

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120464.D
 Acq On : 1 Jun 2020 12:10
 Operator : JU/CG
 Sample : L2792-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

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Quant Time: Jun 02 08:26:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	381068	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1365370	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	661612	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1158261	20.00	ng	0.00
76) Chrysene-d12	14.00	240	726541	20.00	ng	0.00
86) Perylene-d12	15.45	264	765181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1313088	65.67	ng	0.00
7) Phenol-d6	6.47	99	1658708	67.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1069050	51.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	445383	72.65	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1921259	49.27	ng	0.00
79) Terphenyl-d14	12.95	244	1733306	53.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	279258	6.75	ng	Qvalue 100
71) Phenanthrene	11.38	178	105995	2.08	ng	97
75) Fluoranthene	12.57	202	250776	4.57	ng	97
78) Pyrene	12.80	202	235264	4.66	ng	98
81) Benzo(a)anthracene	13.99	228	115954	2.98	ng	98
83) Chrysene	14.02	228	111158	2.72	ng	96
87) Indeno(1,2,3-cd)pyrene	16.88	276	84996	2.03	ng	93
88) Benzo(b)fluoranthene	15.02	252	152489m	3.59	ng	
90) Benzo(a)pyrene	15.38	252	115508	3.11	ng	99
92) Benzo(g,h,i)perylene	17.32	276	85455	2.54	ng	97

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

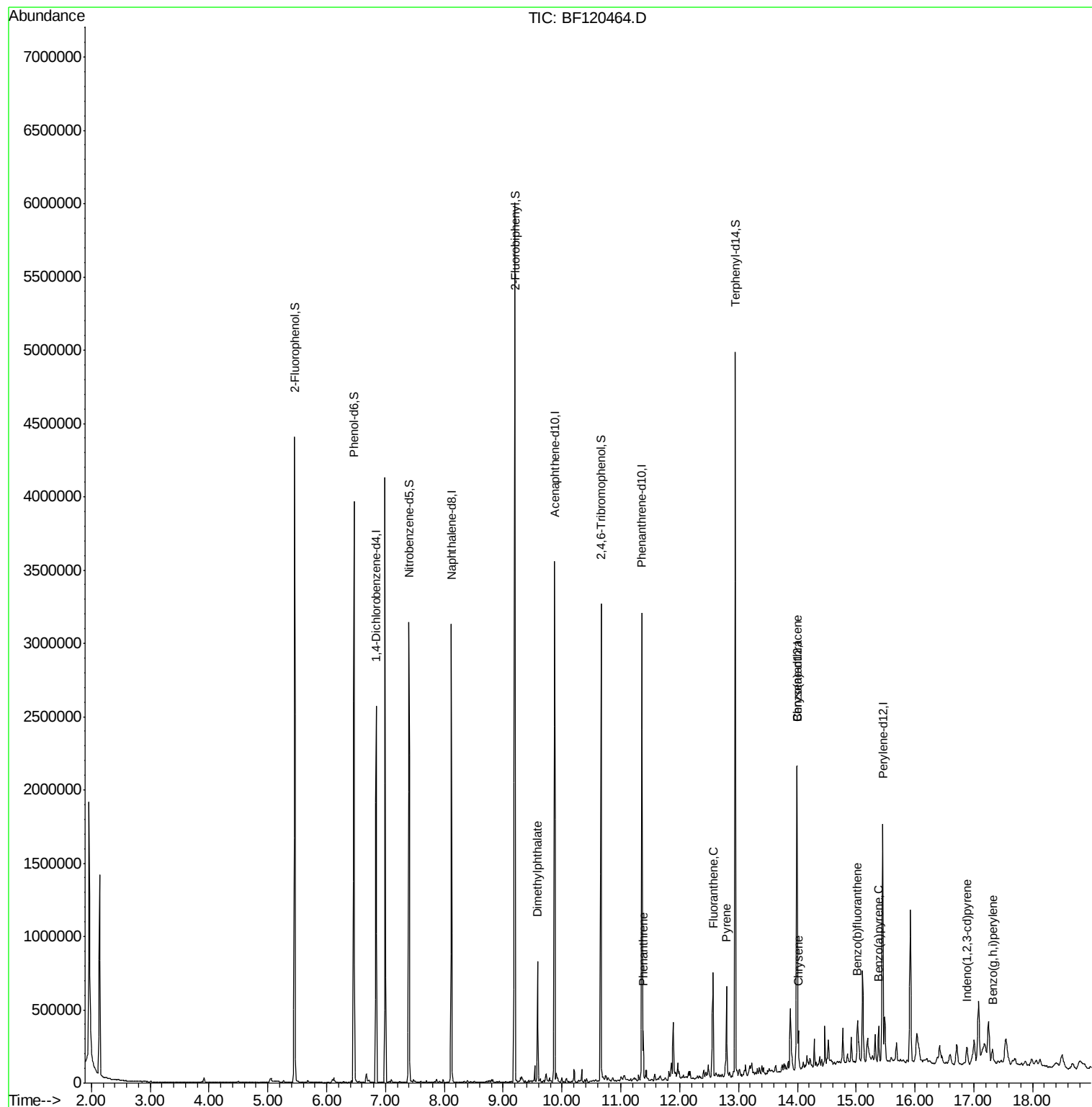
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120464.D
Acq On : 1 Jun 2020 12:10
Operator : JU/CG
Sample : L2792-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

