

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120419.D
 Acq On : 28 May 2020 20:28
 Operator : MA/SJ
 Sample : L2746-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM56-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 04:53:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	249224	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	882666	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	408111	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	708279	20.00	ng	0.00
76) Chrysene-d12	13.99	240	574852	20.00	ng	0.00
86) Perylene-d12	15.45	264	553053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1146349	87.66	ng	0.00
7) Phenol-d6	6.46	99	1446256	89.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	901327	66.80	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	362099	95.76	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1653098	68.73	ng	0.00
79) Terphenyl-d14	12.95	244	1637086	63.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	621794	24.371	ng	99
71) Phenanthrene	11.38	178	222914	7.143	ng	98
72) Anthracene	11.43	178	63559	2.030	ng	98
75) Fluoranthene	12.57	202	556804	16.581	ng	98
78) Pyrene	12.80	202	526947	13.181	ng	98
81) Benzo(a)anthracene	13.99	228	294575	9.561	ng	97
83) Chrysene	14.02	228	271287	8.399	ng	97
87) Indeno(1,2,3-cd)pyrene	16.88	276	163222	5.396	ng	95
88) Benzo(b)fluoranthene	15.03	252	398506m	12.973	ng	
89) Benzo(k)fluoranthene	15.05	252	95569m	3.333	ng	
90) Benzo(a)pyrene	15.39	252	260775	9.705	ng	98
92) Benzo(a,h,i)perylene	17.32	276	151442	6.226	ng	96

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

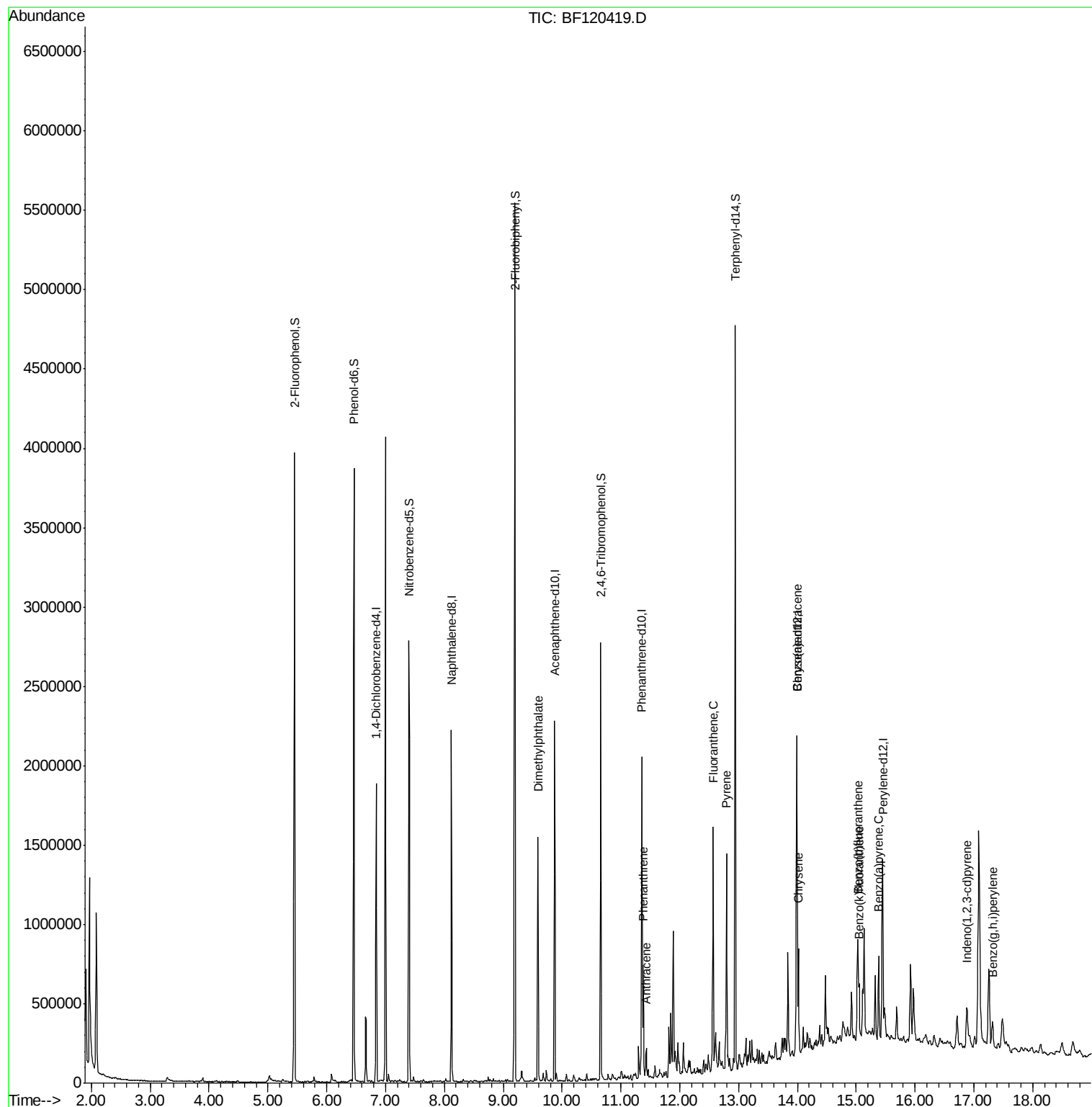
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120419.D
Acq On : 28 May 2020 20:28
Operator : MA/SJ
Sample : L2746-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

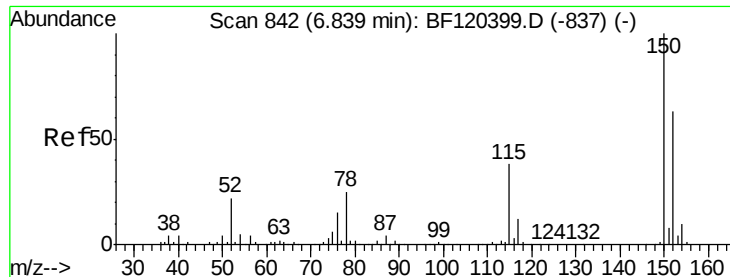
Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

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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

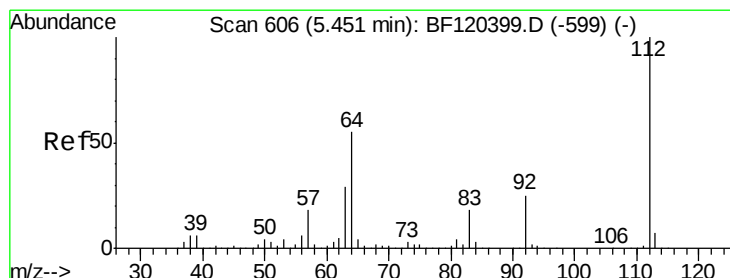
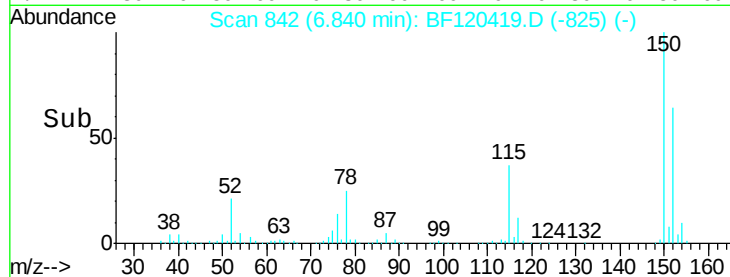
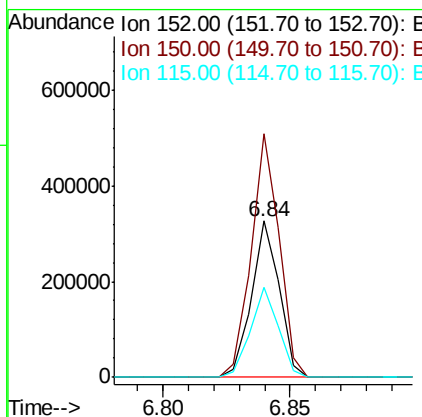
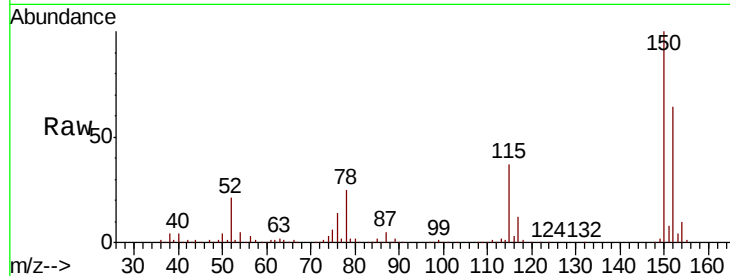
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	57.5	47.6	71.4

