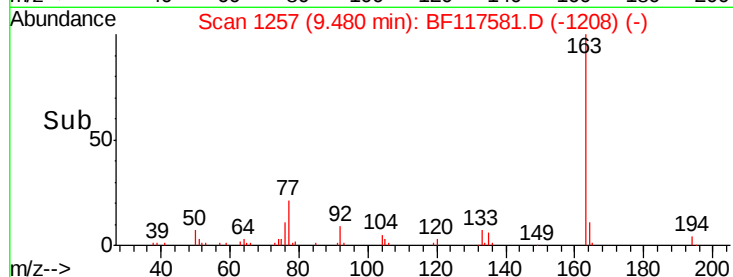
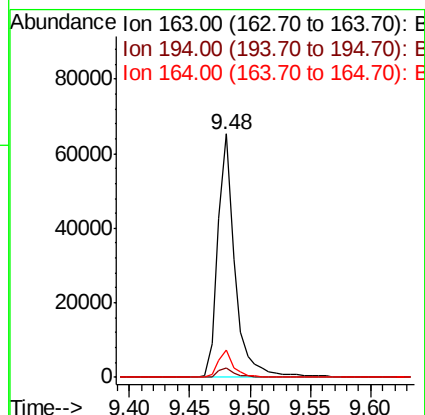
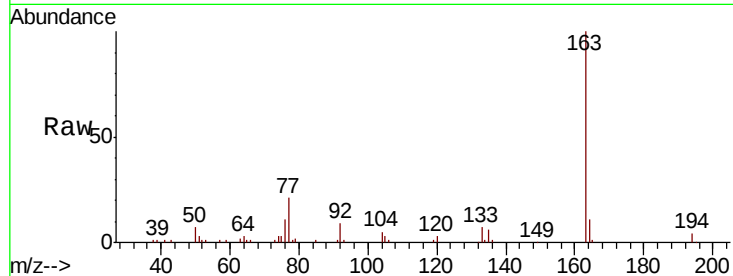
#50
Dimethylphthalate
Concen: 9.405 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	163	Resp:	63373
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.9	4.3
164	11.3	8.2	12.2

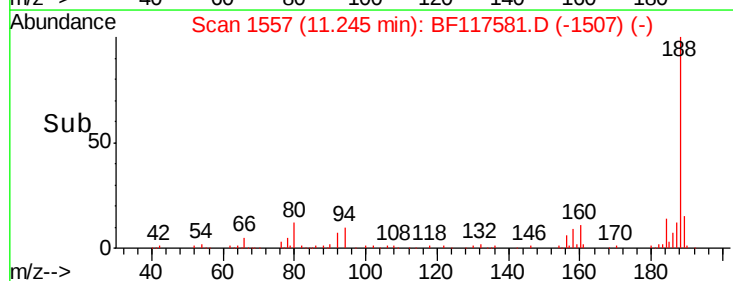
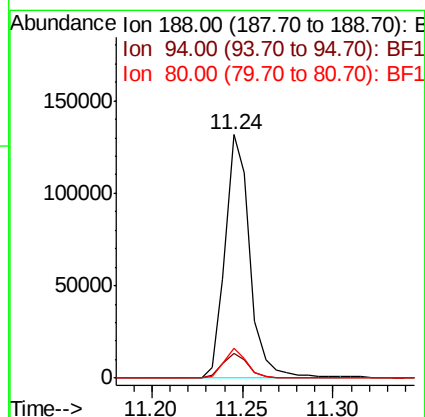
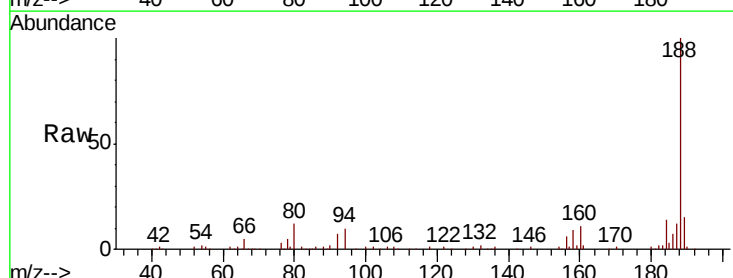
Manual Integrations
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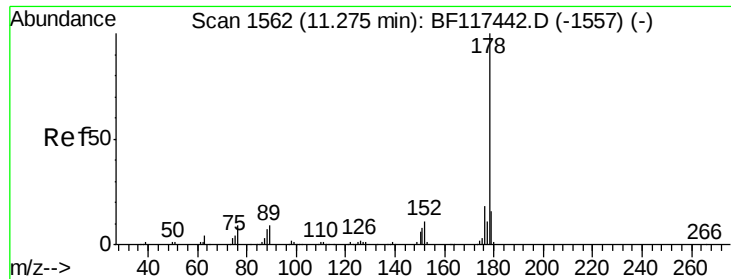
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Tgt Ion:	188	Resp:	125721
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.0	12.0
80	12.2	9.5	14.3





