

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117495.D
 Acq On : 23 Oct 2019 20:44
 Operator : JU
 Sample : K5494-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FT

Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 24 09:02:32 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	41540	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	167477	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	87691	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	139118	20.00	ng	0.00
76) Chrysene-d12	13.89	240	77987	20.00	ng	0.00
87) Perylene-d12	15.32	264	91833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	295297	105.76	ng	0.00
7) Phenol-d6	6.38	99	407783	108.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	263632	77.71	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	76264	100.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	409079	65.73	ng	0.00
79) Terphenyl-d14	12.83	244	332698	69.58	ng	0.00
Target Compounds						
10) Phenol	6.39	94	8565	2.238	ng	87
50) Dimethylphthalate	9.48	163	111671	17.863	ng	99
75) Fluoranthene	12.46	202	22005	2.721	ng	96
78) Pyrene	12.69	202	19393	2.895	ng	96
88) Benzo(b)fluoranthene	14.92	252	11663m	2.151	ng	

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

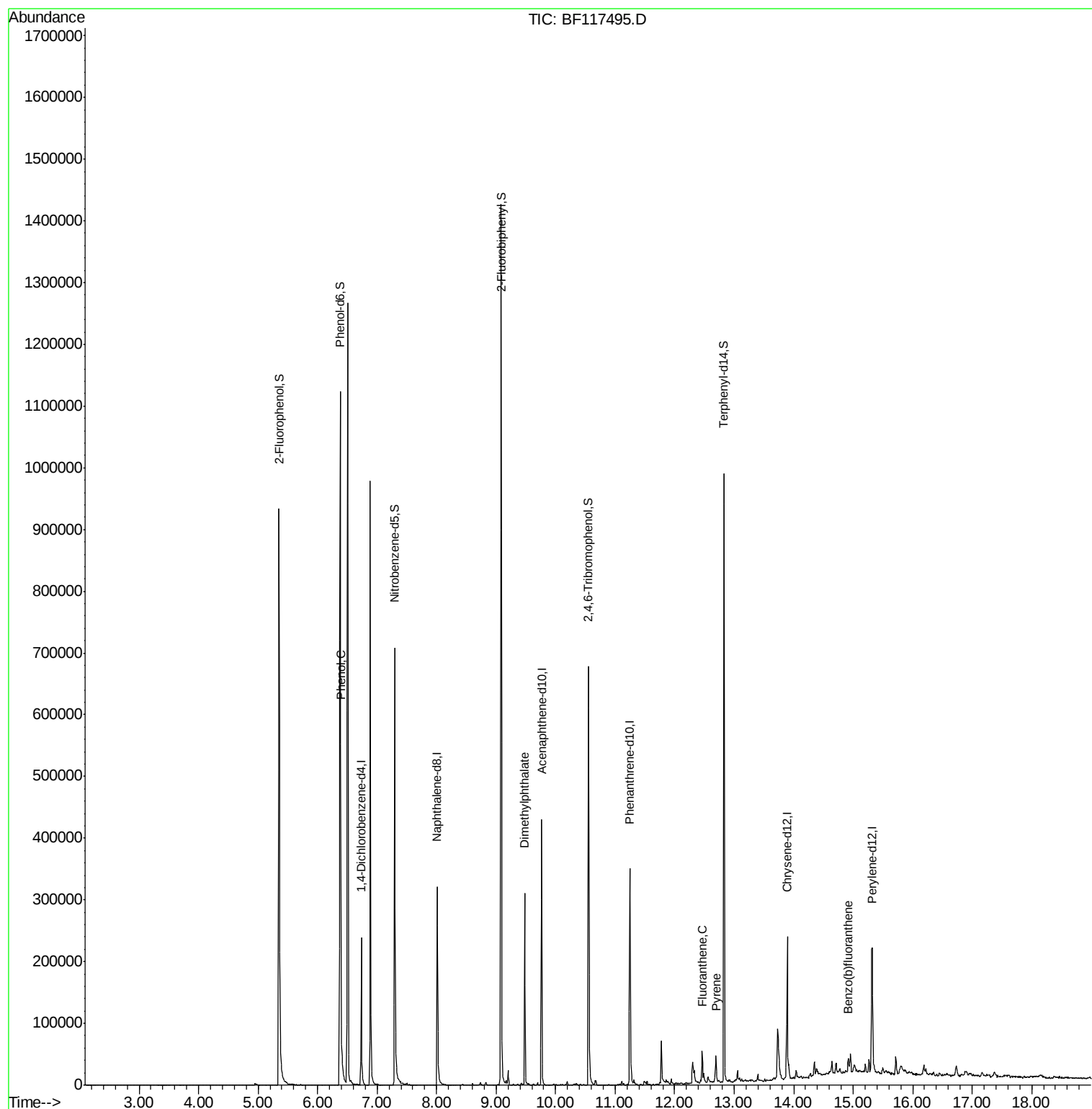
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117495.D
Acq On : 23 Oct 2019 20:44
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

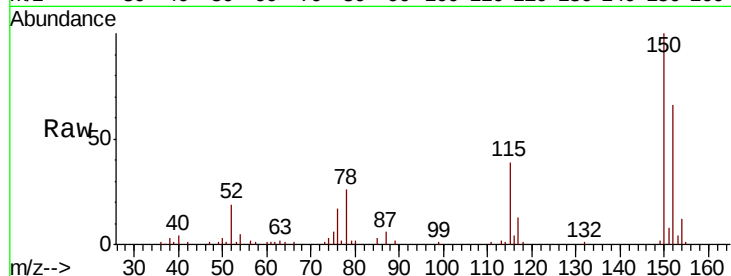
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Instrument :
BNA_F
ClientSampleId :
TP1-2FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.8	190.2
115	59.2	51.6	77.4

