

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120555.D
 Acq On : 5 Jun 2020 13:10
 Operator : JU/CG
 Sample : L2839-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 06 02:58:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	203473	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	802833	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	393347	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	558429	20.00	ng	0.00
76) Chrysene-d12	13.97	240	361011	20.00	ng	0.00
86) Perylene-d12	15.43	264	362277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	985275	92.28	ng	0.00
7) Phenol-d6	6.45	99	1341752	101.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	862774	70.30	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	276554	75.88	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1515757	65.38	ng	0.00
79) Terphenyl-d14	12.93	244	1193035	73.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	240310	9.772	ng	99
71) Phenanthrene	11.36	178	60603	2.463	ng	99
75) Fluoranthene	12.55	202	179419	6.777	ng	94
78) Pyrene	12.78	202	166804	6.644	ng	99
81) Benzo(a)anthracene	13.96	228	88181	4.558	ng	99
83) Chrysene	14.00	228	82037	4.044	ng	97
87) Indeno(1,2,3-cd)pyrene	16.85	276	68925	3.479	ng	99
88) Benzo(b)fluoranthene	15.00	252	108557m	5.395	ng	
90) Benzo(a)pyrene	15.36	252	75026	4.263	ng	98
92) Benzo(g,h,i)perylene	17.29	276	66736	4.189	ng	# 94

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

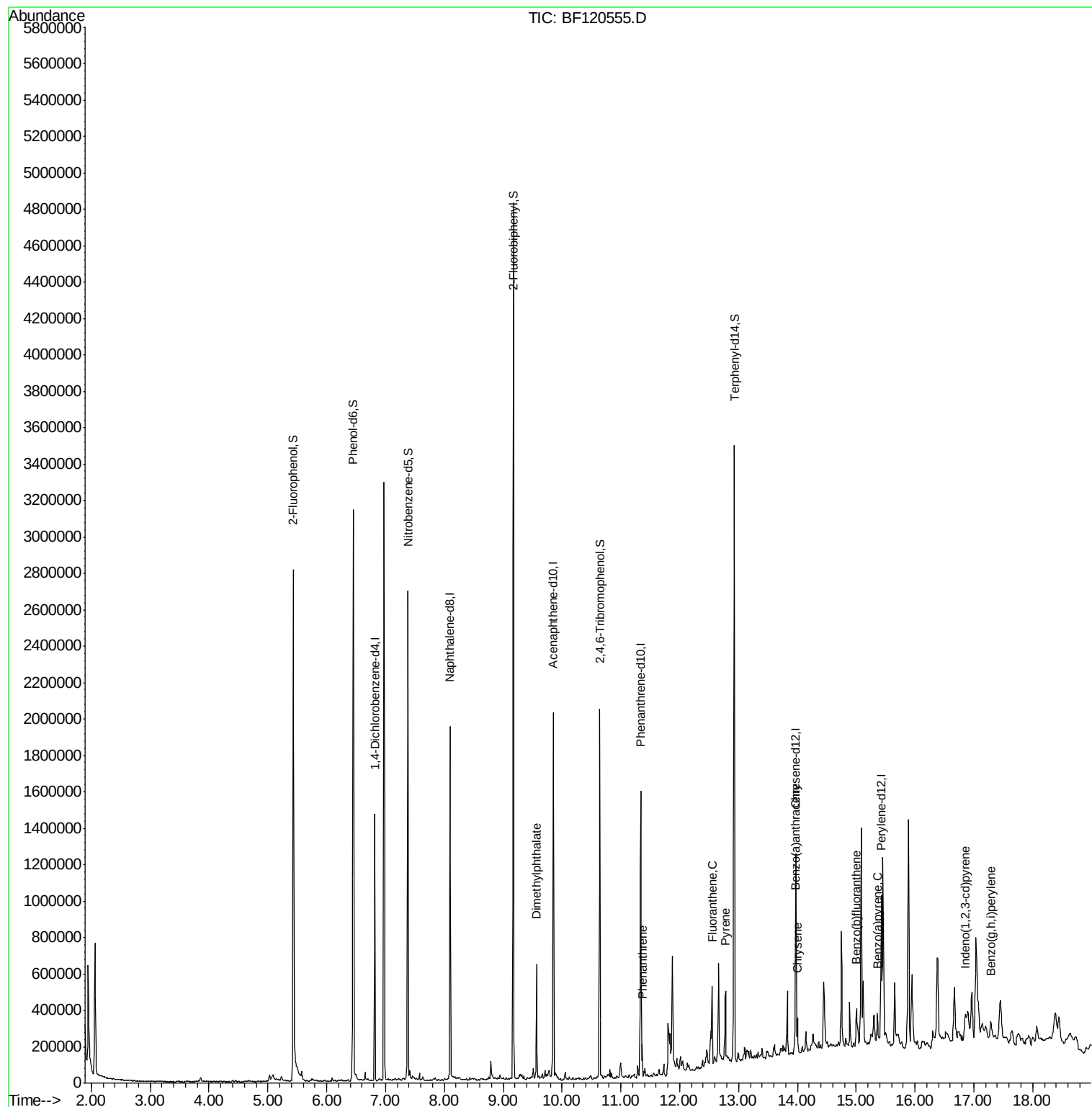
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120555.D
Acq On : 5 Jun 2020 13:10
Operator : JU/CG
Sample : L2839-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

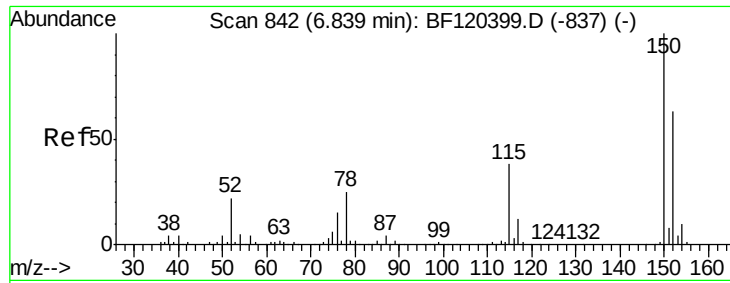
Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 06 02:58:22 2020
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





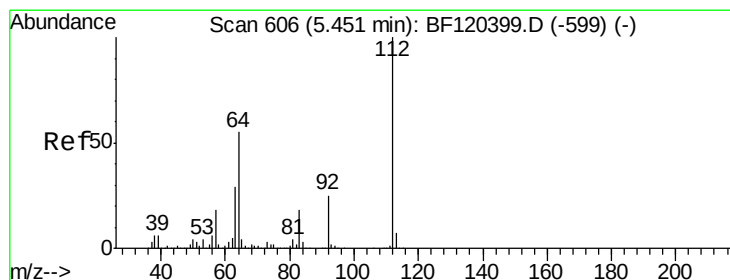
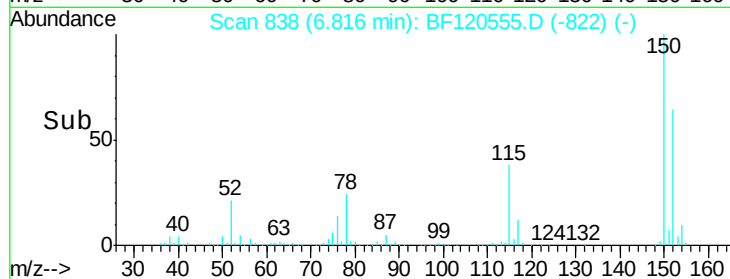
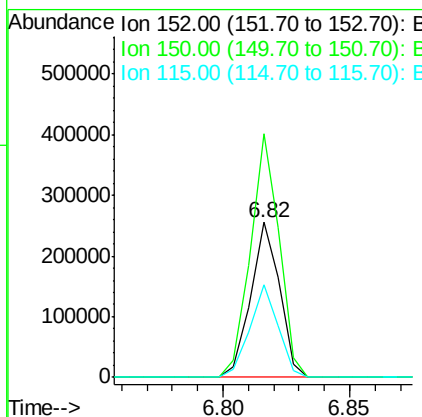
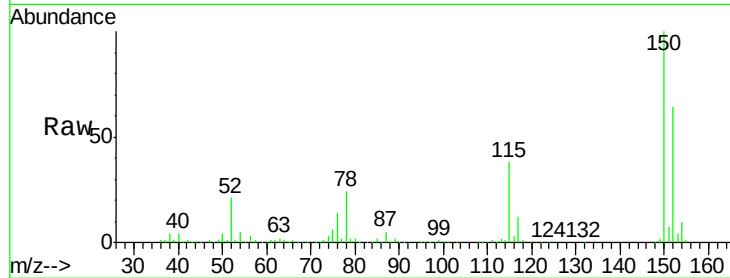
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.4
115	59.6	43.8	65.6

