

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120447.D
 Acq On : 29 May 2020 18:55
 Operator : MA/SJ
 Sample : L2773-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM59-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:11:30 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	6.84	152	289146	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1047839	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	505908	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	816322	20.00	ng	0.00
76) Chrysene-d12	13.99	240	534885	20.00	ng	0.00
86) Perylene-d12	15.44	264	583309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1390749	91.66	ng	0.00
7) Phenol-d6	6.46	99	1828685	97.79	ng	0.00
23) Nitrobenzene-d5	7.40	82	1228394	76.68	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	488297	104.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2180614	73.13	ng	0.00
79) Terphenyl-d14	12.95	244	1851674	77.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	385295	12.182	ng	99
71) Phenanthrene	11.38	178	109167	3.035	ng	97
75) Fluoranthene	12.56	202	219502	5.671	ng	98
78) Pyrene	12.79	202	203733	5.477	ng	98
81) Benzo(a)anthracene	13.98	228	106743	3.724	ng	99
83) Chrysene	14.02	228	95955	3.193	ng	97
88) Benzo(b)fluoranthene	15.02	252	133074m	4.107	ng	
90) Benzo(a)pyrene	15.38	252	92602	3.268	ng	99
92) Benzo(g,h,i)perylene	17.30	276	53301	2.078	ng	99

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

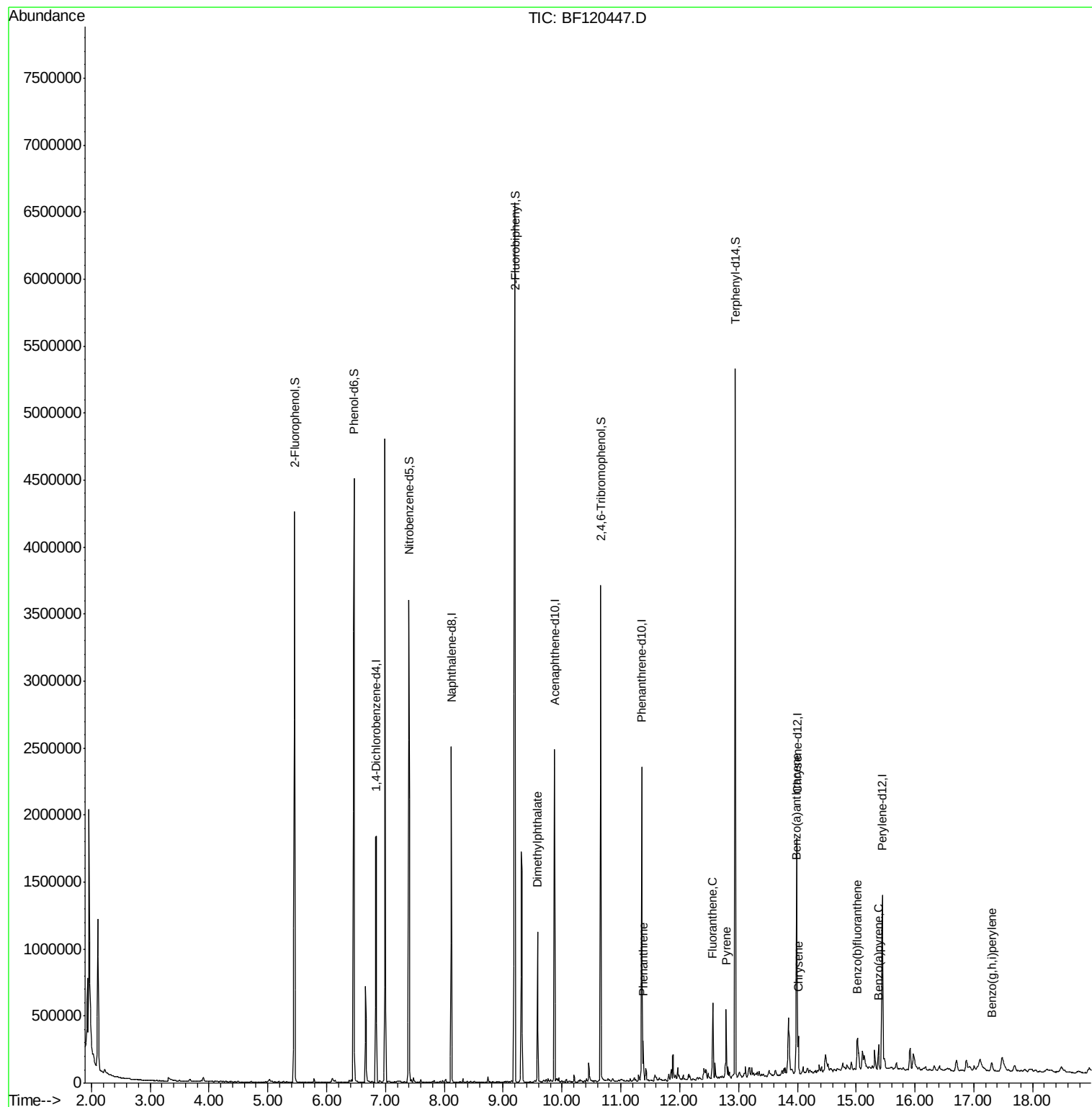
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120447.D
Acq On : 29 May 2020 18:55
Operator : MA/SJ
Sample : L2773-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

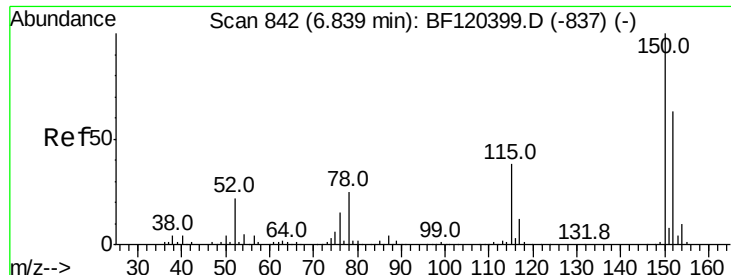
Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

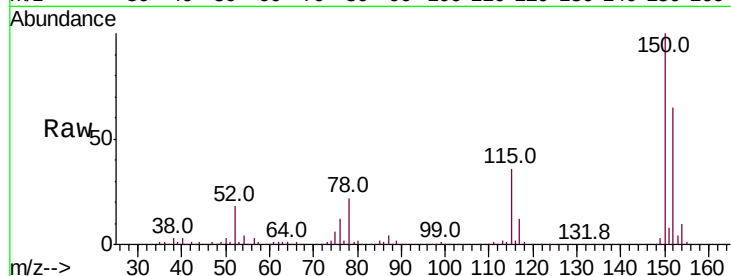
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.5	189.7
115	54.5	47.6	71.4