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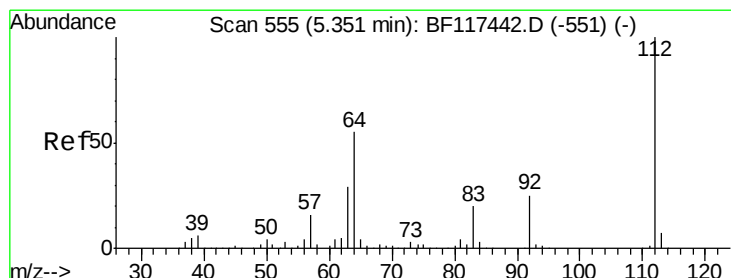
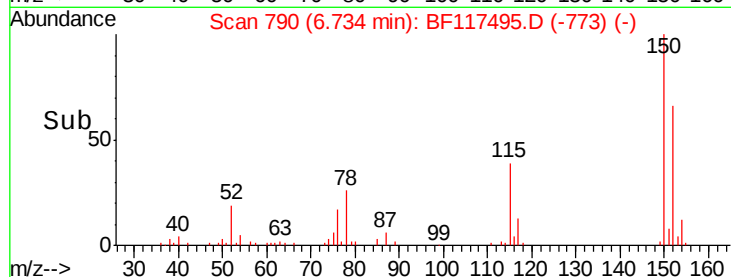
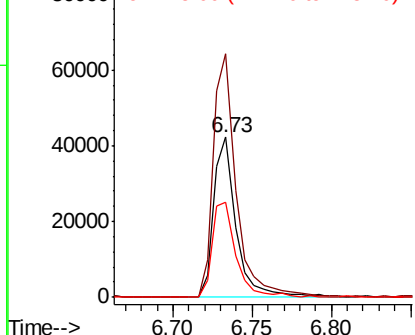


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

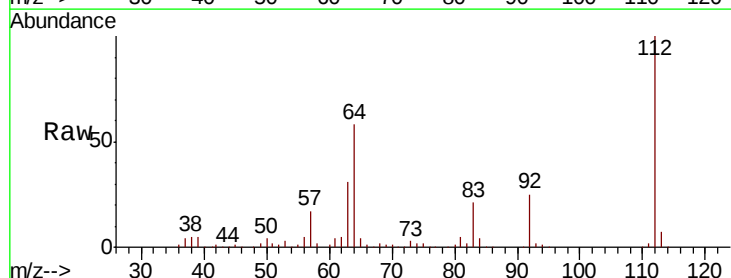
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.757 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	31.0	23.4	35.2

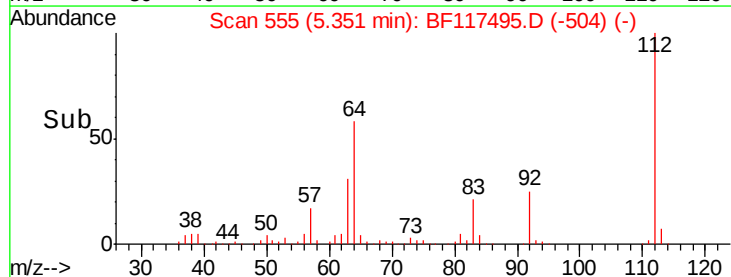
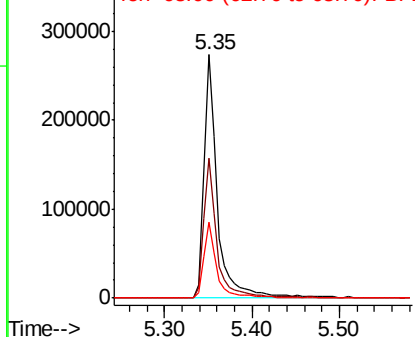


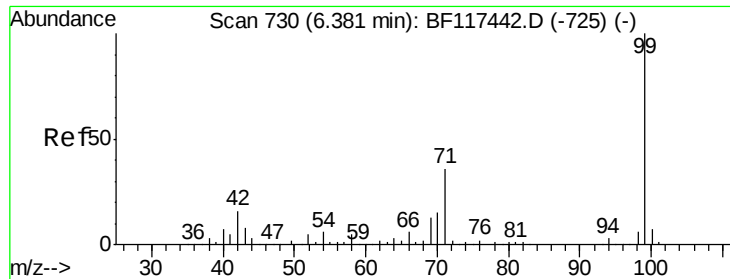
Abundance

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: 108.734 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117495.D

Acq: 23 Oct 2019 20:44

Instrument :

BNA_F

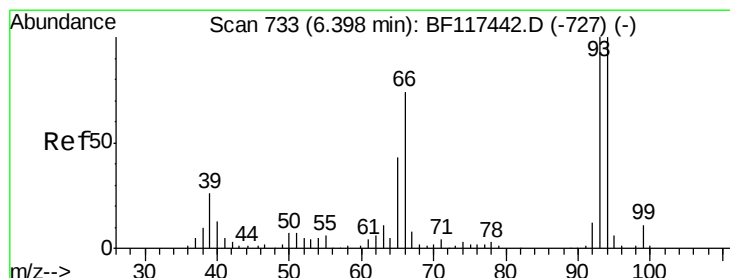
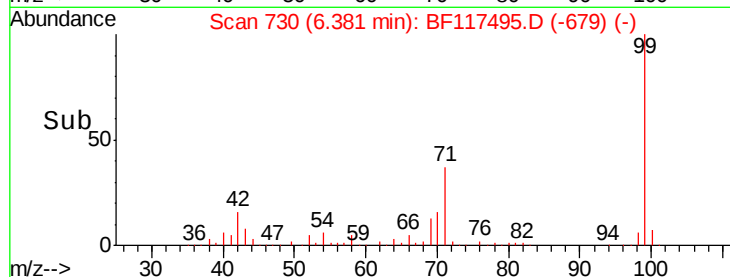
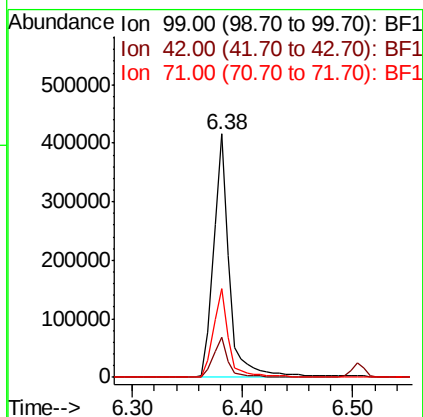
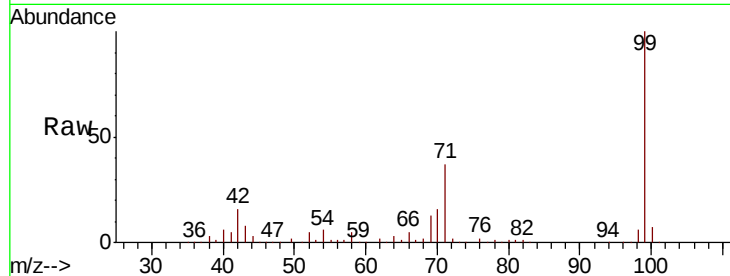
ClientSampleId :

