

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120525.D
 Acq On : 3 Jun 2020 22:27
 Operator : JU/CG
 Sample : L2839-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM5-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 02:09:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	148264	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	538315	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	286696	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	449137	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354818	20.00	ng	-0.01
86) Perylene-d12	15.46	264	284896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	718018	92.29	ng	0.00
7) Phenol-d6	6.47	99	1080067	112.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	573498	69.69	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	265854	100.08	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1394713	82.54	ng	0.00
79) Terphenyl-d14	12.94	244	1202829	75.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	199485	11.130	ng	99
71) Phenanthrene	11.38	178	242013	12.229	ng	98
72) Anthracene	11.43	178	67055	3.377	ng	97
75) Fluoranthene	12.57	202	367934	17.278	ng	99
78) Pyrene	12.80	202	333185	13.503	ng	99
81) Benzo(a)anthracene	13.99	228	261281	13.740	ng	99
83) Chrysene	14.02	228	229439	11.509	ng	97
84) Bis(2-ethylhexyl)phthalate	13.98	149	26075	2.156	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.90	276	108196	6.944	ng	96
88) Benzo(b)fluoranthene	15.03	252	284087m	17.953	ng	
89) Benzo(k)fluoranthene	15.06	252	72412m	4.902	ng	
90) Benzo(a)pyrene	15.39	252	178951	12.929	ng	99
91) Dibenzo(a,h)anthracene	16.91	278	28829	2.269	ng	# 84
92) Benzo(a,h,i)perylene	17.34	276	107516	8.581	ng	98

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

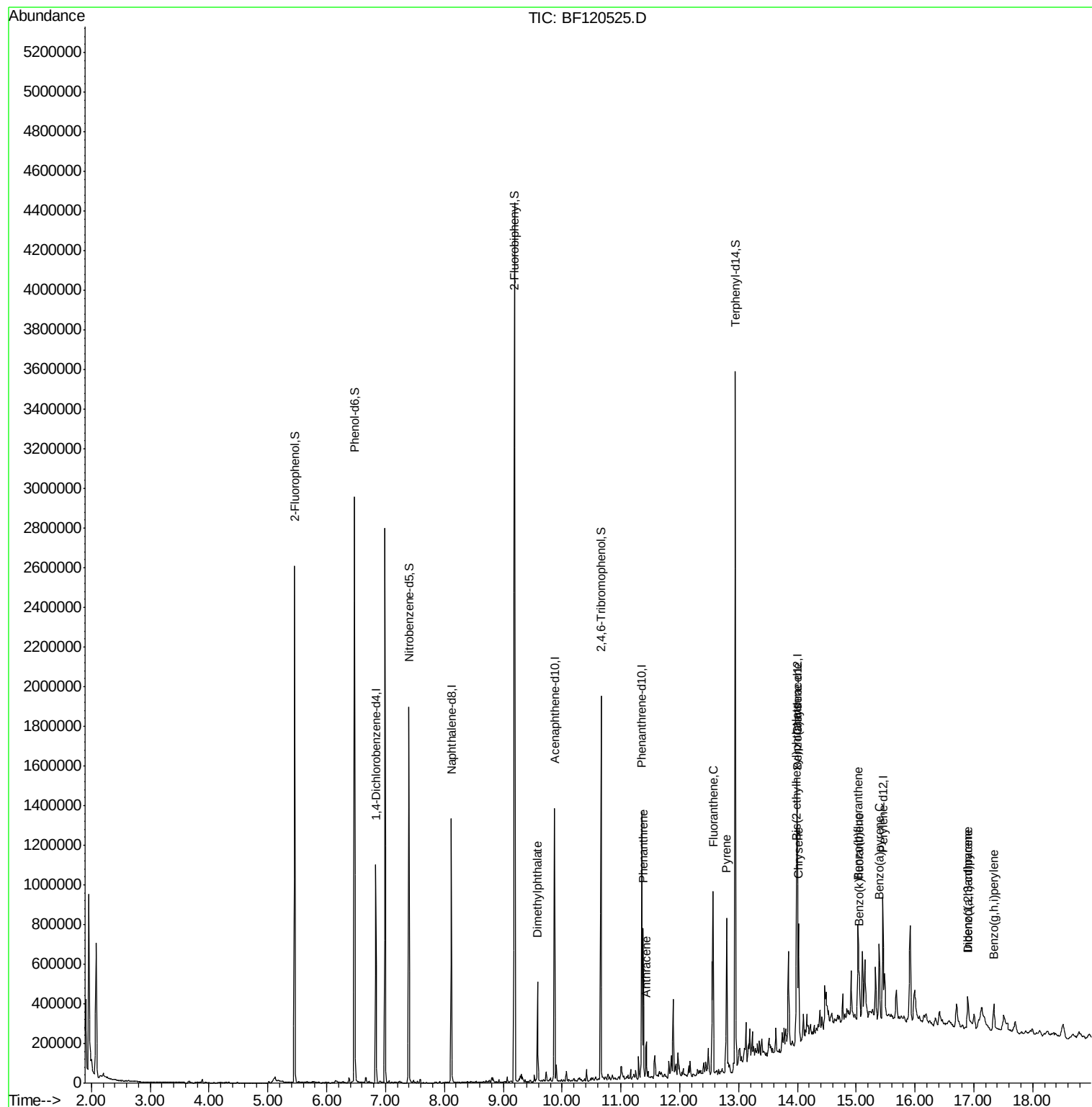
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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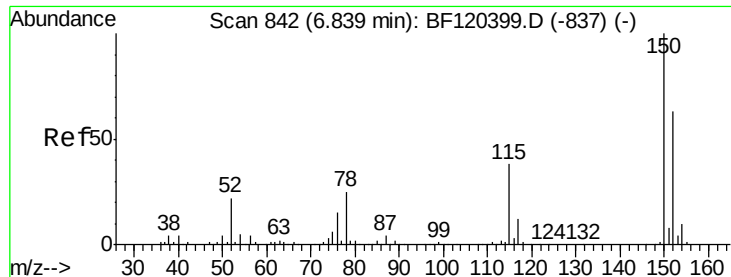
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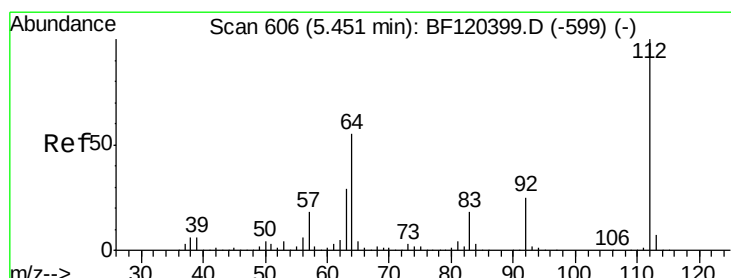
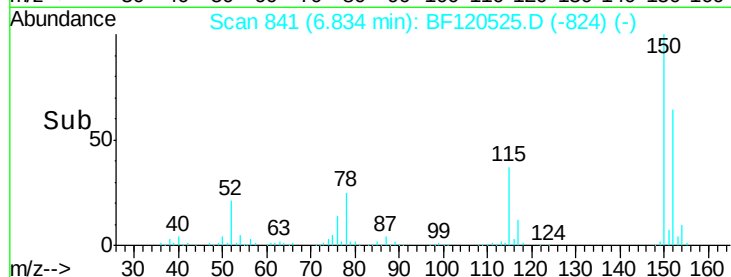
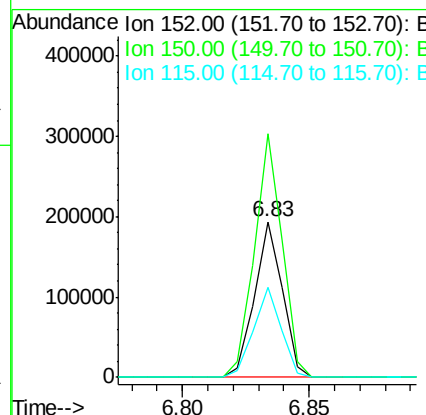
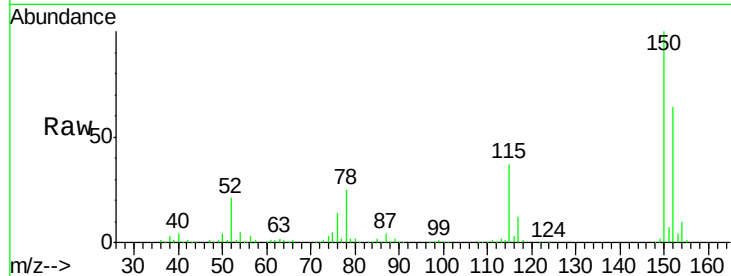
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :
 NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.1	190.7
115	58.2	48.7	73.1

