

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120497.D
 Acq On : 2 Jun 2020 16:17
 Operator : JU/CG
 Sample : L2798-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM101-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 03:56:40 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	212070	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	760440	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	361901	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	586426	20.00	ng	0.00
76) Chrysene-d12	14.01	240	411496	20.00	ng	0.00
86) Perylene-d12	15.47	264	395664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	941278	84.59	ng	0.00
7) Phenol-d6	6.48	99	1189441	86.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	774415	66.62	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	294584	87.85	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1414192	66.30	ng	0.00
79) Terphenyl-d14	12.96	244	1198947	64.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	268266	11.857	ng	99
71) Phenanthrene	11.39	178	310444	12.014	ng	98
72) Anthracene	11.44	178	82822	3.195	ng	98
75) Fluoranthene	12.58	202	571173	20.543	ng	98
78) Pyrene	12.81	202	496973	17.366	ng	98
81) Benzo(a)anthracene	14.00	228	284218	12.887	ng	98
83) Chrysene	14.03	228	247769	10.716	ng	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	123164	5.691	ng	97
88) Benzo(b)fluoranthene	15.04	252	323026m	14.699	ng	
89) Benzo(k)fluoranthene	15.07	252	111834m	5.451	ng	
90) Benzo(a)pyrene	15.41	252	219582	11.423	ng	99
92) Benzo(a,h,i)perylene	17.37	276	115873	6.659	ng	98

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

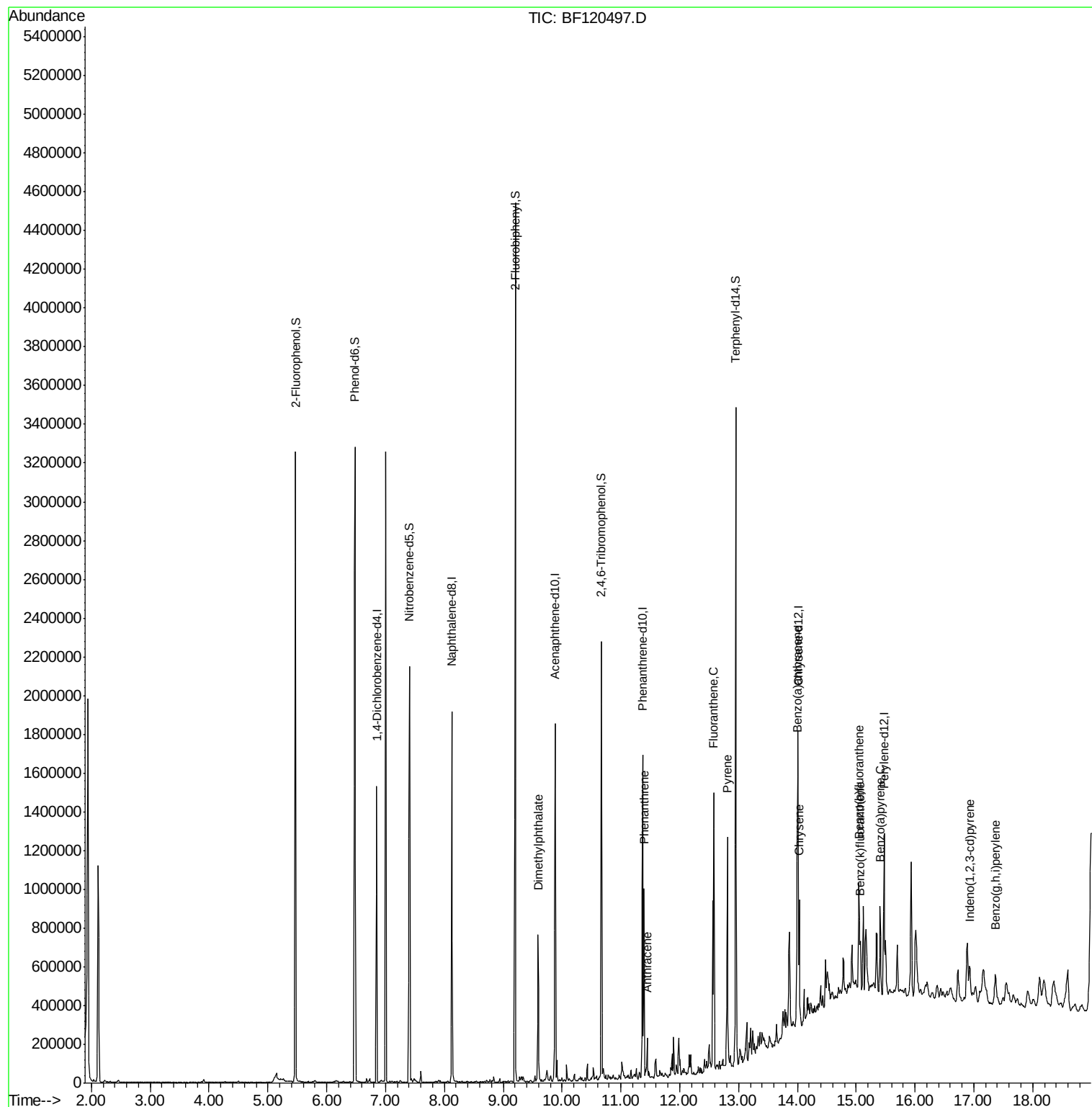
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120497.D
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Operator : JU/CG
Sample : L2798-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

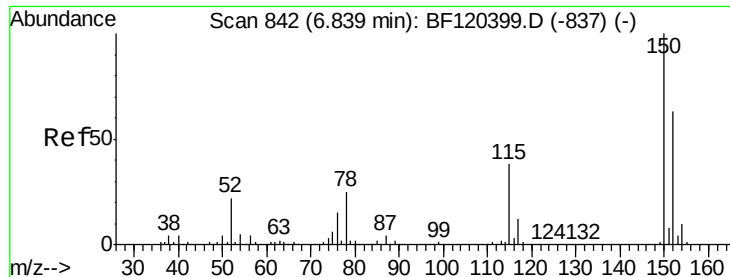
Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Quant Time: Jun 03 03:56:40 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

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#1

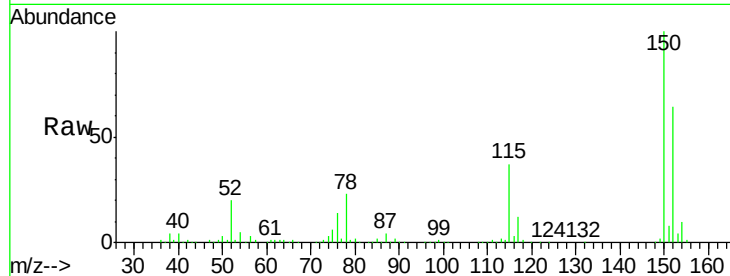
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

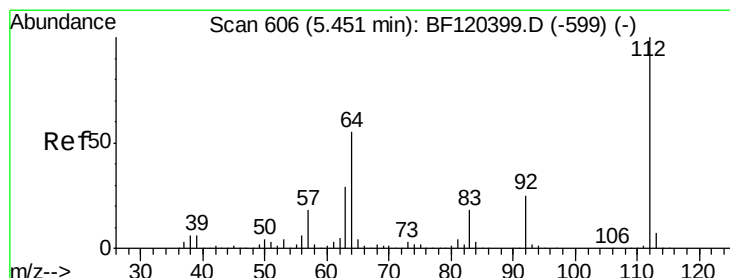
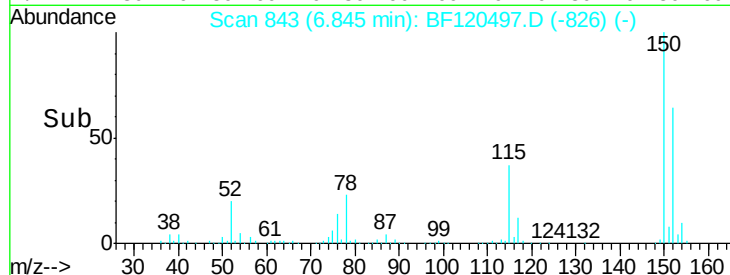
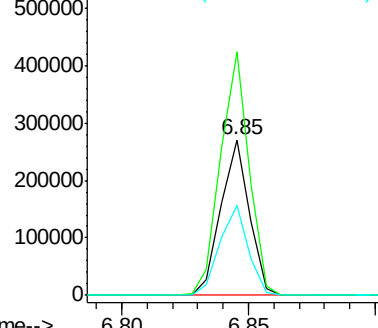
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.7	190.1
115	57.9	46.2	69.2

