

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118697.D
 Acq On : 24 Jan 2020 20:39
 Operator : CG/JU
 Sample : L1242-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200067-AMENDED-COMP-5

Manual Integrations
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mohammad
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Quant Time: Jan 27 02:45:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	248088	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	890049	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	472242	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	822677	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	509448	20.00	ng	-0.03
87) Perylene-d12	15.48	264	639307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	79331	5.94	ng	-0.02
7) Phenol-d6	6.49	99	474370	27.32	ng	-0.02
23) Nitrobenzene-d5	7.42	82	966355	60.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	24918	4.56	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1589712	55.33	ng	-0.02
79) Terphenyl-d14	12.96	244	1502495	64.33	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	80415	4.064	ng	Qvalue 95
50) Dimethylphthalate	9.61	163	335515	10.905	ng	98
71) Phenanthrene	11.40	178	130503	3.288	ng	92
75) Fluoranthene	12.59	202	175712	4.198	ng	94
77) Benzidine	12.71	184	174671	12.832	ng	98
78) Pyrene	12.82	202	202705	5.861	ng	92
81) Benzo(a)anthracene	14.00	228	164347m	5.363	ng	
83) Chrysene	14.04	228	152960	5.208	ng	95
86) Indeno(1,2,3-cd)pyrene	16.94	276	72190	2.829	ng	98
88) Benzo(b)fluoranthene	15.05	252	161580m	4.021	ng	
90) Benzo(a)pyrene	15.42	252	153763	4.436	ng	# 98
92) Benzo(a,h,i)perylene	17.38	276	71274	2.394	ng	97

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

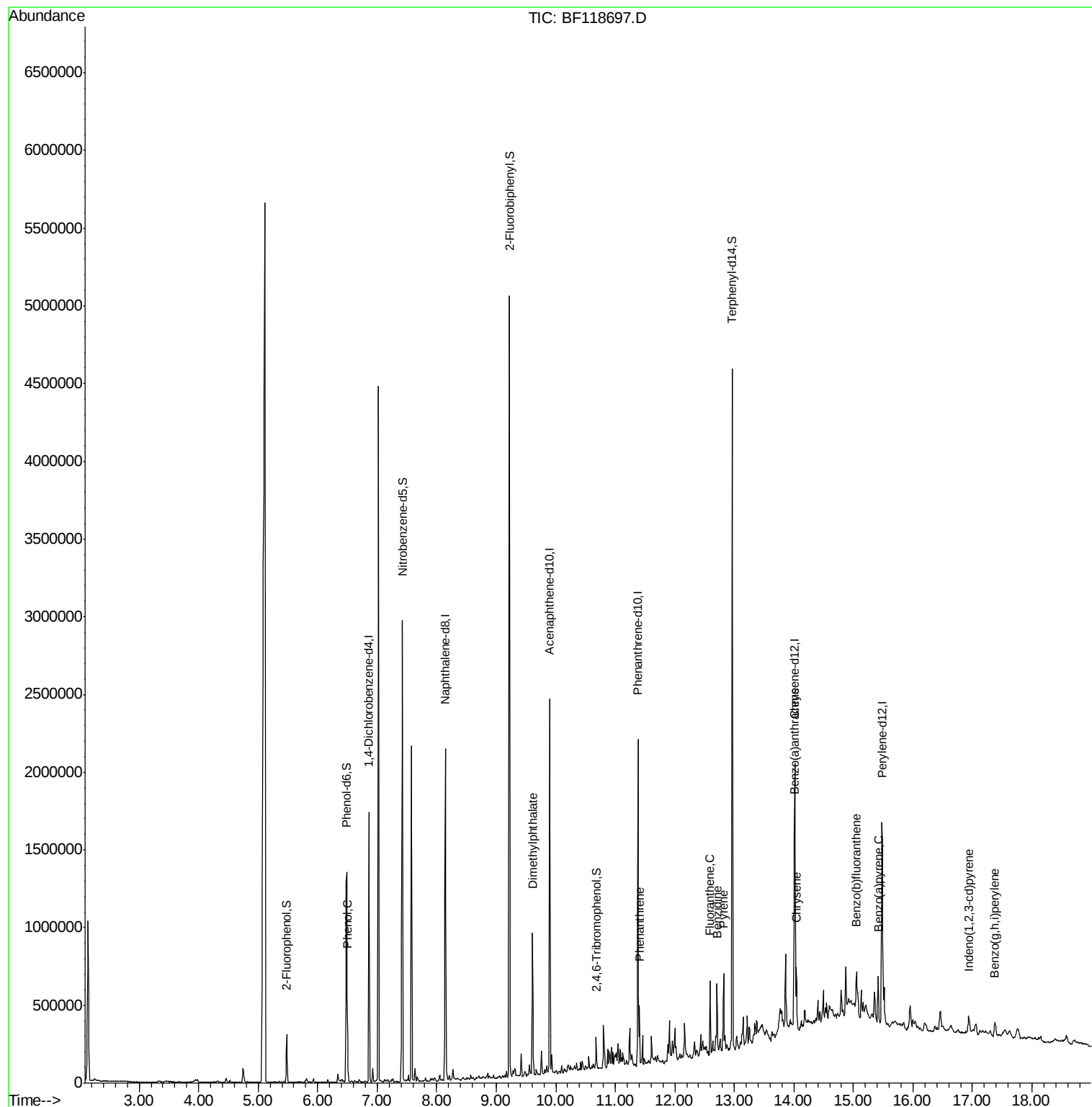
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118697.D
Acq On : 24 Jan 2020 20:39
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

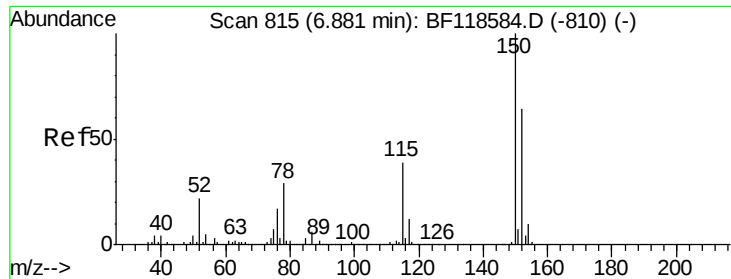
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20200067-AMENDED-COMP-5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

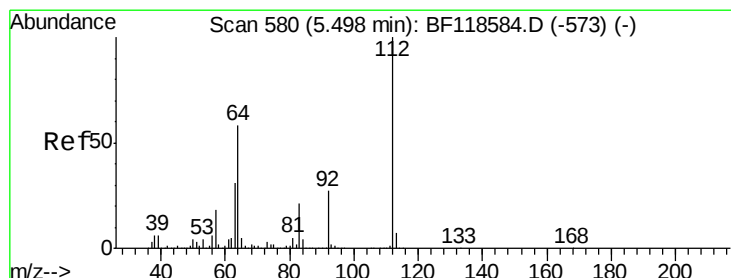
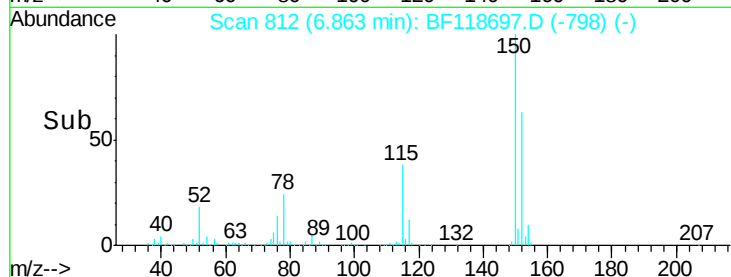
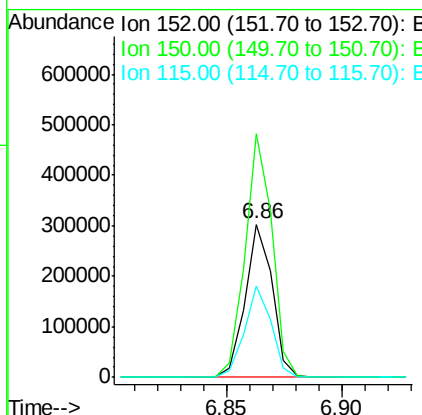
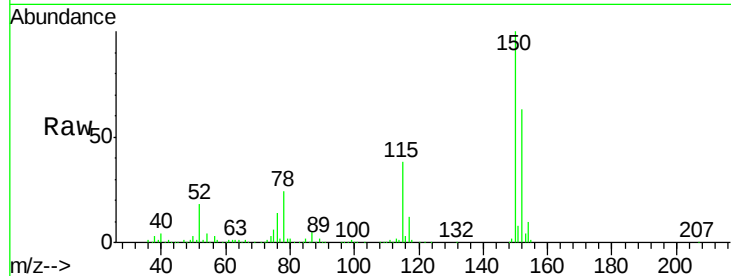
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
BNA_F
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.6	188.4
115	59.8	48.4	72.6