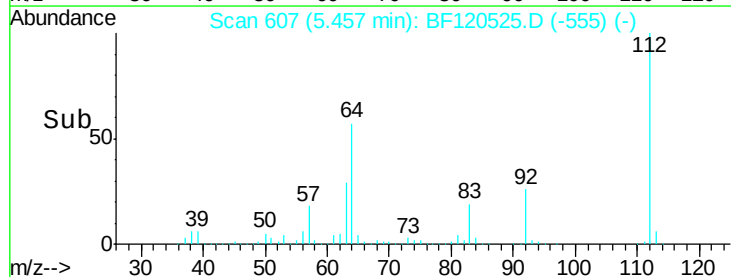
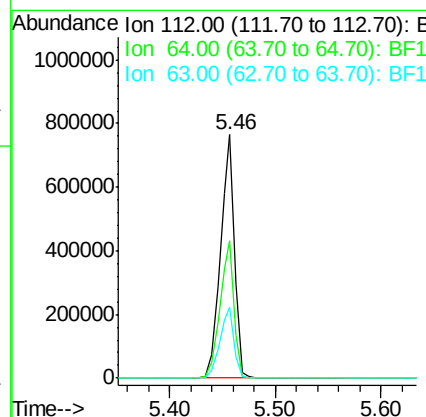
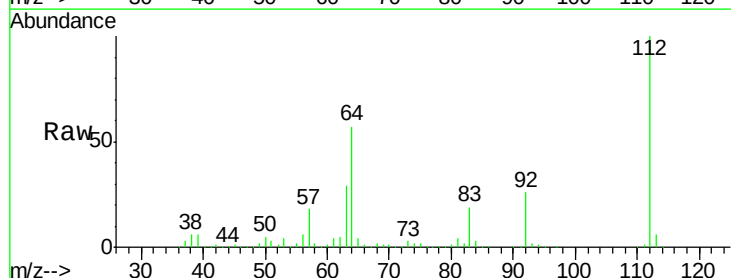
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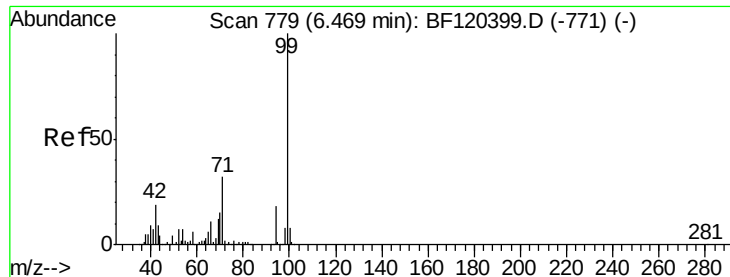
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#5
 2-Fluorophenol
 Concen: 92.292 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.8	68.8
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 112.634 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Instrument :

BNA_F

ClientSampleId :

NM5-COMP-2020-0-6

Tot Ion: 99 Resp: 1080067

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

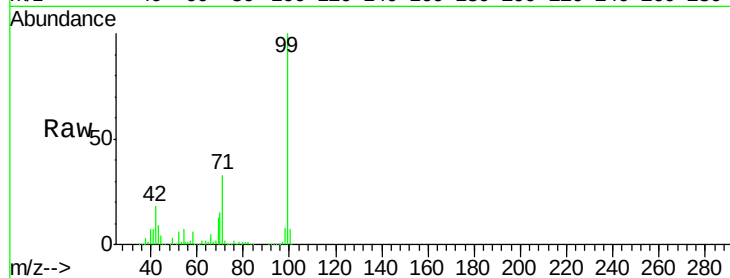
71 33.3 26.3 39.5

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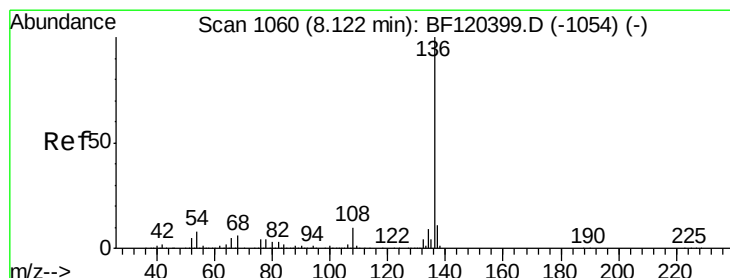
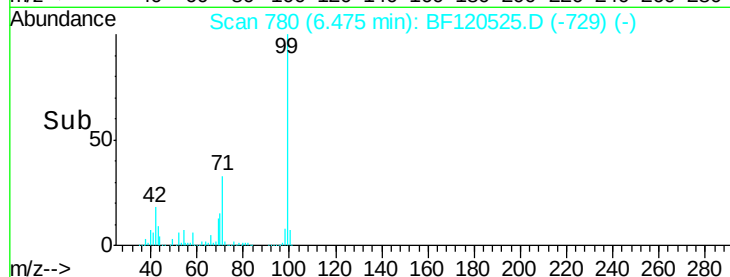
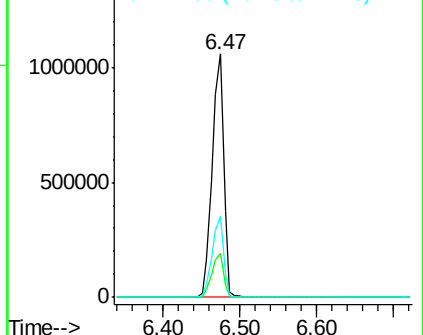
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Tgt Ion: 136 Resp: 538315

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.3 6.0 9.0

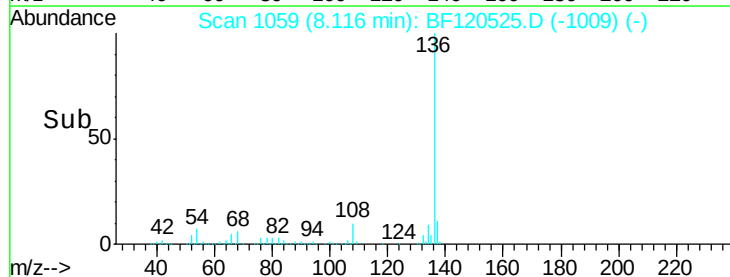
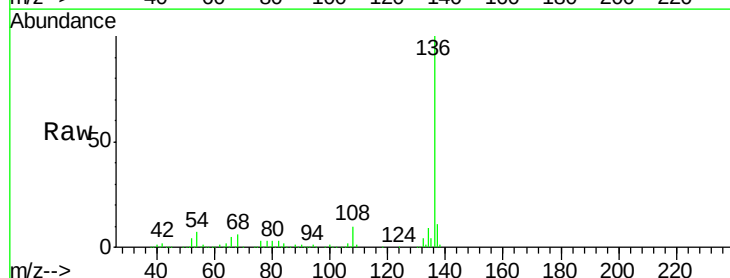
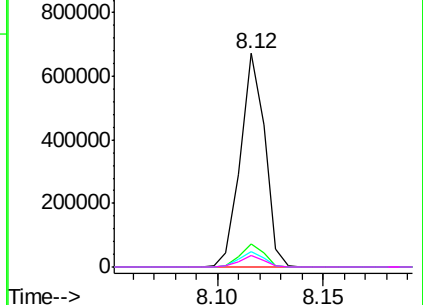
68 5.5 4.8 7.2

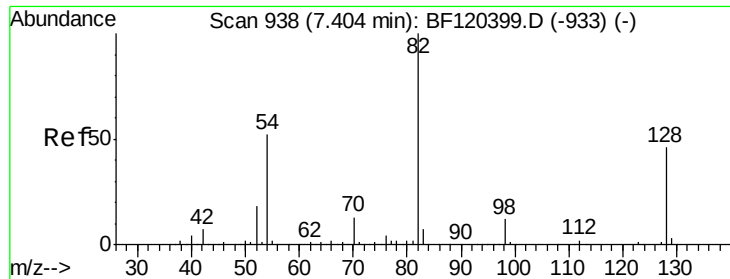
Abundance Ion 136.00 (135.70 to 136.70): E

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





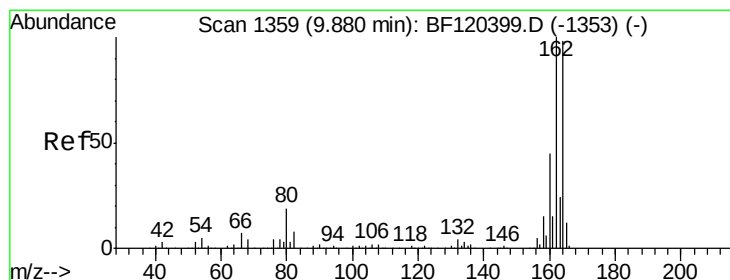
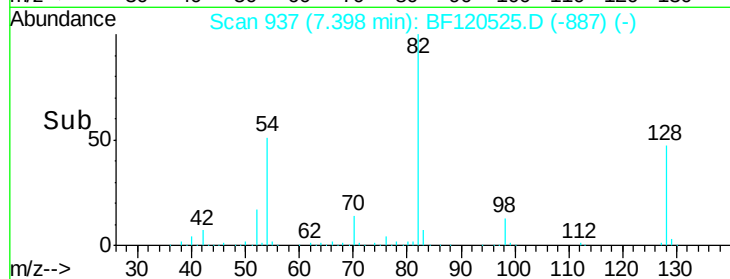
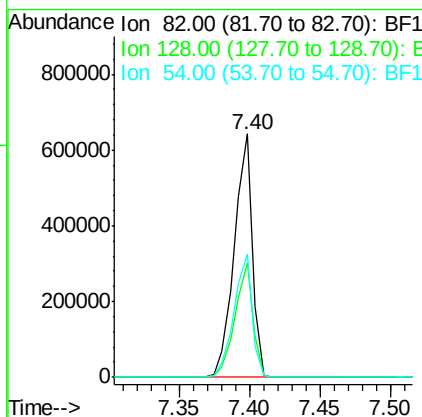
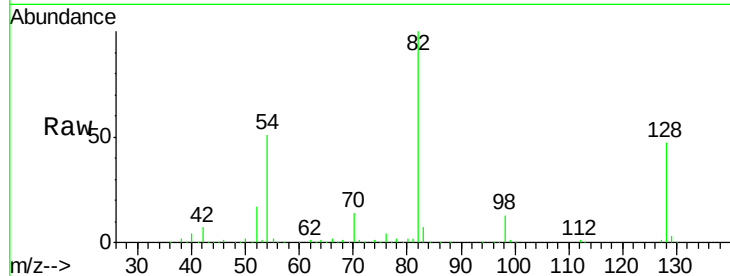
#23
 Nitrobenzene-d5
 Concen: 69.688 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :
 NM5-COMP-2020-0-6