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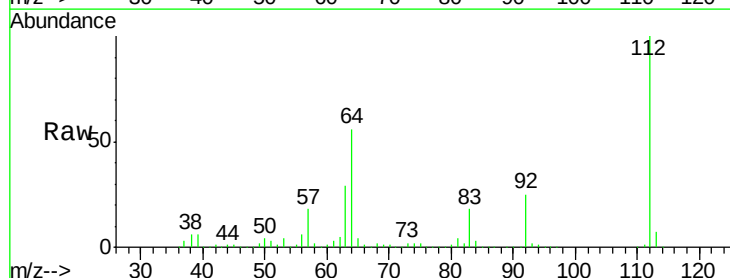
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



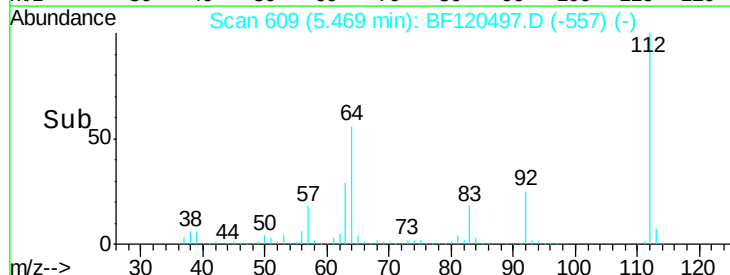
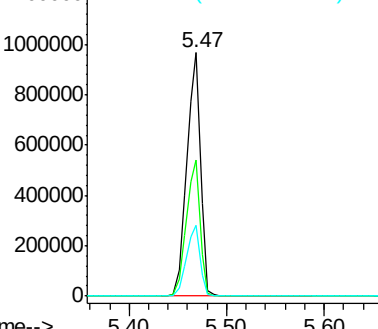
#5

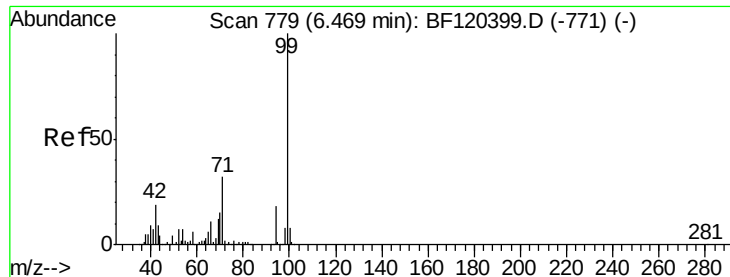
2-Fluorophenol
Concen: 84.587 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.3	69.5
63	28.8	24.2	36.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.720 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120497.D

Acq: 2 Jun 2020 16:17

Instrument :

BNA_F

ClientSampleId :

NM101-COMP-2020-0-6

Tot Ion: 99 Resp: 1189441

Ion Ratio Lower Upper

99 100

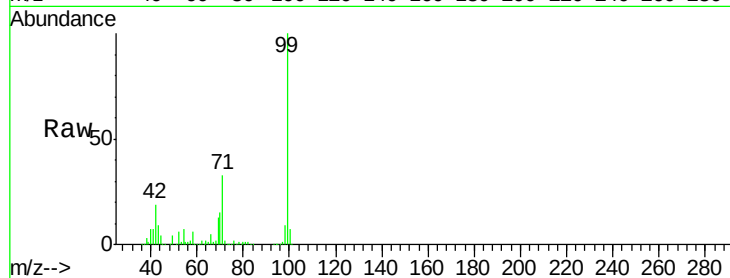
42 18.7 15.1 22.7

71 33.4 26.2 39.4

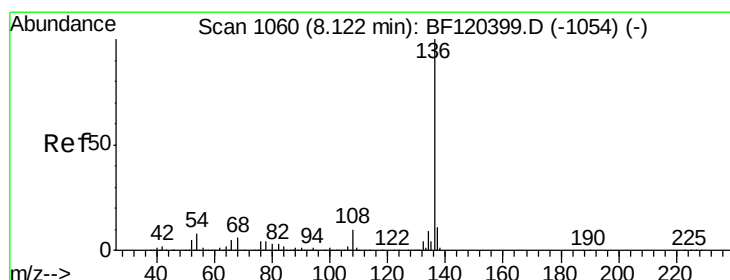
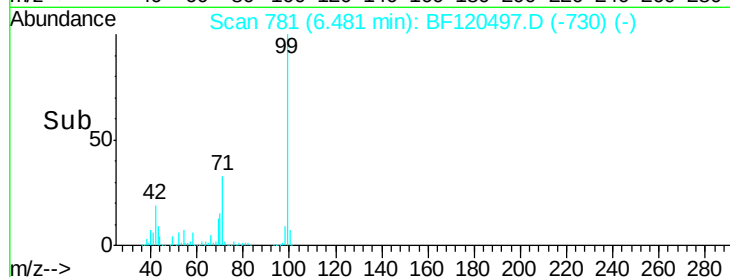
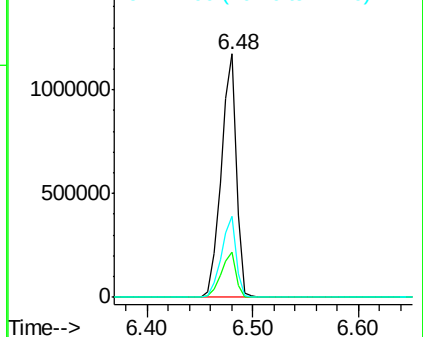
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF120497.D

Acq: 2 Jun 2020 16:17

Tgt Ion: 136 Resp: 760440

Ion Ratio Lower Upper

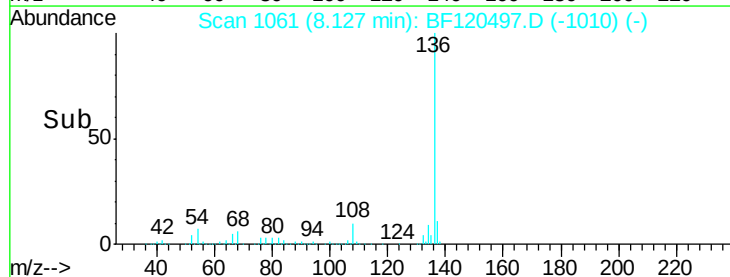
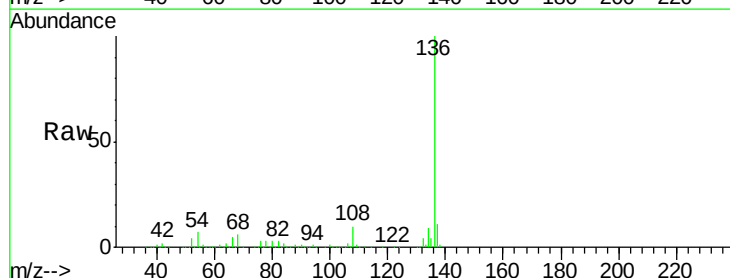
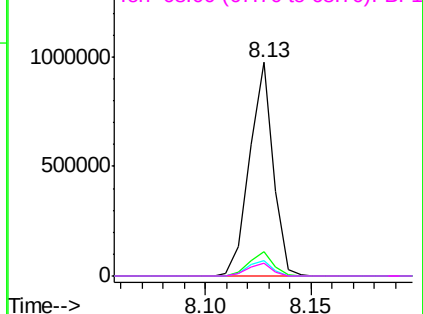
136 100

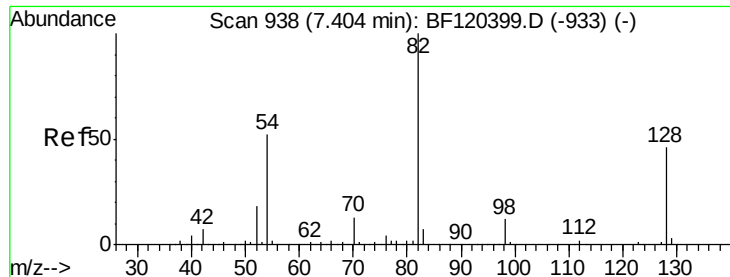
137 11.2 9.0 13.6

54 7.5 6.2 9.4

68 5.7 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





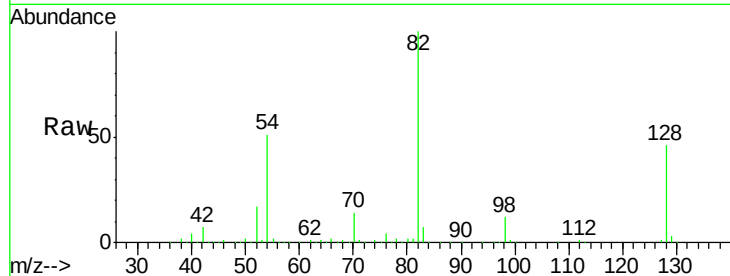
#23
 Nitrobenzene-d5
 Concen: 66.615 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120497.D
 Acq: 2 Jun 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 NM101-COMP-2020-0-6