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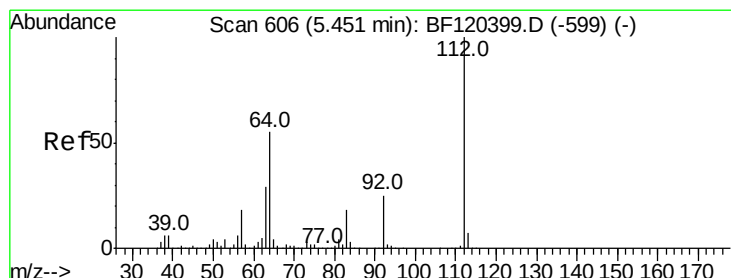
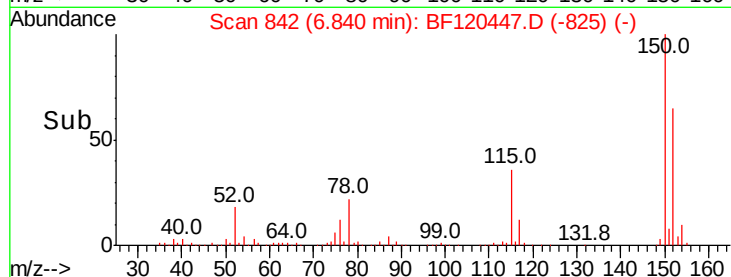
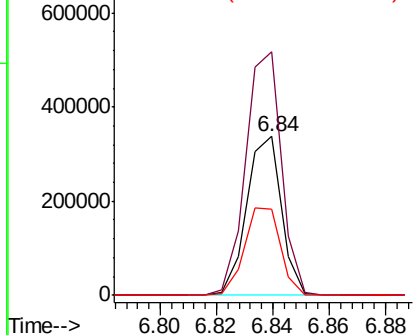


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

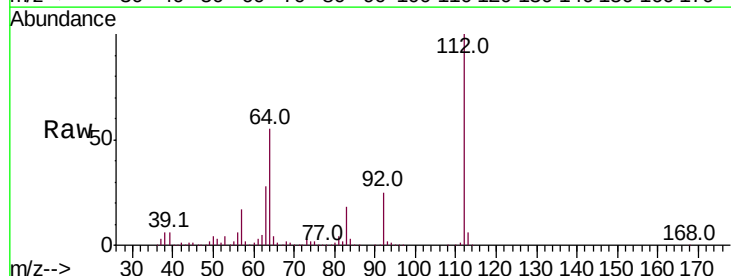
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.664 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.3	66.5
63	28.3	22.9	34.3

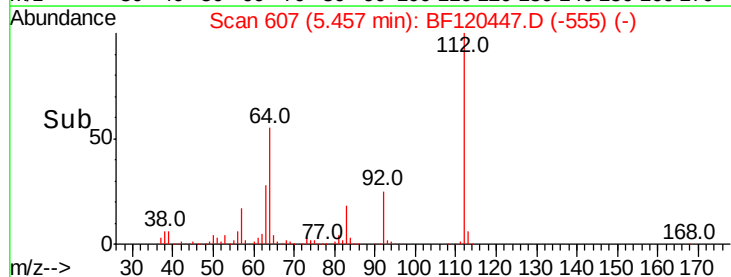
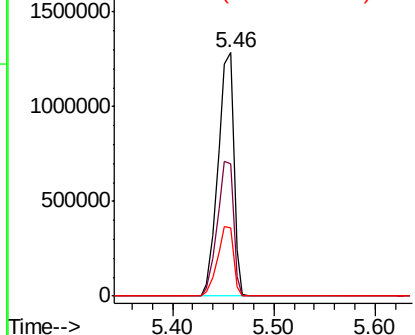


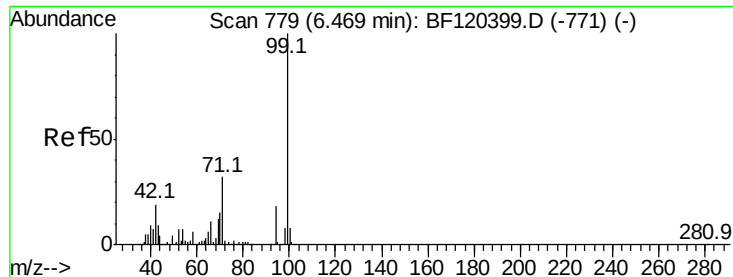
Abundance

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: 97.786 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120447.D

Acq: 29 May 2020 18:55

Instrument :

BNA_F

ClientSampleId :

NM59-COMP-2020-0-6

Tot Ion: 99 Resp: 1828685

Ion Ratio Lower Upper

99 100

42 19.8 15.2 22.8

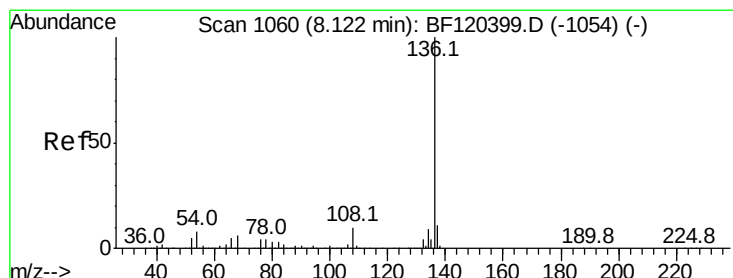
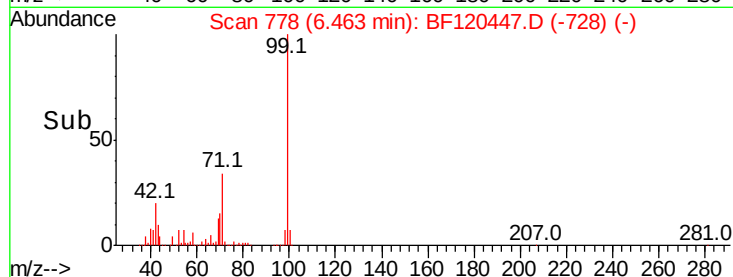
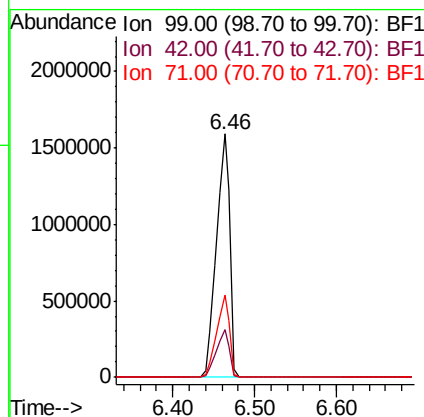
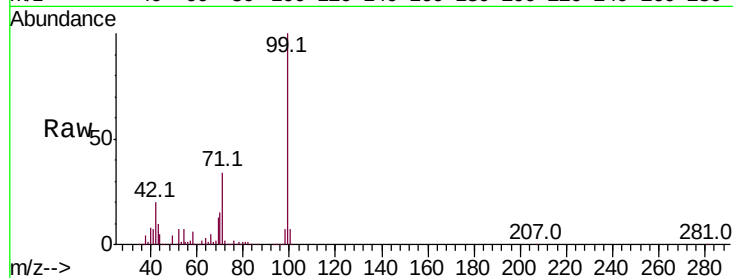
71 33.7 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120447.D

Acq: 29 May 2020 18:55

Tgt Ion: 136 Resp: 1047839

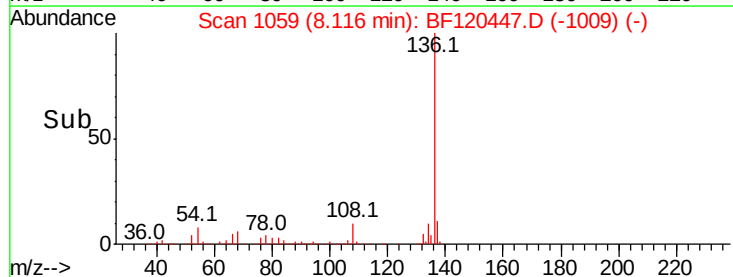
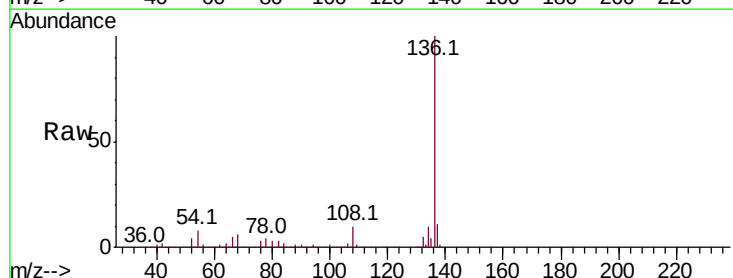
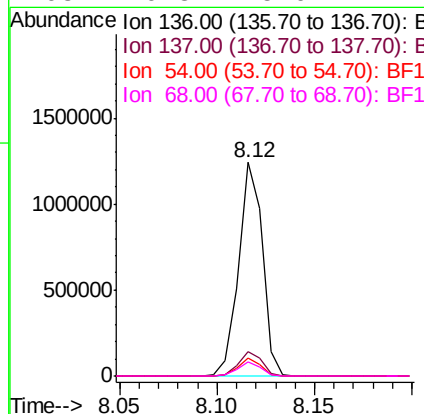
Ion Ratio Lower Upper