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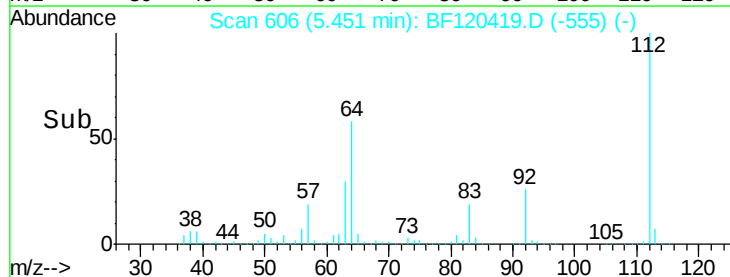
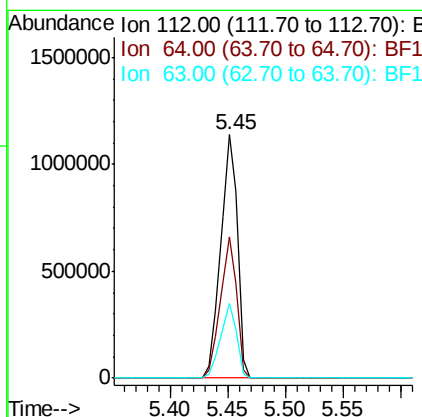
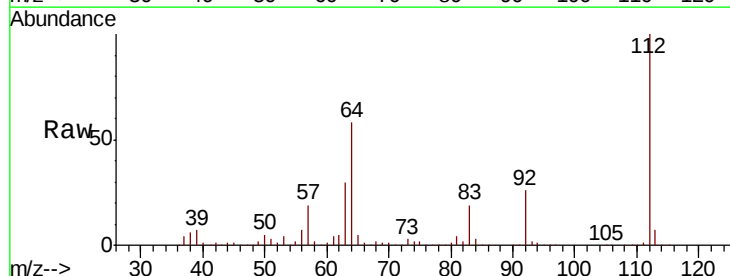
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#5

2-Fluorophenol
Concen: 87.658 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.3	66.5
63	30.5	22.9	34.3





#7

Phenol-d6

Concen: 89.724 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

NM56-COMP-2020-0-6

Tot Ion: 99 Resp: 1446256

Ion Ratio Lower Upper

99 100

42 19.8 15.2 22.8

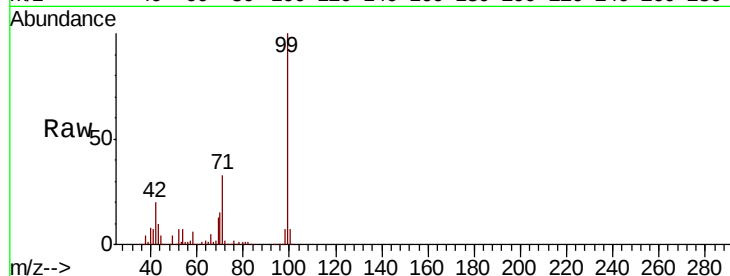
71 33.2 25.6 38.4

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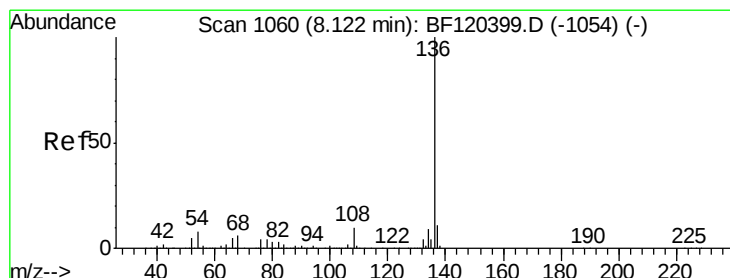
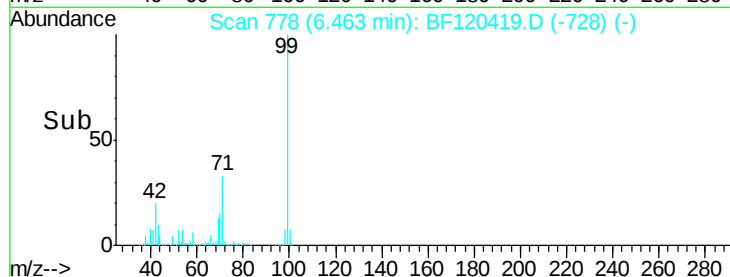
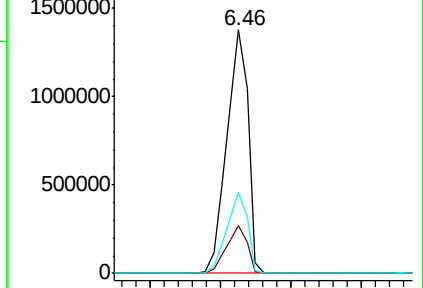
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Tgt Ion: 136 Resp: 882666

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 6.7 10.1

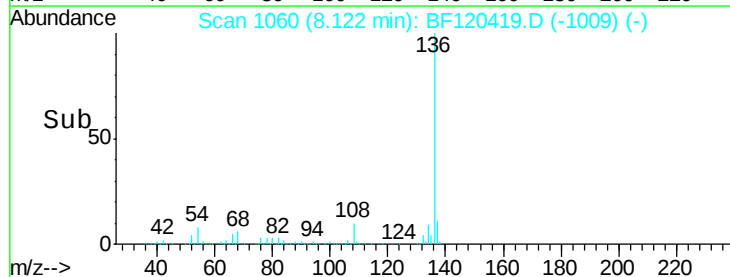
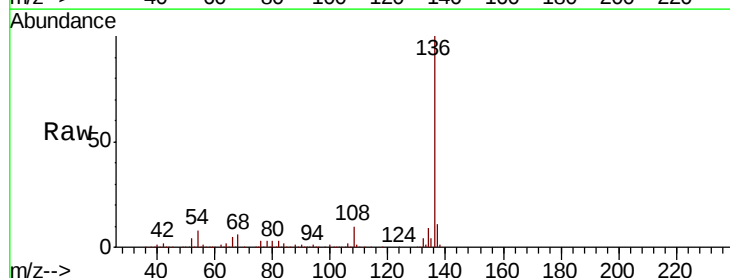
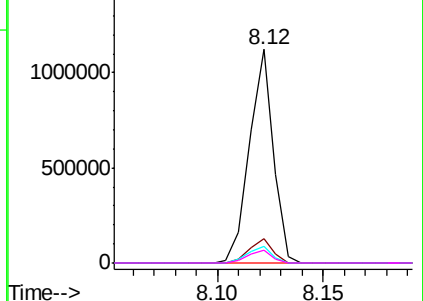
68 6.1 5.0 7.4

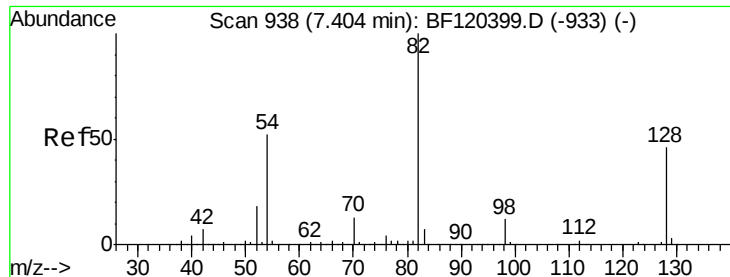
Abundance Ion 136.00 (135.70 to 136.70): E