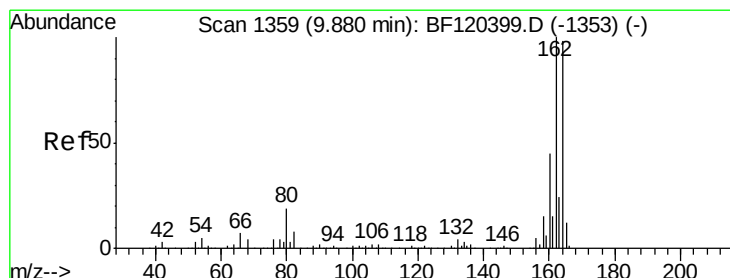
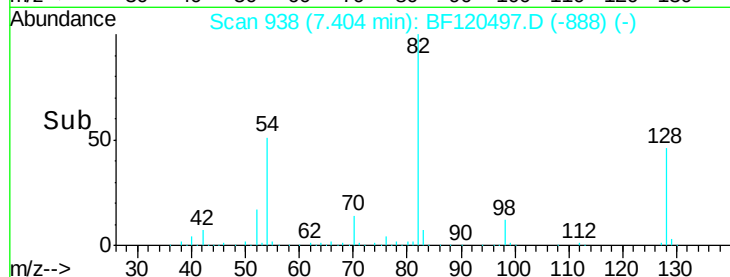
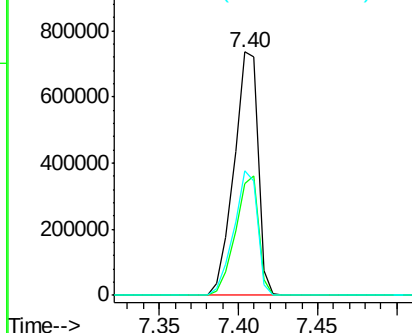
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.0	55.6
54	51.1	41.0	61.4

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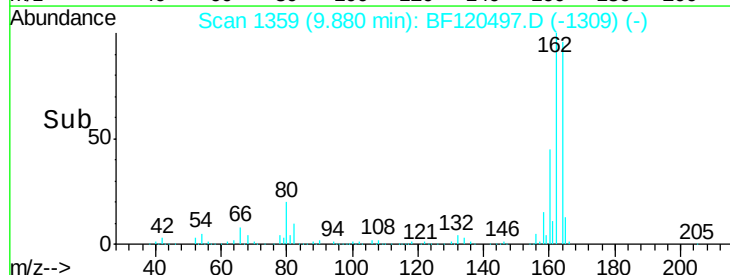
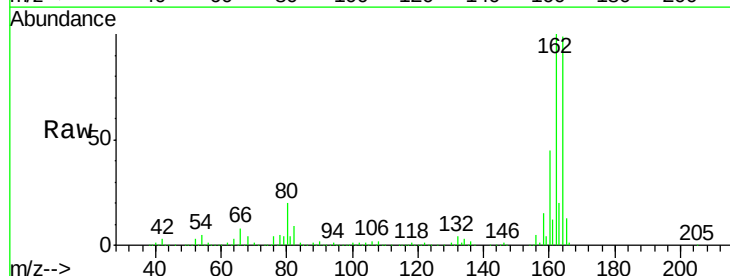
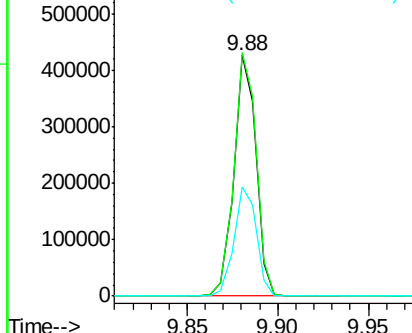
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

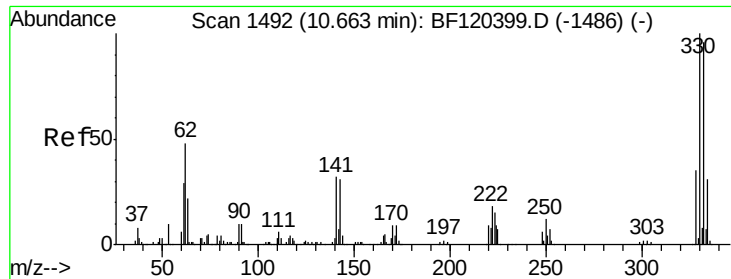


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF120497.D
 Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.9	122.9
160	45.3	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





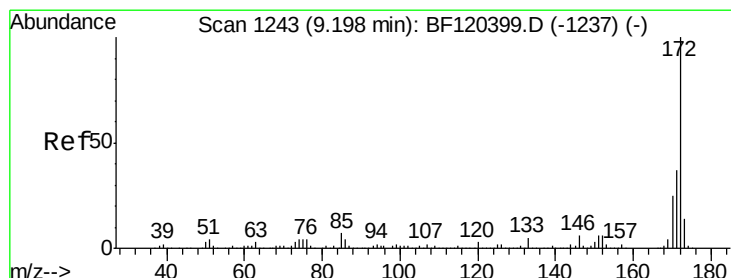
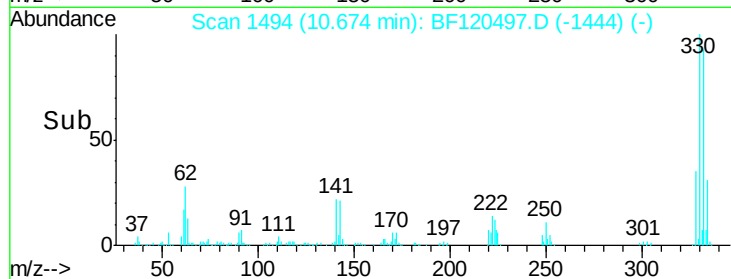
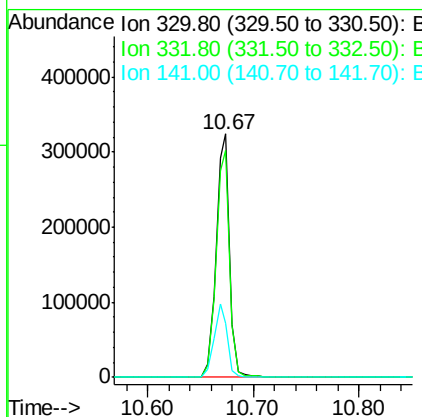
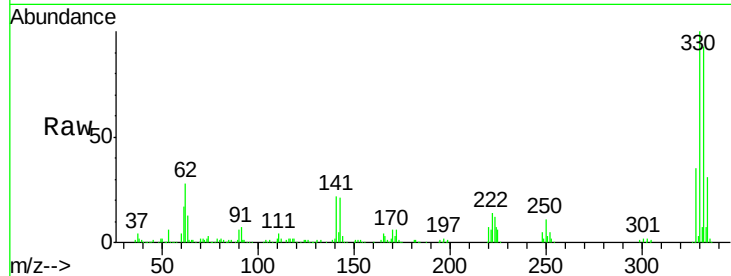
#42
 2,4,6-Tribromophenol
 Concen: 87.852 ng
 RT: 10.67 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF120497.D
 Acq: 2 Jun 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 NM101-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294584		
332	94.4	76.8	115.2	
141	29.9	23.9	35.9	