#71

Phenanthrene

Concen: 10.310 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF117581.D

Acq: 29 Oct 2019 10:57

Instrument :

BNA_F

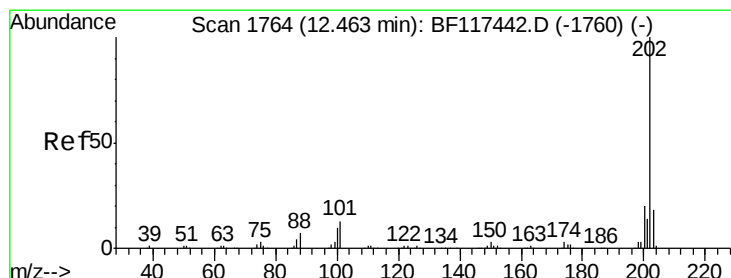
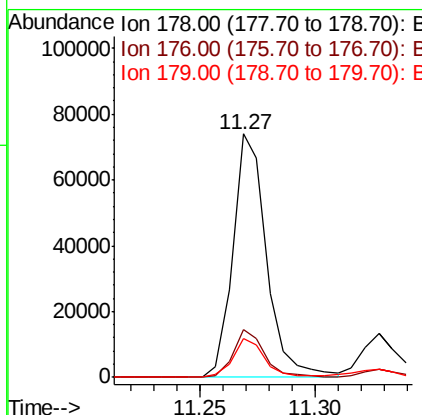
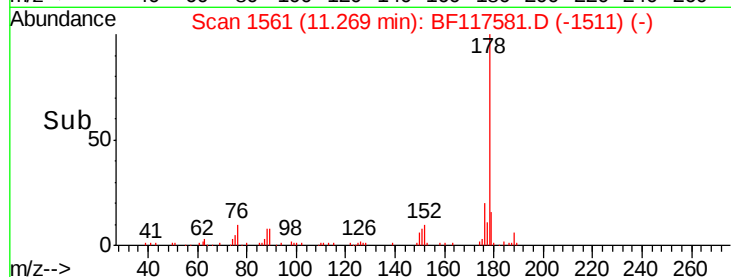
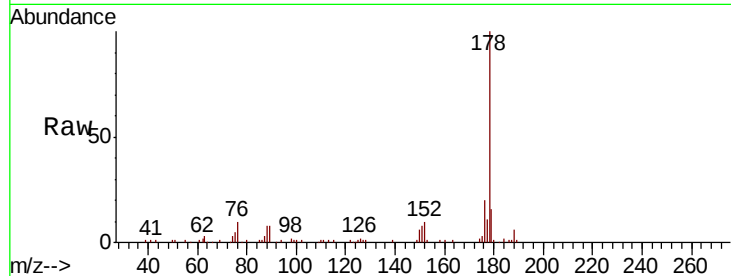
ClientSampled :

TP-2

Tot Ion:	178	Resp:	75268
Ion Ratio	Lower	Upper	
178	100		
176	19.6	14.6	22.0
179	16.0	12.6	19.0

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#75

Fluoranthene

Concen: 13.357 ng

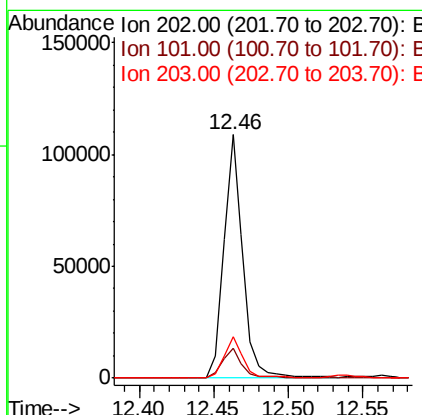
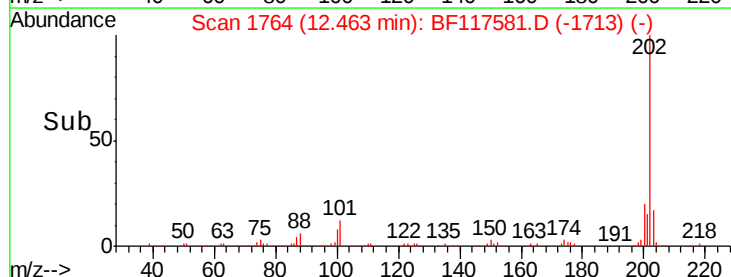
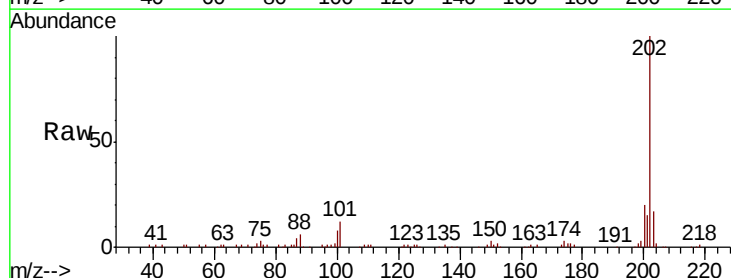
RT: 12.46 min Scan# 1764