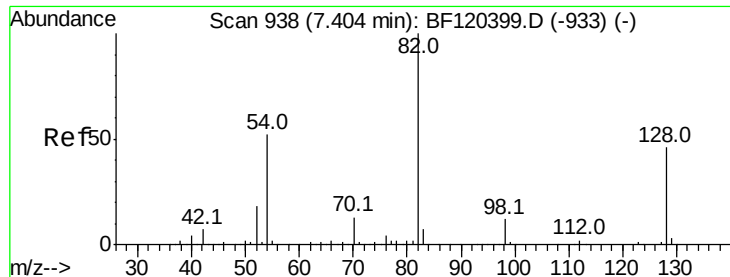
136 100

137 11.3 9.1 13.7

54 8.2 6.7 10.1

68 6.3 5.0 7.4





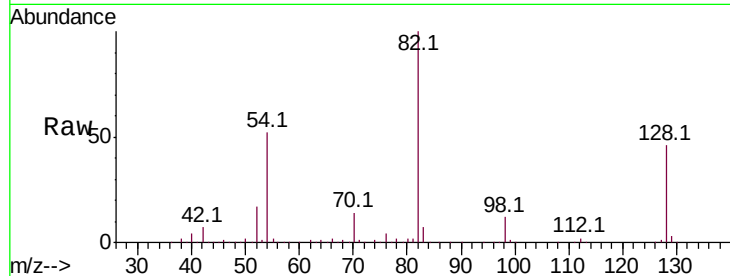
#23
Nitrobenzene-d5
Concen: 76.685 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.8	55.2
54	51.6	41.6	62.4

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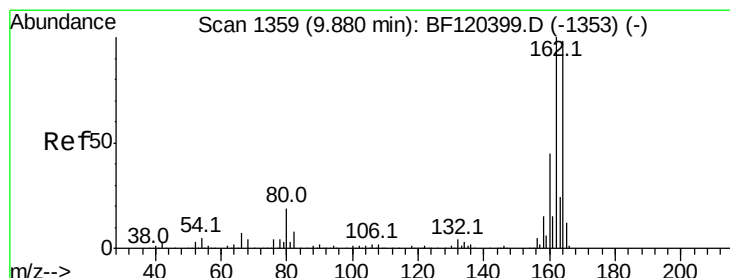
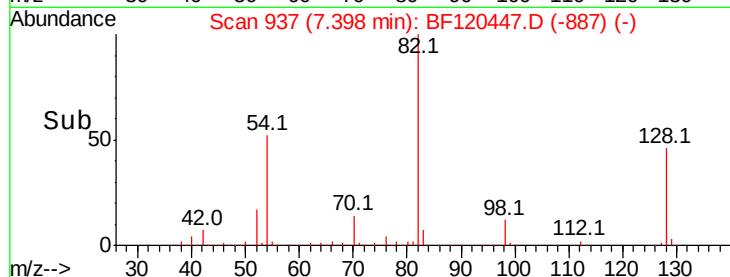
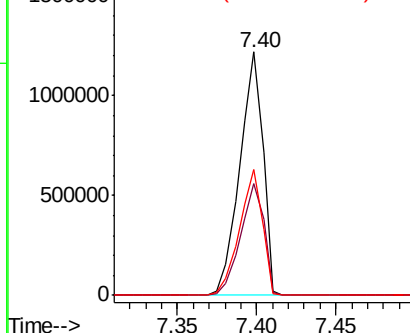


Abundance

Ion 82.00 (81.70 to 82.70): BF1

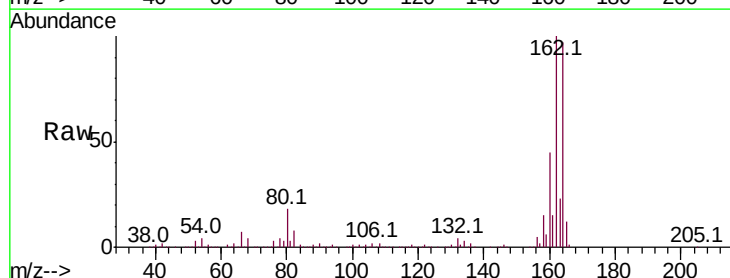
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	45.9	36.9	55.3

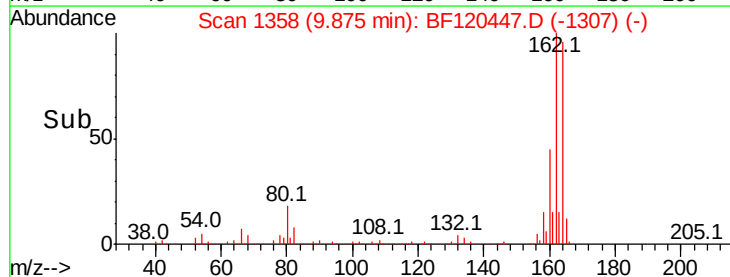
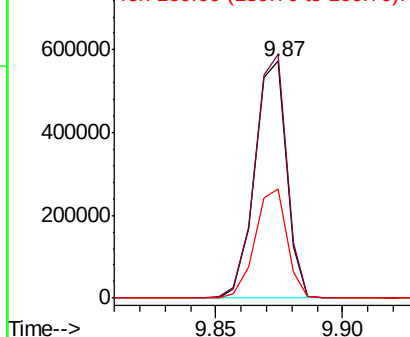


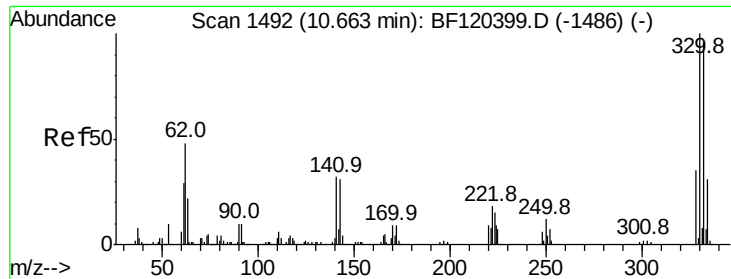
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





