

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117727.D
 Acq On : 8 Nov 2019 1:22
 Operator : JU
 Sample : K5722-06 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-B

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:31:51 PM

Quant Time: Nov 08 03:09:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	304707	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1184507	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	592363	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	993722	20.00	ng	0.00
76) Chrysene-d12	14.12	240	711357	20.00	ng	0.00
87) Perylene-d12	15.63	264	889139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	232012	13.78	ng	-0.01
7) Phenol-d6	6.54	99	349141	16.82	ng	-0.02
23) Nitrobenzene-d5	7.49	82	195753	9.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	15725	2.71	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	420338	14.00	ng	0.00
79) Terphenyl-d14	13.06	244	388657	11.25	ng	-0.01
Target Compounds						
71) Phenanthrene	11.50	178	558754	11.731	ng	94
72) Anthracene	11.55	178	95193	2.009	ng	95
75) Fluoranthene	12.69	202	378636	7.785	ng	96
78) Pyrene	12.92	202	389270	7.496	ng	95
81) Benzo(a)anthracene	14.11	228	126994	2.868	ng	99
83) Chrysene	14.14	228	129166	2.954	ng	95
84) Bis(2-ethylhexyl)phthalate	14.10	149	188412	6.090	ng	# 95
88) Benzo(b)fluoranthene	15.18	252	154359m	2.756	ng	
90) Benzo(a)pyrene	15.56	252	117542	2.421	ng	99

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

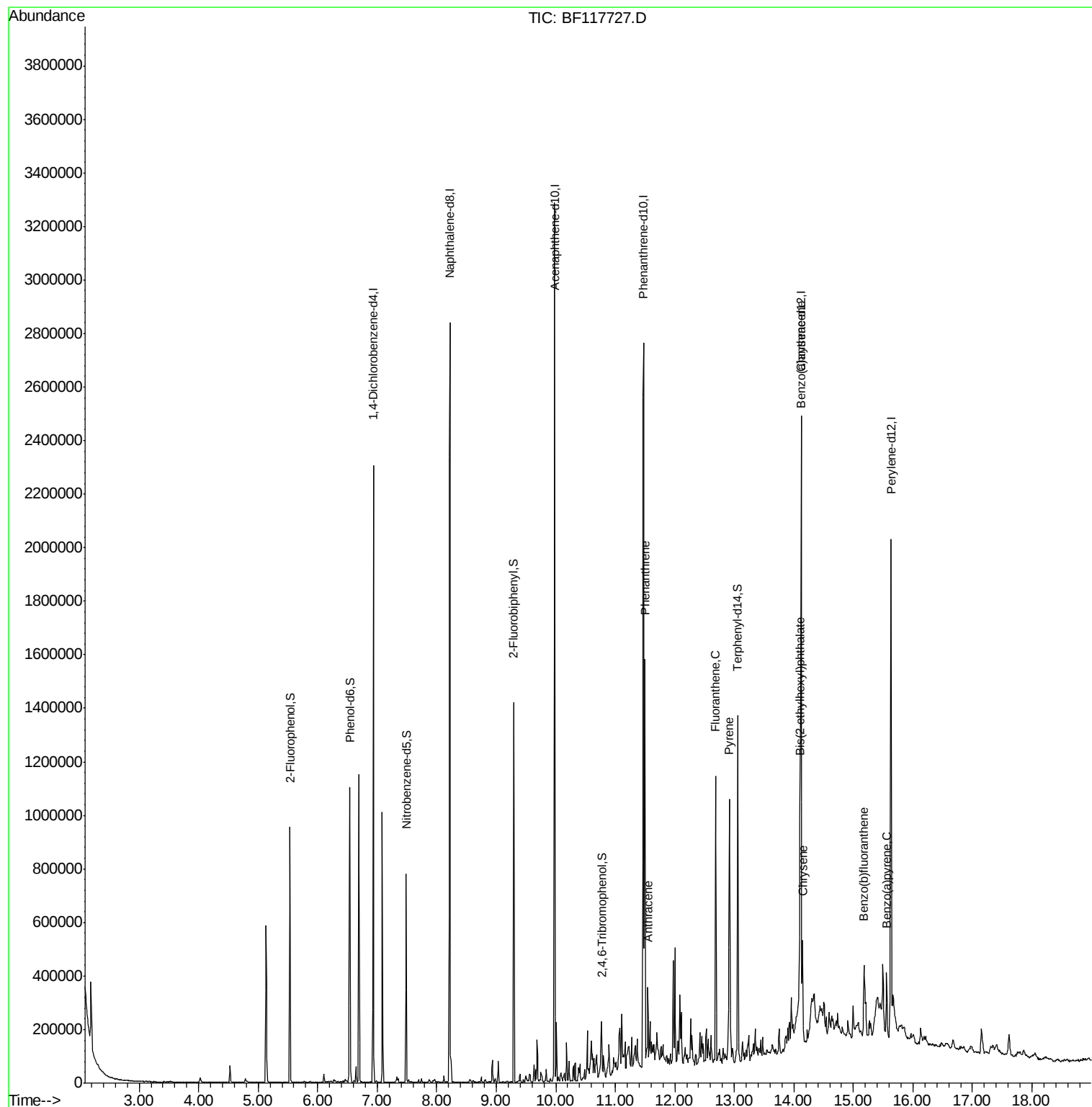
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

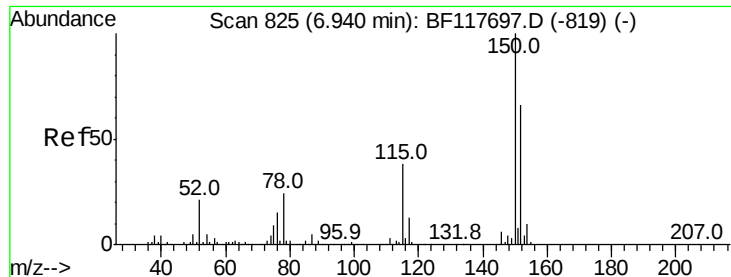
Instrument :
BNA_F
ClientSampleId :
5-B

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#1

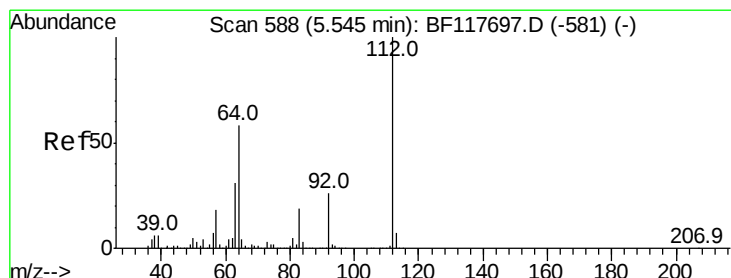
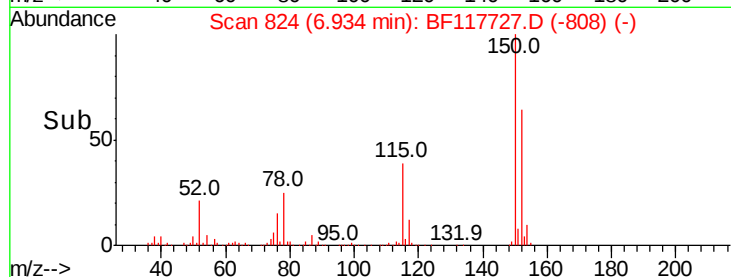
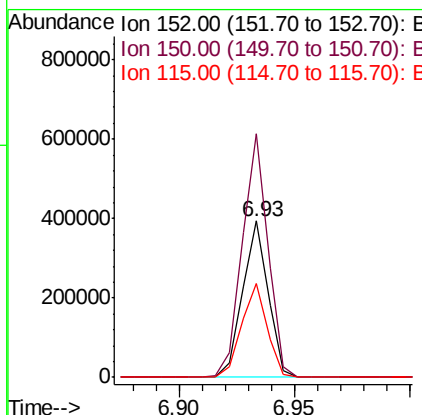
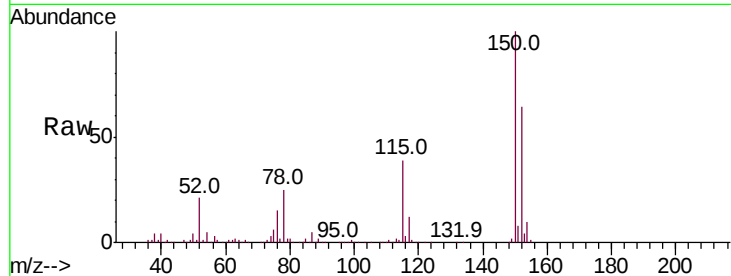
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.4	182.2
115	60.4	46.7	70.1