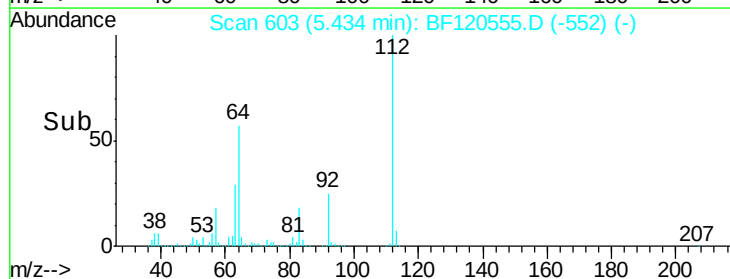
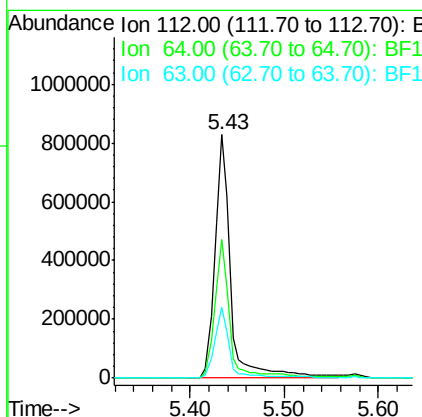
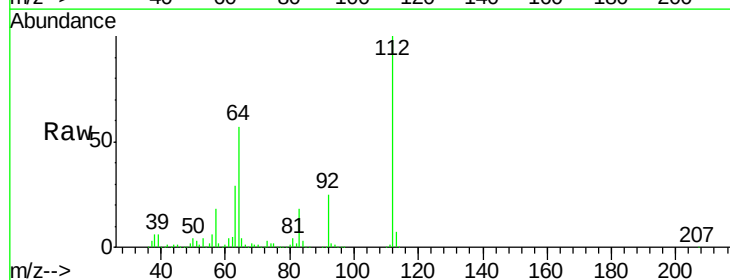
Manual Integrations
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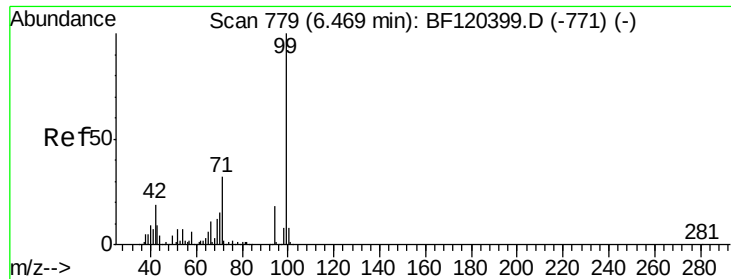
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#5
 2-Fluorophenol
 Concen: 92.282 ng
 RT: 5.43 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.5	69.7
63	29.3	23.6	35.4





#7

Phenol-d6

Concen: 101.957 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF120555.D

Acq: 5 Jun 2020 13:10

Instrument :

BNA_F

ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion: 99 Resp: 1341752

Ion Ratio Lower Upper

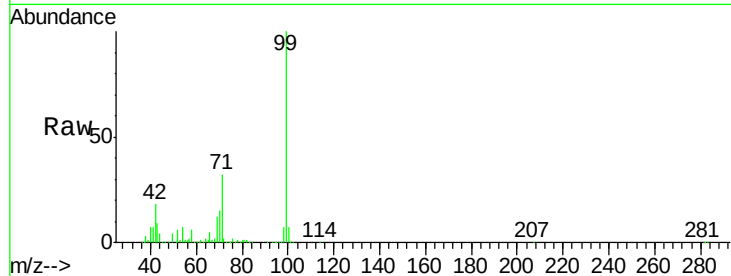
99 100

42 18.5 14.8 22.2

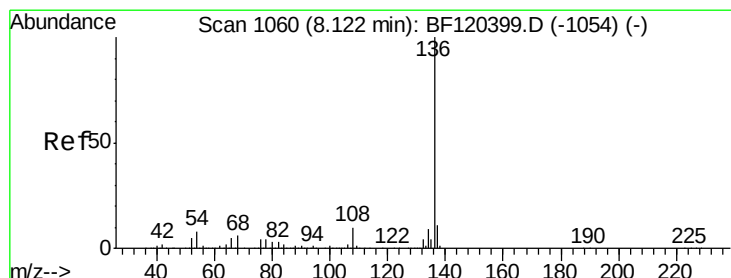
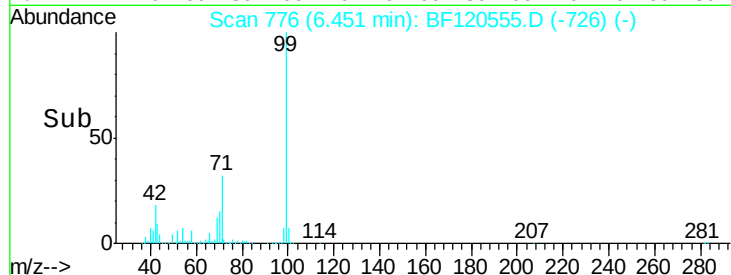
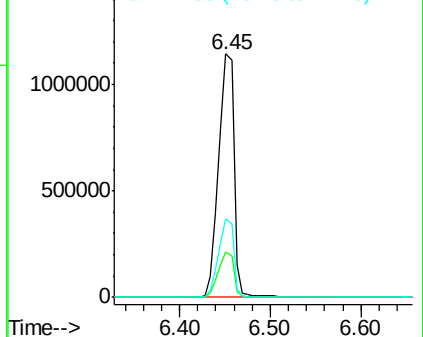
71 32.0 25.8 38.6

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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: 20.000 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120555.D

Acq: 5 Jun 2020 13:10

Tgt Ion: 136 Resp: 802833

Ion Ratio Lower Upper

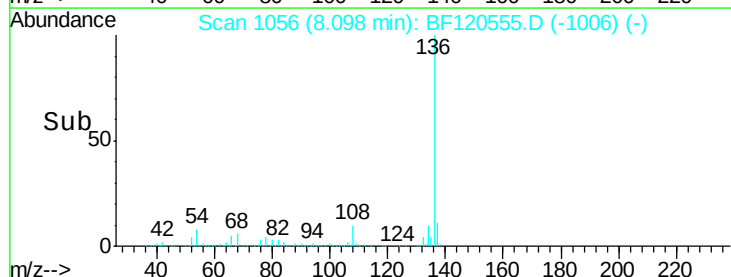
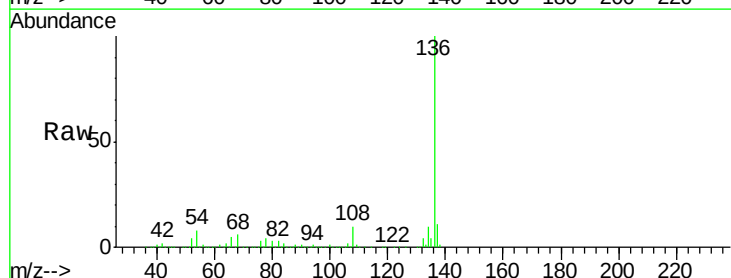
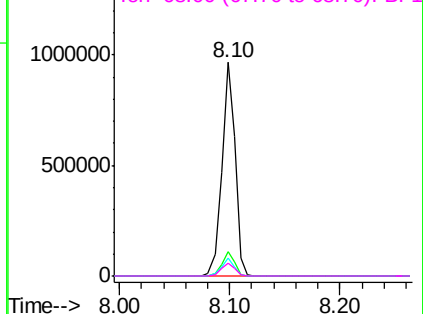
136 100

