

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120522.D
 Acq On : 3 Jun 2020 21:05
 Operator : JU/CG
 Sample : L2839-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 01:50:38 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	140215	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	512192	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	254757	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	448345	20.00	ng	0.00
76) Chrysene-d12	14.00	240	360034	20.00	ng	-0.01
86) Perylene-d12	15.46	264	317155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	682920	92.82	ng	0.00
7) Phenol-d6	6.47	99	871536	96.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	594652	75.94	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	259417	109.90	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1149942	76.59	ng	0.00
79) Terphenyl-d14	12.94	244	1146414	70.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	235447	14.783	ng	99
71) Phenanthrene	11.38	178	254895	12.903	ng	97
72) Anthracene	11.43	178	58856	2.969	ng	96
75) Fluoranthene	12.57	202	465886	21.917	ng	99
78) Pyrene	12.80	202	405138	16.181	ng	98
81) Benzo(a)anthracene	13.99	228	243272	12.607	ng	99
83) Chrysene	14.02	228	208735	10.318	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	111083	9.053	ng	98
87) Indeno(1,2,3-cd)pyrene	16.89	276	117271	6.760	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	283146m	16.073	ng	
89) Benzo(k)fluoranthene	15.06	252	64227m	3.906	ng	
90) Benzo(a)pyrene	15.39	252	178572	11.589	ng	98
91) Dibenzo(a,h)anthracene	16.91	278	29959	2.118	ng	# 85
92) Benzo(a,h,i)perylene	17.33	276	102485	7.347	ng	99

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

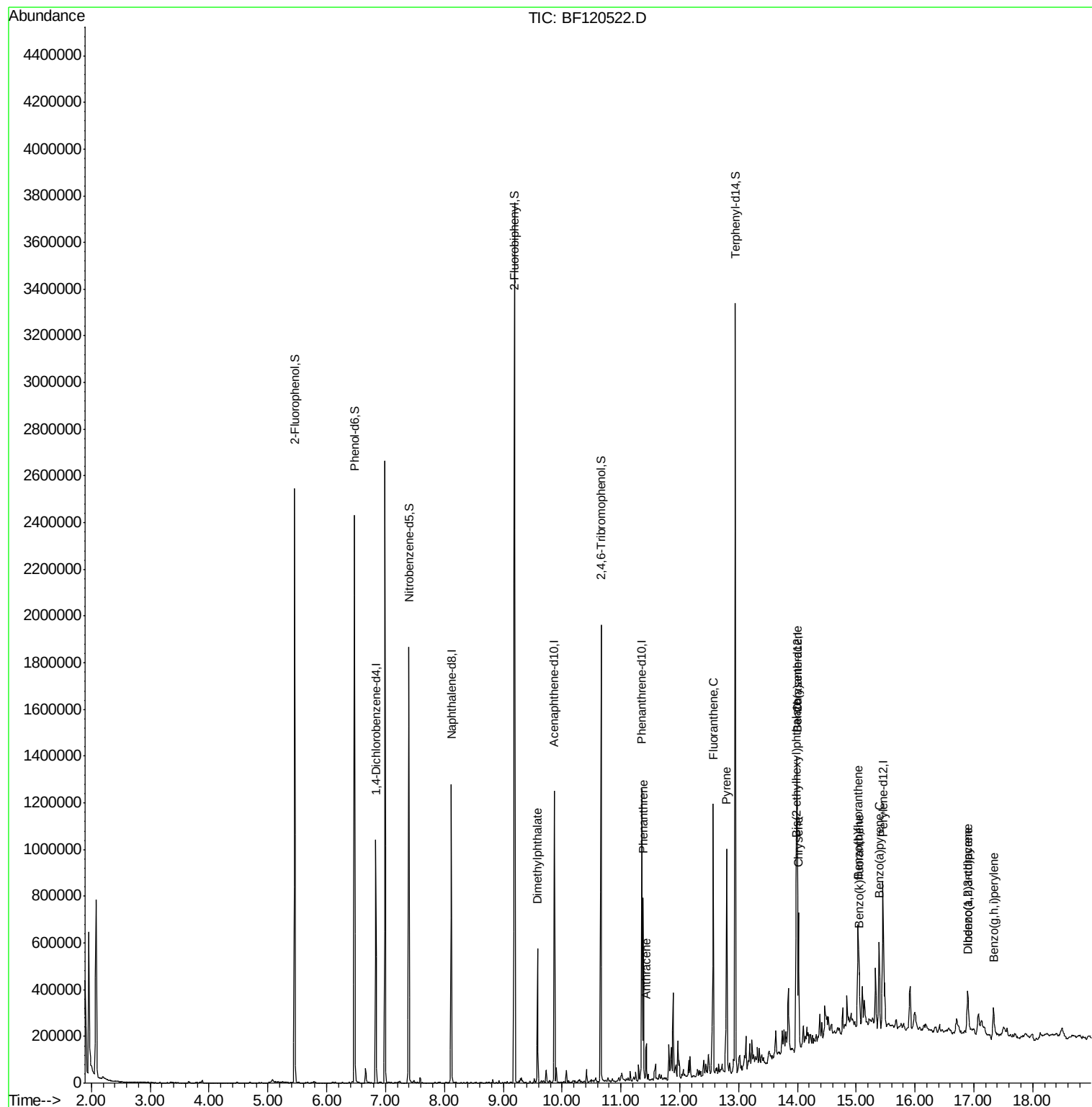
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120522.D
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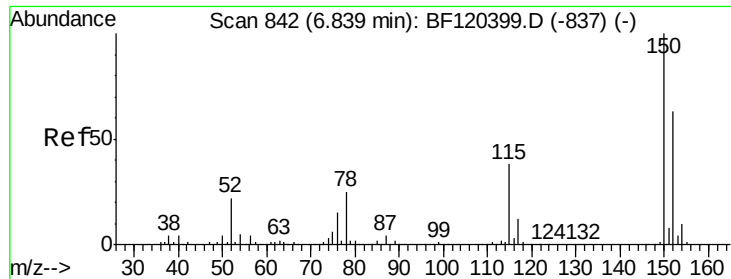
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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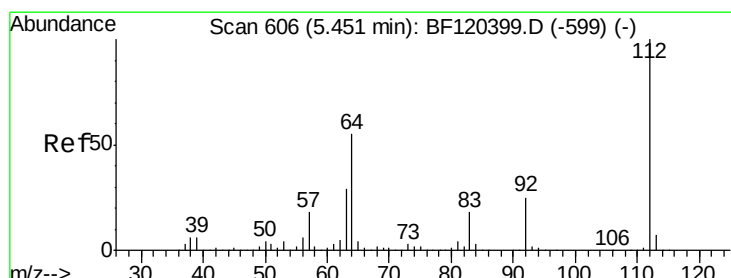
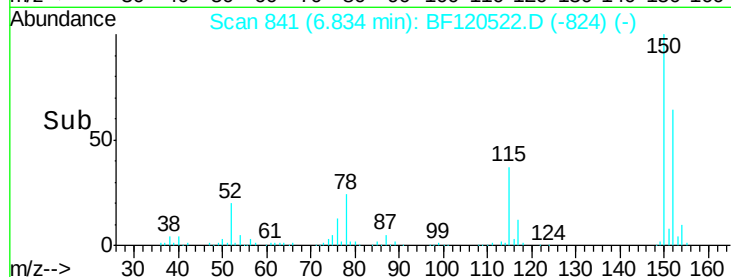
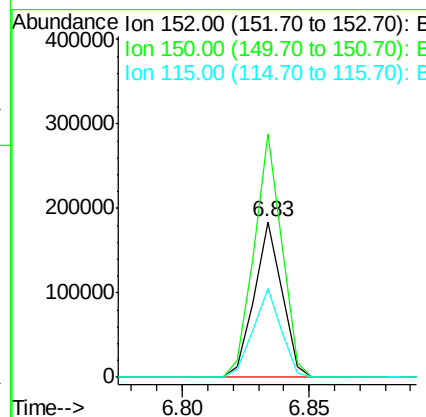
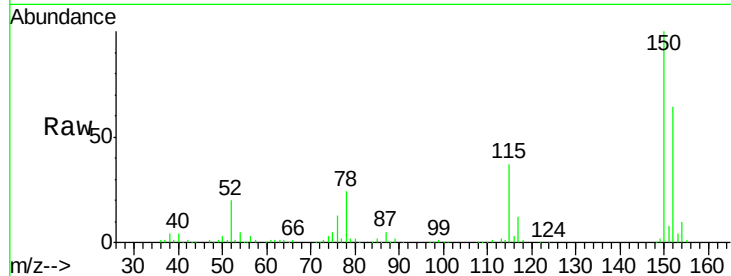
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.1	190.7
115	57.3	48.7	73.1