TP1-2FT

Tot Ion:	99	Resp:	407783
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	36.5	28.6	43.0

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#10

Phenol

Concen: 2.238 ng

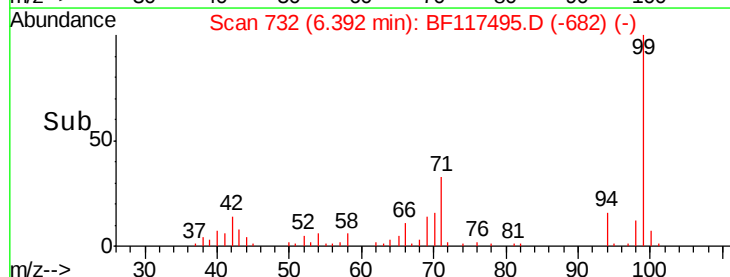
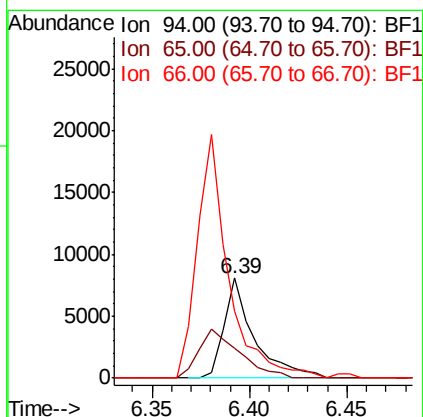
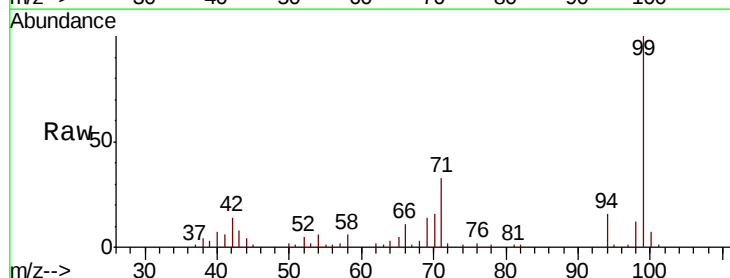
RT: 6.39 min Scan# 732

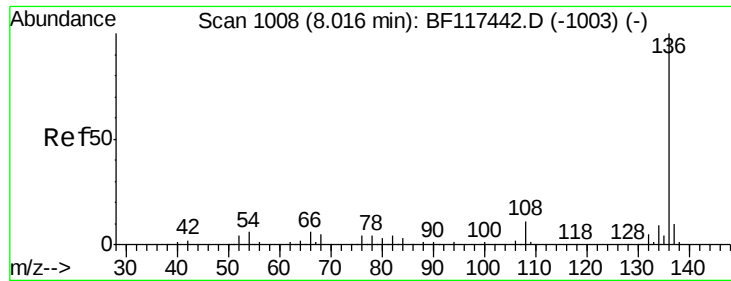
Delta R.T. -0.01 min

Lab File: BF117495.D

Acq: 23 Oct 2019 20:44

Tgt Ion:	94	Resp:	8565
Ion	Ratio	Lower	Upper
94	100		
65	29.9	23.4	63.4
66	67.7	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: BF117495.D

Acq: 23 Oct 2019 20:44

Instrument :

BNA_F

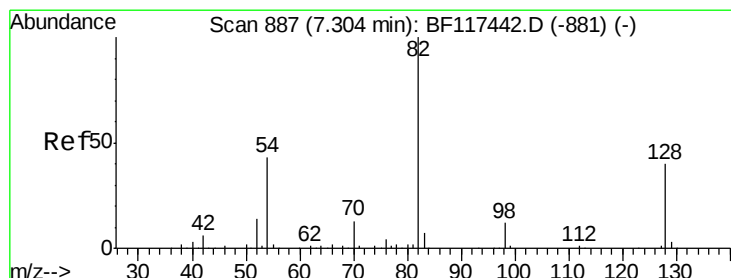
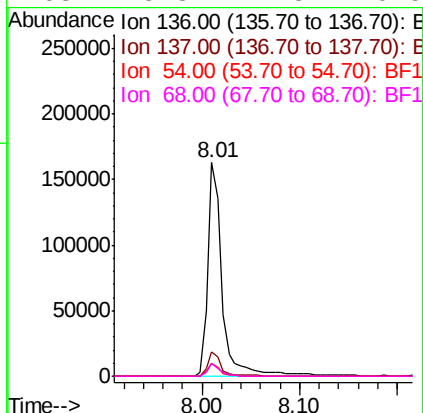
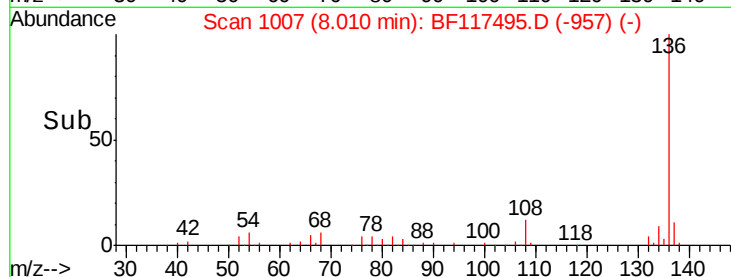
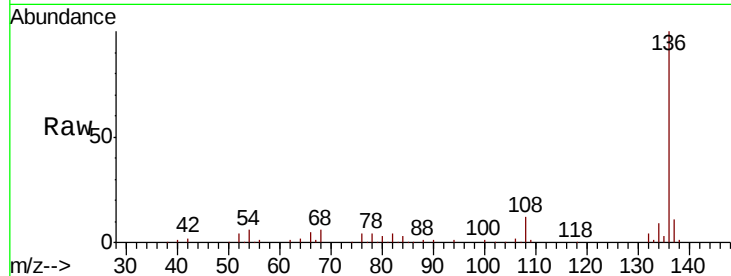
ClientSampleId :