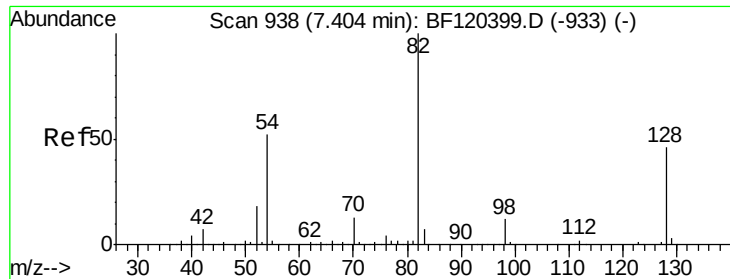
137 11.2 8.7 13.1

54 8.2 5.1 7.7#

68 6.3 4.0 6.0#

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





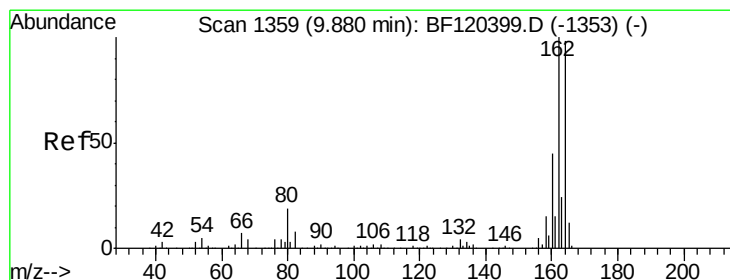
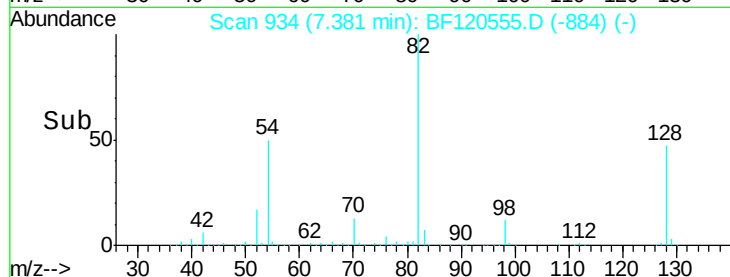
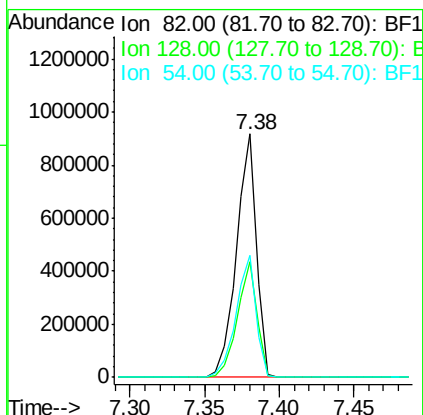
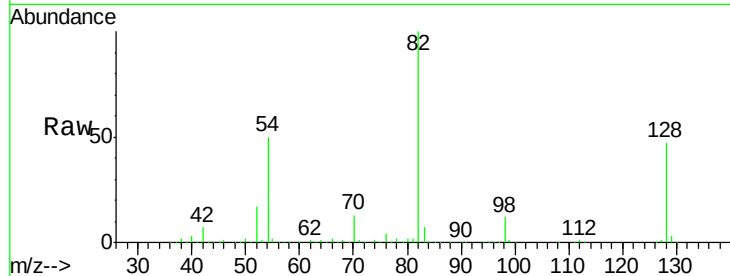
#23
Nitrobenzene-d5
Concen: 70.297 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.6	57.8
54	50.2	39.5	59.3

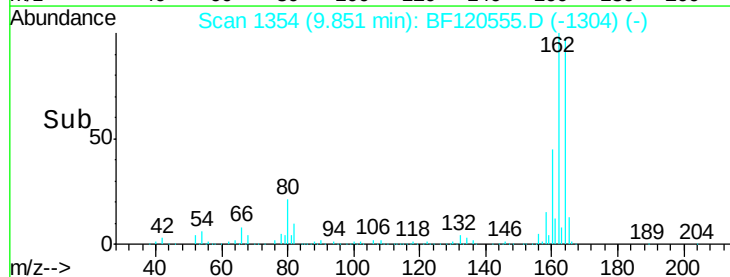
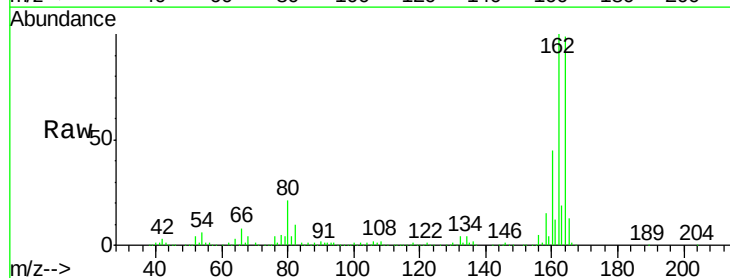
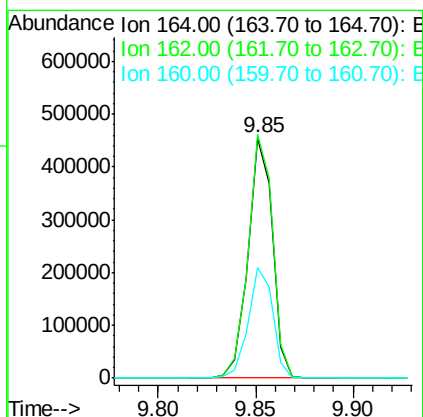
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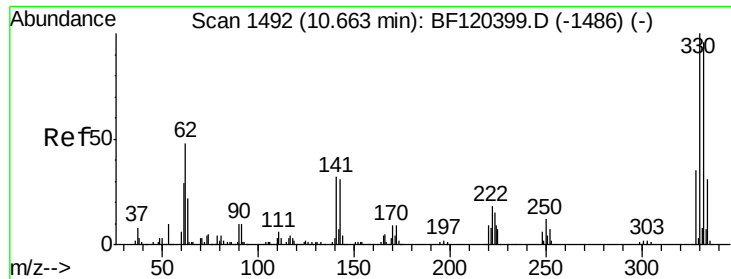
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	45.7	36.6	54.8