Tot Ion	82	Resp	573498
Ion Ratio	100	Lower	Upper
128	46.9	37.4	56.0
54	50.8	40.7	61.1

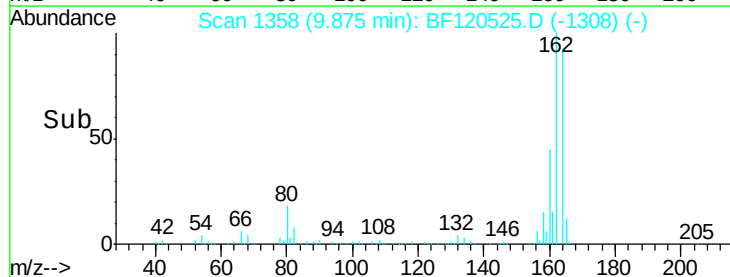
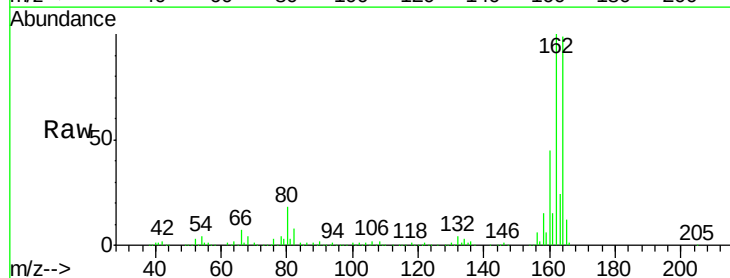
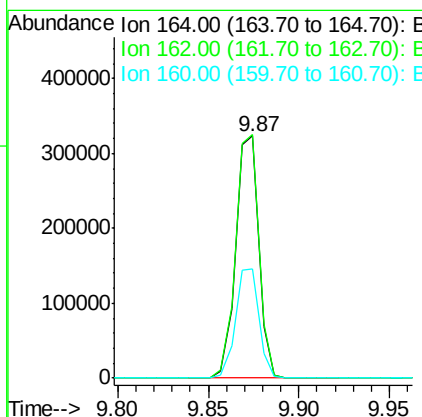
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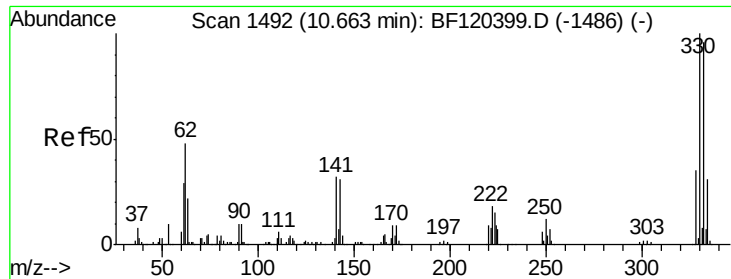
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Tgt Ion	164	Resp	286696
Ion Ratio	100	Lower	Upper
162	100.6	81.8	122.6
160	45.0	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 100.082 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Instrument :

BNA_F

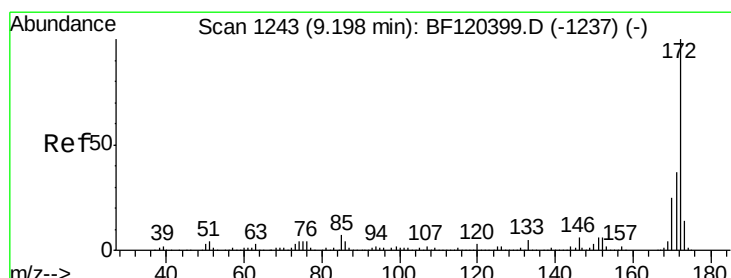
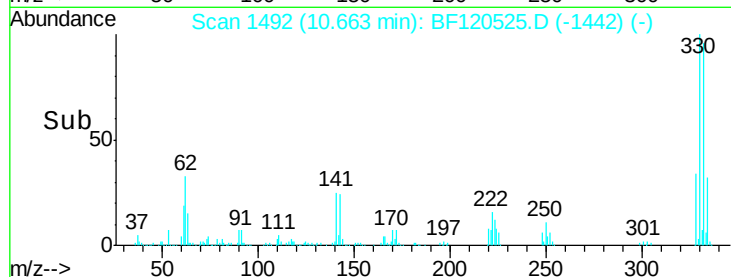
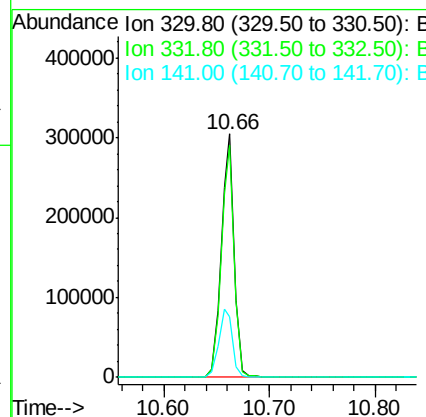
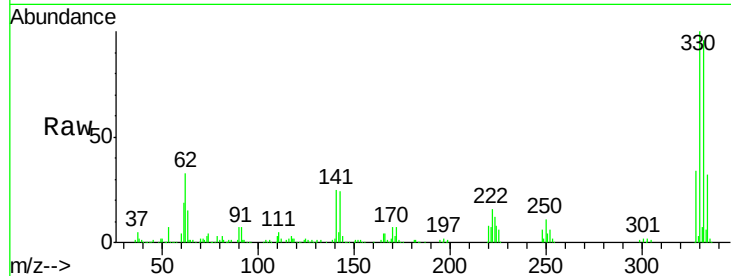
ClientSampleId :

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Tot Ion:	330	Resp:	265854
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.2
141	30.0	23.5	35.3

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#45

2-Fluorobiphenyl

Concen: 82.540 ng

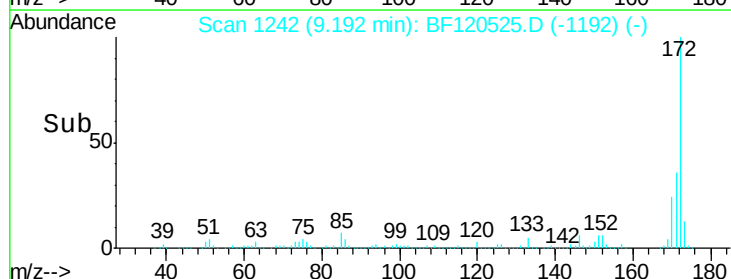
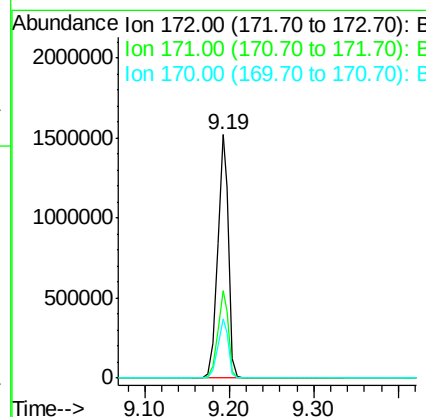
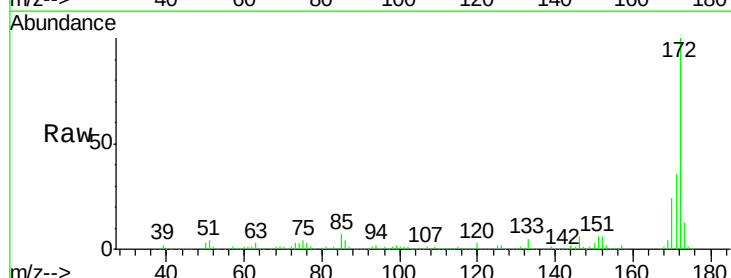
RT: 9.19 min Scan# 1242

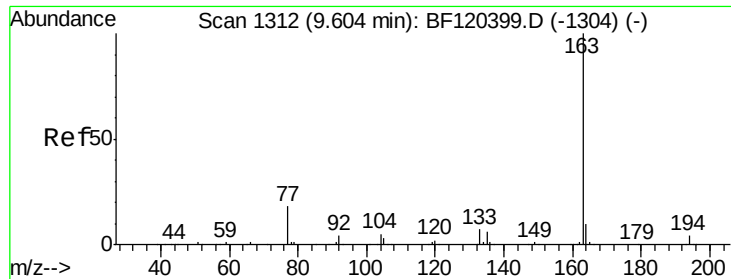
Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Tgt Ion:	172	Resp:	1394713
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.2	43.8
170	24.2	20.1	30.1