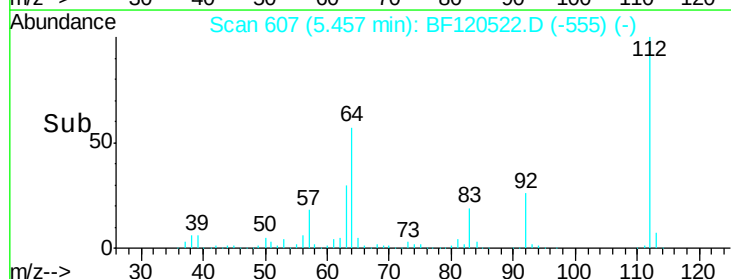
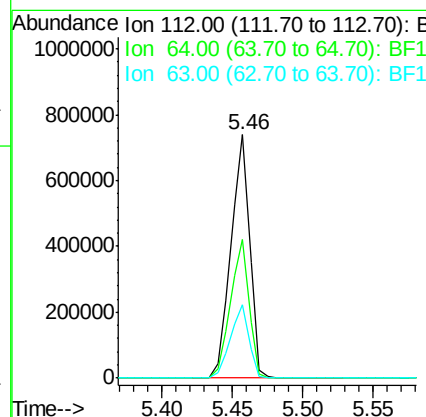
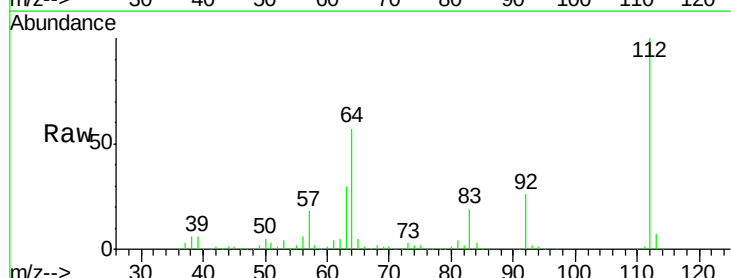
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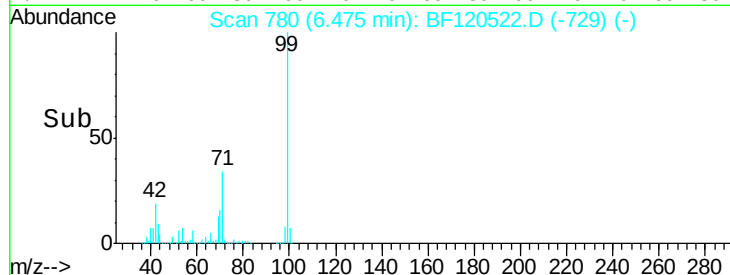
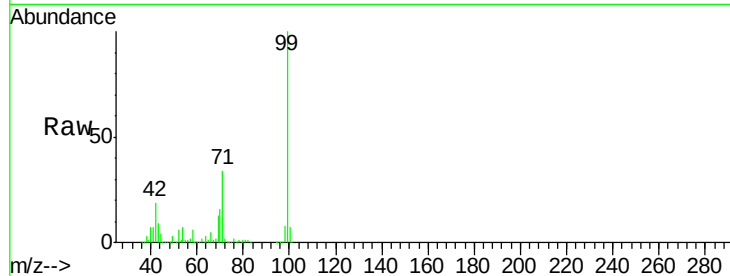
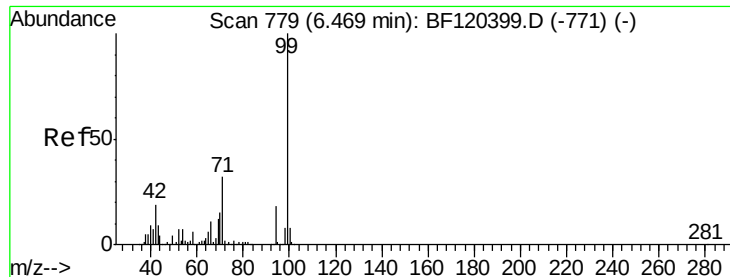
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#5
 2-Fluorophenol
 Concen: 92.820 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.8
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 96.105 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		871536		
42	18.6	15.0	22.4		
71	34.2	26.3	39.5		

Instrument :

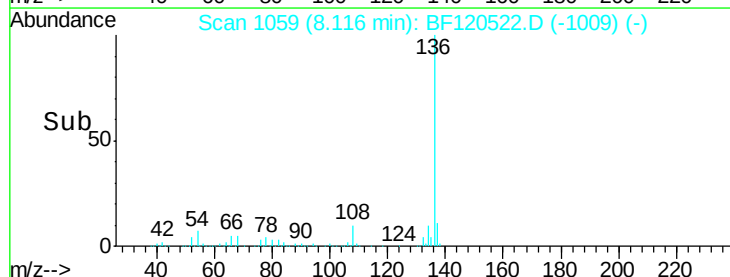
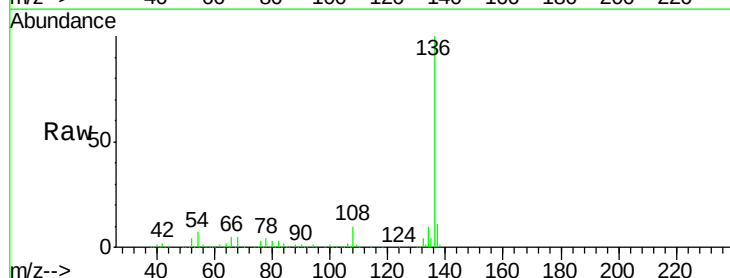
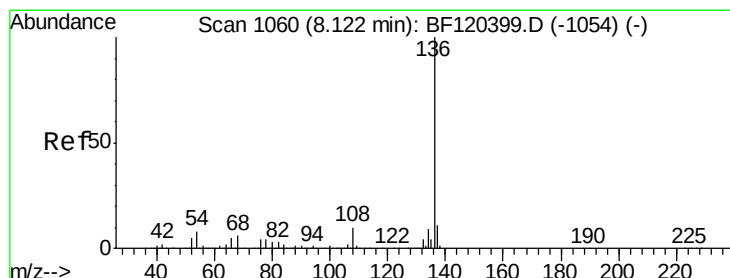
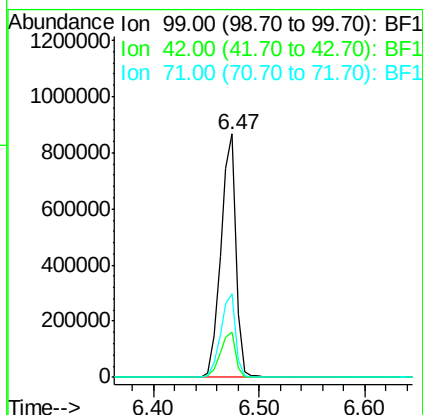
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

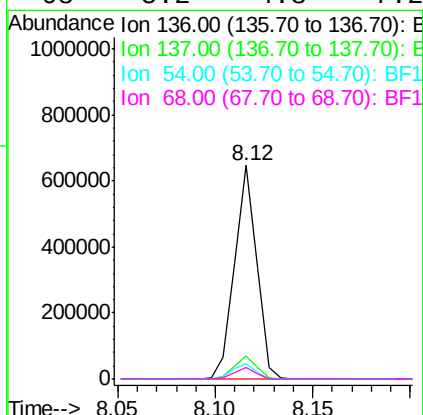
RT: 8.12 min Scan# 1059

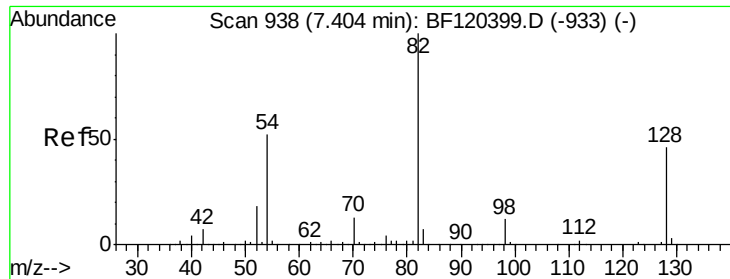
Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		512192		
137	11.0	9.0	13.4		
54	7.3	6.0	9.0		
68	5.2	4.8	7.2		





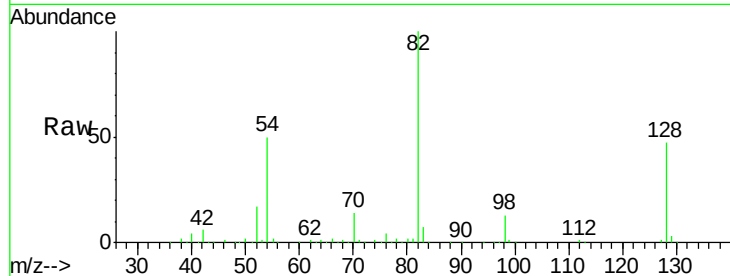
#23
Nitrobenzene-d5
Concen: 75.944 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6