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





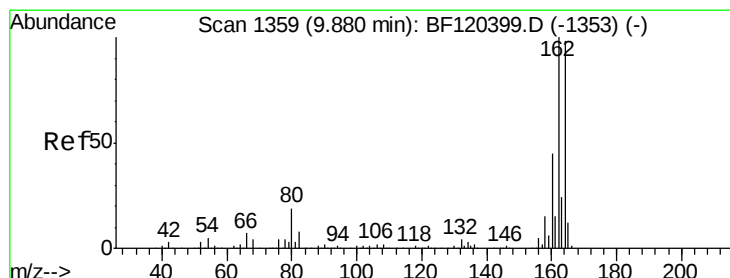
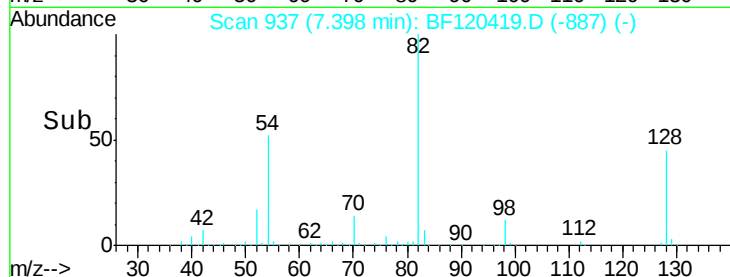
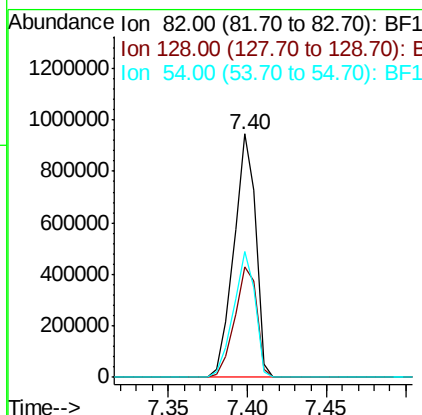
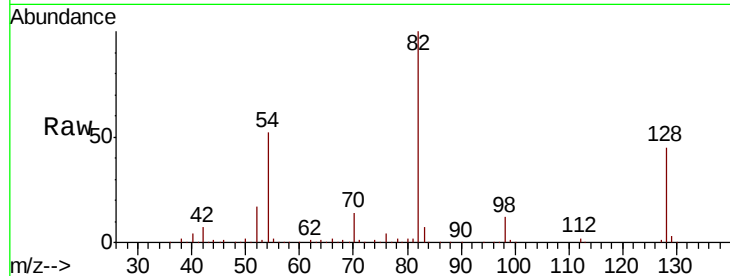
#23
 Nitrobenzene-d5
 Concen: 66.796 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120419.D
 Acq: 28 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 NM56-COMP-2020-0-6

Tot Ion:	82	Resp:	901327
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.8	55.2
54	51.5	41.6	62.4

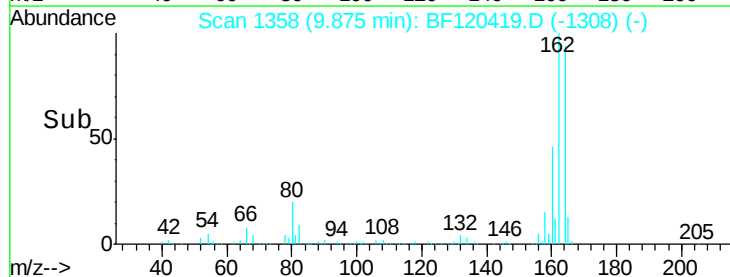
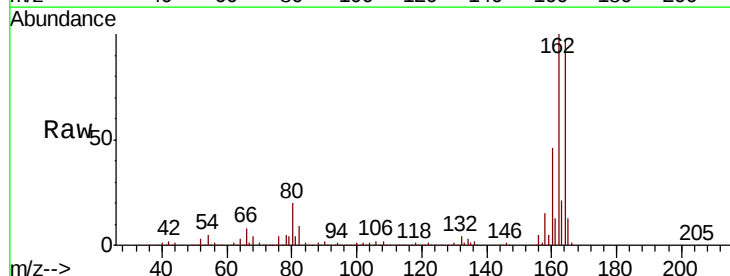
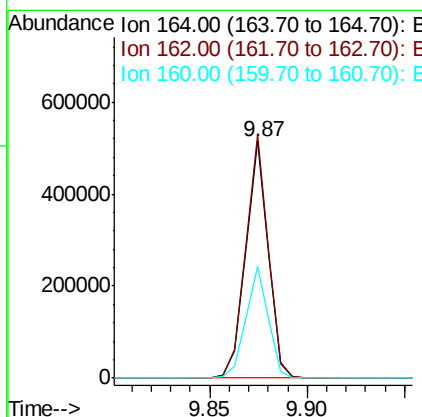
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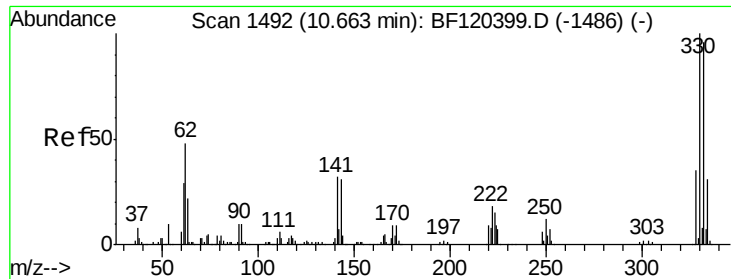
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120419.D
 Acq: 28 May 2020 20:28

Tgt Ion:	164	Resp:	408111
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.3	121.9
160	47.1	36.9	55.3





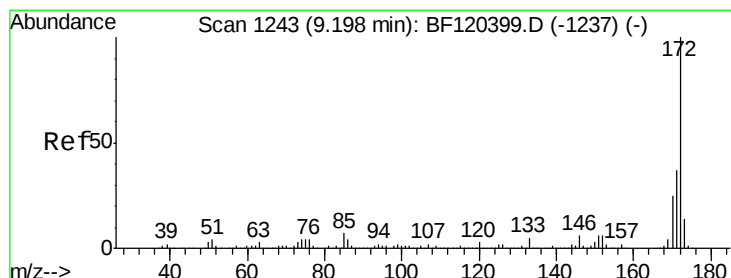
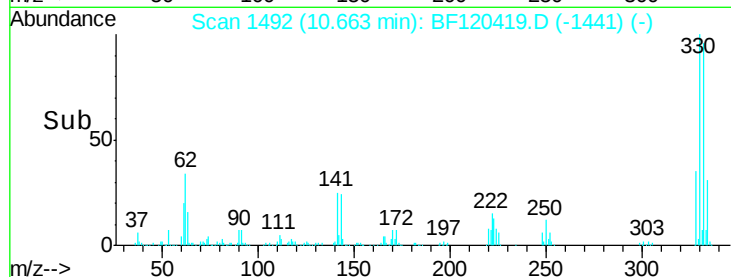
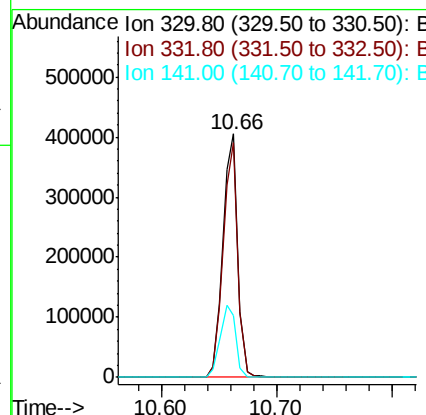
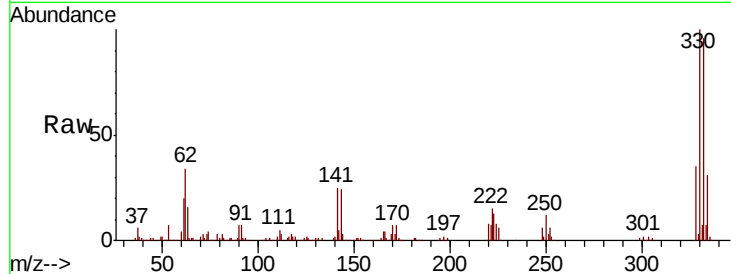
#42
 2,4,6-Tribromophenol
 Concen: 95.760 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120419.D
 Acq: 28 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 NM56-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	362099		
332	94.9	77.0	115.6	
141	30.9	25.3	37.9	