TP1-2FT

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		167477		
137	11.2	8.2	12.4		
54	5.8	4.5	6.7		
68	5.8	4.3	6.5		

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#23

Nitrobenzene-d5

Concen: 77.712 ng

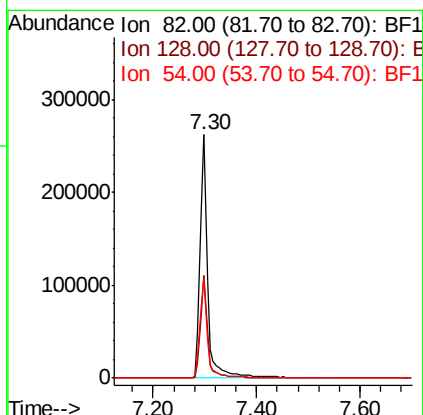
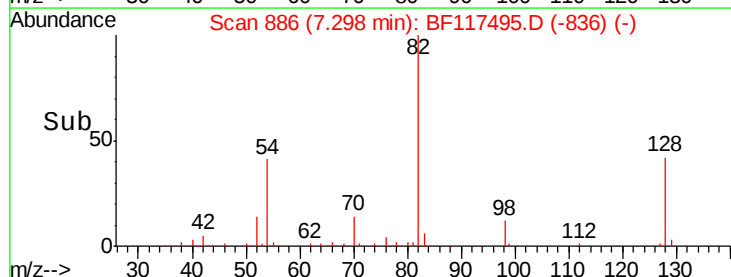
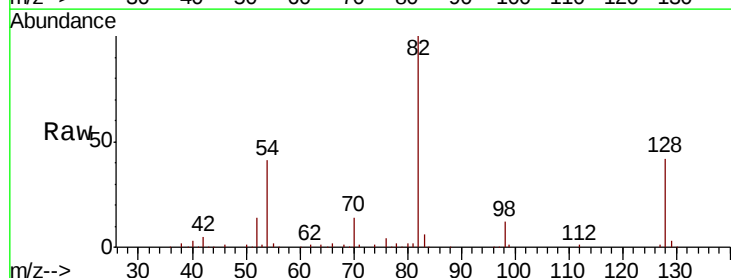
RT: 7.30 min Scan# 886

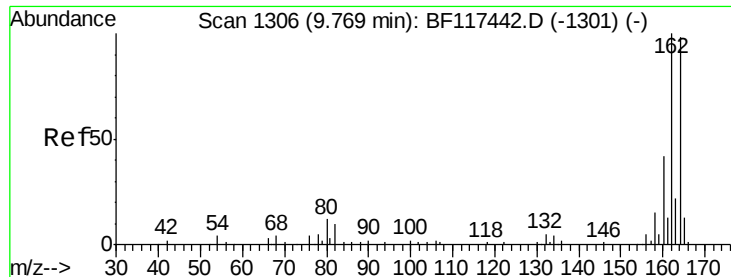
Delta R.T. -0.01 min

Lab File: BF117495.D

Acq: 23 Oct 2019 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		263632		
128	42.5	32.2	48.2		
54	41.0	34.2	51.2		





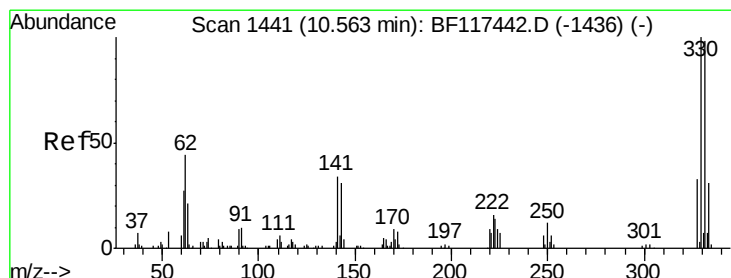
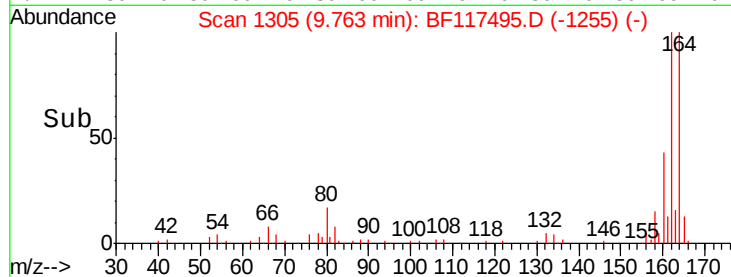
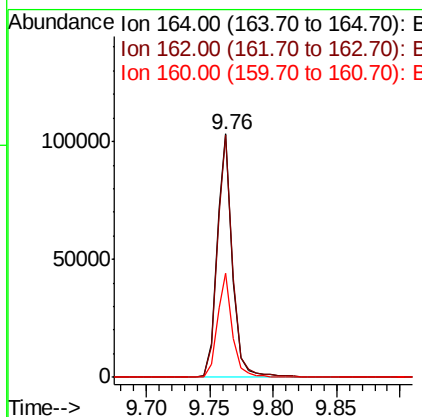
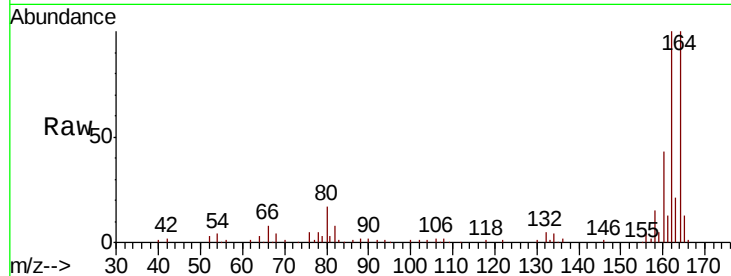
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117495.D
 Acq: 23 Oct 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FT