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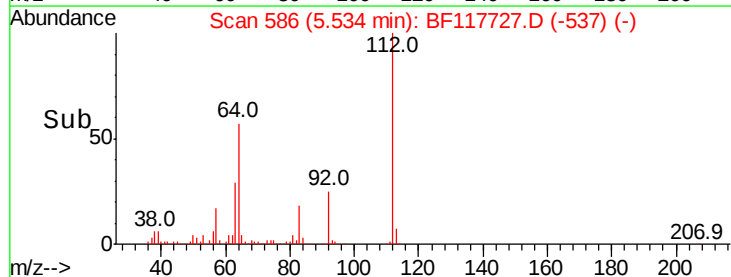
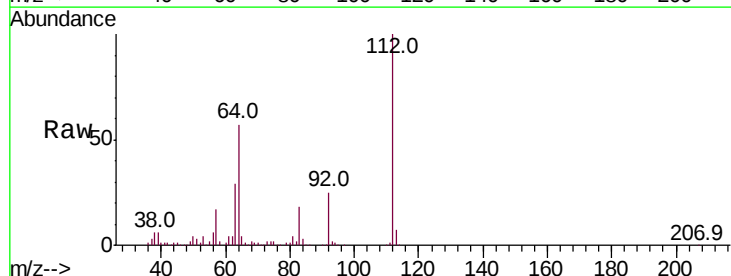
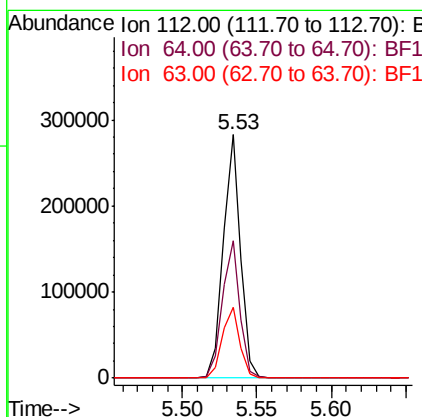
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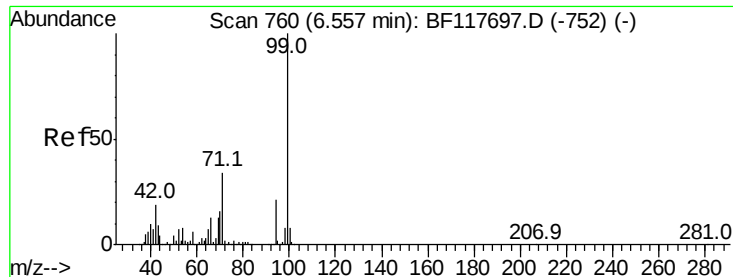


#5

2-Fluorophenol
Concen: 13.783 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.4	69.6
63	29.3	24.6	37.0





#7

Phenol-d6

Concen: 16.821 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Instrument :

BNA_F

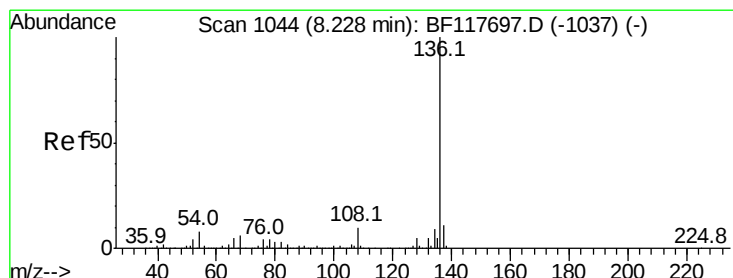
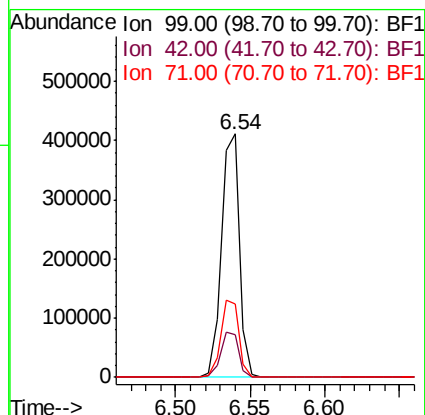
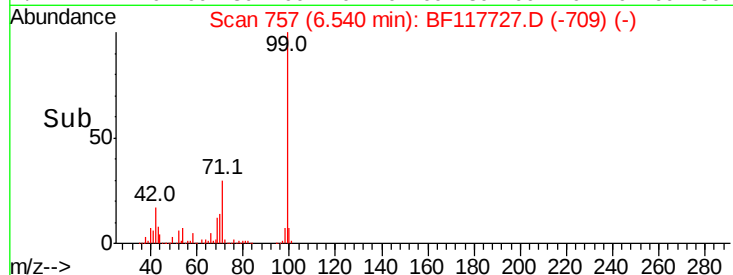
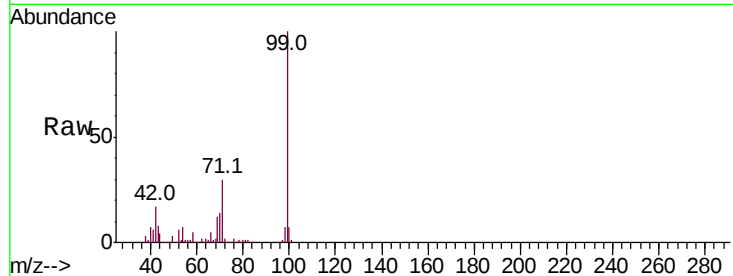
ClientSampled :

5-B

Tot Ion:	99	Resp:	349141
Ion Ratio	Lower	Upper	
99	100		
42	17.5	15.3	22.9
71	30.3	26.8	40.2