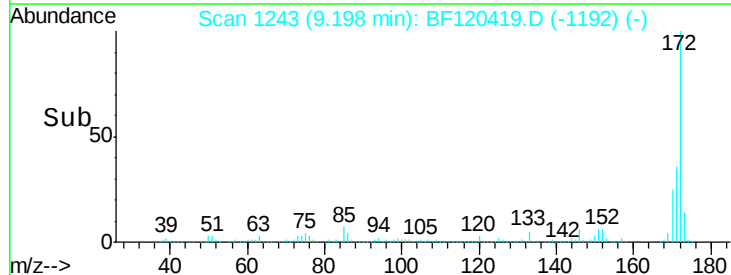
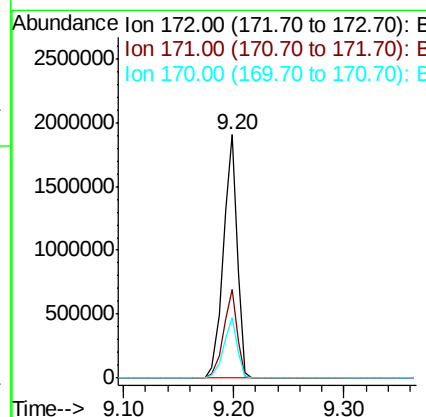
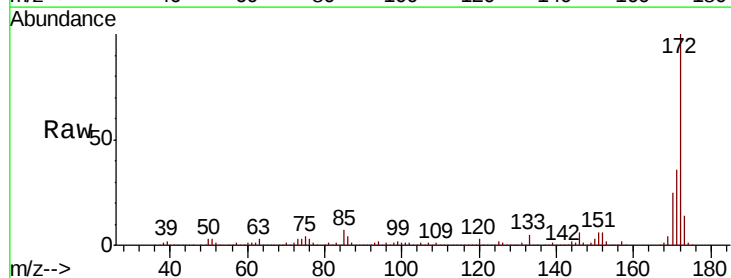
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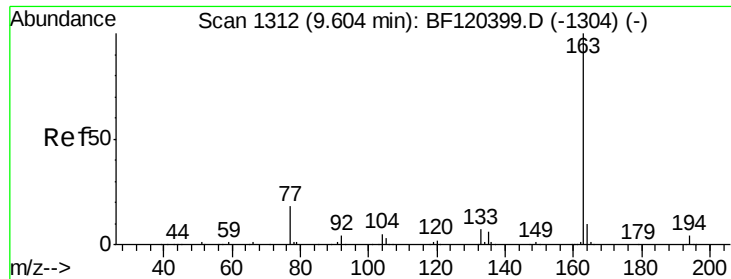
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#45
 2-Fluorobiphenyl
 Concen: 68.726 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120419.D
 Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1653098		
171	36.3	29.7	44.5	
170	24.7	19.9	29.9	





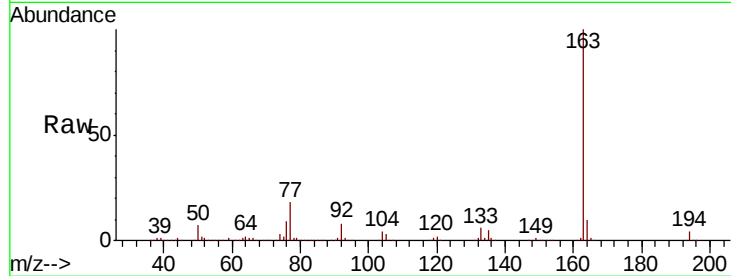
#50
Dimethylphthalate
Concen: 24.371 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

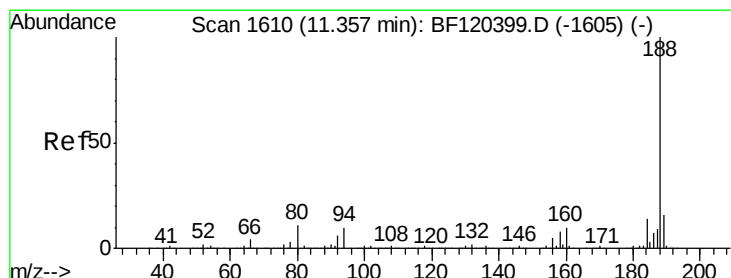
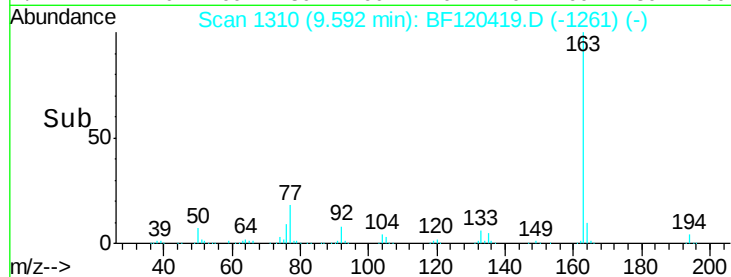
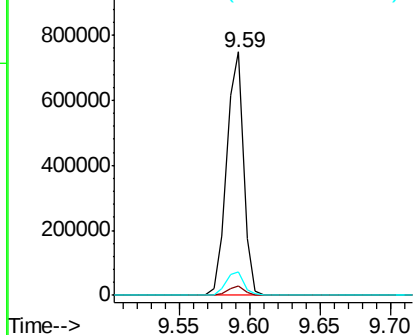
Tot Ion	Ratio	Resp	Lower	Upper
163	100	621794		
194	4.0		3.3	4.9
164	9.9		8.3	12.5

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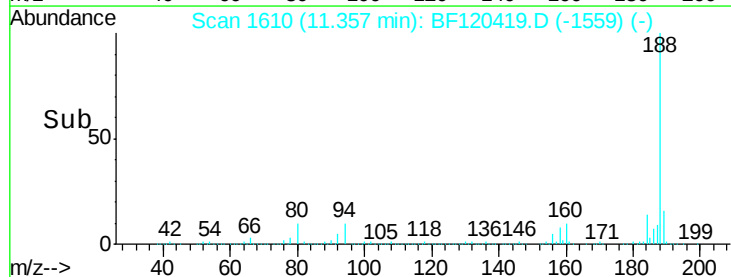
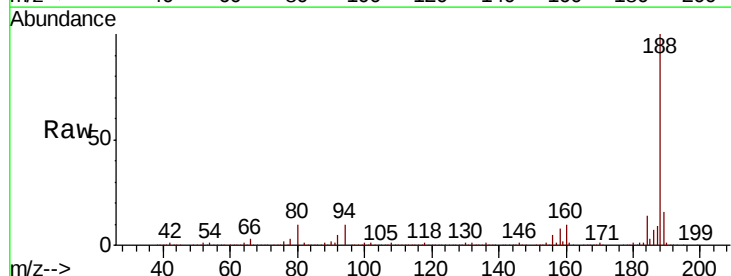
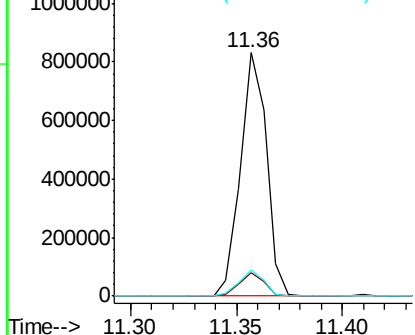
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

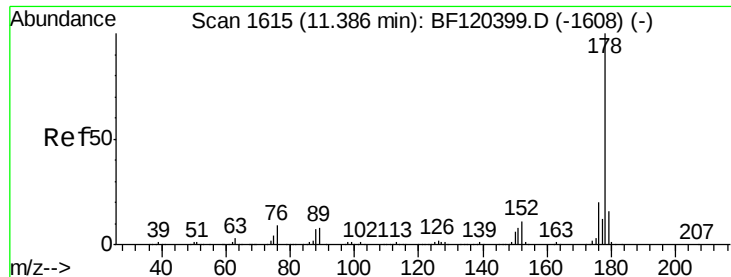


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	708279		
94	9.7		7.9	11.9
80	10.5		8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 7.143 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Instrument :

BNA_F

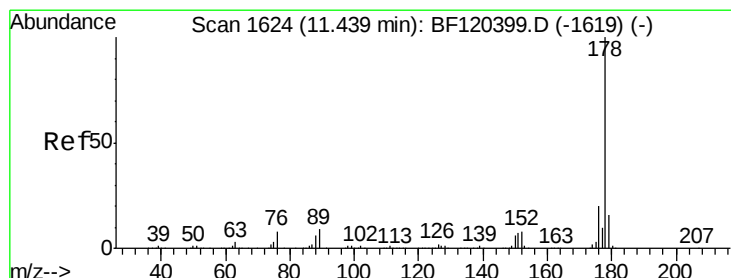
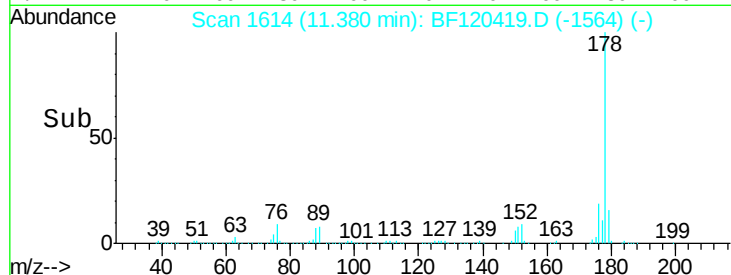
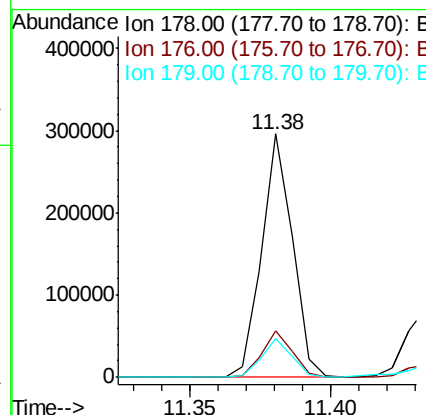
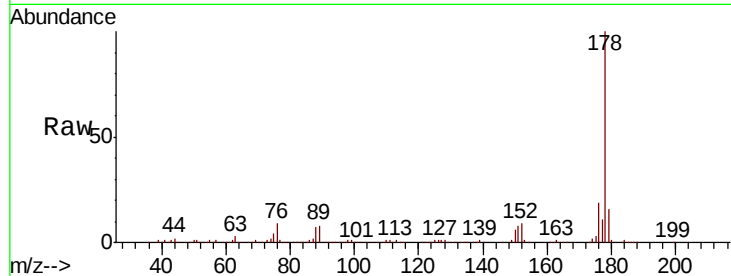
ClientSampleId :

