

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120482.D
 Acq On : 1 Jun 2020 20:16
 Operator : JU/CG
 Sample : L2505-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-052720

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Quant Time: Jun 02 00:39:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	201368	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	740247	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	357355	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	610525	20.00	ng	0.01
76) Chrysene-d12	14.01	240	455563	20.00	ng	0.01
86) Perylene-d12	15.47	264	371768	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	933638	88.36	ng	0.01
7) Phenol-d6	6.48	99	1166577	89.57	ng	0.01
23) Nitrobenzene-d5	7.40	82	706441	62.43	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	304443	91.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1362519	64.69	ng	0.00
79) Terphenyl-d14	12.96	244	1344729	65.68	ng	0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	281307	12.59	ng	99
71) Phenanthrene	11.39	178	264027	9.81	ng	97
72) Anthracene	11.44	178	110740	4.10	ng	99
75) Fluoranthene	12.59	202	586511	20.26	ng	96
78) Pyrene	12.82	202	553263	17.46	ng	99
81) Benzo(a)anthracene	14.00	228	286796	11.75	ng	96
83) Chrysene	14.03	228	258314	10.09	ng	95
87) Indeno(1,2,3-cd)pyrene	16.93	276	115042	5.66	ng	95
88) Benzo(b)fluoranthene	15.05	252	309014m	14.97	ng	
89) Benzo(k)fluoranthene	15.07	252	74130m	3.85	ng	
90) Benzo(a)pyrene	15.41	252	202907	11.23	ng	# 93
92) Benzo(g,h,i)perylene	17.37	276	112258	6.87	ng	95

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

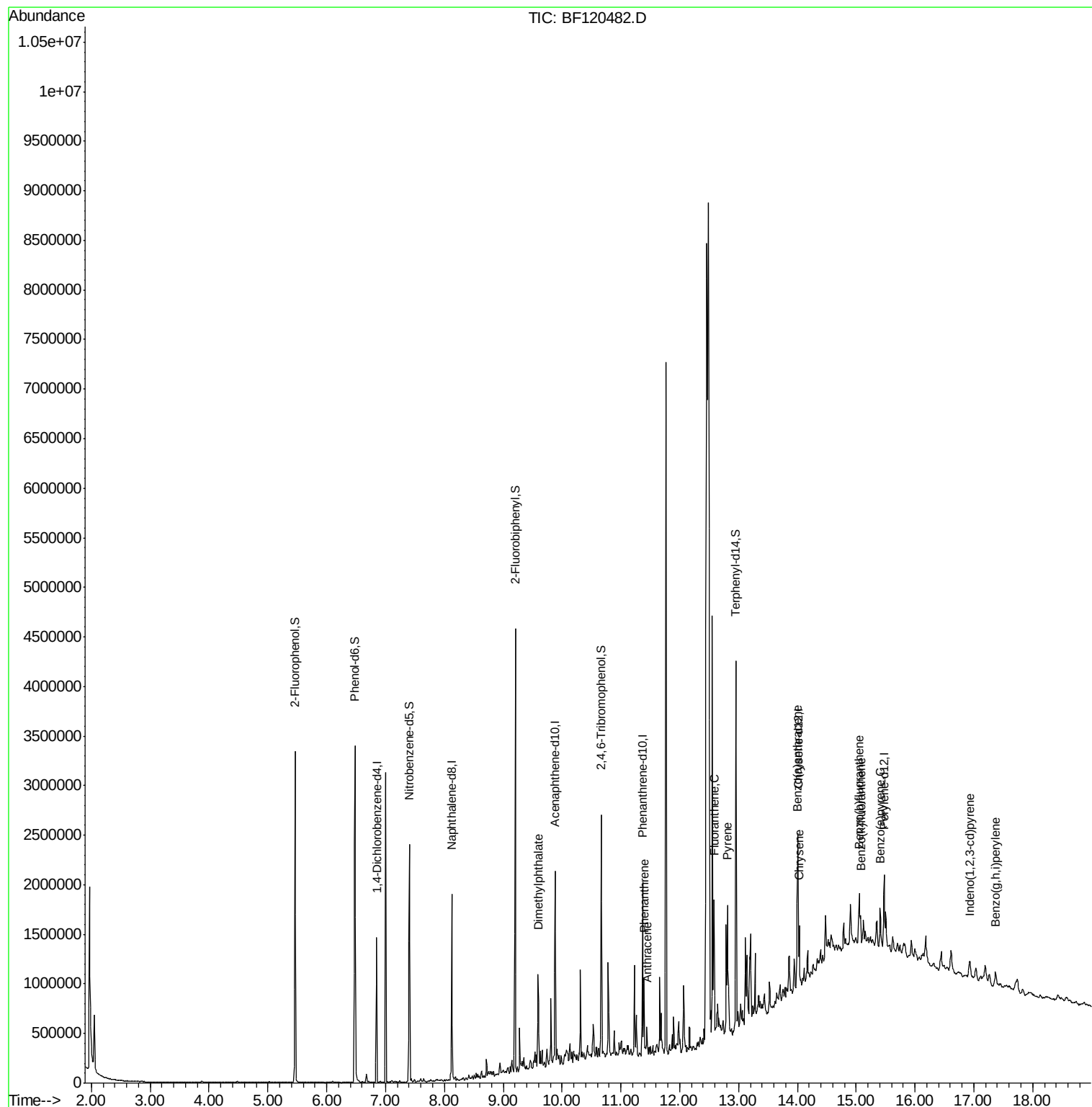
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120482.D
Acq On : 1 Jun 2020 20:16
Operator : JU/CG
Sample : L2505-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

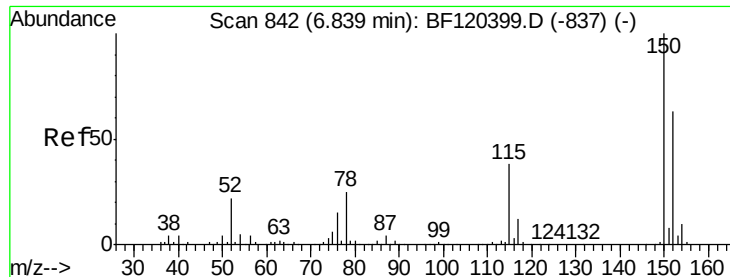
Instrument :
BNA_F
ClientSampleId :
SU-01-052720