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#21

Naphthalene-d8

Concen: 20.000 ng

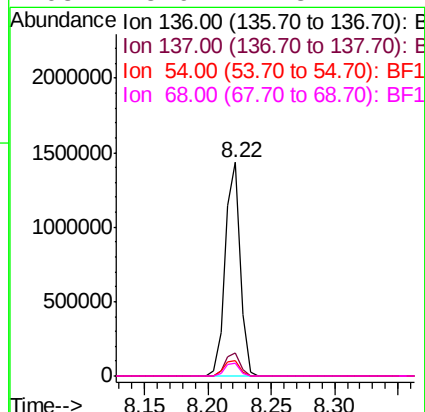
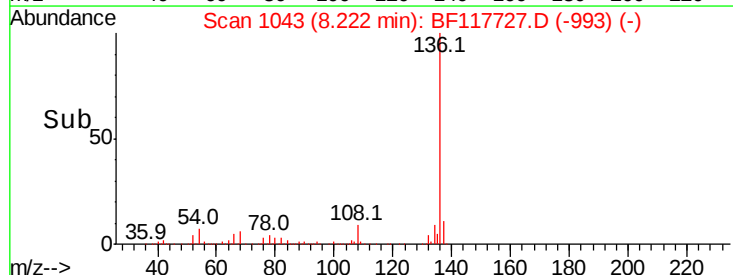
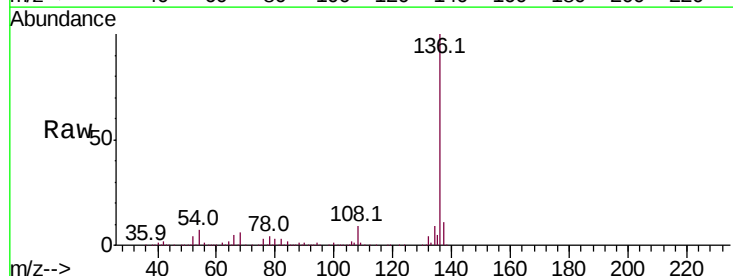
RT: 8.22 min Scan# 1043

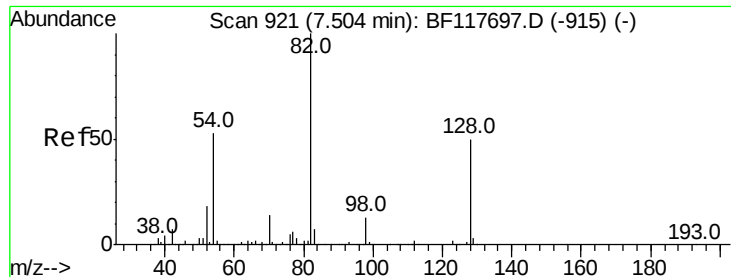
Delta R.T. -0.01 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Tgt Ion:	136	Resp:	1184507
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.3	6.0	9.0
68	5.9	4.8	7.2





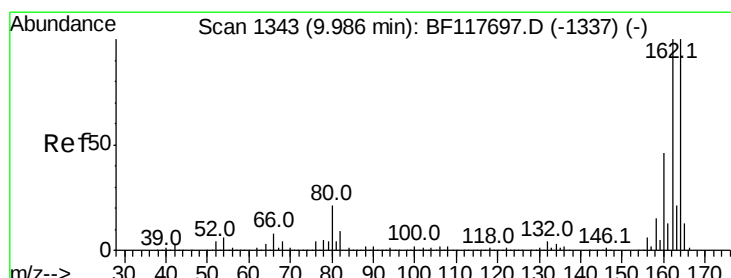
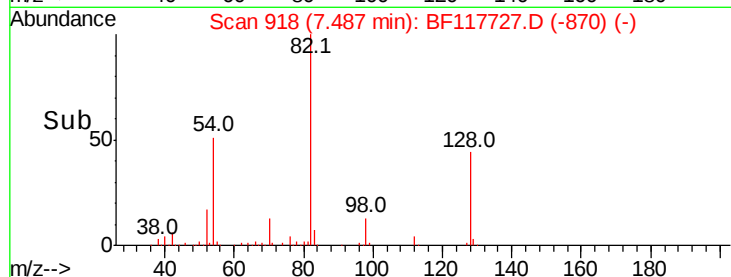
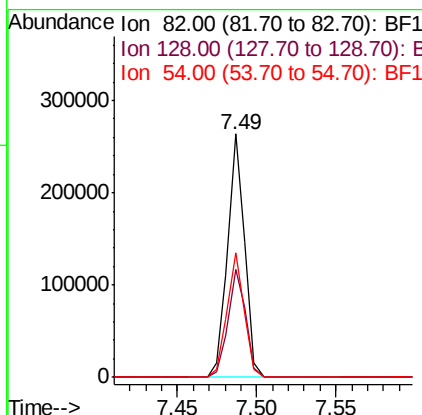
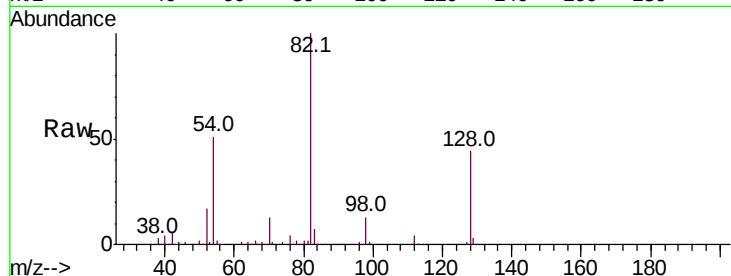
#23
Nitrobenzene-d5
Concen: 9.757 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampled :
5-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.2	60.2
54	51.0	42.0	63.0

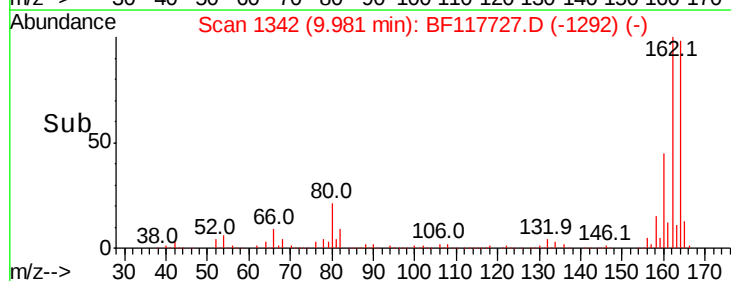
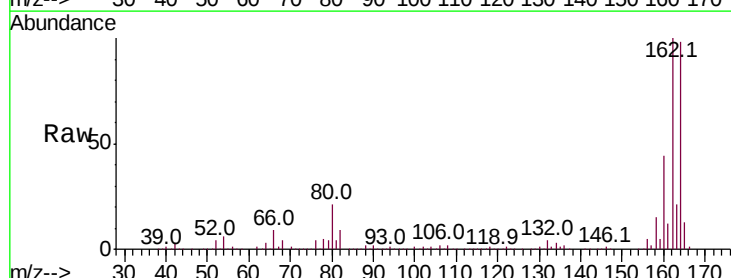
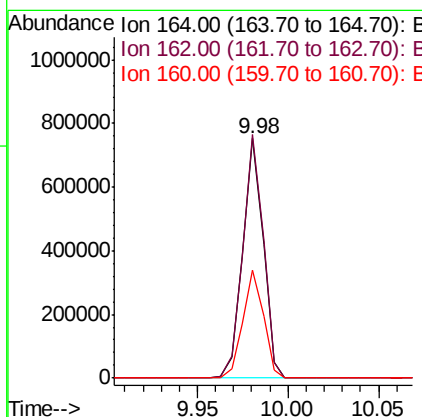
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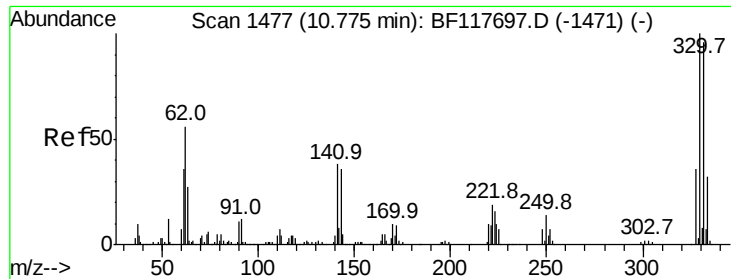
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.7	119.5
160	45.2	36.5	54.7





