

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117567.D
 Acq On : 28 Oct 2019 17:52
 Operator : JU
 Sample : K5501-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 184-98-(0-2.2)

Manual Integrations
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 10/30/2019 4:51:19 PM

Quant Time: Oct 29 17:34:37 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39787	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	158961	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79250	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	120866	20.00	ng	0.00
76) Chrysene-d12	13.89	240	68549	20.00	ng	0.00
87) Perylene-d12	15.32	264	77311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	204995	76.65	ng	0.00
7) Phenol-d6	6.38	99	286522	79.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	174567	54.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	48500	70.73	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	304201	54.08	ng	-0.01
79) Terphenyl-d14	12.83	244	218660	52.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	50373	8.916	ng	98
71) Phenanthrene	11.27	178	15957	2.274	ng	99
75) Fluoranthene	12.46	202	29591	4.212	ng	98
78) Pyrene	12.69	202	25052	4.255	ng	97
81) Benzo(a)anthracene	13.88	228	10720	2.318	ng	97
83) Chrysene	13.92	228	11136	2.457	ng	97
88) Benzo(b)fluoranthene	14.92	252	13897m	3.044	ng	
90) Benzo(a)pyrene	15.27	252	8820	2.125	ng	# 92

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

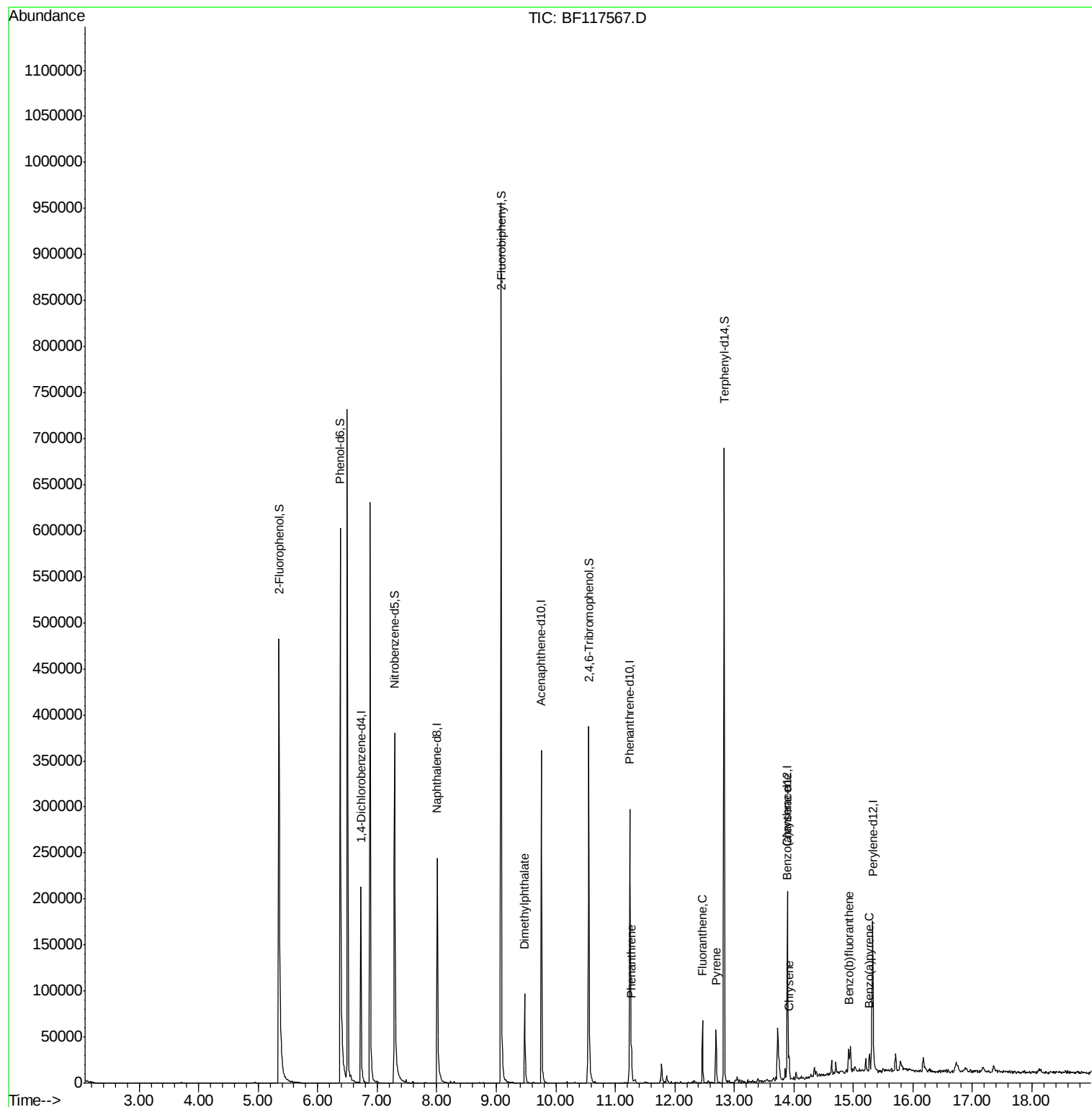
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117567.D
Acq On : 28 Oct 2019 17:52
Operator : JU
Sample : K5501-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

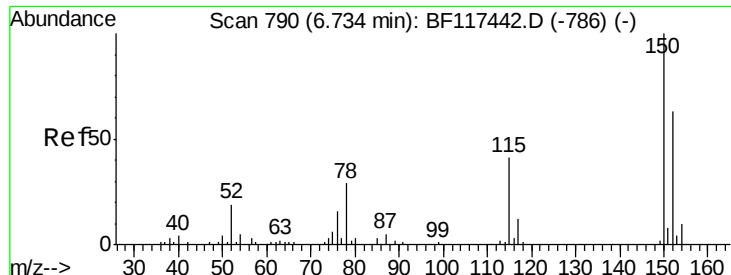
Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

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Quant Time: Oct 29 17:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

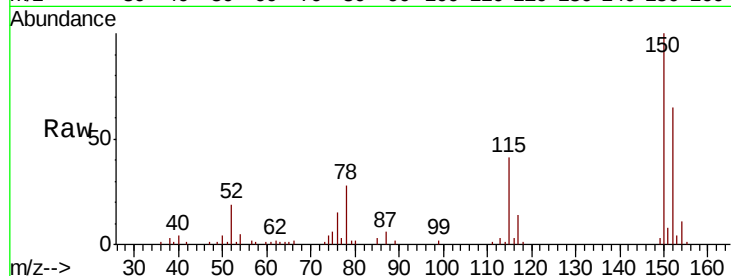
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.8	190.2
115	62.8	51.6	77.4