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	42.6	34.4	51.6

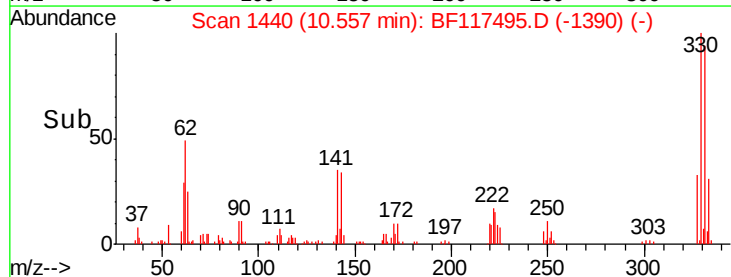
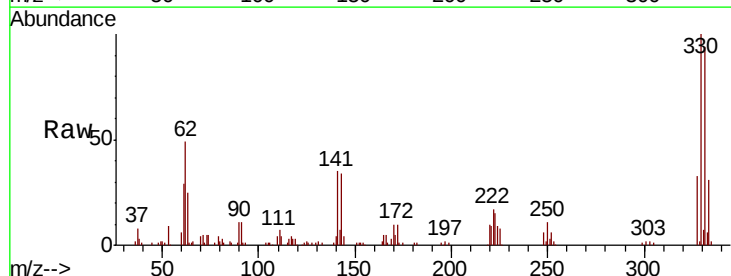
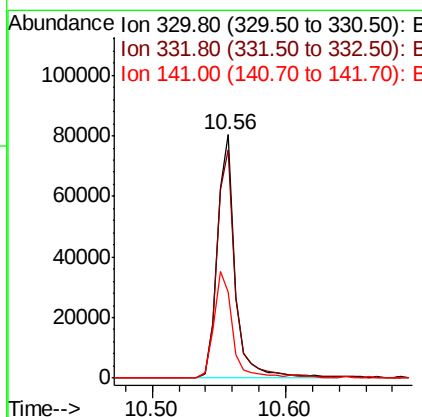
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#42
 2,4,6-Tribromophenol
 Concen: 100.512 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117495.D
 Acq: 23 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.5	117.7
141	46.4	37.0	55.6





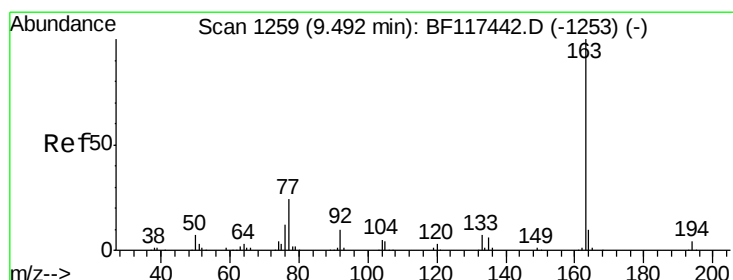
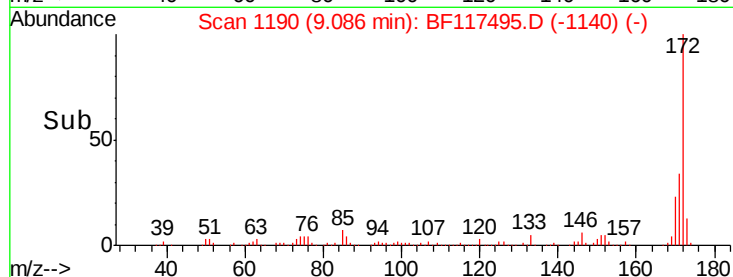
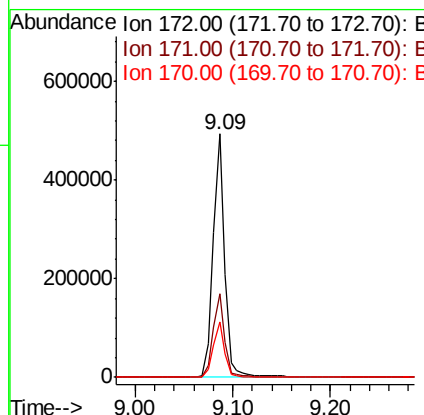
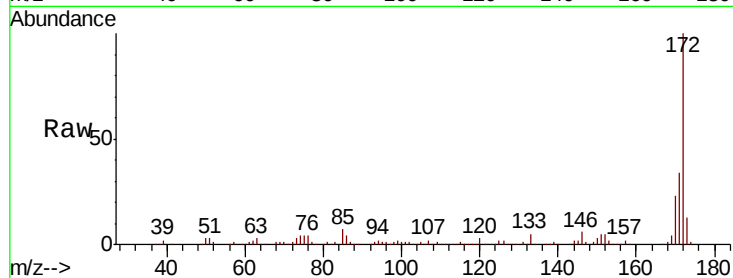
#45
2-Fluorobiphenyl
Concen: 65.729 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Instrument :
BNA_F
ClientSampleId :
TP1-2FT

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	27.5	41.3	
170	22.9	18.6	27.8	

