

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120486.D
 Acq On : 2 Jun 2020 11:18
 Operator : JU/CG
 Sample : L2792-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM107-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 11:51:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191043	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	698523	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	327984	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	549099	20.00	ng	0.00
76) Chrysene-d12	14.01	240	410340	20.00	ng	0.00
86) Perylene-d12	15.47	264	458880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	851846	84.98	ng	0.00
7) Phenol-d6	6.47	99	1055017	85.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	682838	63.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	258701	85.13	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1251053	64.72	ng	0.00
79) Terphenyl-d14	12.95	244	1125488	61.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	224107	10.930	ng	99
71) Phenanthrene	11.39	178	314947	13.017	ng	98
72) Anthracene	11.44	178	84134	3.466	ng	98
75) Fluoranthene	12.58	202	477291	18.333	ng	98
78) Pyrene	12.81	202	401289	14.062	ng	98
81) Benzo(a)anthracene	14.00	228	219781	9.994	ng	98
83) Chrysene	14.03	228	200256	8.686	ng	96
87) Indeno(1,2,3-cd)pyrene	16.92	276	116363	4.636	ng	95
88) Benzo(b)fluoranthene	15.04	252	281782m	11.056	ng	
89) Benzo(k)fluoranthene	15.07	252	69769m	2.932	ng	
90) Benzo(a)pyrene	15.40	252	186597	8.370	ng	99
92) Benzo(a,h,i)perylene	17.36	276	107621	5.333	ng	99

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

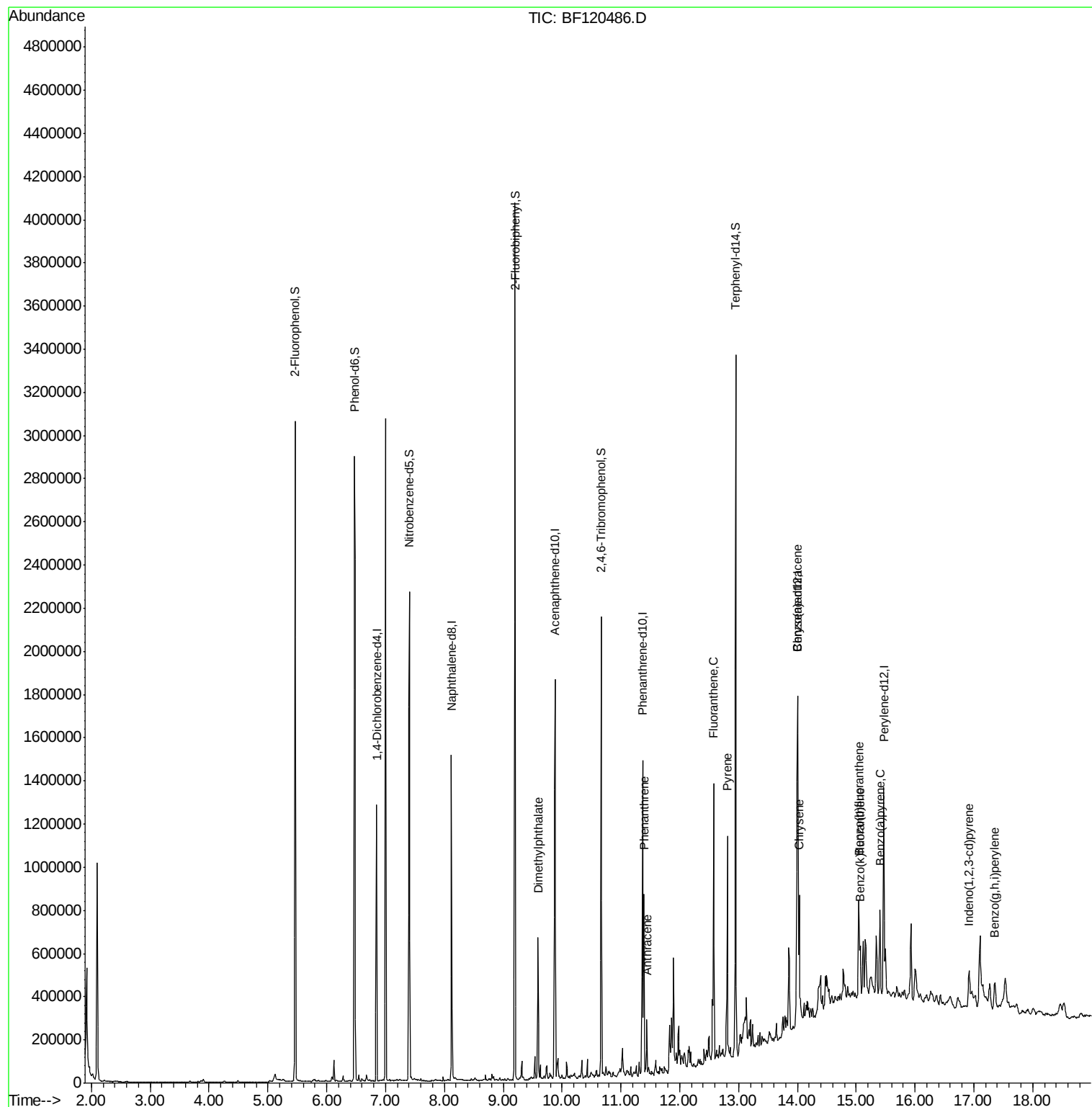
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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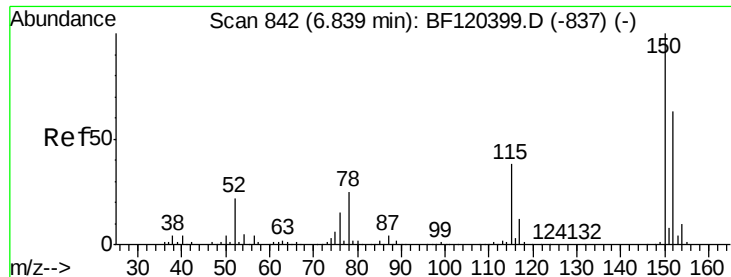
Instrument :
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ClientSampleId :
NM107-COMP-2020-0-6

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Quant Time: Jun 02 11:51:05 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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#1

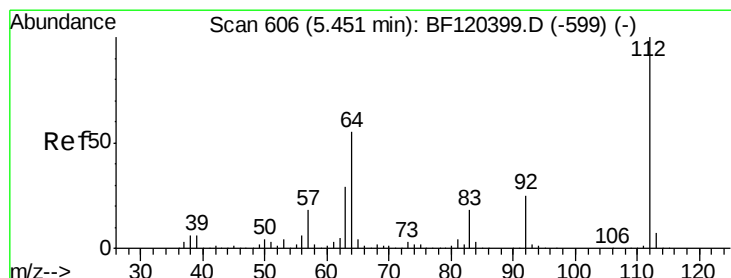
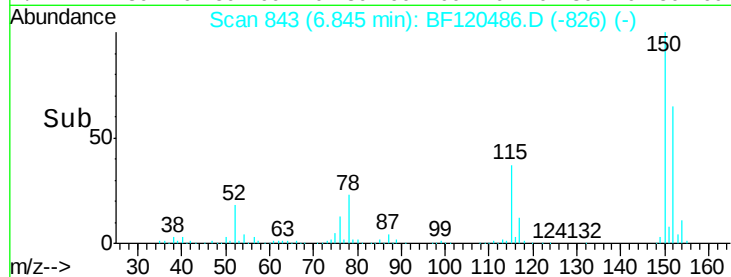
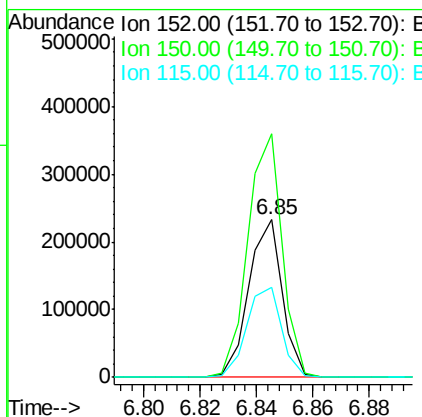
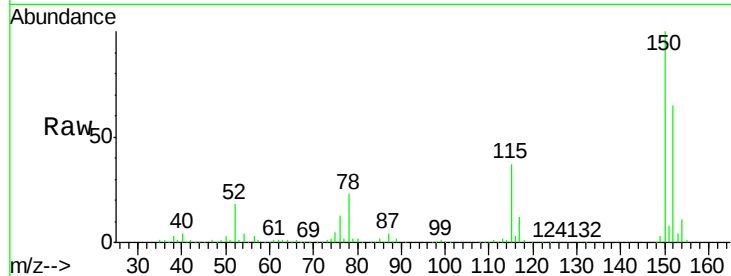
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.7	190.1
115	57.2	46.2	69.2