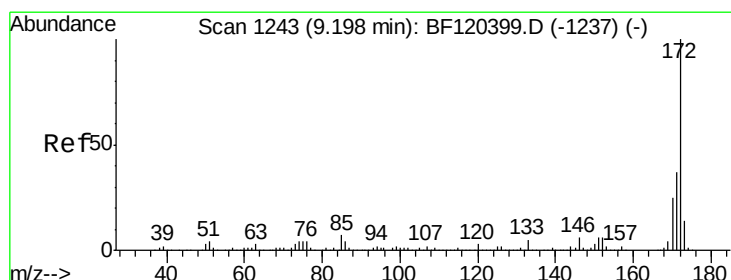
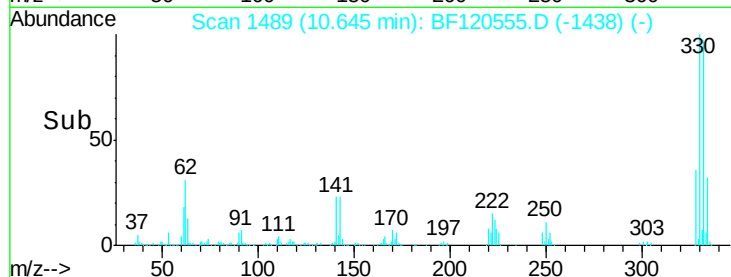
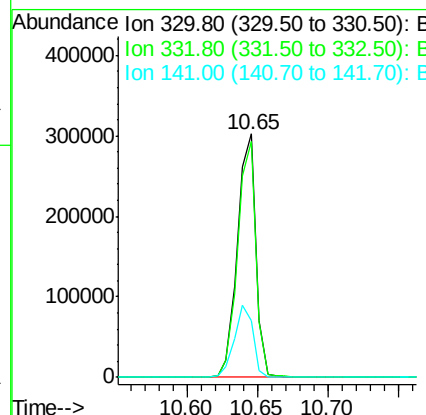
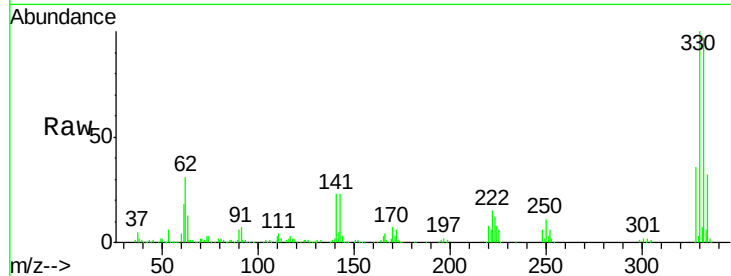
#42
 2,4,6-Tribromophenol
 Concen: 75.882 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	29.7	23.9	35.9

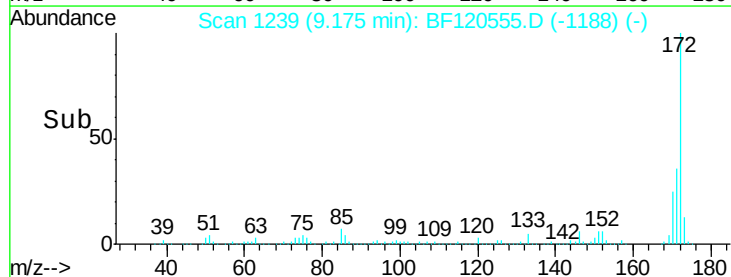
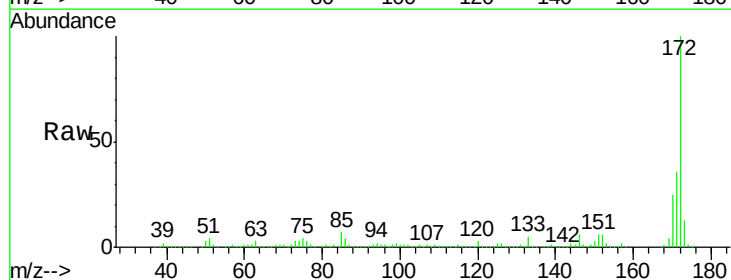
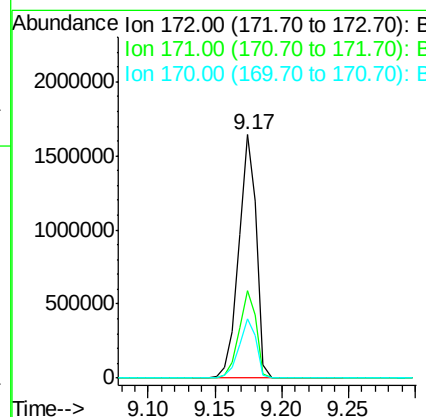
Manual Integrations
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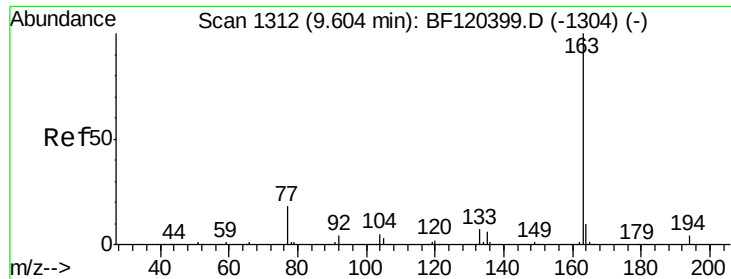
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#45
 2-Fluorobiphenyl
 Concen: 65.382 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.6	19.0	28.6





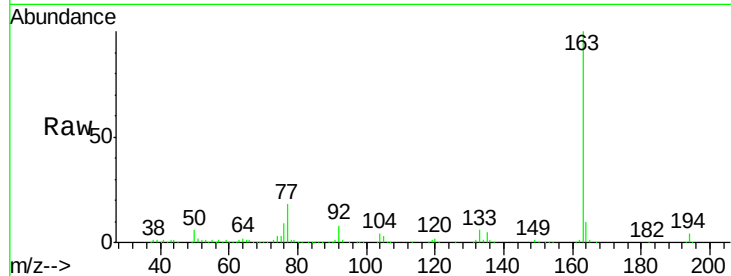
#50
Dimethylphthalate
Concen: 9.772 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

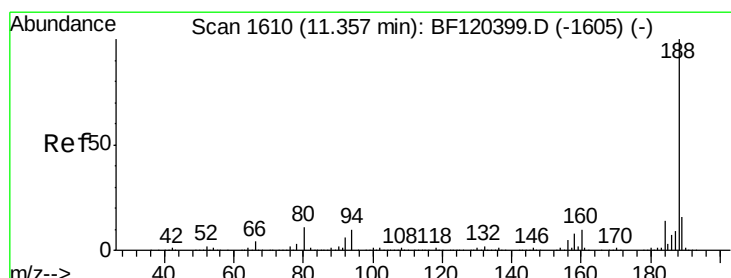
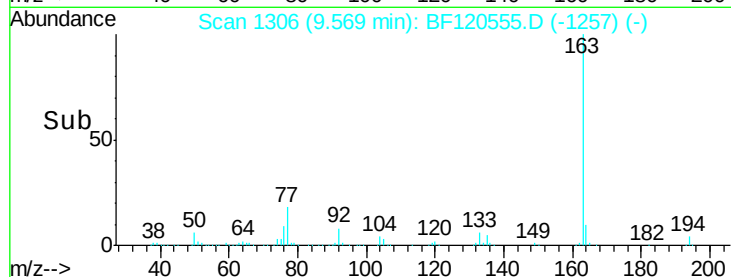
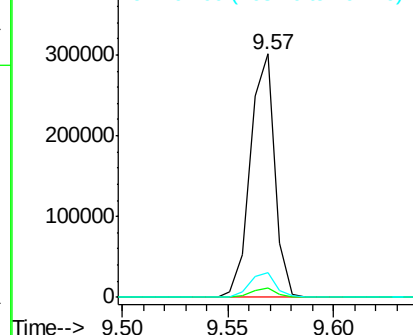
Tot Ion	Ratio	Resp	Lower	Upper
163	100	240310		
194	4.1		3.3	4.9
164	10.4		7.8	11.8

Manual Integrations
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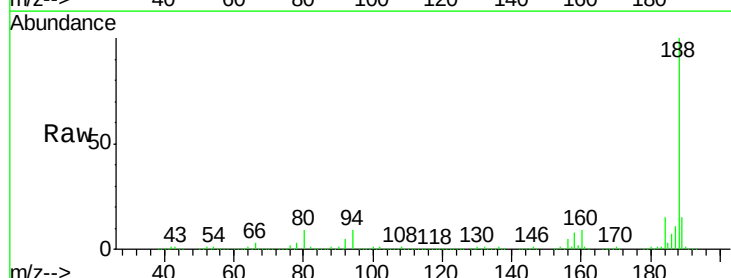