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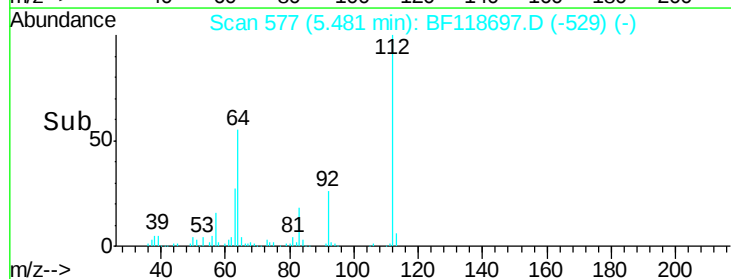
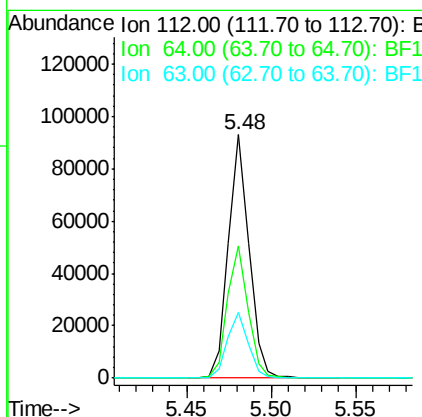
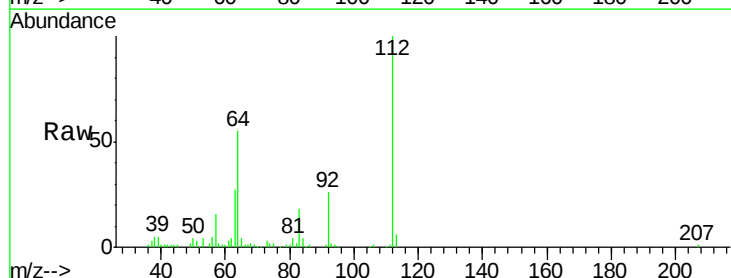
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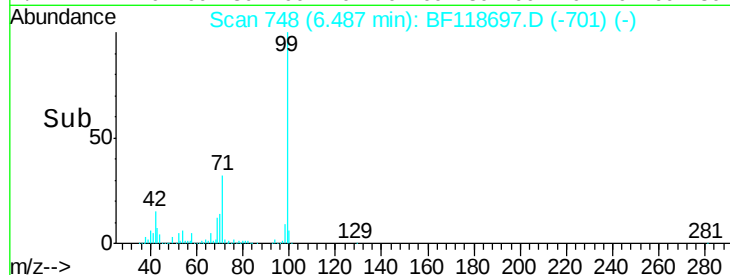
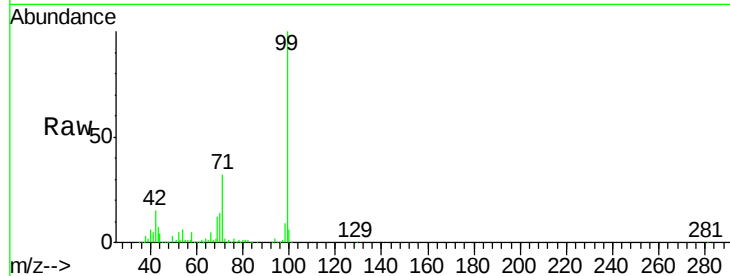
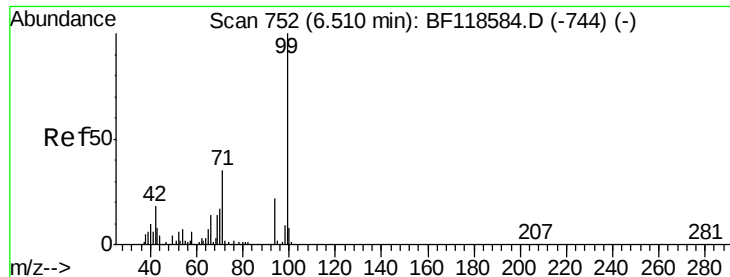


#5

2-Fluorophenol
Concen: 5.939 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.6	70.0
63	27.1	25.1	37.7





#7

Phenol-d6

Concen: 27.323 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Tot Ion:	99	Resp:	474370
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.2	21.2
71	31.6	27.8	41.6

Instrument :

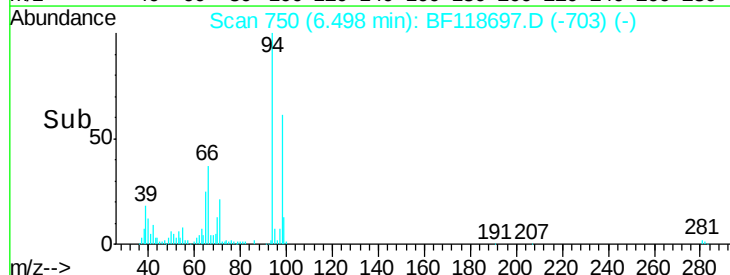
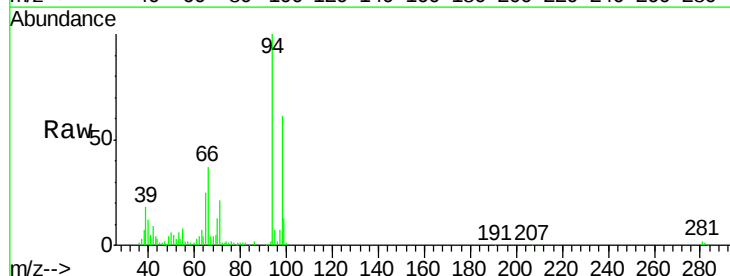
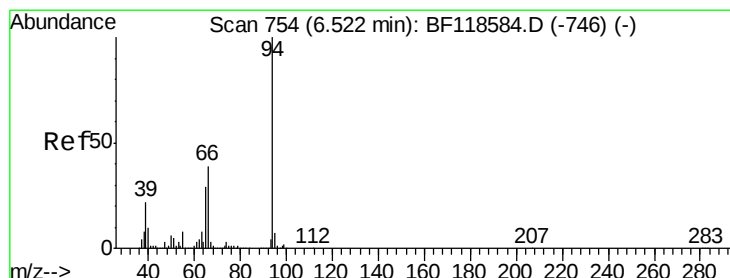
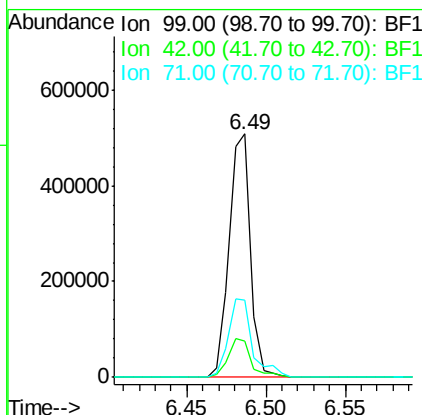
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 4.064 ng

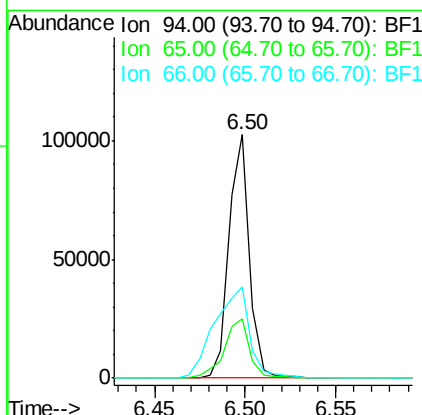
RT: 6.50 min Scan# 750

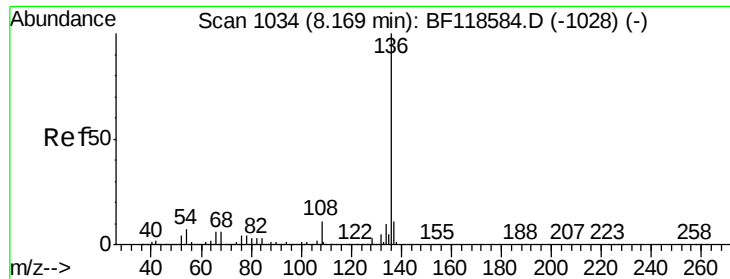
Delta R.T. -0.02 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Tgt Ion:	94	Resp:	80415
Ion Ratio	Lower	Upper	
94	100		
65	24.5	9.5	49.5
66	37.3	18.5	58.5





