

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120414.D
 Acq On : 28 May 2020 18:04
 Operator : MA/SJ
 Sample : L2745-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM68-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 06:05:04 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	245276	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	864480	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	403133	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	668758	20.00	ng	0.00
76) Chrysene-d12	13.99	240	544456	20.00	ng	0.00
86) Perylene-d12	15.44	264	572397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1192530	92.66	ng	0.00
7) Phenol-d6	6.46	99	1488760	93.85	ng	0.00
23) Nitrobenzene-d5	7.40	82	999874	75.66	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	371598	99.49	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1789810	75.33	ng	0.00
79) Terphenyl-d14	12.94	244	1686037	68.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	277319	11.004	ng	100
71) Phenanthrene	11.38	178	145142	4.925	ng	99
75) Fluoranthene	12.57	202	321403	10.137	ng	97
78) Pyrene	12.80	202	311575	8.229	ng	98
81) Benzo(a)anthracene	13.98	228	183639	6.293	ng	96
83) Chrysene	14.02	228	169677	5.547	ng	96
88) Benzo(b)fluoranthene	15.02	252	243804m	7.669	ng	
89) Benzo(k)fluoranthene	15.04	252	76295m	2.571	ng	
90) Benzo(a)pyrene	15.38	252	175607	6.315	ng	99
92) Benzo(g,h,i)perylene	17.31	276	97142	3.859	ng	98

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

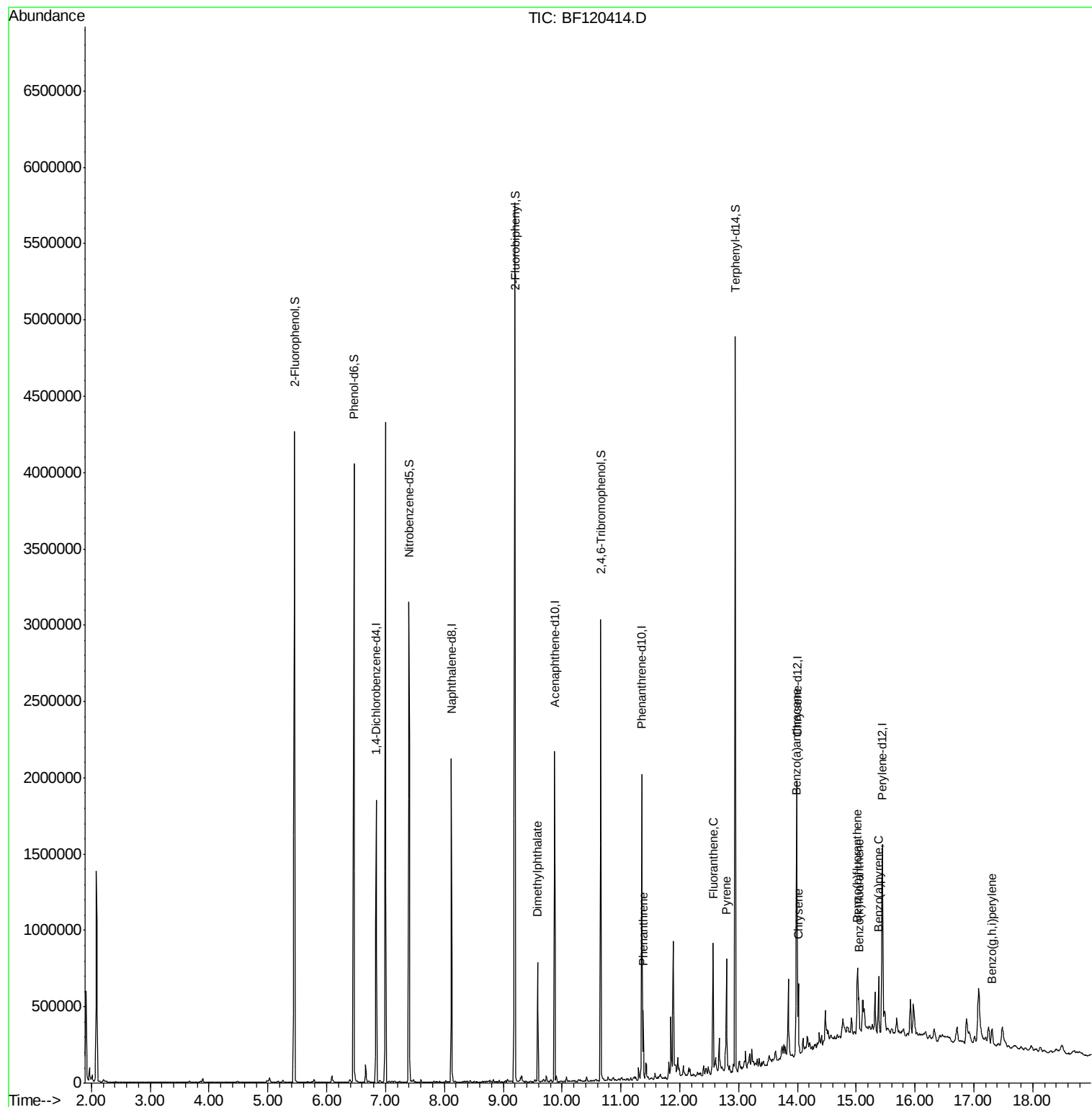
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120414.D
Acq On : 28 May 2020 18:04
Operator : MA/SJ
Sample : L2745-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

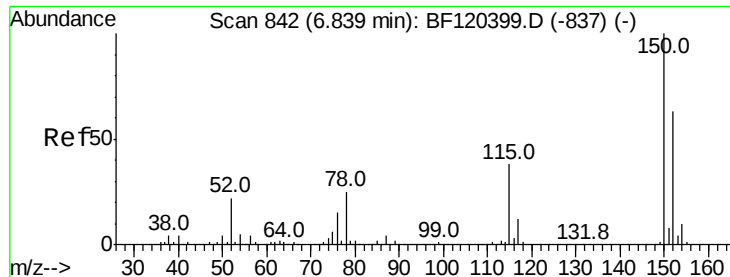
Instrument :
BNA_F
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NM68-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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#1

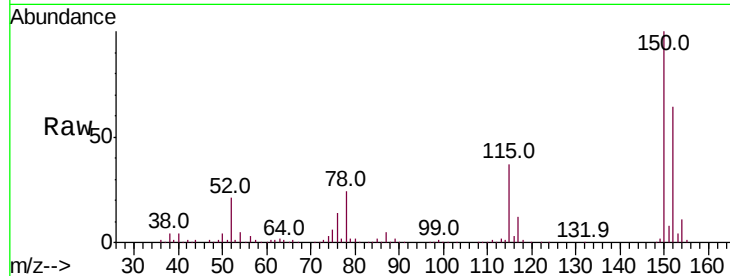
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
BNA_F
ClientSampleId :
NM68-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.5	189.7
115	58.0	47.6	71.4

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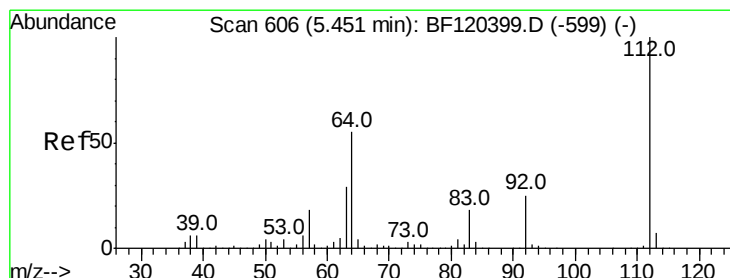
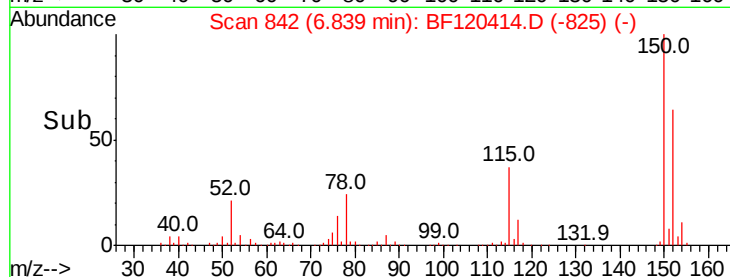
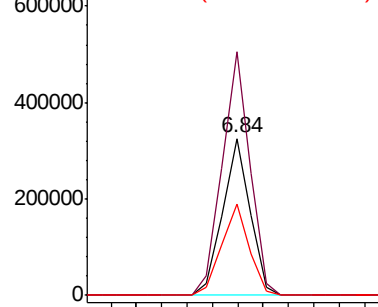