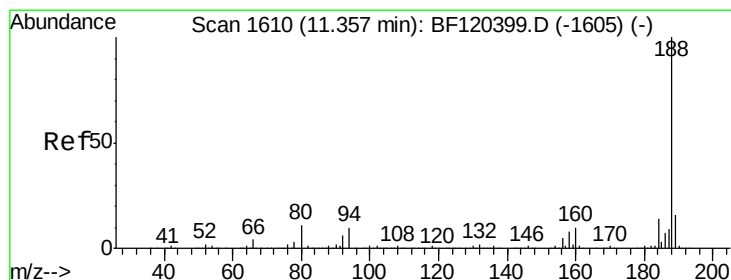
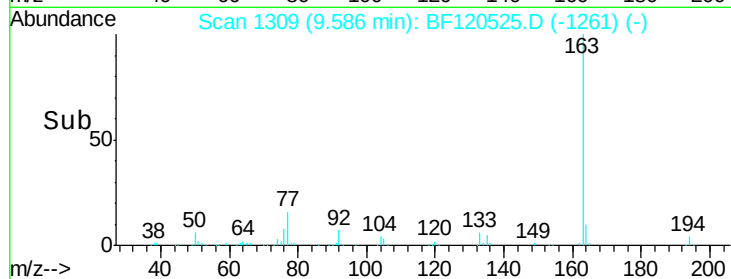
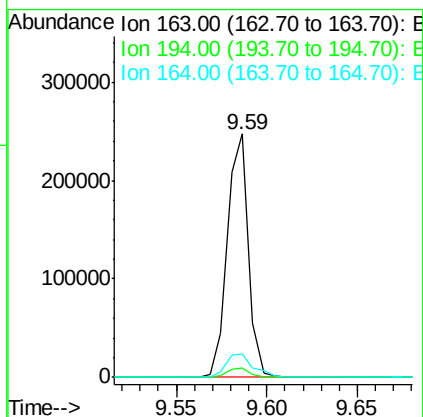
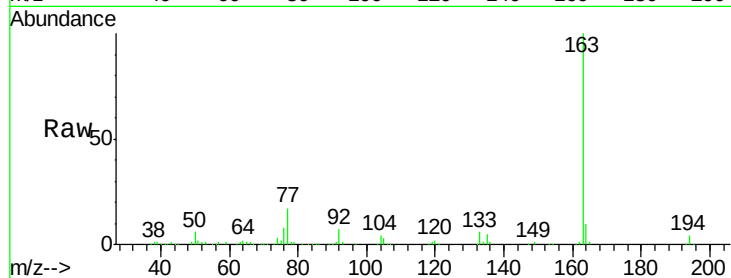
#50
Dimethylphthalate
Concen: 11.130 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Instrument :
BNA_F
ClientSampleId :
NM5-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	199485		
194	4.0		3.1	4.7
164	9.6		8.2	12.4

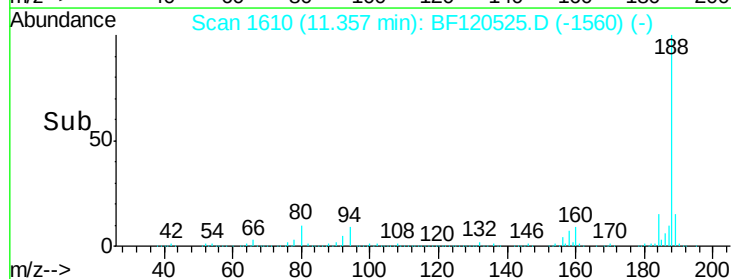
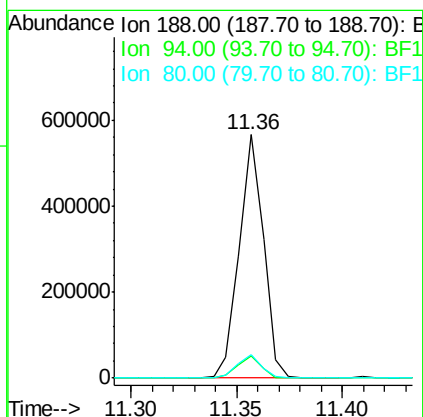
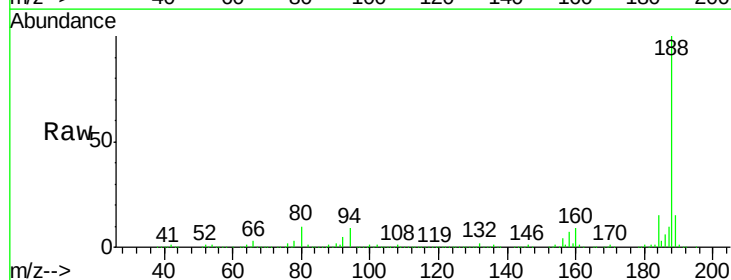
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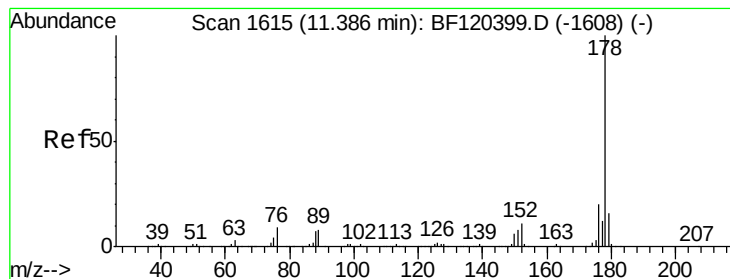
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	449137		
94	9.1		7.5	11.3
80	9.6		7.9	11.9





#71

Phenanthrene

Concen: 12.229 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Instrument :

BNA_F

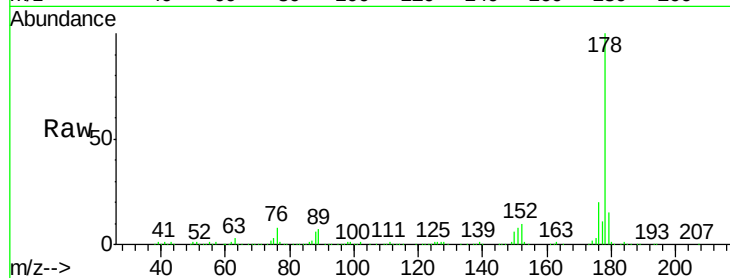
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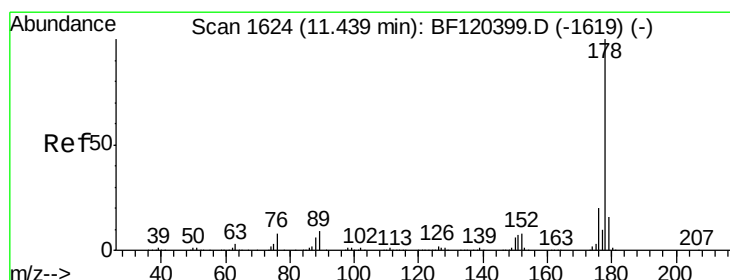
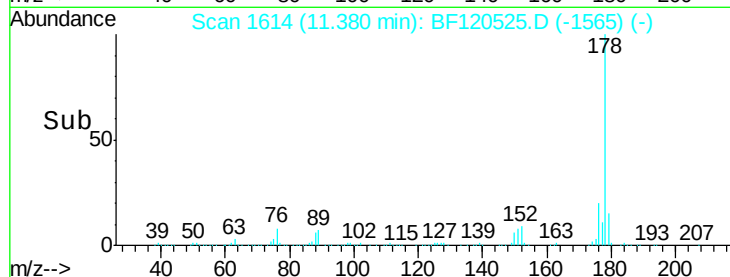
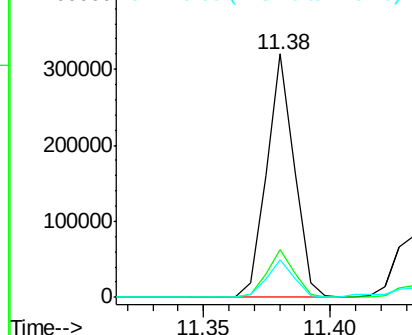
Tot Ion:	178	Resp:	242013
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.6	24.8
179	15.3	13.0	19.4

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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



#72

Anthracene

Concen: 3.377 ng

RT: 11.43 min Scan# 1623

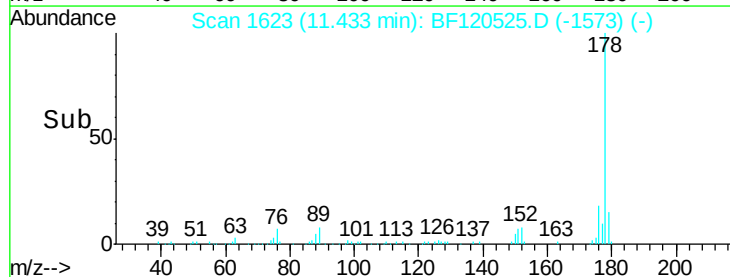
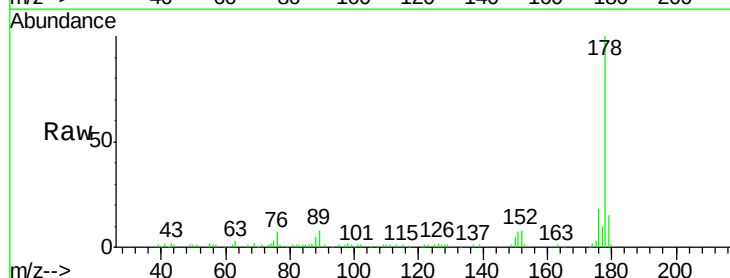
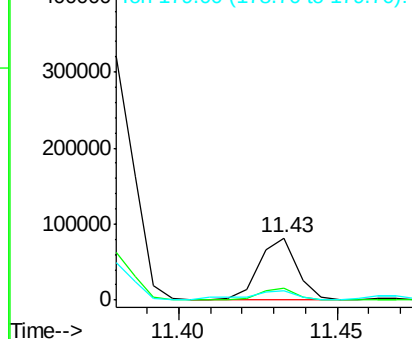
Delta R.T. -0.01 min