NM56-COMP-2020-0-6

Tot Ion:	178	Resp:	222914
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.4	24.6
179	15.7	13.0	19.4

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#72

Anthracene

Concen: 2.030 ng

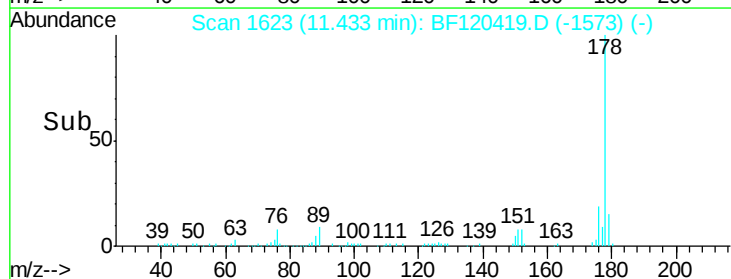
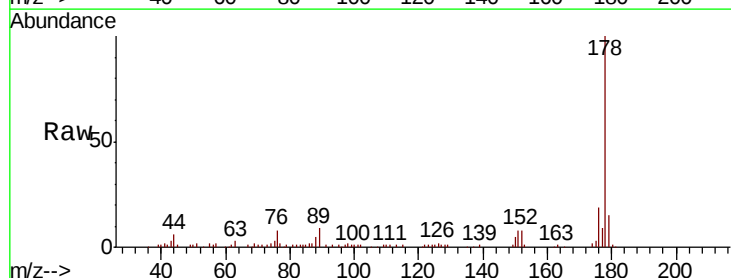
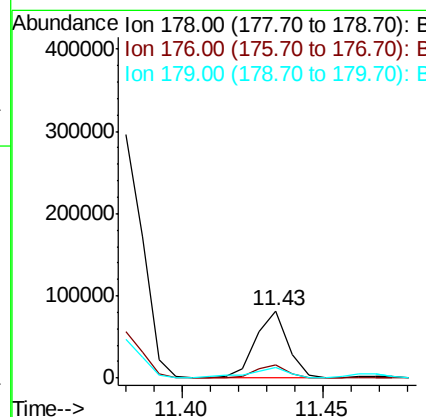
RT: 11.43 min Scan# 1623

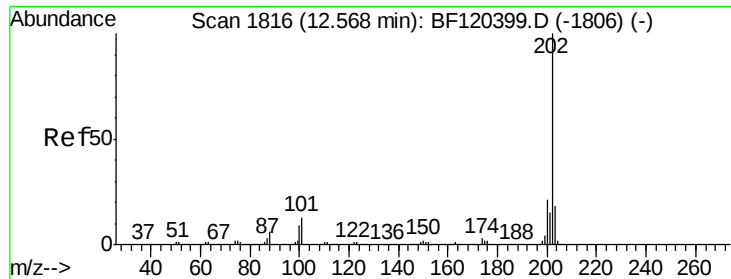
Delta R.T. -0.01 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Tgt Ion:	178	Resp:	63559
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.6
179	15.4	12.8	19.2





#75

Fluoranthene

Concen: 16.581 ng

RT: 12.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Instrument :

BNA_F

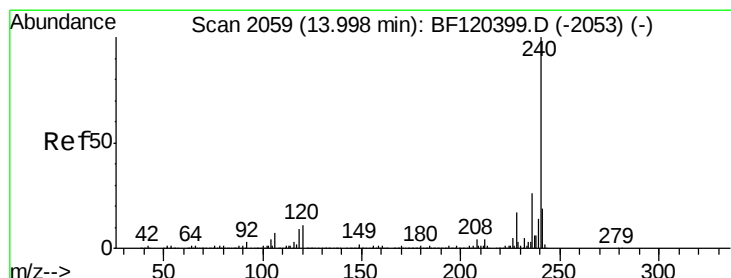
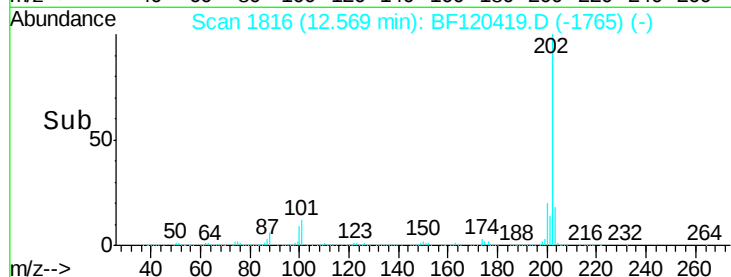
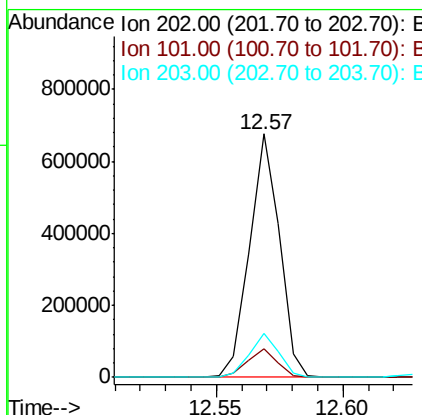
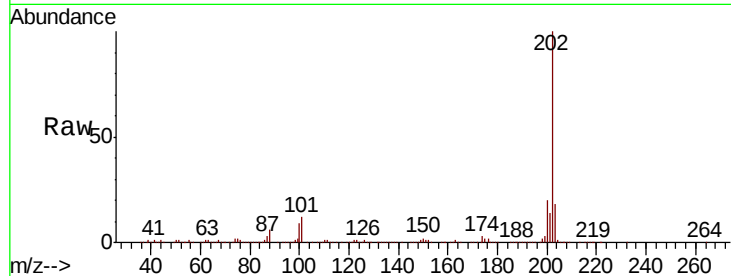
ClientSampleId :

NM56-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	32.6
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

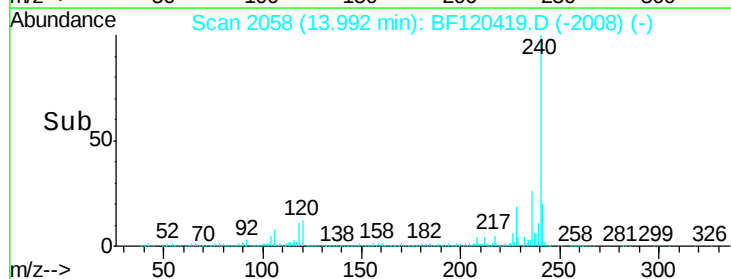
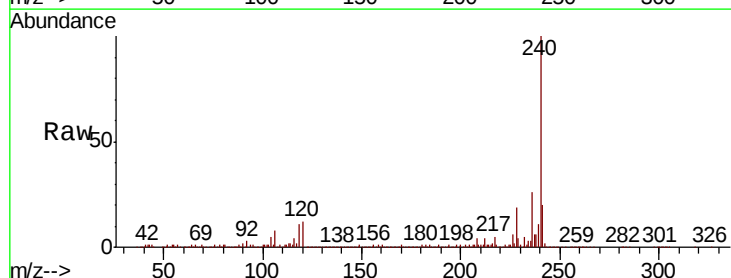
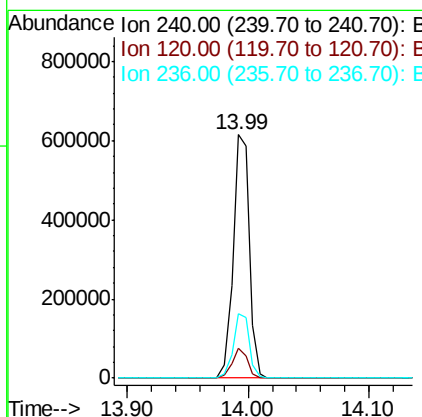
RT: 13.99 min Scan# 2058