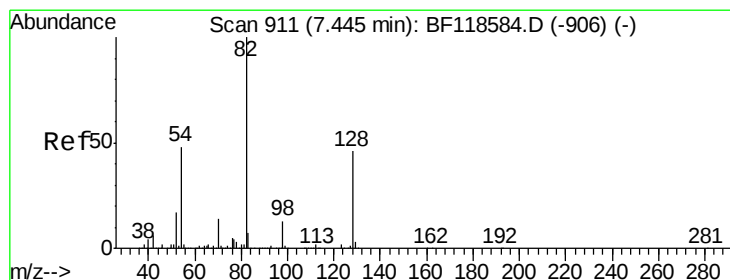
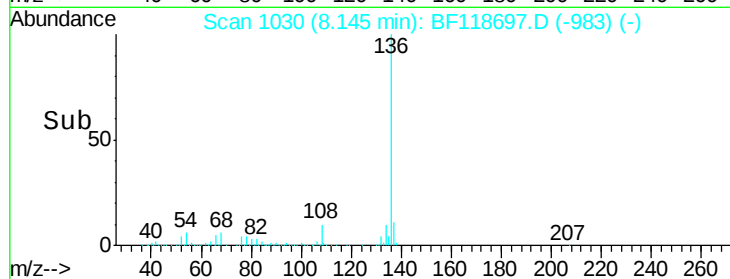
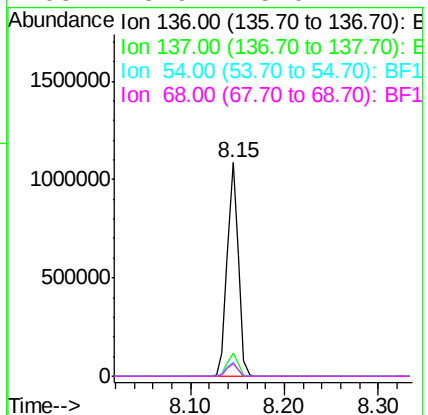
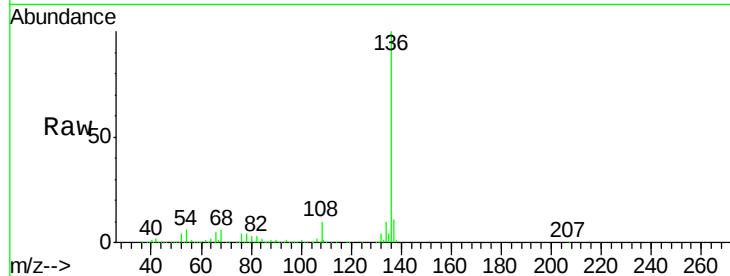
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
BNA_F
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		890049		
137	11.0	9.1	13.7		
54	6.5	5.8	8.6		
68	5.9	5.0	7.4		

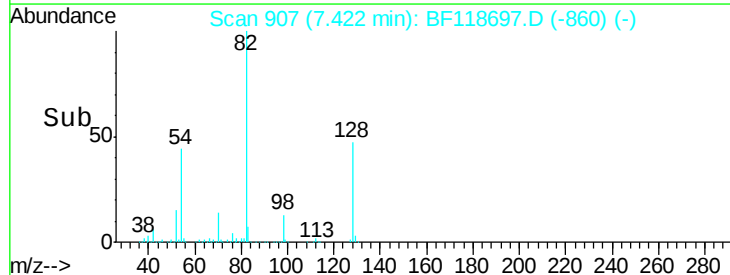
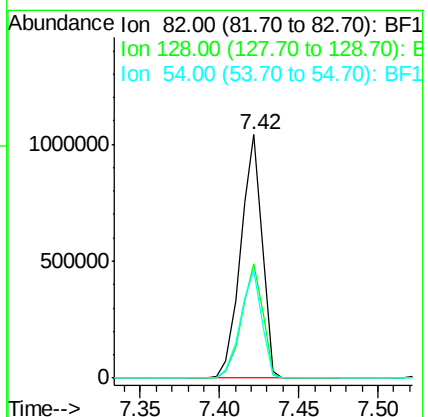
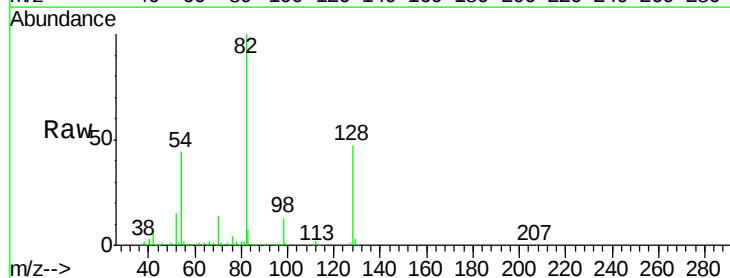
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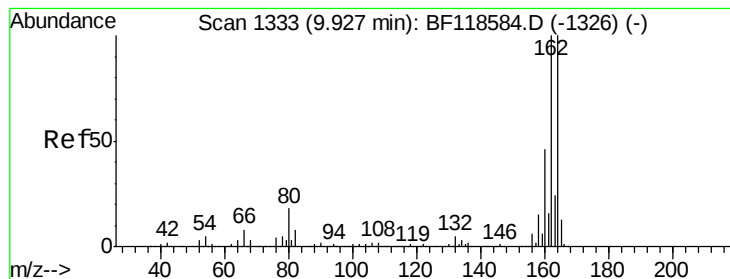
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#23
Nitrobenzene-d5
Concen: 60.729 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		966355		
128	46.9	36.6	54.8		
54	44.2	38.0	57.0		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Instrument :

BNA_F

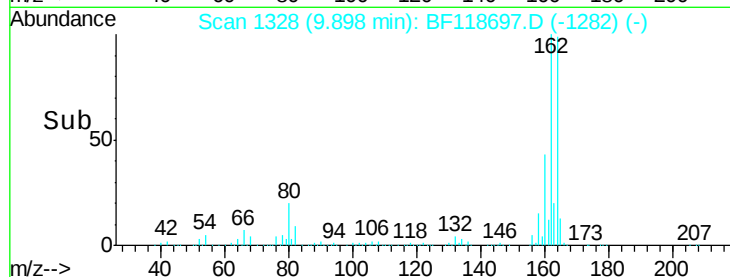
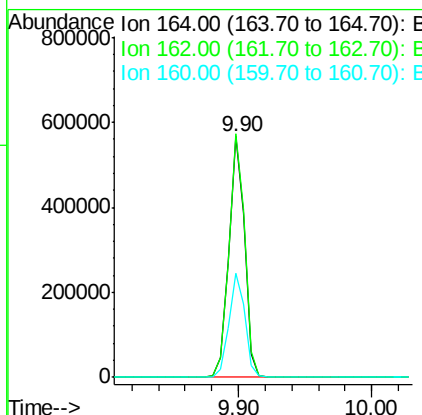
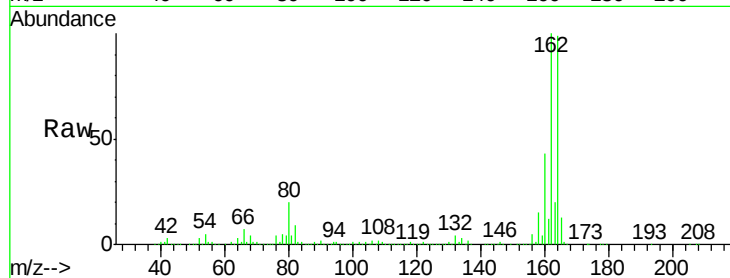
ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion:	164	Resp:	472242
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.4	120.6
160	43.4	36.6	55.0

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#42

2,4,6-Tribromophenol

Concen: 4.562 ng

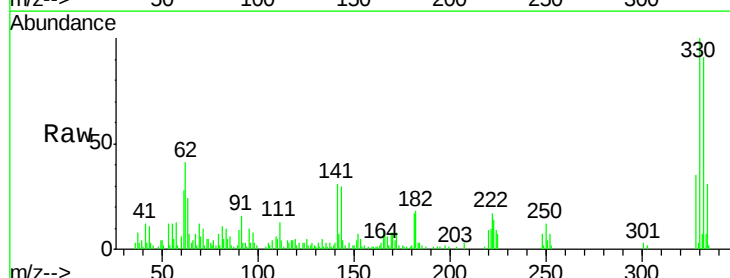
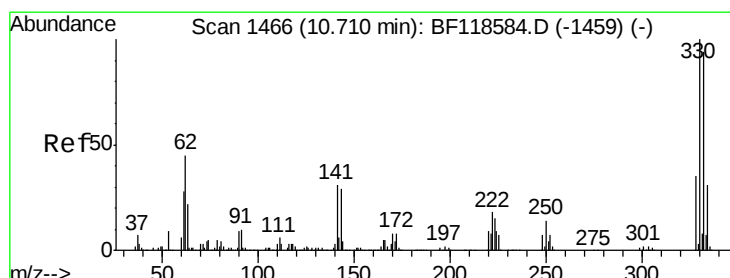
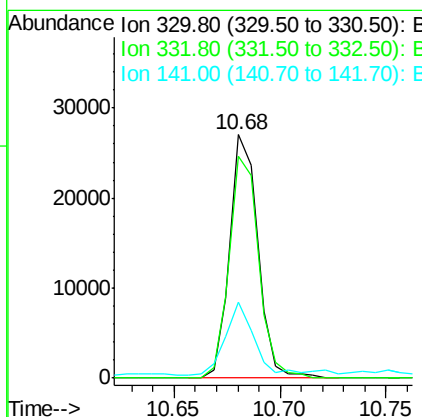
RT: 10.68 min Scan# 1461