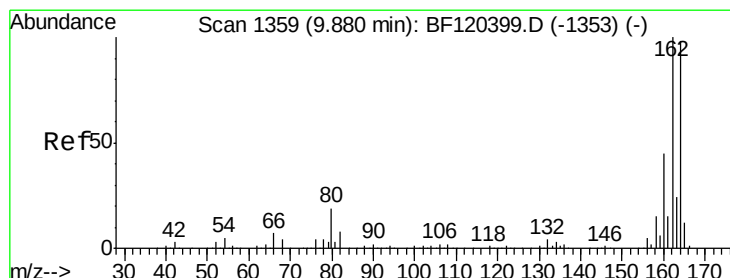
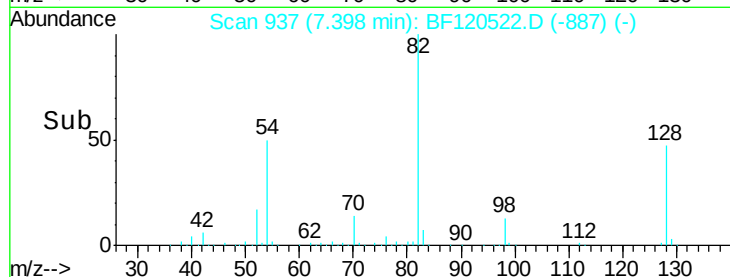
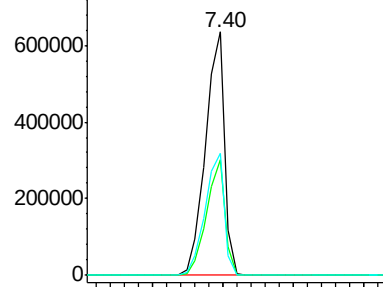
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	37.4	56.0	
54	49.9	40.7	61.1	

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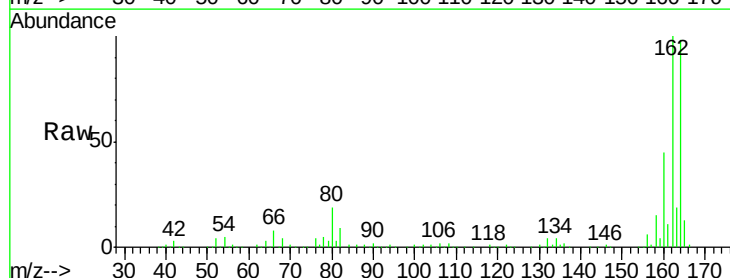


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

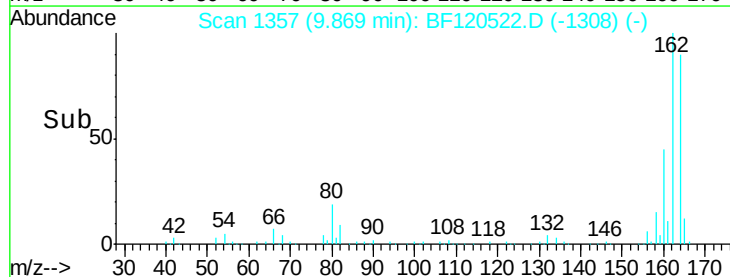
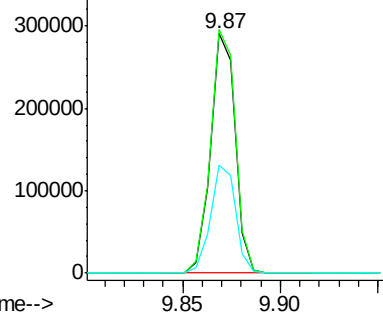


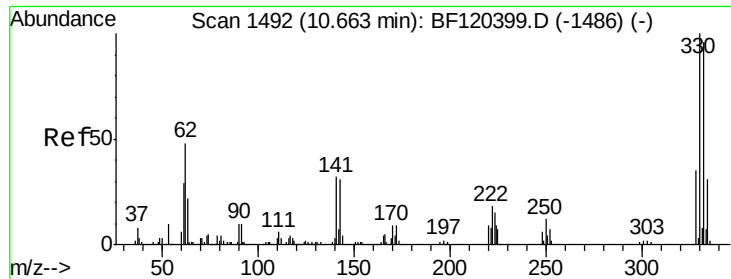
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.8	122.6	
160	45.3	37.3	55.9	



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





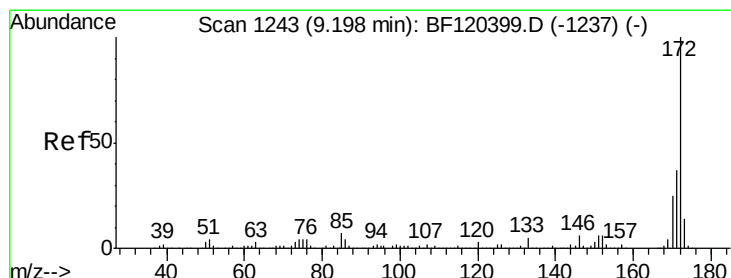
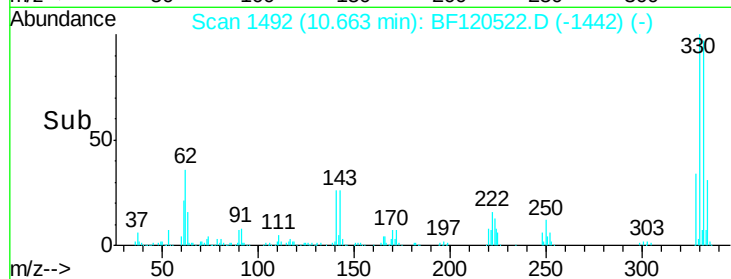
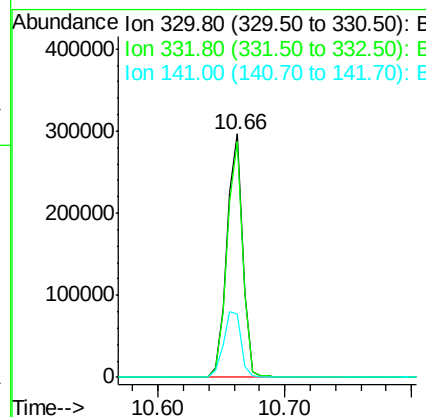
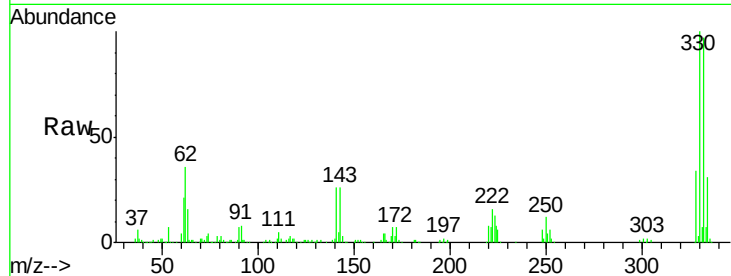
#42
 2,4,6-Tribromophenol
 Concen: 109.902 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259417		
332	96.4		77.4	116.2
141	30.0		23.5	35.3

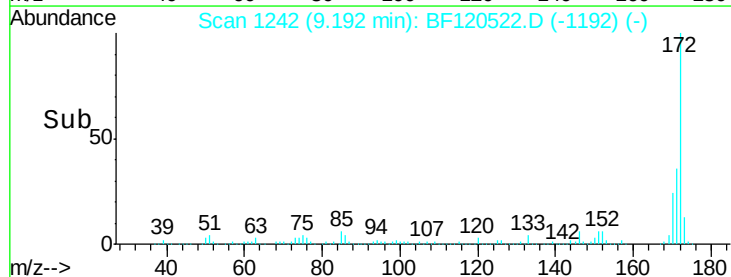
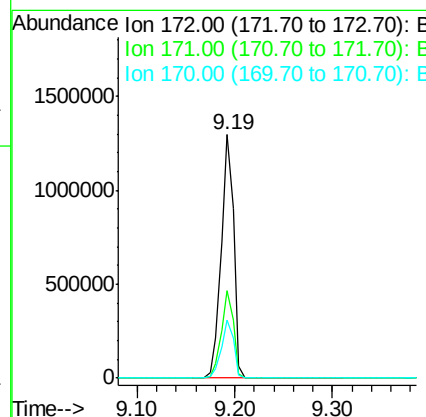
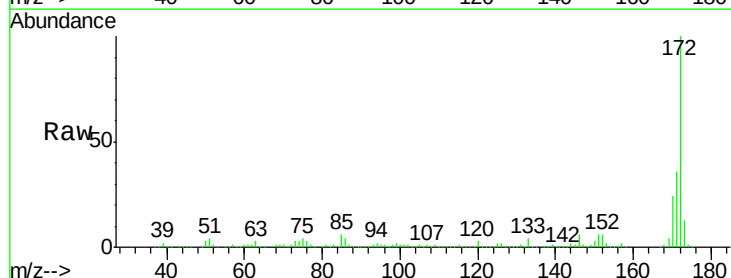
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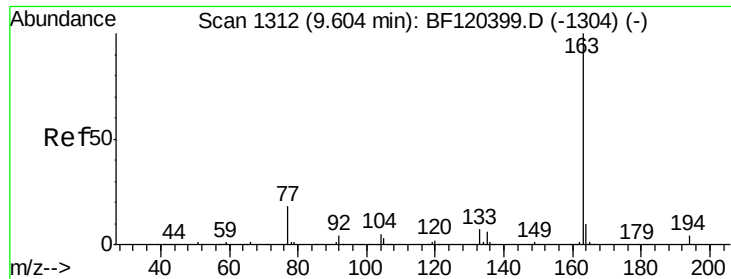
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#45
 2-Fluorobiphenyl
 Concen: 76.587 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1149942		
171	35.8		29.2	43.8
170	23.9		20.1	30.1