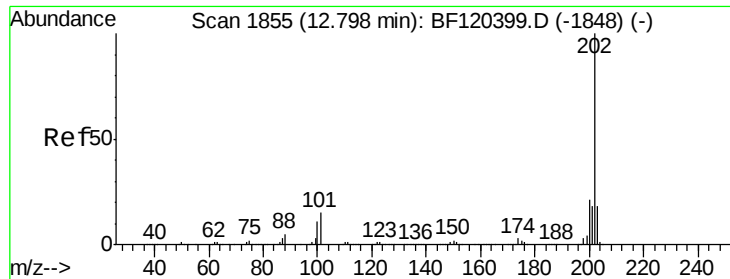
Delta R.T. -0.01 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	8.8	13.2
236	26.4	21.0	31.4





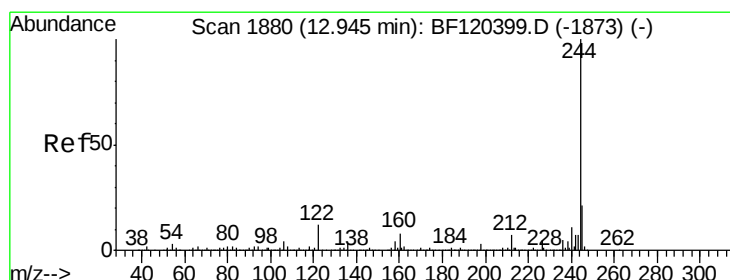
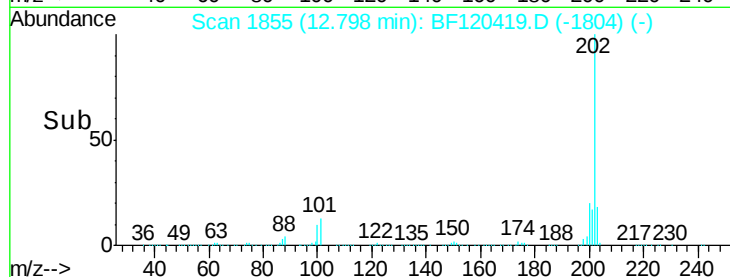
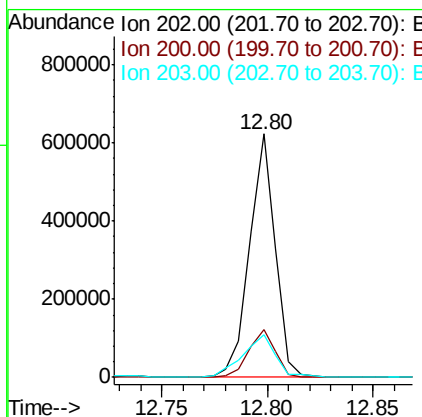
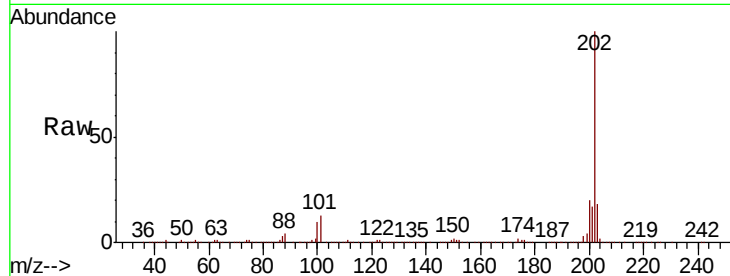
#78
Pvrene
Concen: 13.181 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	17.7	14.7	22.1

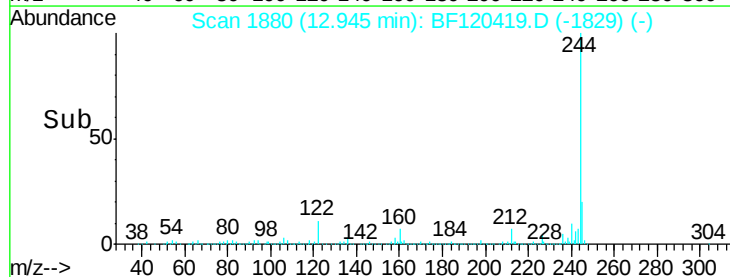
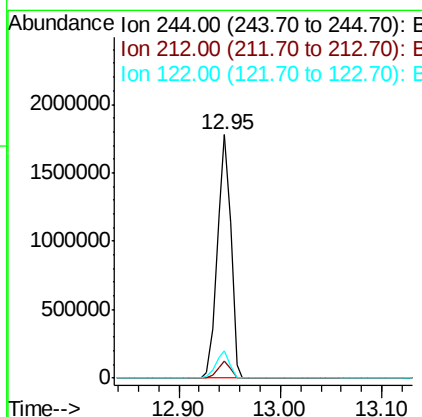
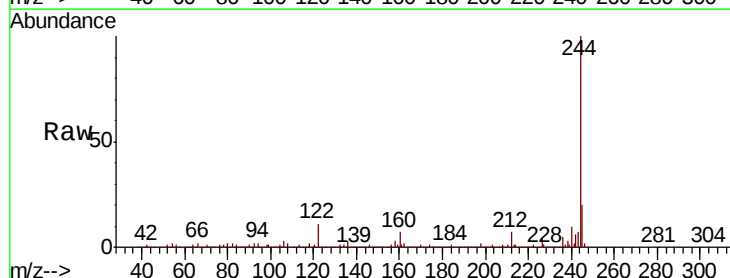
Manual Integrations
APPROVED

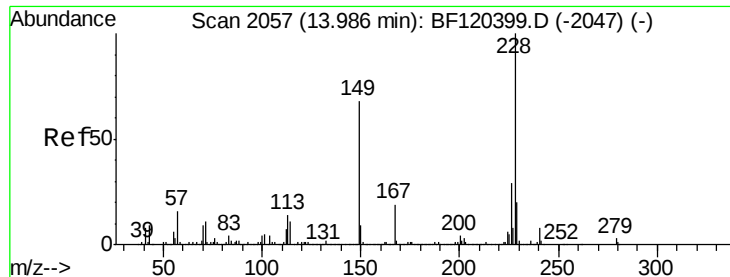
mohammad
5/29/2020 10:28:25 PM



#79
Terphenyl-d14
Concen: 63.371 ng
RT: 12.95 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.3	9.2	13.8





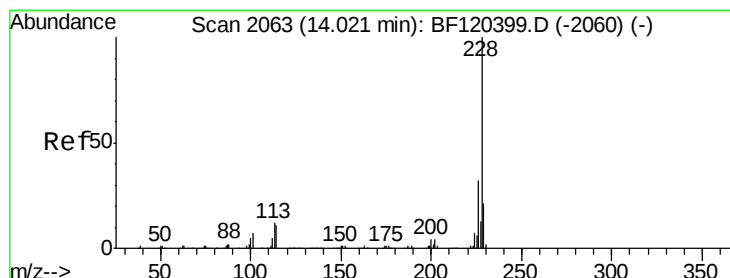
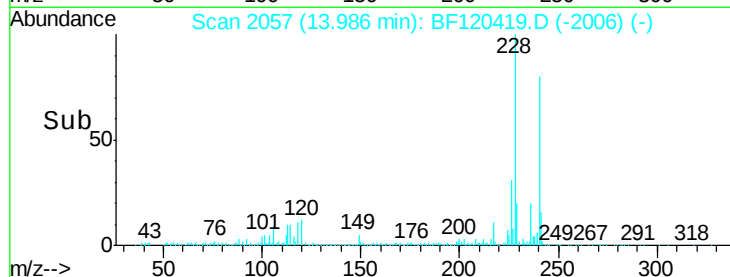
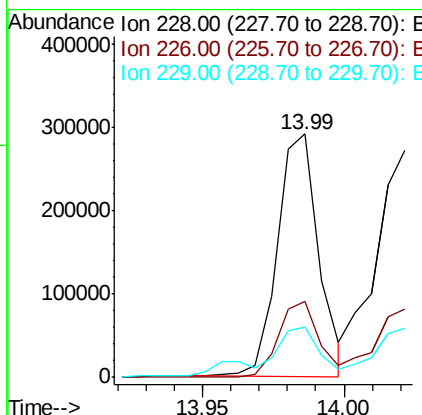
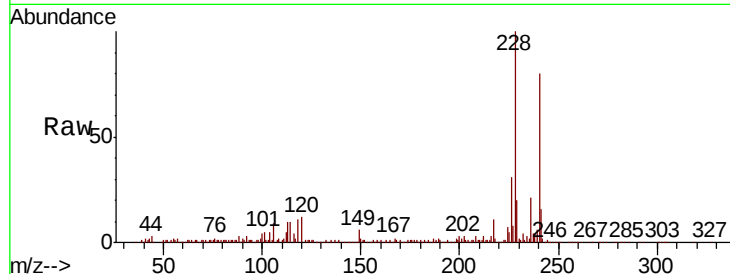
#81
Benzo(a)anthracene
Concen: 9.561 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	20.5	16.2	24.4