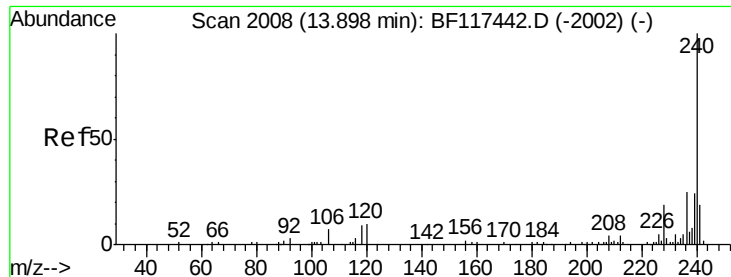
Delta R.T. -0.00 min

Lab File: BF117581.D

Acq: 29 Oct 2019 10:57

Tgt Ion:	202	Resp:	97611
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.7
203	17.1	0.0	37.6





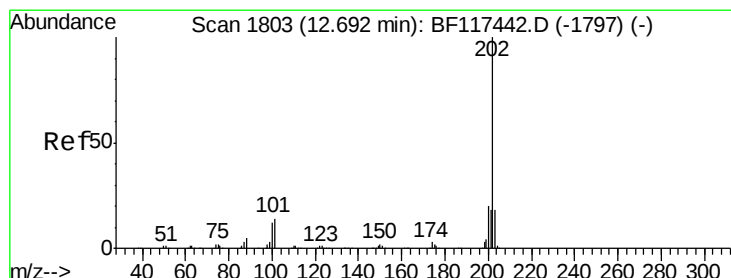
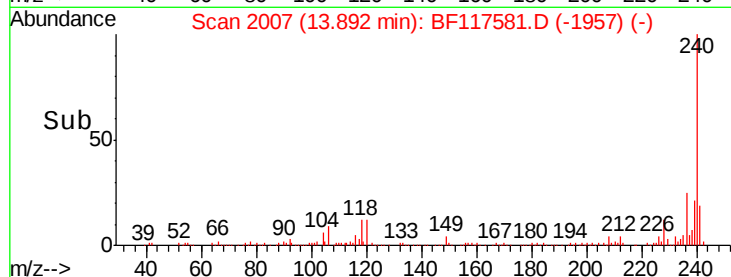
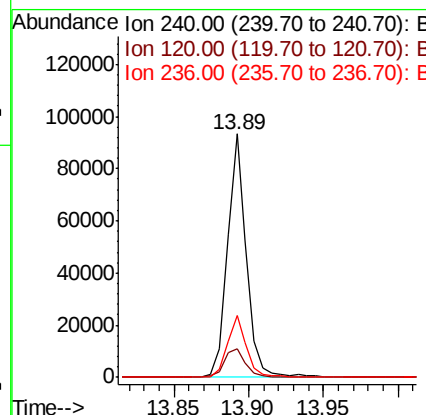
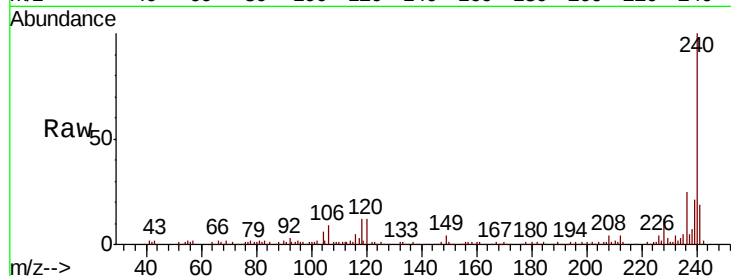
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.4	12.6
236	25.4	20.0	30.0