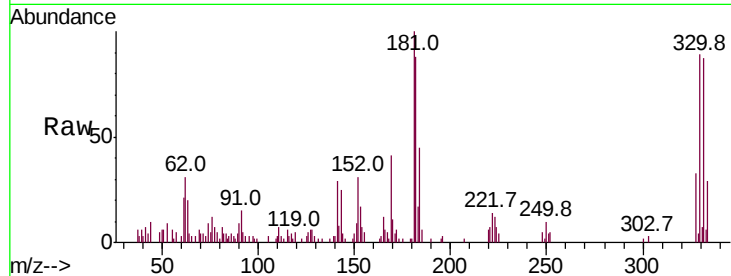
#42
 2,4,6-Tribromophenol
 Concen: 2.714 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117727.D
 Acq: 8 Nov 2019 1:22

Instrument :
 BNA_F
 ClientSampled :
 5-B

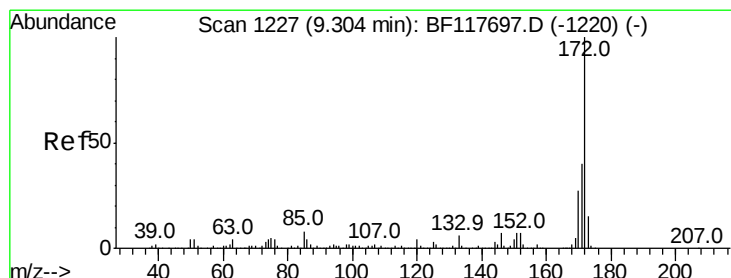
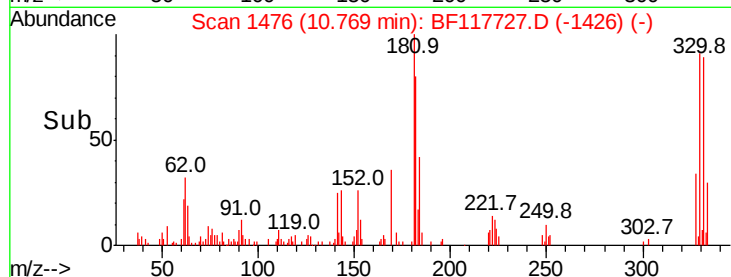
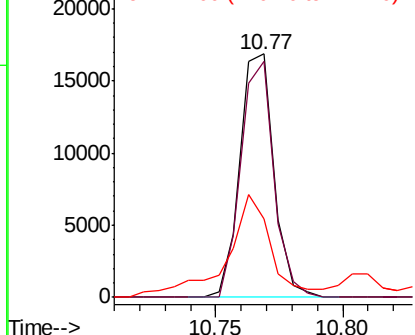
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.2	77.4	116.0	
141	56.1	28.0	42.0	

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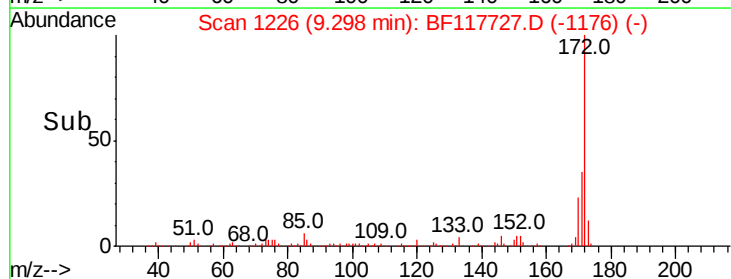
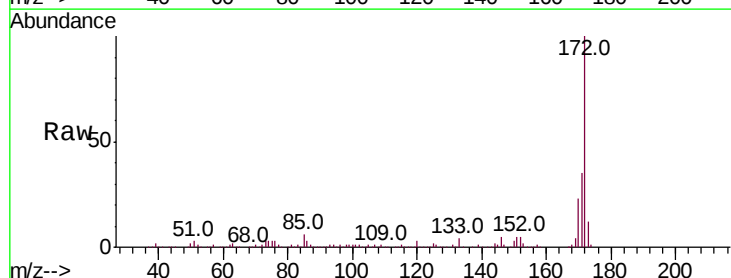
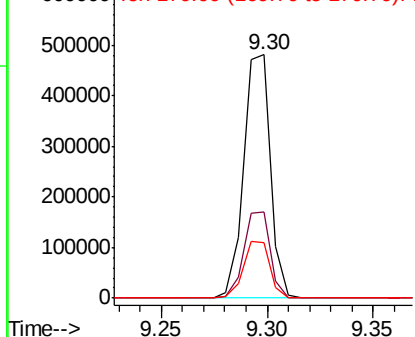
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

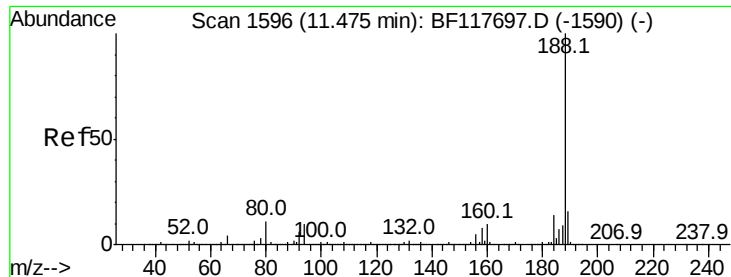


#45
 2-Fluorobiphenyl
 Concen: 14.000 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117727.D
 Acq: 8 Nov 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	31.8	47.8	
170	22.9	21.6	32.4	

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Instrument :

BNA_F

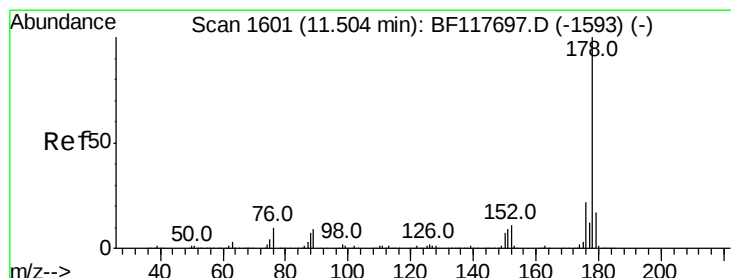
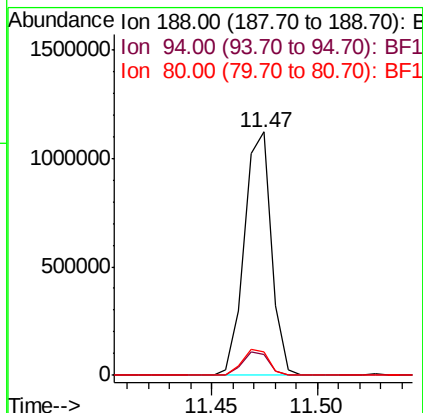
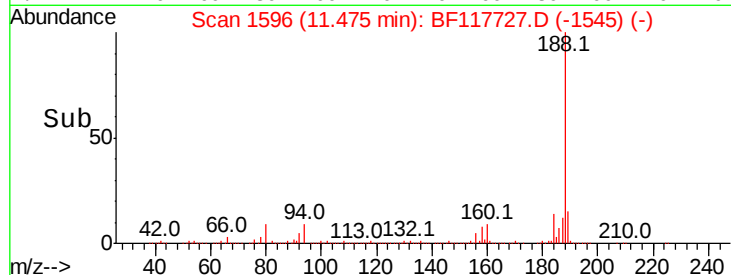
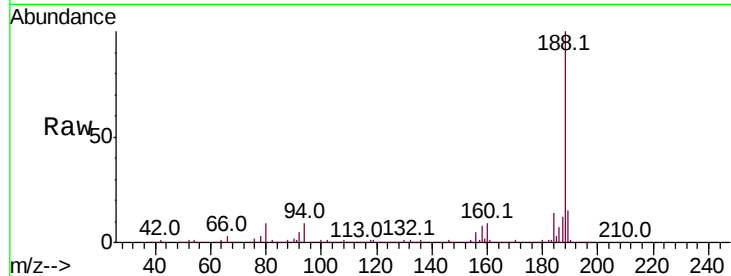
ClientSampled :