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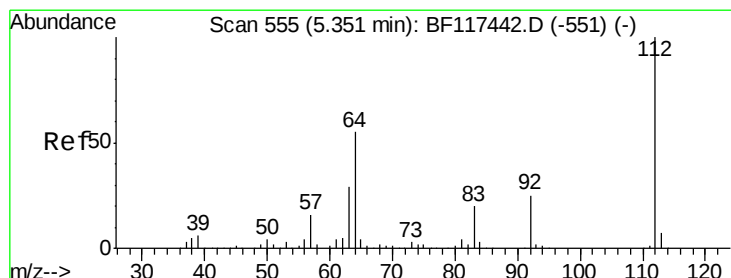
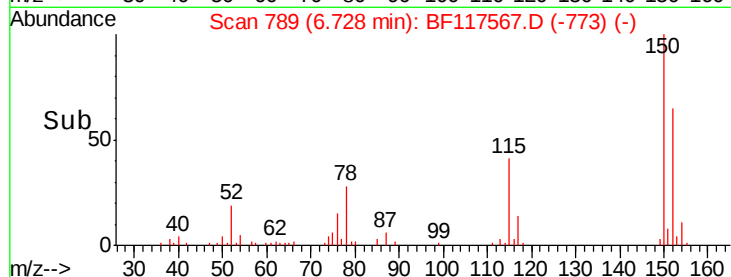
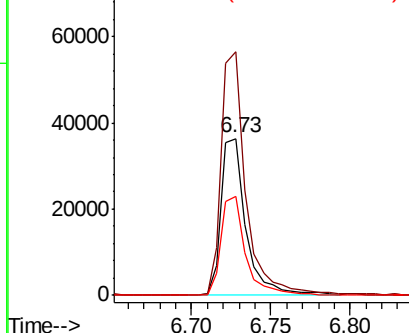


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

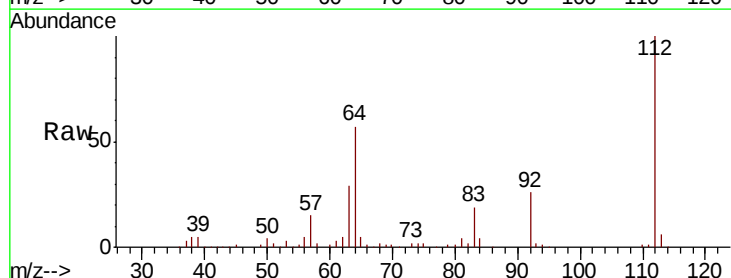
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.651 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	29.2	23.4	35.2

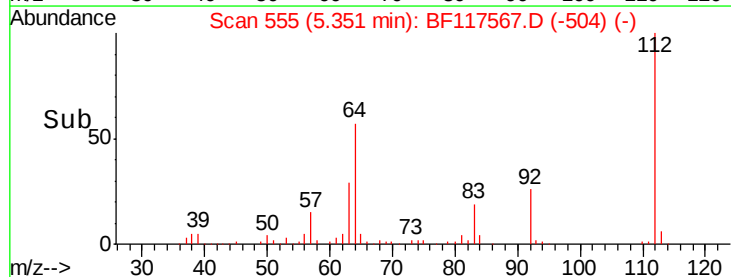
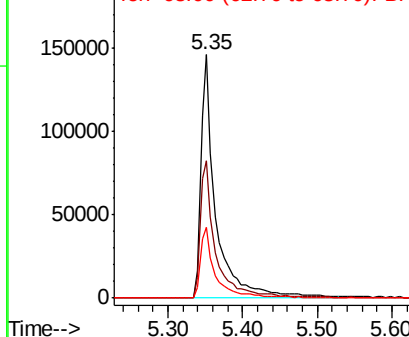


Abundance

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: 79.767 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_F

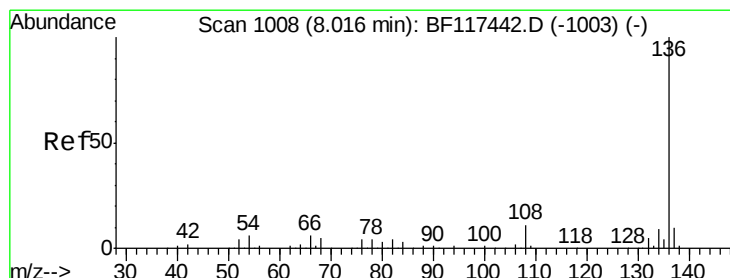
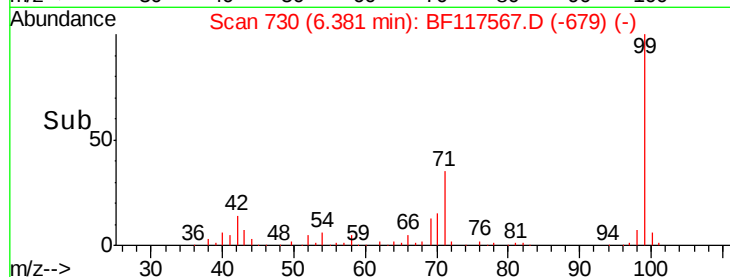
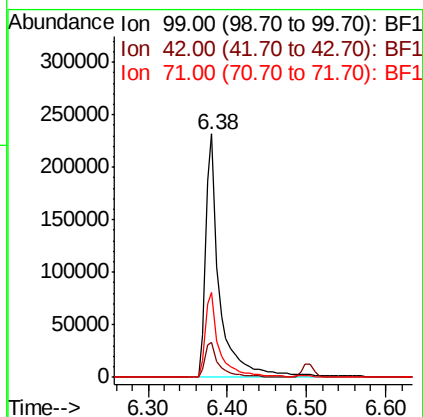
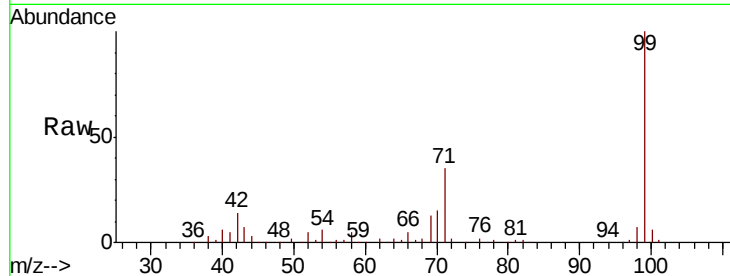
ClientSampleId :

184-98-(0-2.2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		286522		
42	14.4	12.8	19.2		
71	35.0	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