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

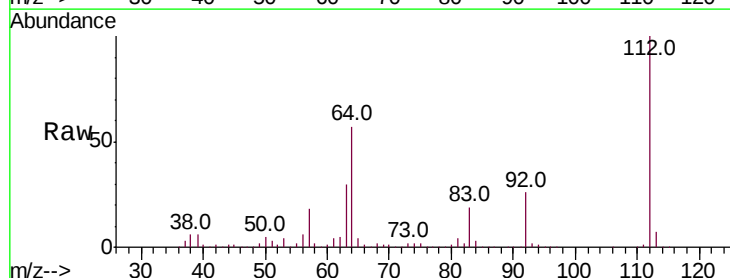
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.657 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.3	66.5
63	29.6	22.9	34.3

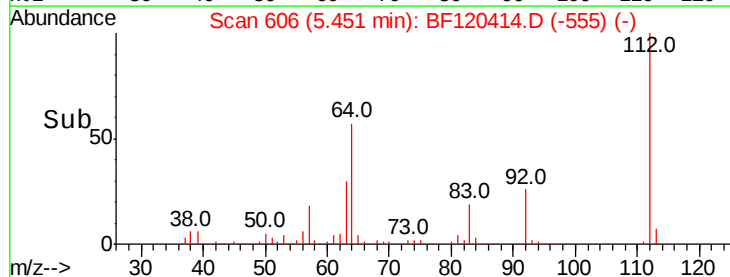
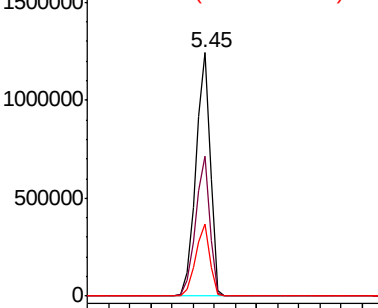


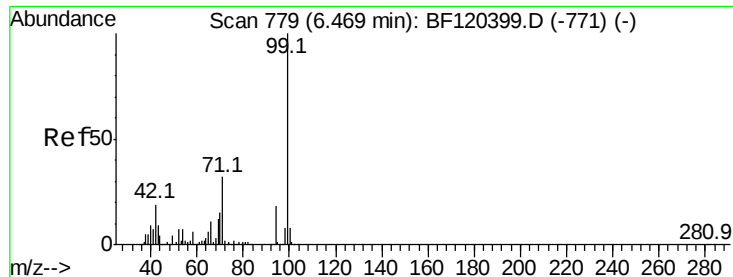
Abundance

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: 93.848 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Instrument :

BNA_F

ClientSampleId :

NM68-COMP-2020-0-6

Tot Ion: 99 Resp: 1488760

Ion Ratio Lower Upper

99 100

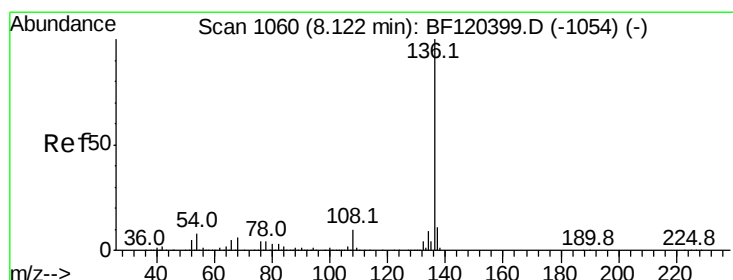
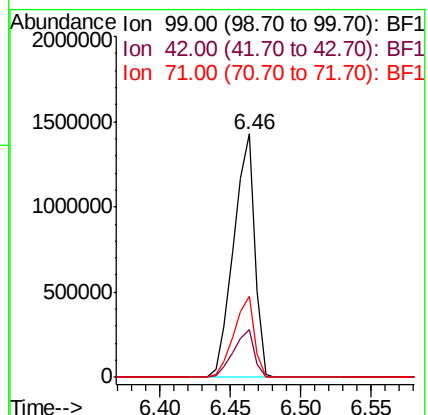
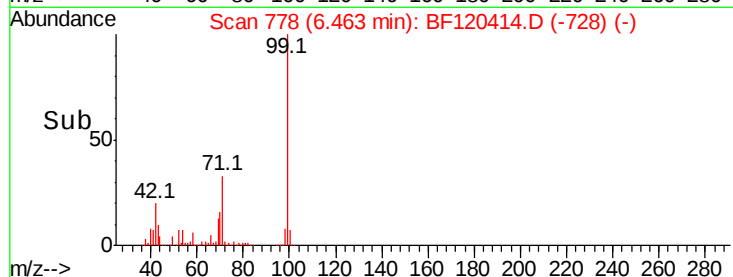
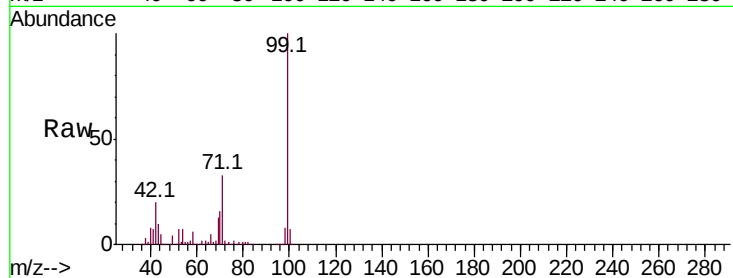
42 19.6 15.2 22.8

71 33.4 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Tgt Ion: 136 Resp: 864480

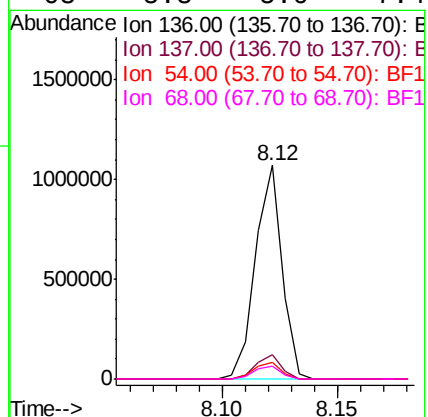
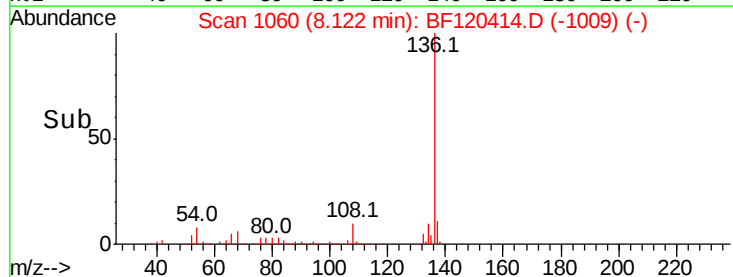
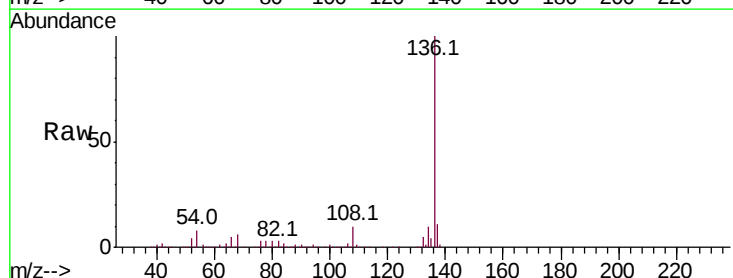
Ion Ratio Lower Upper