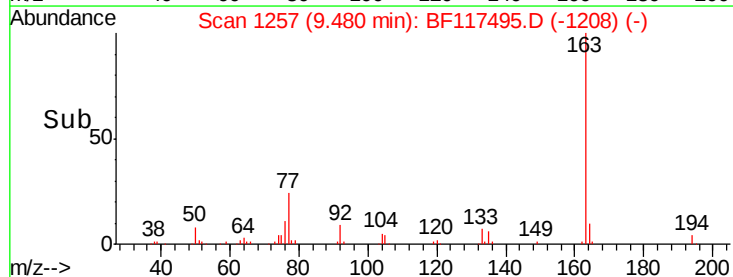
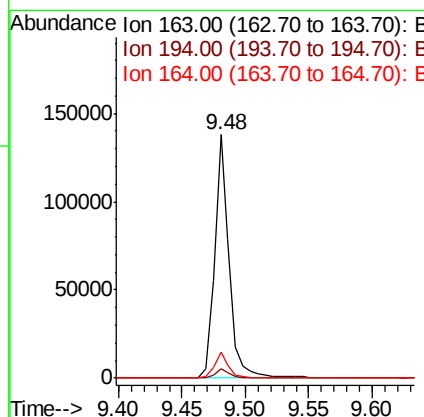
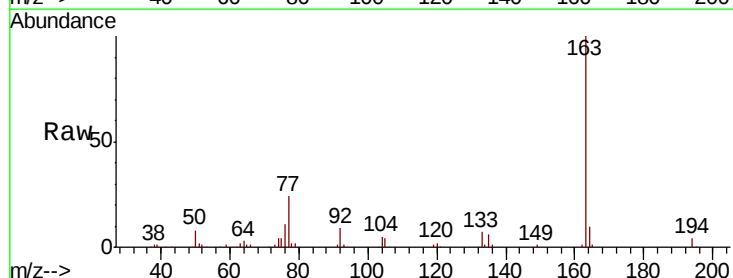
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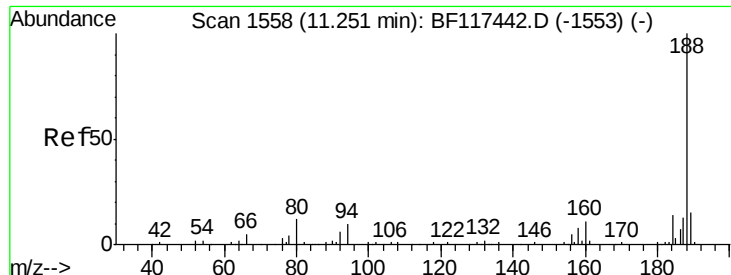
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#50
Dimethylphthalate
Concen: 17.863 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.9	4.3	
164	10.4	8.2	12.2	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117495.D

Acq: 23 Oct 2019 20:44

Instrument :

BNA_F

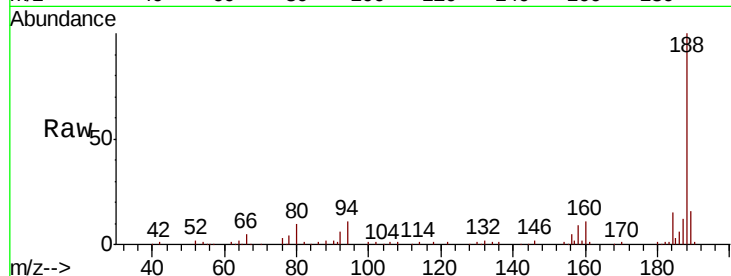
ClientSampleId :

TP1-2FT

Tot Ion:	188	Resp:	139118
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.0	12.0
80	10.5	9.5	14.3

Manual Integrations
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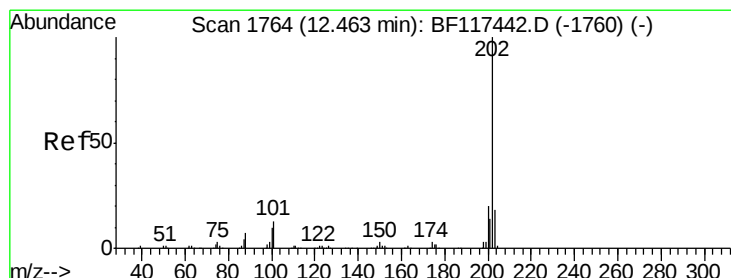
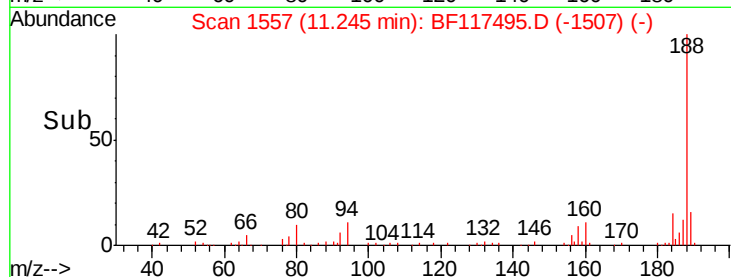
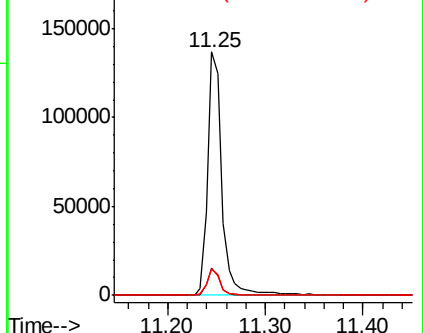
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.721 ng

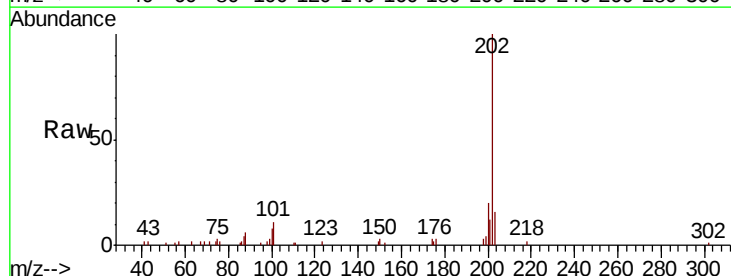
RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117495.D

Acq: 23 Oct 2019 20:44

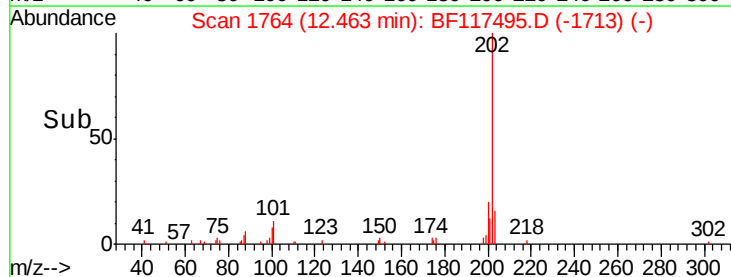
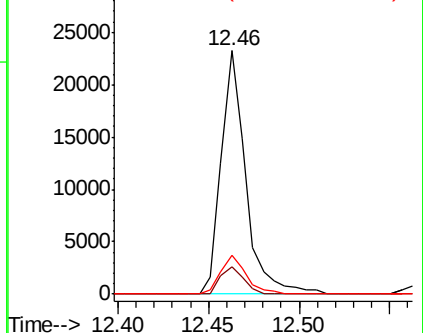
Tgt Ion:	202	Resp:	22005
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.7
203	16.0	0.0	37.6