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

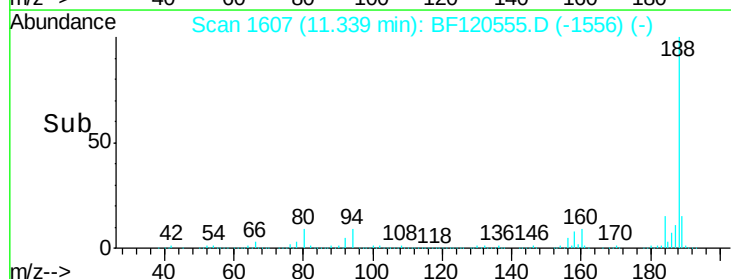
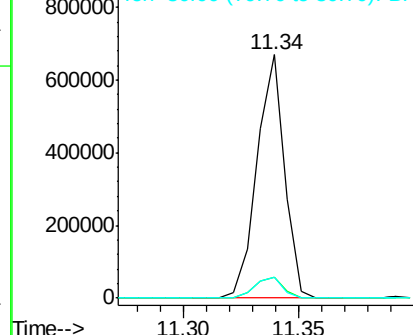


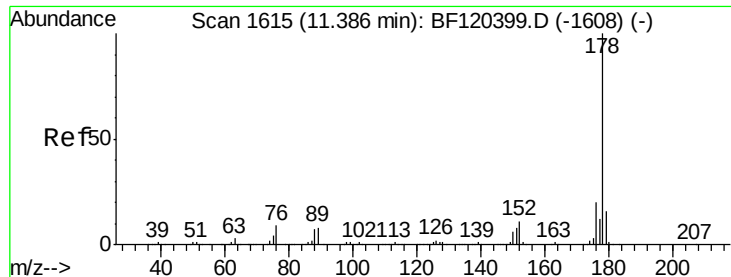
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	558429		
94	8.5		7.0	10.6
80	8.6		7.4	11.0



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





#71

Phenanthrene

Concen: 2.463 ng

RT: 11.36 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF120555.D

Acq: 5 Jun 2020 13:10

Instrument :

BNA_F

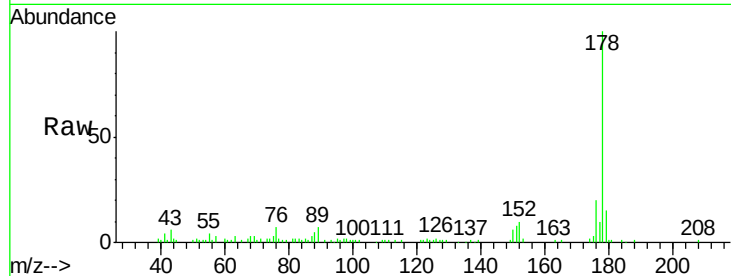
ClientSampleId :

NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.1	12.5	18.7

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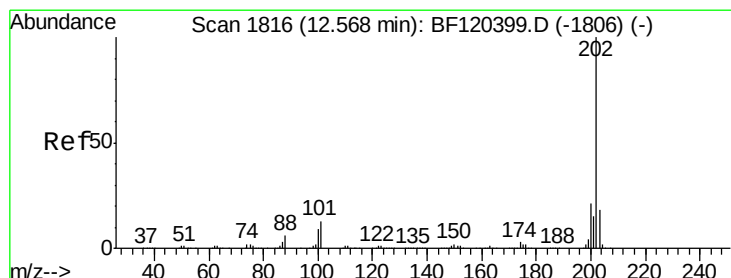
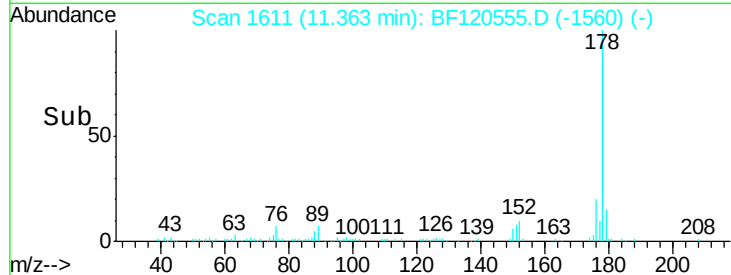
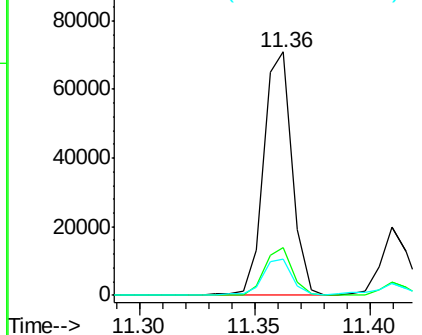
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.777 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF120555.D

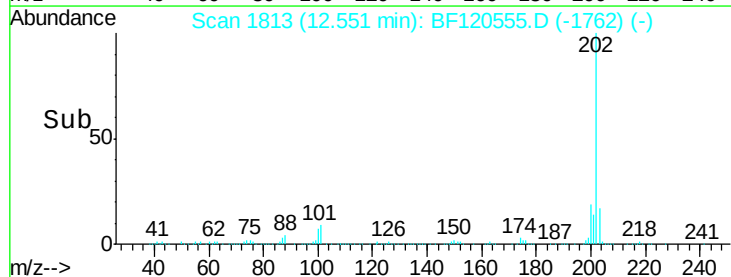
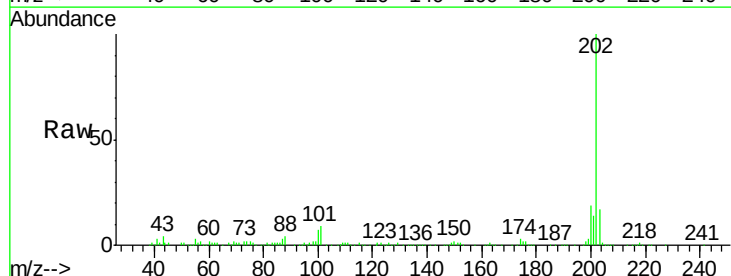
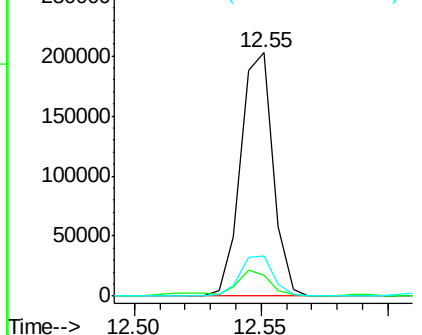
Acq: 5 Jun 2020 13:10

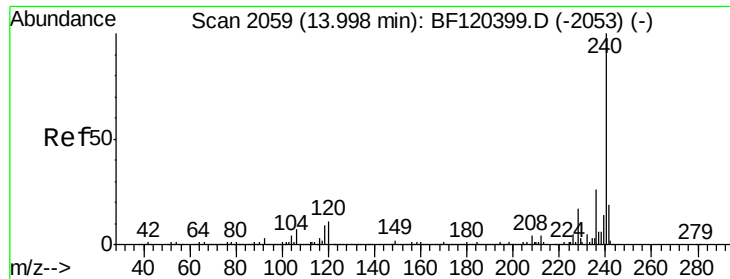
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	32.2
203	16.7	0.0	38.4