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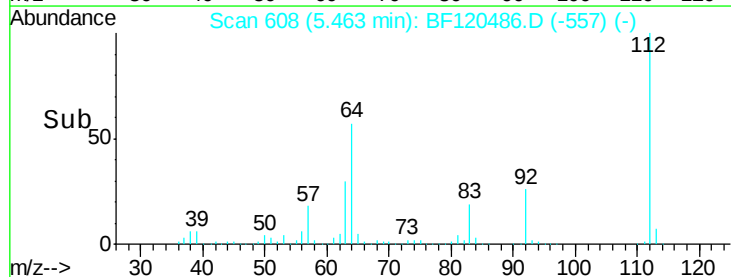
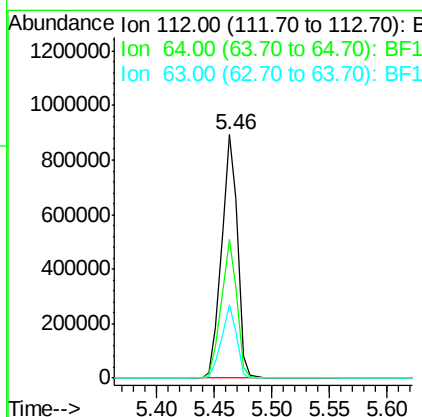
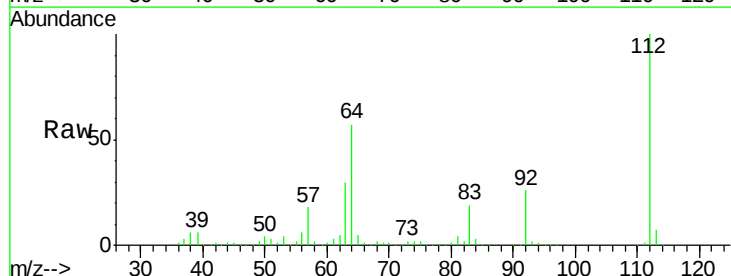
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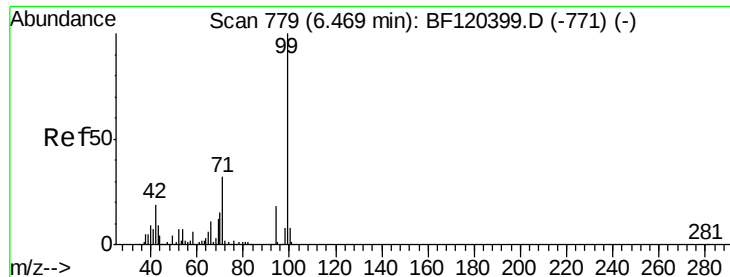


#5

2-Fluorophenol
Concen: 84.976 ng
RT: 5.46 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.3	69.5
63	29.9	24.2	36.2





#7

Phenol-d6

Concen: 85.385 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Instrument :

BNA_F

ClientSampleId :

NM107-COMP-2020-0-6

Tot Ion: 99 Resp: 1055017

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

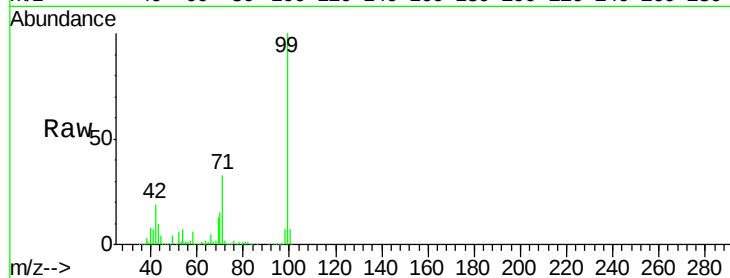
71 33.1 26.2 39.4

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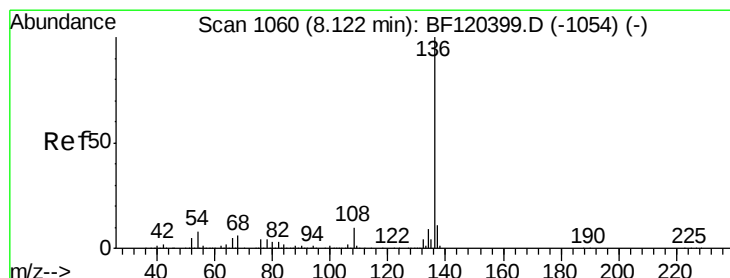
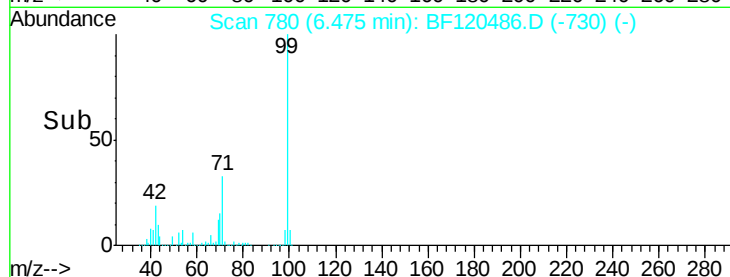
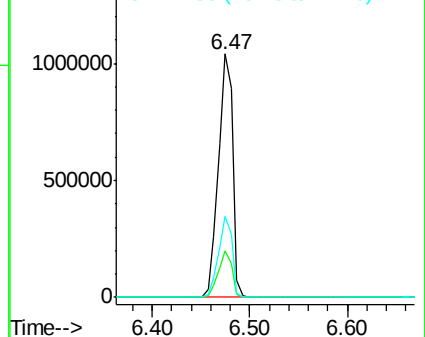
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Tgt Ion: 136 Resp: 698523

Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.9 6.2 9.4

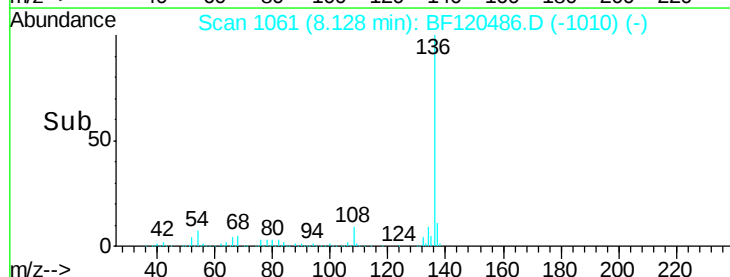
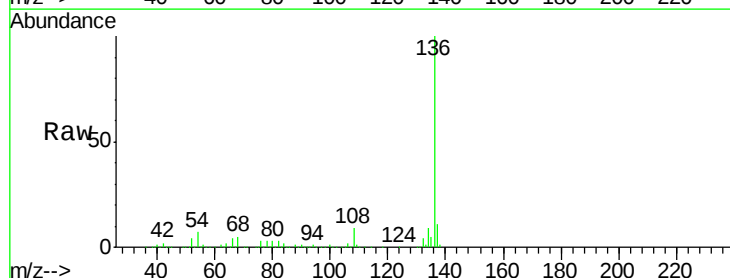
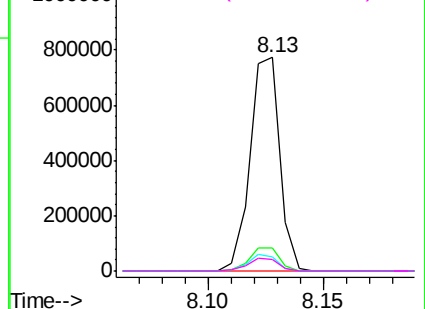
68 5.4 5.0 7.6

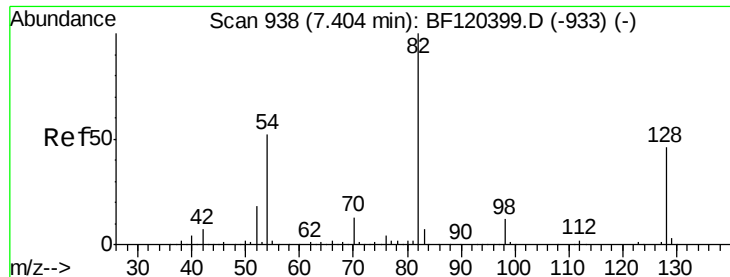
Abundance Ion 136.00 (135.70 to 136.70): E

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





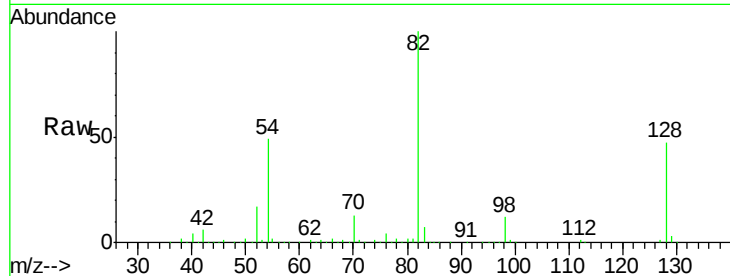
#23
Nitrobenzene-d5
Concen: 63.944 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