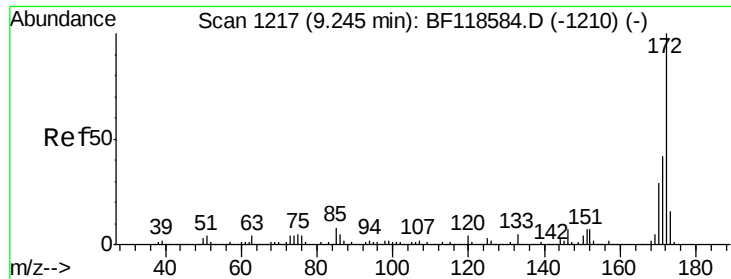
Delta R.T. -0.03 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Tgt Ion:	330	Resp:	24918
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	29.9	23.9	35.9





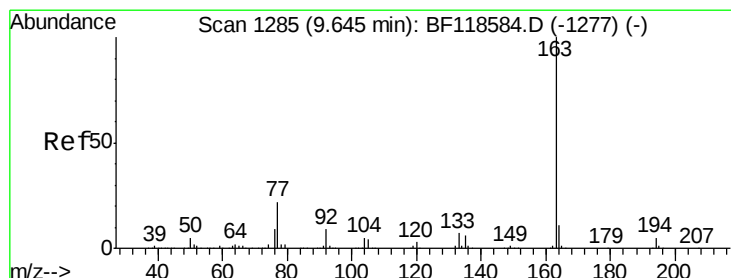
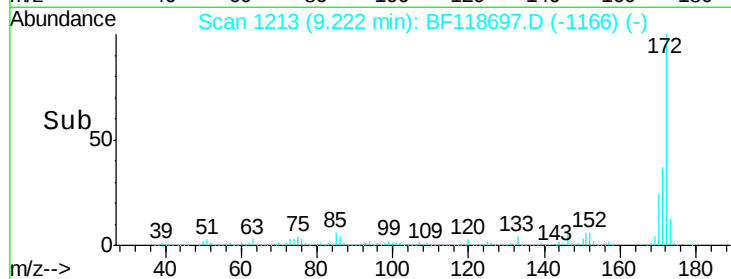
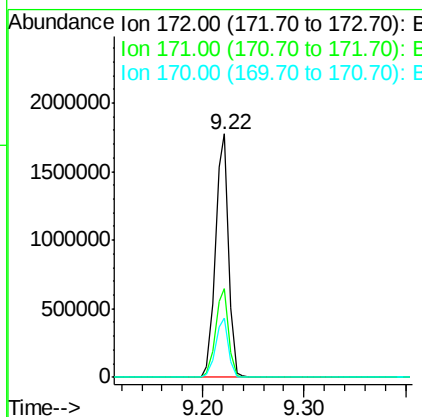
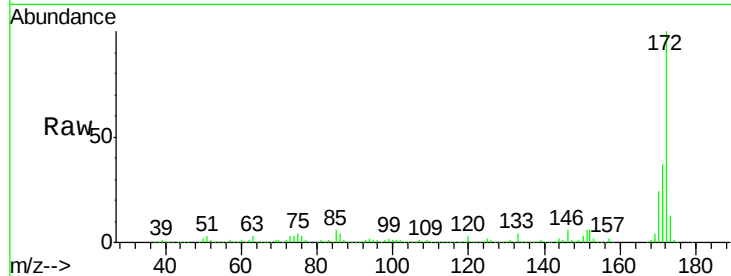
#45
2-Fluorobiphenyl
Concen: 55.329 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
BNA_F
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	33.4	50.2	
170	24.4	23.2	34.8	

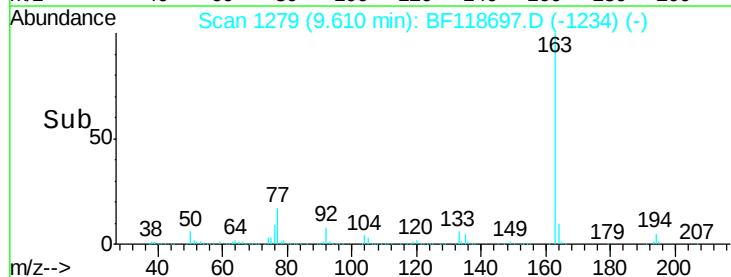
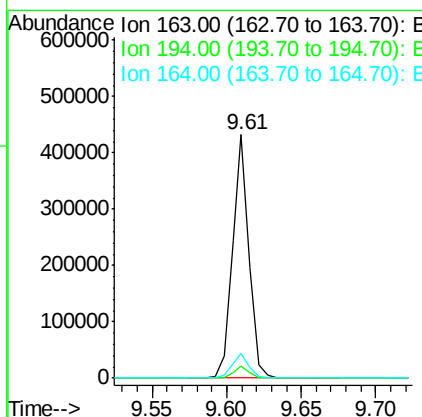
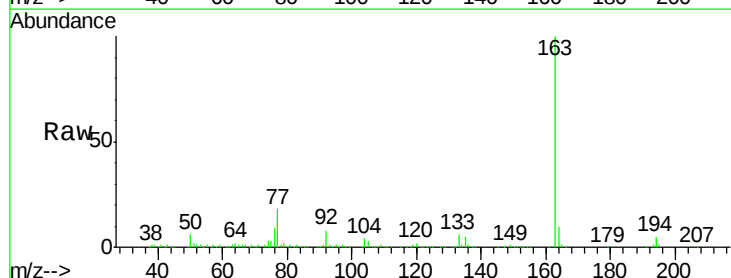
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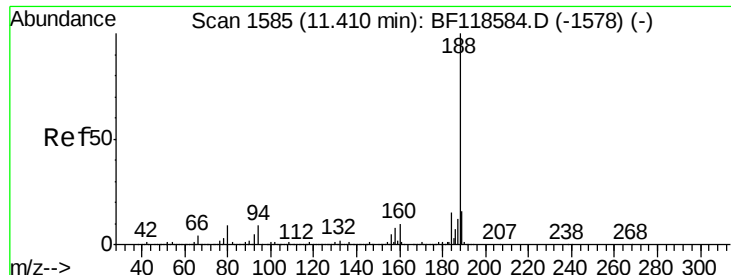
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#50
Dimethylphthalate
Concen: 10.905 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.8	3.9	5.9	
164	10.1	9.1	13.7	





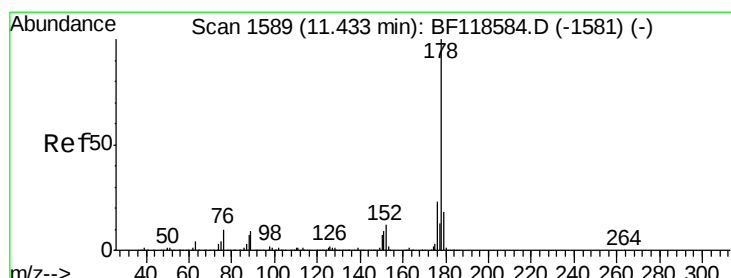
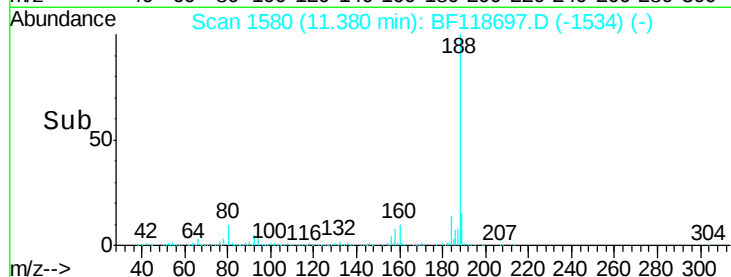
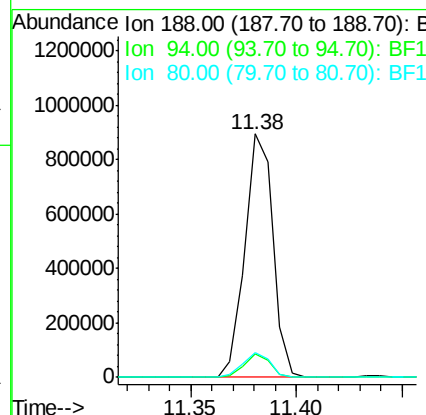
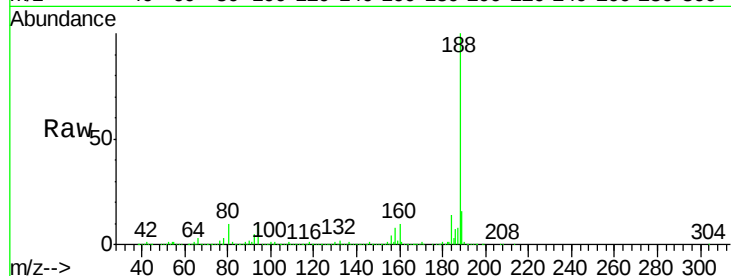
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
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Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	7.1	10.7
80	10.2	7.5	11.3