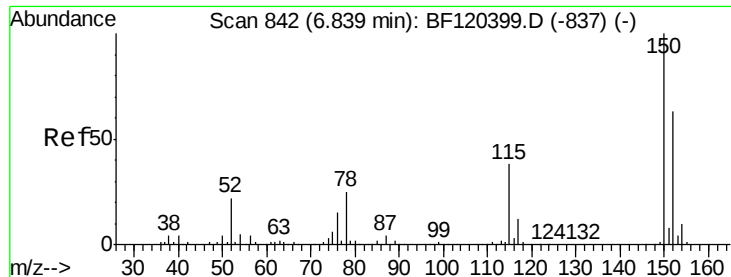
Instrument :
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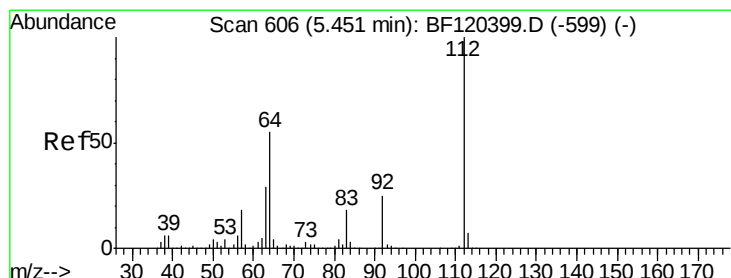
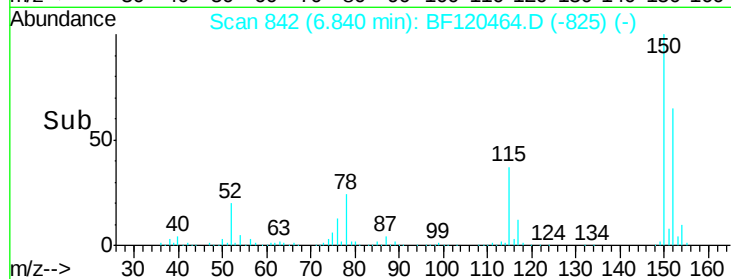
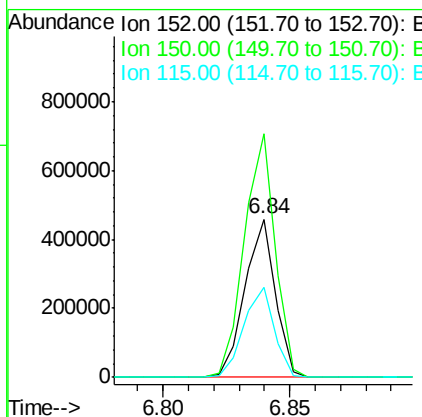
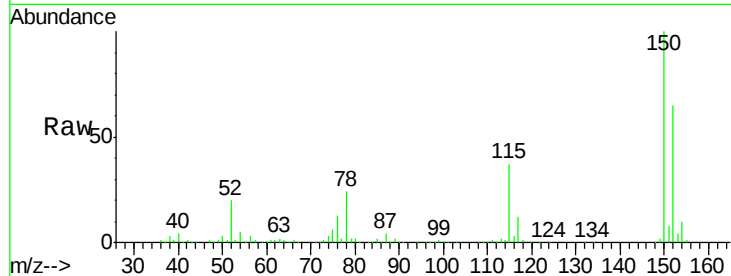
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.5	189.7
115	57.1	47.6	71.4

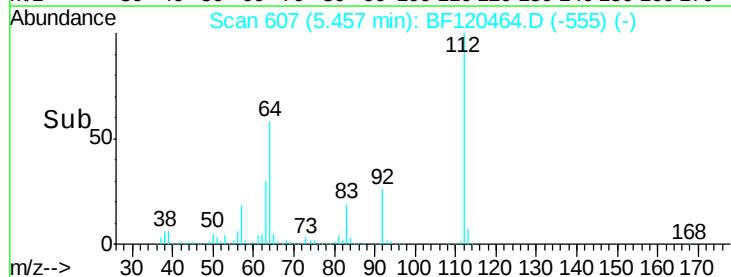
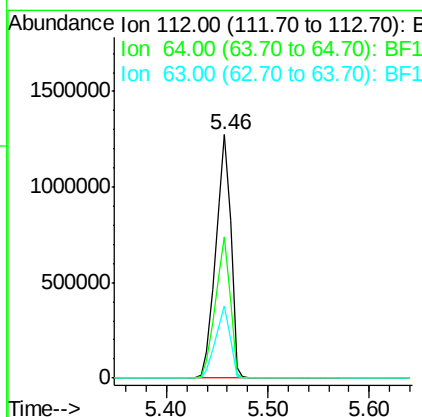
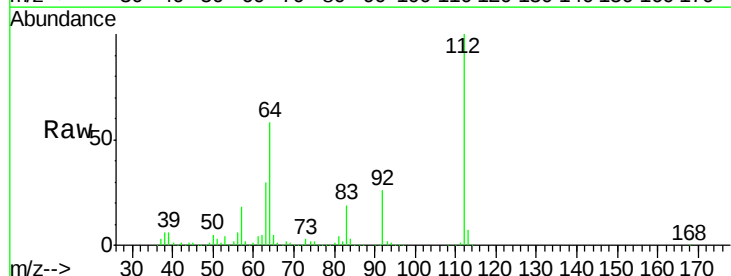
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#5
 2-Fluorophenol
 Concen: 65.67 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.3	66.5
63	29.6	22.9	34.3





#7

Phenol-d6

Concen: 67.30 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

ClientSampleId :