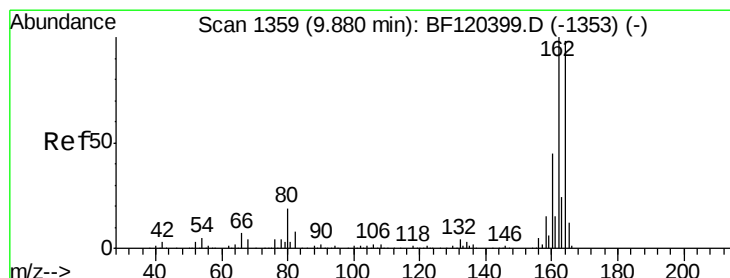
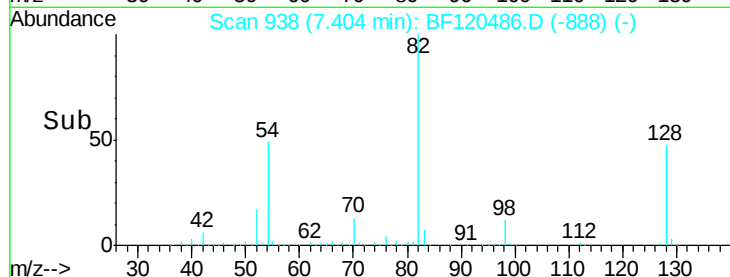
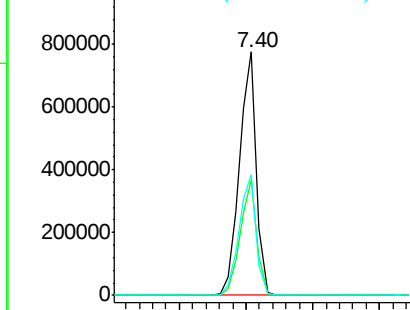
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	49.4	41.0	61.4

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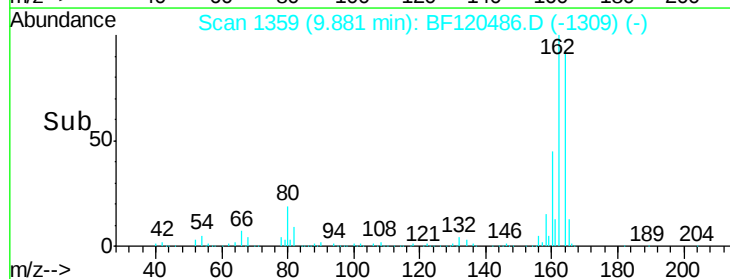
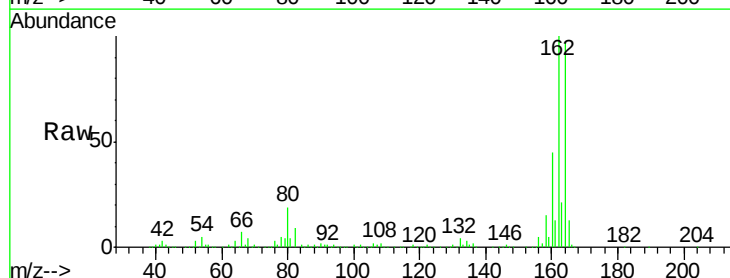
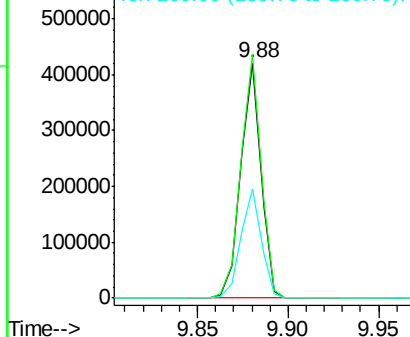
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

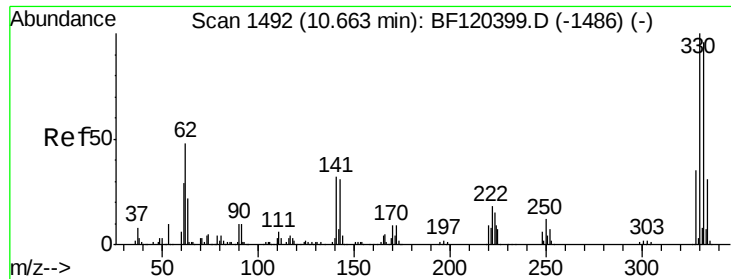


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.9	122.9
160	46.5	37.4	56.0

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





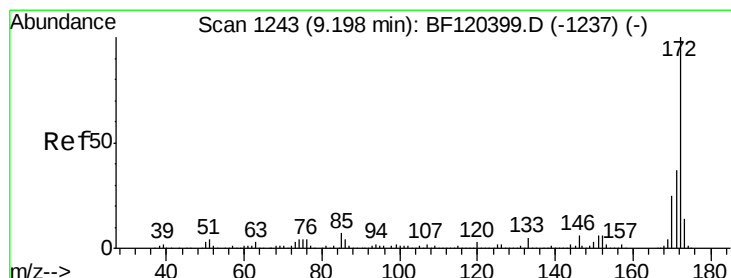
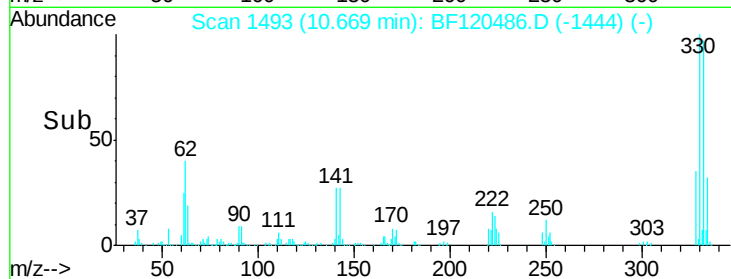
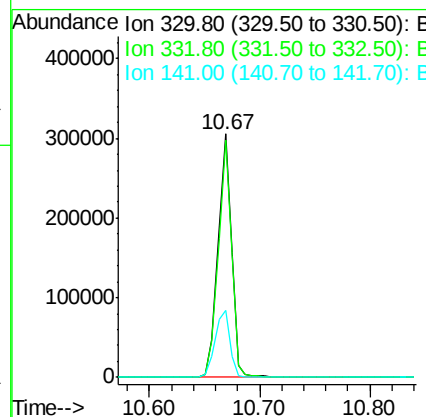
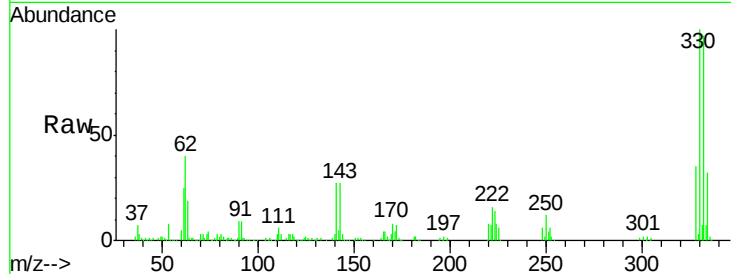
#42
 2,4,6-Tribromophenol
 Concen: 85.129 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120486.D
 Acq: 2 Jun 2020 11:18

Instrument :
 BNA_F
 ClientSampleId :
 NM107-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258701		
332	95.9	76.8	115.2	
141	29.6	23.9	35.9	