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Quant Time: Jun 02 00:39:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration





#1

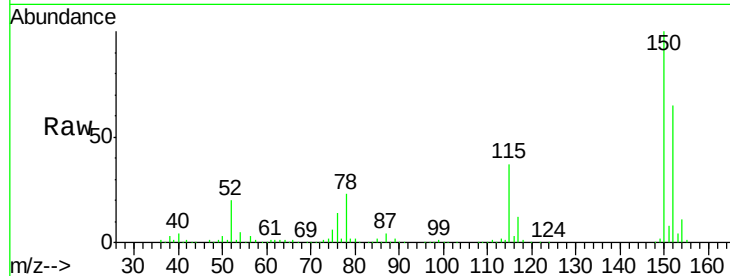
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Instrument :
BNA_F
ClientSampleId :
SU-01-052720

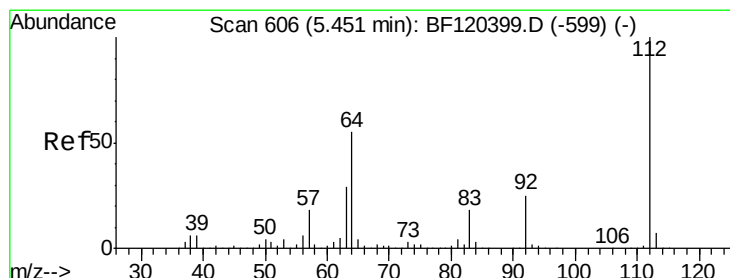
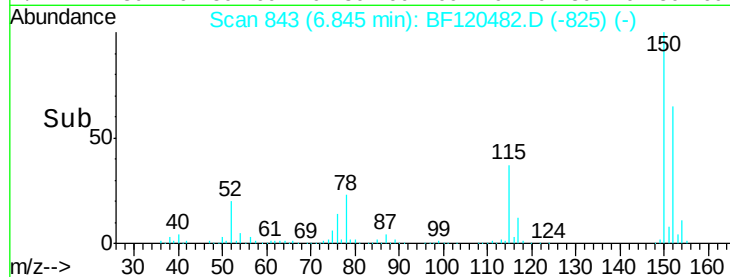
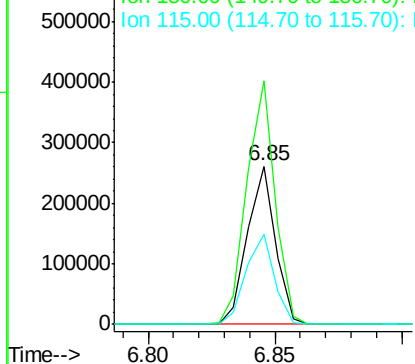
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.5	189.7
115	56.4	47.6	71.4

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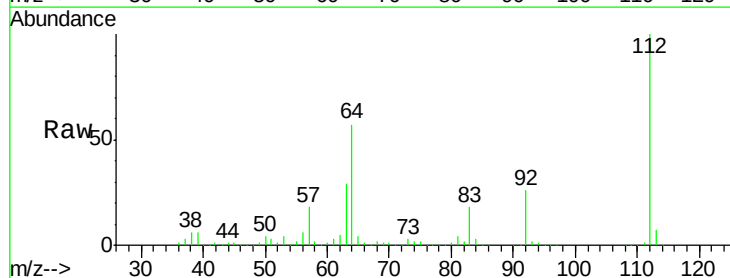
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



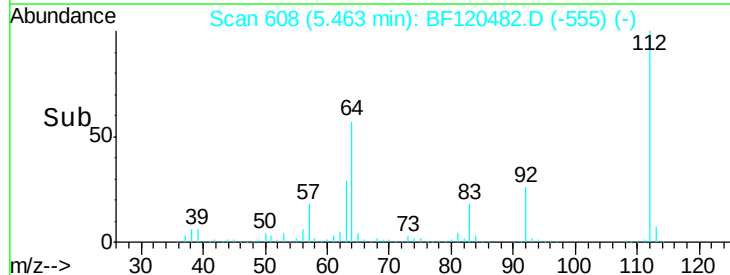
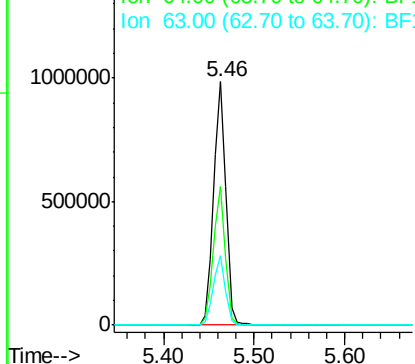
#5

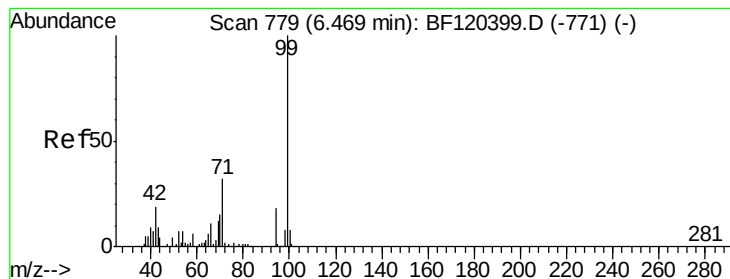
2-Fluorophenol
Concen: 88.36 ng
RT: 5.46 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.3	66.5
63	28.8	22.9	34.3



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: 89.57 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120482.D

Acq: 1 Jun 2020 20:16

Instrument :

BNA_F

ClientSampleId :