NM14-COMP-2020-0-6

Tgt Ion: 99 Resp: 1658708

Ion Ratio Lower Upper

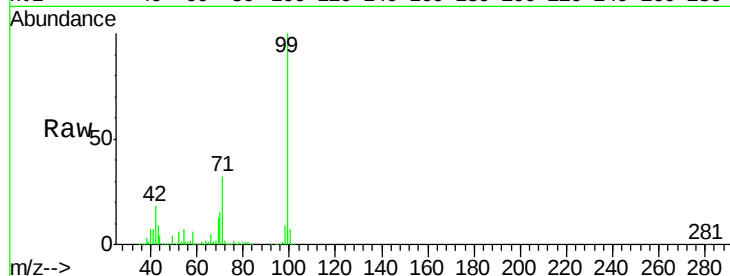
99 100

42 18.3 15.2 22.8

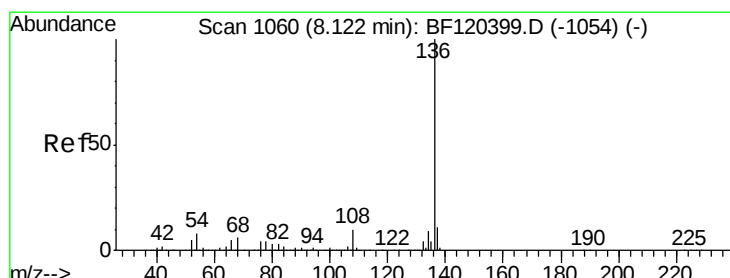
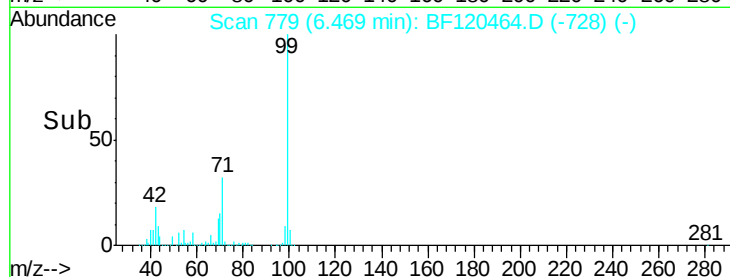
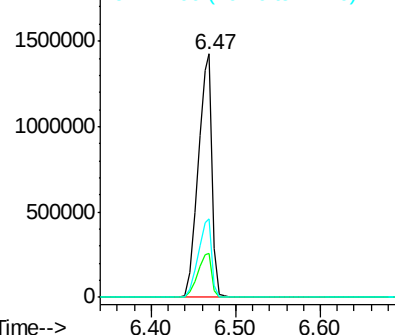
71 32.3 25.6 38.4

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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: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion: 136 Resp: 1365370

Ion Ratio Lower Upper

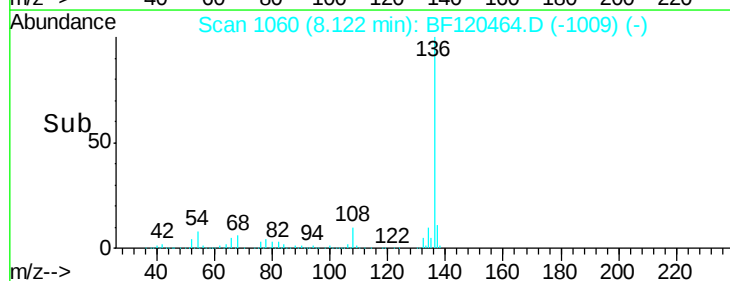
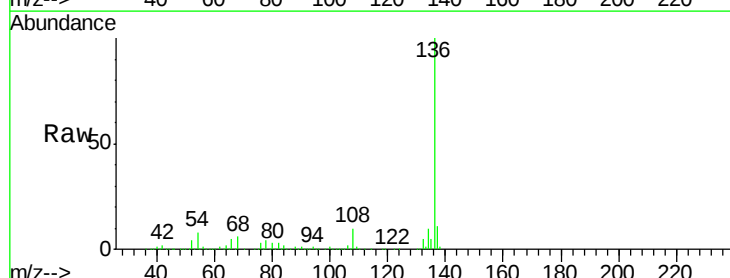
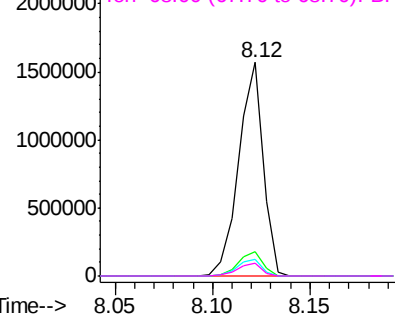
136 100

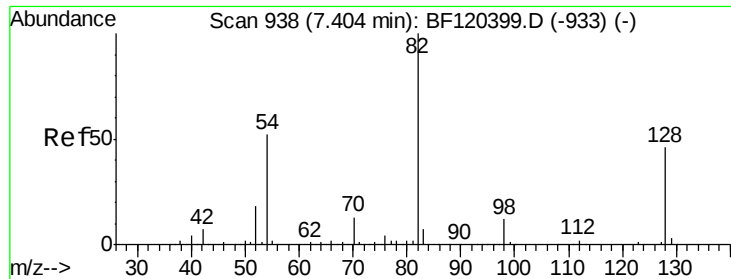
137 11.3 9.1 13.7

54 7.7 6.7 10.1

68 6.0 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





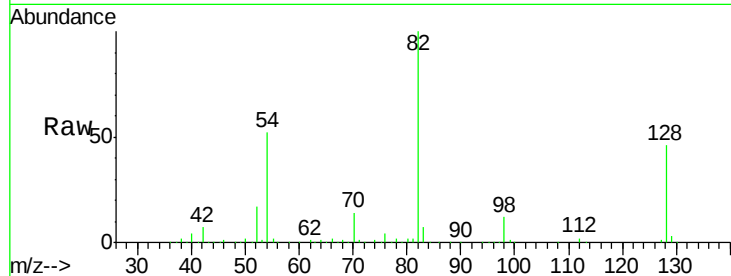
#23
 Nitrobenzene-d5
 Concen: 51.22 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