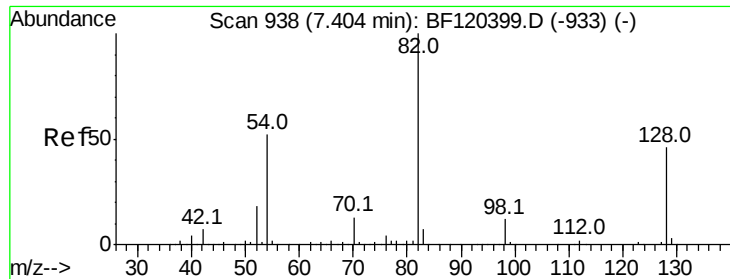
136 100

137 11.2 9.1 13.7

54 7.6 6.7 10.1

68 5.8 5.0 7.4





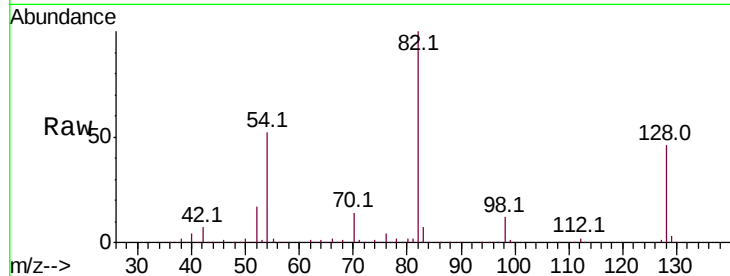
#23
Nitrobenzene-d5
Concen: 75.658 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
BNA_F
ClientSampleId :
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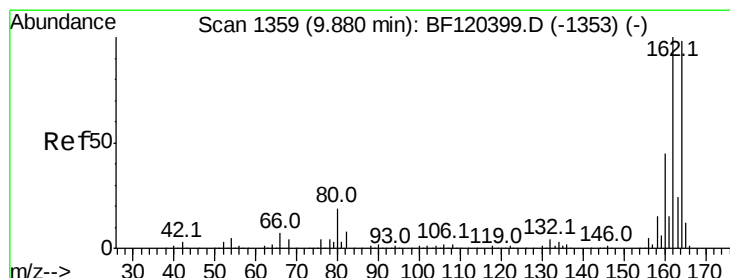
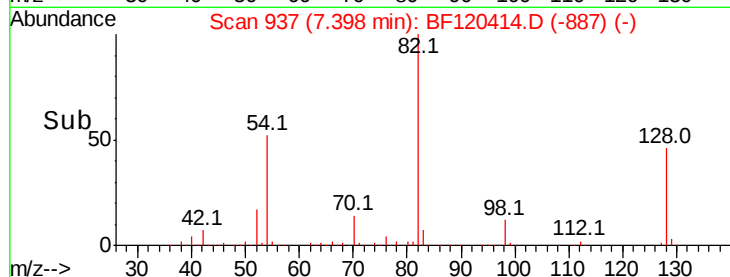
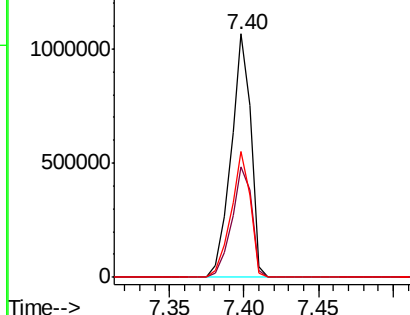
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.8	55.2
54	51.9	41.6	62.4

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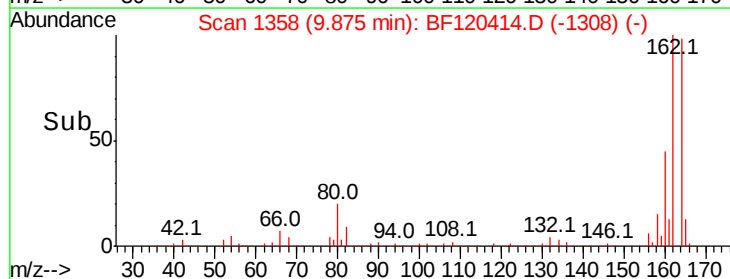
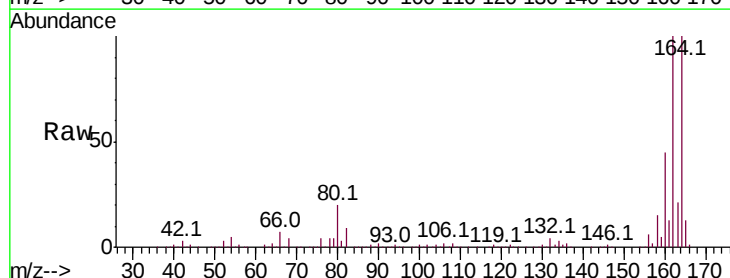
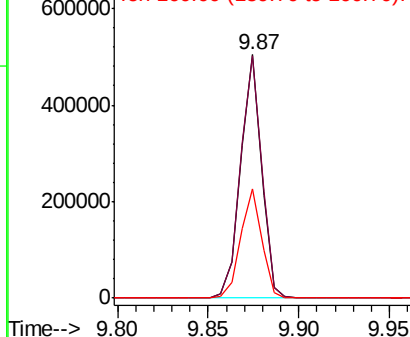
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

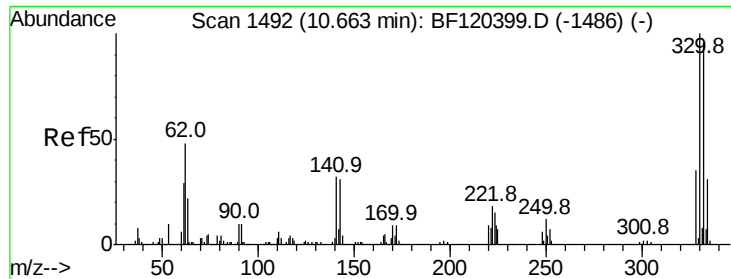


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.3	121.9
160	45.0	36.9	55.3

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





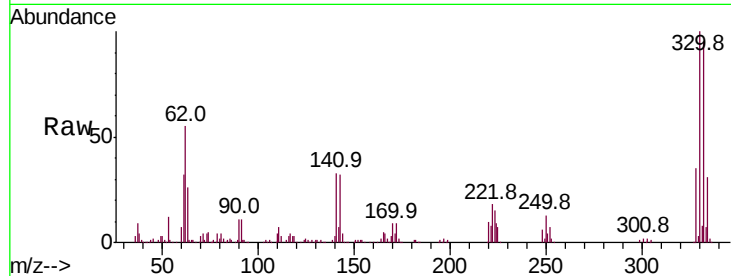
#42
 2,4,6-Tribromophenol
 Concen: 99.485 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120414.D
 Acq: 28 May 2020 18:04

Instrument :
 BNA_F
 ClientSampleId :
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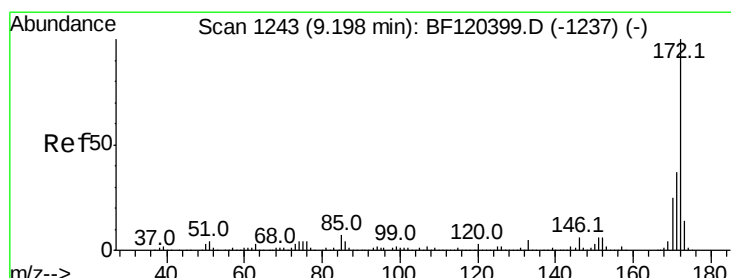
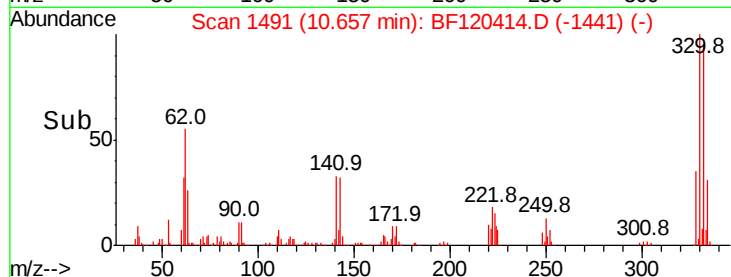
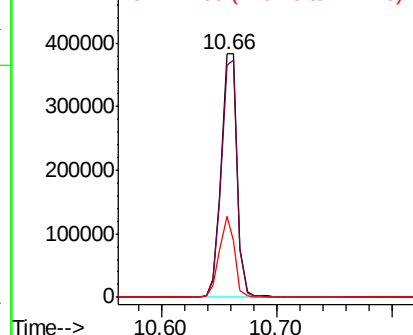
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	31.2	25.3	37.9	