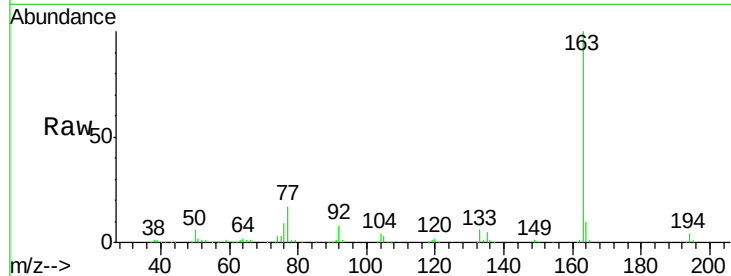
#50
Dimethylphthalate
Concen: 14.783 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6

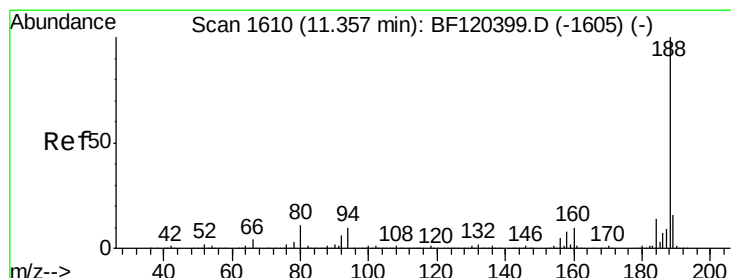
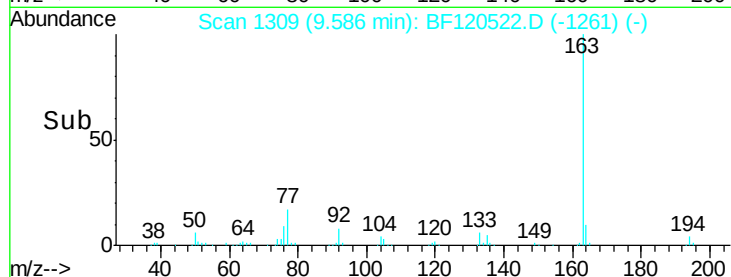
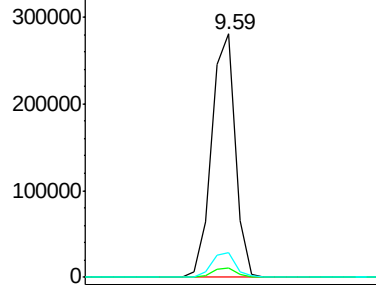
Tot Ion	Ratio	Resp	Lower	Upper
163	100	235447		
194	3.9		3.1	4.7
164	9.9		8.2	12.4

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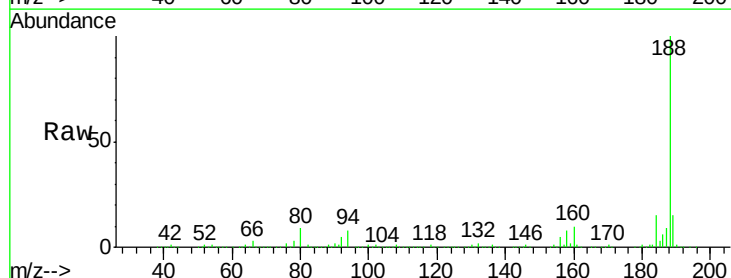


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

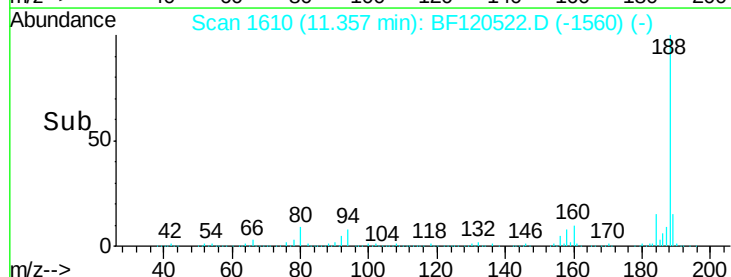
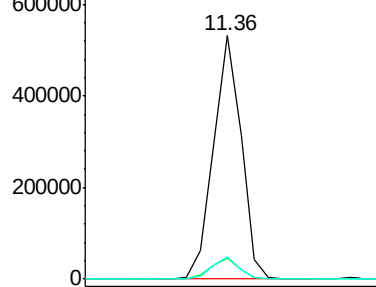


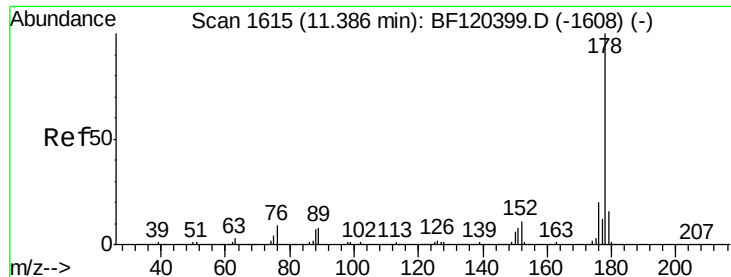
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	448345		
94	8.3		7.5	11.3
80	8.9		7.9	11.9



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: 12.903 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Instrument :

BNA_F

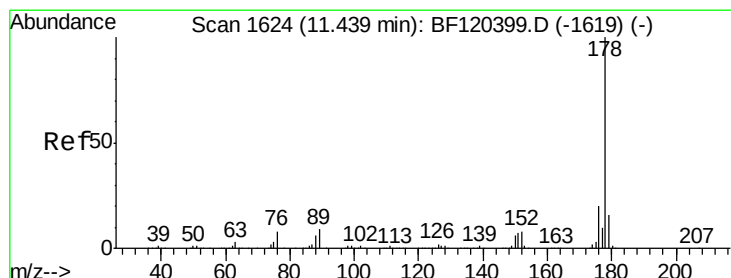
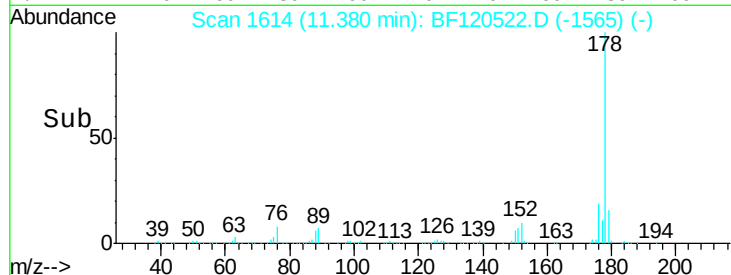
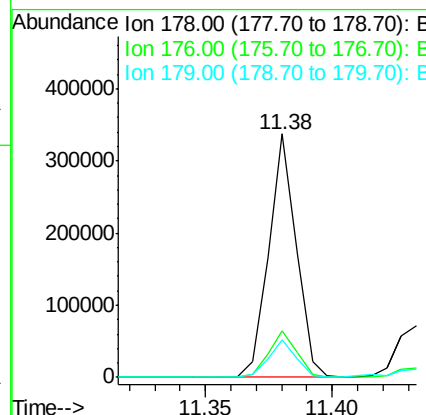
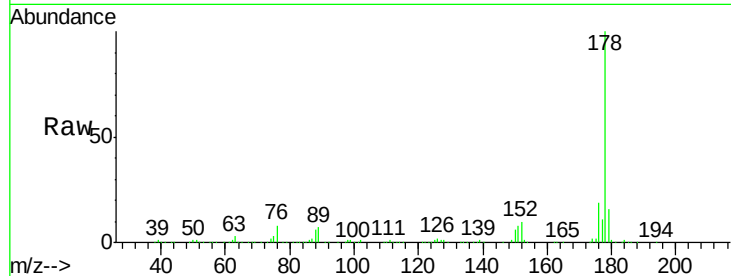
ClientSampleId :

NM6-COMP-2020-0-6

Tot Ion:	178	Resp:	254895
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.6	24.8
179	15.7	13.0	19.4

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#72

Anthracene

Concen: 2.969 ng

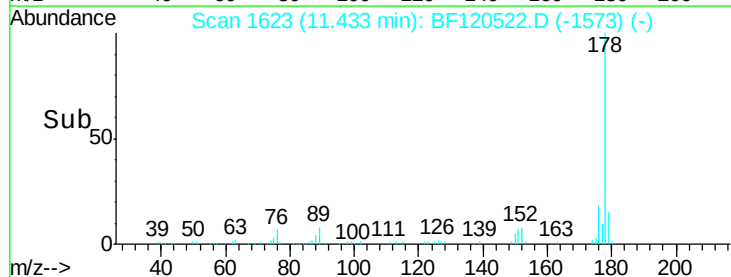
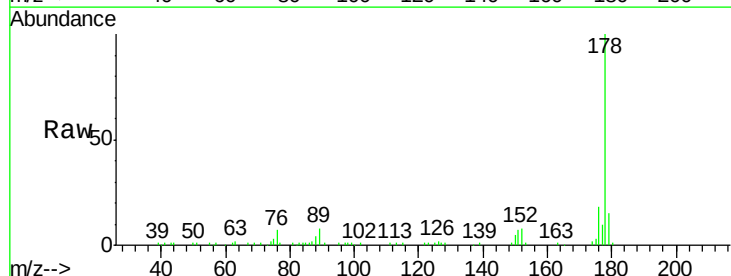
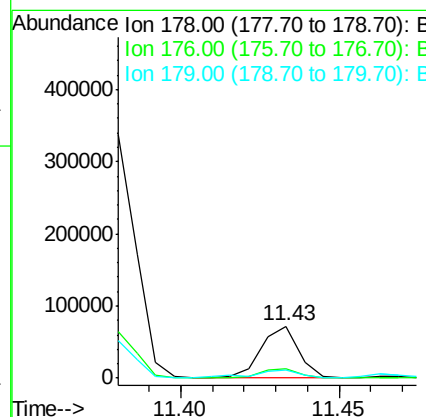
RT: 11.43 min Scan# 1623