SU-01-052720

Tgt Ion: 99 Resp: 1166577

Ion Ratio Lower Upper

99 100

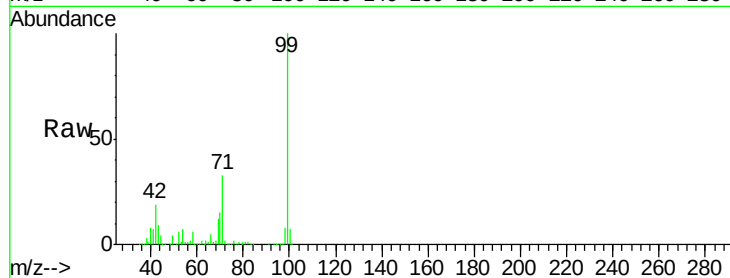
42 18.7 15.2 22.8

71 33.3 25.6 38.4

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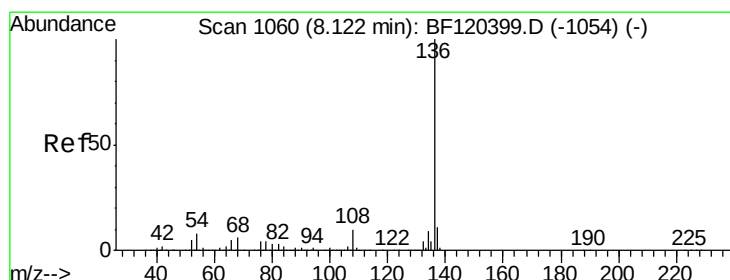
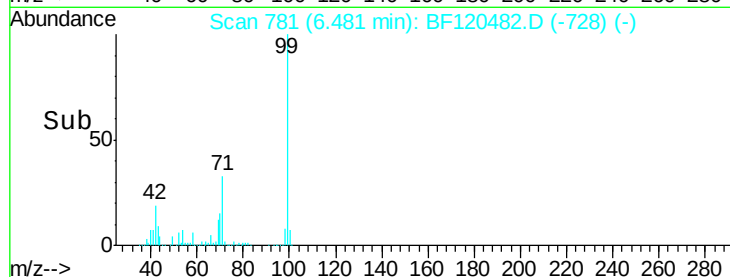
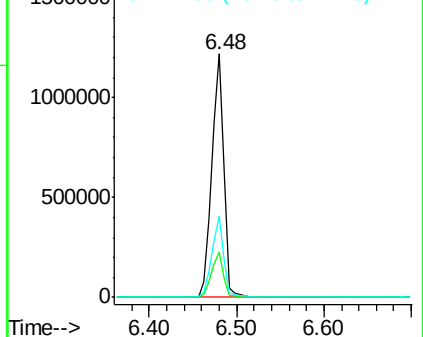
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF120482.D

Acq: 1 Jun 2020 20:16

Tgt Ion: 136 Resp: 740247

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 6.7 10.1

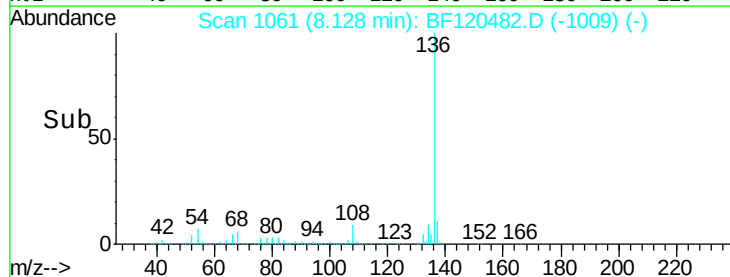
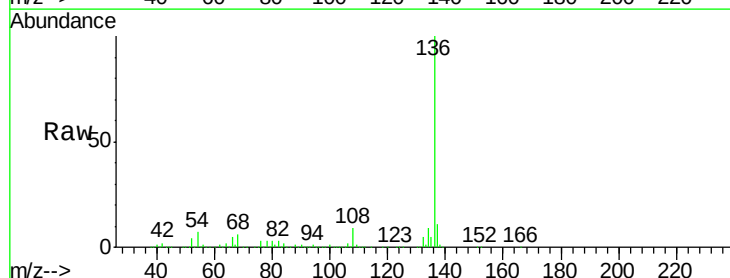
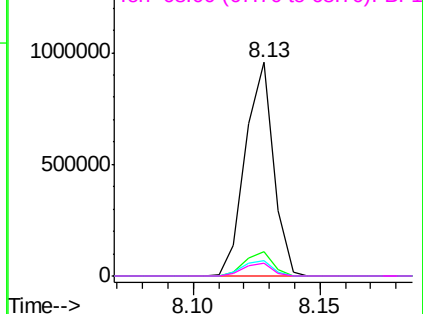
68 5.8 5.0 7.4

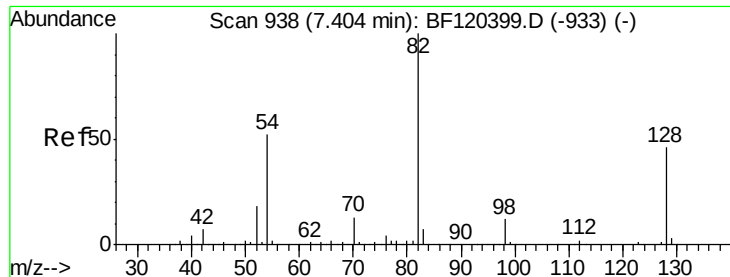
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





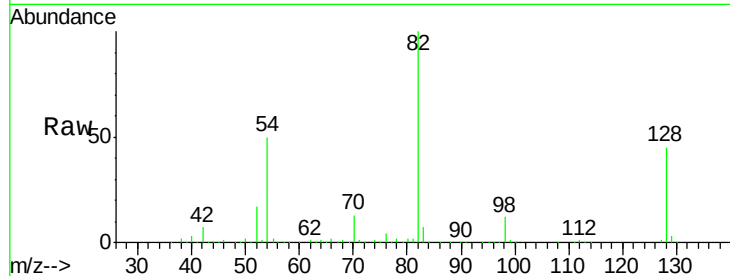
#23
Nitrobenzene-d5
Concen: 62.43 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Instrument :
BNA_F
ClientSampleId :
SU-01-052720