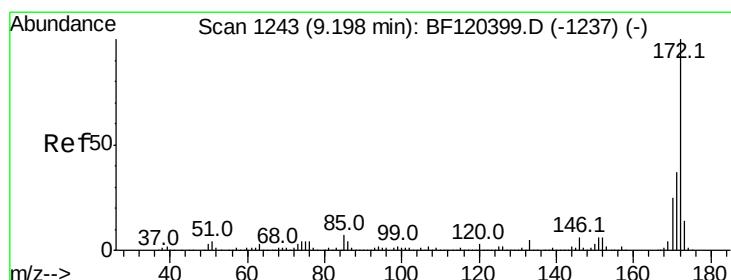
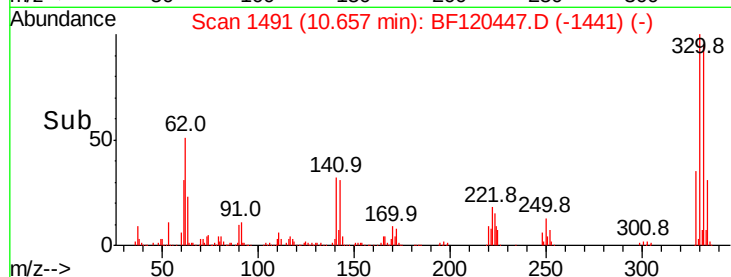
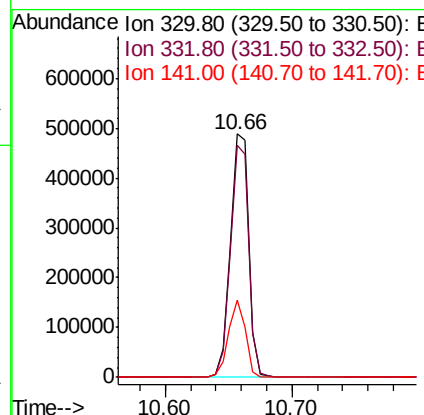
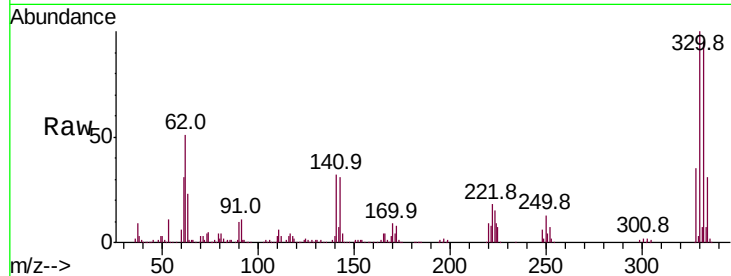
#42
 2,4,6-Tribromophenol
 Concen: 104.171 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120447.D
 Acq: 29 May 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 NM59-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	488297		
332	95.0	77.0	115.6	
141	29.8	25.3	37.9	

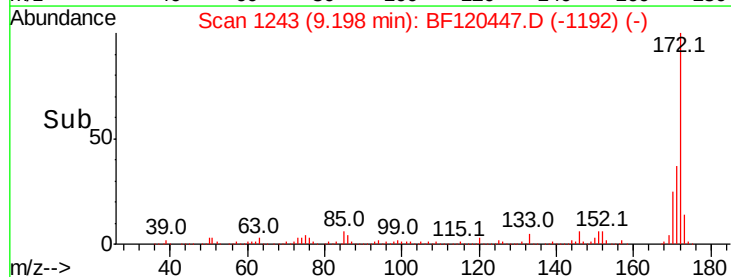
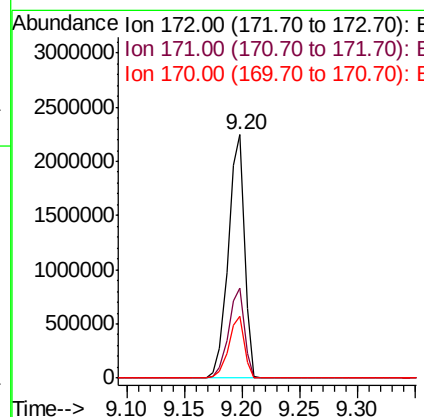
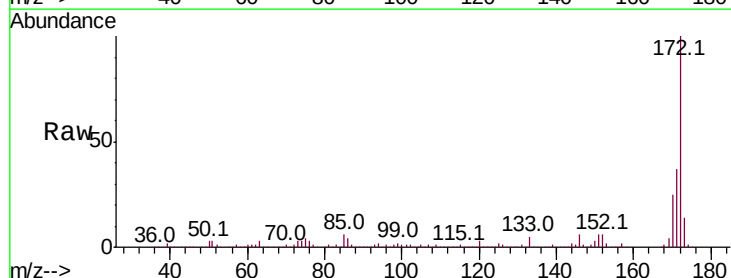
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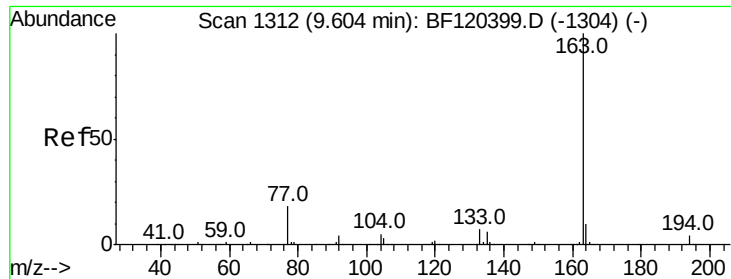
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#45
 2-Fluorobiphenyl
 Concen: 73.133 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120447.D
 Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2180614		
171	36.8	29.7	44.5	
170	25.2	19.9	29.9	





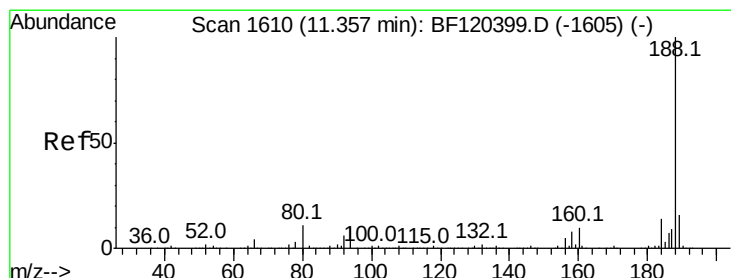
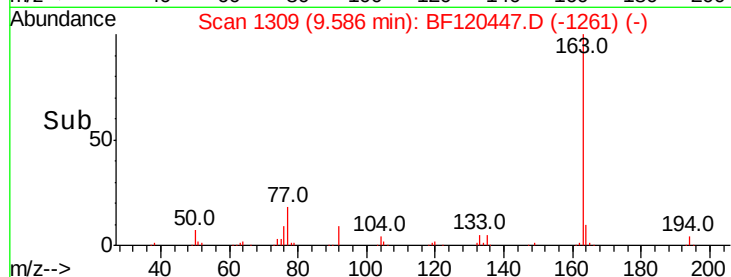
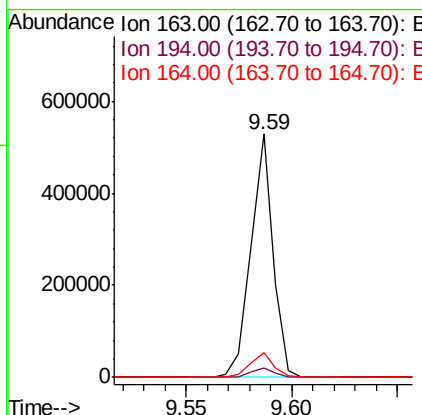
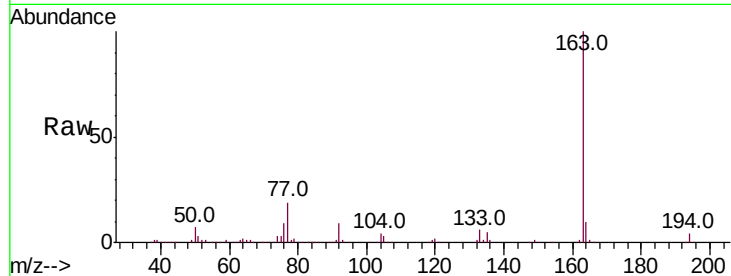
#50
Dimethylphthalate
Concen: 12.182 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	385295		
194	3.7		3.3	4.9
164	10.2		8.3	12.5