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





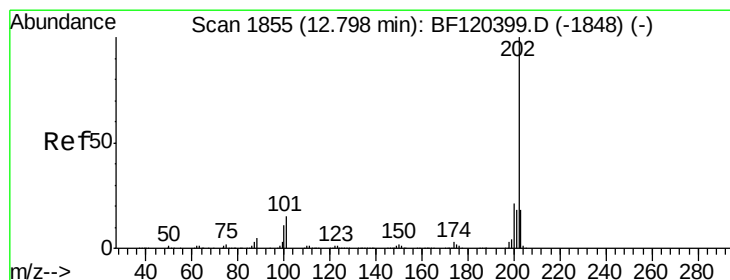
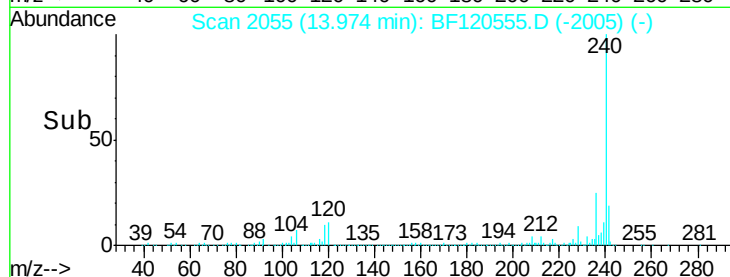
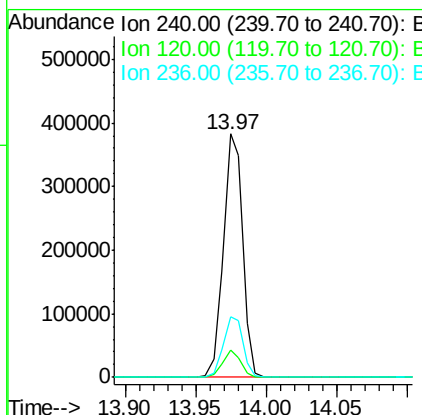
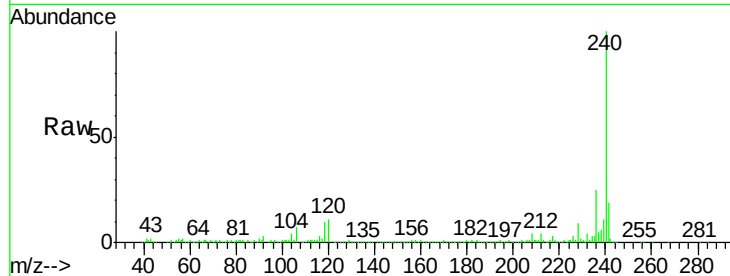
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100	361011		
120	11.0	9.1	13.7	
236	25.1	21.3	31.9	

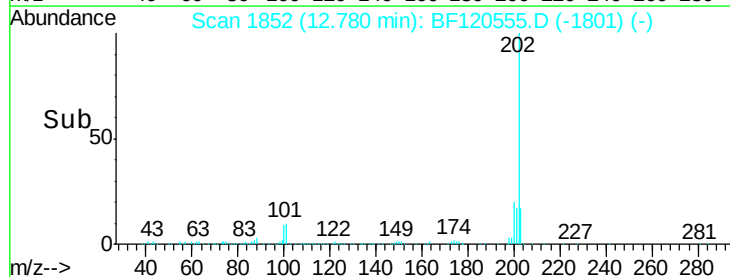
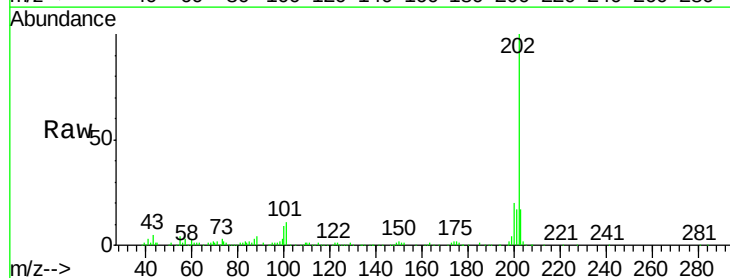
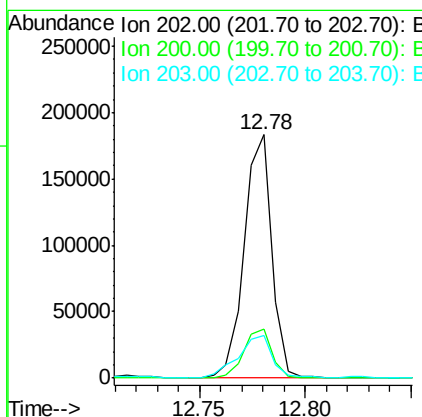
Manual Integrations
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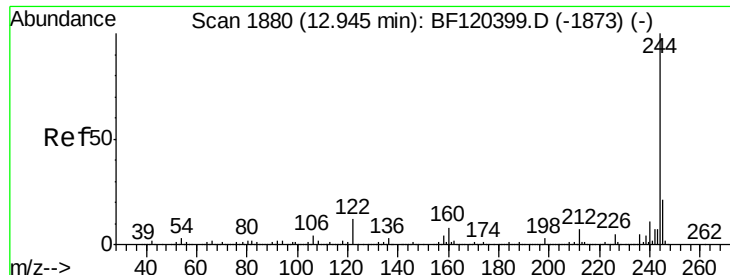
mohammad
6/8/2020 12:50:50 PM



#78
Pyrene
Concen: 6.644 ng
RT: 12.78 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	166804		
200	20.1	16.6	24.8	
203	17.3	14.4	21.6	





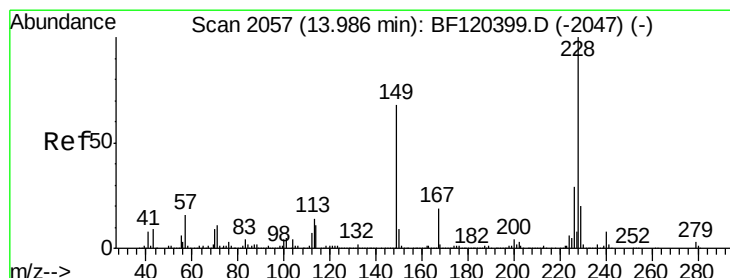
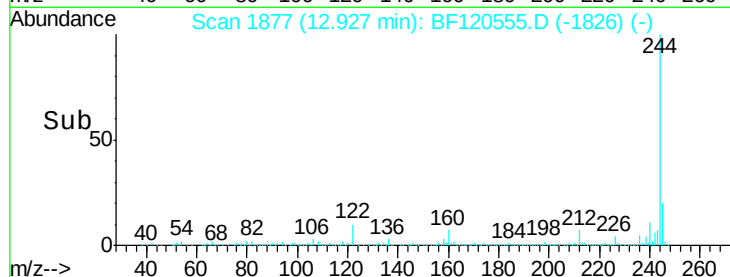
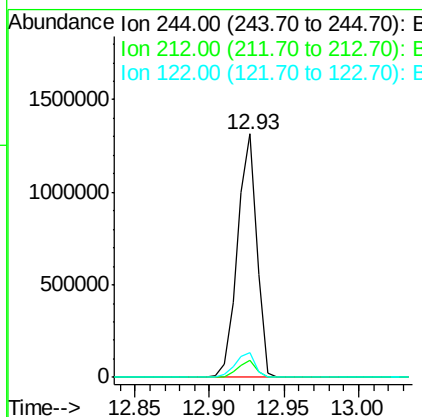
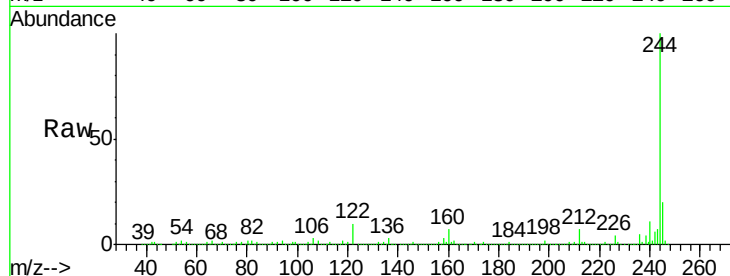
#79
 Terphenyl-d14
 Concen: 73.538 ng
 RT: 12.93 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.3	7.9
122	10.4	8.4	12.6