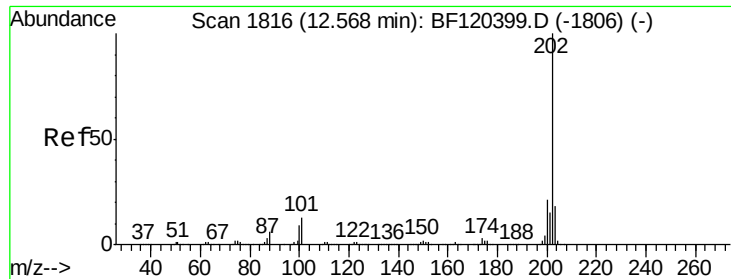
Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Tgt Ion:	178	Resp:	67055
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.7	23.5
179	15.1	13.1	19.7

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: 17.278 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Instrument :

BNA_F

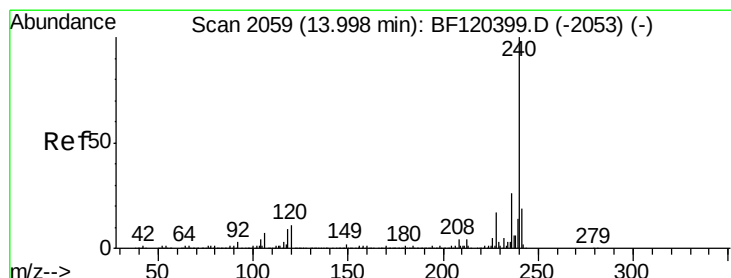
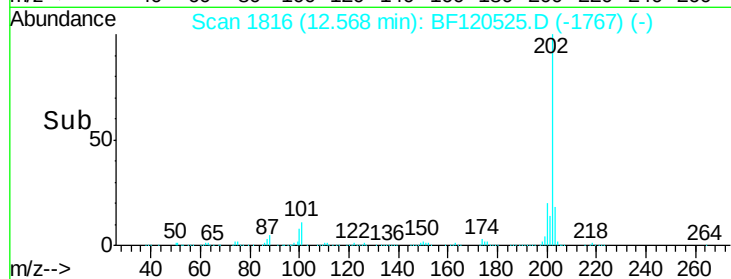
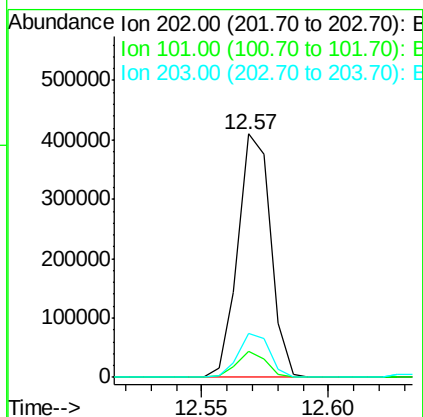
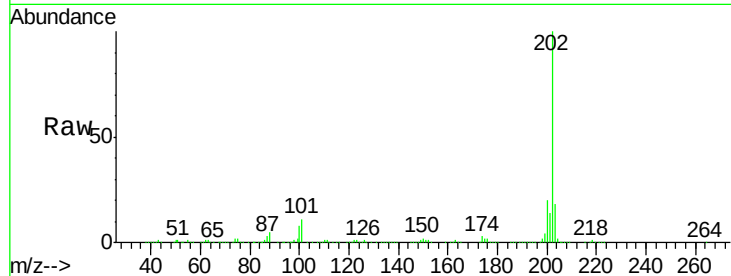
ClientSampleId :

NM5-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	367934		
101	10.9	0.0	30.4	
203	17.9	0.0	38.2	

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#76

Chrysene-d12

Concen: 20.000 ng

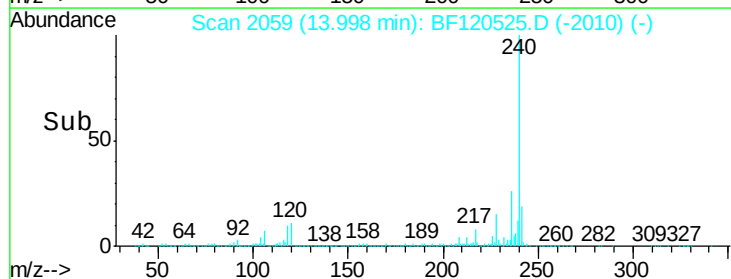
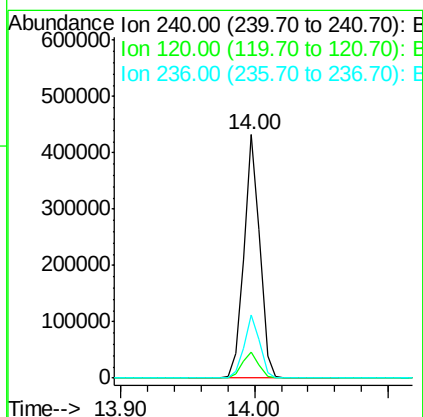
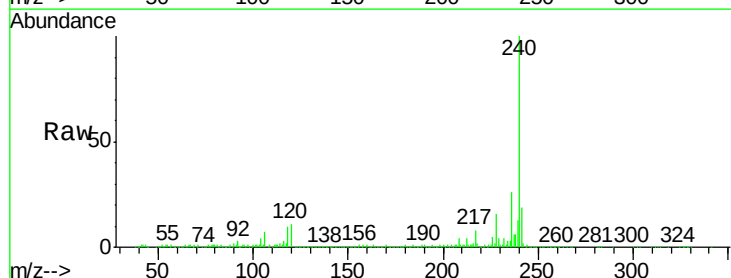
RT: 14.00 min Scan# 2059

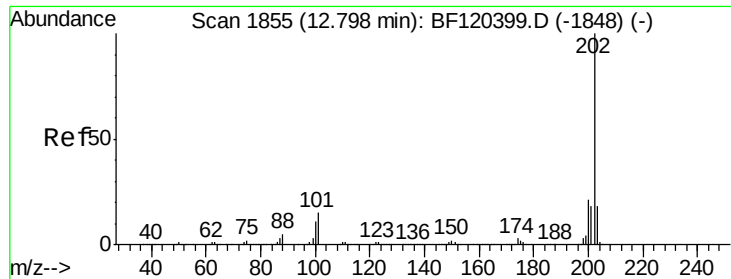
Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	354818		
120	10.8	7.9	11.9	
236	25.8	21.1	31.7	





#78

Pvrene

Concen: 13.503 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Instrument :

BNA_F

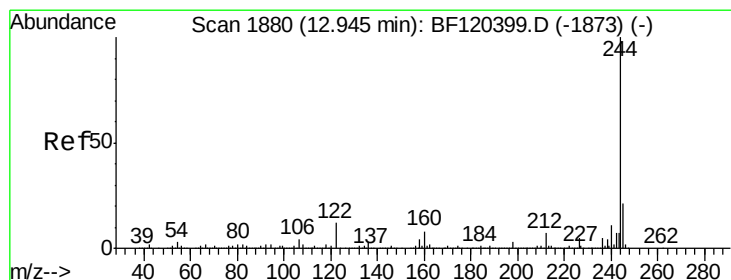
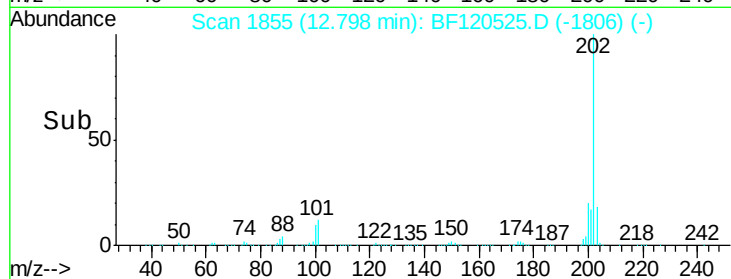
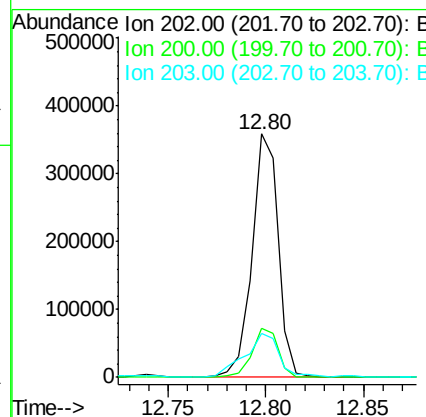
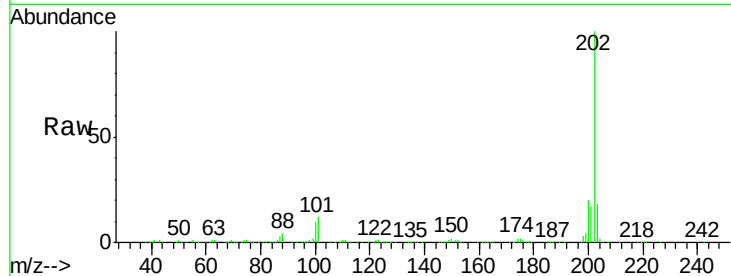
ClientSampleId :