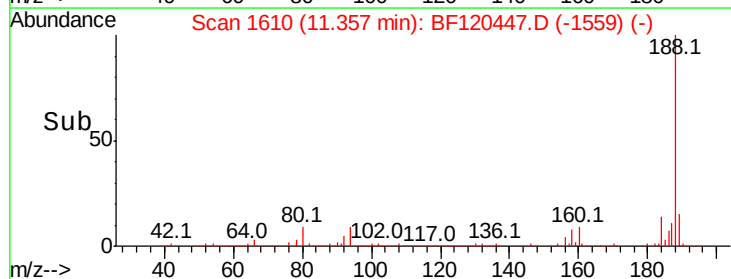
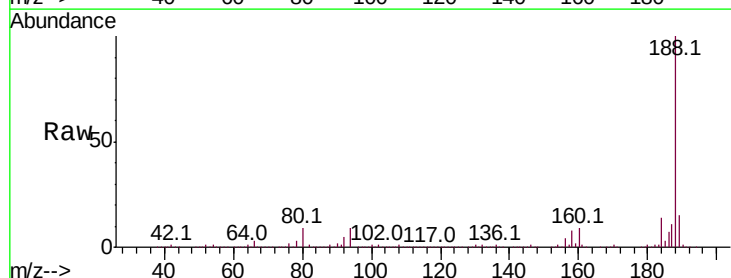
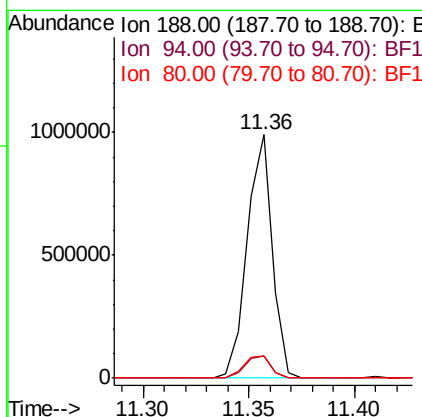
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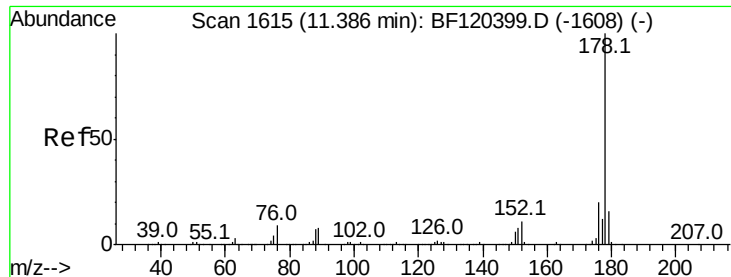
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	816322		
94	8.9		7.9	11.9
80	9.1		8.6	13.0





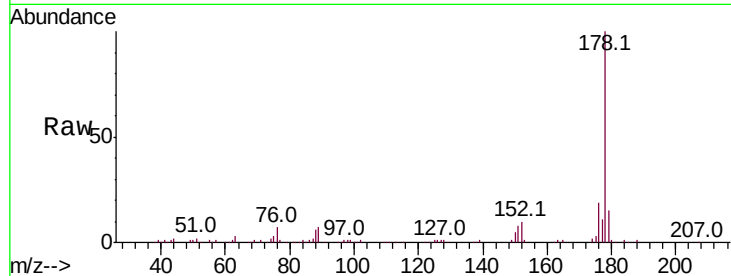
#71
Phenanthrene
Concen: 3.035 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	14.5	13.0	19.4

Manual Integrations
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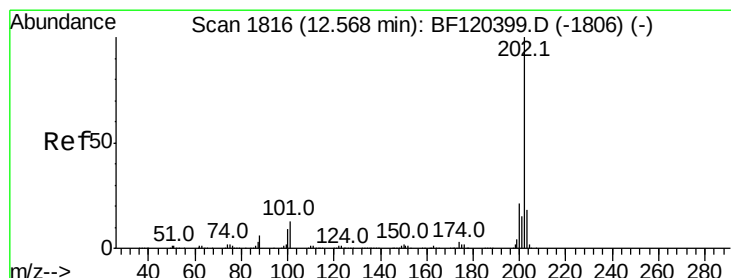
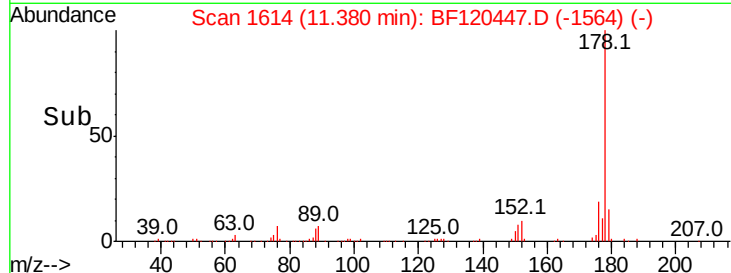
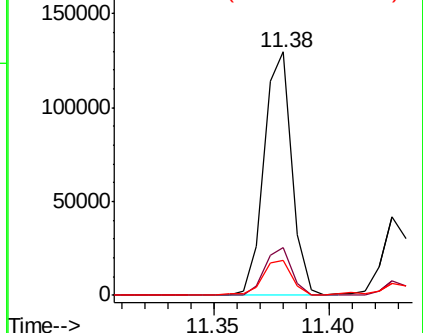


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.671 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

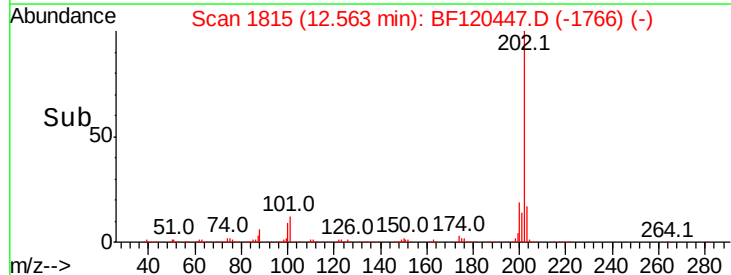
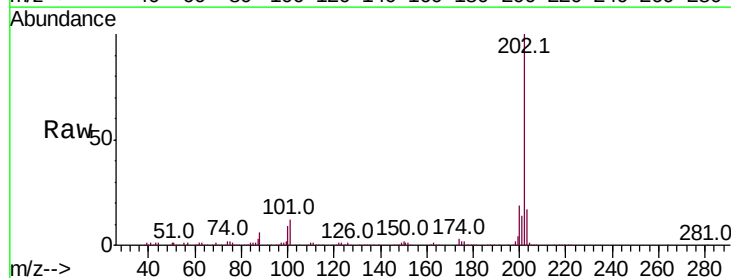
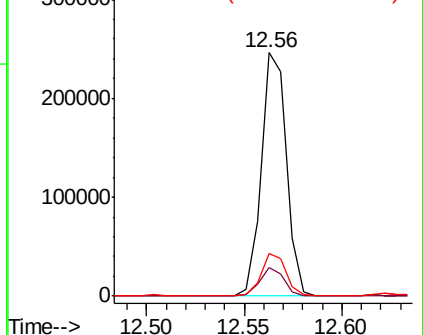
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.6
203	17.3	0.0	38.4