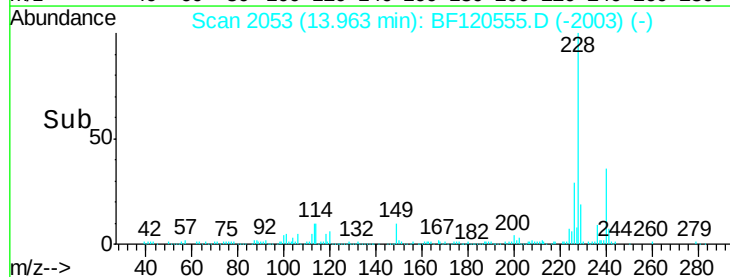
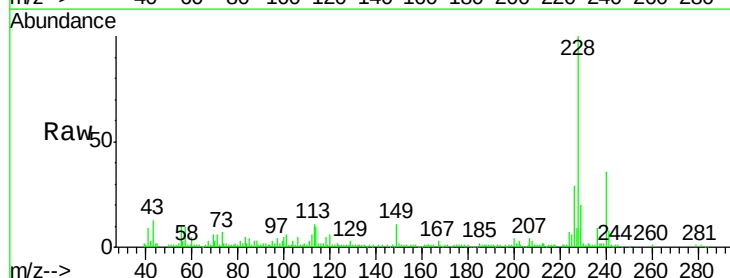
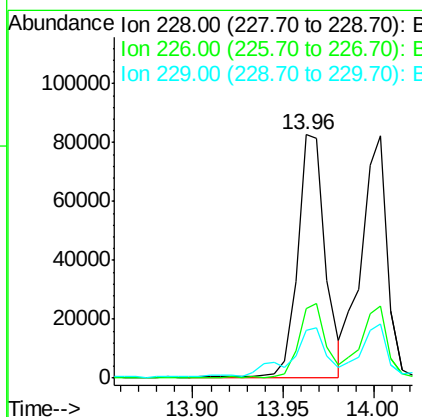
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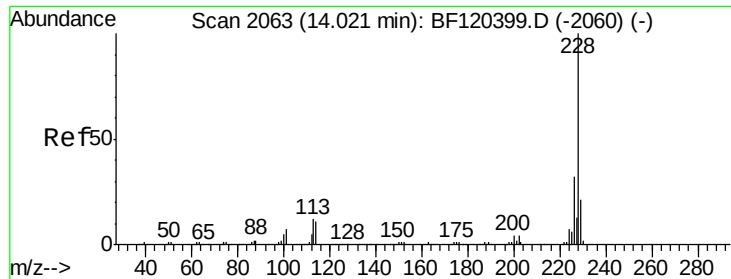
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.558 ng
 RT: 13.96 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	19.8	16.2	24.4





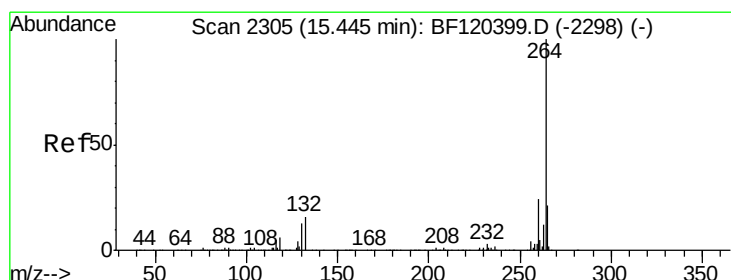
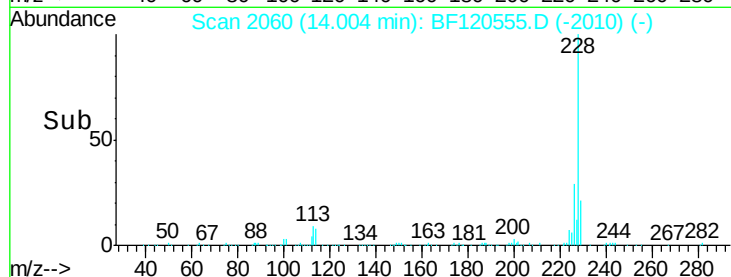
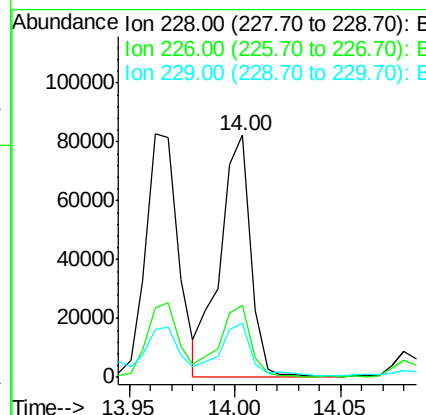
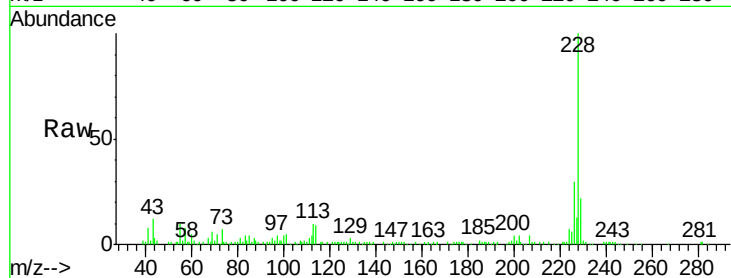
#83
Chrysene
Concen: 4.044 ng
RT: 14.00 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion:	228	Resp:	82037
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	22.2	15.6	23.4

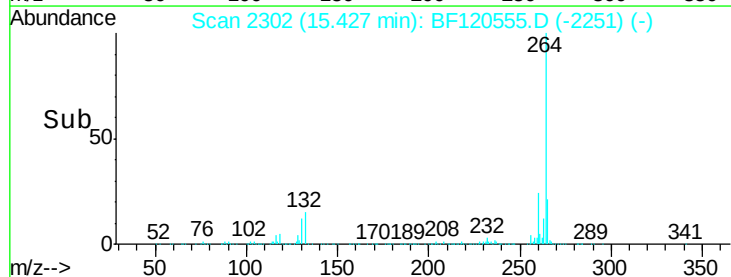
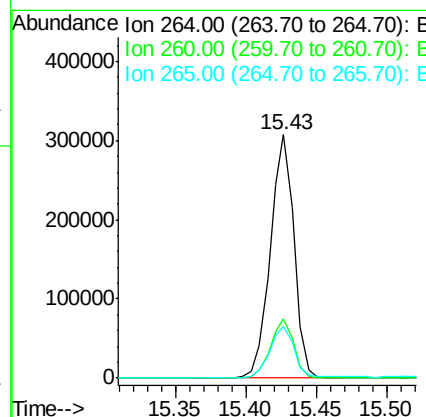
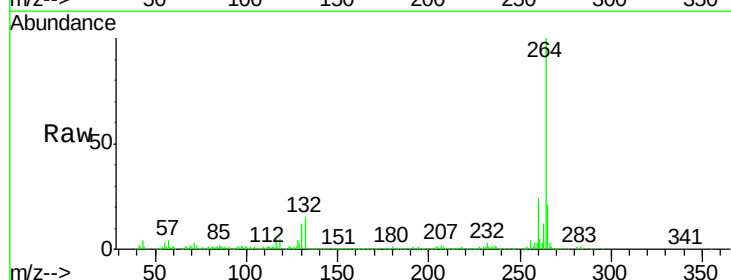
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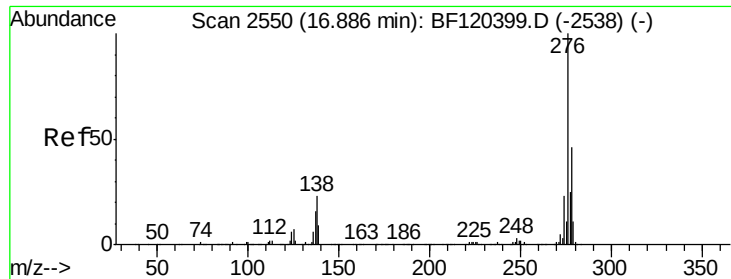
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Tgt Ion:	264	Resp:	362277
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	21.2	17.2	25.8