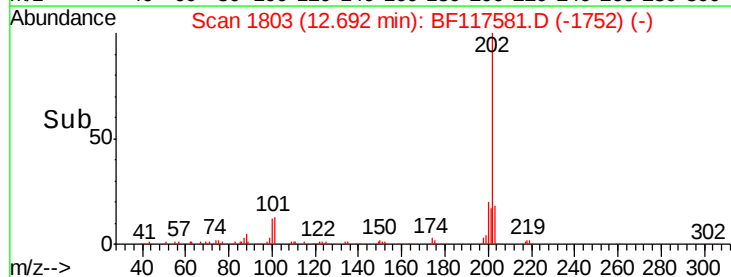
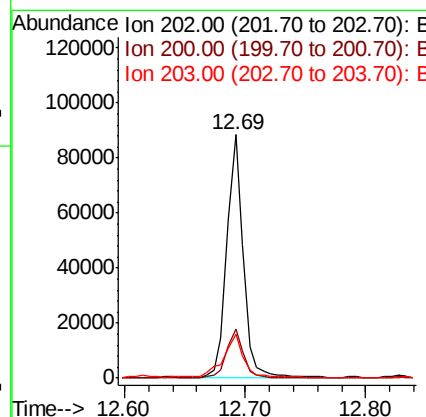
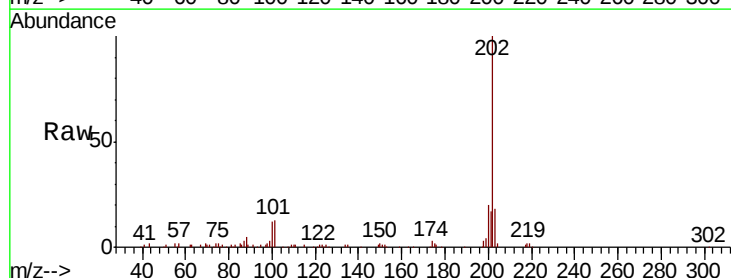
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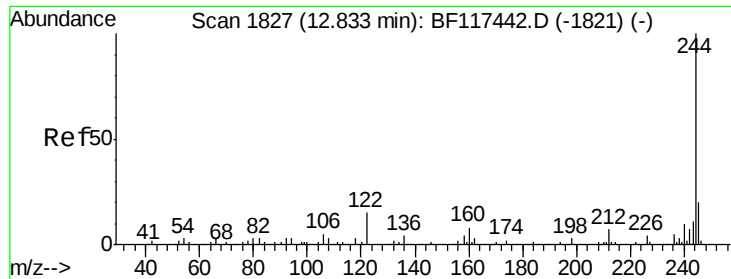
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#78
Pyrene
Concen: 11.749 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.2	14.0	21.0





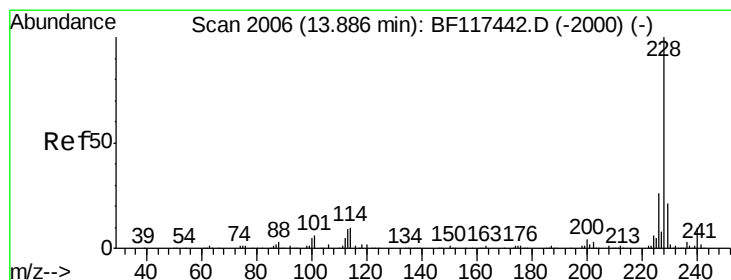
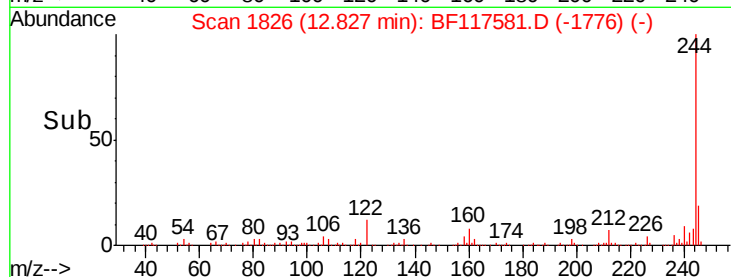
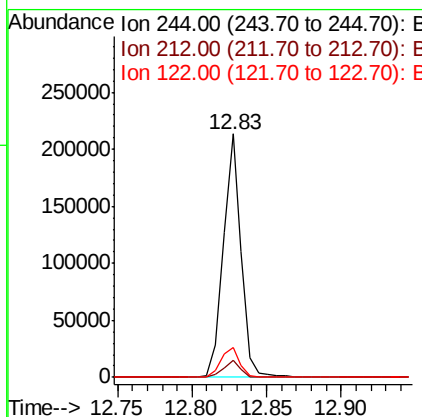
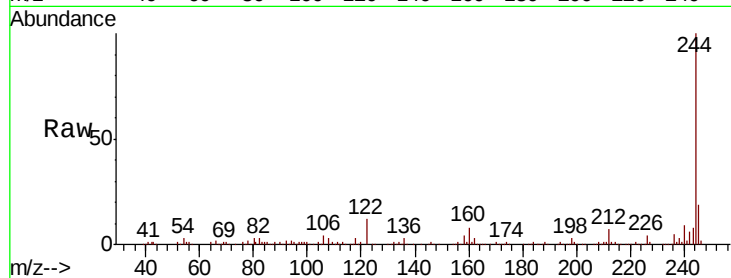
#79
 Terphenyl-d14
 Concen: 35.274 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.3	11.8	17.8