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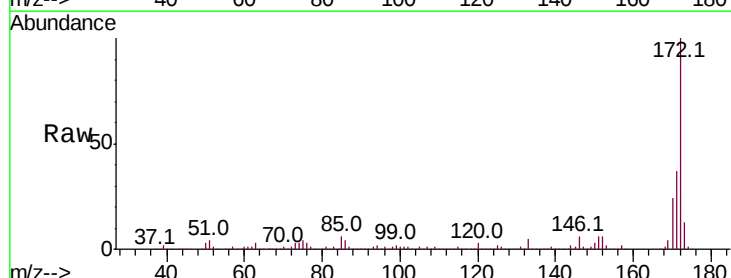


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

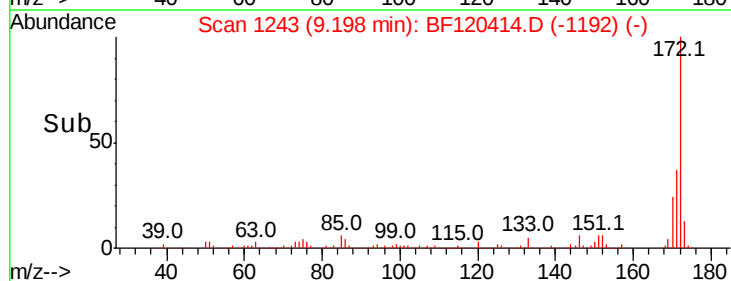
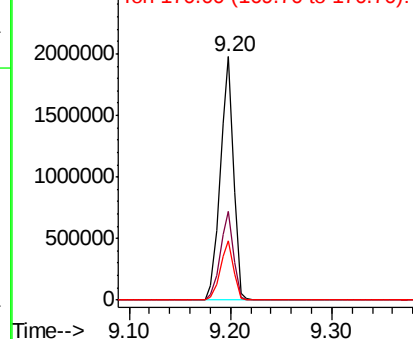


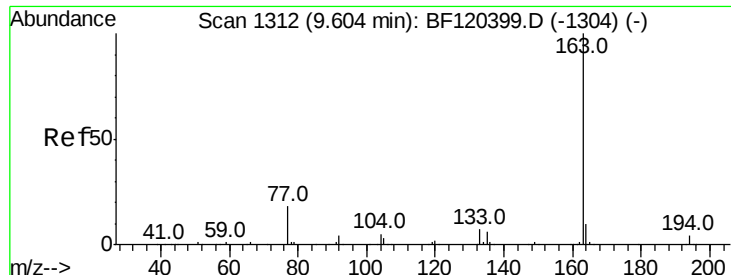
#45
 2-Fluorobiphenyl
 Concen: 75.329 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120414.D
 Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	24.3	19.9	29.9	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.004 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Instrument :

BNA_F

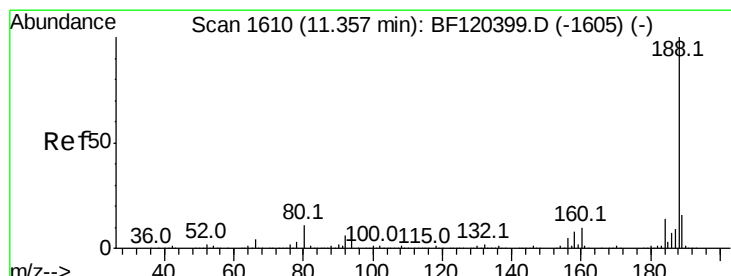
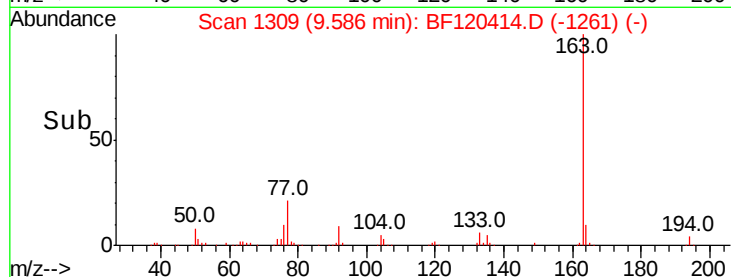
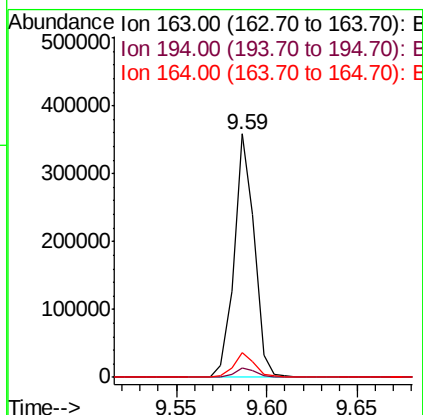
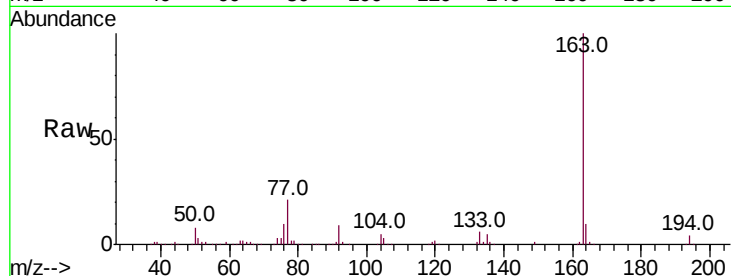
ClientSampleId :

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Tot Ion:	163	Resp:	277319
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.3	4.9
164	10.4	8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

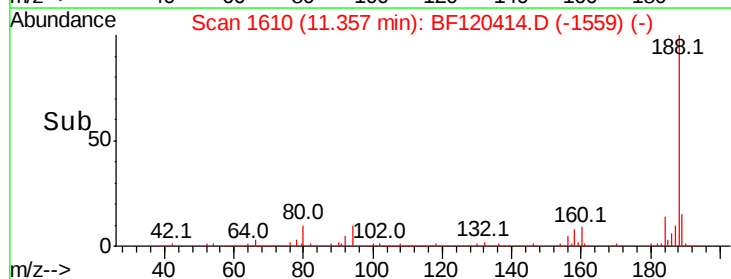
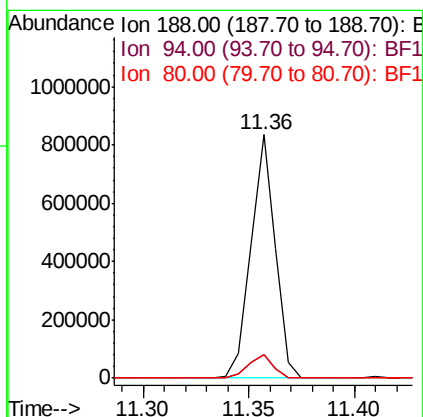
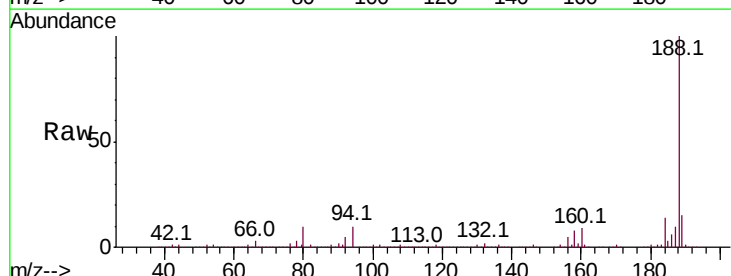
RT: 11.36 min Scan# 1610