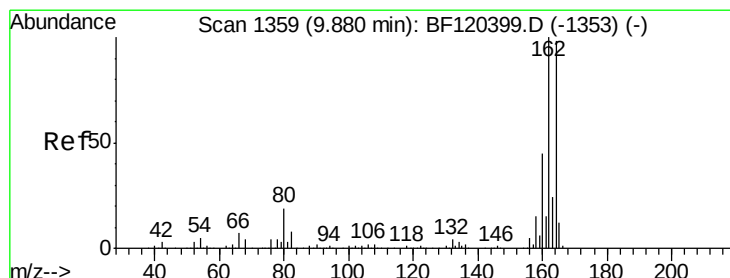
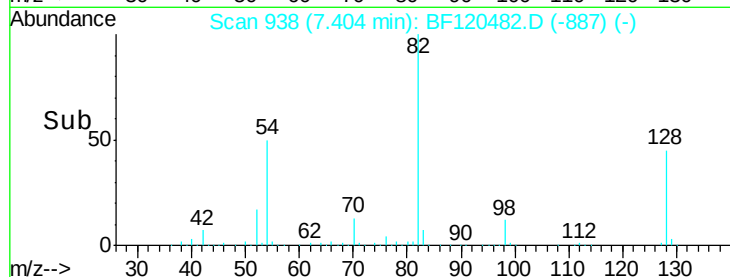
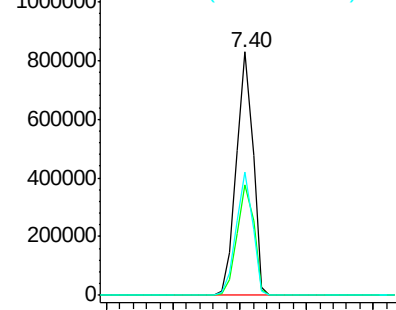
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	706441		
128	45.2	36.8	55.2	
54	50.4	41.6	62.4	

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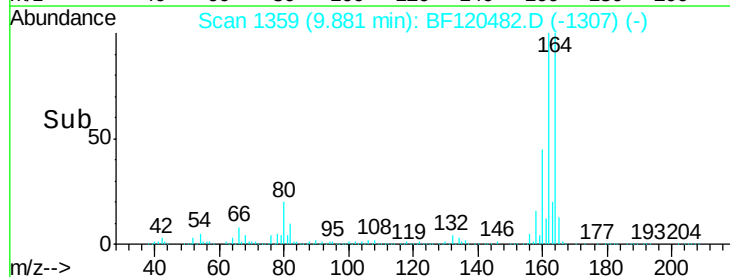
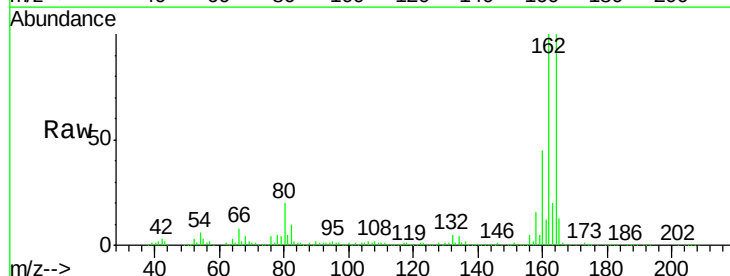
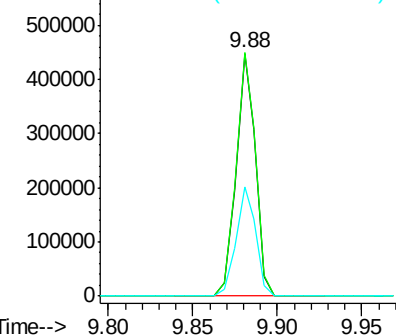
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

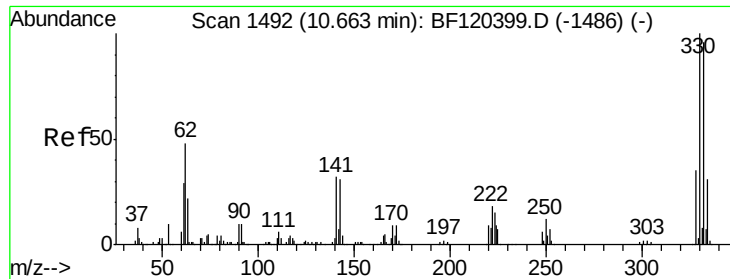


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357355		
162	100.2	81.3	121.9	
160	45.1	36.9	55.3	

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





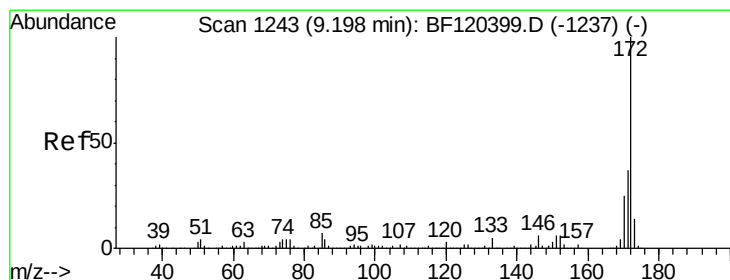
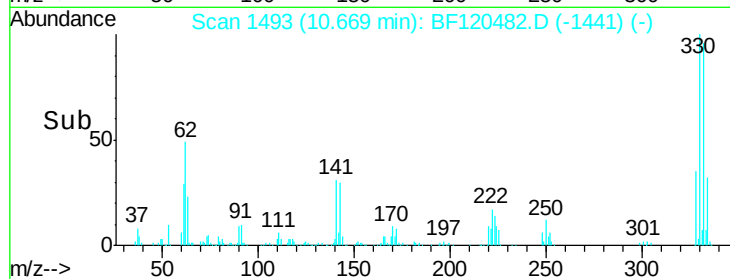
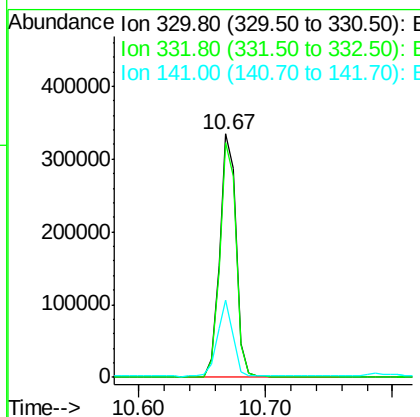
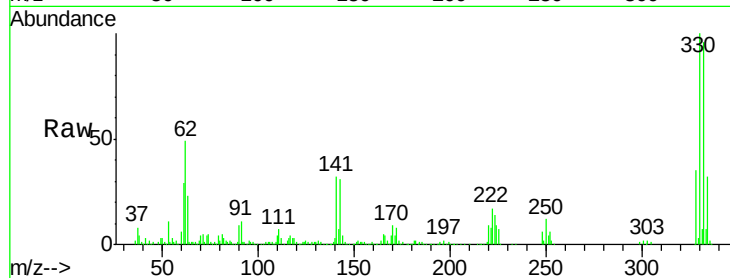
#42
 2,4,6-Tribromophenol
 Concen: 91.95 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120482.D
 Acq: 1 Jun 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-052720