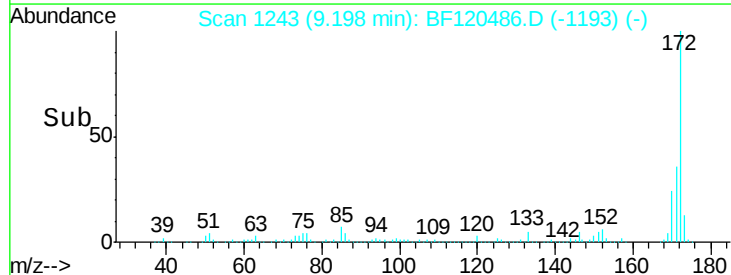
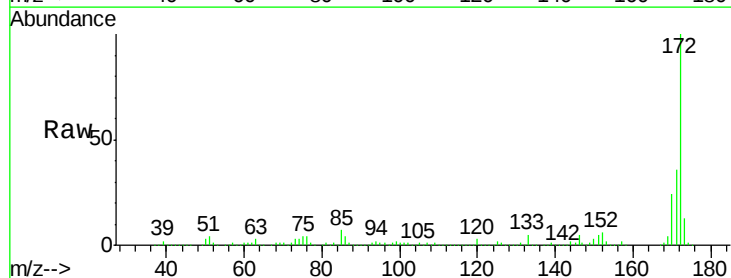
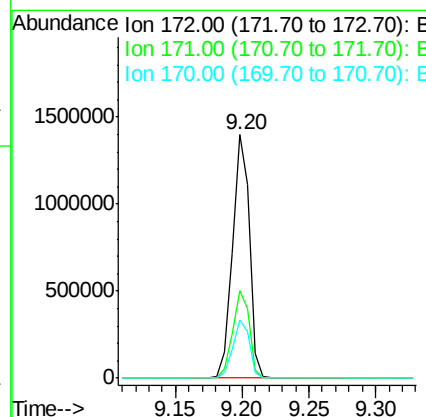
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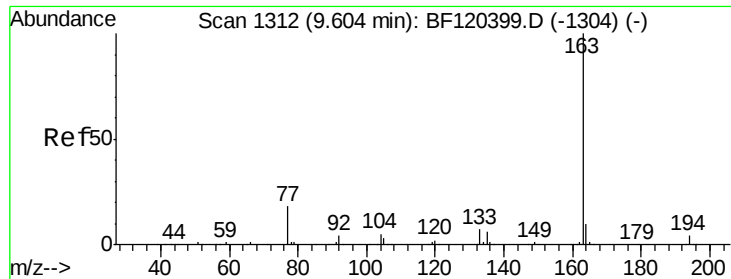
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#45
 2-Fluorobiphenyl
 Concen: 64.718 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF120486.D
 Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1251053		
171	35.8	29.4	44.2	
170	23.9	19.9	29.9	





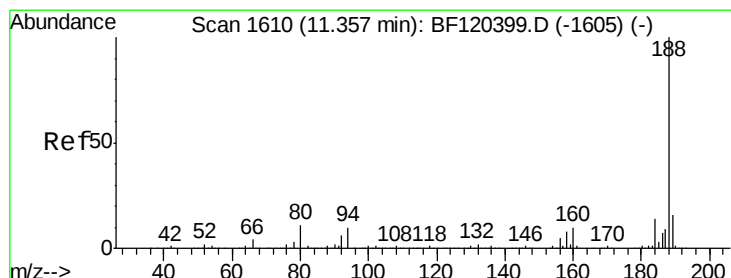
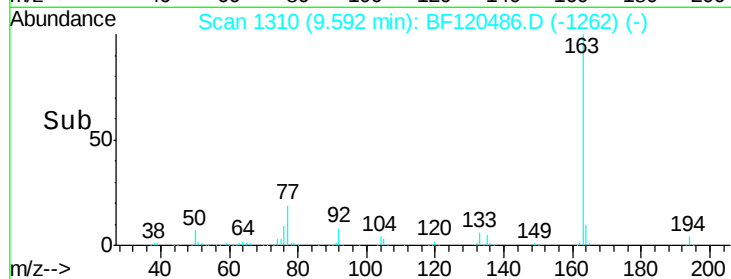
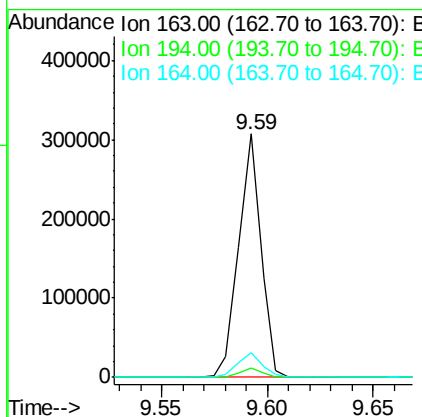
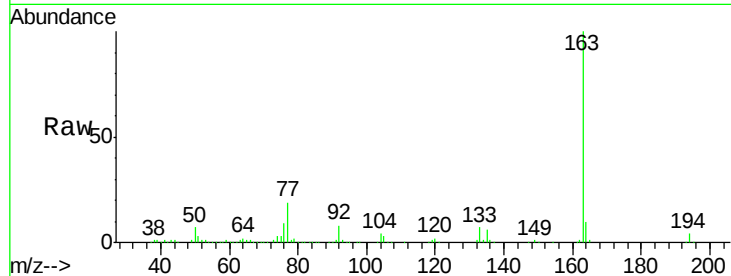
#50
Dimethylphthalate
Concen: 10.930 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	224107		
194	3.8		3.3	4.9
164	10.1		8.2	12.2

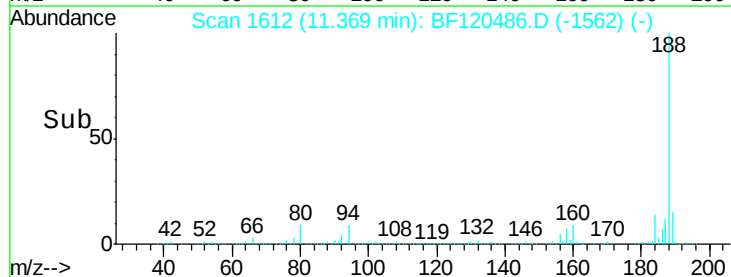
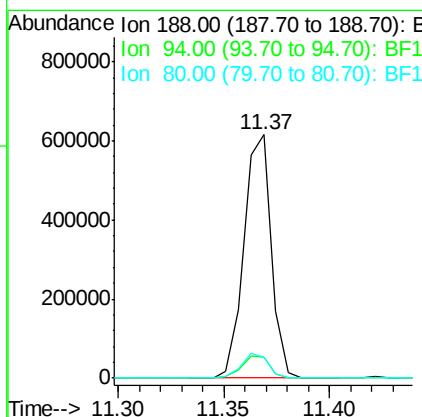
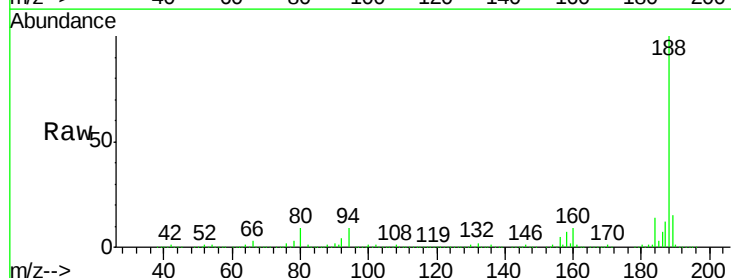
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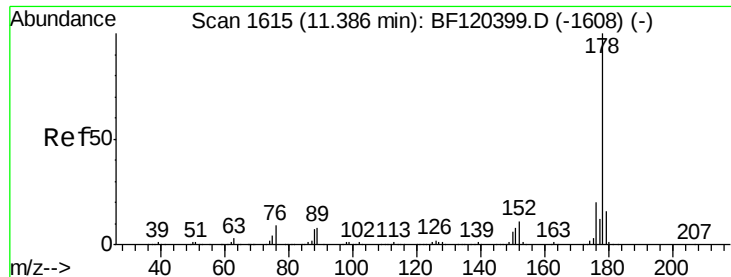
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	549099		
94	8.5		6.6	10.0
80	8.8		7.1	10.7





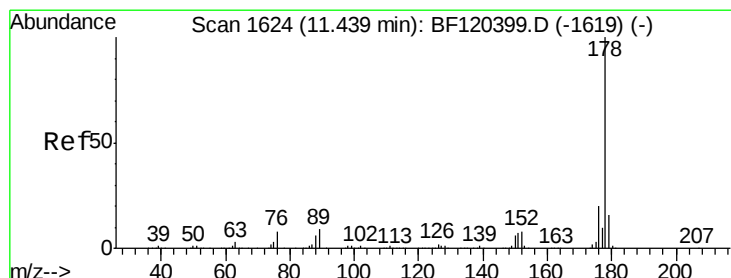
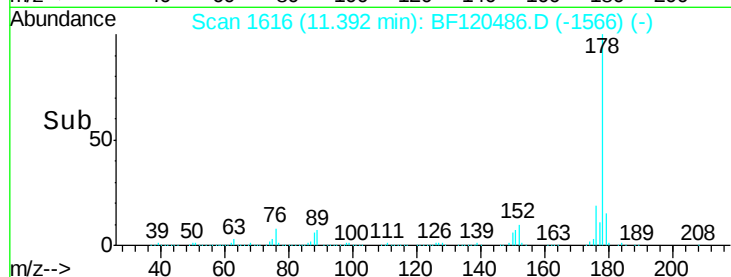
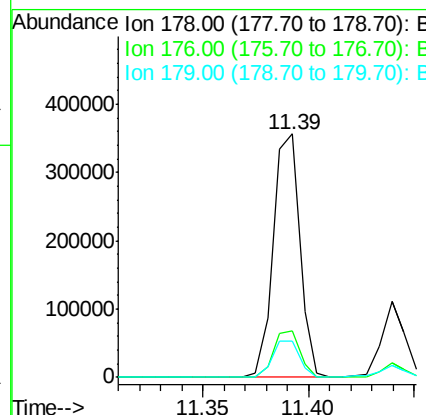
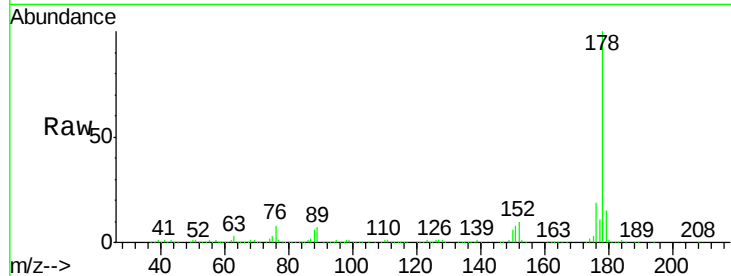
#71
Phenanthrene
Concen: 13.017 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	14.7	12.8	19.2