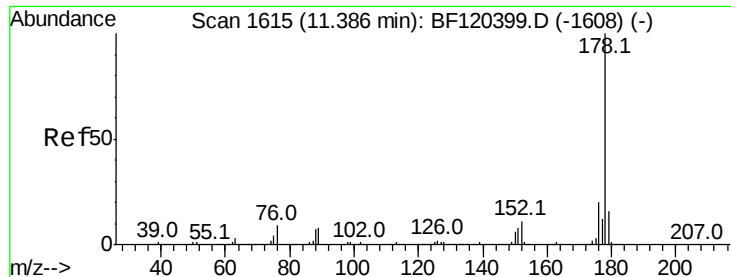
Delta R.T. 0.00 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Tgt Ion:	188	Resp:	668758
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.9	11.9
80	9.8	8.6	13.0





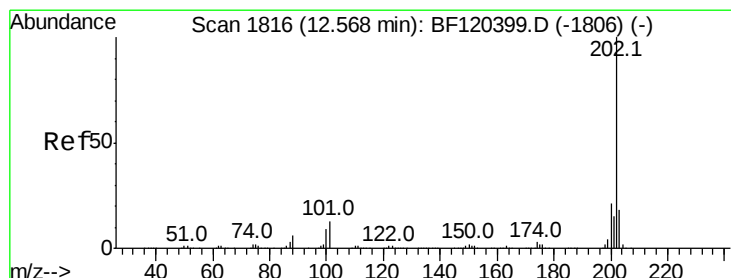
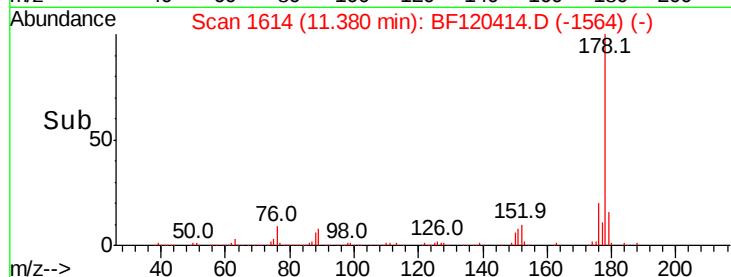
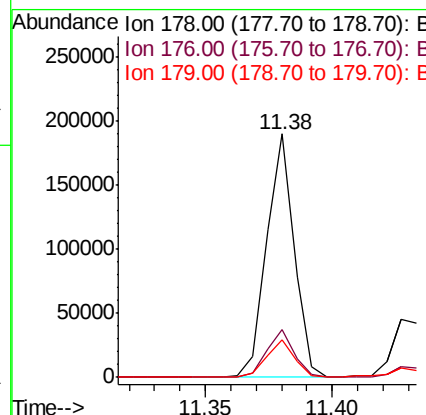
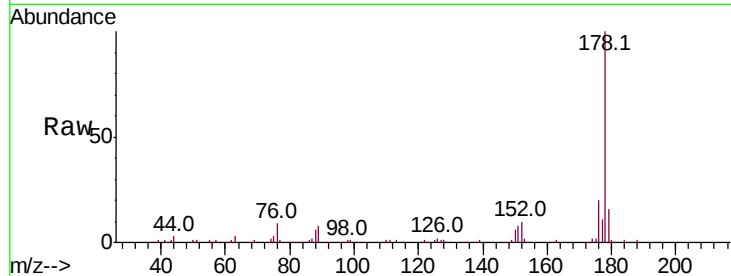
#71
Phenanthrene
Concen: 4.925 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.6	13.0	19.4

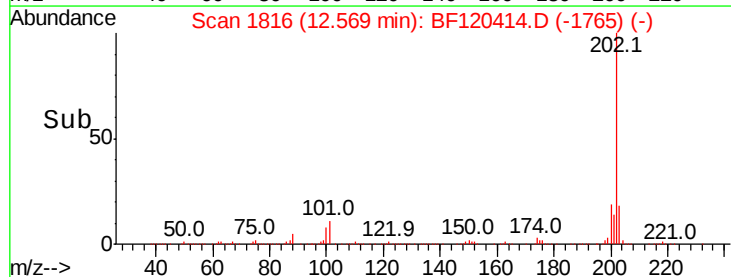
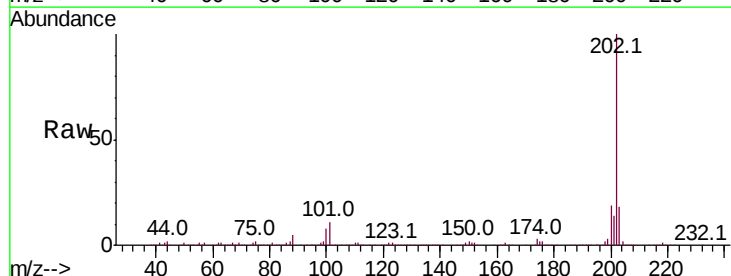
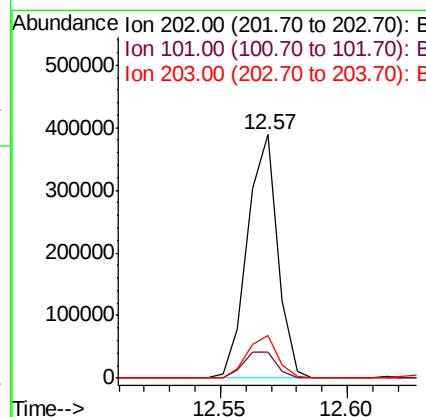
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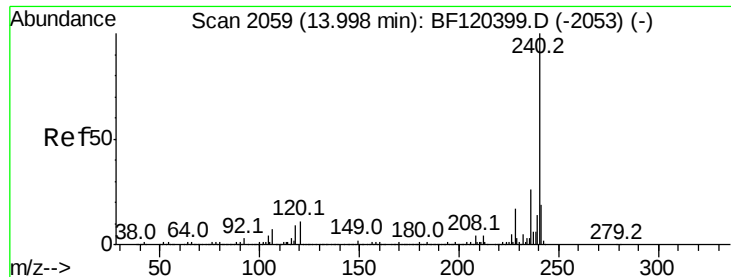
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#75
Fluoranthene
Concen: 10.137 ng
RT: 12.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.6
203	17.7	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Instrument :