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	304443		
332	96.4	77.0	115.6	
141	29.4	25.3	37.9	

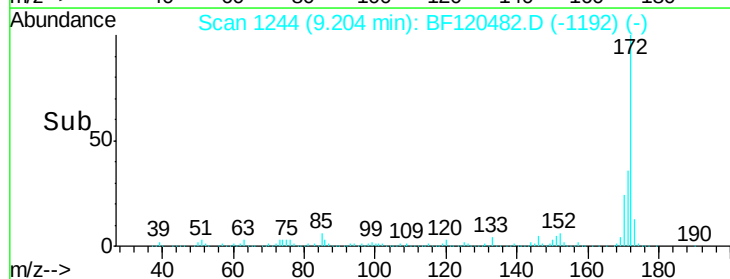
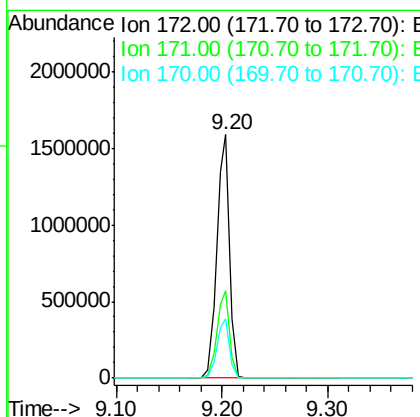
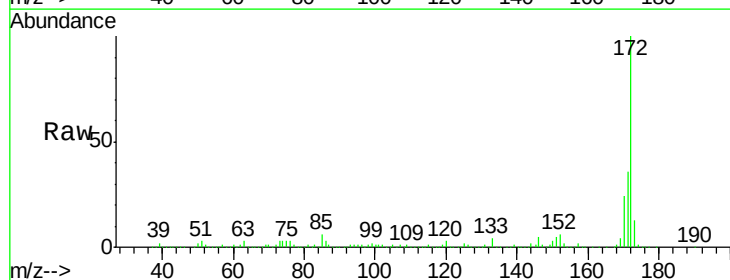
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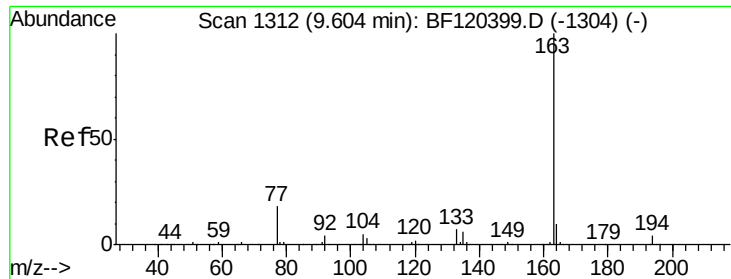
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#45
 2-Fluorobiphenyl
 Concen: 64.69 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120482.D
 Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1362519		
171	36.1	29.7	44.5	
170	24.5	19.9	29.9	





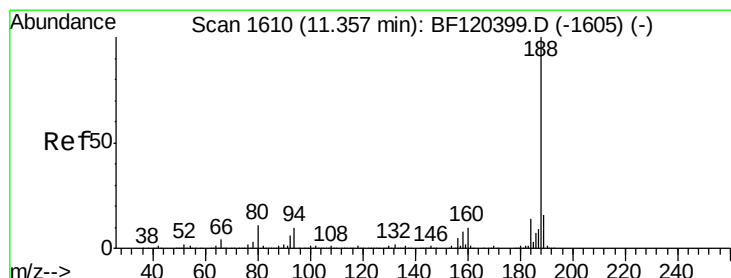
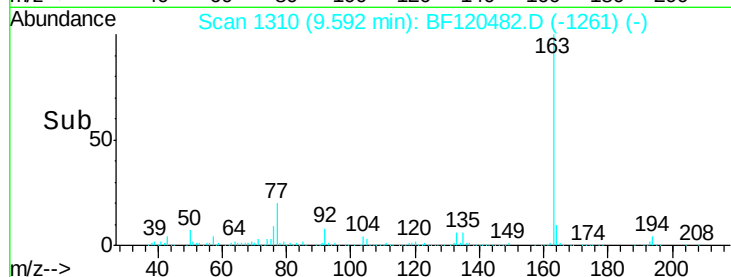
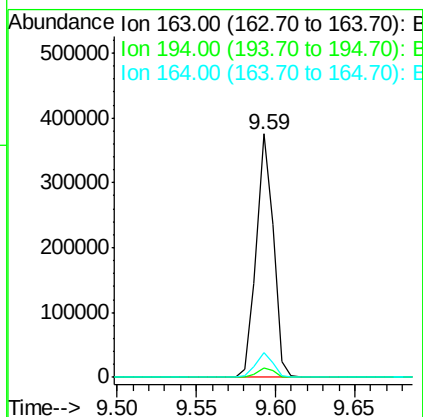
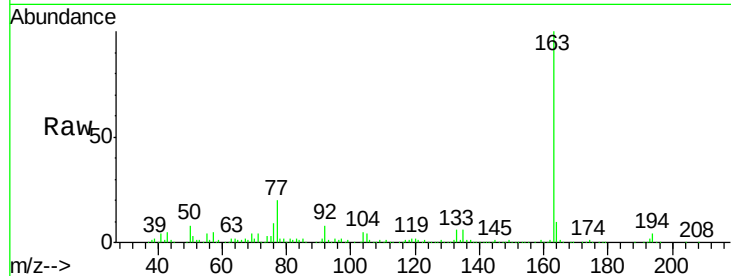
#50
Dimethylphthalate
Concen: 12.59 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Instrument :
BNA_F
ClientSampleId :
SU-01-052720