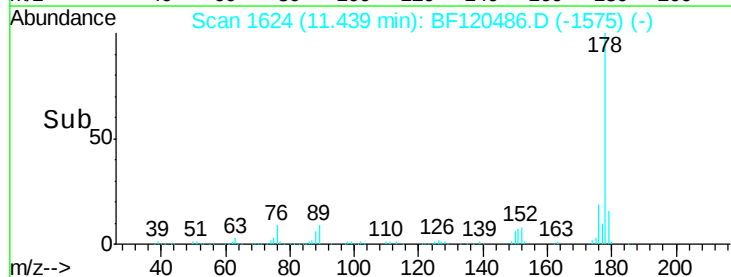
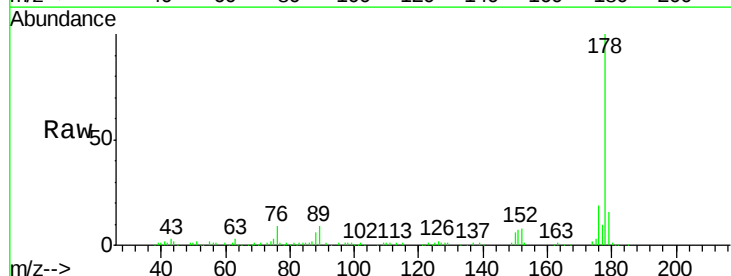
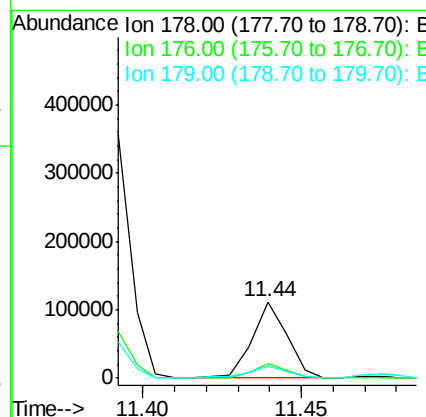
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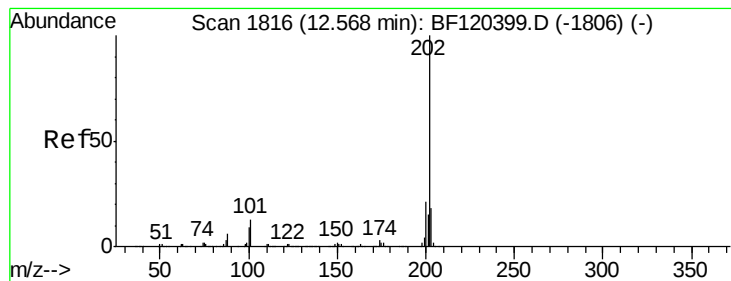
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#72
Anthracene
Concen: 3.466 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	15.7	12.7	19.1





#75

Fluoranthene

Concen: 18.333 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Instrument :

BNA_F

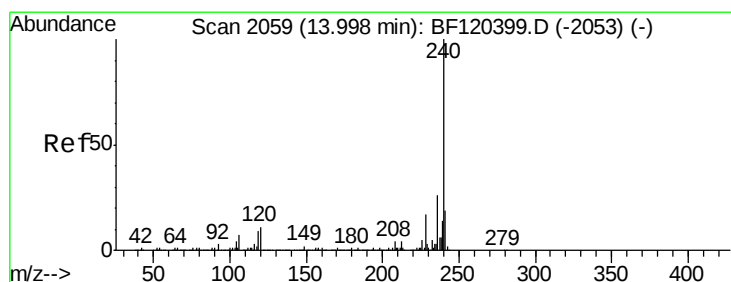
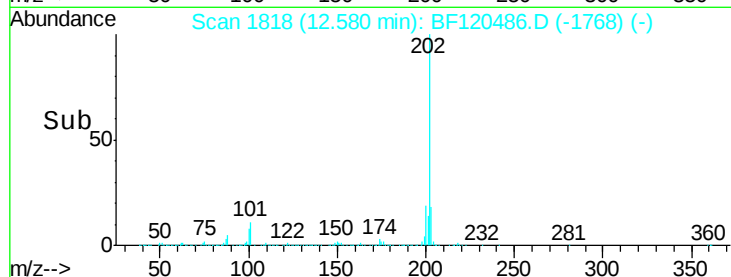
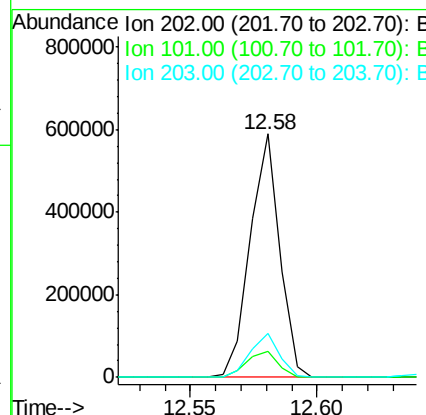
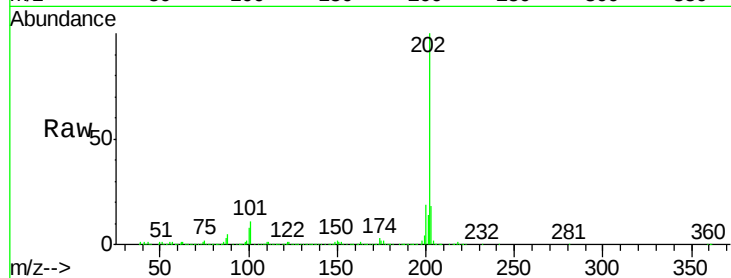
ClientSampleId :

NM107-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.4
203	18.1	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

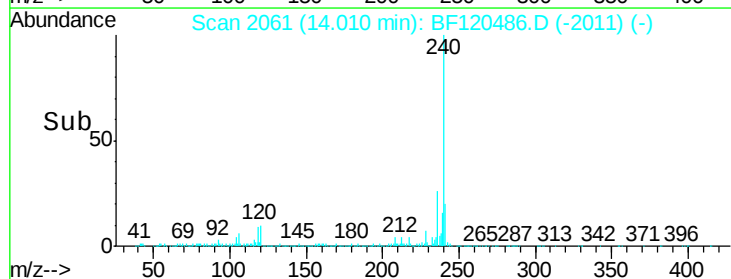
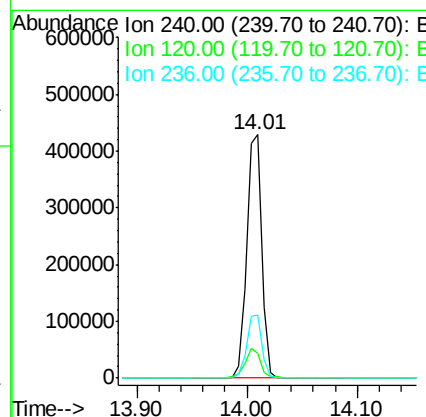
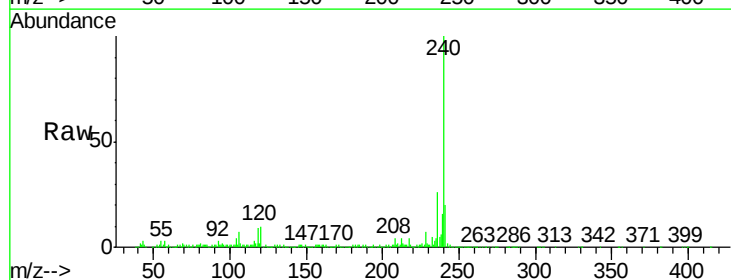
RT: 14.01 min Scan# 2061