BNA_F

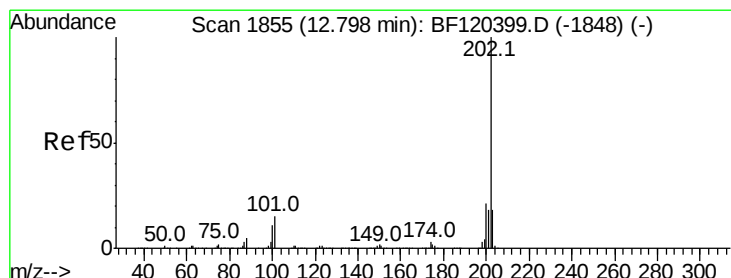
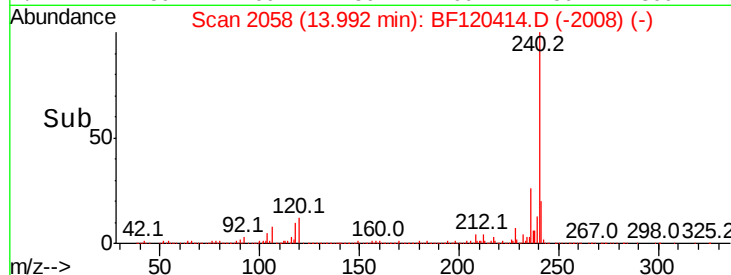
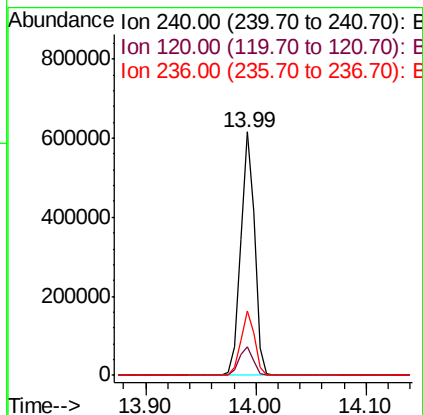
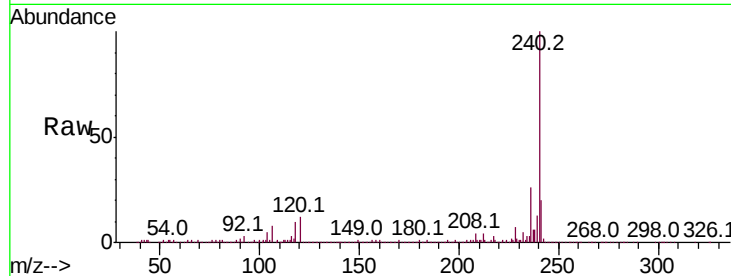
ClientSampleId :

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Tot Ion:	240	Resp:	544456
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.8	13.2
236	26.4	21.0	31.4

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#78

Pyrene

Concen: 8.229 ng

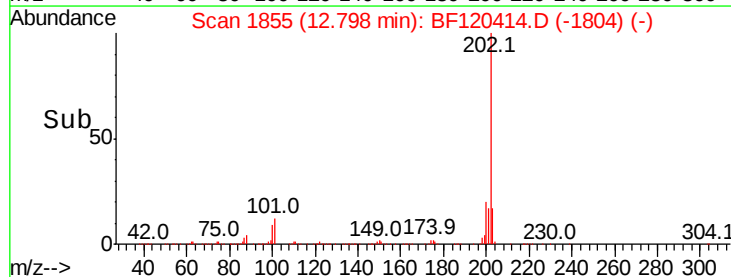
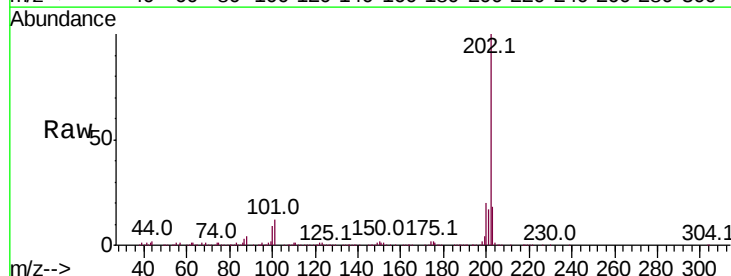
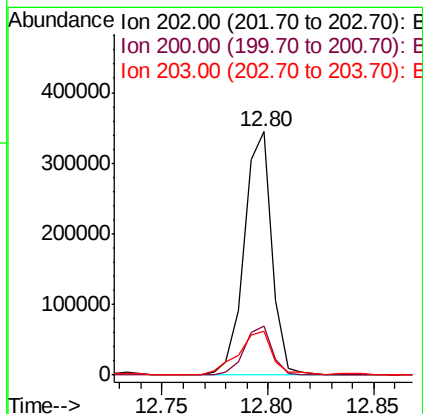
RT: 12.80 min Scan# 1855

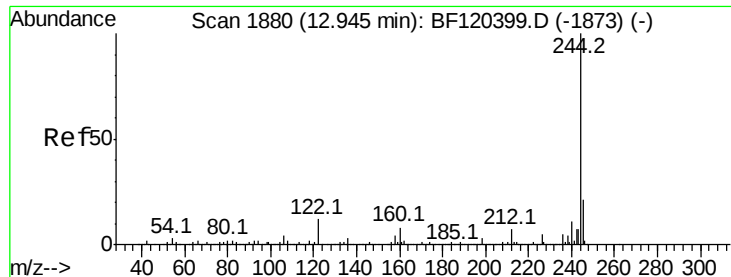
Delta R.T. 0.00 min

Lab File: BF120414.D

Acq: 28 May 2020 18:04

Tgt Ion:	202	Resp:	311575
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.0	25.4
203	17.8	14.7	22.1





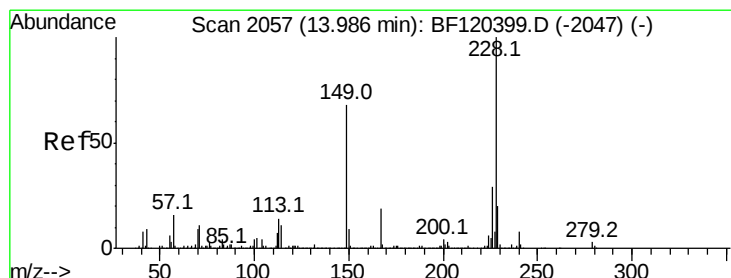
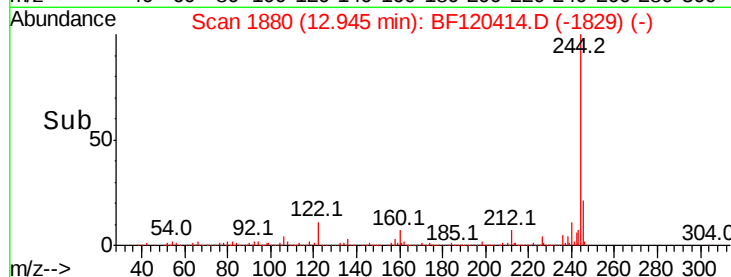
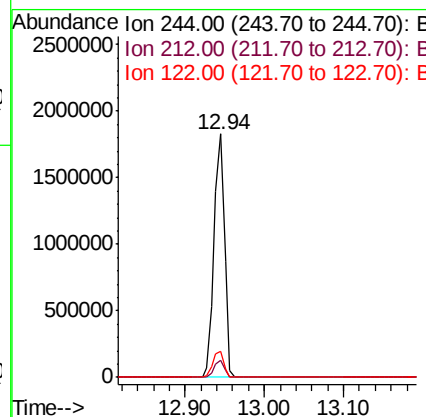
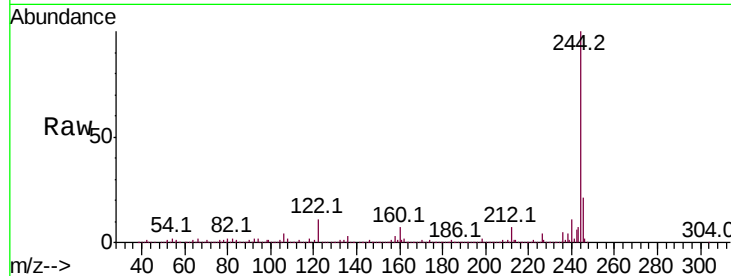
#79
 Terphenyl-d14
 Concen: 68.910 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120414.D
 Acq: 28 May 2020 18:04

Instrument :
 BNA_F
 ClientSampleId :
 NM68-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.9	9.2	13.8