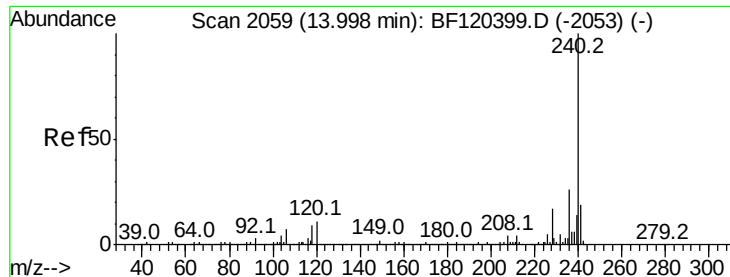
Abundance

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





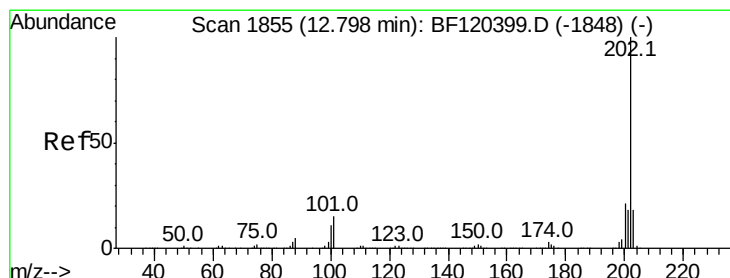
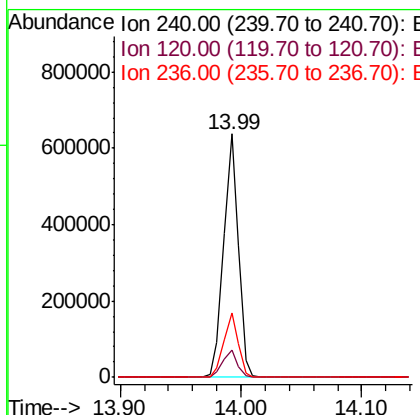
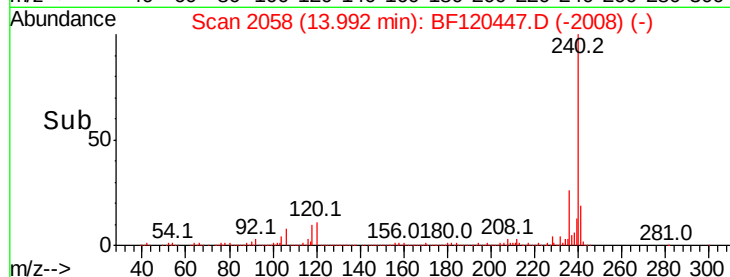
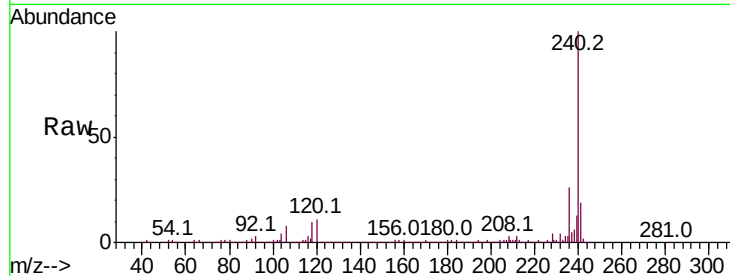
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.0	8.8	13.2	
236	26.3	21.0	31.4	

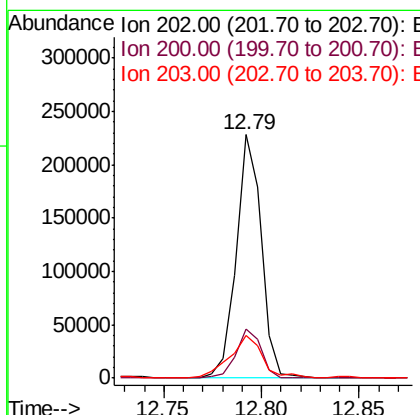
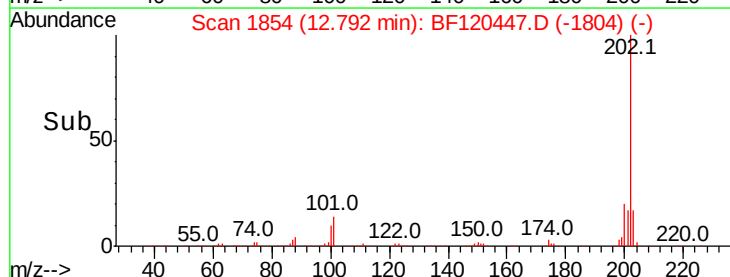
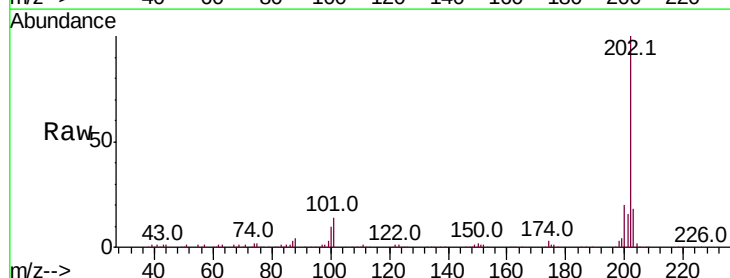
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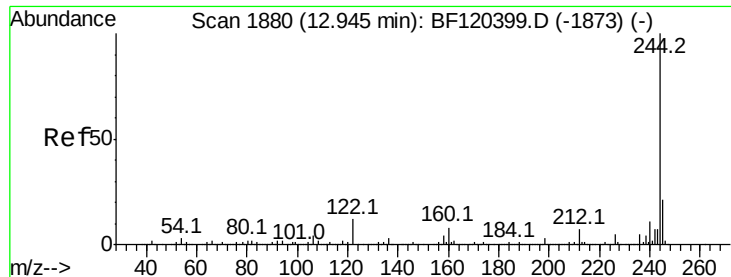
mohammad
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#78
Pyrene
Concen: 5.477 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.2	17.0	25.4	
203	17.7	14.7	22.1	





#79

Terphenyl-d14

Concen: 77.034 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120447.D

Acq: 29 May 2020 18:55

Instrument :

BNA_F

ClientSampleId :