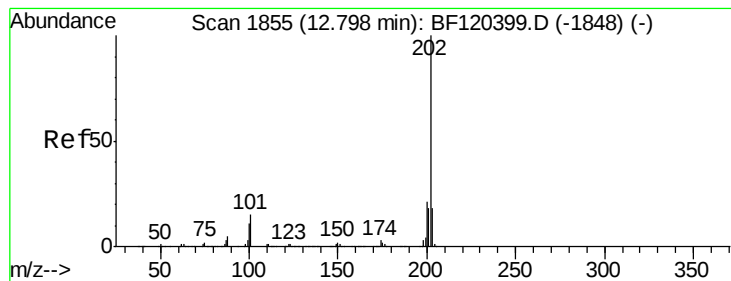
Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.9	14.9
236	26.1	21.0	31.6





#78

Pvrene

Concen: 14.062 ng

RT: 12.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Instrument :

BNA_F

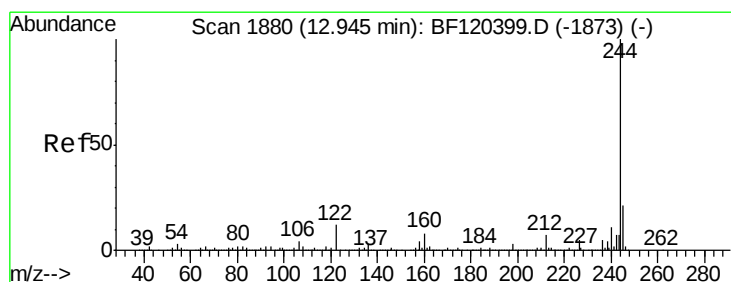
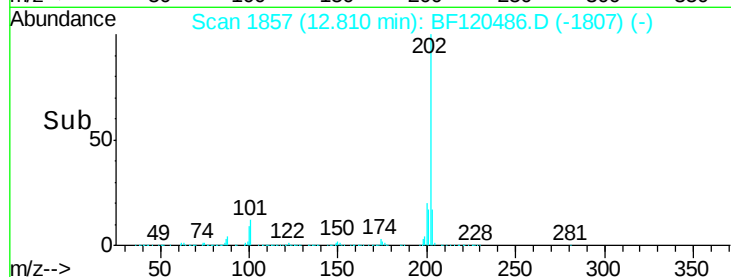
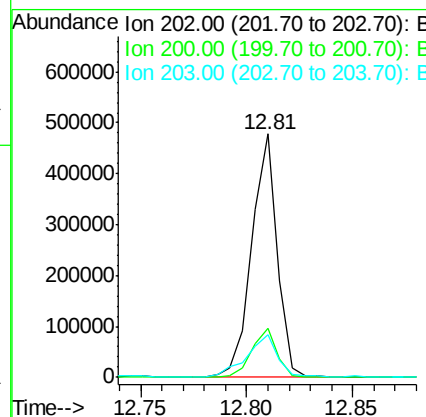
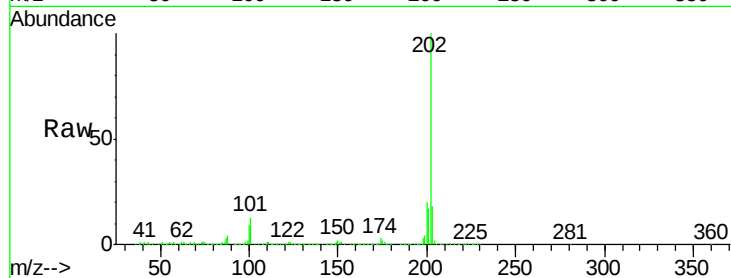
ClientSampleId :

NM107-COMP-2020-0-6

Tot Ion:	202	Resp:	401289
Ion Ratio		Lower	Upper
202	100		
200	20.0	17.0	25.6
203	17.8	14.6	22.0

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#79

Terphenyl-d14

Concen: 61.034 ng

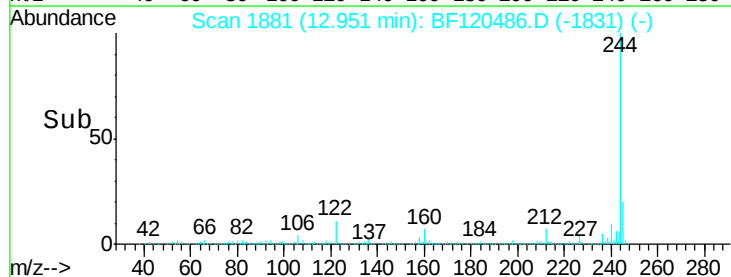
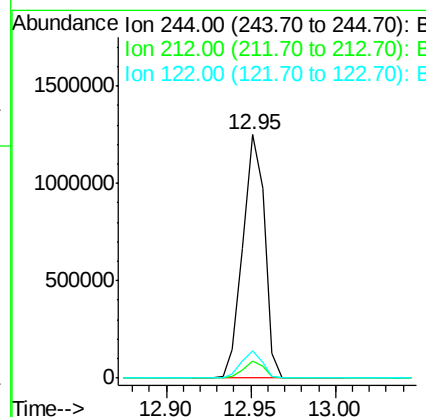
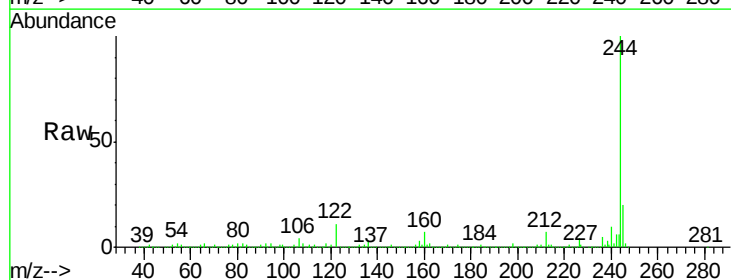
RT: 12.95 min Scan# 1881

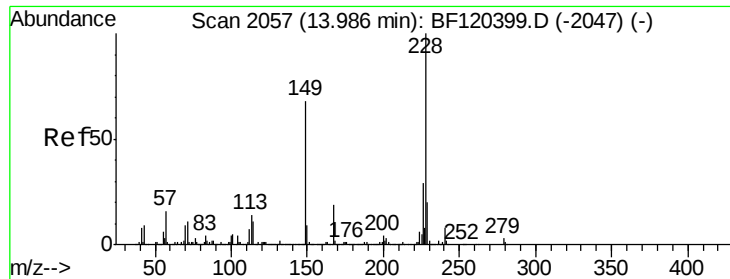
Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Tgt Ion:	244	Resp:	1125488
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.3	8.7	13.1





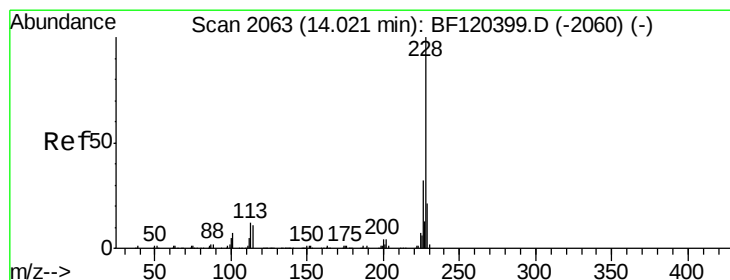
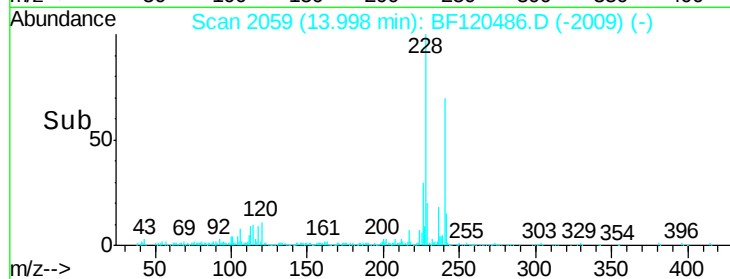
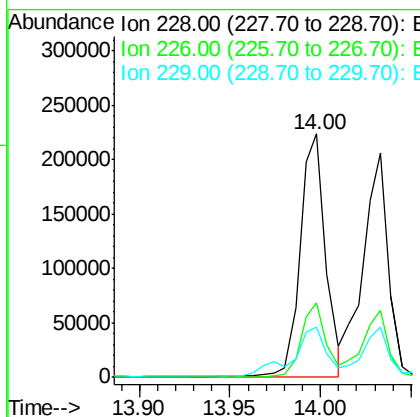
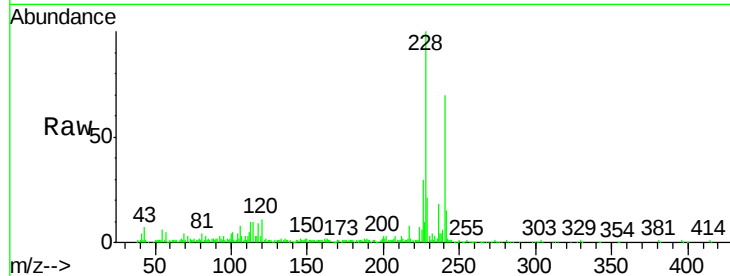
#81
Benzo(a)anthracene
Concen: 9.994 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	20.9	16.3	24.5