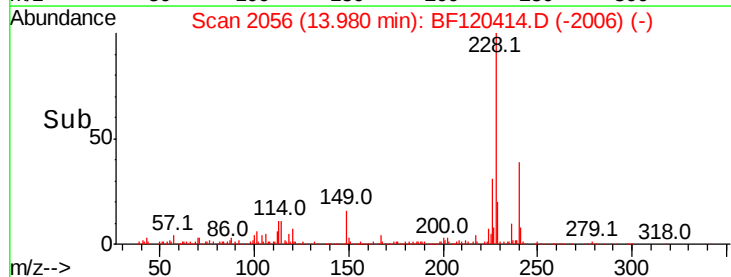
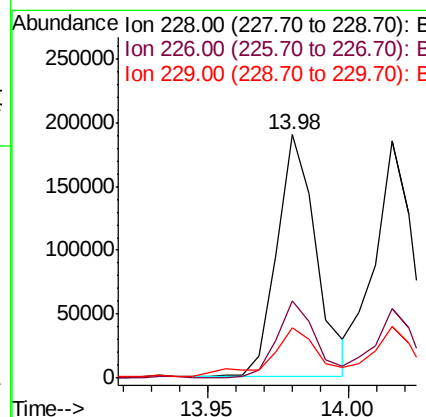
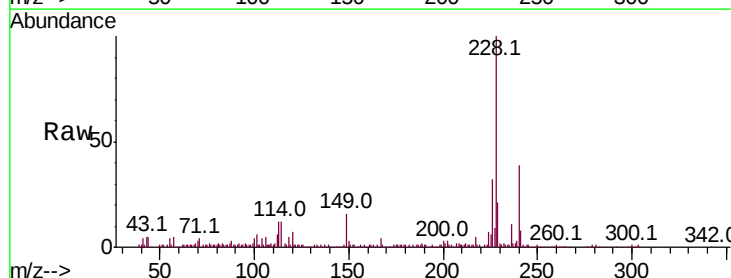
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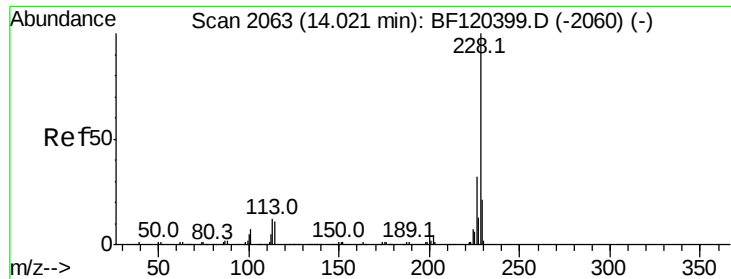
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.293 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120414.D
 Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.4
229	20.9	16.2	24.4





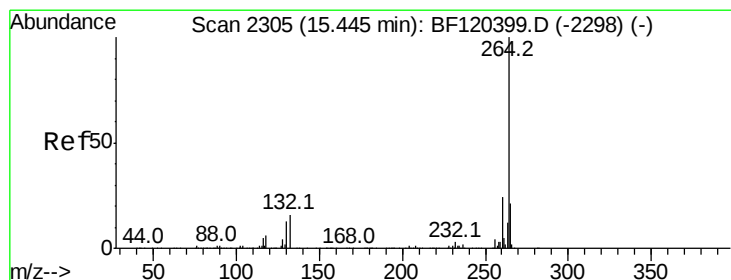
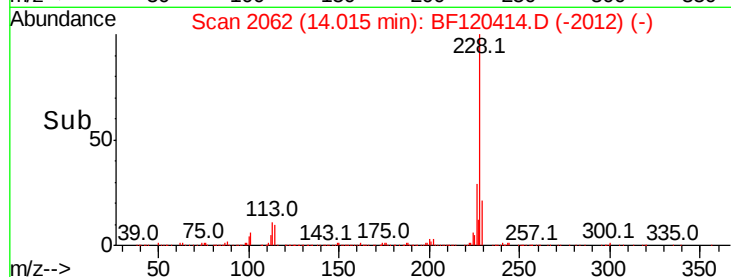
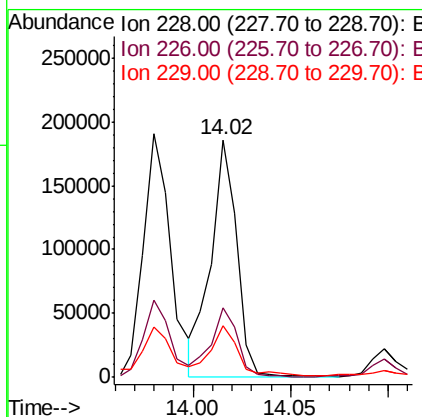
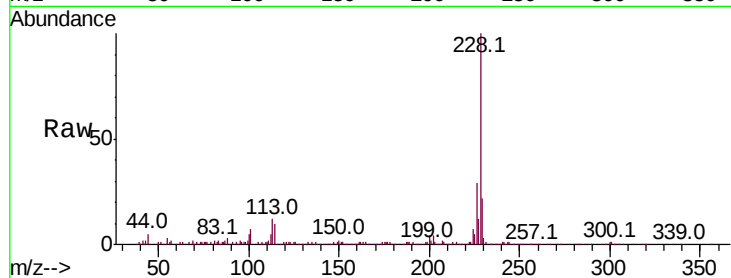
#83
Chrysene
Concen: 5.547 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
BNA_F
ClientSampleId :
NM68-COMP-2020-0-6

Tot Ion:	228	Resp:	169677
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.6	38.4
229	22.0	16.6	25.0

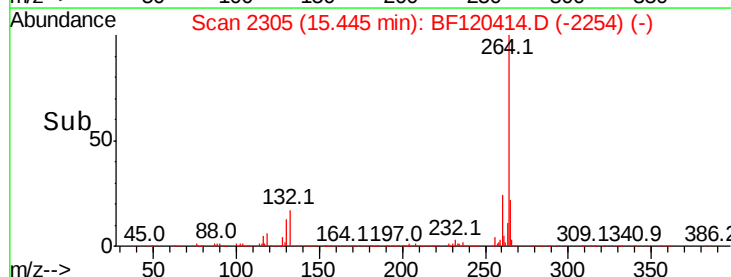
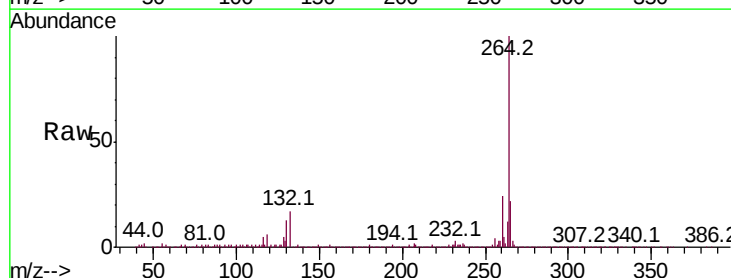
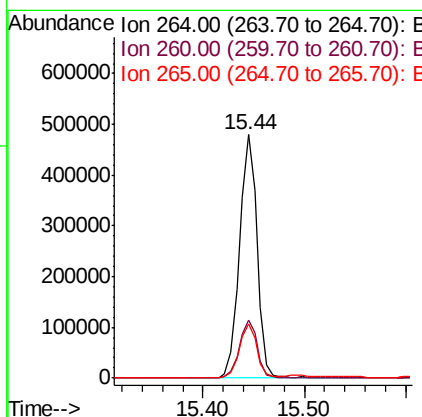
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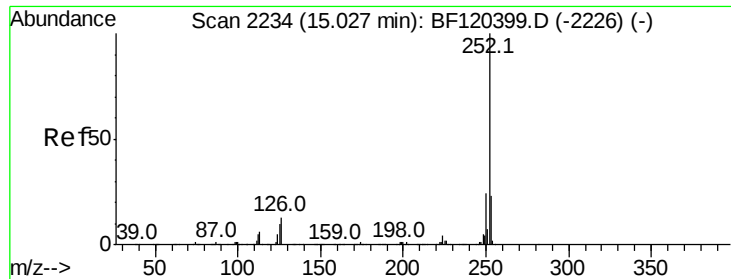
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion:	264	Resp:	572397
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.0	16.9	25.3