5-B

Tot Ion:	188	Resp:	993722
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.4
80	9.4	8.6	13.0

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#71

Phenanthrene

Concen: 11.731 ng

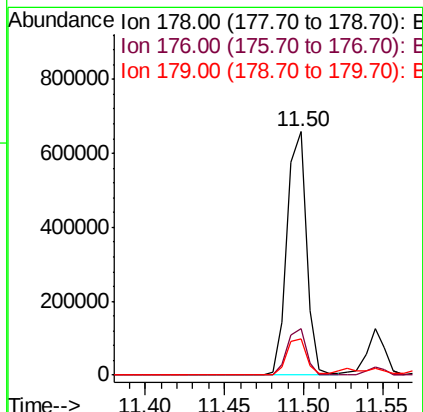
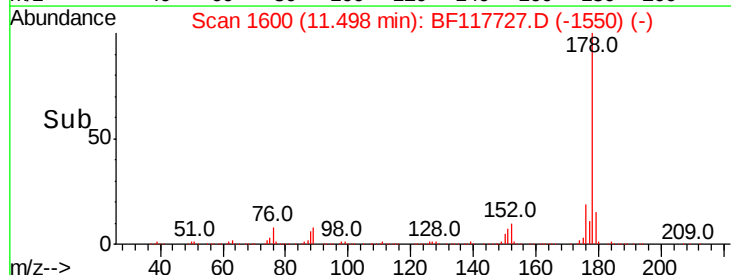
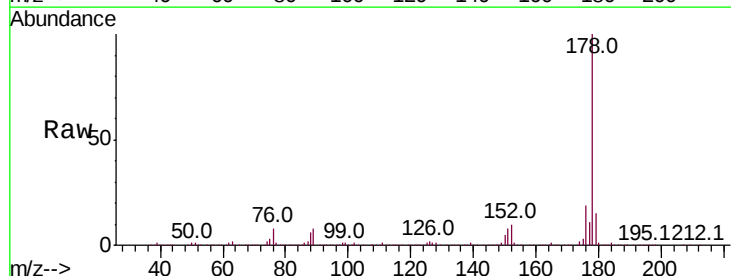
RT: 11.50 min Scan# 1600

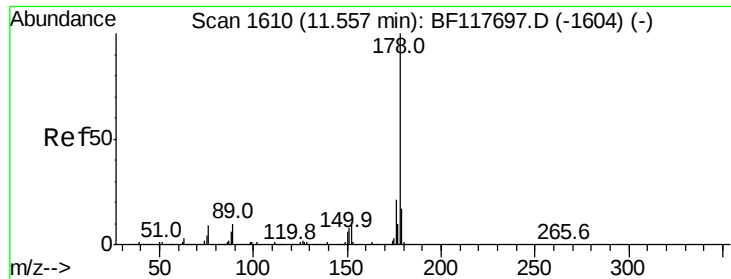
Delta R.T. -0.01 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Tgt Ion:	178	Resp:	558754
Ion Ratio	Lower	Upper	
178	100		
176	19.2	17.7	26.5
179	15.1	13.8	20.8





#72

Anthracene

Concen: 2.009 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Instrument :

BNA_F

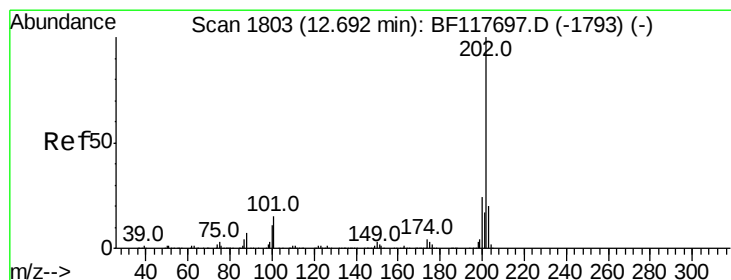
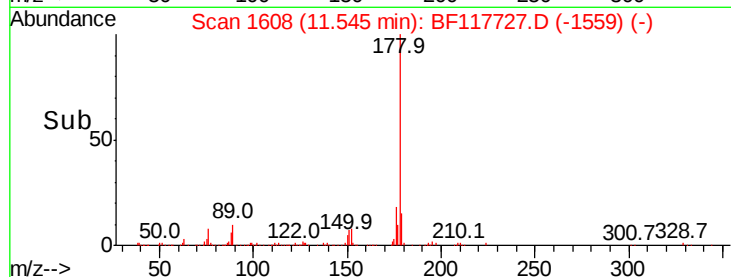
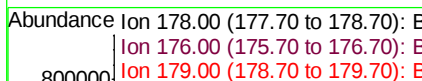
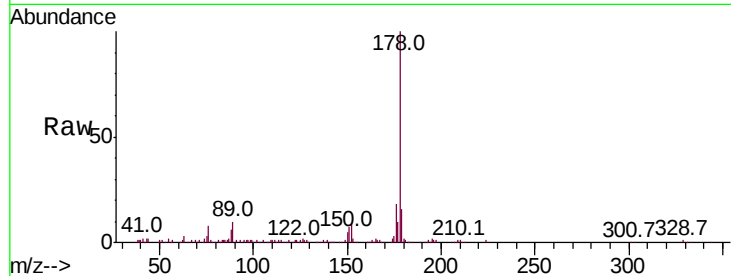
ClientSampleId :

5-B

Tot Ion:	178	Resp:	95193
Ion Ratio	Lower	Upper	
178	100		
176	17.5	16.6	25.0
179	15.8	13.5	20.3

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#75

Fluoranthene

Concen: 7.785 ng

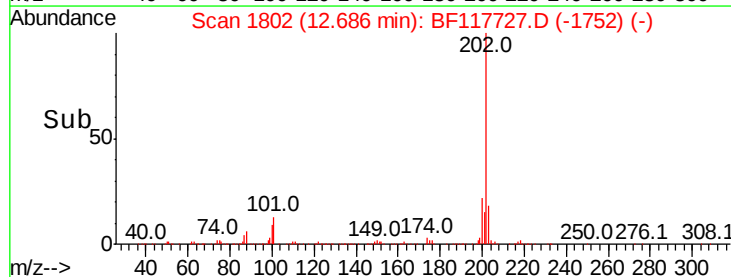
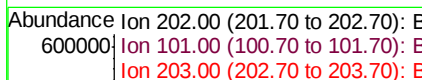
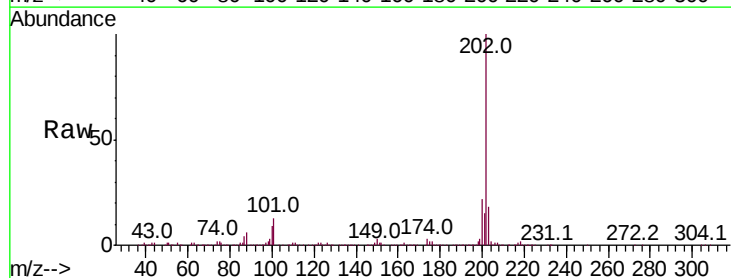
RT: 12.69 min Scan# 1802