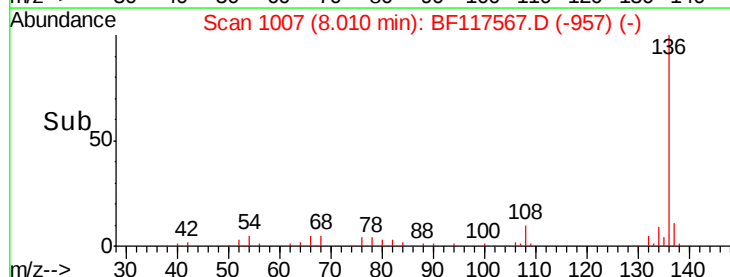
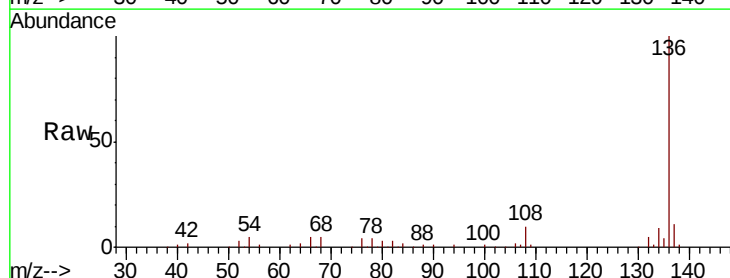
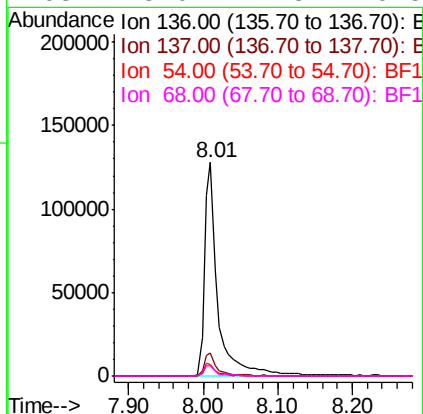
RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		158961		
137	11.0	8.2	12.4		
54	5.4	4.5	6.7		
68	5.0	4.3	6.5		





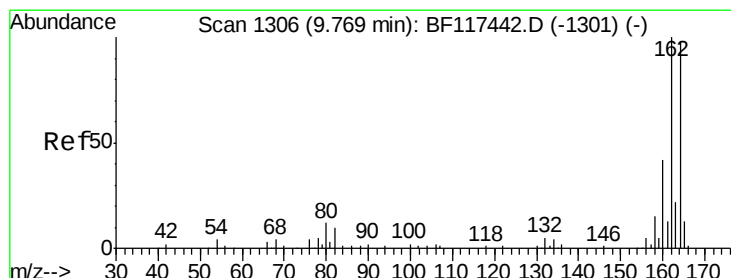
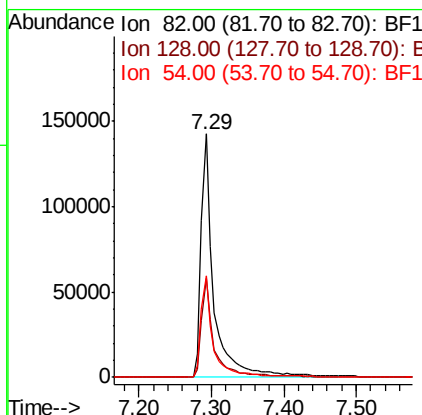
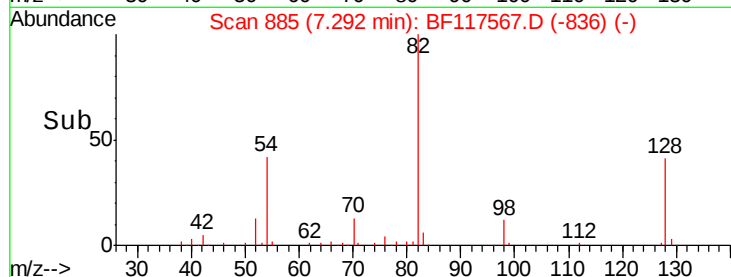
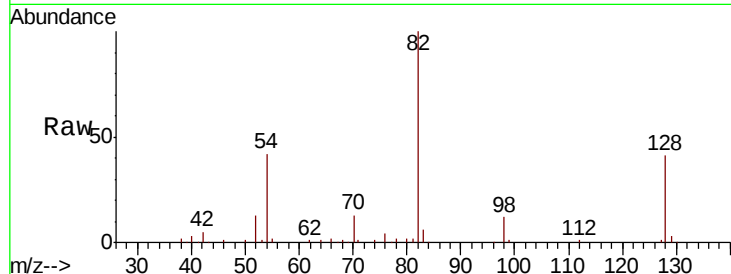
#23
 Nitrobenzene-d5
 Concen: 54.215 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117567.D
 Acq: 28 Oct 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	42.0	34.2	51.2

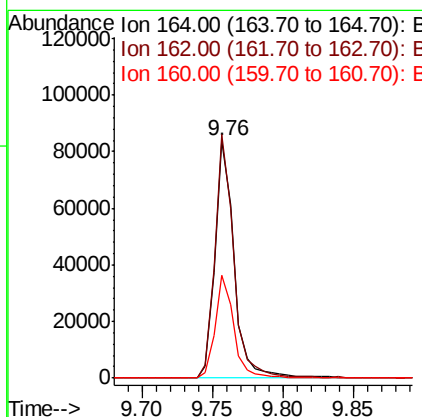
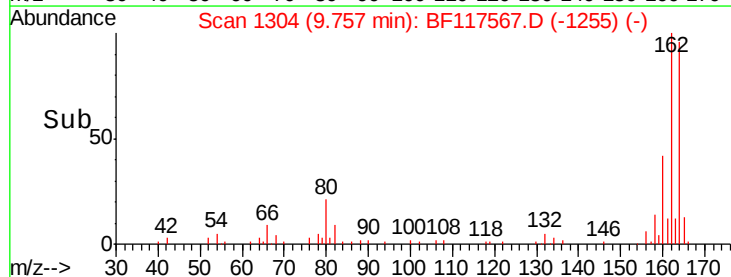
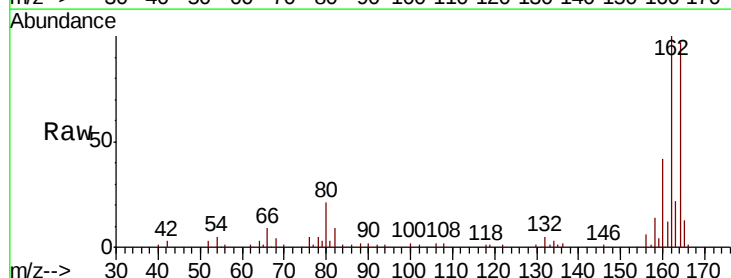
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117567.D
 Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	43.1	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 70.729 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_F

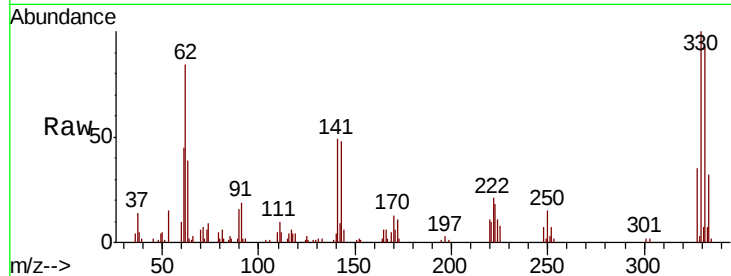
ClientSampleId :