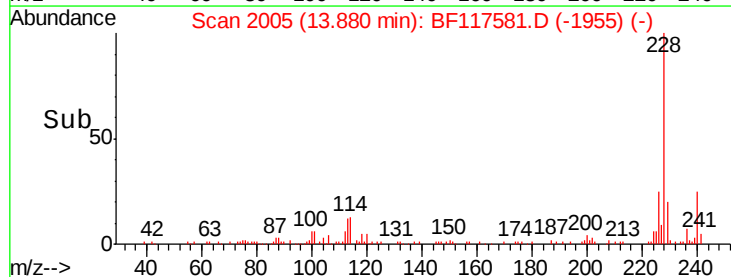
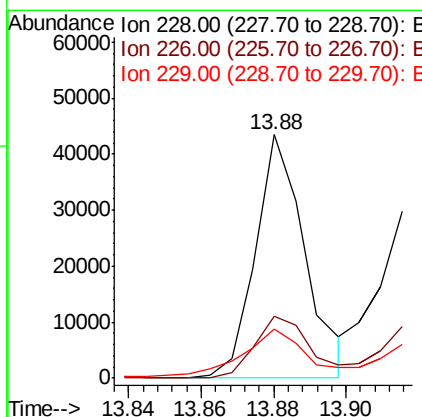
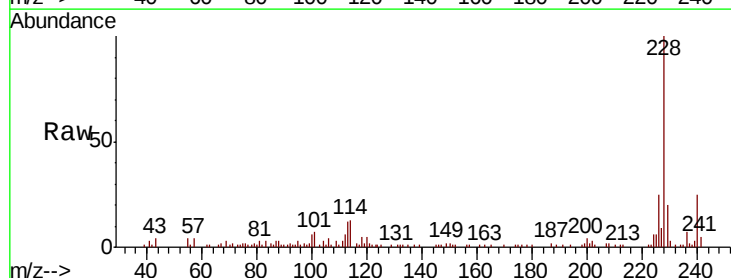
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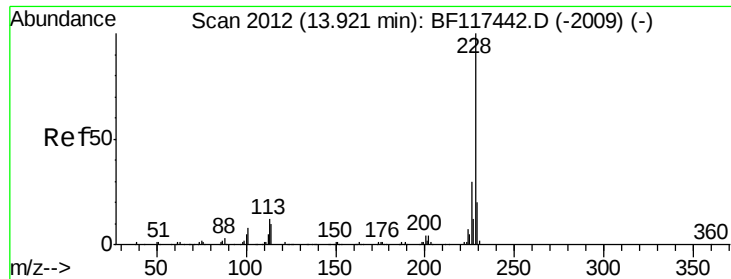
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#81
 Benzo(a)anthracene
 Concen: 7.346 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.0	31.4
229	20.3	16.4	24.6





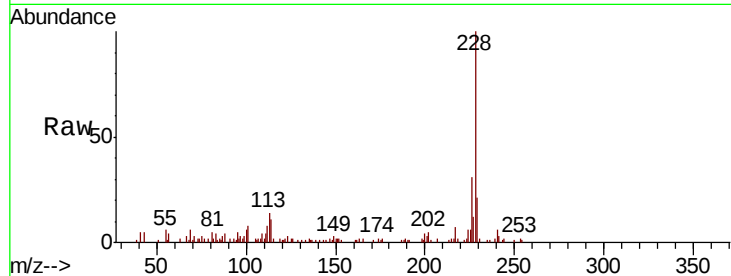
#83
Chrysene
Concen: 6.914 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	20.6	15.8	23.6

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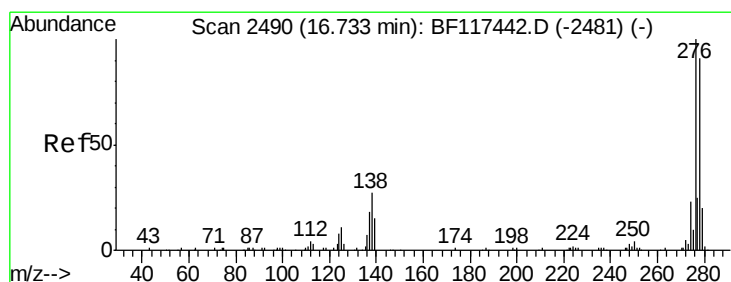
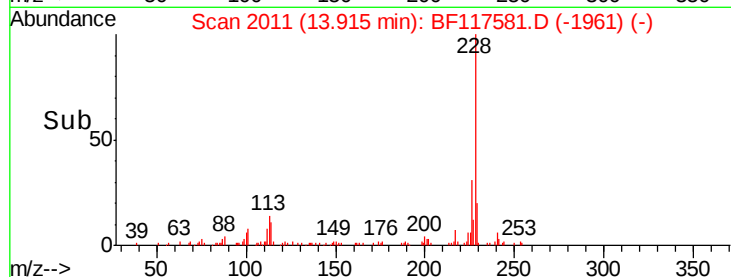
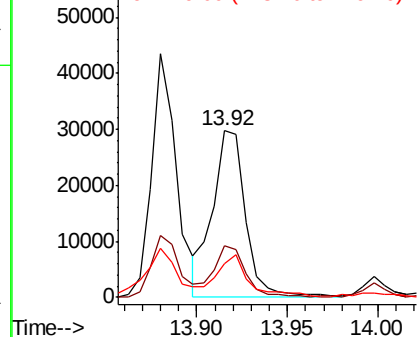