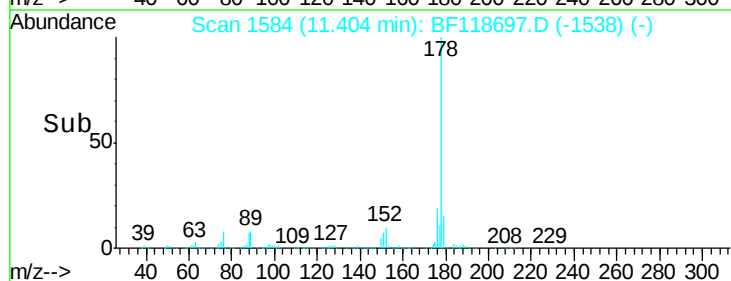
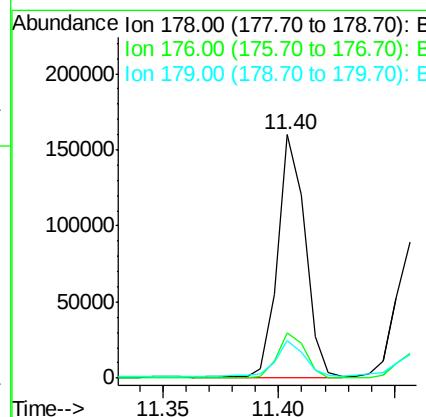
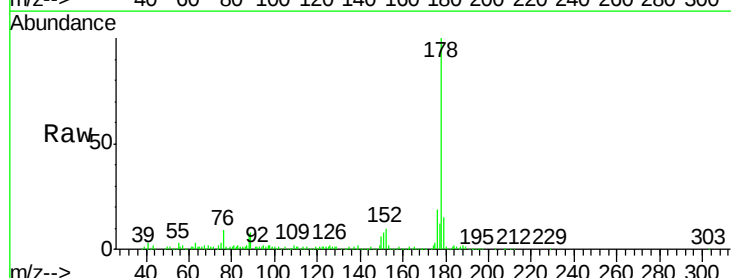
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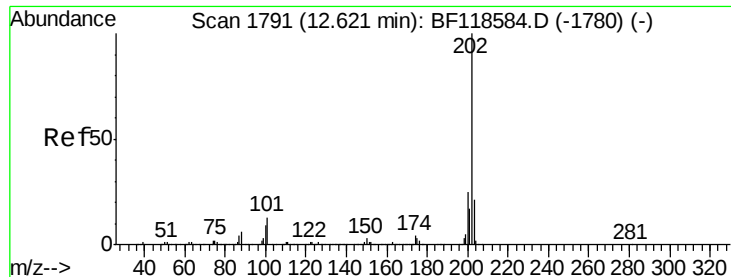
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#71
Phenanthrene
Concen: 3.288 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	18.6	27.8
179	15.4	14.7	22.1





#75

Fluoranthene

Concen: 4.198 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Instrument :

BNA_F

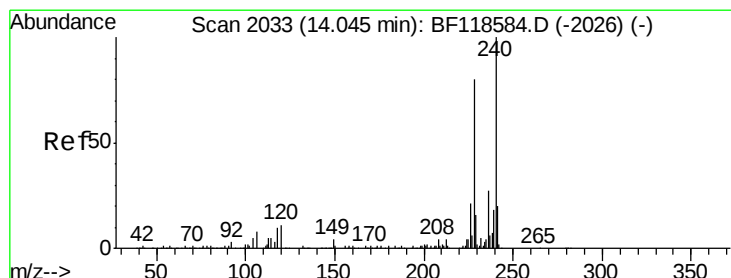
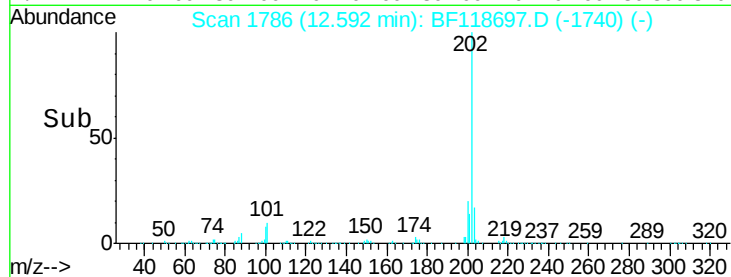
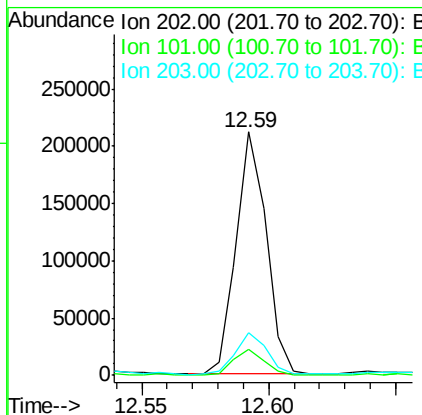
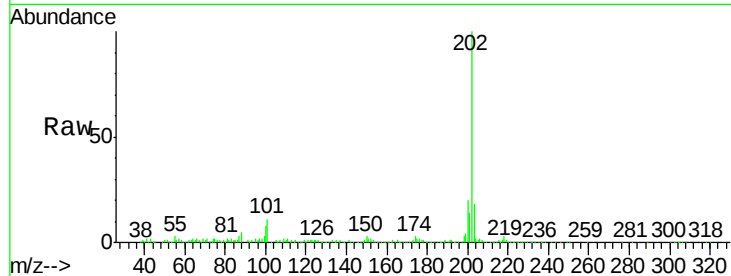
ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	175712		
101	10.5	0.0	32.5	
203	17.7	0.8	40.8	

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#76

Chrysene-d12

Concen: 20.000 ng

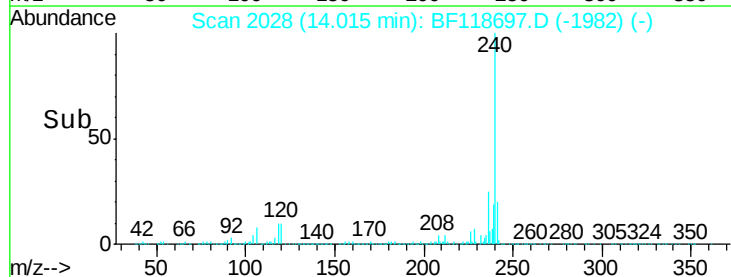
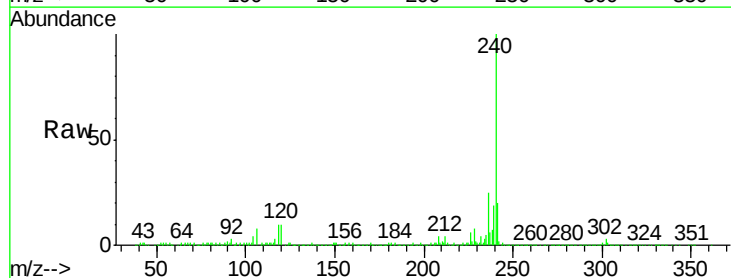
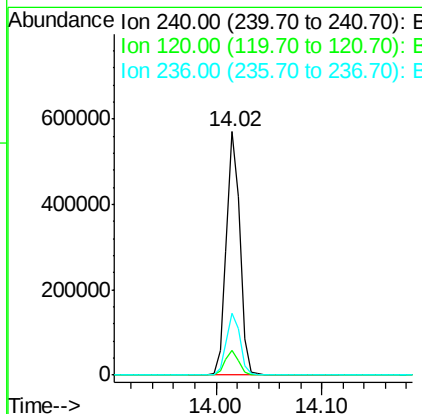
RT: 14.02 min Scan# 2028