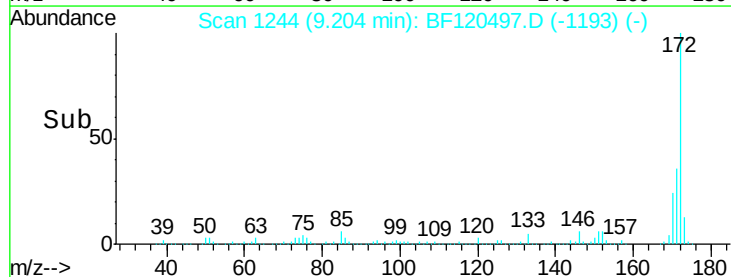
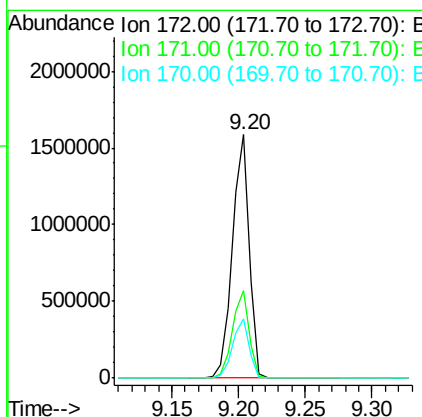
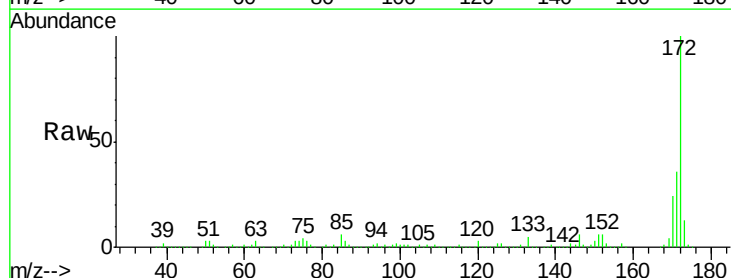
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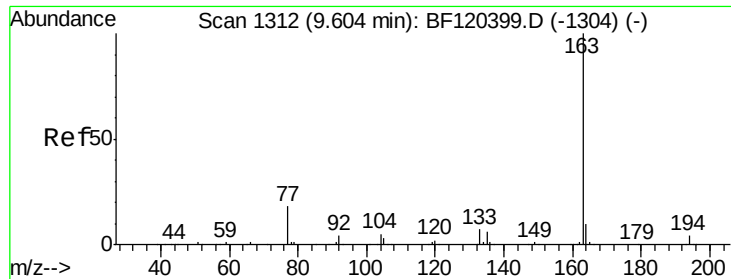
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#45
 2-Fluorobiphenyl
 Concen: 66.301 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF120497.D
 Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1414192		
171	36.2	29.4	44.2	
170	24.1	19.9	29.9	





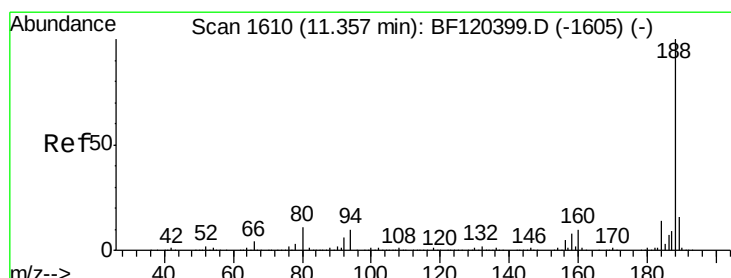
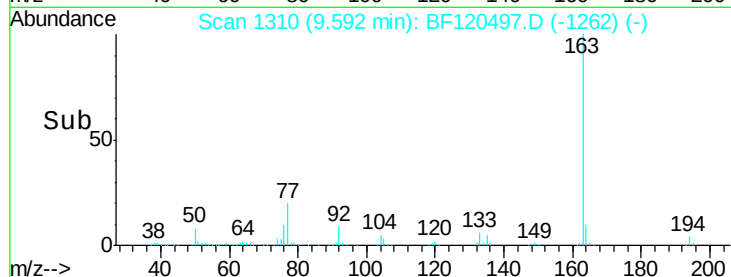
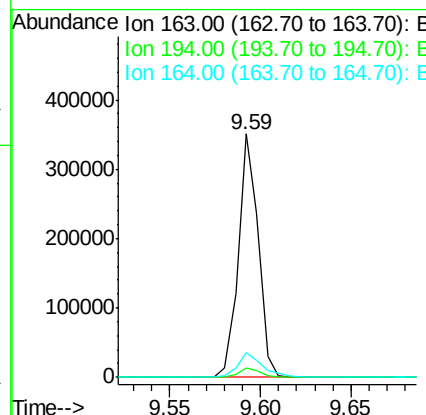
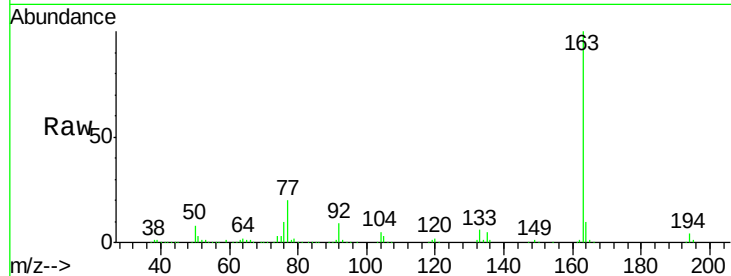
#50
Dimethylphthalate
Concen: 11.857 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	268266		
194	3.7		3.3	4.9
164	10.1		8.2	12.2

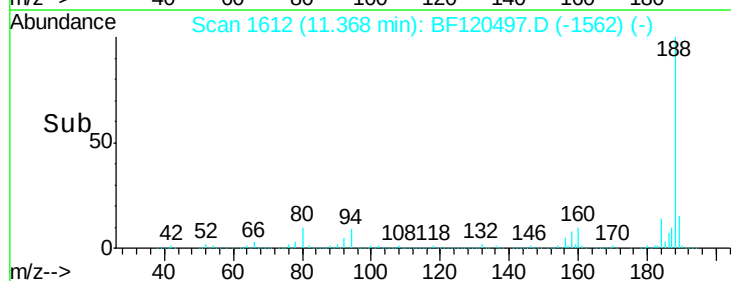
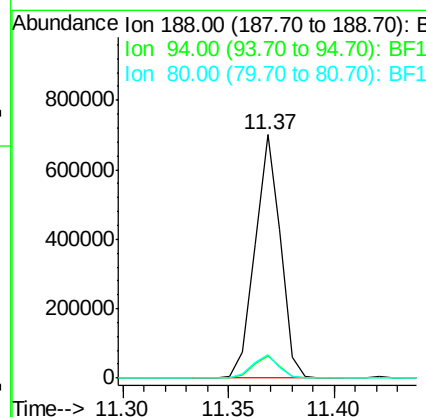
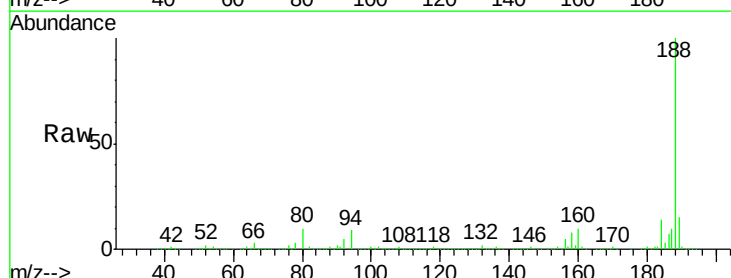
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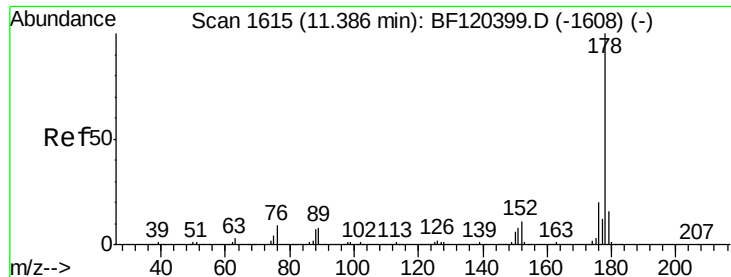
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	586426		
94	9.3		6.6	10.0
80	9.7		7.1	10.7