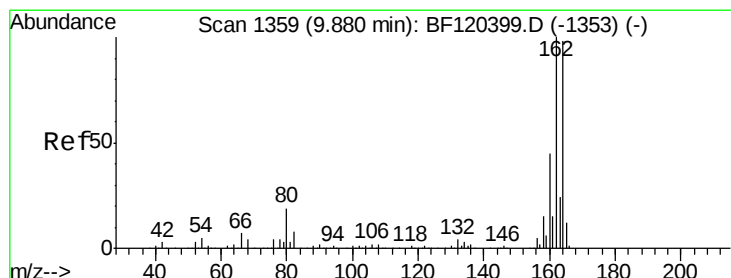
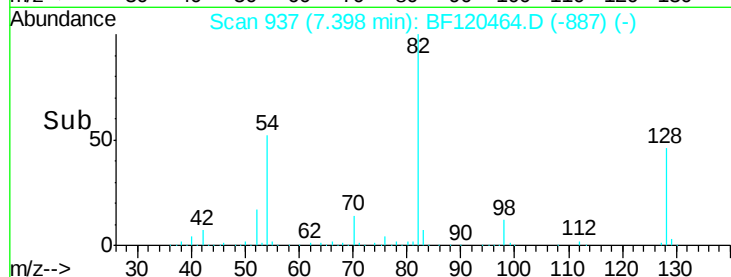
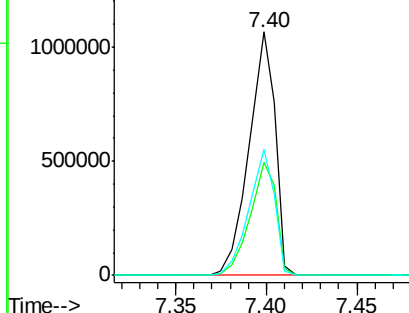
Tgt Ion: 82 Resp: 1069050
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.8 55.2
 54 51.7 41.6 62.4

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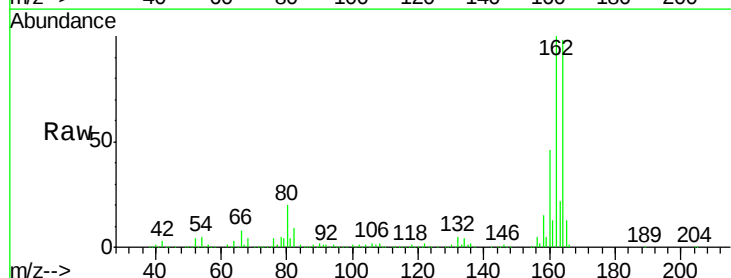


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

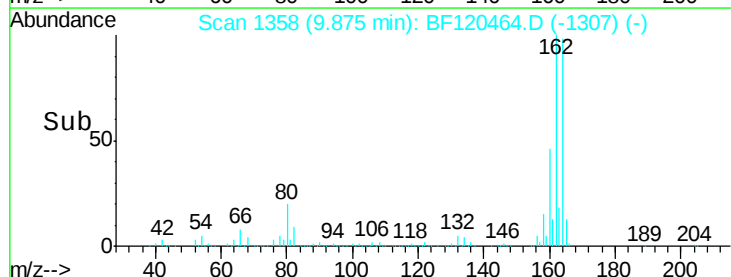
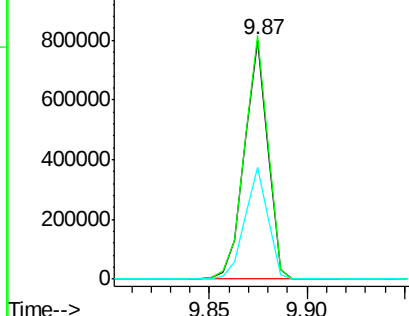


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion: 164 Resp: 661612
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.3 121.9
 160 46.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 72.65 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

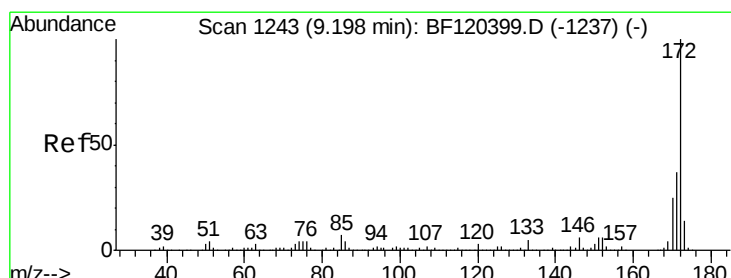
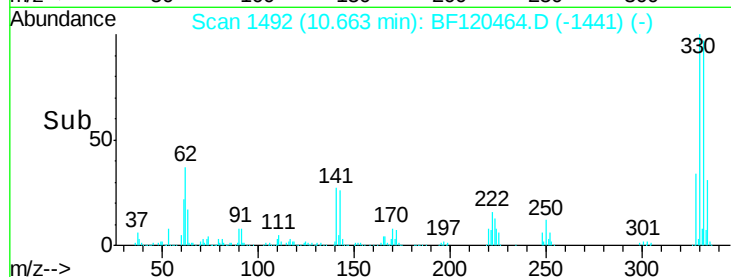
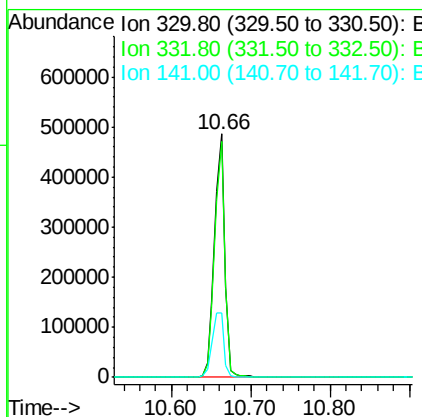
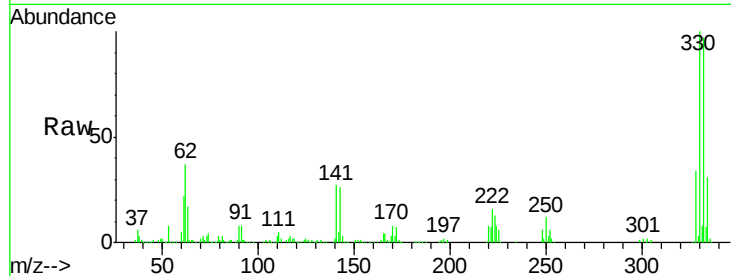
ClientSampleId :

NM14-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	445383		
332	96.0	77.0	115.6	
141	29.9	25.3	37.9	