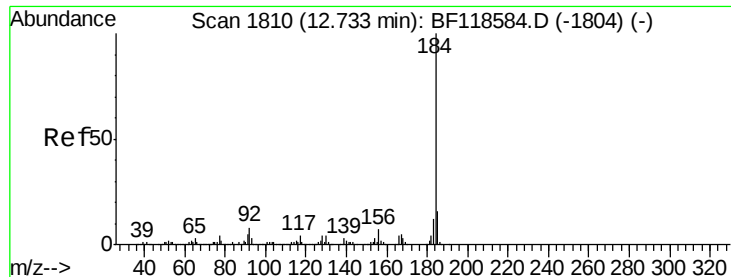
Delta R.T. -0.03 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	509448		
120	10.1	8.9	13.3	
236	25.2	21.5	32.3	





#77

Benzidine

Concen: 12.832 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Instrument :

BNA_F

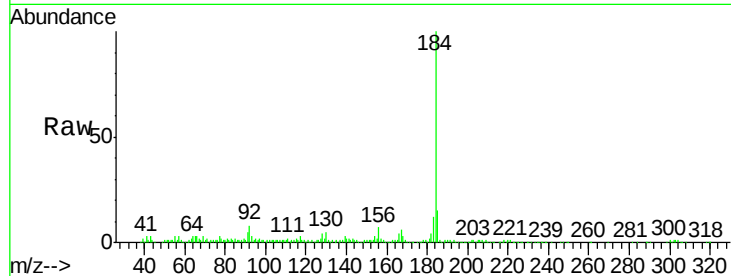
ClientSampleId :

20200067-AMENDED-COMP-5

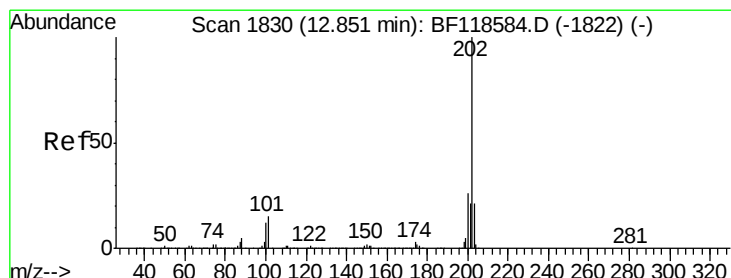
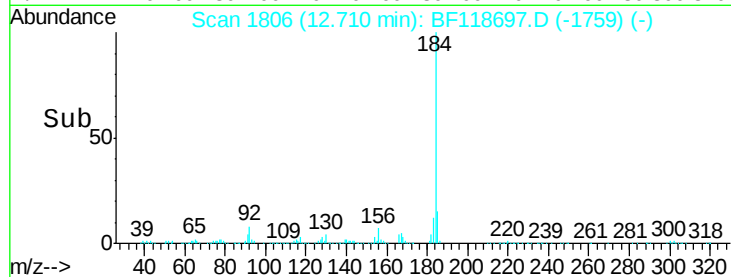
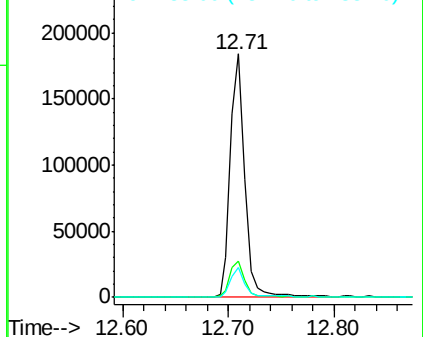
Tot Ion:	184	Resp:	174671
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	12.1	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.861 ng

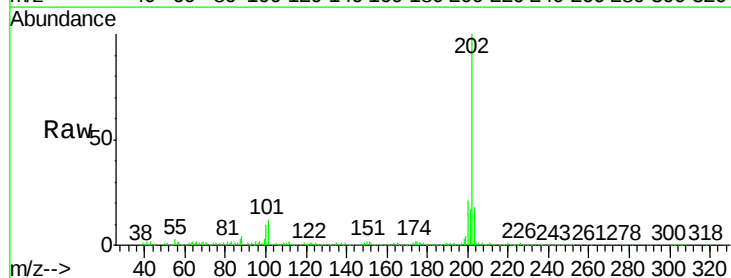
RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

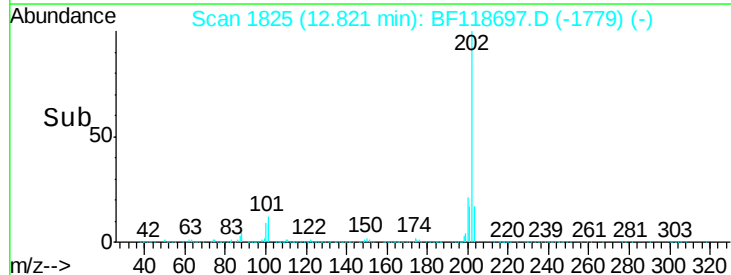
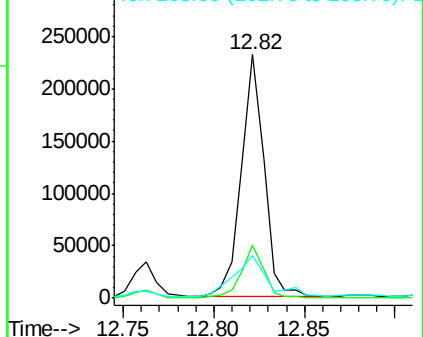
Lab File: BF118697.D

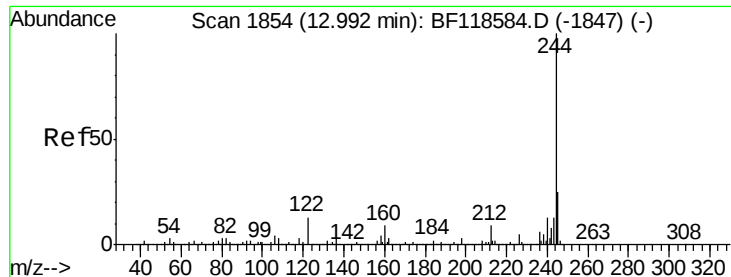
Acq: 24 Jan 2020 20:39

Tgt Ion:	202	Resp:	202705
Ion Ratio	Lower	Upper	
202	100		
200	21.5	20.6	31.0
203	17.6	16.8	25.2



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: 64.326 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Instrument :

BNA_F

ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion:244 Resp: 1502495

Ion Ratio Lower Upper

244 100

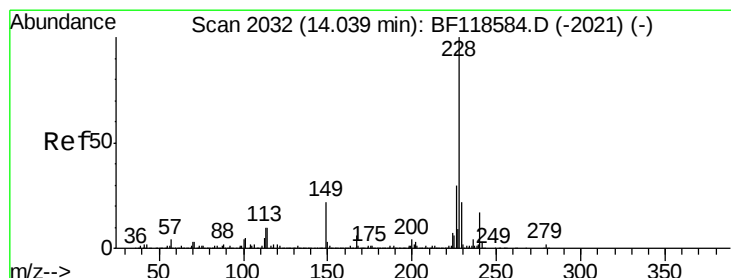
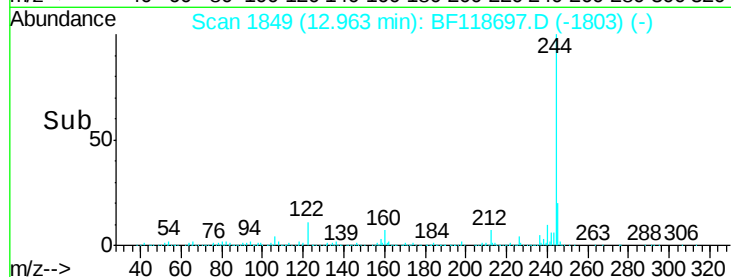
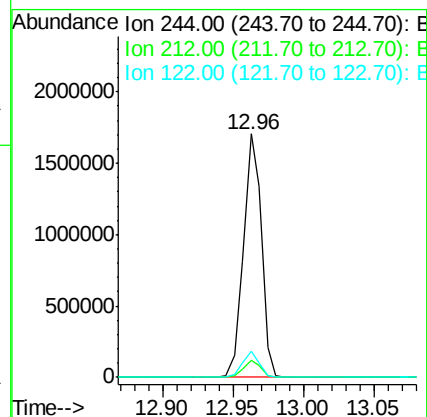
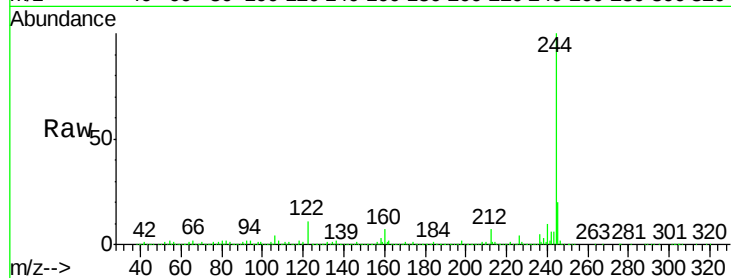
212 6.9 7.0 10.4#