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.580 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

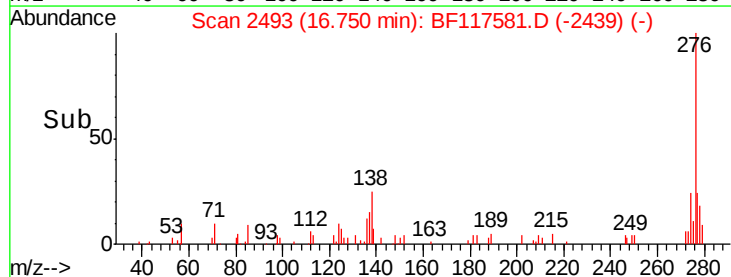
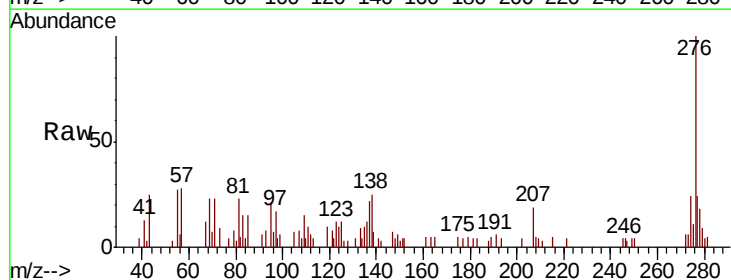
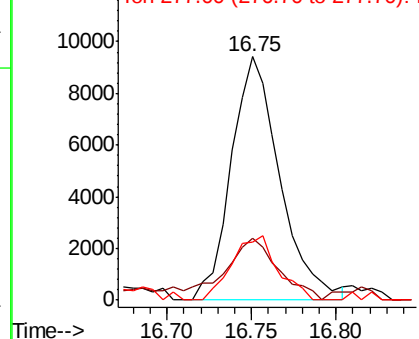
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.8
277	24.7	20.0	30.0

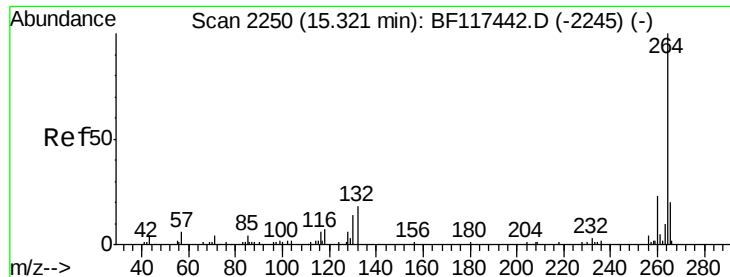
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





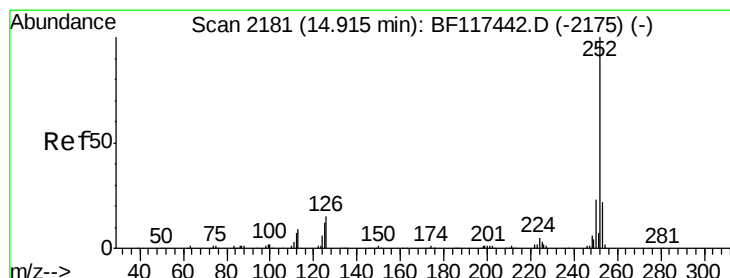
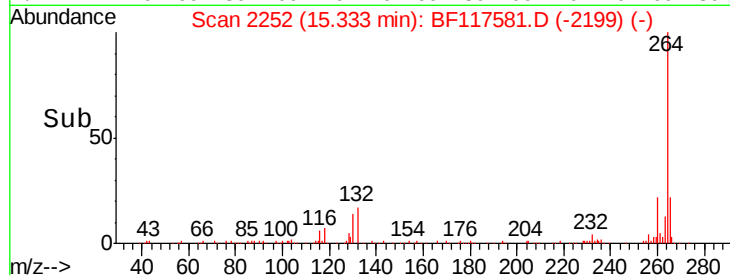
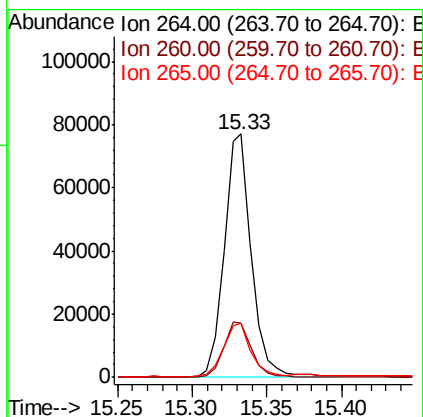
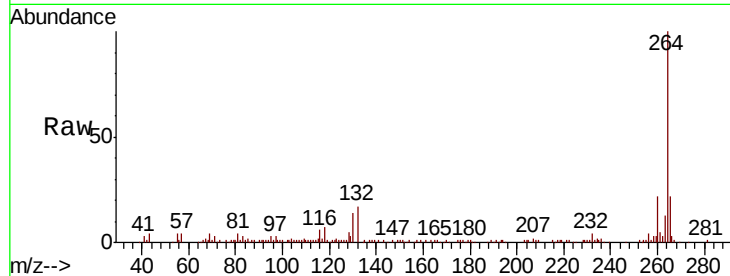
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	22.0	16.1	24.1