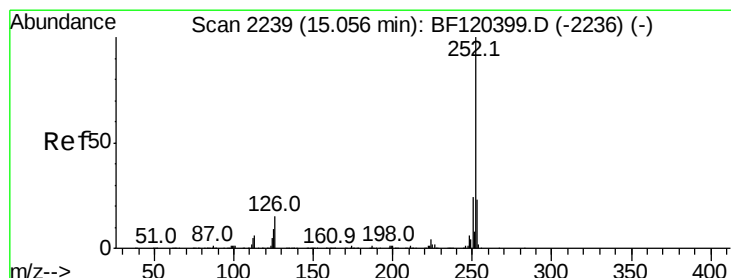
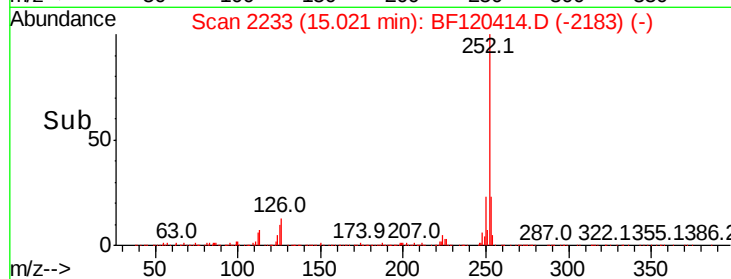
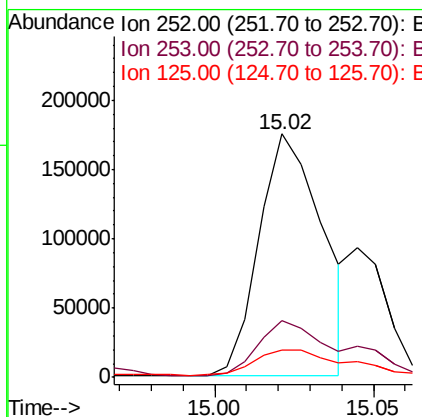
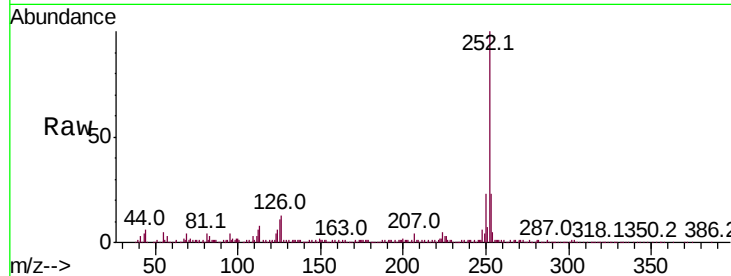
#88
Benzo(b)fluoranthene
Concen: 7.669 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
BNA_F
ClientSampleId :
NM68-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.2	7.8	11.8

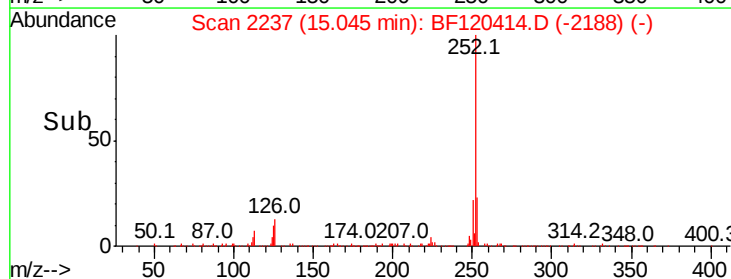
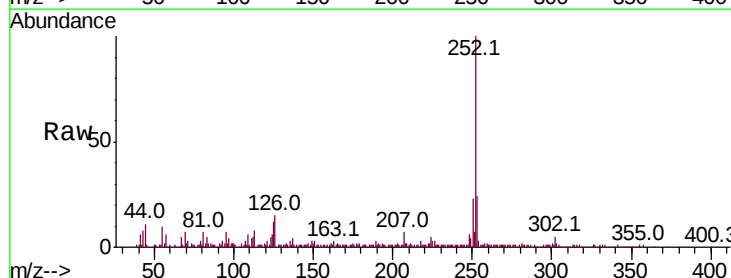
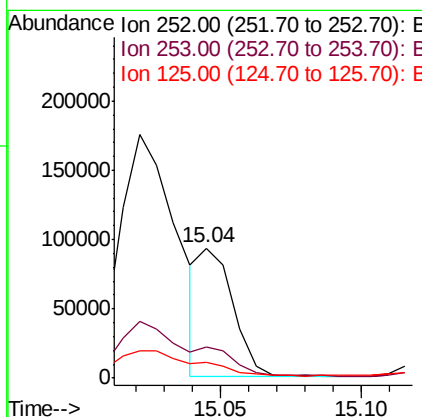
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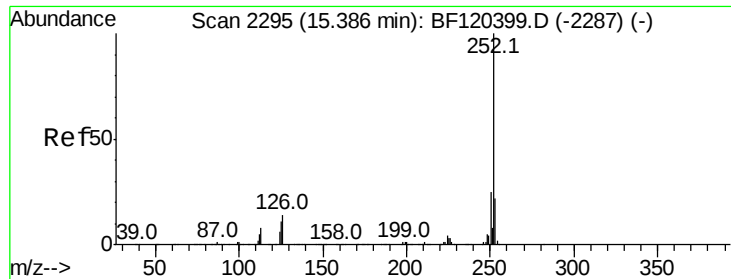
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.571 ng m
RT: 15.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	12.0	8.0	12.0#





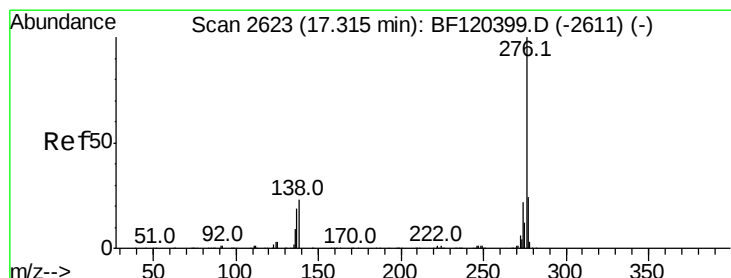
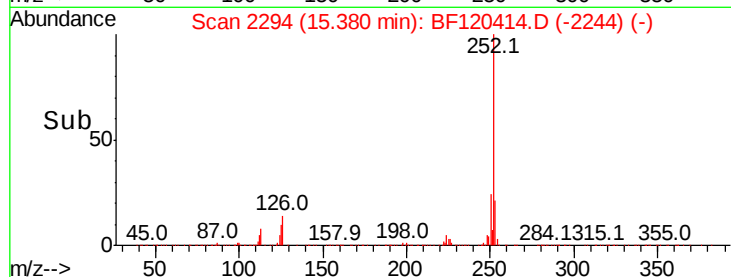
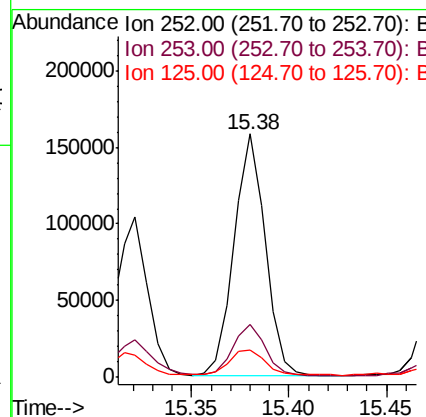
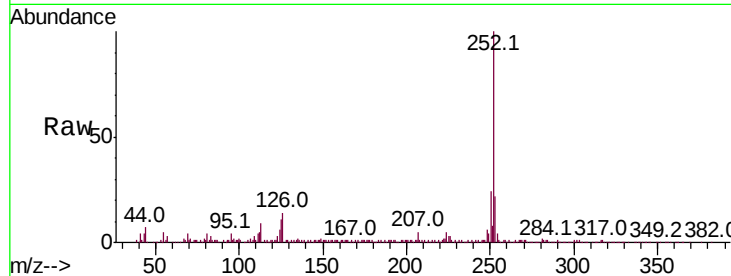
#90
Benzo(a)pyrene
Concen: 6.315 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Instrument :
BNA_F
ClientSampleId :
NM68-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.3	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.859 ng
RT: 17.31 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF120414.D
Acq: 28 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.5	29.3
138	23.1	18.1	27.1