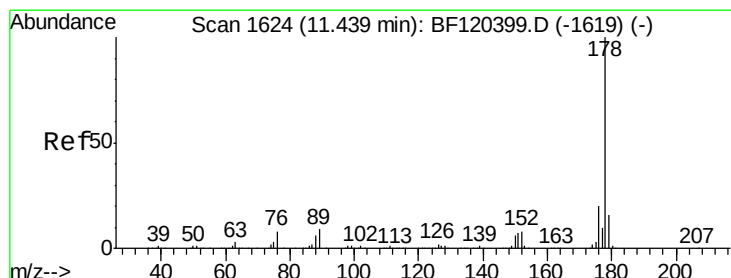
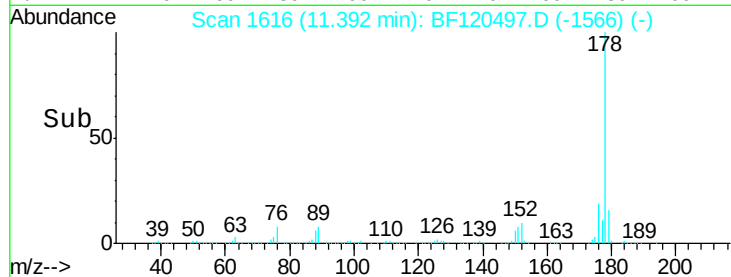
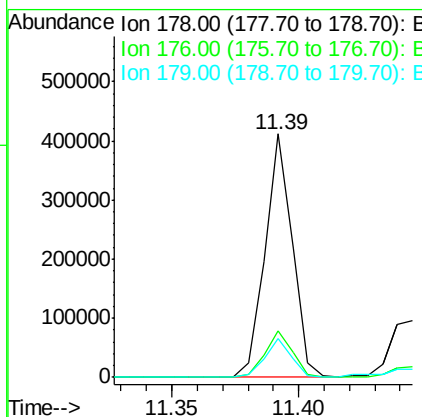
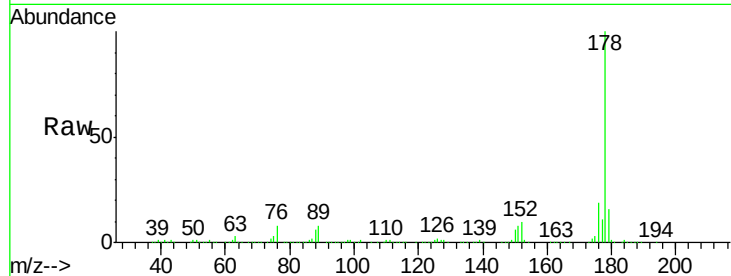
#71
Phenanthrene
Concen: 12.014 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.7	12.8	19.2

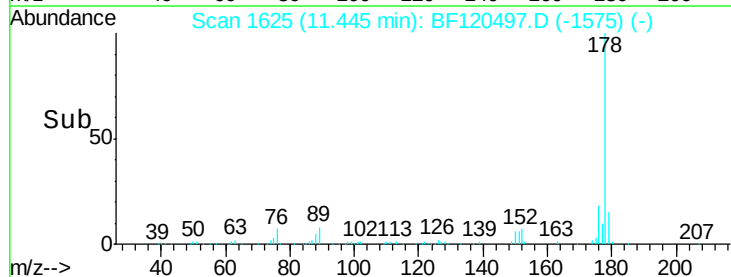
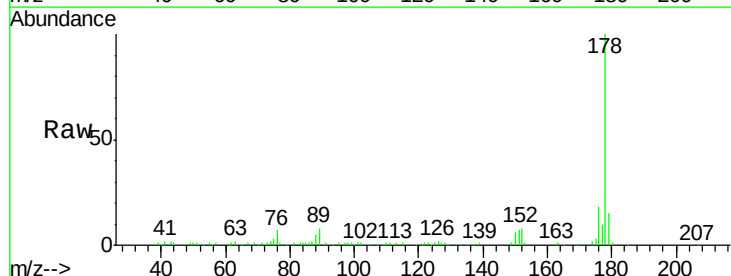
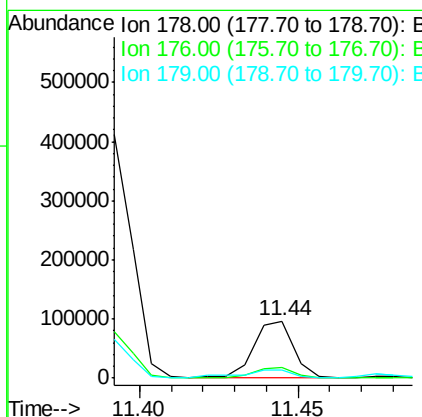
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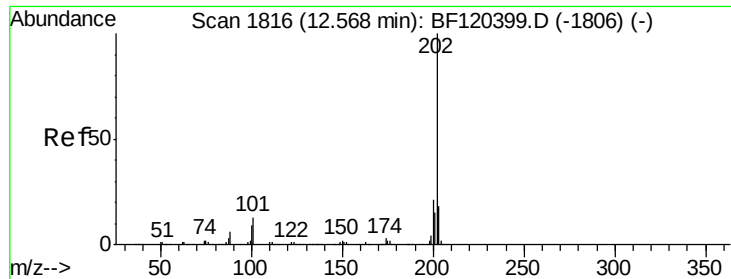
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#72
Anthracene
Concen: 3.195 ng
RT: 11.44 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.3	12.7	19.1





#75

Fluoranthene

Concen: 20.543 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120497.D

Acq: 2 Jun 2020 16:17

Instrument :

BNA_F

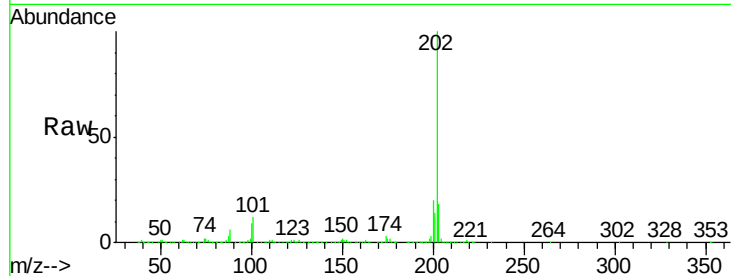
ClientSampleId :

NM101-COMP-2020-0-6

Tot Ion:	202	Resp:	571173
Ion Ratio		Lower	Upper
202	100		
101	12.0	0.0	31.4
203	17.9	0.0	38.8

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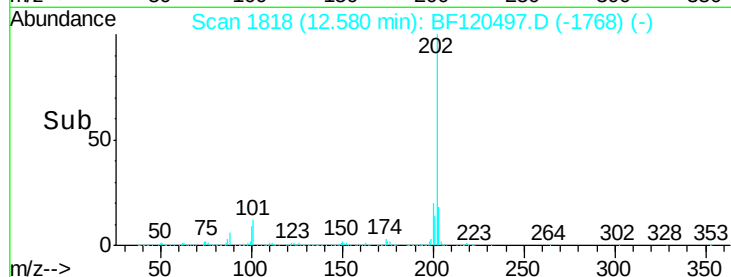
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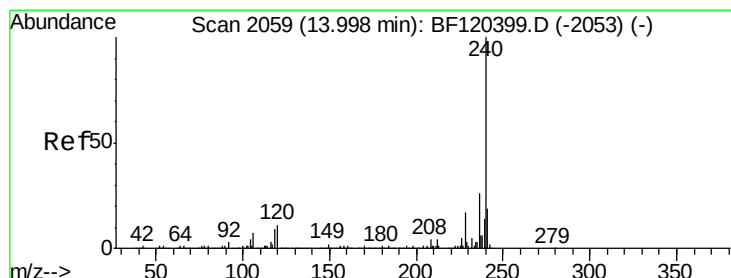
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.58

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

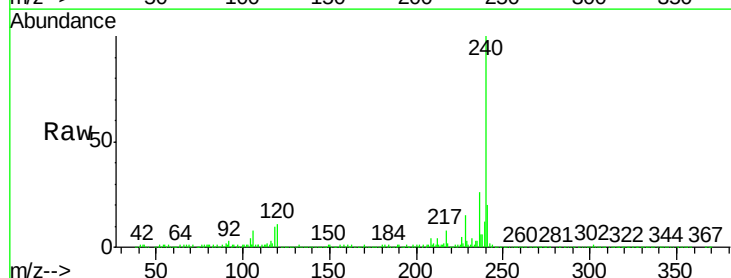
RT: 14.01 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BF120497.D

Acq: 2 Jun 2020 16:17

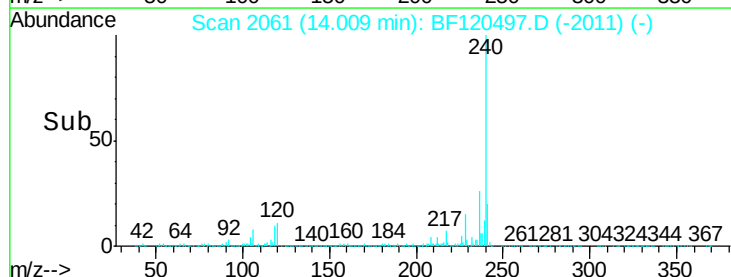
Tgt Ion:	240	Resp:	411496
Ion Ratio		Lower	Upper
240	100		
120	11.3	9.9	14.9
236	26.1	21.0	31.6