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	281307		
194	4.0	3.3	4.9	
164	10.1	8.3	12.5	

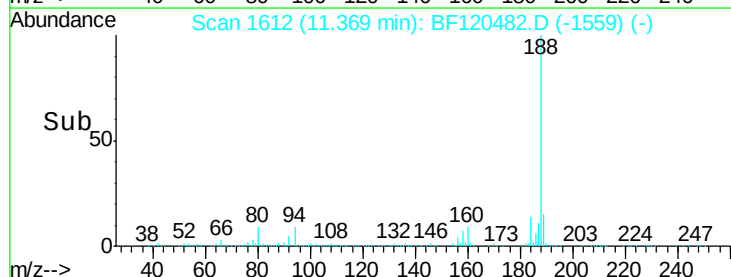
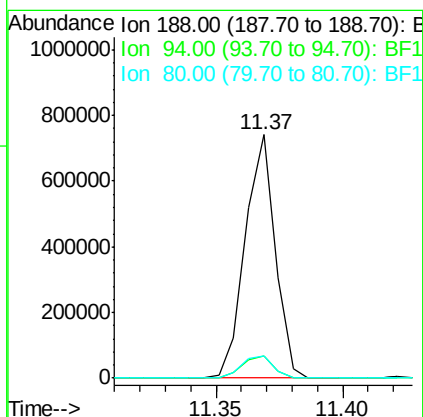
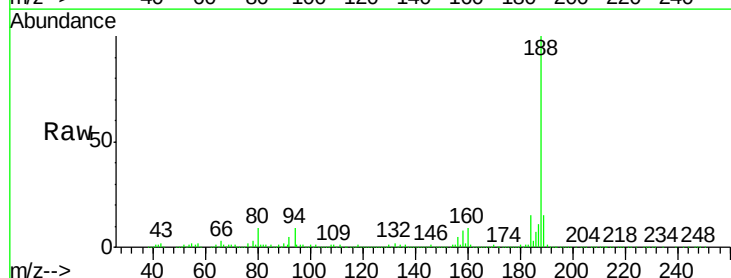
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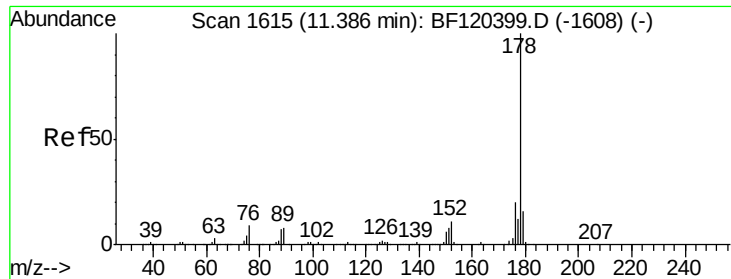
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	610525		
94	9.0	7.9	11.9	
80	9.0	8.6	13.0	





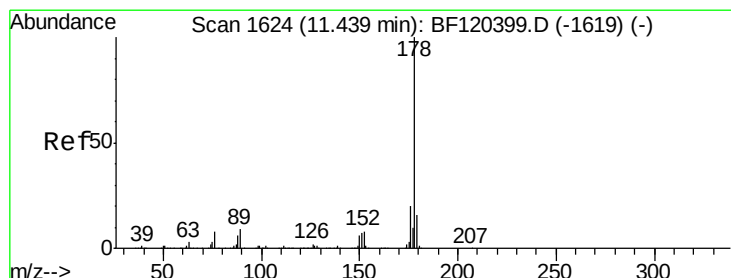
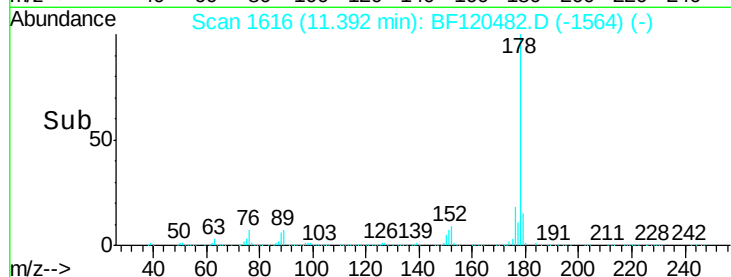
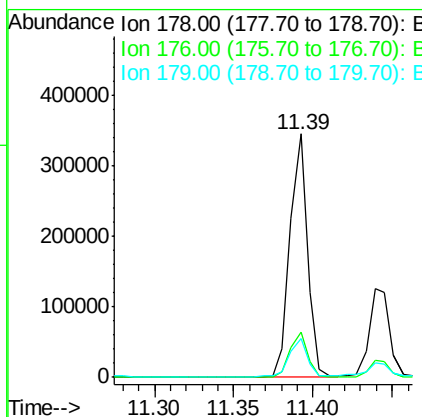
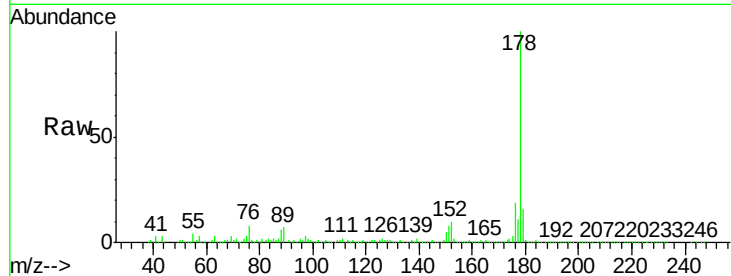
#71
Phenanthrene
Concen: 9.81 ng
RT: 11.39 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Instrument :
BNA_F
ClientSampleId :
SU-01-052720