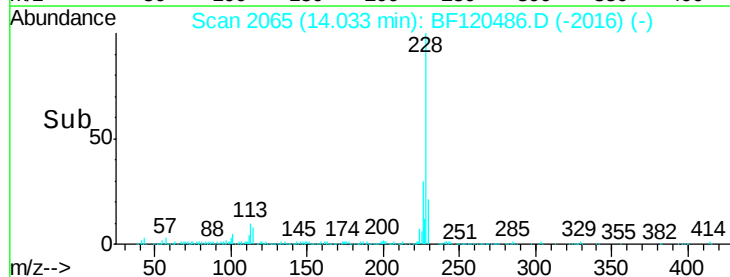
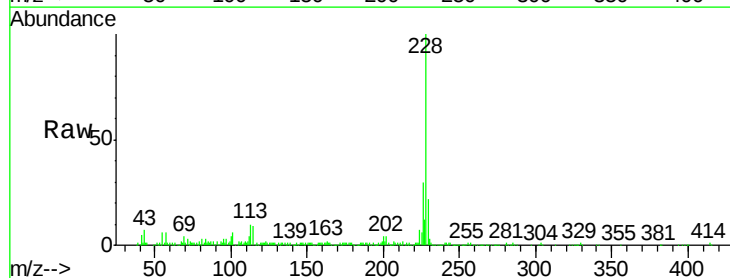
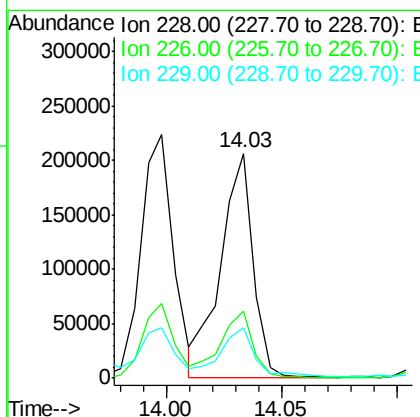
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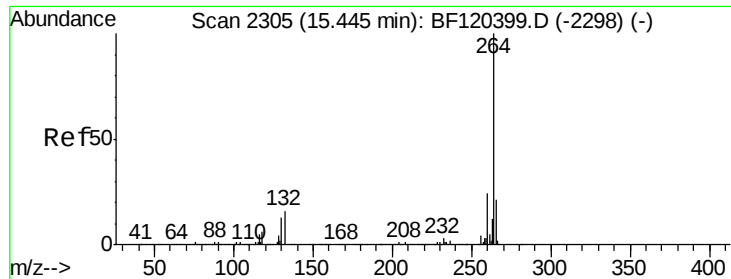
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#83
Chrysene
Concen: 8.686 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	22.1	16.4	24.6





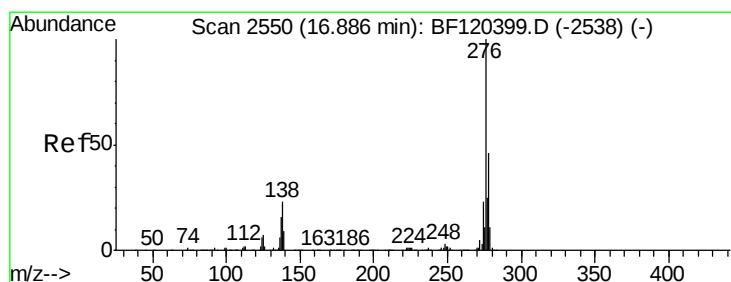
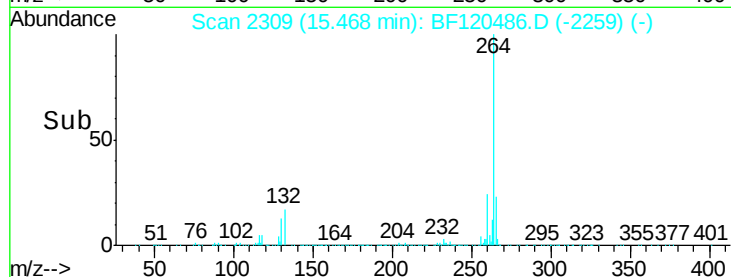
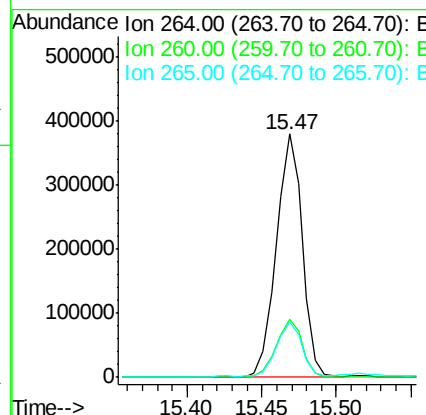
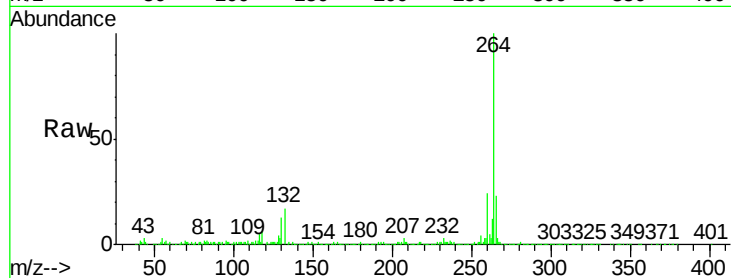
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.8	17.6	26.4

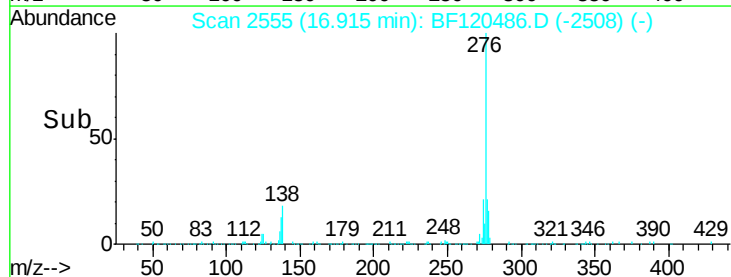
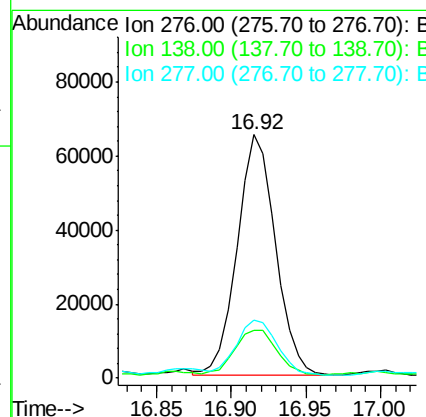
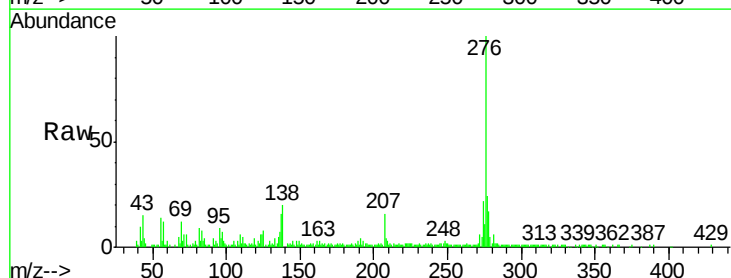
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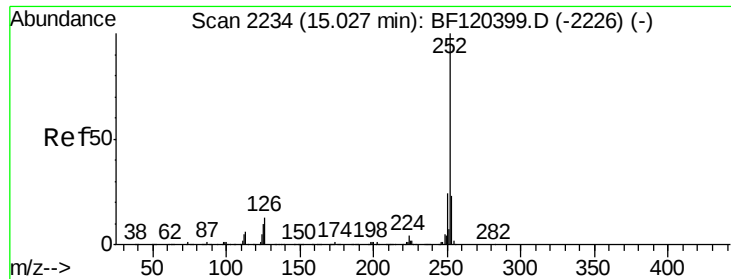
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.636 ng
RT: 16.92 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.3	28.9
277	24.8	20.7	31.1