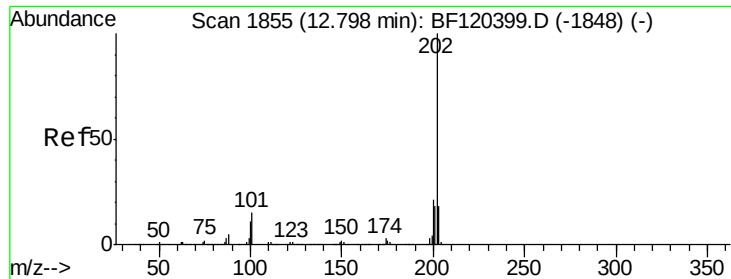
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.01

Time-->



Time-->



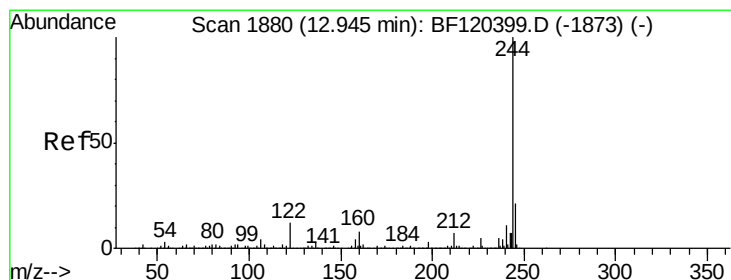
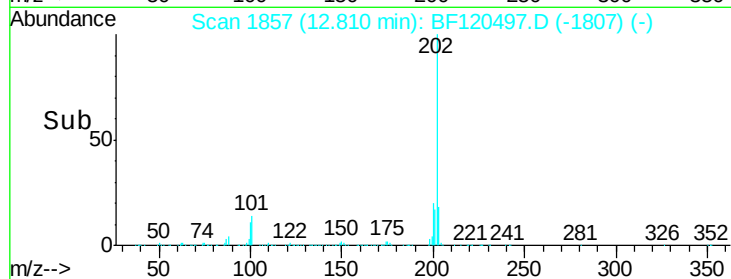
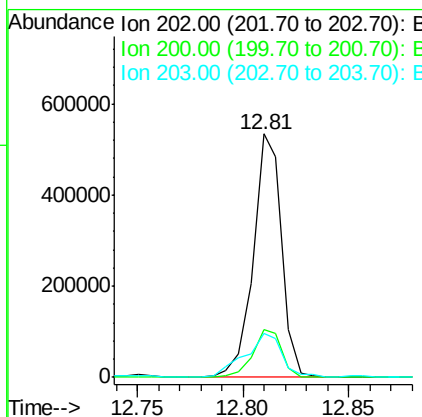
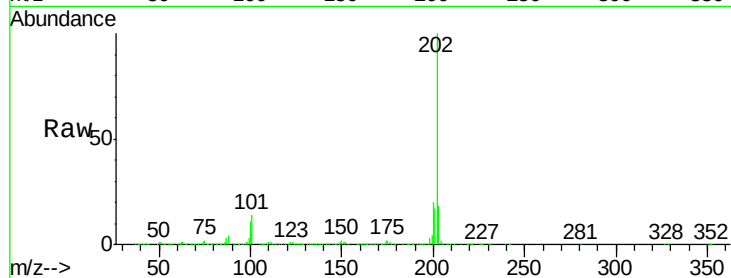
#78
Pvrene
Concen: 17.366 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	496973		
200	19.8		17.0	25.6
203	18.2		14.6	22.0

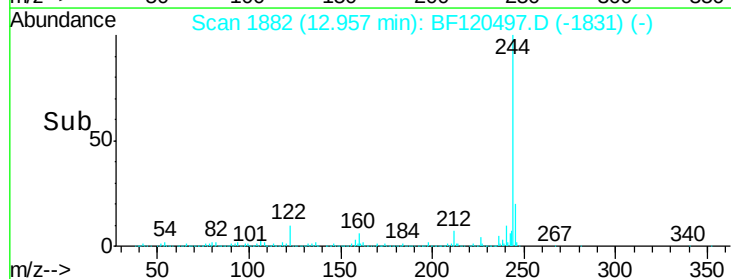
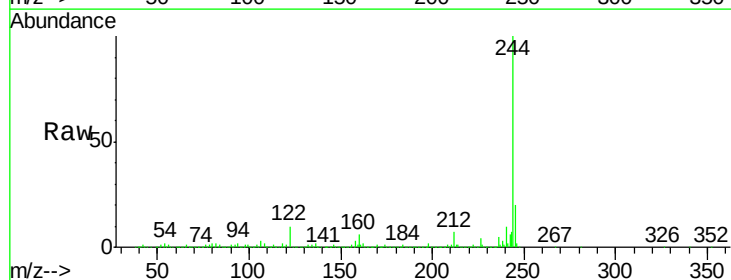
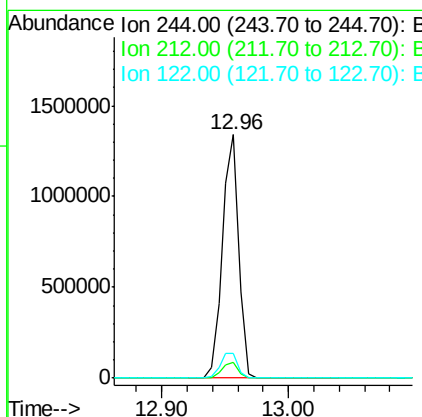
Manual Integrations
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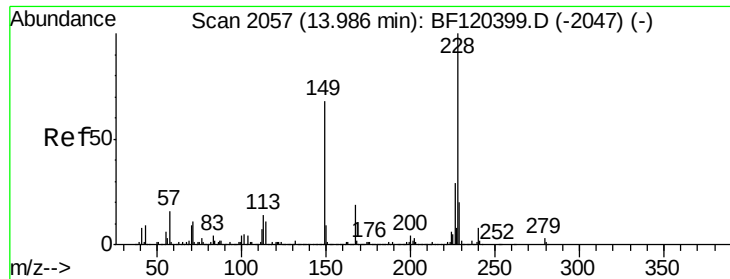
mohammad
6/3/2020 4:36:12 PM



#79
Terphenyl-d14
Concen: 64.835 ng
RT: 12.96 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1198947		
212	6.5		5.8	8.8
122	10.3		8.7	13.1





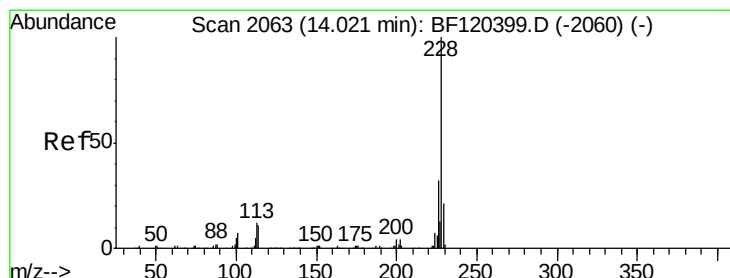
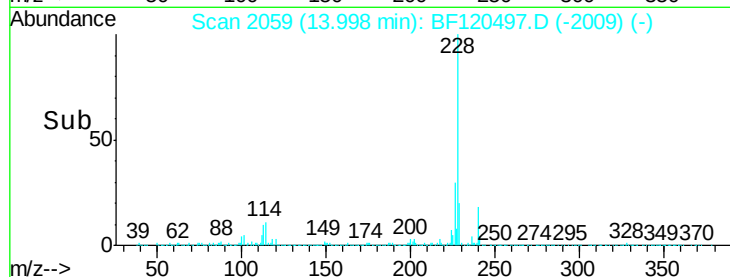
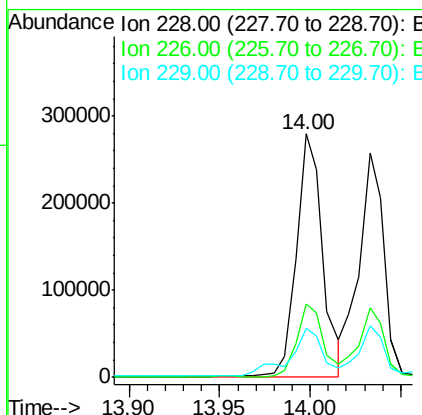
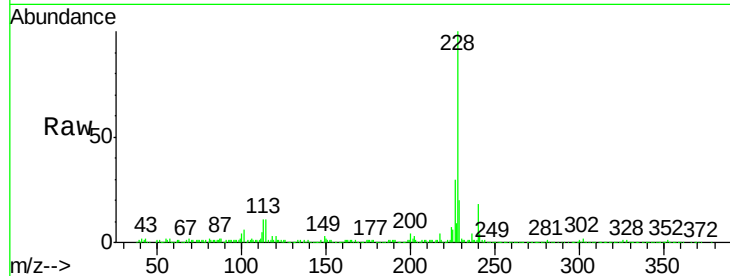
#81
Benzo(a)anthracene
Concen: 12.887 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.9	34.3
229	20.4	16.3	24.5