184-98-(0-2.2)

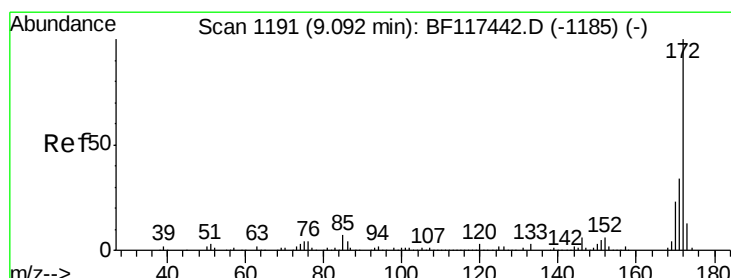
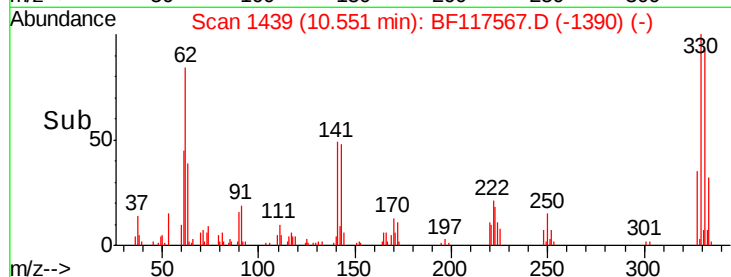
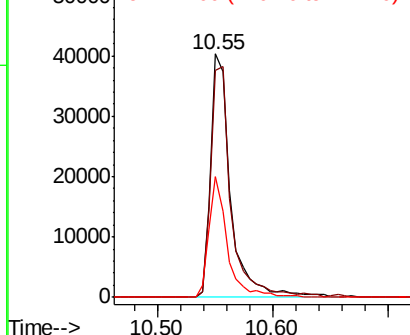
Tot Ion:	330	Resp:	48500
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.5	117.7
141	45.7	37.0	55.6

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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: 54.084 ng

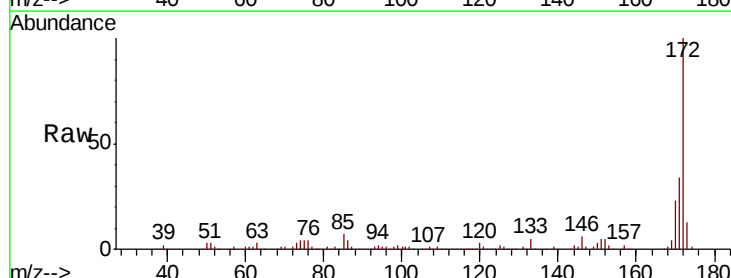
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

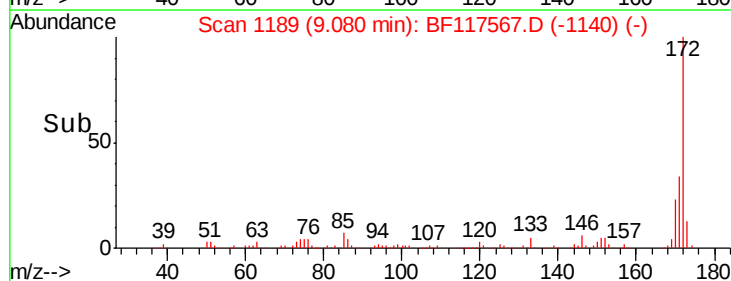
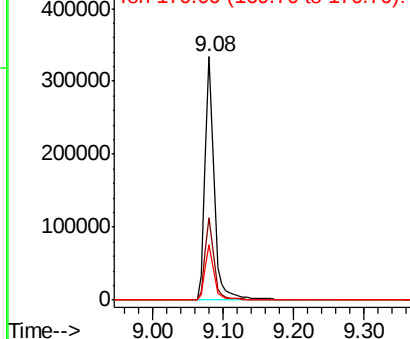
Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Tgt Ion:	172	Resp:	304201
Ion Ratio	Lower	Upper	
172	100		
171	33.6	27.5	41.3
170	22.6	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: 8.916 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_F

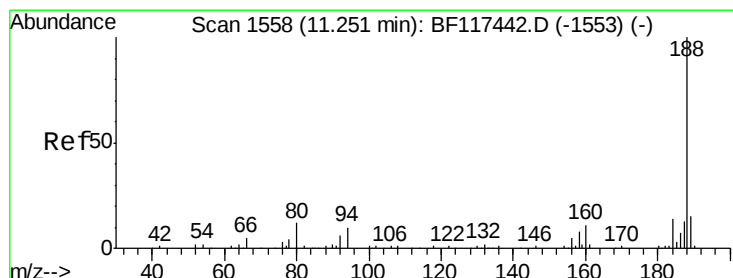
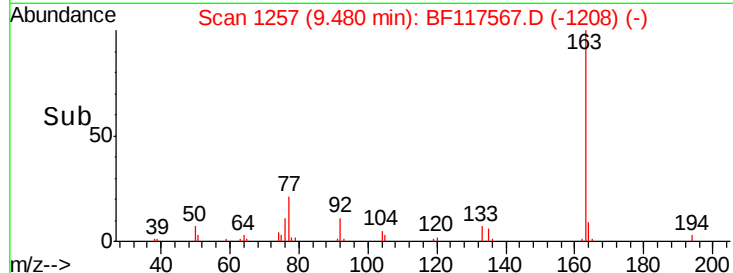
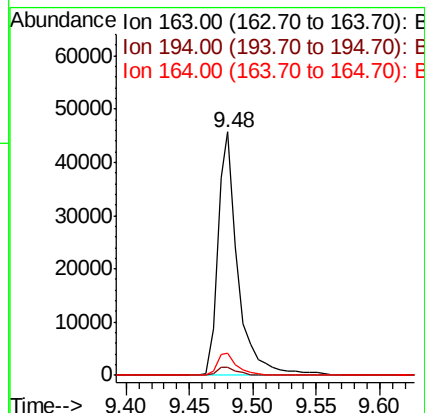
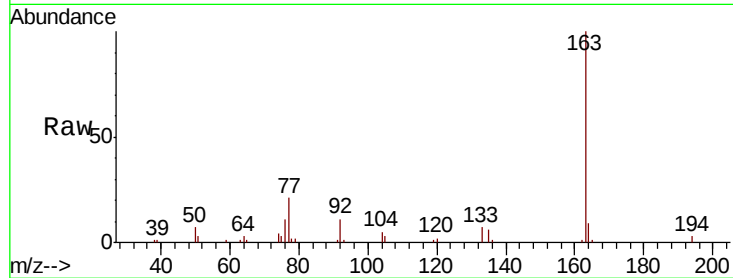
ClientSampleId :

184-98-(0-2.2)

Tot Ion:	163	Resp:	50373
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	9.2	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