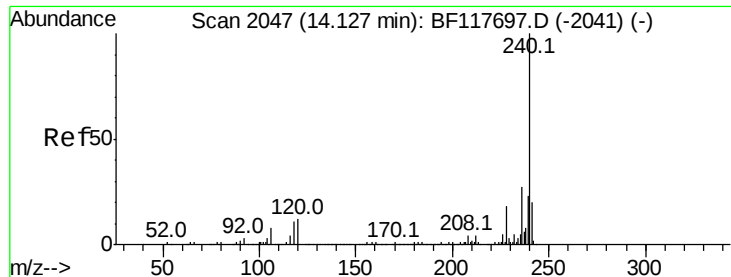
Delta R.T. -0.01 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Tgt Ion:	202	Resp:	378636
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.5
203	18.2	0.0	39.8





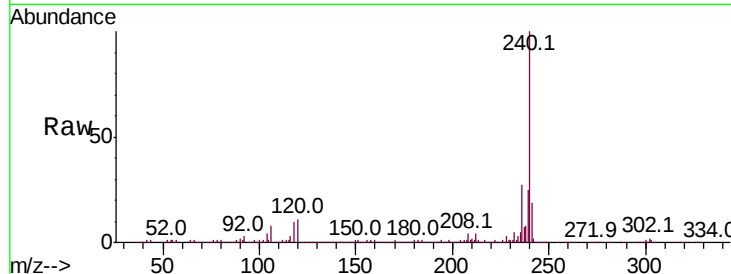
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampled :
5-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.7	14.5
236	27.1	21.9	32.9

Manual Integrations
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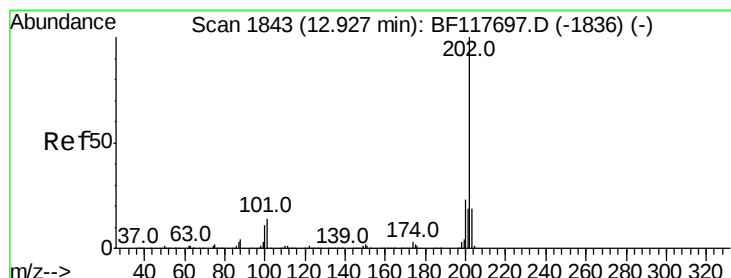
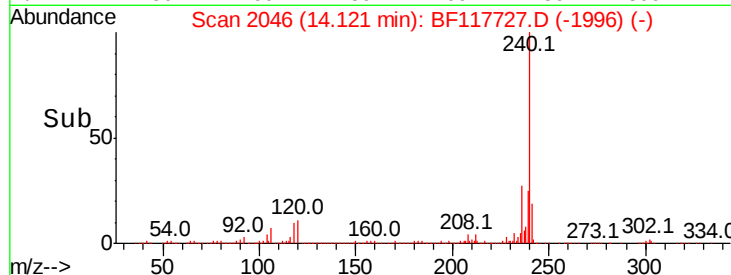
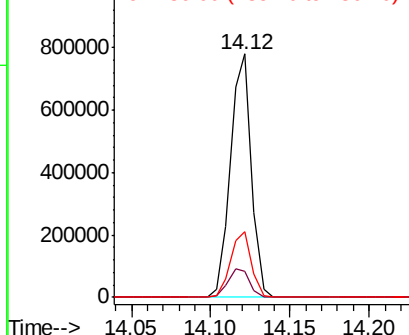


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 7.496 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

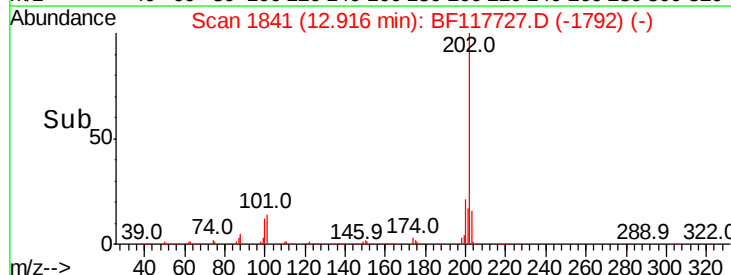
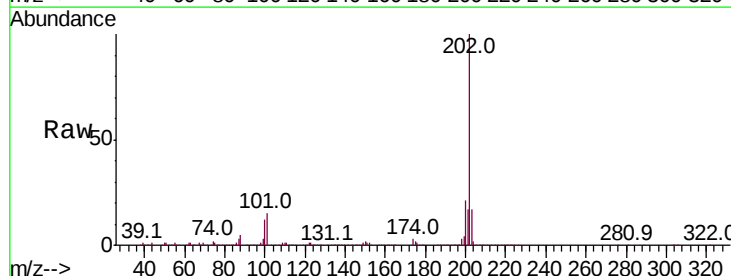
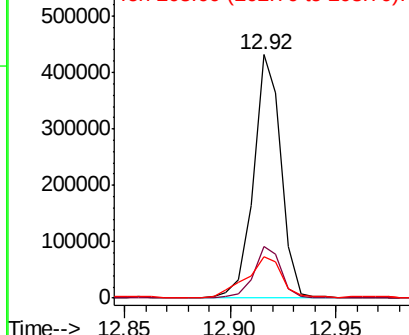
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.8	28.2
203	17.0	15.2	22.8

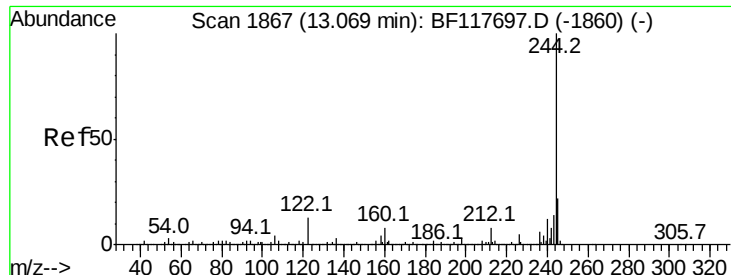
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





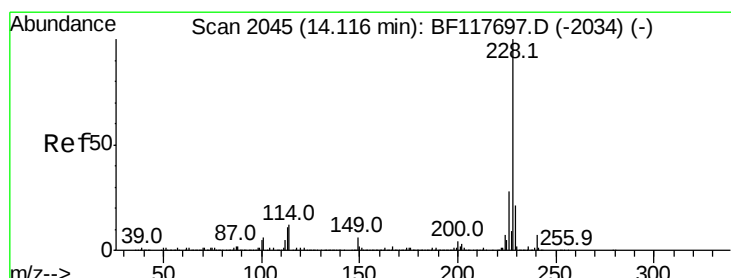
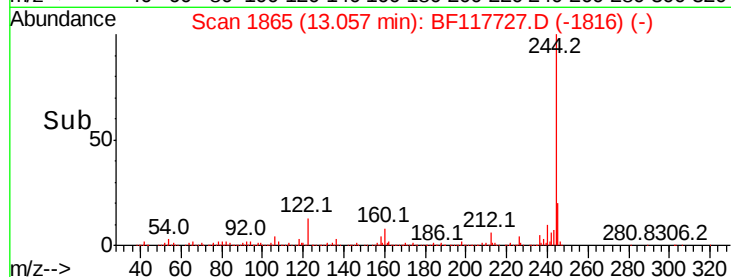
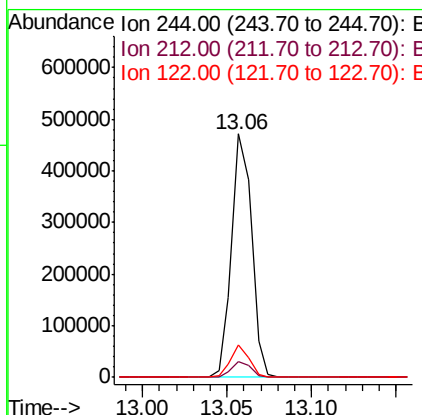
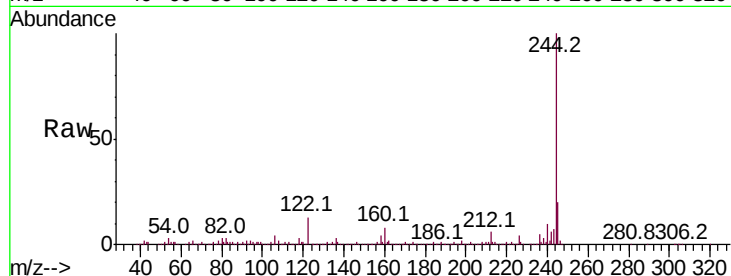
#79
 Terphenyl-d14
 Concen: 11.247 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117727.D
 Acq: 8 Nov 2019 1:22