NM5-COMP-2020-0-6

Tot Ion:	202	Resp:	333185
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.3	25.9
203	18.1	14.5	21.7

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#79

Terphenyl-d14

Concen: 75.435 ng

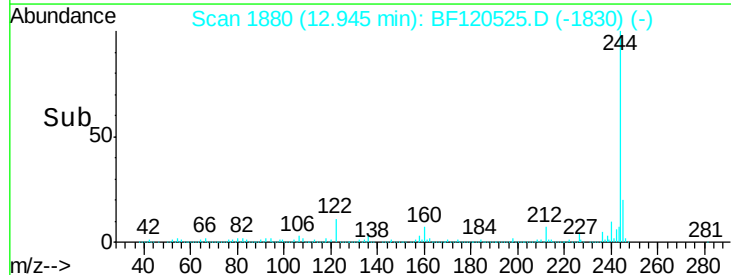
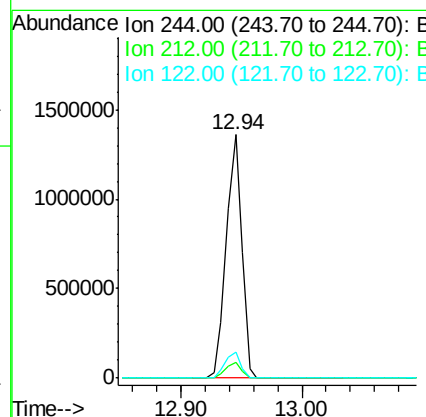
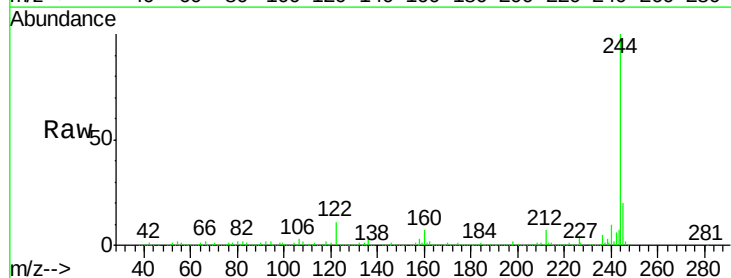
RT: 12.94 min Scan# 1880

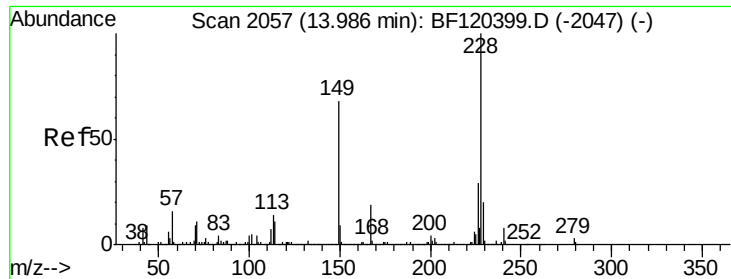
Delta R.T. -0.01 min

Lab File: BF120525.D

Acq: 3 Jun 2020 22:27

Tgt Ion:	244	Resp:	1202829
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.8	8.2	12.4





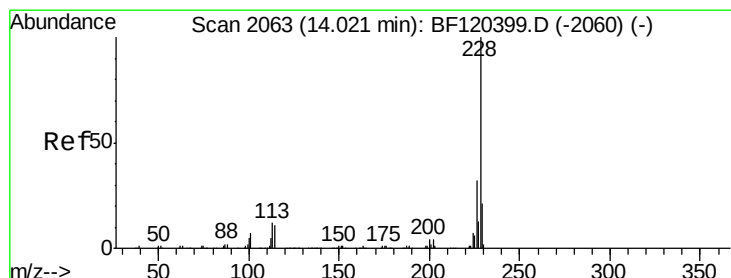
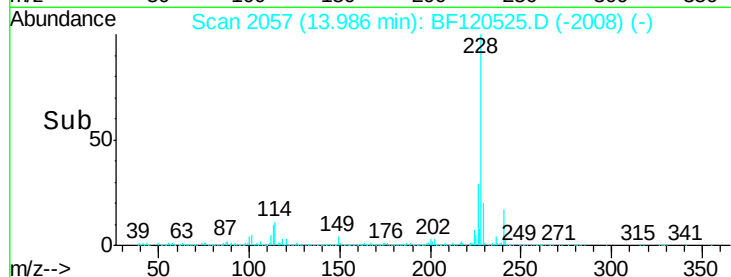
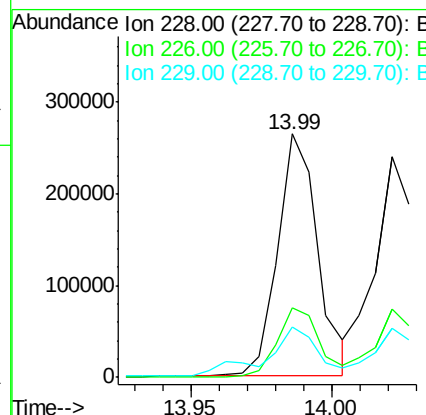
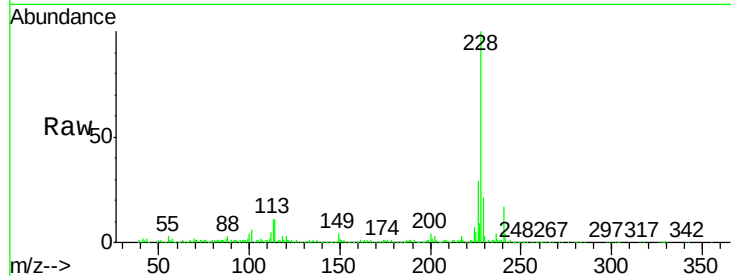
#81
Benzo(a)anthracene
Concen: 13.740 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Instrument :
BNA_F
ClientSampleId :
NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.8	16.3	24.5

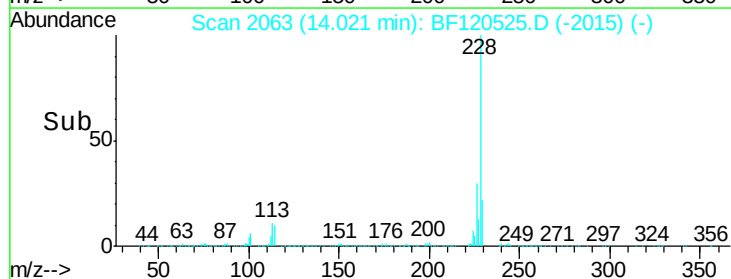
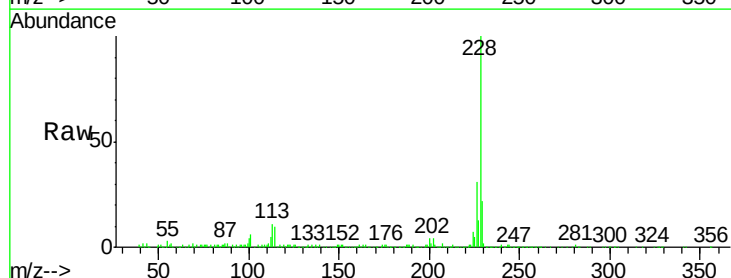
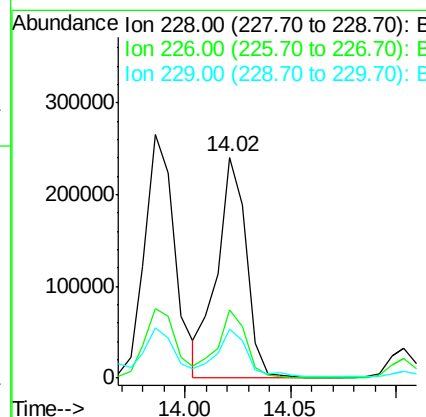
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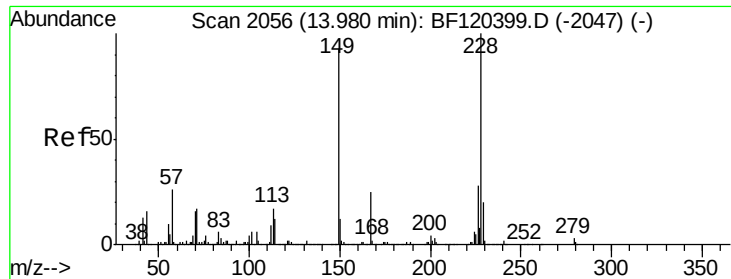
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#83
Chrysene
Concen: 11.509 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	22.2	16.1	24.1