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.4	24.6
179	15.9	13.0	19.4

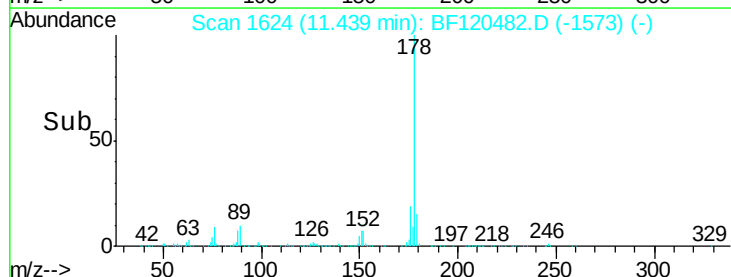
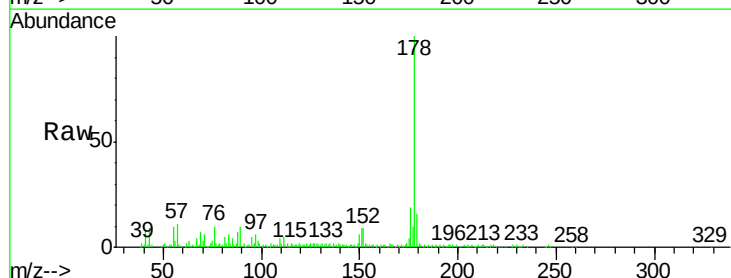
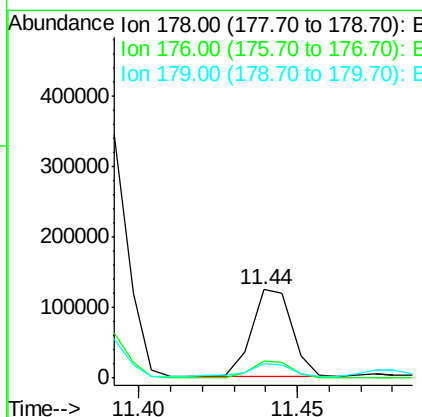
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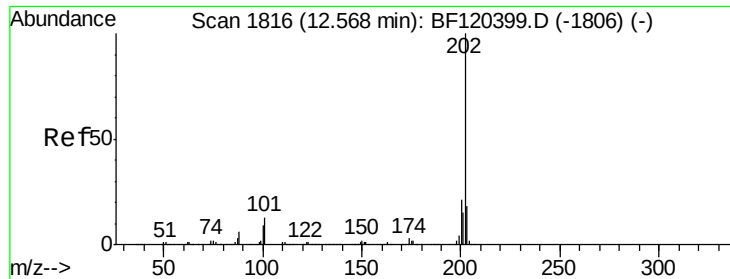
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#72
Anthracene
Concen: 4.10 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120482.D
Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.9	12.8	19.2





#75

Fluoranthene

Concen: 20.26 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF120482.D

Acq: 1 Jun 2020 20:16

Instrument :

BNA_F

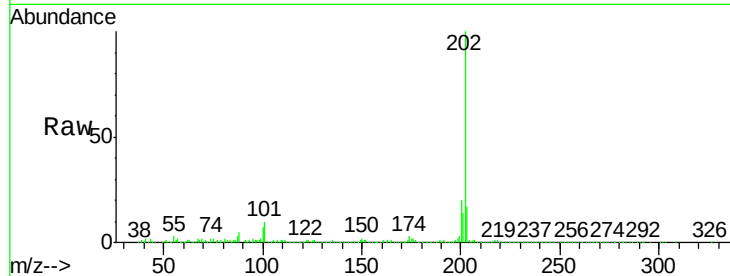
ClientSampleId :

SU-01-052720

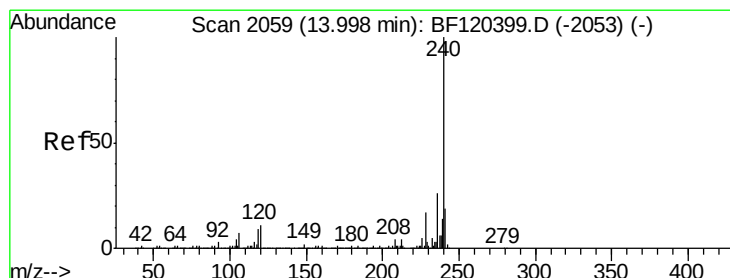
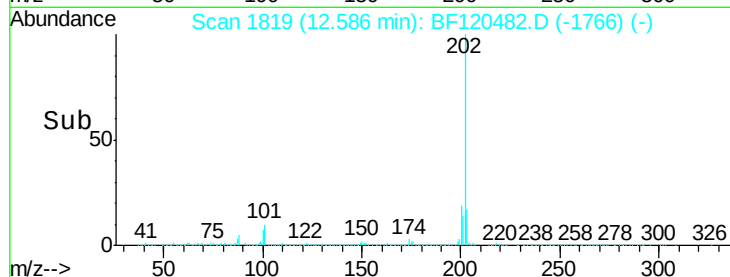
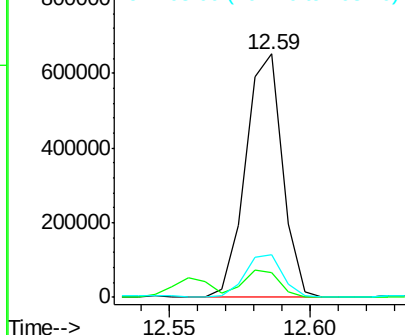
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		586511		
101	9.9	0.0	32.6		
203	17.4	0.0	38.4		