Instrument :
 BNA_F
 ClientSampled :
 5-B

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	6.4	9.6
122	13.4	10.0	15.0

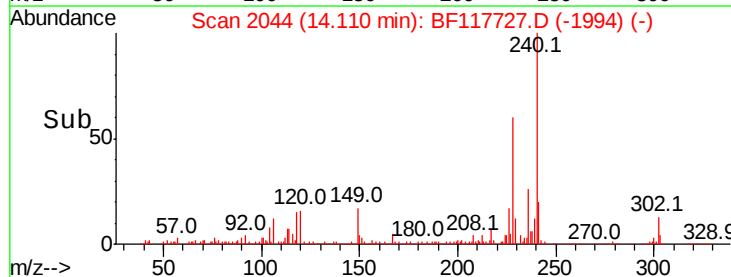
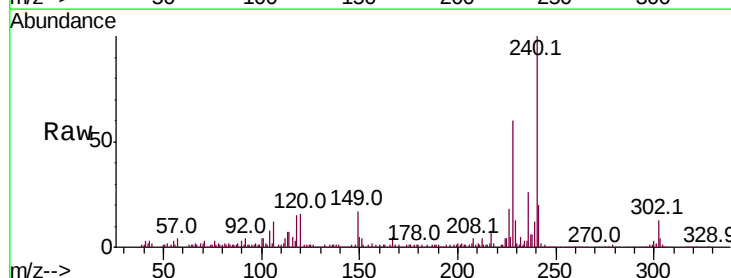
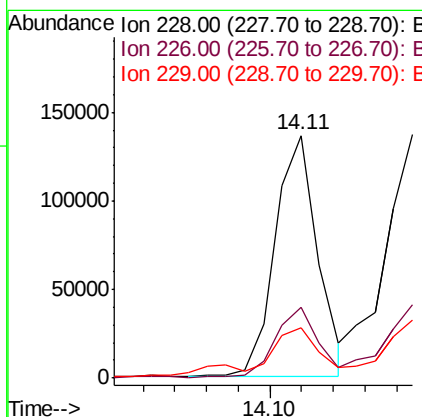
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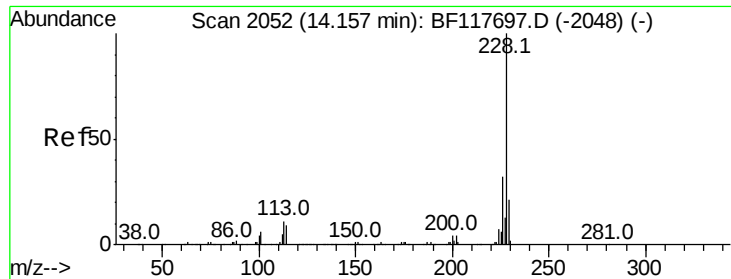
Sohil
 11/8/2019 3:31:51 PM



#81
 Benzo(a)anthracene
 Concen: 2.868 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117727.D
 Acq: 8 Nov 2019 1:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.9	22.8	34.2
229	21.0	16.9	25.3





#83

Chrysene

Concen: 2.954 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Instrument :

BNA_F

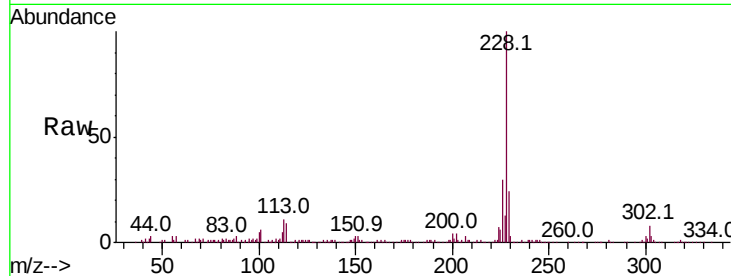
ClientSampled :

5-B

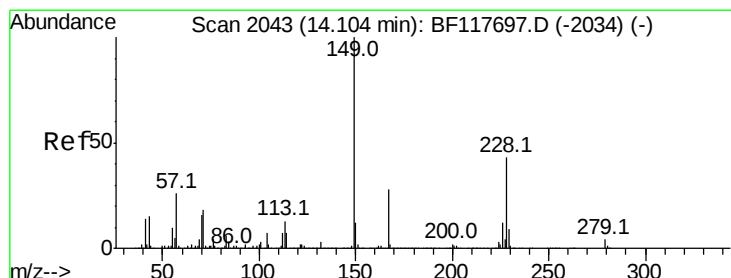
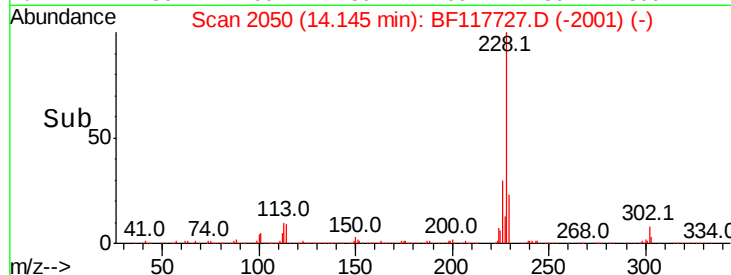
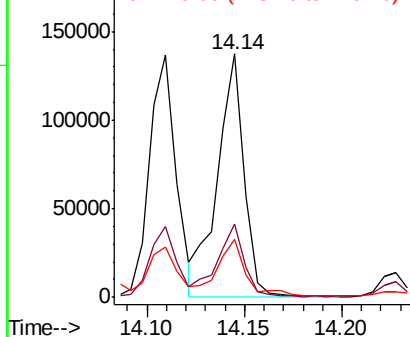
Tot Ion:	228	Resp:	129166
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	23.8	16.6	24.8

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.090 ng

RT: 14.10 min Scan# 2042

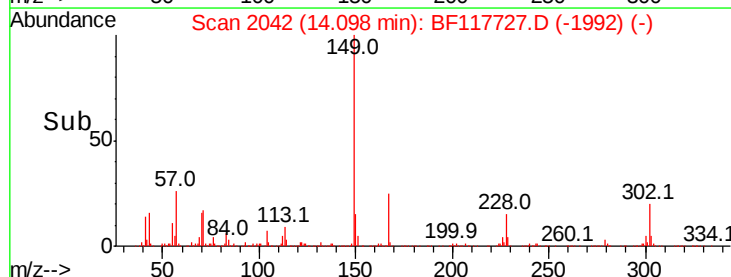
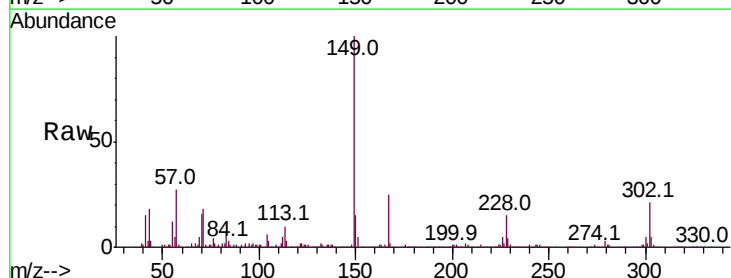
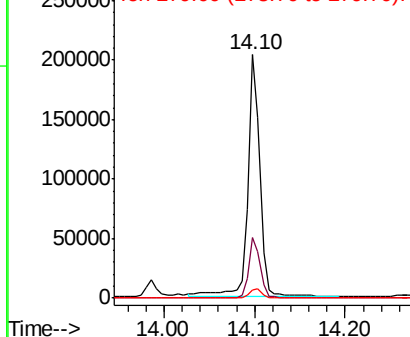
Delta R.T. -0.01 min