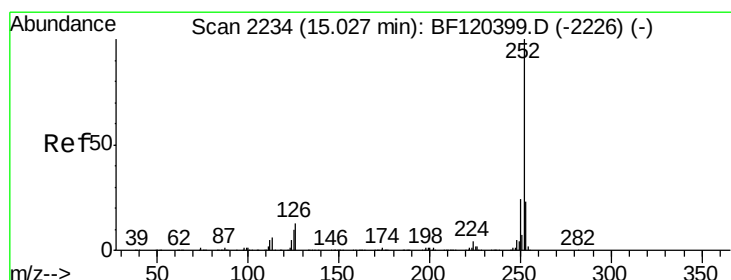
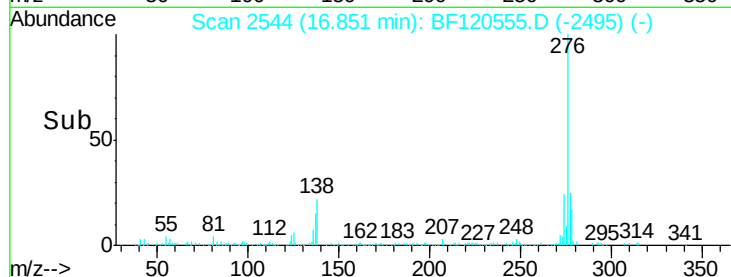
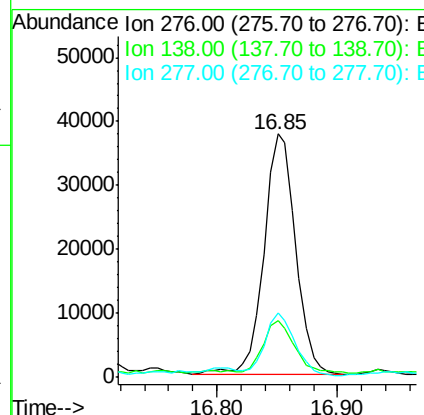
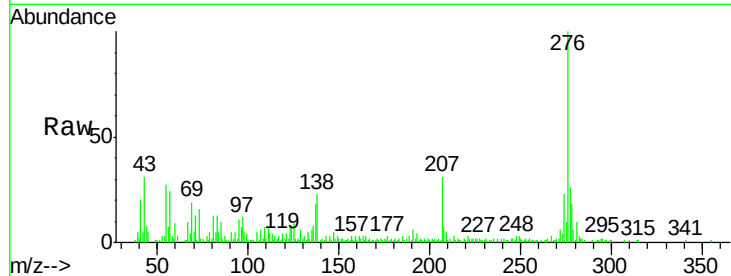
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.479 ng
 RT: 16.85 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.8	26.8
277	24.6	20.1	30.1

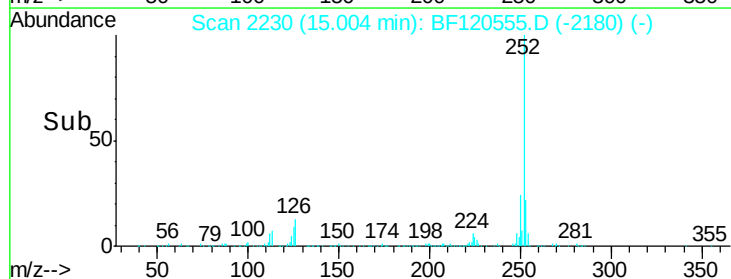
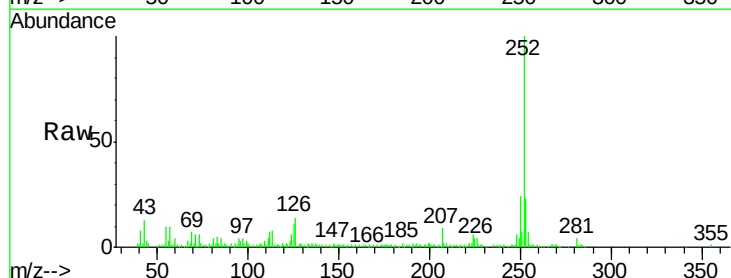
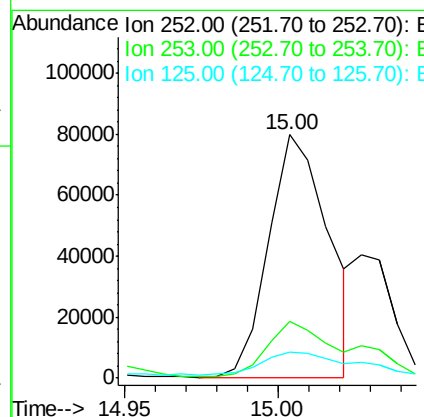
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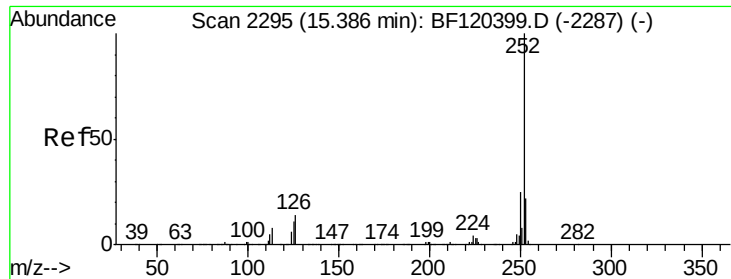
mohammad
 6/8/2020 12:50:50 PM



#88
 Benzo(b)fluoranthene
 Concen: 5.395 ng m
 RT: 15.00 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF120555.D
 Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.8	6.7	10.1#





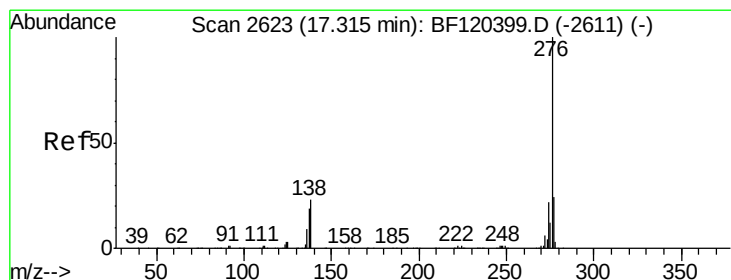
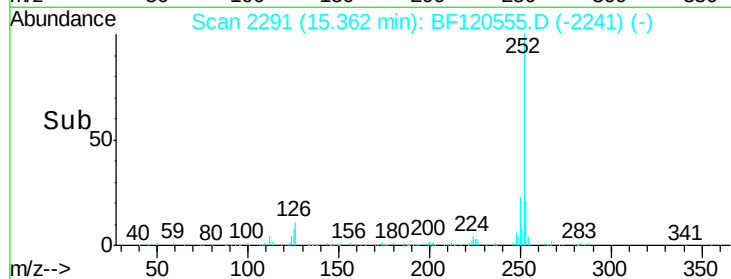
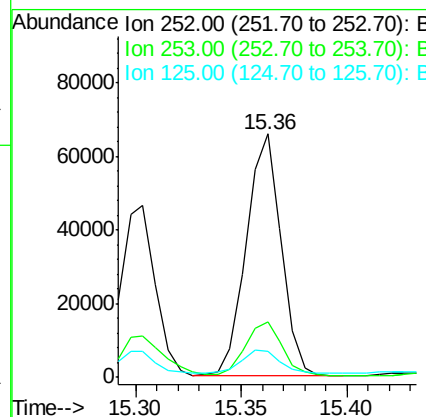
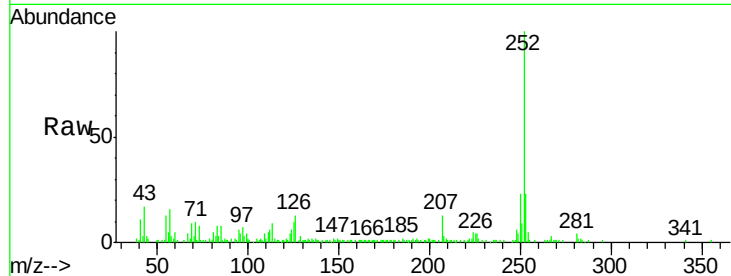
#90
Benzo(a)pyrene
Concen: 4.263 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Instrument :
BNA_F
ClientSampleId :
NM108-2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.5	7.8	11.8

Manual Integrations
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6/8/2020 12:50:50 PM



#92
Benzo(g,h,i)perylene
Concen: 4.189 ng
RT: 17.29 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF120555.D
Acq: 5 Jun 2020 13:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	23.3	15.4	23.0