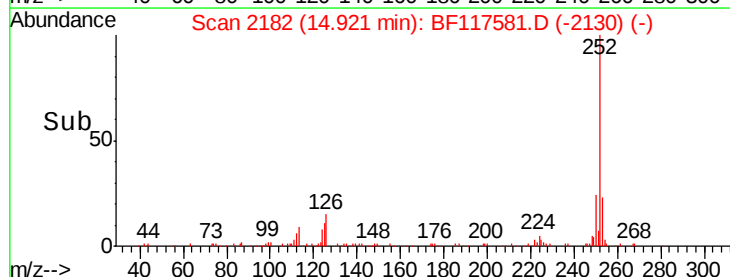
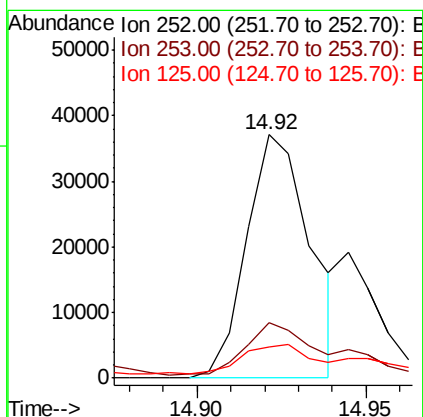
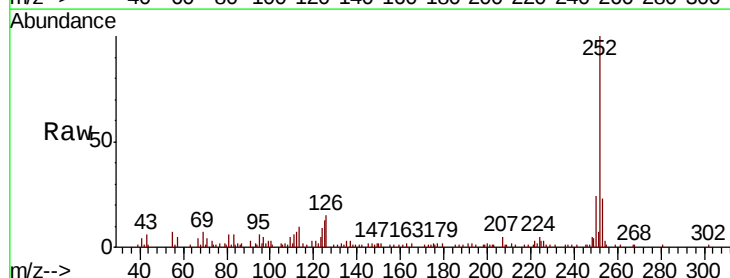
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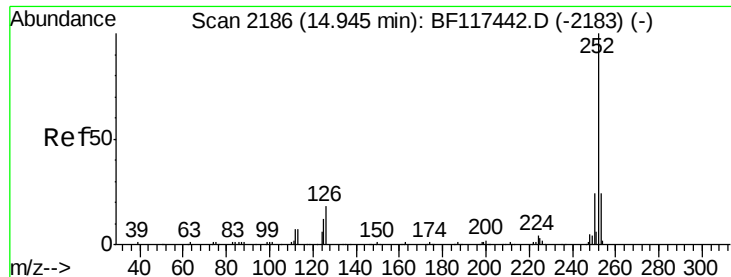
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#88
 Benzo(b)fluoranthene
 Concen: 8.395 ng m
 RT: 14.92 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.9	9.9	14.9