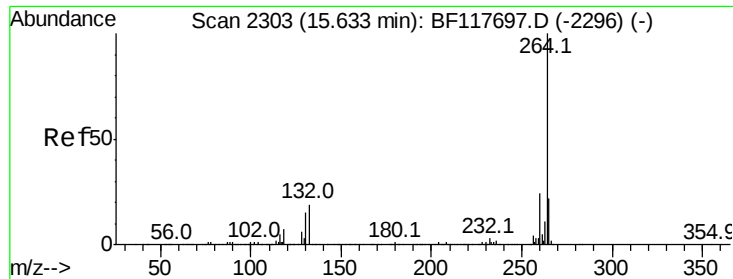
Lab File: BF117727.D

Acq: 8 Nov 2019 1:22

Tgt Ion:	149	Resp:	188412
Ion Ratio	Lower	Upper	
149	100		
167	24.7	22.2	33.2
279	3.3	3.4	5.2#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





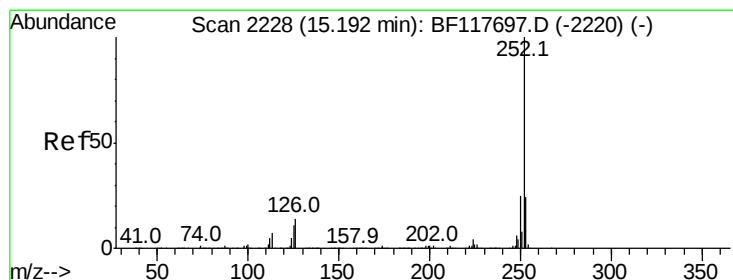
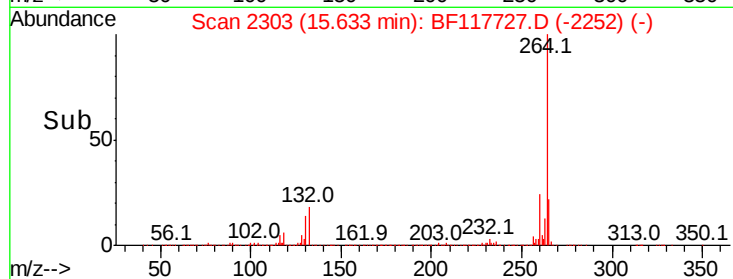
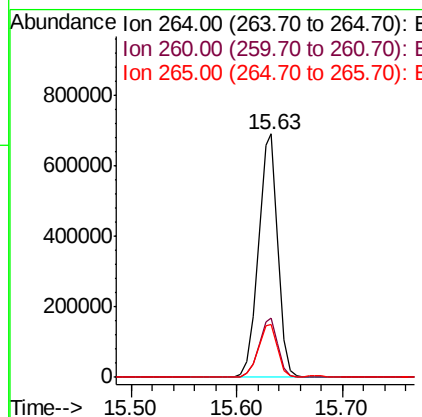
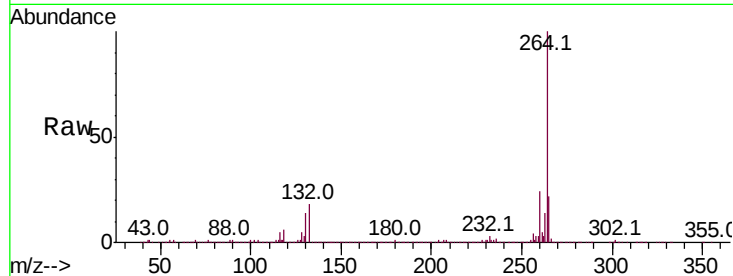
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Instrument :
BNA_F
ClientSampleId :
5-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.9	17.7	26.5

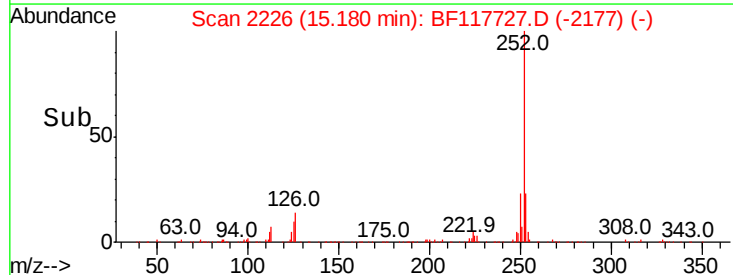
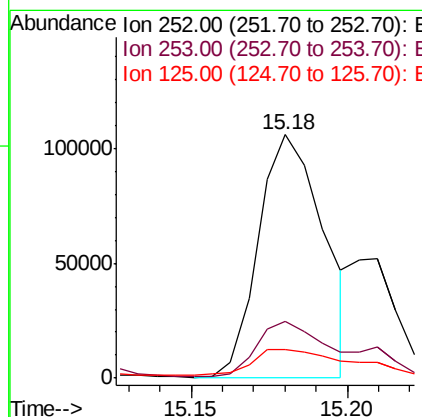
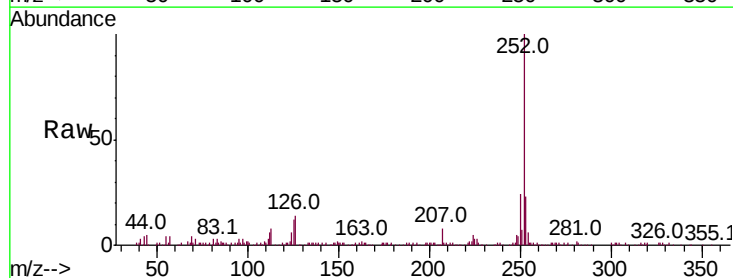
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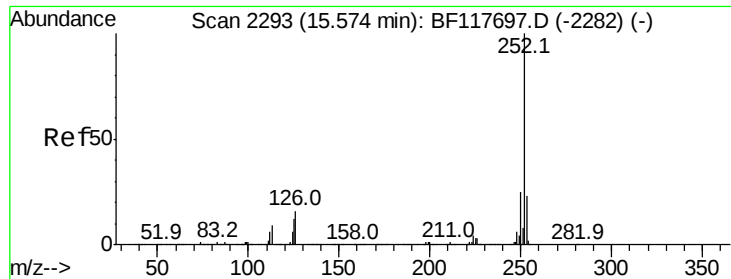
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#88
Benzo(b)fluoranthene
Concen: 2.756 ng m
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117727.D
Acq: 8 Nov 2019 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.5	8.5	12.7





#90
 Benzo(a)pyrene
 Concen: 2.421 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF117727.D
 Acq: 8 Nov 2019 1:22

Instrument :
 BNA_F
 ClientSampleId :
 5-B

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	18.0	27.0
125	11.6	9.5	14.3

Manual Integrations
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