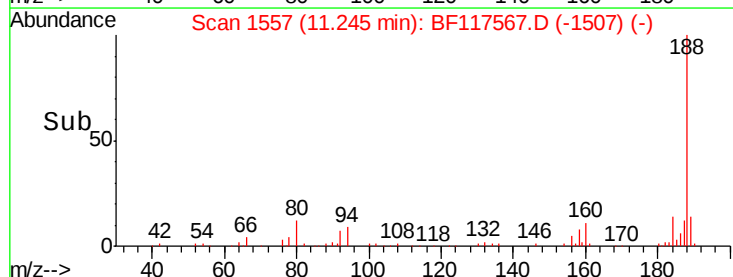
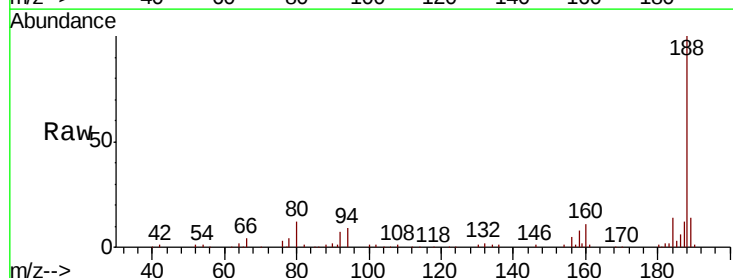
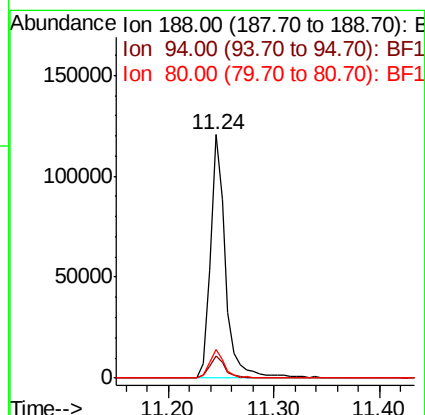
RT: 11.24 min Scan# 1557

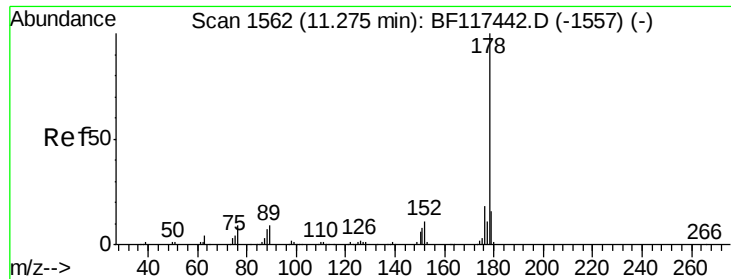
Delta R.T. -0.01 min

Lab File: BF117567.D

Acq: 28 Oct 2019 17:52

Tgt Ion:	188	Resp:	120866
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.0	12.0
80	11.8	9.5	14.3





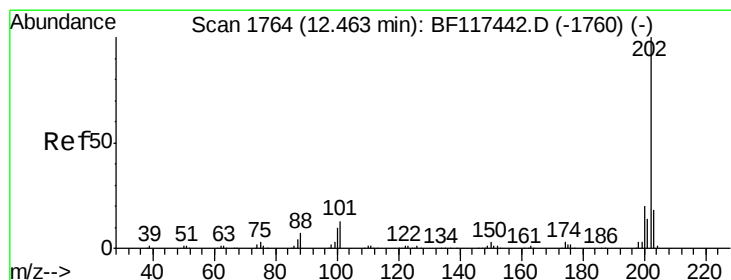
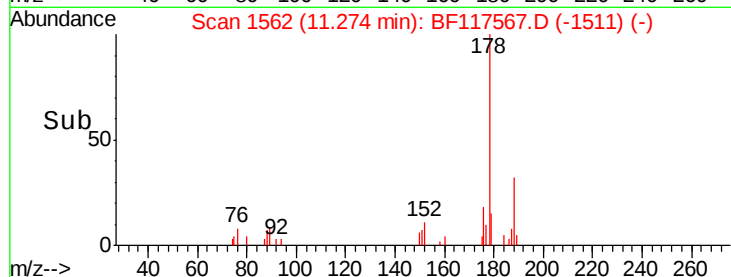
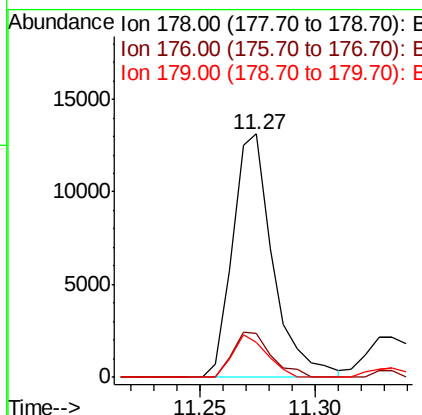
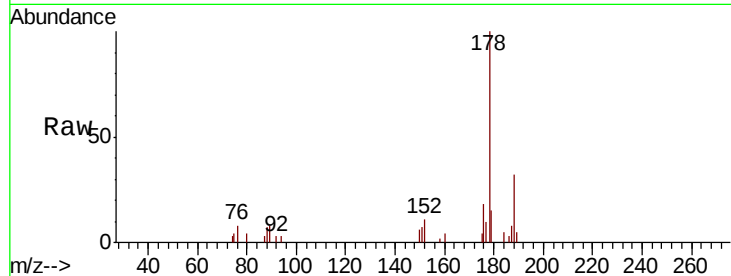
#71
Phenanthrene
Concen: 2.274 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.6	12.6	19.0