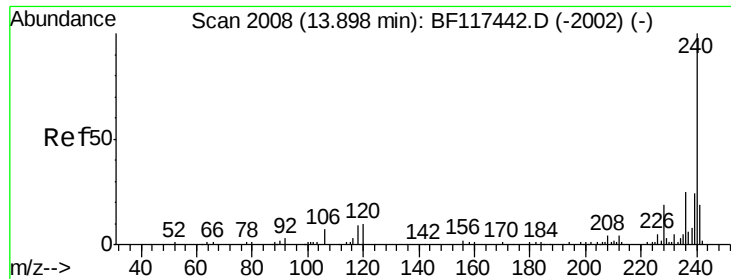


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





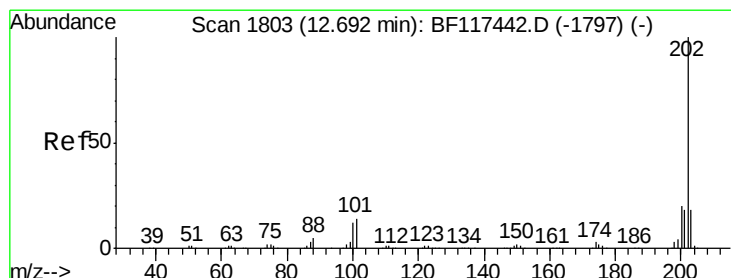
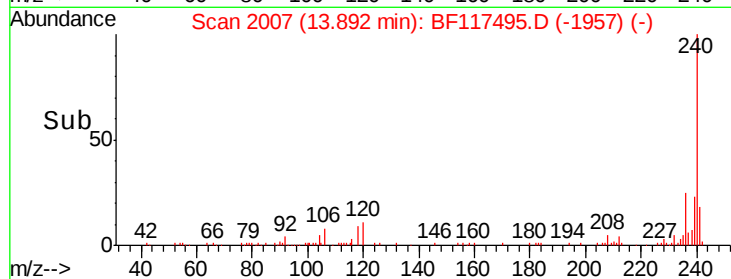
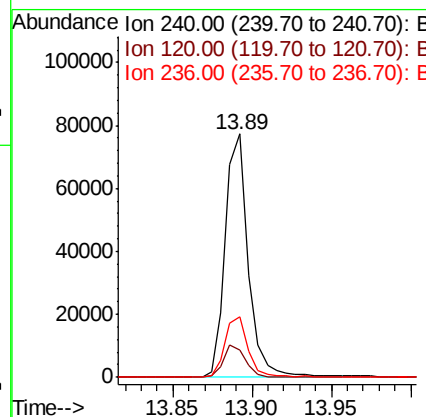
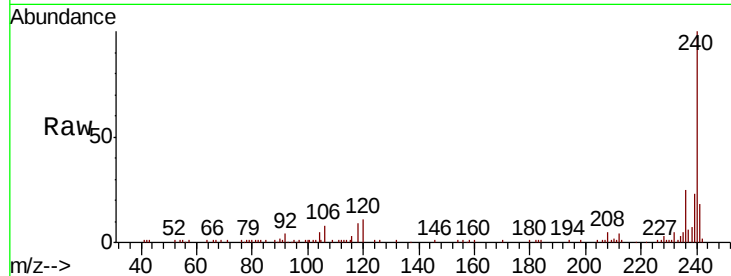
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Instrument :
BNA_F
ClientSampleId :
TP1-2FT

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	25.1	20.0	30.0

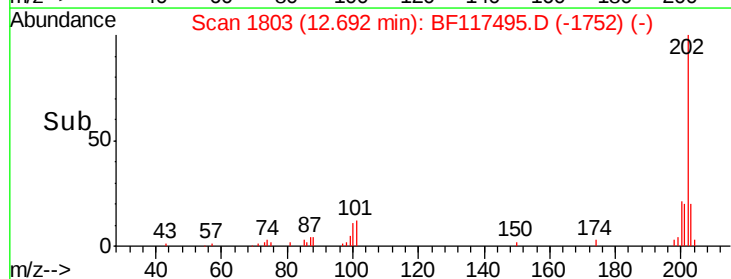
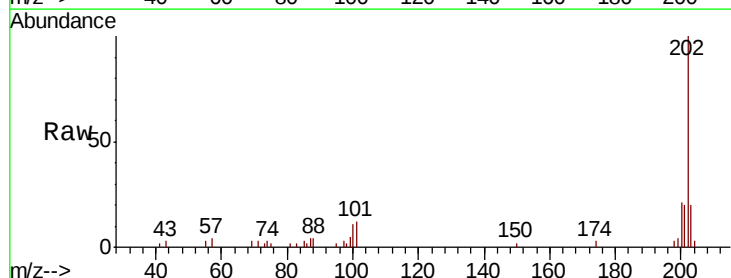
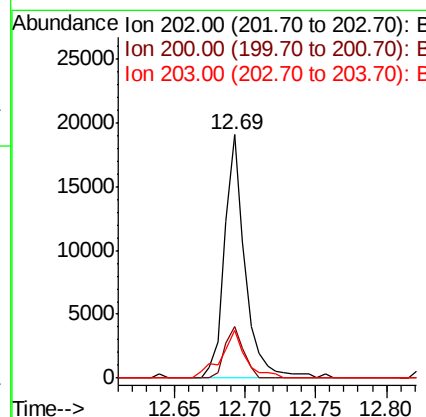
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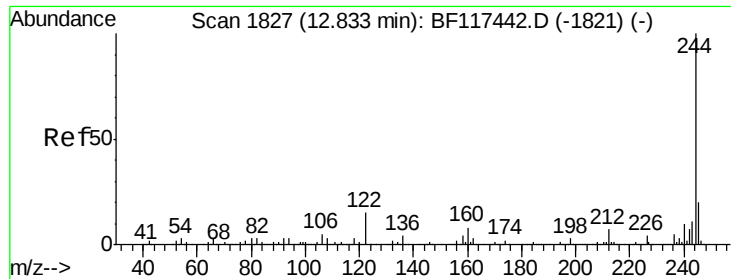
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#78
Pyrene
Concen: 2.895 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117495.D
Acq: 23 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.2	24.2
203	19.7	14.0	21.0