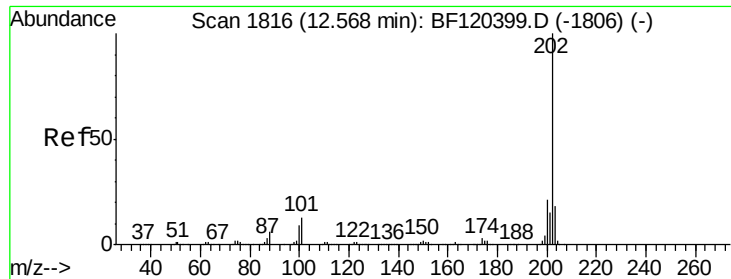
Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Tgt Ion:	178	Resp:	58856
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.7	23.5
179	15.2	13.1	19.7





#75

Fluoranthene

Concen: 21.917 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Instrument :

BNA_F

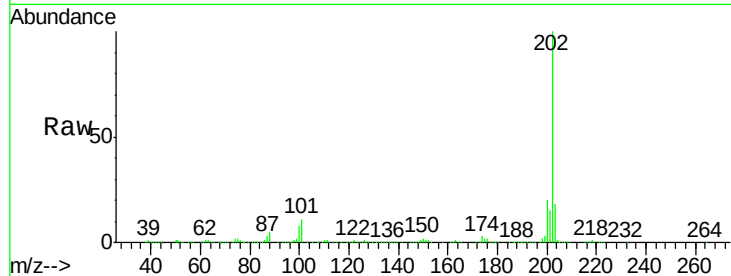
ClientSampleId :

NM6-COMP-2020-0-6

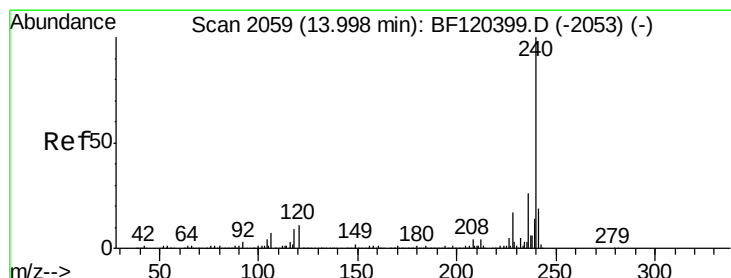
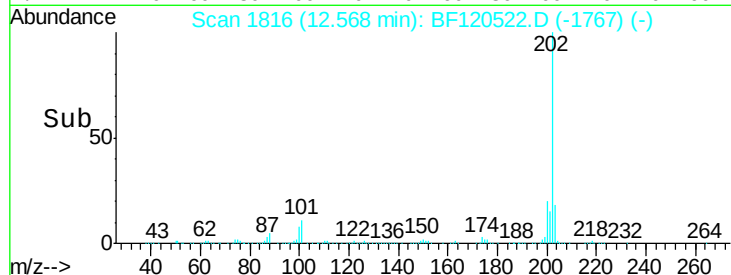
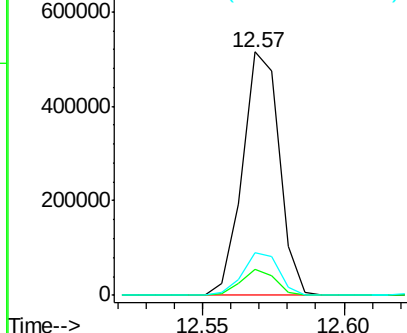
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.8	0.0	38.2

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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: 20.000 ng

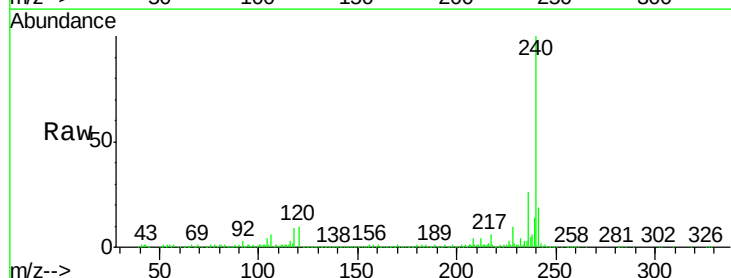
RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

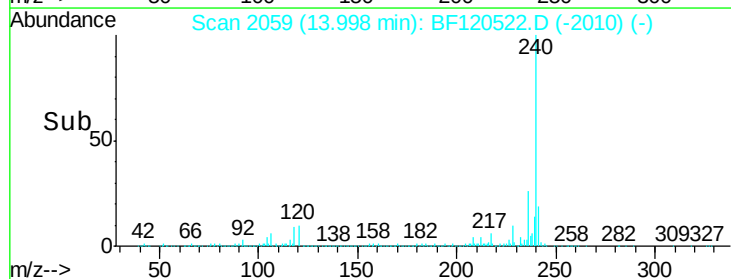
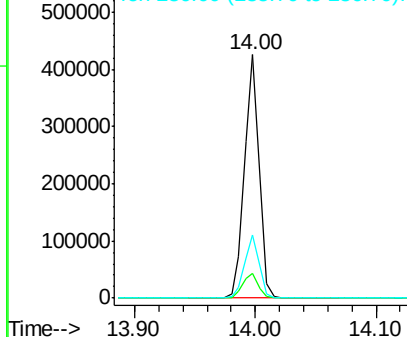
Lab File: BF120522.D

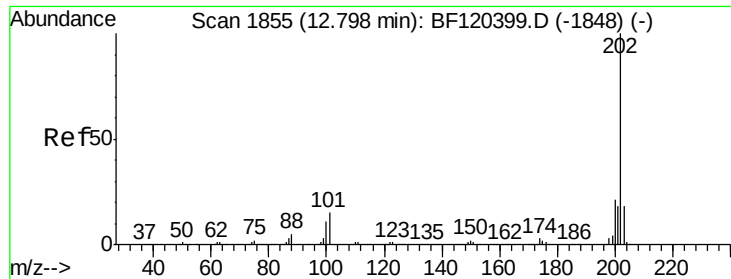
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	7.9	11.9
236	25.8	21.1	31.7



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





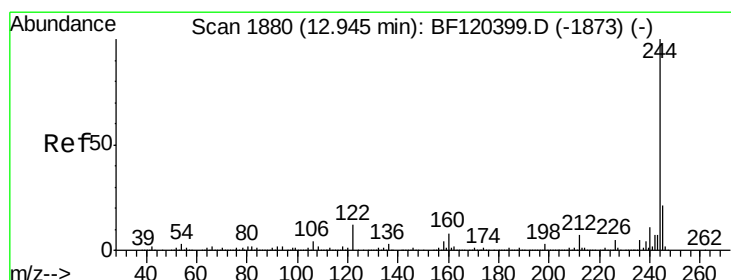
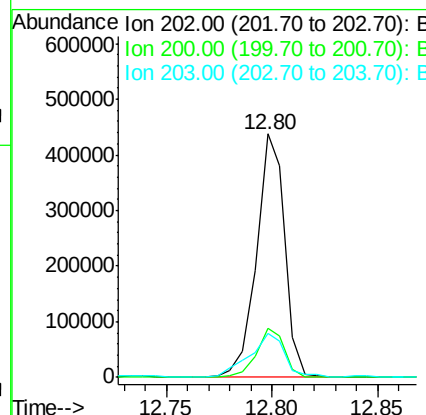
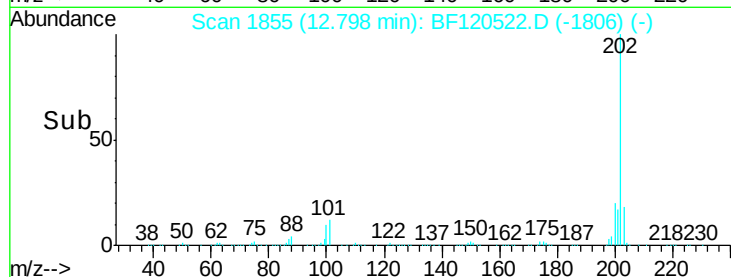
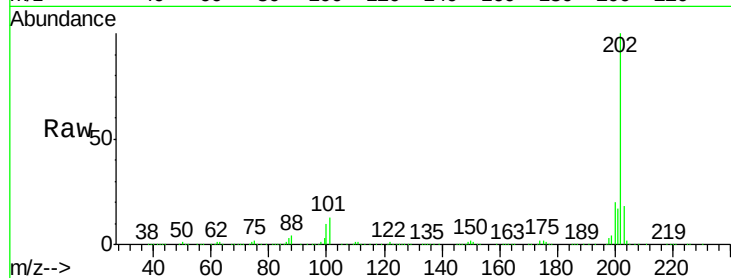
#78
Pvrene
Concen: 16.181 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.3	25.9
203	18.2	14.5	21.7