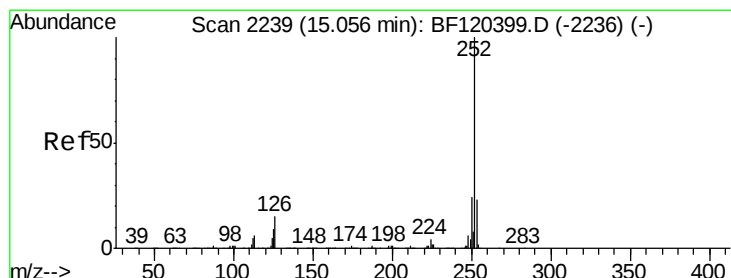
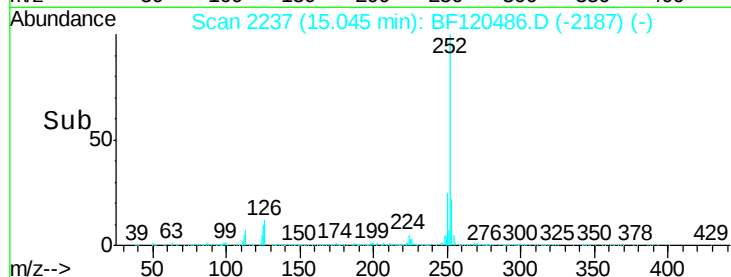
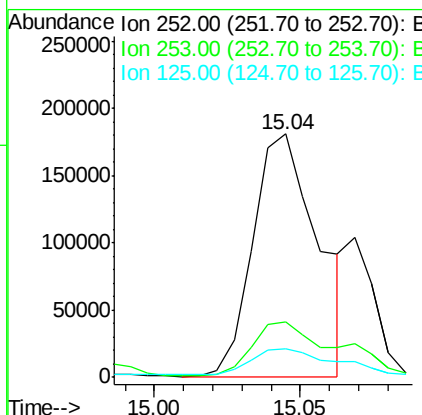
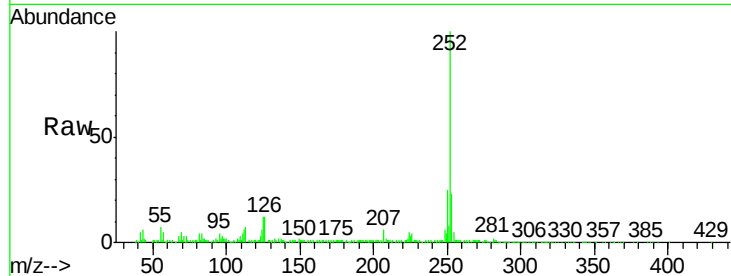
#88
Benzo(b)fluoranthene
Concen: 11.056 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Instrument :
BNA_F
ClientSampleId :
NM107-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.5	8.2	12.4

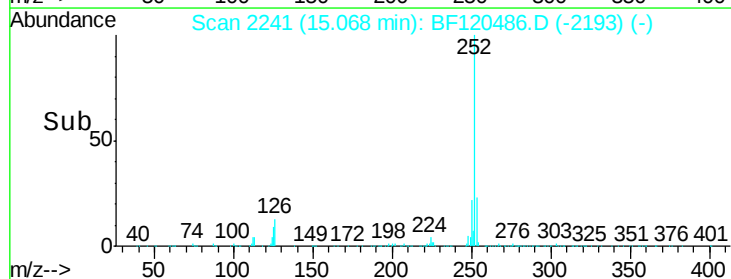
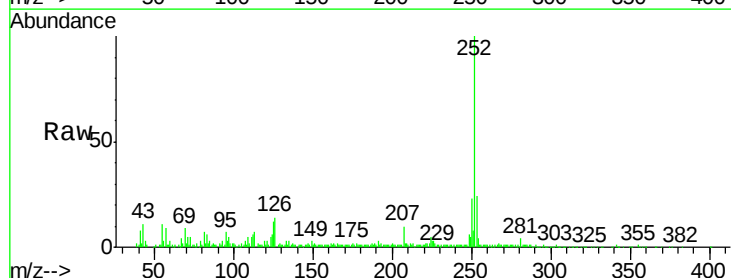
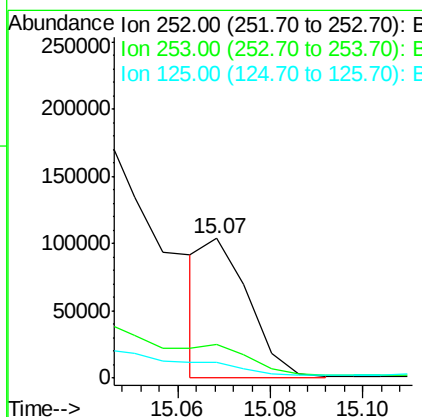
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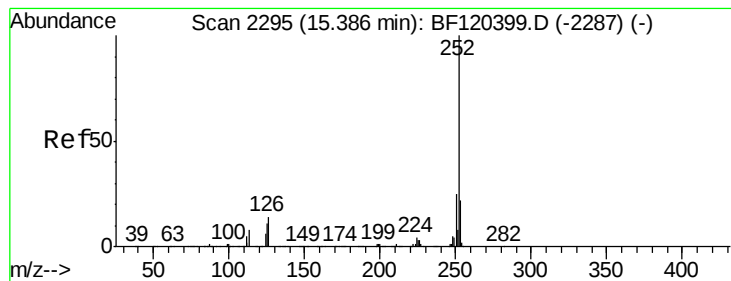
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#89
Benzo(k)fluoranthene
Concen: 2.932 ng m
RT: 15.07 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF120486.D
Acq: 2 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	11.5	7.1	10.7





#90

Benzo(a)pyrene

Concen: 8.370 ng

RT: 15.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Instrument :

BNA_F

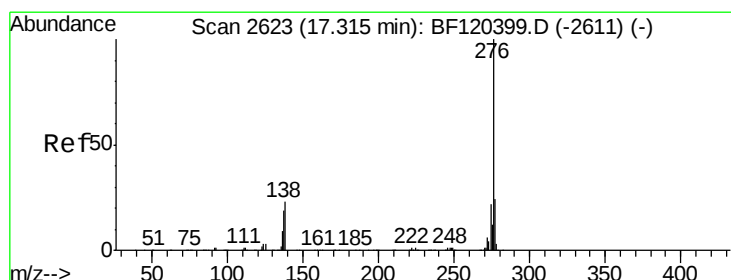
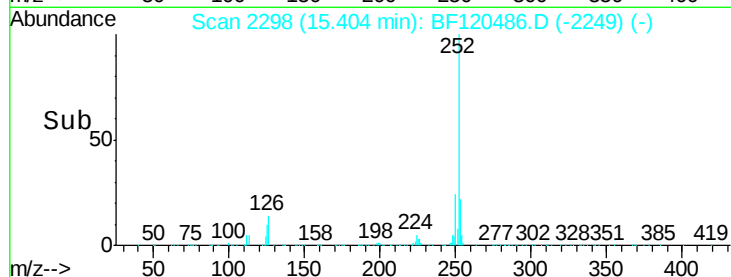
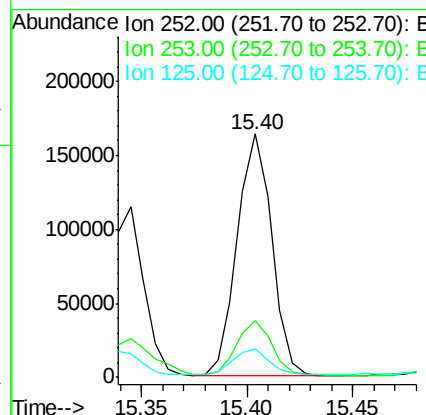
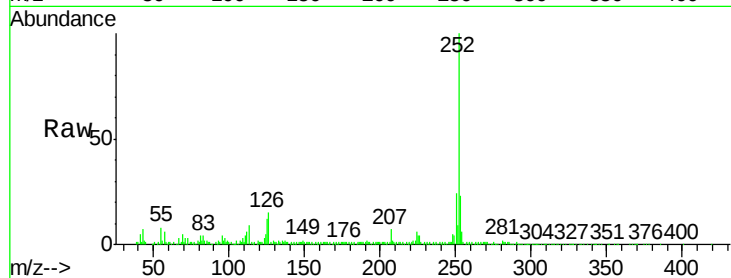
ClientSampleId :

NM107-COMP-2020-0-6

Tot Ion:	252	Resp:	186597
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.5	9.0	13.4

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 5.333 ng

RT: 17.36 min Scan# 2630

Delta R.T. -0.02 min

Lab File: BF120486.D

Acq: 2 Jun 2020 11:18

Tgt Ion:	276	Resp:	107621
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.6	16.8	25.2