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#45

2-Fluorobiphenyl

Concen: 49.27 ng

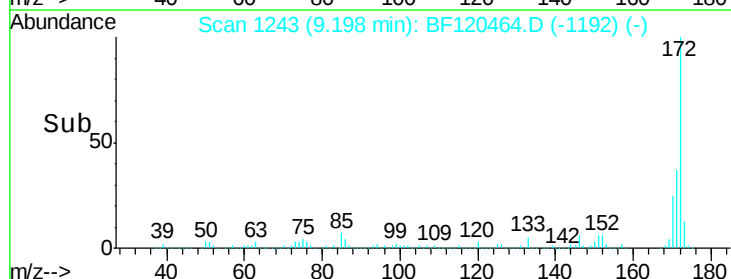
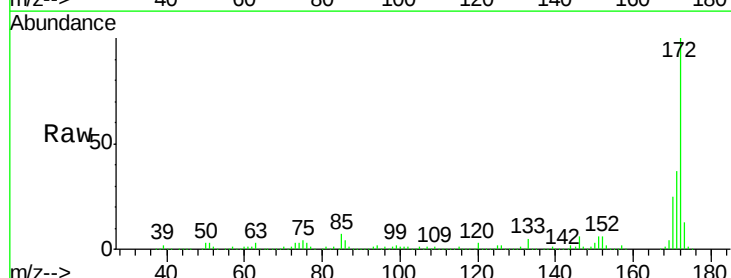
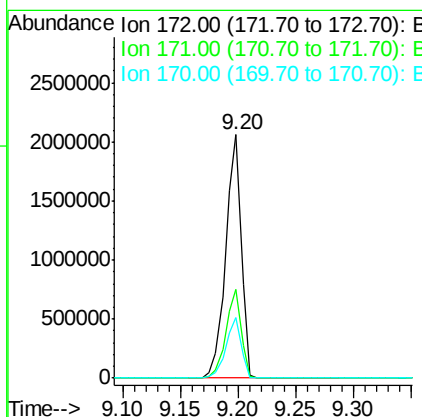
RT: 9.20 min Scan# 1243

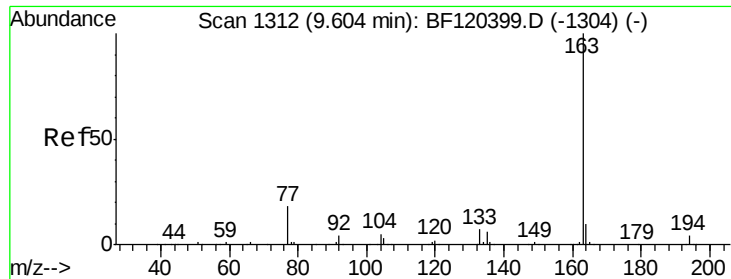
Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1921259		
171	36.7	29.7	44.5	
170	24.7	19.9	29.9	





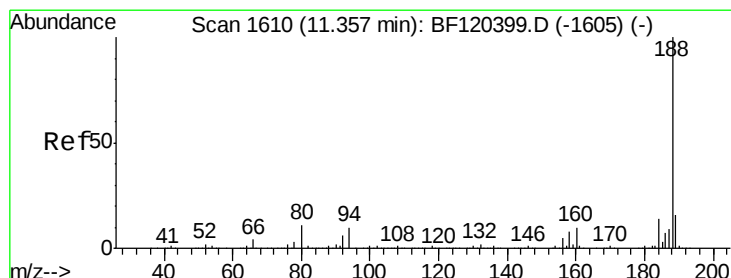
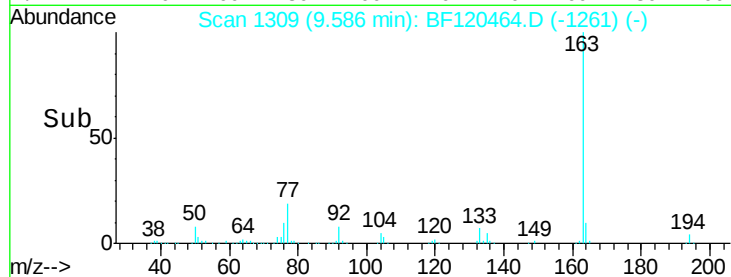
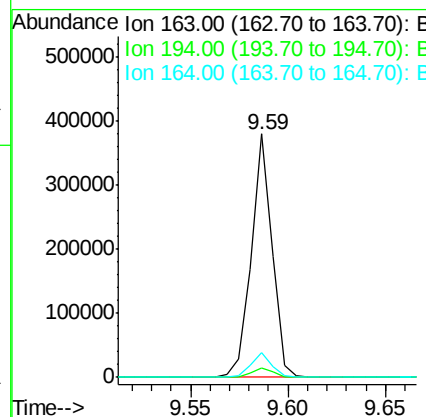
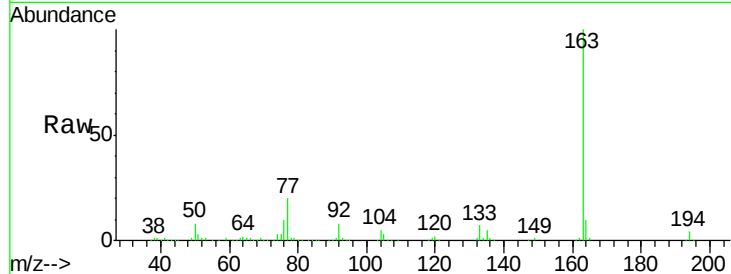
#50
Dimethylphthalate
Concen: 6.75 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	279258		
194	4.0		3.3	4.9
164	10.4		8.3	12.5