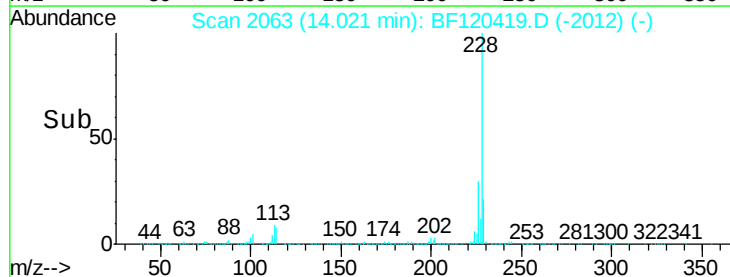
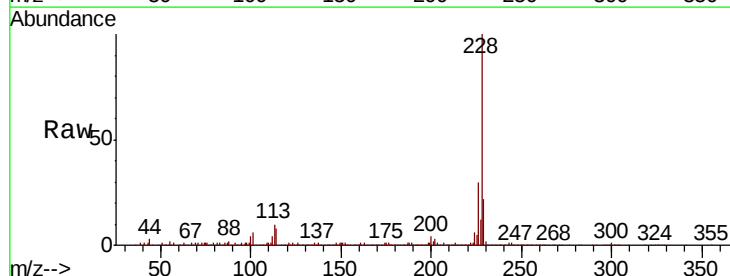
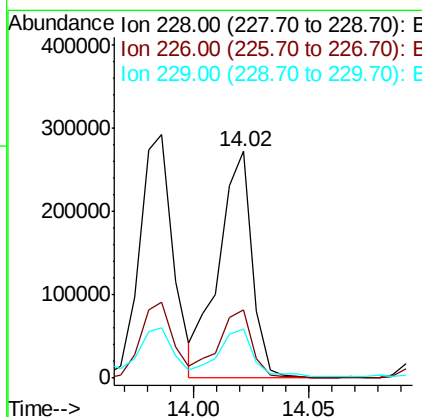
Manual Integrations
APPROVED

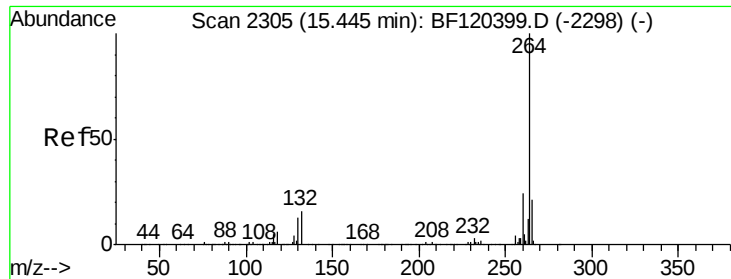
mohammad
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#83
Chrysene
Concen: 8.399 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.6	38.4
229	21.7	16.6	25.0





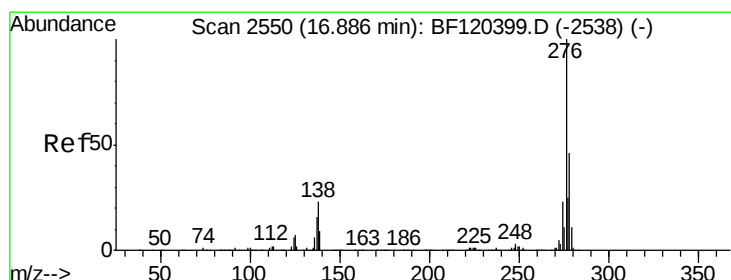
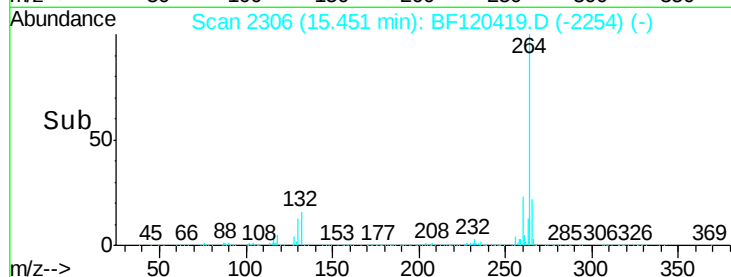
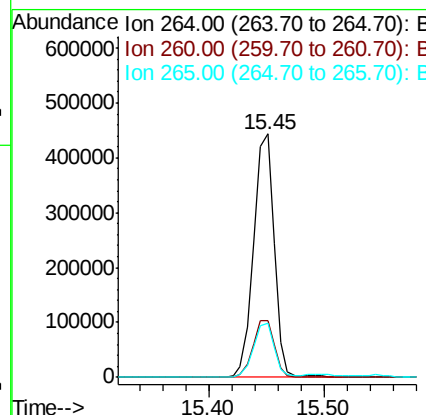
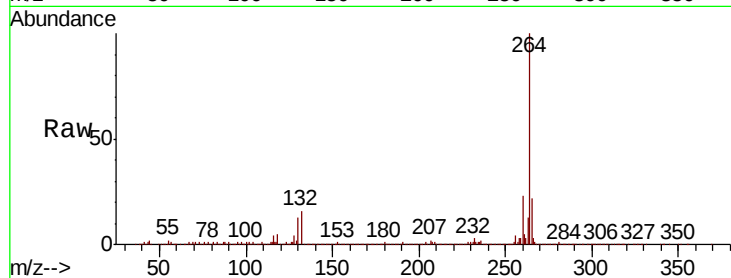
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3

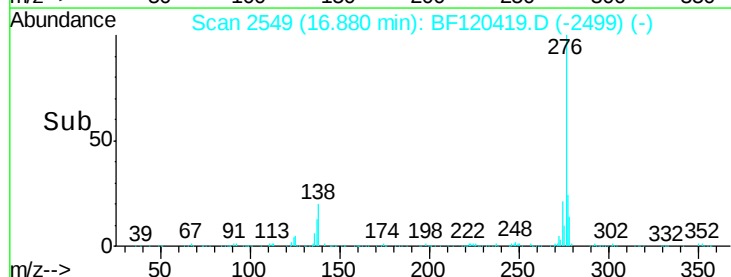
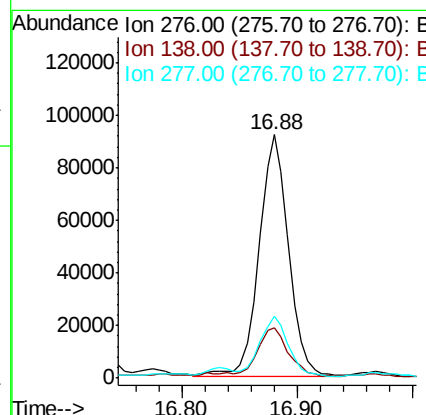
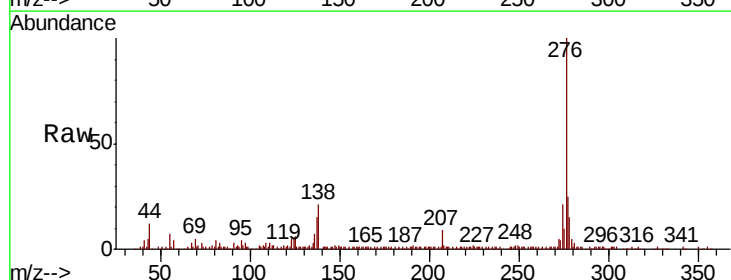
Manual Integrations
APPROVED

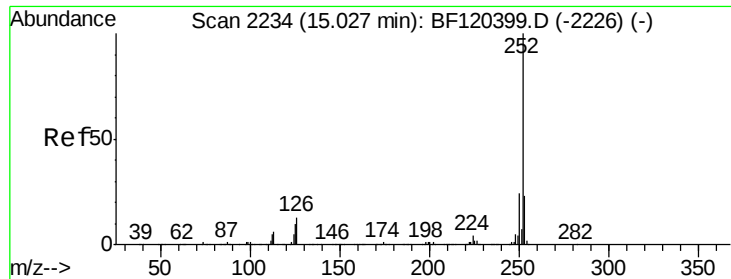
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.396 ng
RT: 16.88 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.4	30.6
277	24.0	20.4	30.6