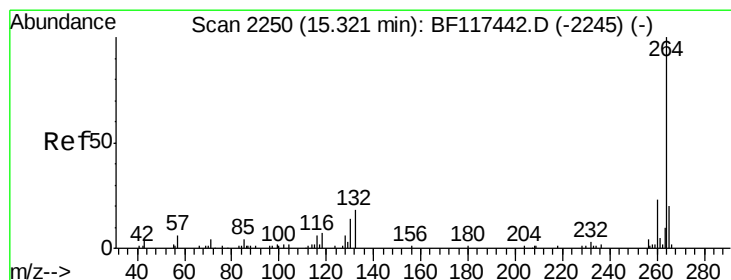
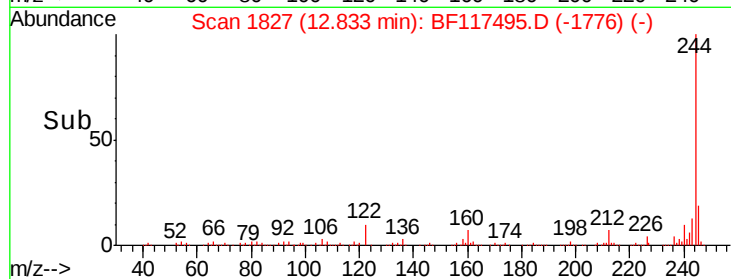
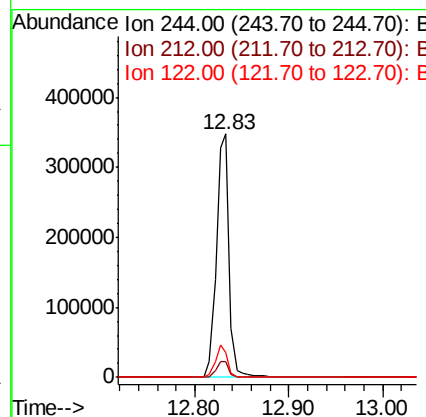
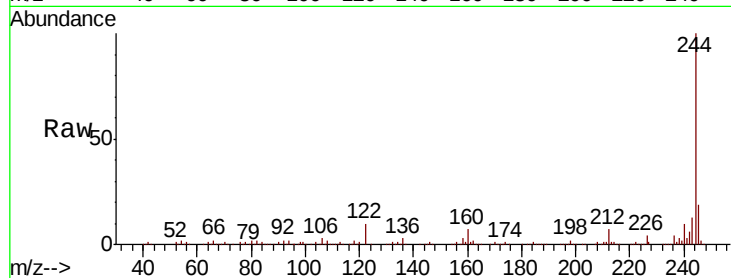
#79
 Terphenyl-d14
 Concen: 69.585 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117495.D
 Acq: 23 Oct 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FT

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.3	11.8	17.8

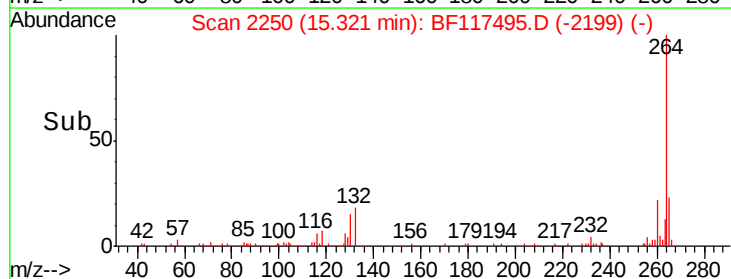
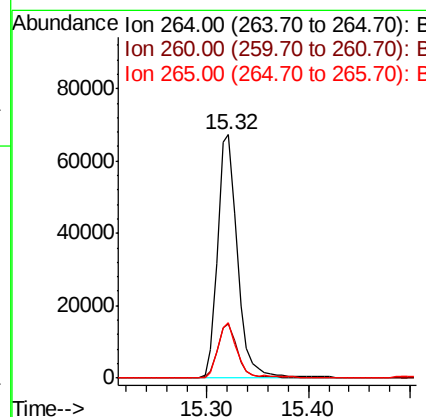
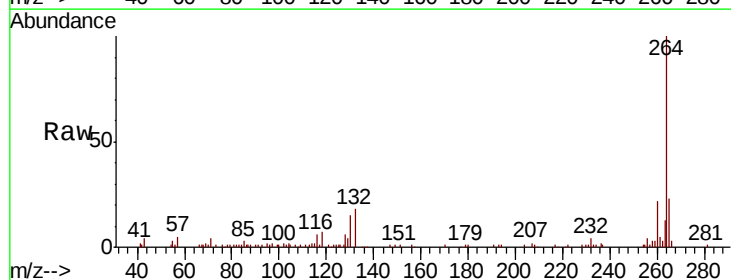
Manual Integrations
 APPROVED

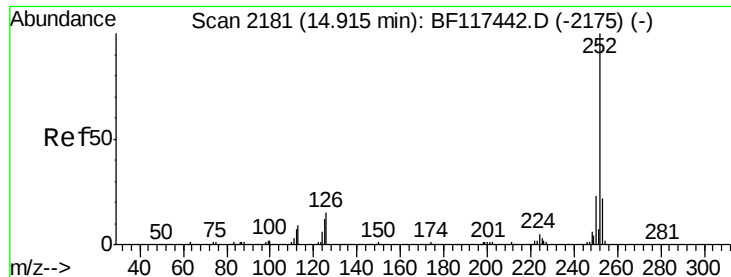
mohammad
 10/24/2019 2:10:53 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117495.D
 Acq: 23 Oct 2019 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	23.0	16.1	24.1





#88
 Benzo(b)fluoranthene
 Concen: 2.151 ng m
 RT: 14.92 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BF117495.D
 Acq: 23 Oct 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2FT

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.8	26.6#
125	22.6	9.9	14.9#

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:10:53 PM