122 10.9 10.7 16.1

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#81

Benzo(a)anthracene

Concen: 5.363 ng m

RT: 14.00 min Scan# 2026

Delta R.T. -0.04 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

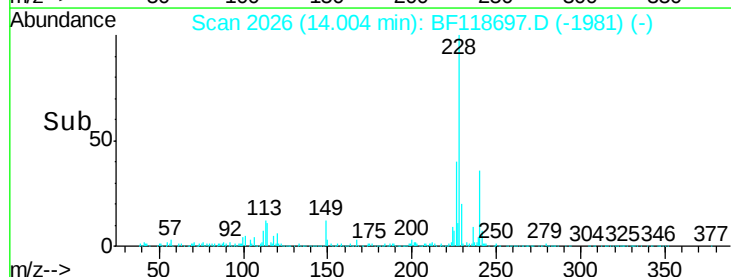
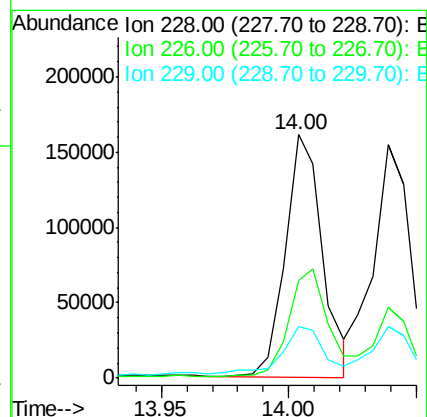
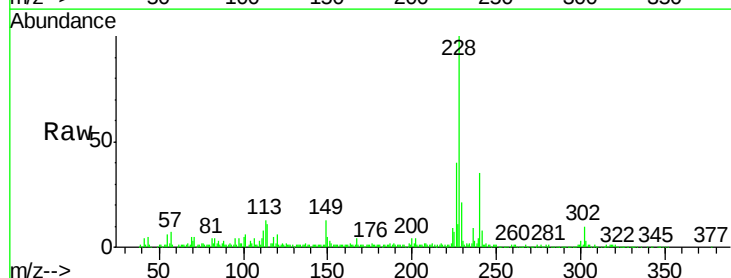
Tgt Ion:228 Resp: 164347

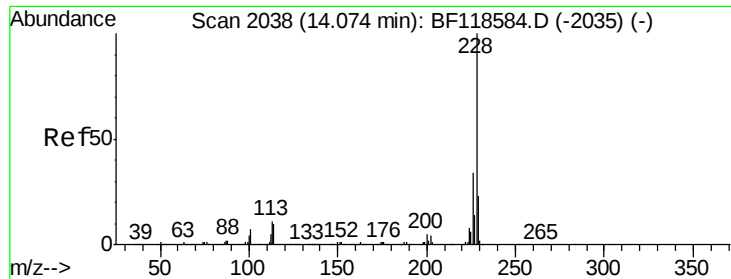
Ion Ratio Lower Upper

228 100

226 40.1 24.1 36.1#

229 21.5 17.6 26.4





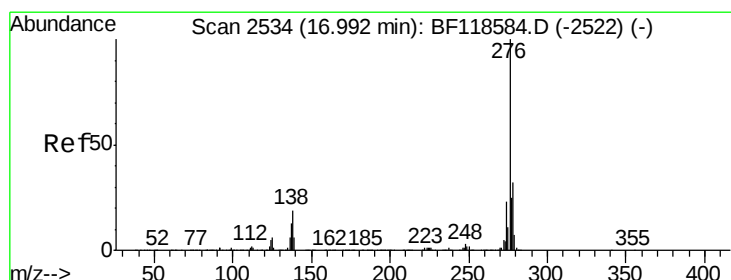
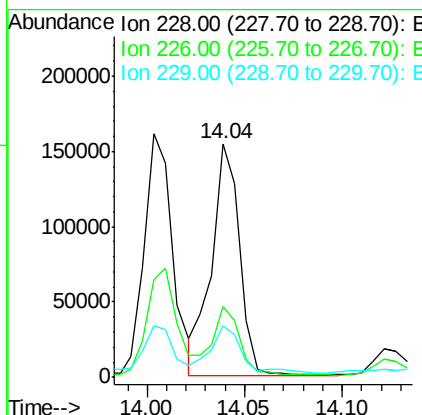
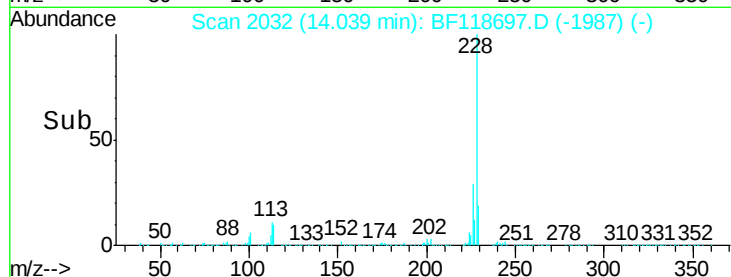
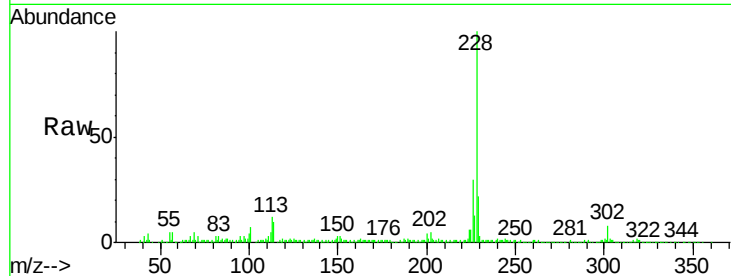
#83
Chrysene
Concen: 5.208 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
BNA_F
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion:	228	Resp:	152960
Ion Ratio	Lower	Upper	
228	100		
226	30.1	27.4	41.0
229	22.3	18.3	27.5

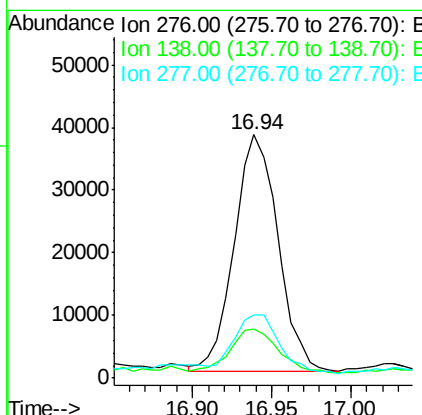
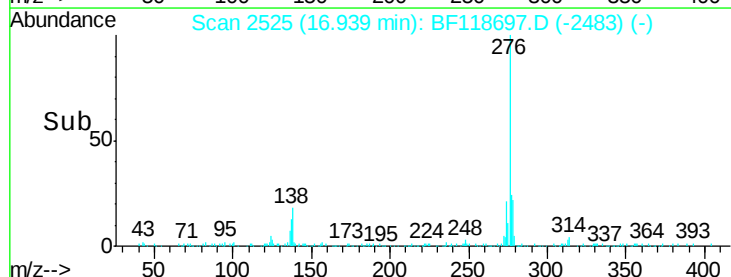
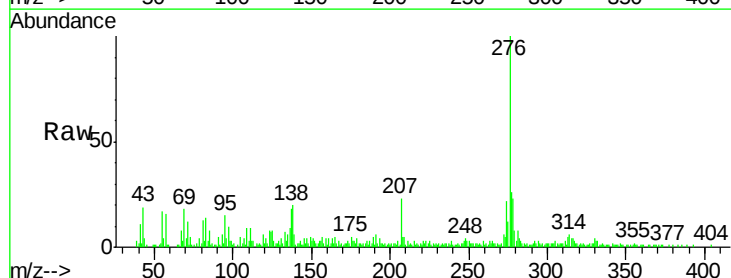
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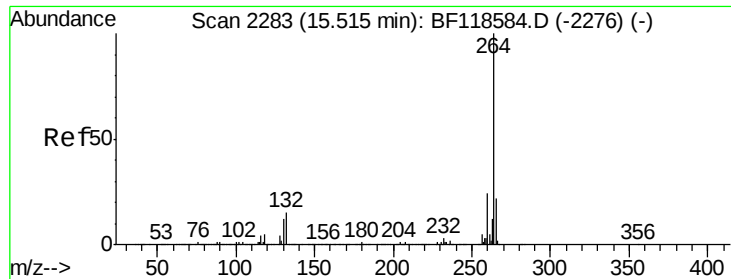
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.829 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion:	276	Resp:	72190
Ion Ratio	Lower	Upper	
276	100		
138	20.4	17.2	25.8
277	26.2	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Instrument :