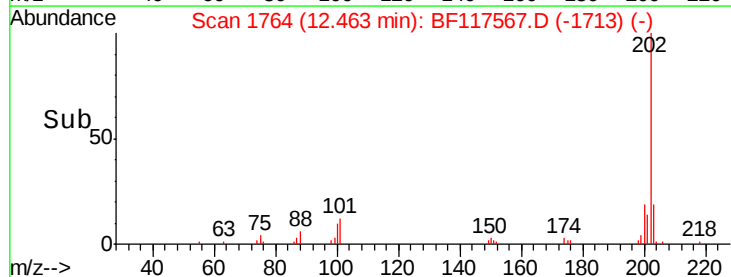
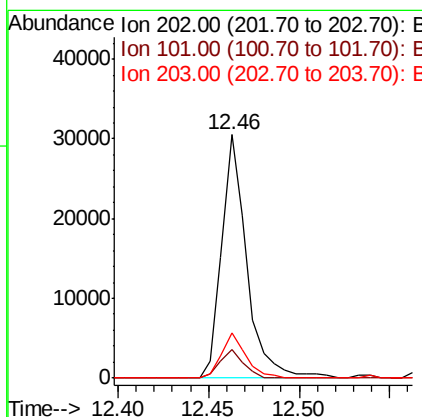
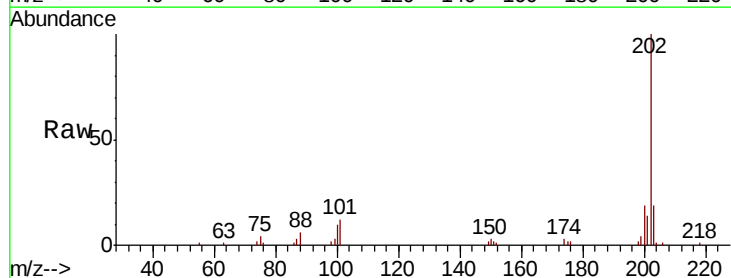
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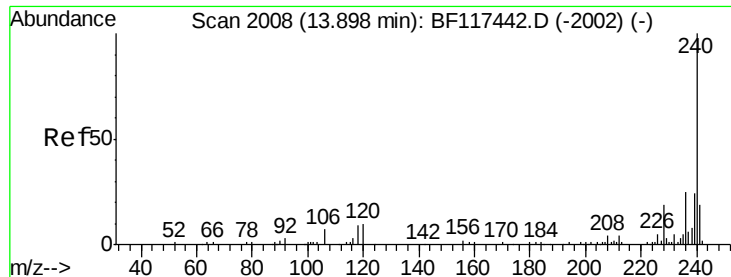
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#75
Fluoranthene
Concen: 4.212 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.7
203	18.6	0.0	37.6





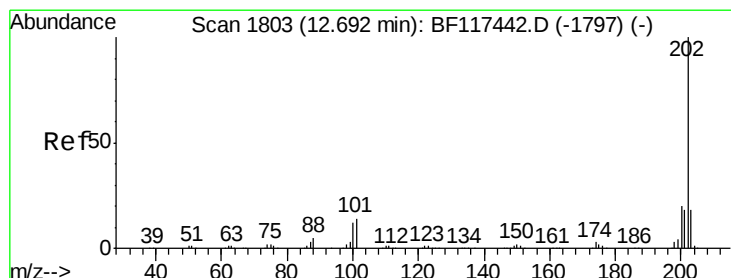
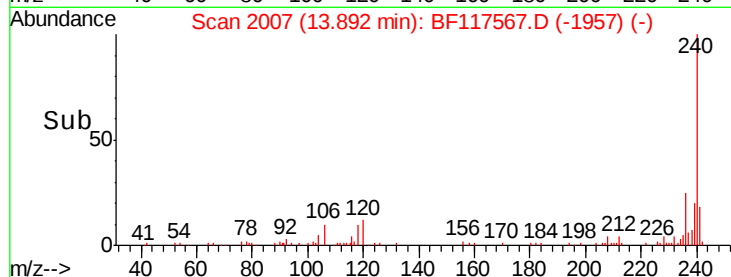
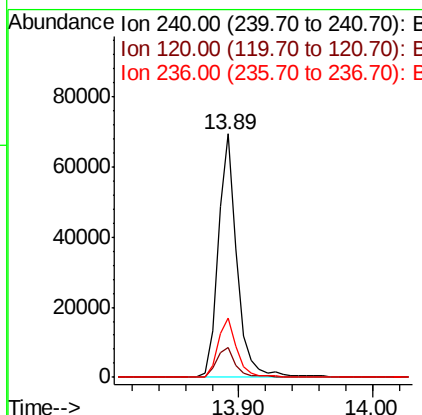
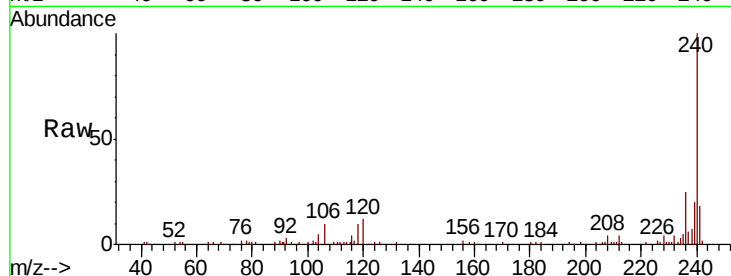
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	24.5	20.0	30.0

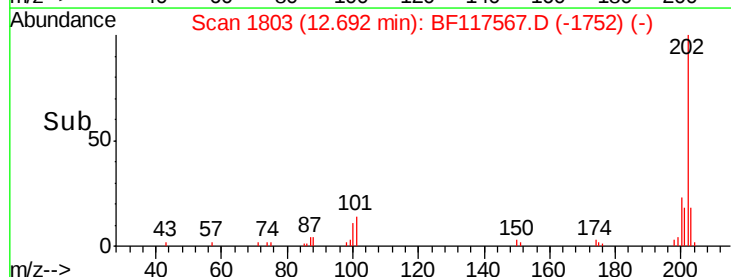
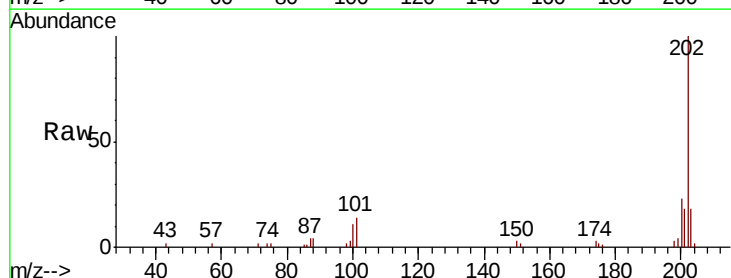
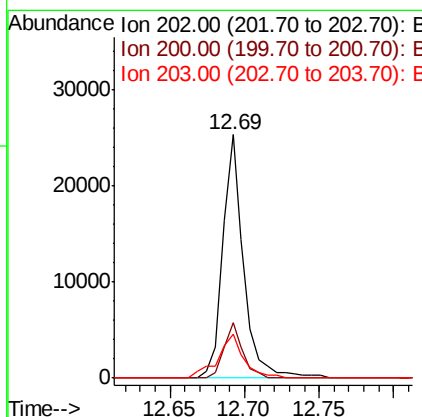
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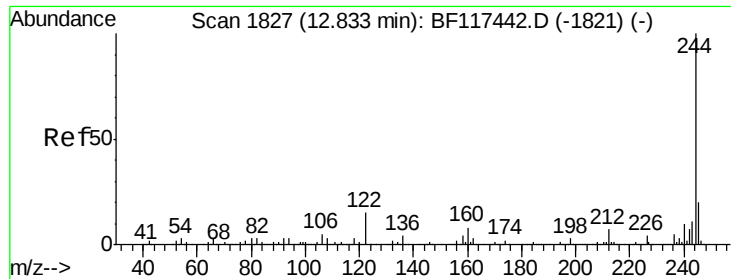
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#78
Pyrene
Concen: 4.255 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.2	24.2
203	18.0	14.0	21.0