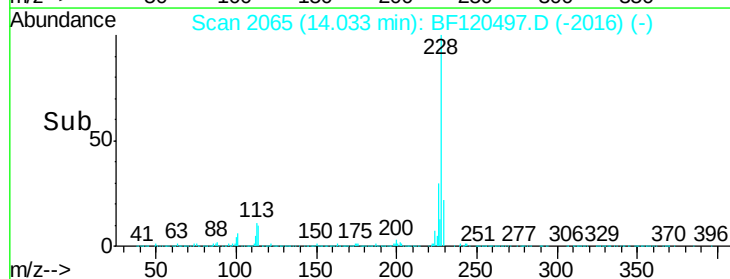
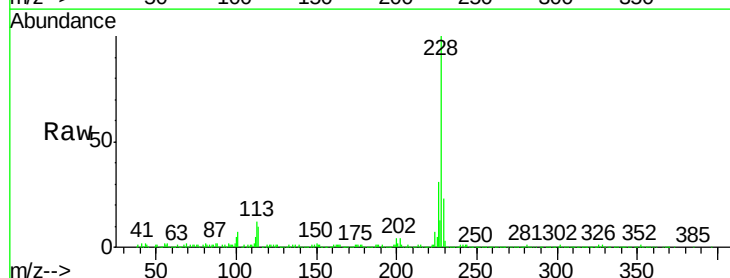
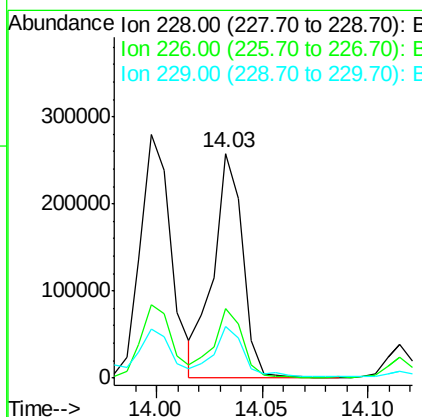
Manual Integrations
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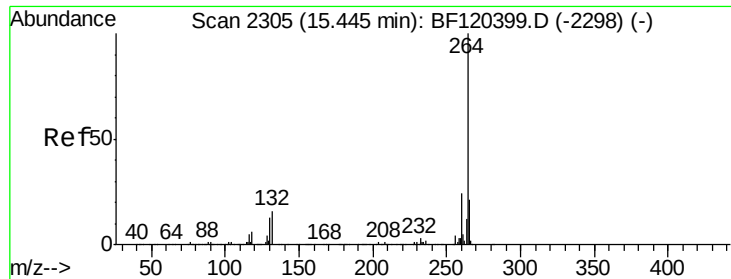
mohammad
6/3/2020 4:36:12 PM



#83
Chrysene
Concen: 10.716 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	22.7	16.4	24.6





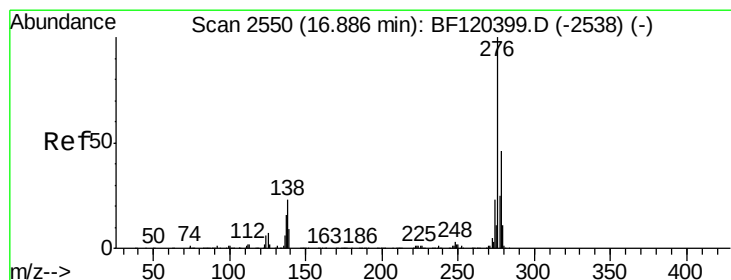
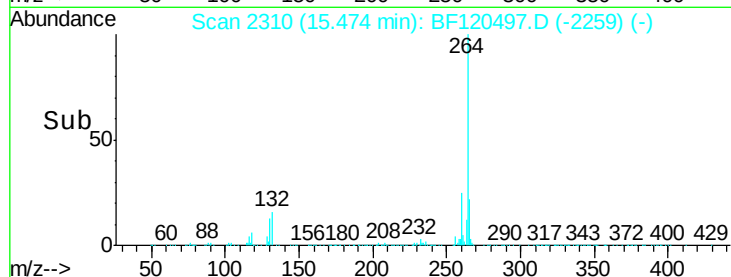
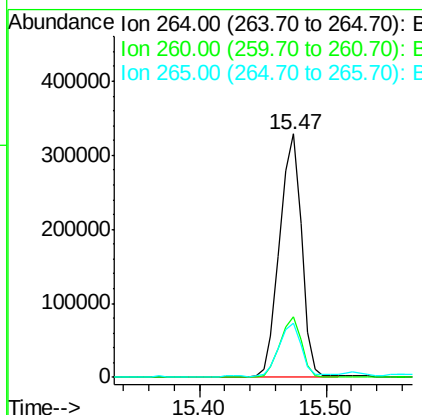
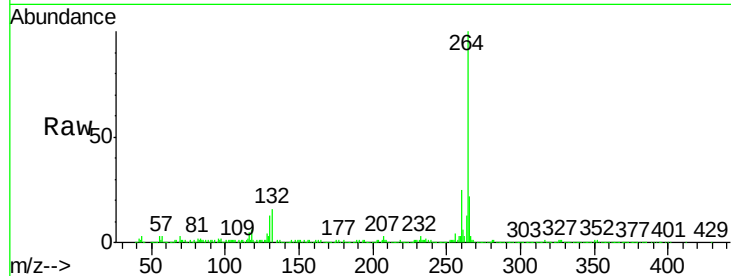
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.3	17.6	26.4

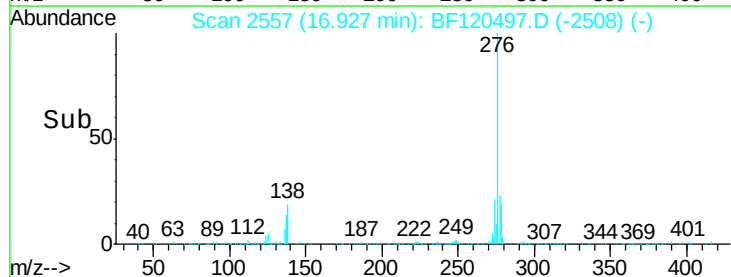
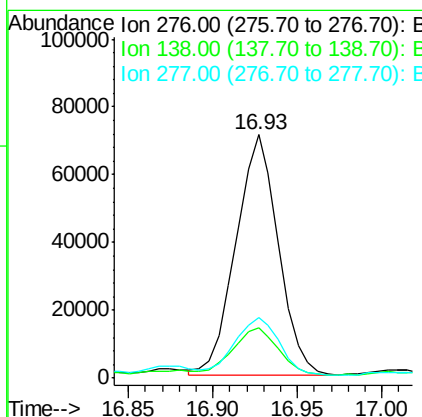
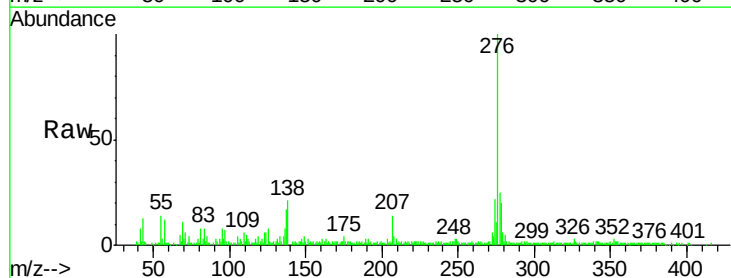
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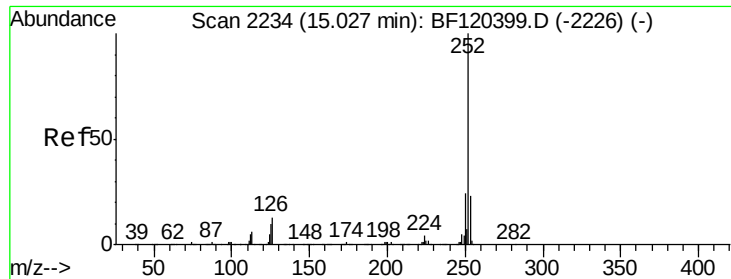
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.691 ng
RT: 16.93 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.3	28.9
277	25.7	20.7	31.1