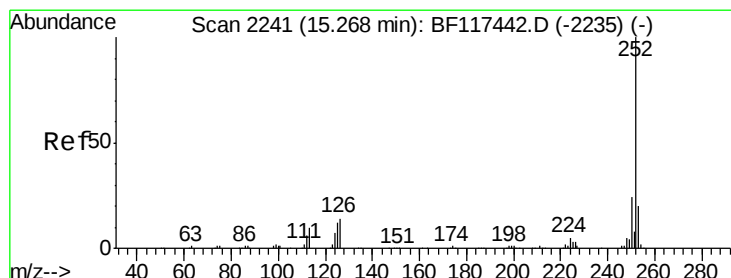
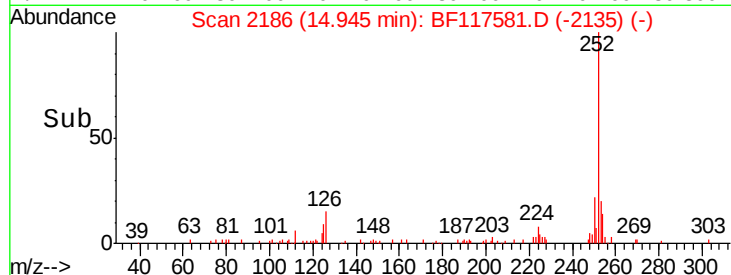
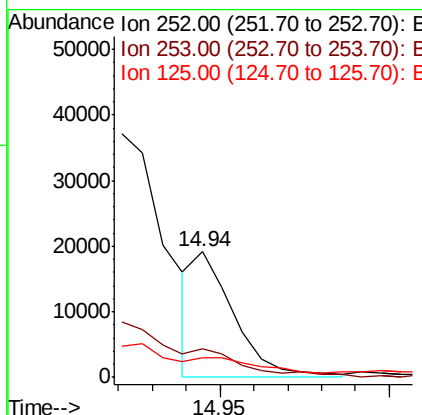
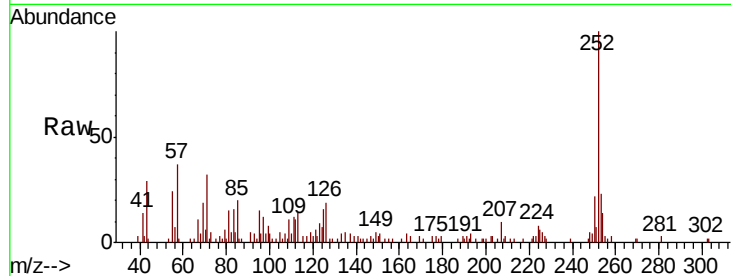
#89
Benzo(k)fluoranthene
Concen: 2.700 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	16.0	8.9	13.3

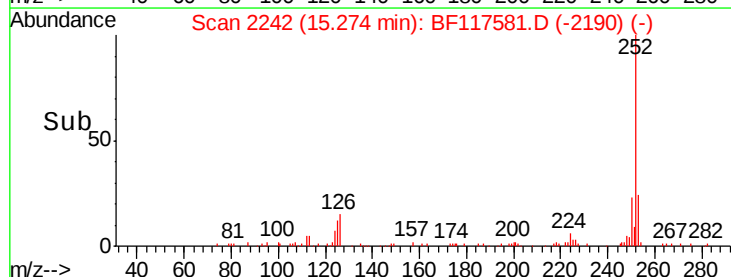
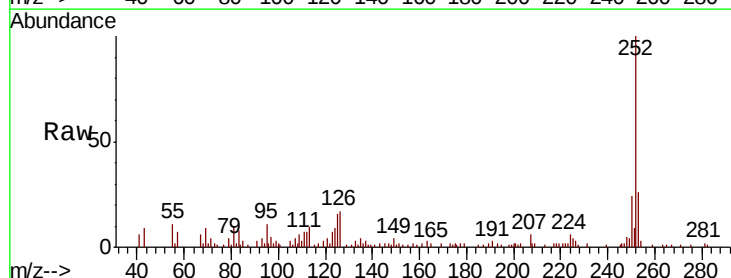
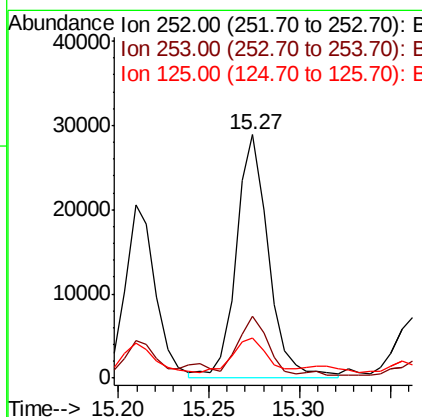
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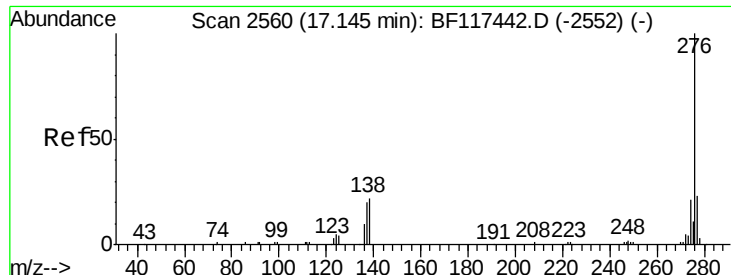
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#90
Benzo(a)pyrene
Concen: 6.772 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117581.D
Acq: 29 Oct 2019 10:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.3	24.5
125	16.4	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.752 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF117581.D
 Acq: 29 Oct 2019 10:57

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.4	27.6
138	35.5	17.8	26.6

Manual Integrations
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