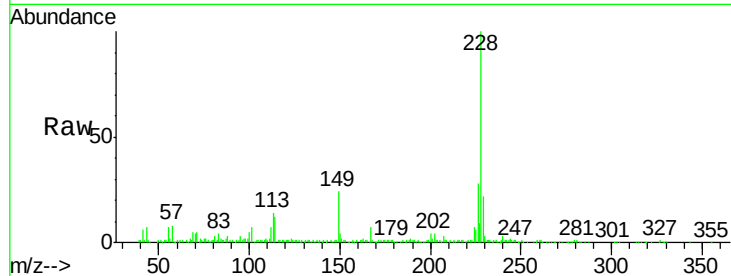
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.156 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Instrument :
BNA_F
ClientSampleId :
NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.0	33.0
279	5.4	3.2	4.8

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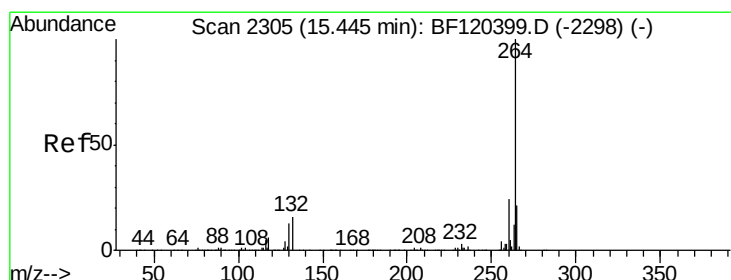
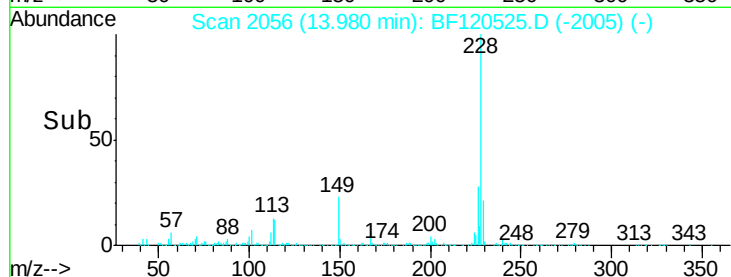
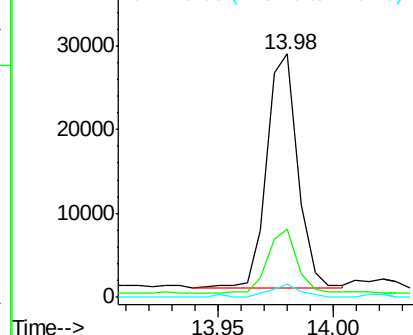


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

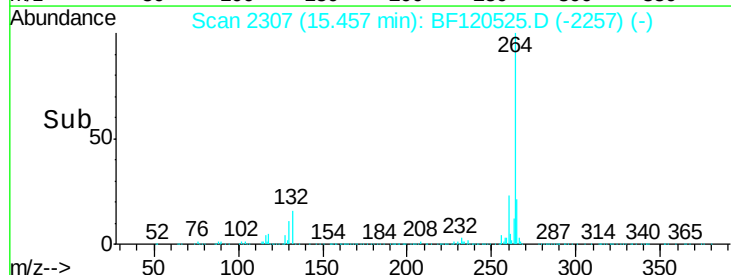
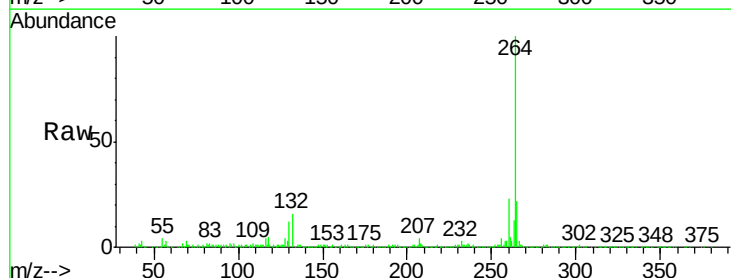
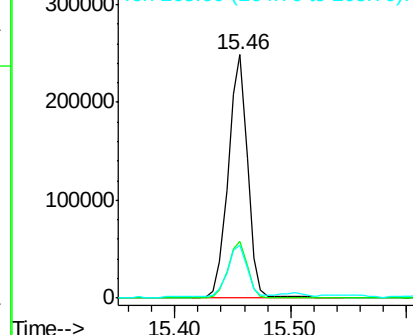
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.8
265	21.7	17.5	26.3

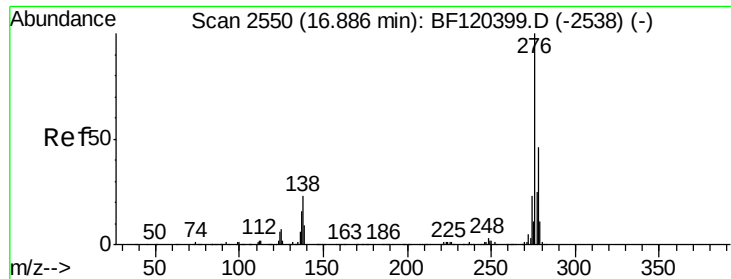
Abundance

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





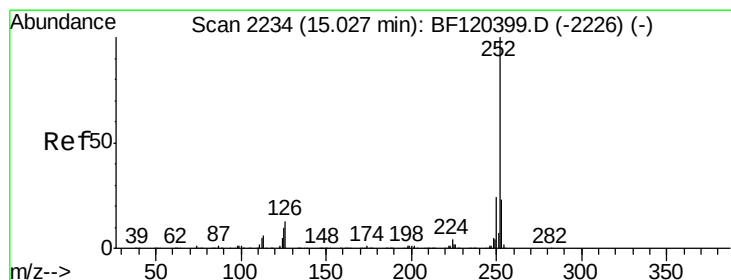
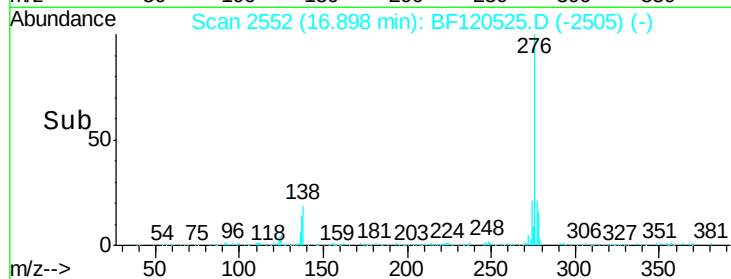
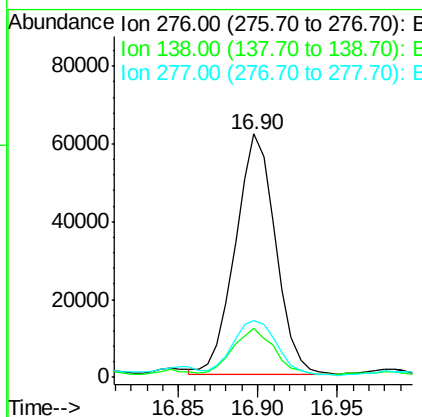
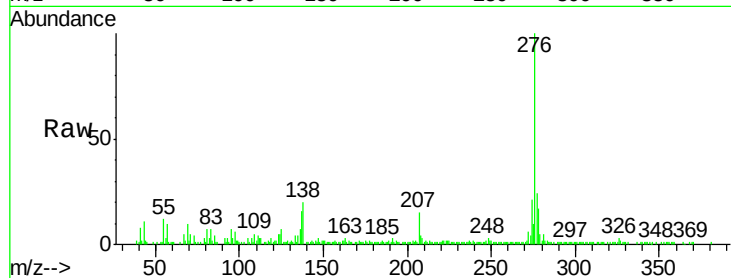
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.944 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :
 NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.2	28.8
277	25.5	20.4	30.6

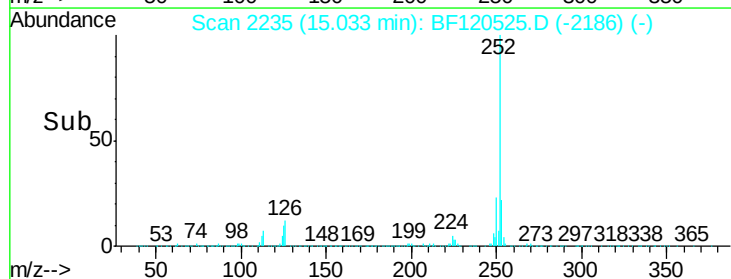
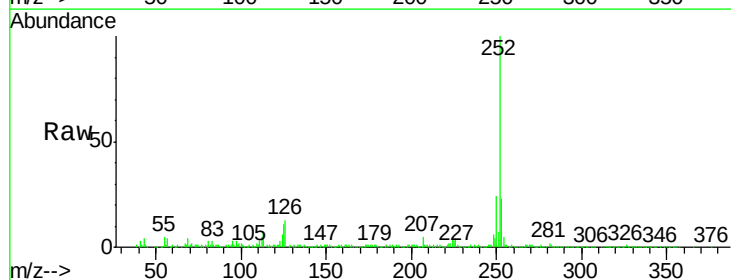
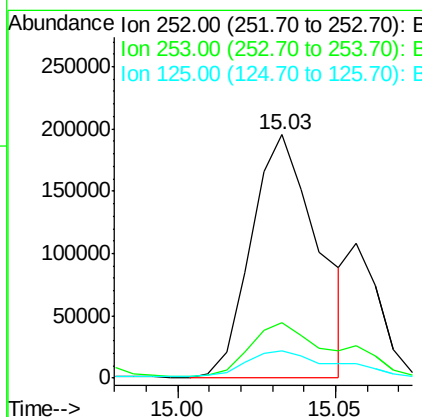
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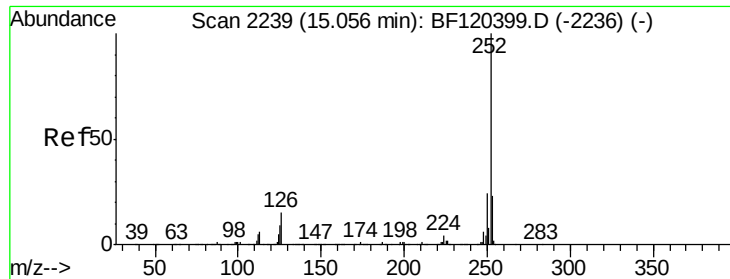
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#88
 Benzo(b)fluoranthene
 Concen: 17.953 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120525.D
 Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.0	7.6	11.4