BNA_F

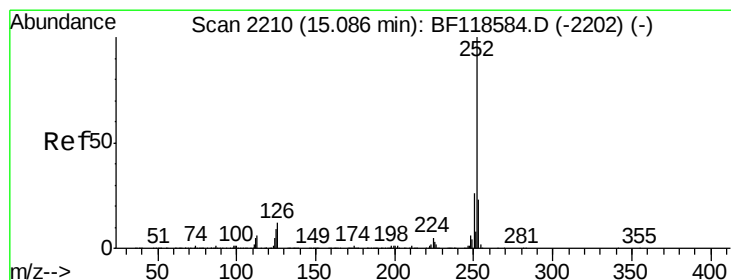
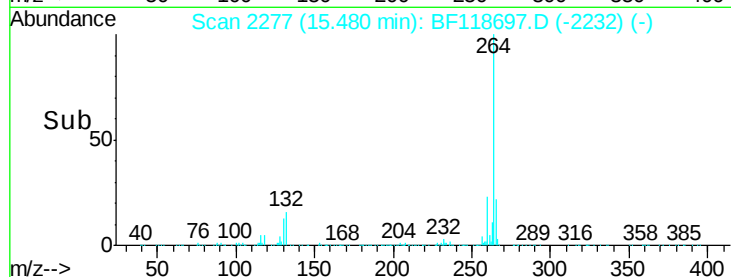
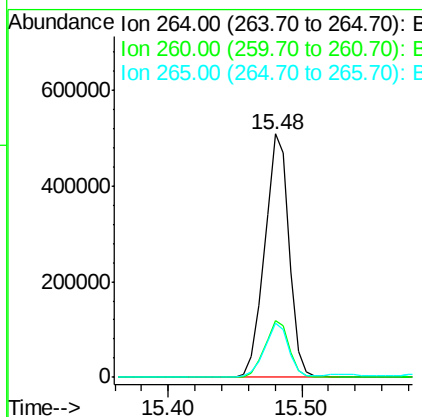
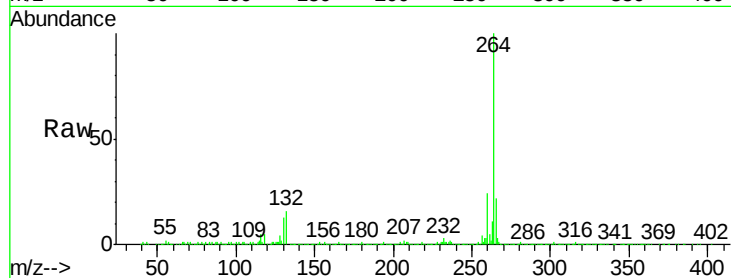
ClientSampleId :

20200067-AMENDED-COMP-5

Tot Ion:	264	Resp:	639307
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.6	29.4
265	22.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 4.021 ng m

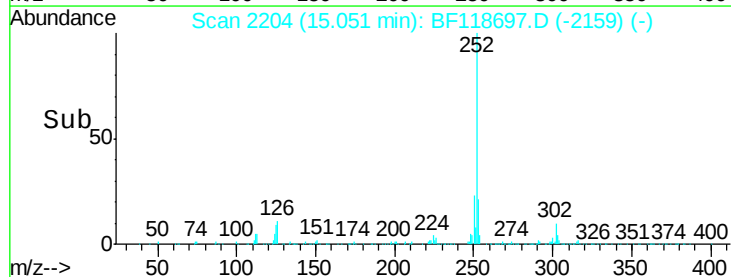
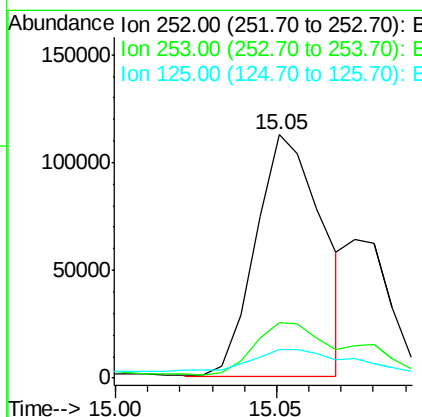
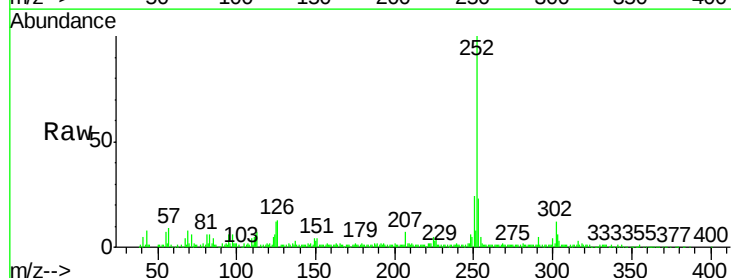
RT: 15.05 min Scan# 2204

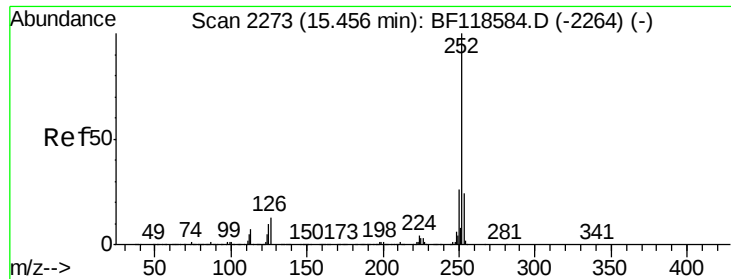
Delta R.T. -0.04 min

Lab File: BF118697.D

Acq: 24 Jan 2020 20:39

Tgt Ion:	252	Resp:	161580
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.7	28.1
125	11.8	7.3	10.9#





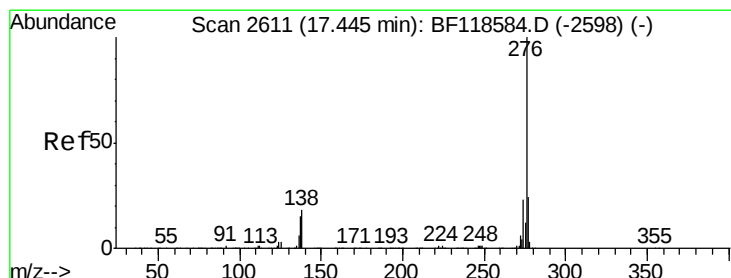
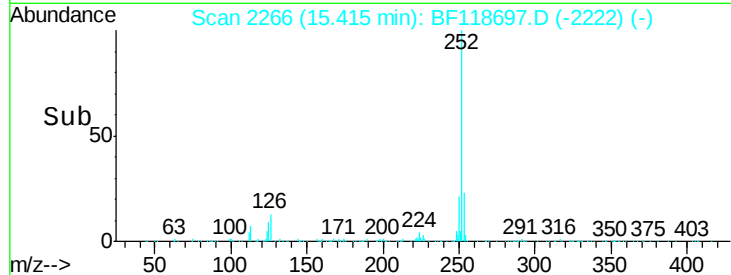
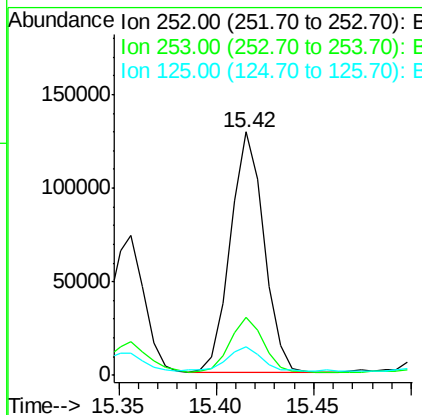
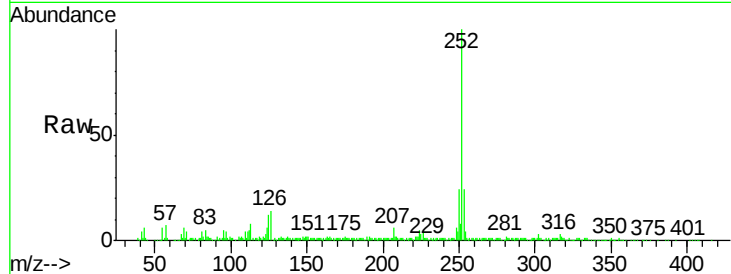
#90
Benzo(a)pyrene
Concen: 4.436 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Instrument :
BNA_F
ClientSampleId :
20200067-AMENDED-COMP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.8	28.2
125	11.7	7.8	11.6

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#92
Benzo(g,h,i)perylene
Concen: 2.394 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.06 min
Lab File: BF118697.D
Acq: 24 Jan 2020 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	19.5	14.4	21.6