NM59-COMP-2020-0-6

Tot Ion:244 Resp: 1851674

Ion Ratio Lower Upper

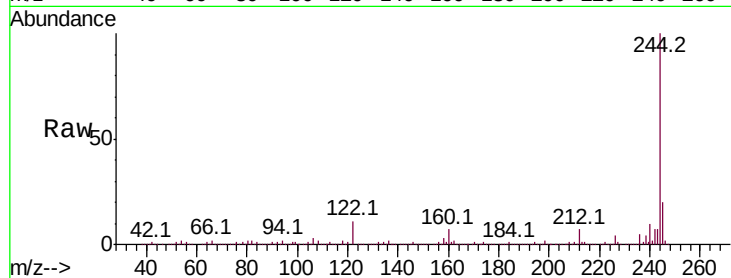
244 100

212 6.7 5.9 8.9

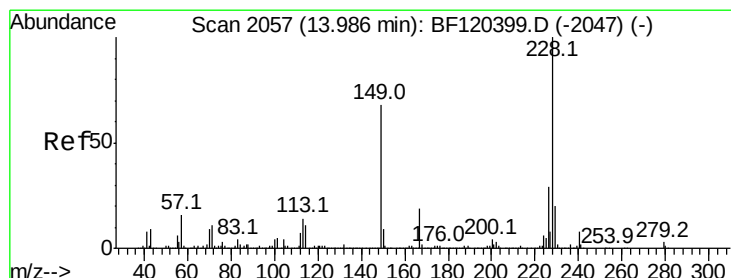
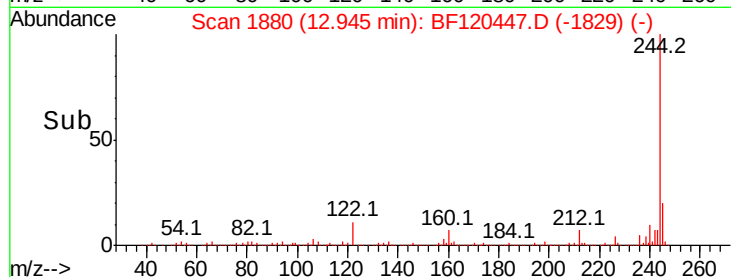
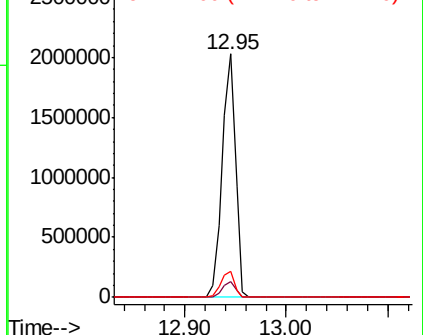
122 10.7 9.2 13.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.724 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120447.D

Acq: 29 May 2020 18:55

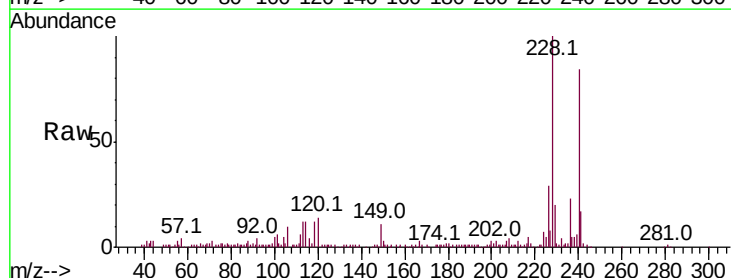
Tgt Ion:228 Resp: 106743

Ion Ratio Lower Upper

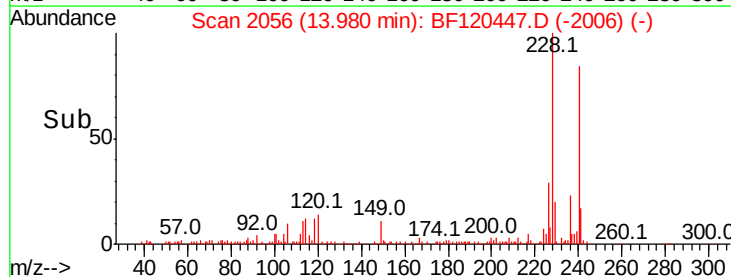
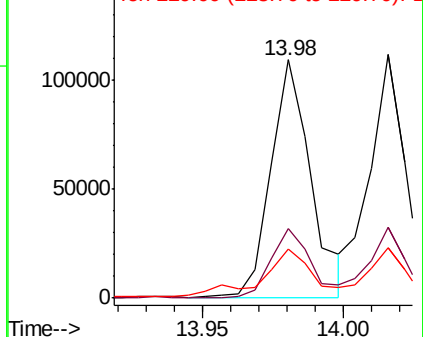
228 100

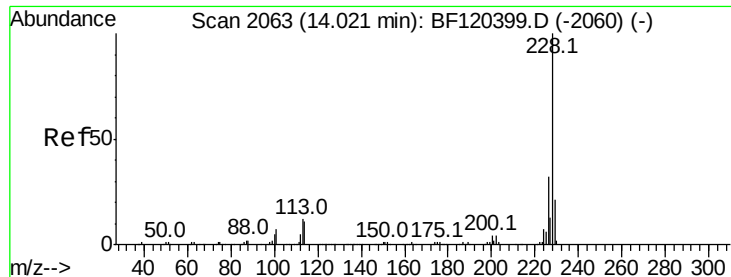
226 29.2 23.0 34.4

229 20.4 16.2 24.4



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





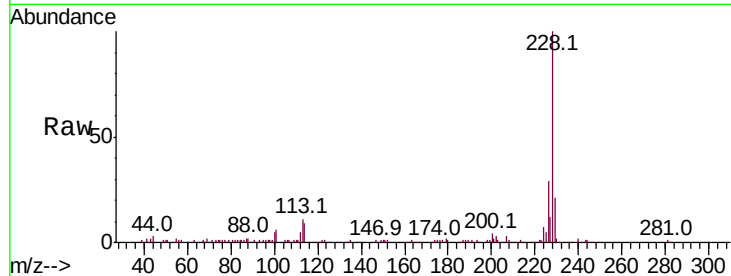
#83
Chrysene
Concen: 3.193 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

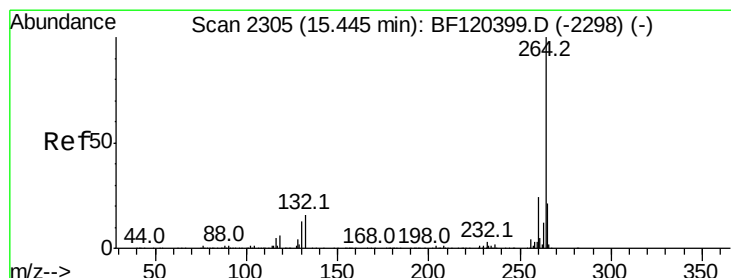
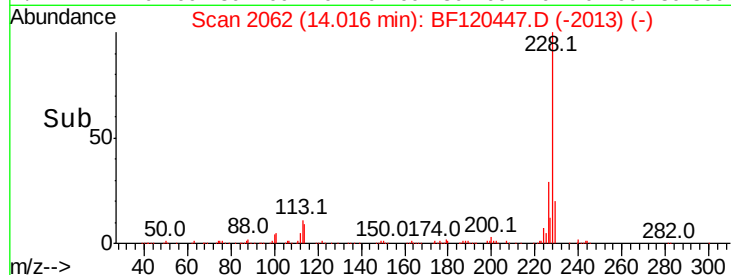
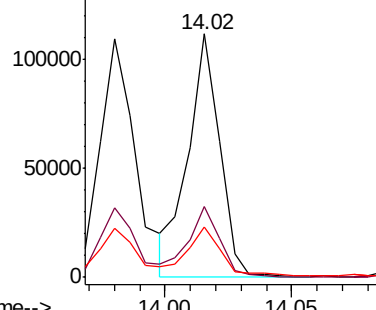
Tot Ion:	228	Resp:	95955
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.6	38.4
229	20.7	16.6	25.0