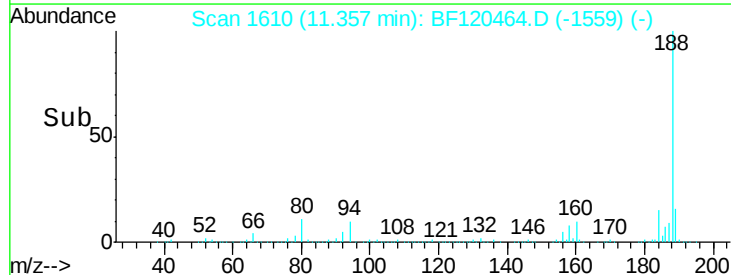
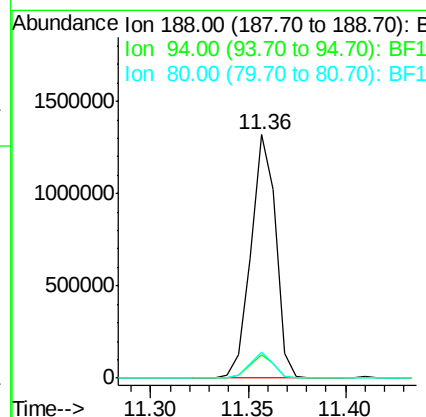
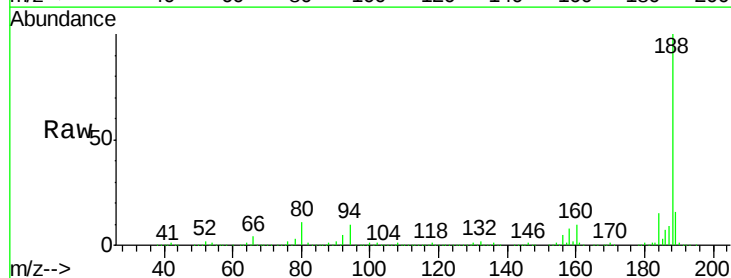
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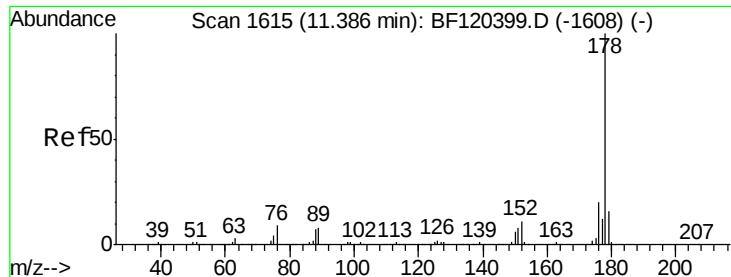
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1158261		
94	9.8		7.9	11.9
80	10.7		8.6	13.0





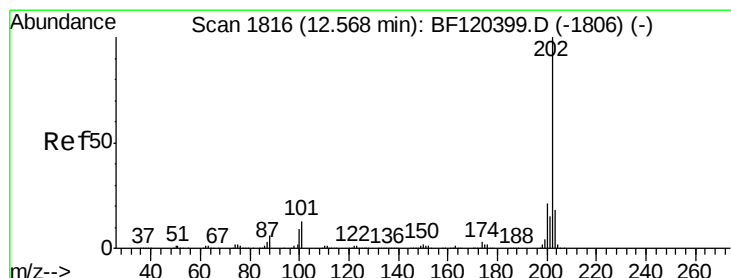
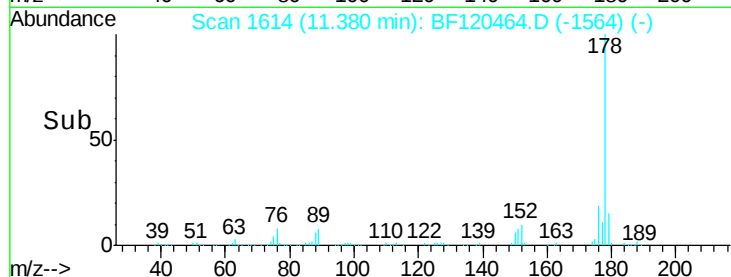
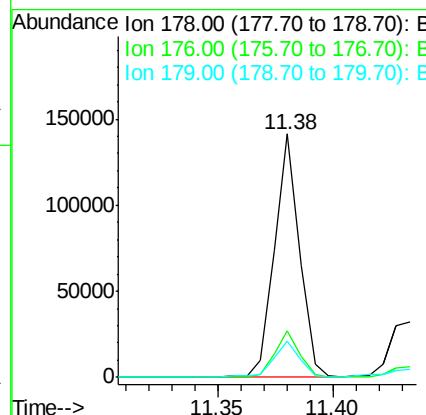
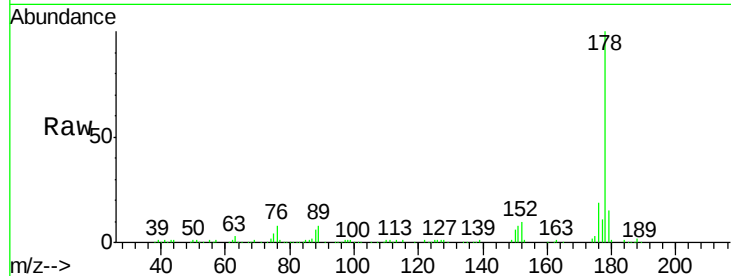
#71
Phenanthrene
Concen: 2.08 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.1	13.0	19.4