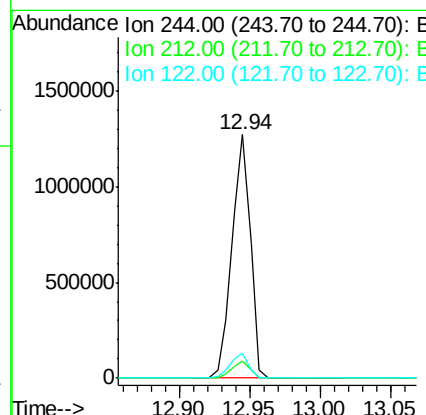
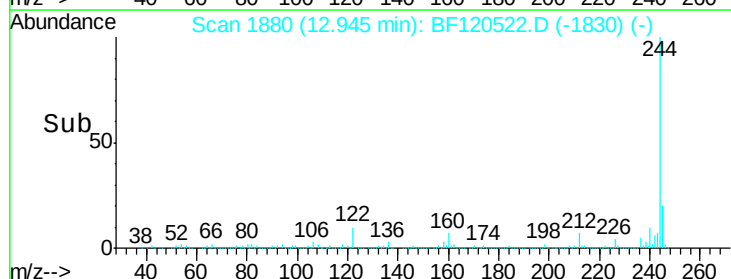
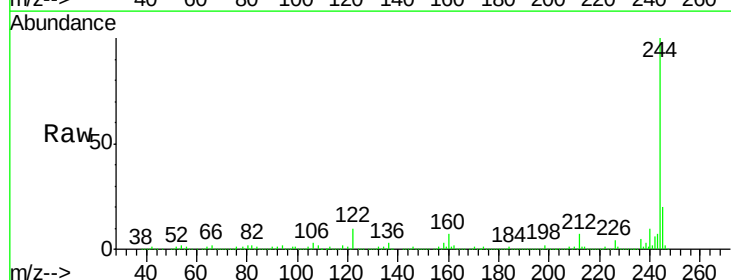
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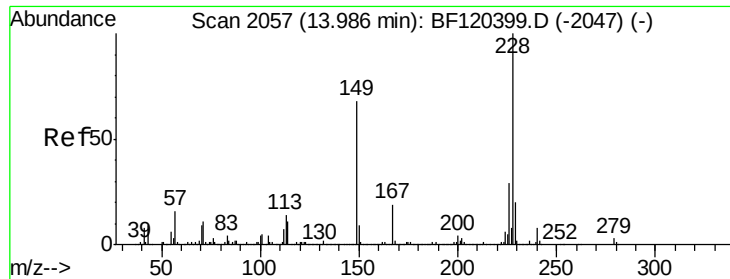
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#79
Terphenyl-d14
Concen: 70.856 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.2	8.2	12.4





#81

Benzo(a)anthracene

Concen: 12.607 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Instrument :

BNA_F

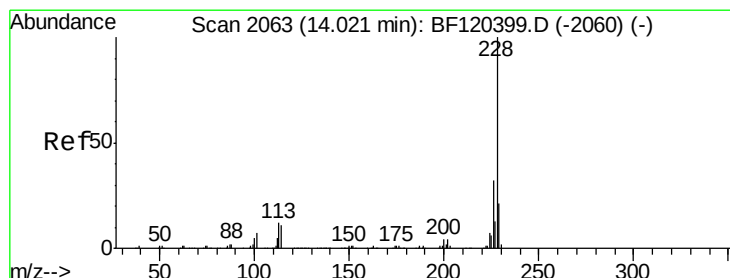
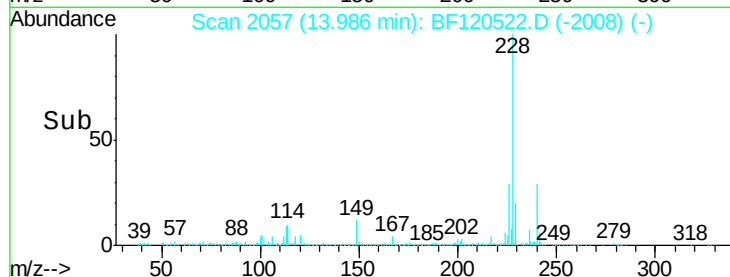
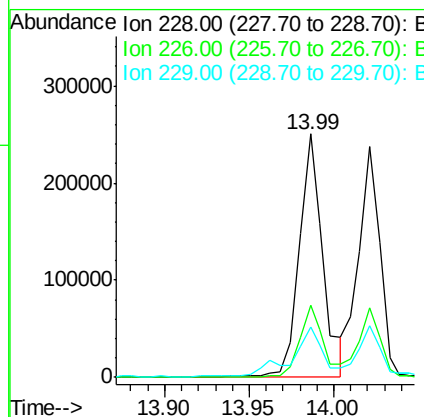
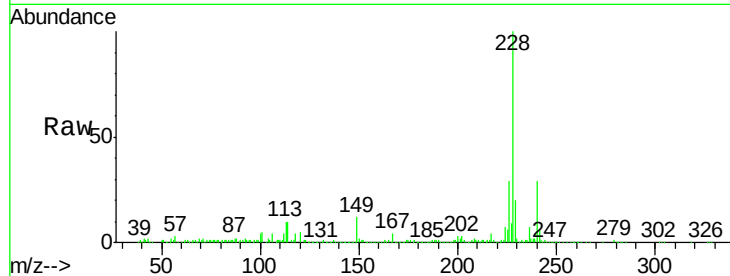
ClientSampleId :

NM6-COMP-2020-0-6

Tot Ion:	228	Resp:	243272
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	20.5	16.3	24.5

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#83

Chrysene

Concen: 10.318 ng

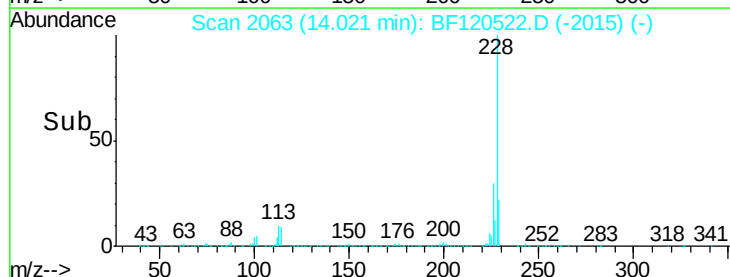
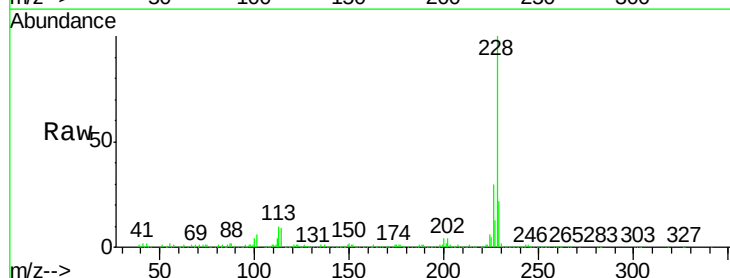
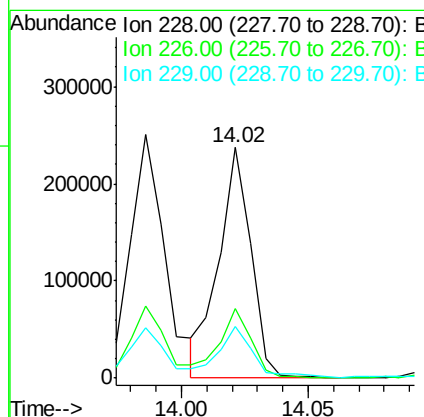
RT: 14.02 min Scan# 2063

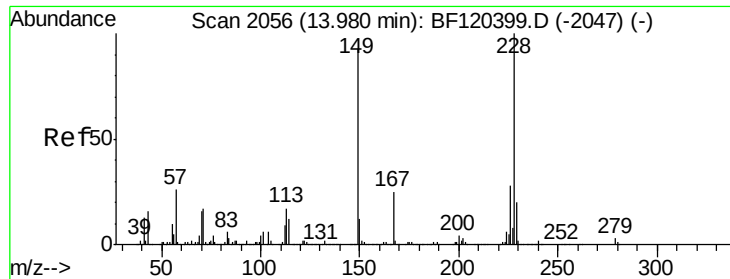
Delta R.T. -0.02 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Tgt Ion:	228	Resp:	208735
Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	22.2	16.1	24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.053 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120522.D

Acq: 3 Jun 2020 21:05

Instrument :

BNA_F

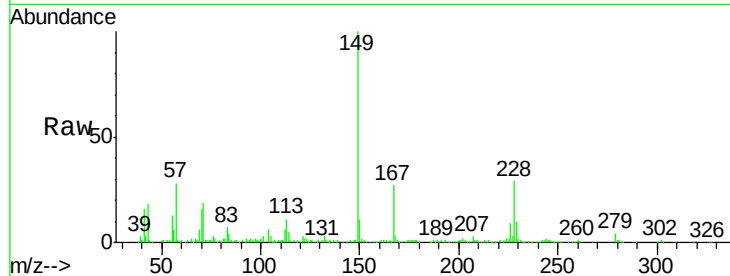
ClientSampleId :