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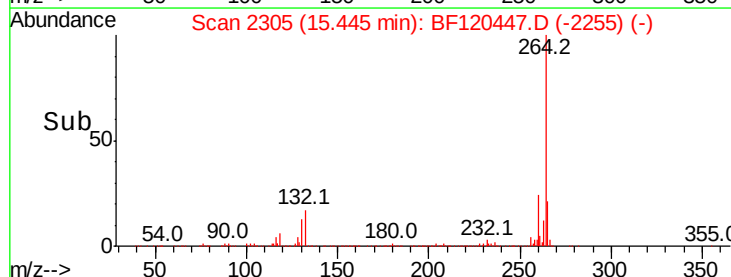
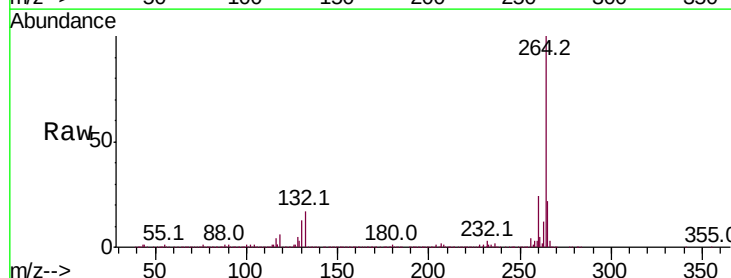
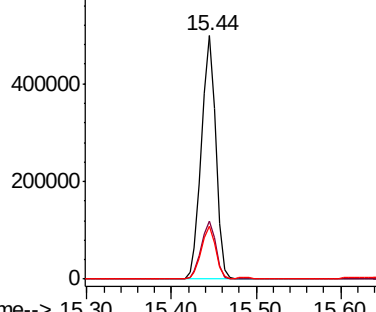
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

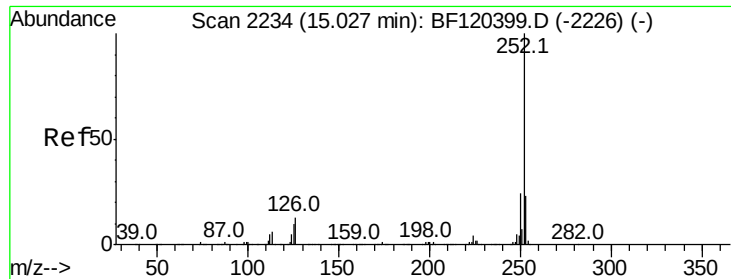


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion:	264	Resp:	583309
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3

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





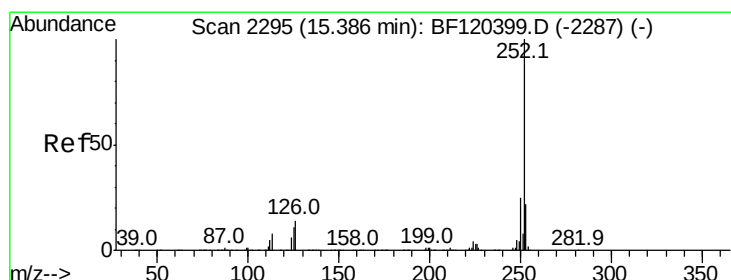
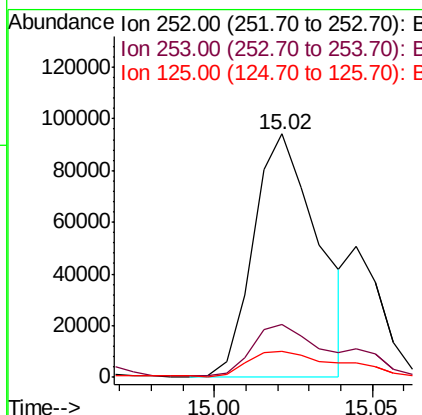
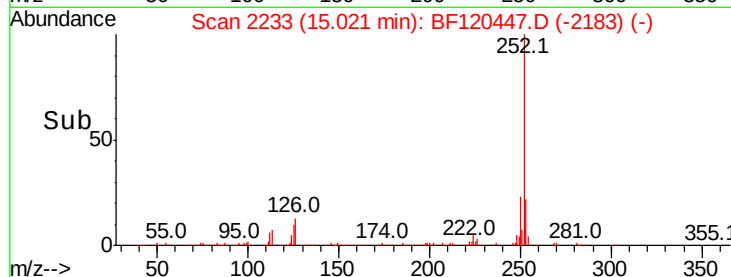
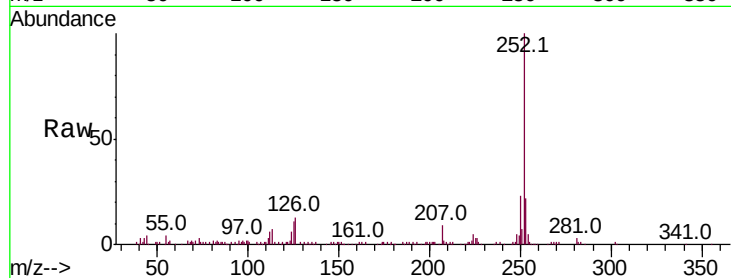
#88
Benzo(b)fluoranthene
Concen: 4.107 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Instrument :
BNA_F
ClientSampleId :
NM59-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.9	7.8	11.8

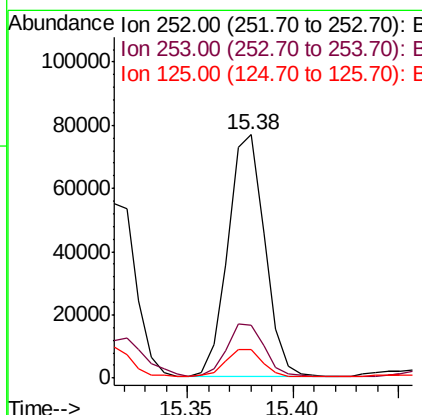
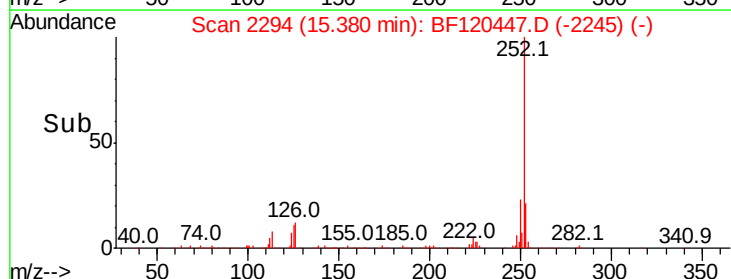
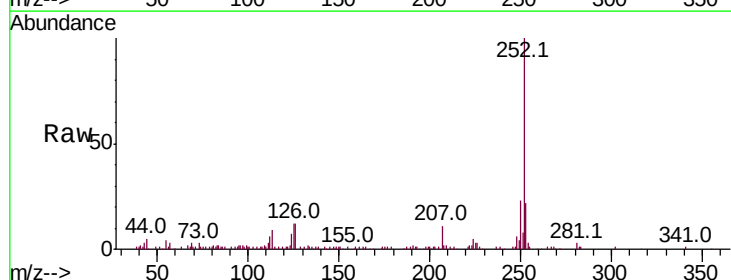
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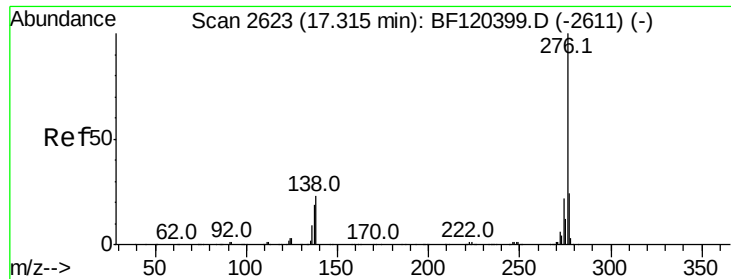
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#90
Benzo(a)pyrene
Concen: 3.268 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120447.D
Acq: 29 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.6	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.078 ng
 RT: 17.30 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF120447.D
 Acq: 29 May 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 NM59-COMP-2020-0-6

Tot Ion:	276	Resp:	53301
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.5	29.3
138	22.0	18.1	27.1

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