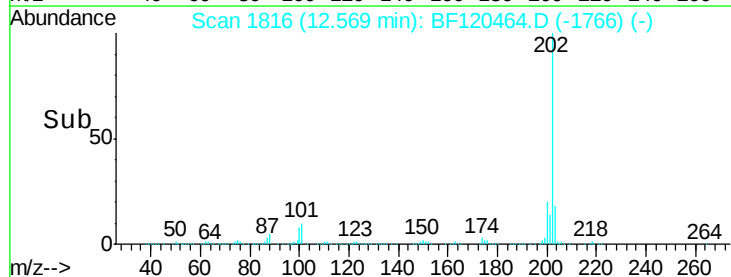
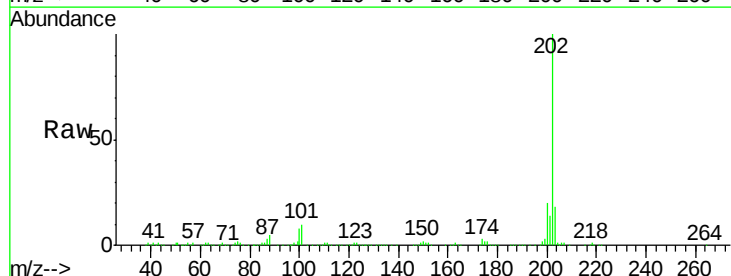
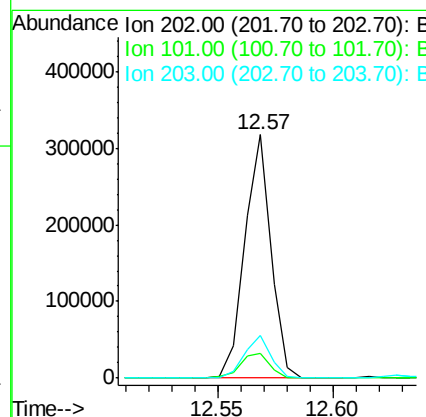
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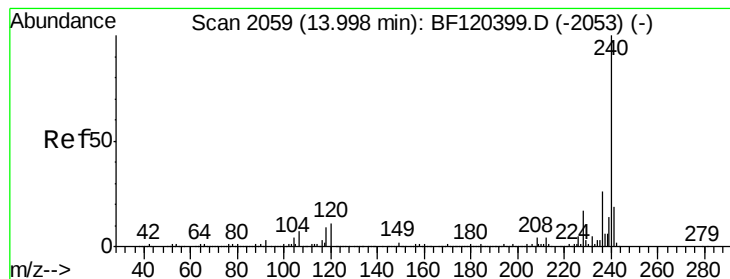
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#75
Fluoranthene
Concen: 4.57 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.6
203	17.7	0.0	38.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

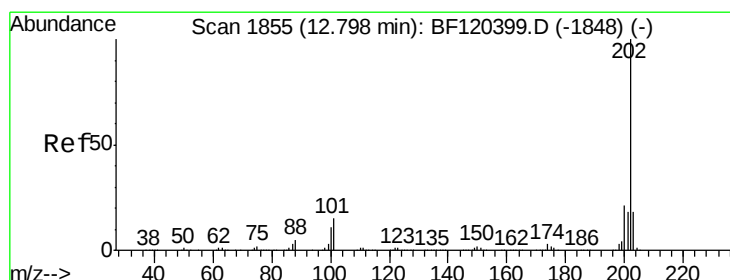
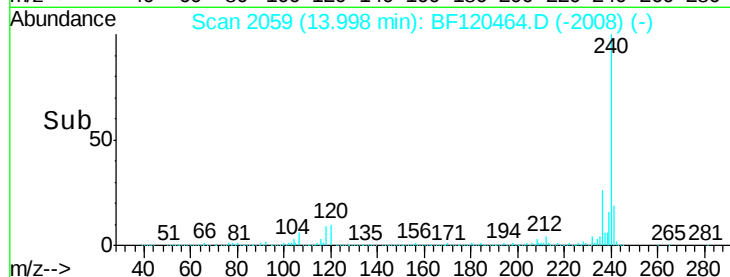
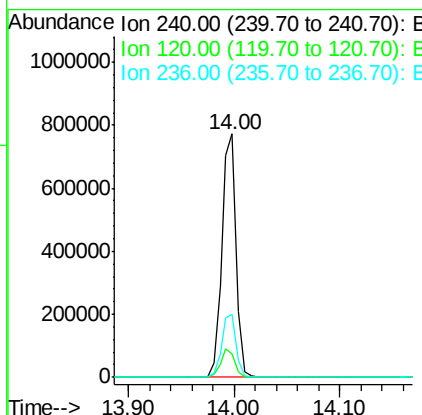
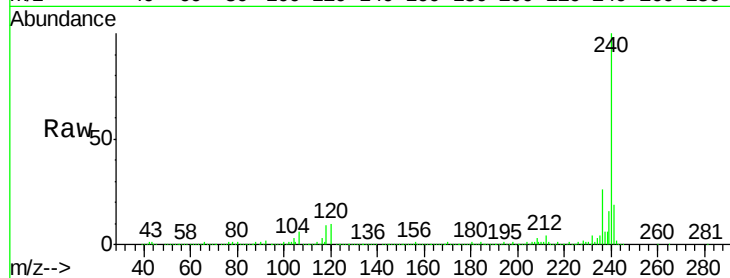
ClientSampleId :

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Tgt Ion:	240	Resp:	726541
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.8	13.2
236	25.9	21.0	31.4

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#78

Pyrene

Concen: 4.66 ng

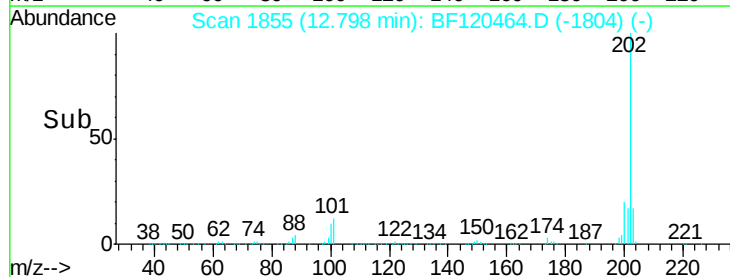
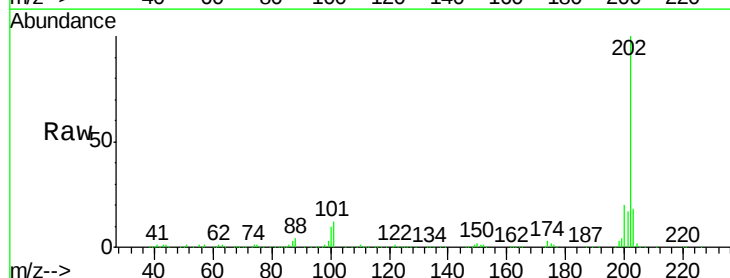
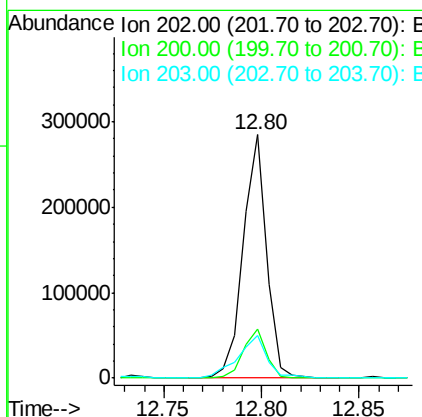
RT: 12.80 min Scan# 1855