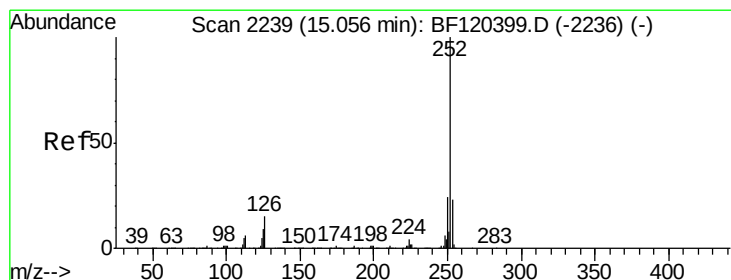
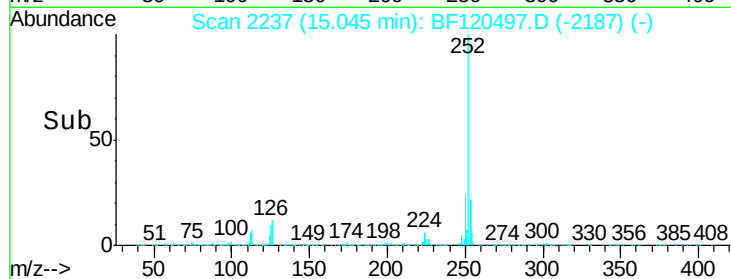
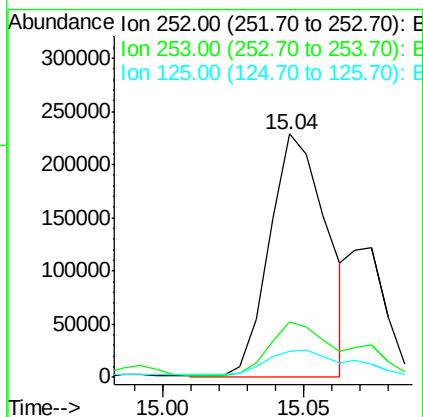
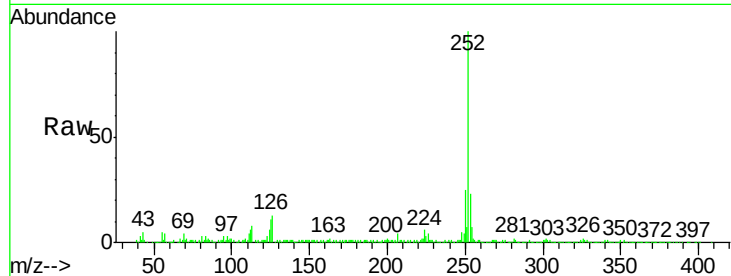
#88
Benzo(b)fluoranthene
Concen: 14.699 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.9	8.2	12.4

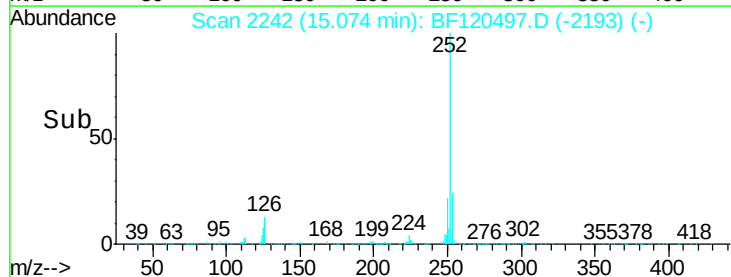
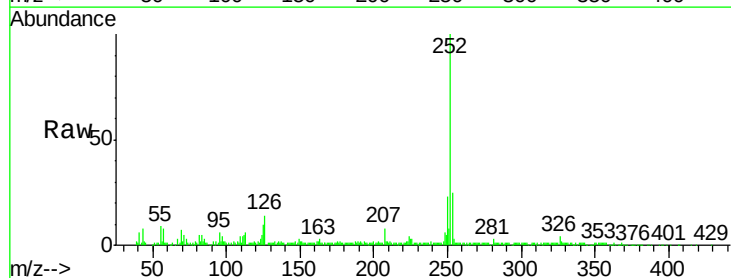
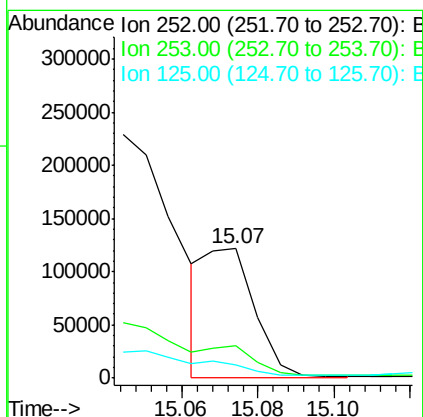
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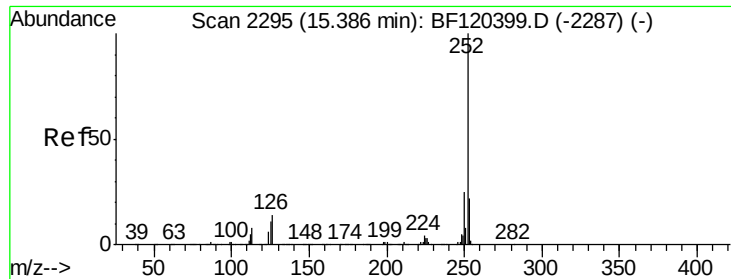
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.451 ng m
RT: 15.07 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	9.8	7.1	10.7





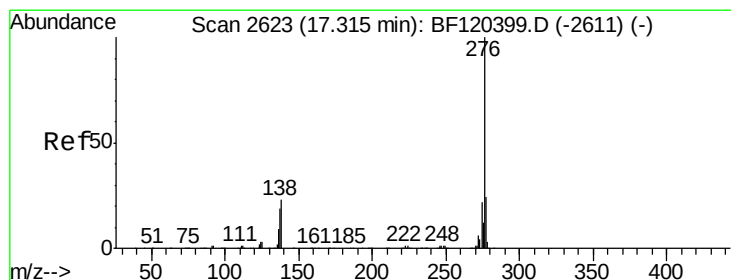
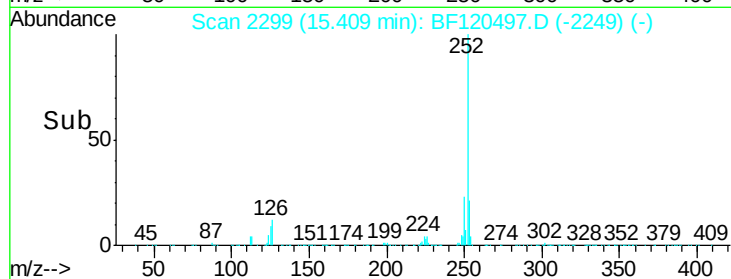
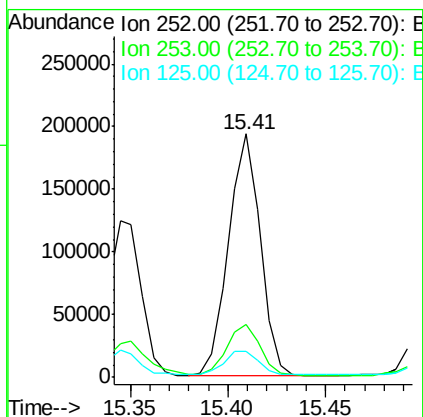
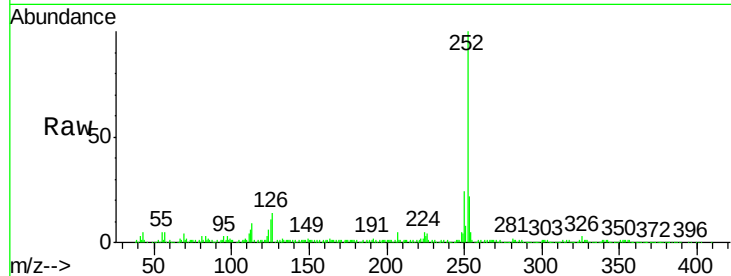
#90
Benzo(a)pyrene
Concen: 11.423 ng
RT: 15.41 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Instrument :
BNA_F
ClientSampleId :
NM101-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.8	9.0	13.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.659 ng
RT: 17.37 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BF120497.D
Acq: 2 Jun 2020 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.5	16.8	25.2