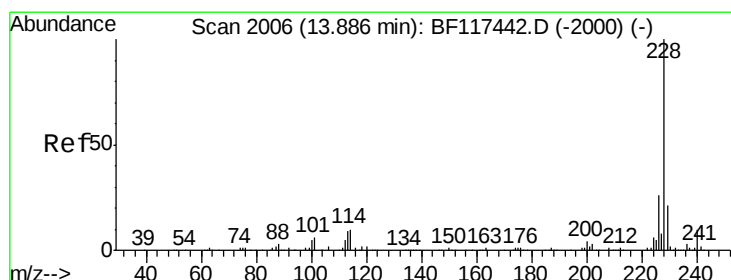
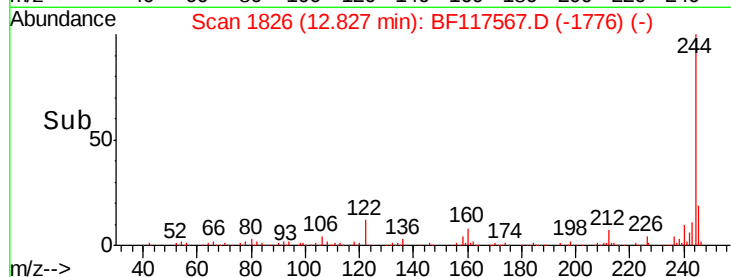
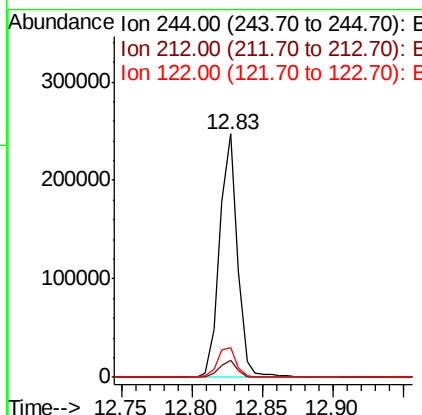
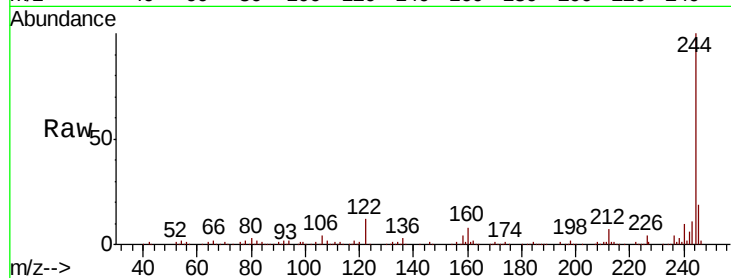
#79
 Terphenyl-d14
 Concen: 52.030 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117567.D
 Acq: 28 Oct 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.2	11.8	17.8

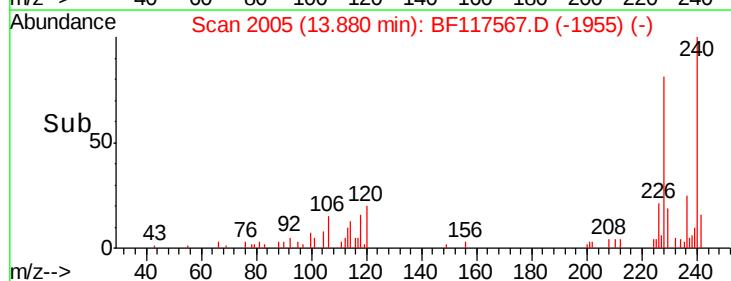
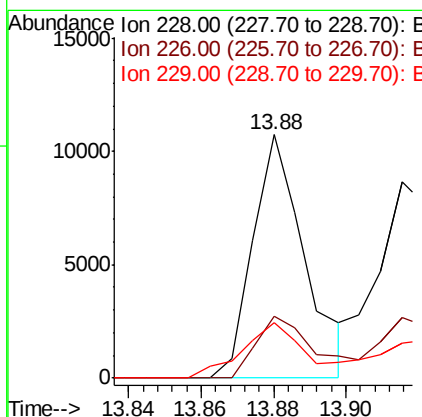
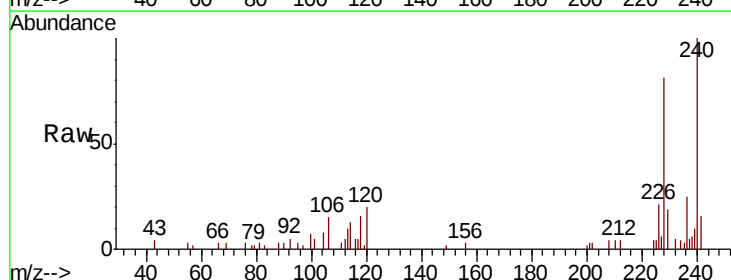
Manual Integrations
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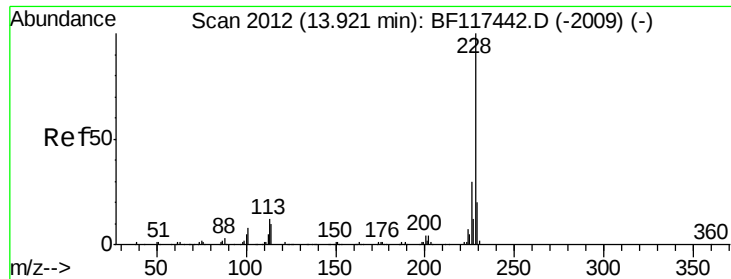
mohammad
 10/30/2019 4:51:19 PM



#81
 Benzo(a)anthracene
 Concen: 2.318 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF117567.D
 Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.0	31.4
229	23.0	16.4	24.6





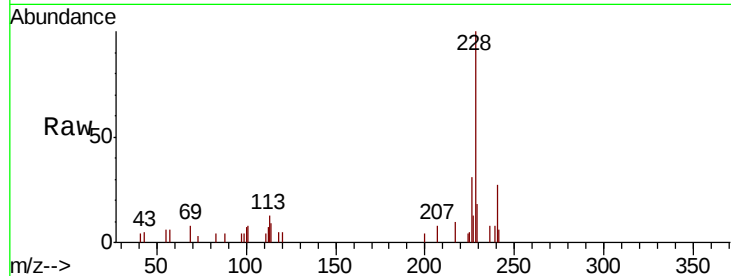
#83
Chrysene
Concen: 2.457 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.9	35.9
229	18.0	15.8	23.6