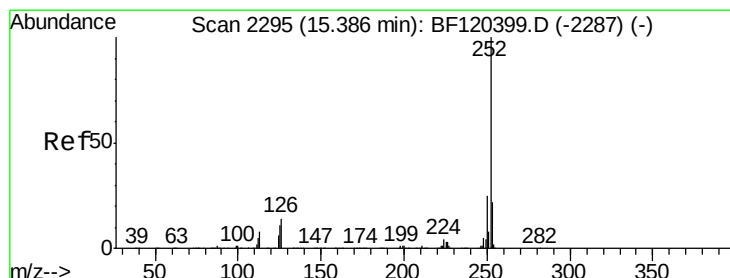
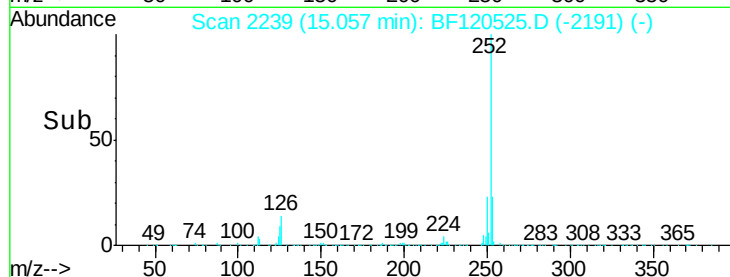
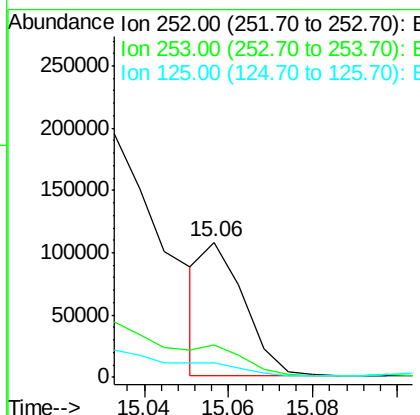
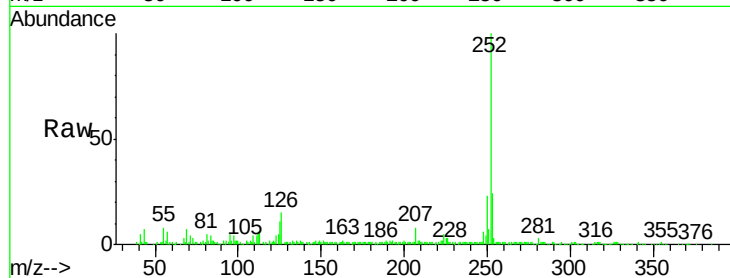
#89
Benzo(k)fluoranthene
Concen: 4.902 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Instrument :
BNA_F
ClientSampleId :
NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	11.2	7.5	11.3

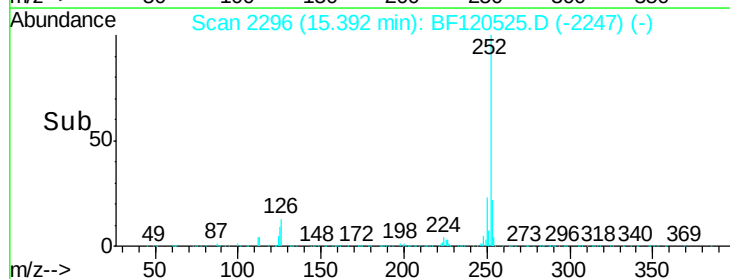
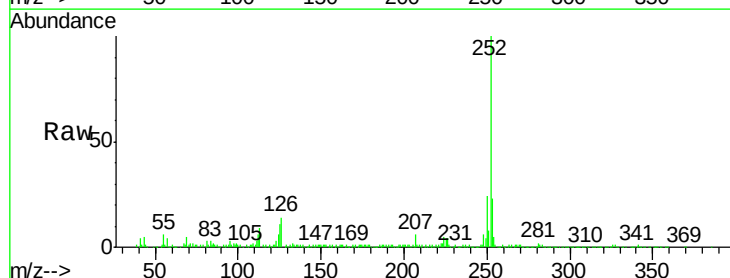
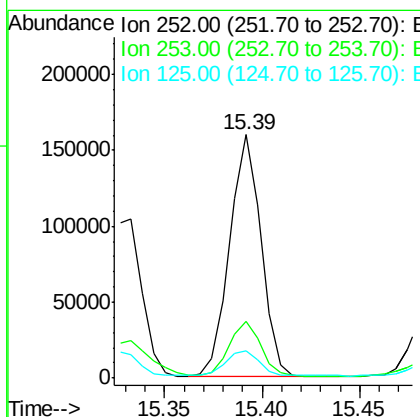
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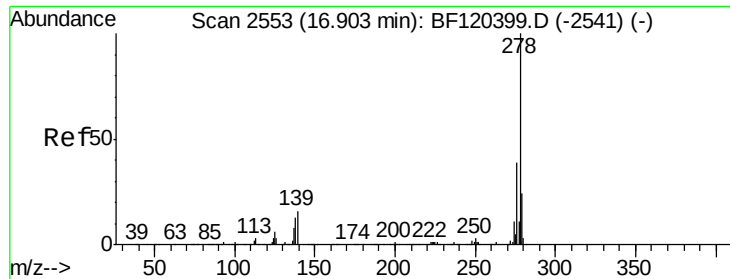
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#90
Benzo(a)pyrene
Concen: 12.929 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.3	9.2	13.8





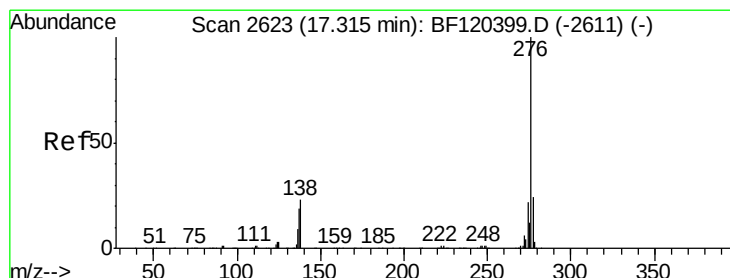
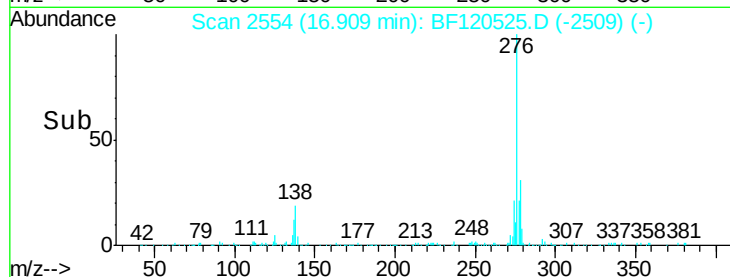
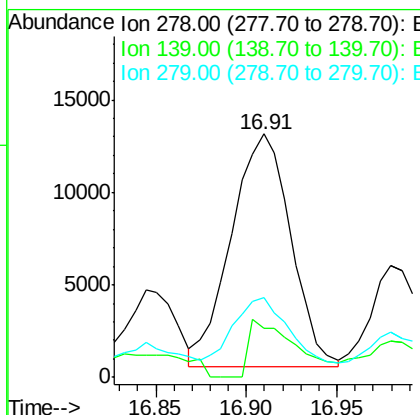
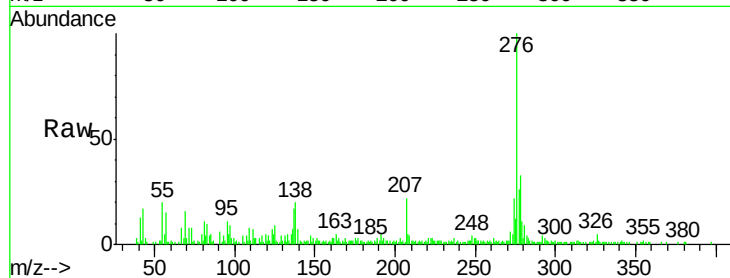
#91
Dibenzo(a,h)anthracene
Concen: 2.269 ng
RT: 16.91 min Scan# 2554
Delta R.T. -0.04 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Instrument :
BNA_F
ClientSampleId :
NM5-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.6	17.4#
279	32.8	19.2	28.8#

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#92
Benzo(g,h,i)perylene
Concen: 8.581 ng
RT: 17.34 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BF120525.D
Acq: 3 Jun 2020 22:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	22.2	16.6	25.0