NM6-COMP-2020-0-6

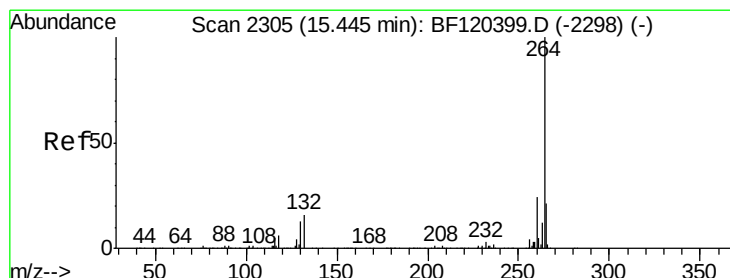
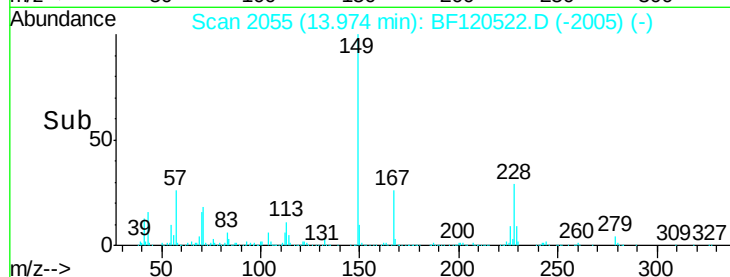
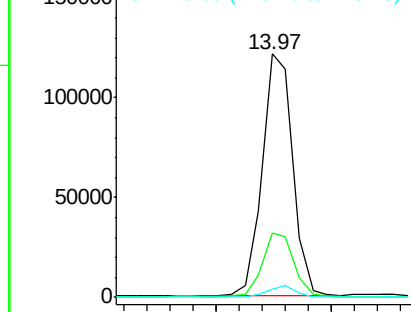
Tot Ion:	149	Resp:	111083
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.0	33.0
279	3.5	3.2	4.8

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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

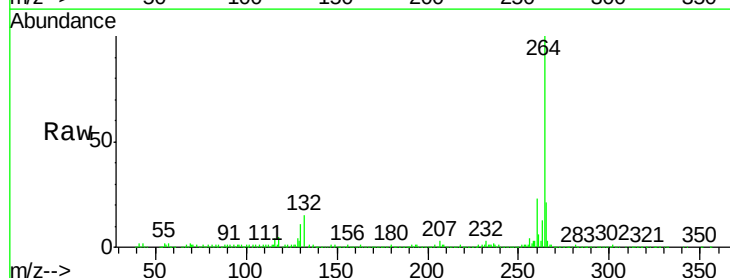
RT: 15.46 min Scan# 2307

Delta R.T. -0.01 min

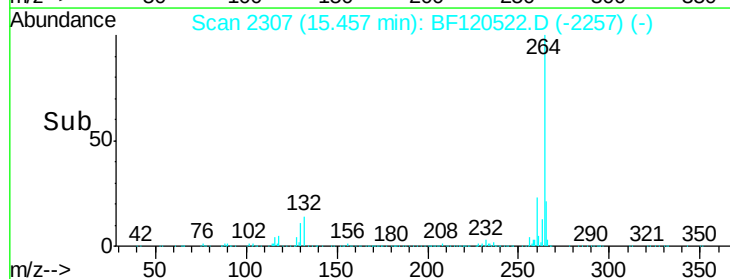
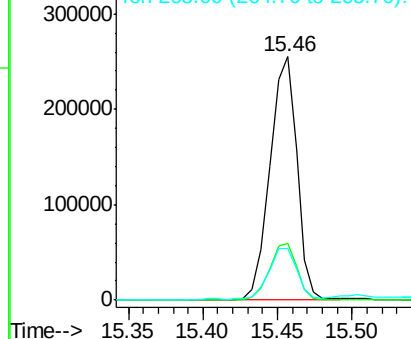
Lab File: BF120522.D

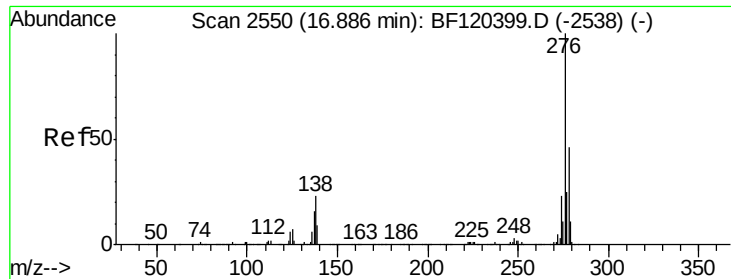
Acq: 3 Jun 2020 21:05

Tgt Ion:	264	Resp:	317155
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.8	29.8
265	21.5	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





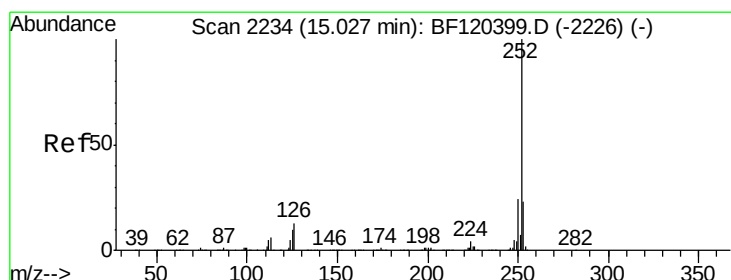
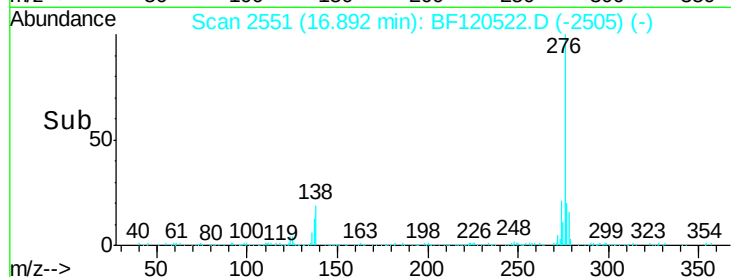
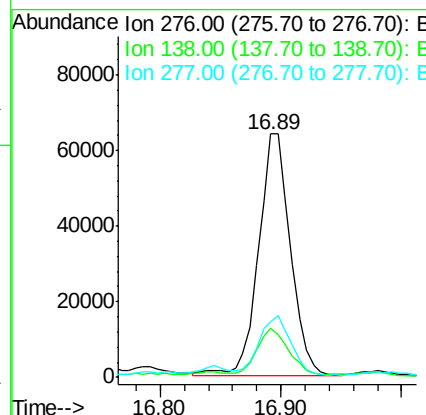
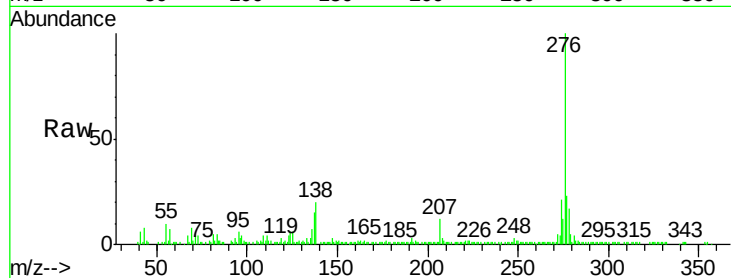
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.760 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NM6-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.2	28.8#
277	24.4	20.4	30.6

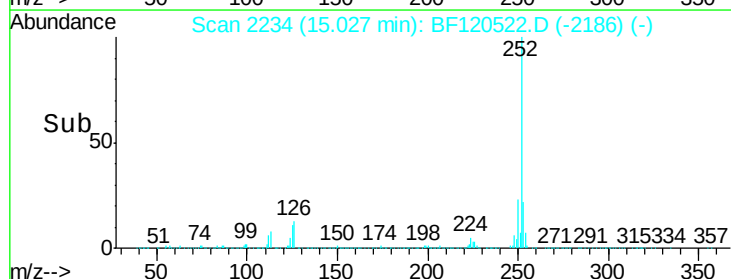
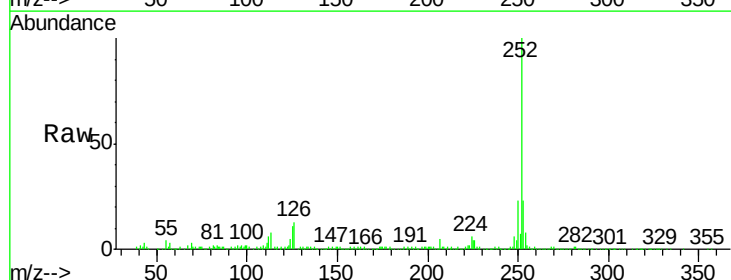
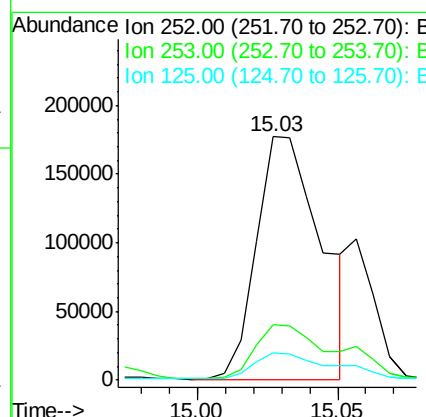
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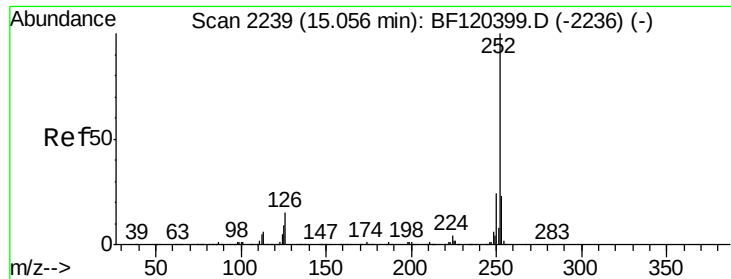
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#88
 Benzo(b)fluoranthene
 Concen: 16.073 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120522.D
 Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.5	7.6	11.4#