Manual Integrations
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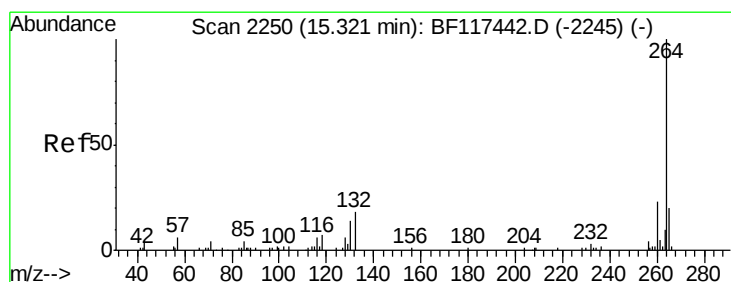
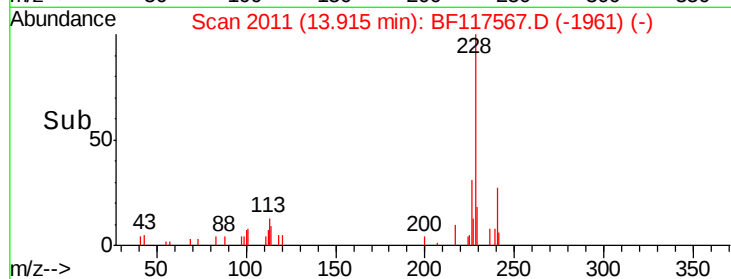
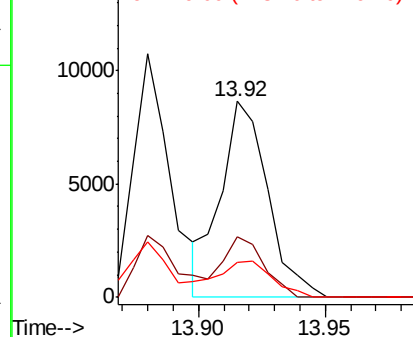


Abundance

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



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

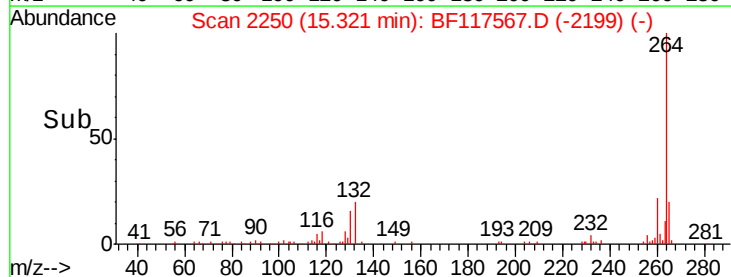
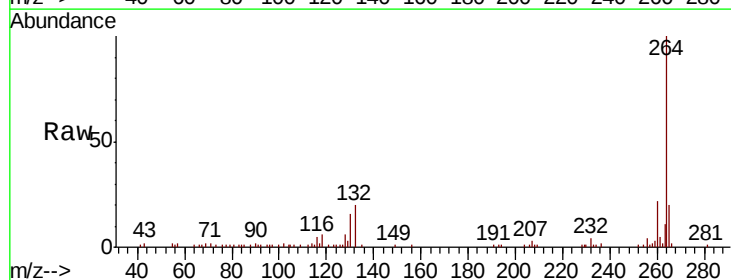
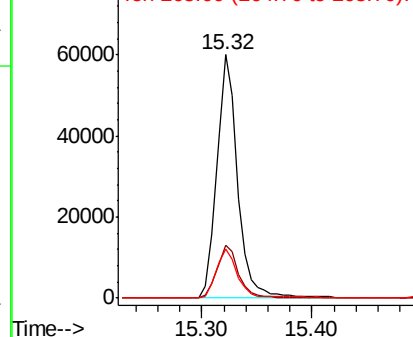
Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	20.1	16.1	24.1

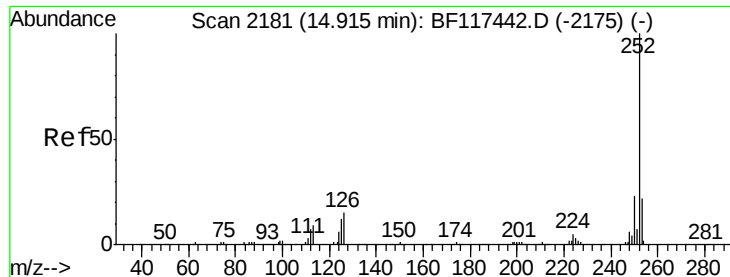
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





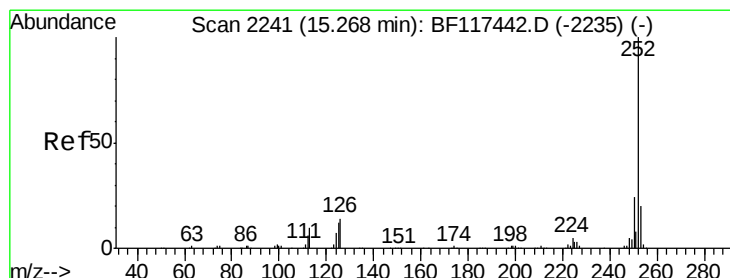
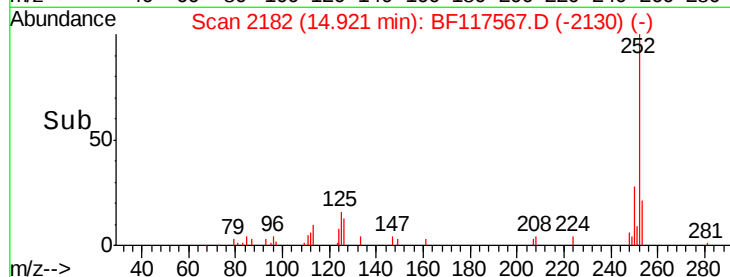
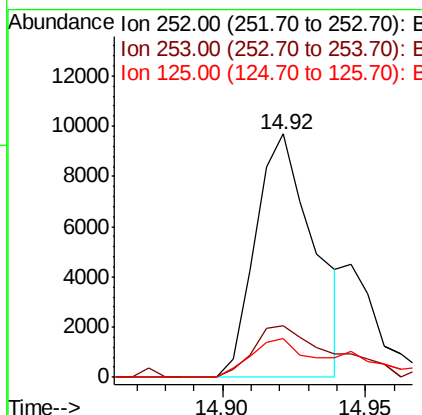
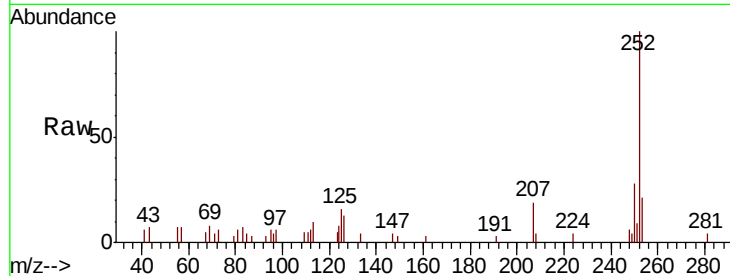
#88
Benzo(b)fluoranthene
Concen: 3.044 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_F
ClientSampleId :
184-98-(0-2.2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	16.2	9.9	14.9#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.125 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117567.D
Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.3	24.5
125	14.4	9.2	13.8#