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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: 20.00 ng

RT: 14.01 min Scan# 2061

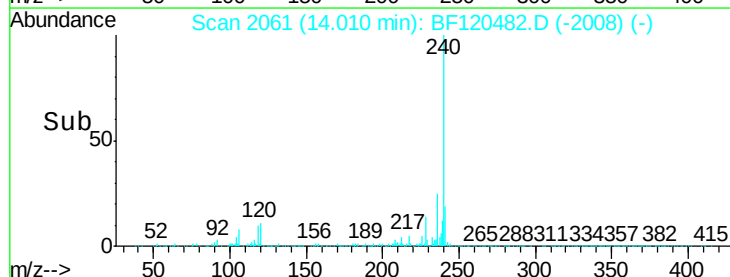
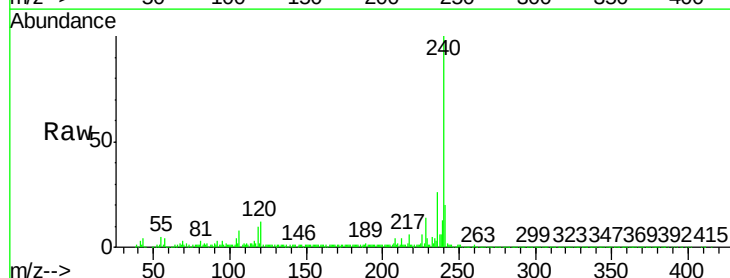
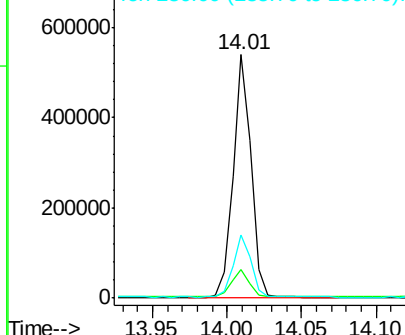
Delta R.T. 0.01 min

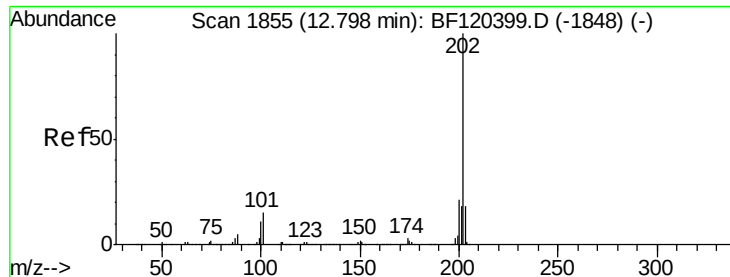
Lab File: BF120482.D

Acq: 1 Jun 2020 20:16

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		455563		
120	11.8	8.8	13.2		
236	26.1	21.0	31.4		

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





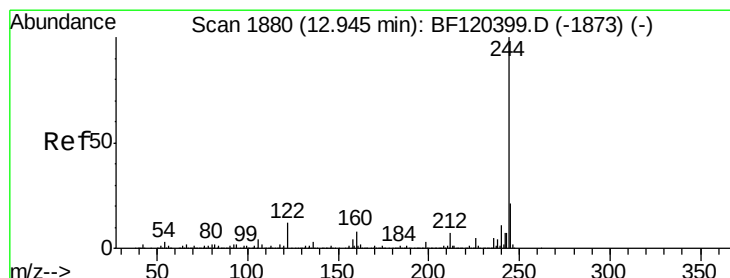
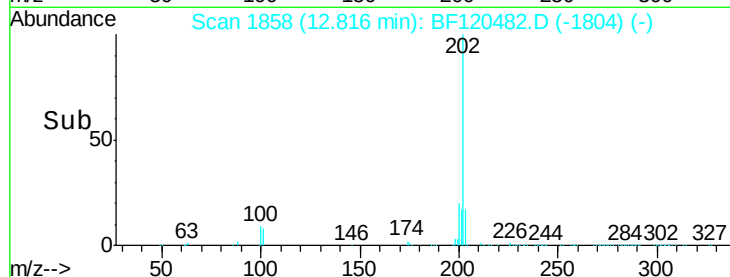
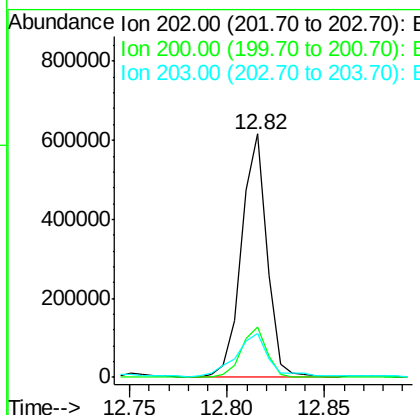
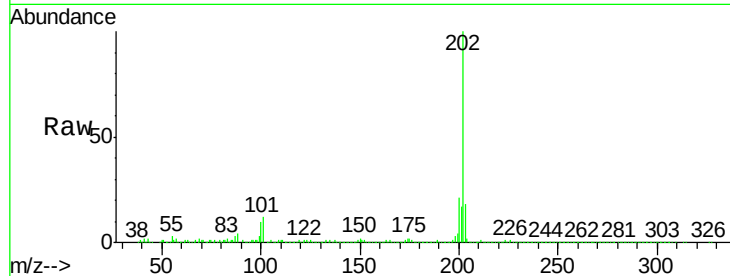
#78
 Pyrene
 Concen: 17.46 ng
 RT: 12.82 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BF120482.D
 Acq: 1 Jun 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-052720

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	553263		
200	20.6		17.0	25.4
203	17.9		14.7	22.1

Manual Integrations
 APPROVED

mohammad
 6/2/2020 3:26:30 PM



#79
 Terphenyl-d14
 Concen: 65.68 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. 0.01 min
 Lab File: BF120482.D
 Acq: 1 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1344729		
212	6.9		5.9	8.9
122	11.4		9.2	13.8