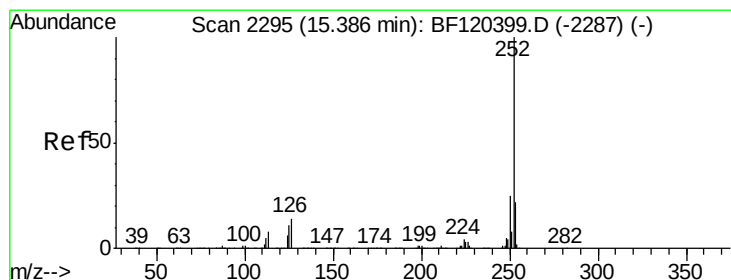
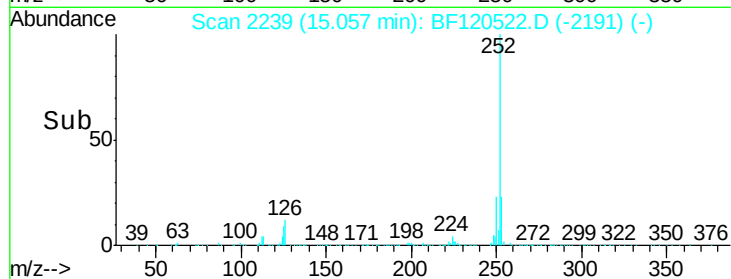
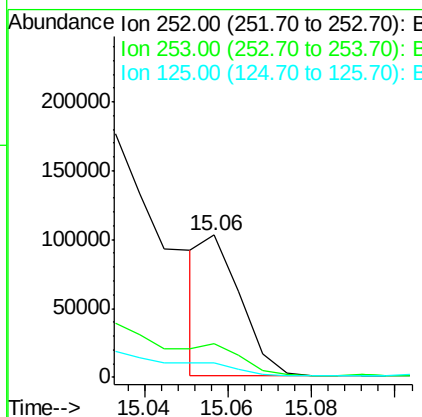
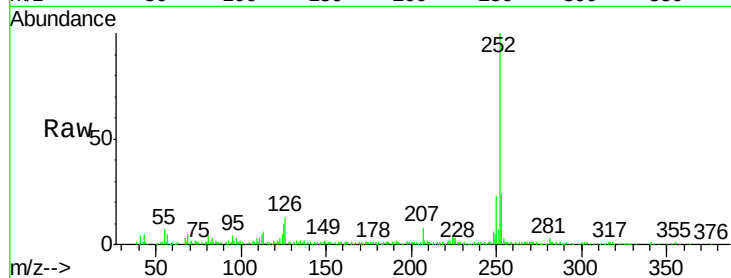
#89
Benzo(k)fluoranthene
Concen: 3.906 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	10.1	7.5	11.3

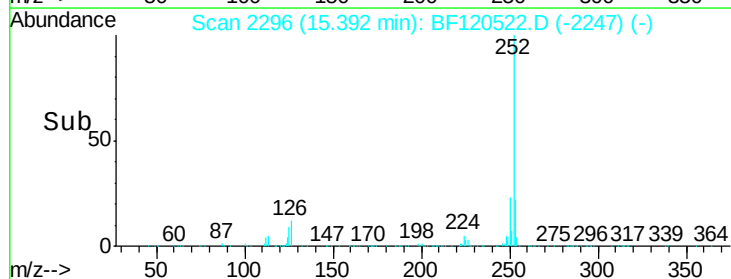
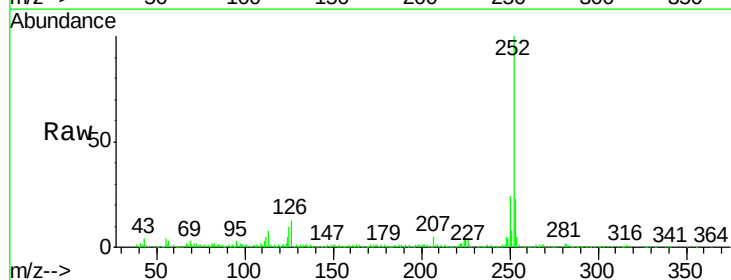
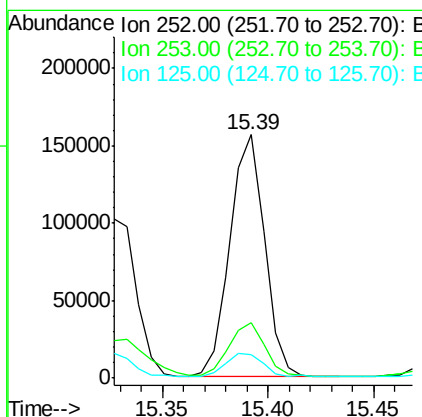
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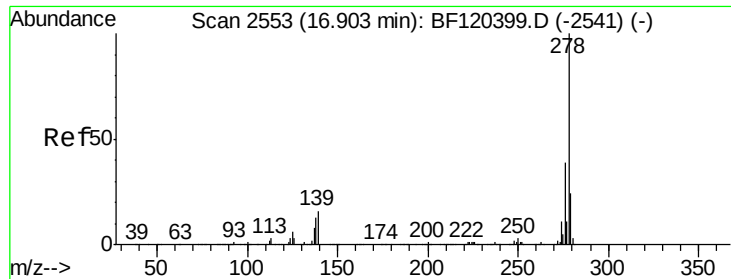
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#90
Benzo(a)pyrene
Concen: 11.589 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	9.7	9.2	13.8





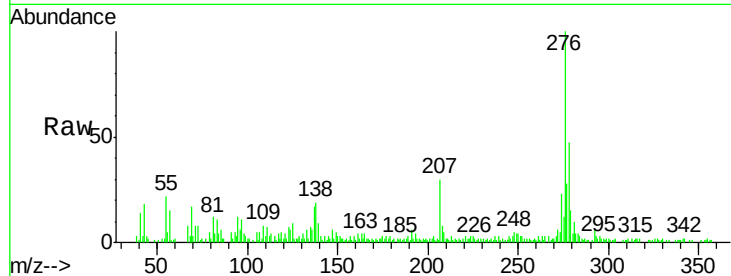
#91
Dibenzo(a,h)anthracene
Concen: 2.118 ng
RT: 16.91 min Scan# 2554
Delta R.T. -0.04 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
NM6-COMP-2020-0-6

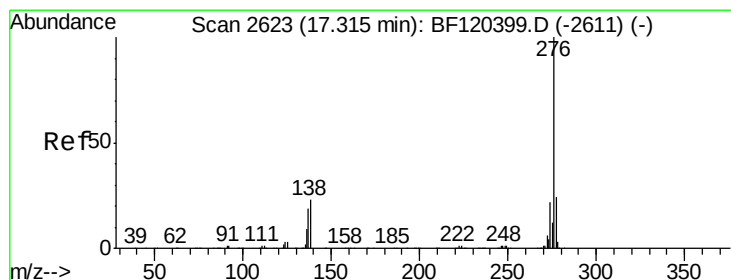
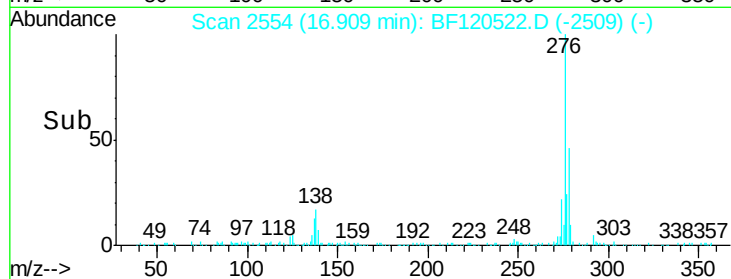
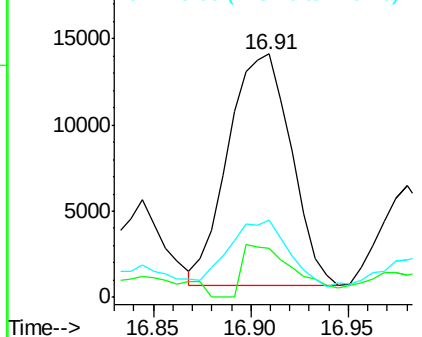
Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.6	17.4#
279	31.8	19.2	28.8#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.347 ng
RT: 17.33 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BF120522.D
Acq: 3 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	20.4	16.6	25.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