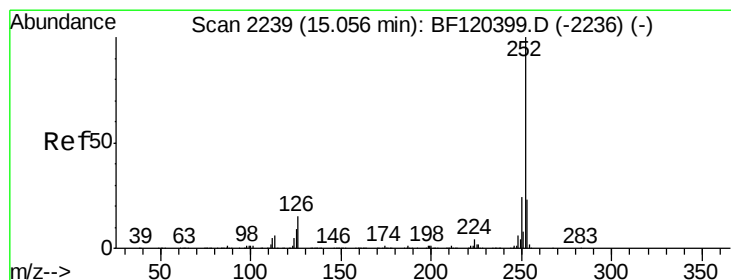
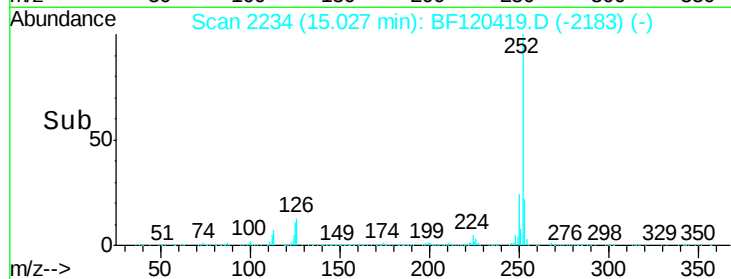
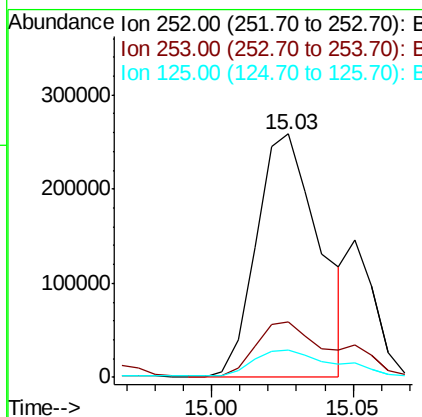
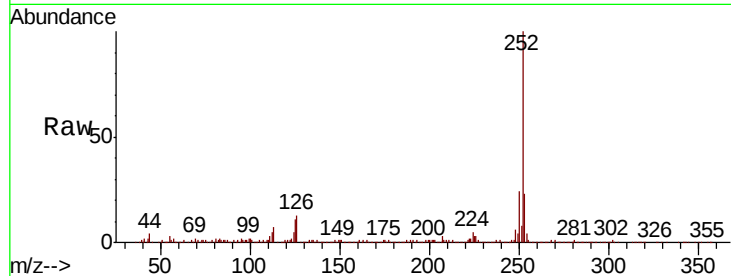
#88
Benzo(b)fluoranthene
Concen: 12.973 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
NM56-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	7.8	11.8

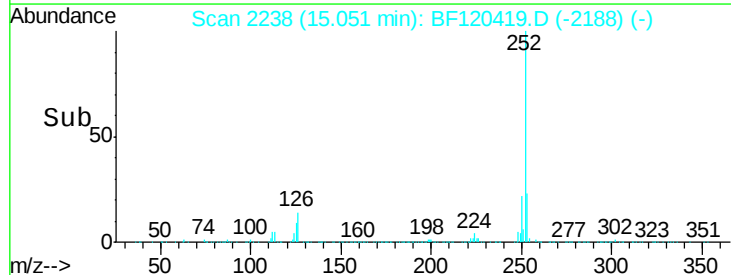
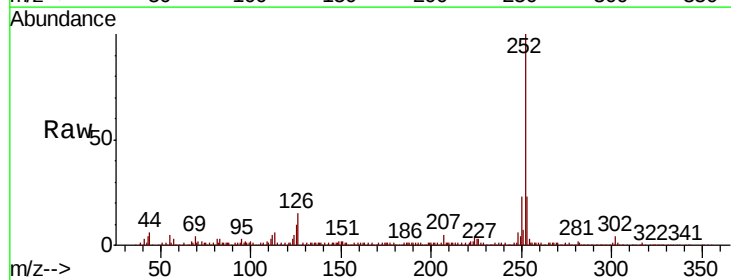
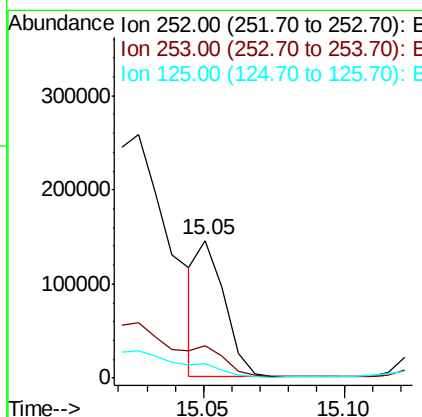
Manual Integrations
APPROVED

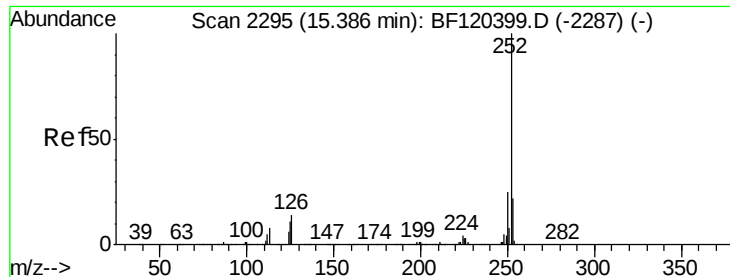
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.333 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120419.D
Acq: 28 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	10.3	8.0	12.0





#90

Benzo(a)pyrene

Concen: 9.705 ng

RT: 15.39 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Instrument :

BNA_F

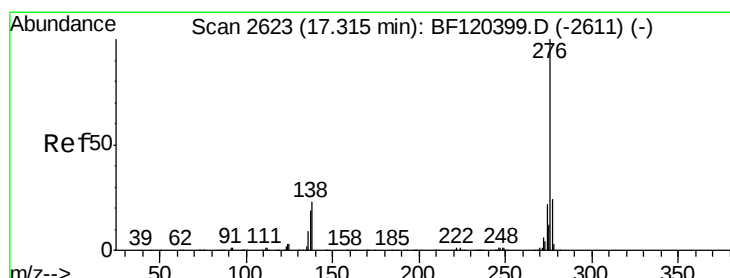
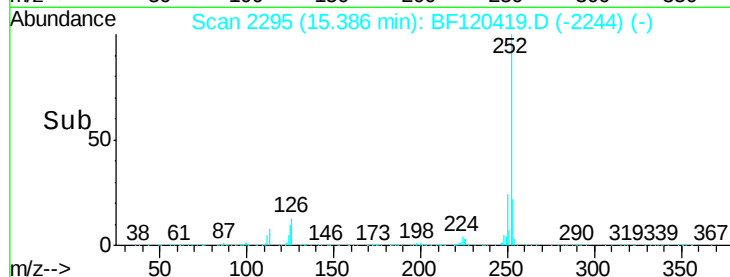
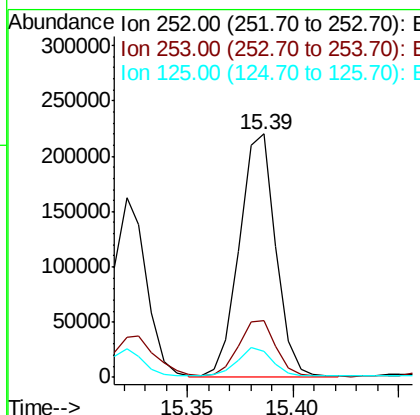
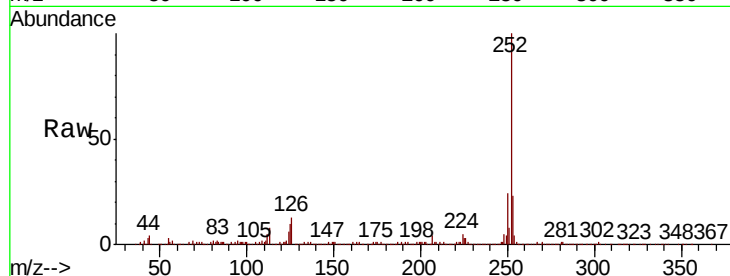
ClientSampleId :

NM56-COMP-2020-0-6

Tot Ion:	252	Resp:	260775
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	10.5	8.7	13.1

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 6.226 ng

RT: 17.32 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF120419.D

Acq: 28 May 2020 20:28

Tgt Ion:	276	Resp:	151442
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.5	29.3
138	20.3	18.1	27.1