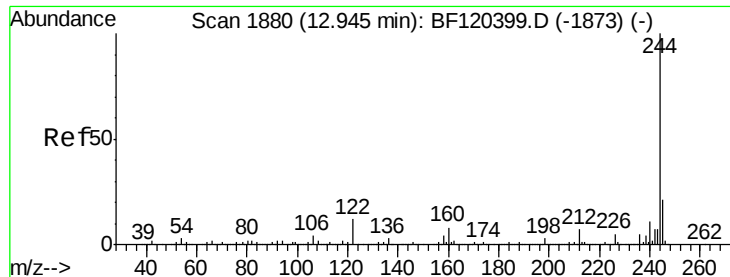
Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion:	202	Resp:	235264
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.0	25.4
203	17.6	14.7	22.1





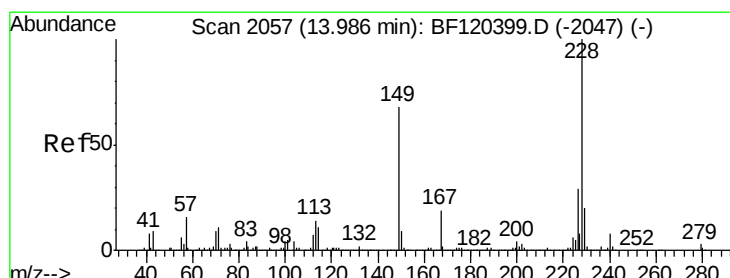
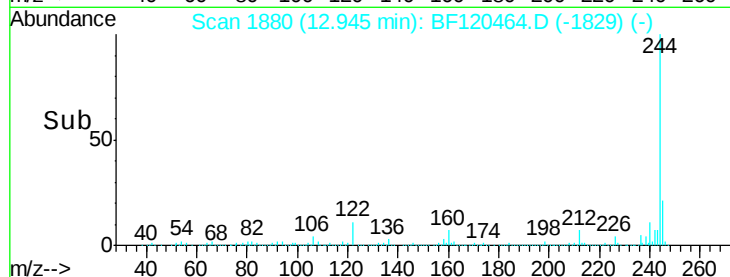
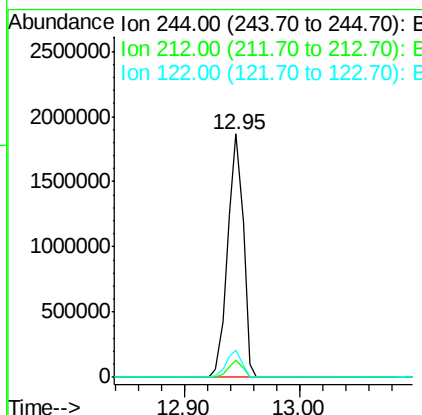
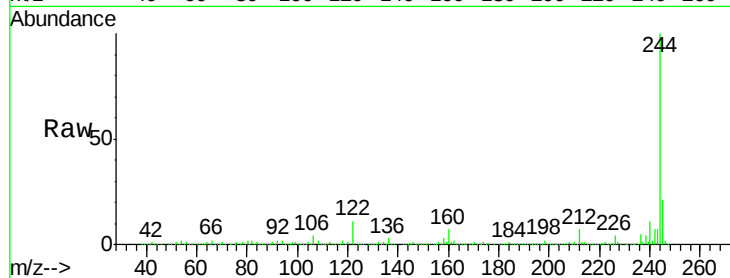
#79
 Terphenyl-d14
 Concen: 53.09 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

Tgt Ion: 244 Resp: 1733306
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.2 13.8

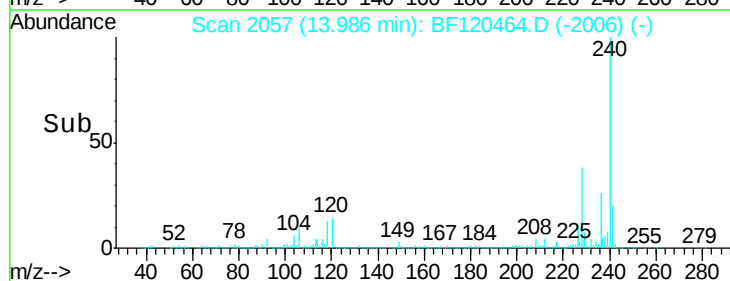
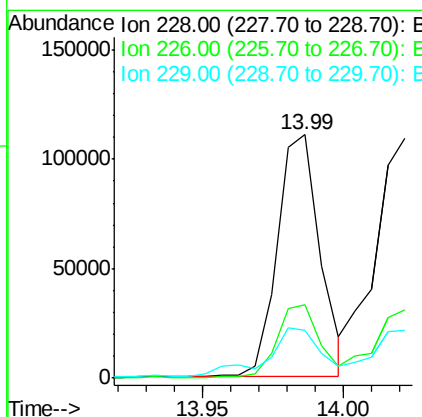
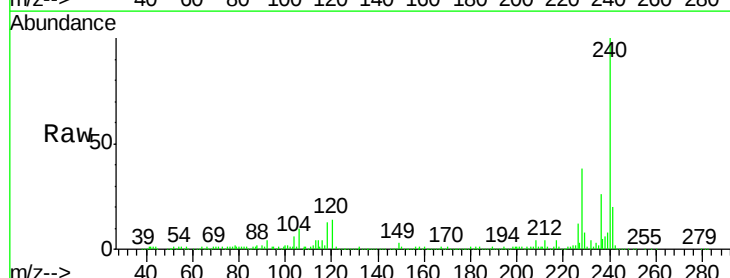
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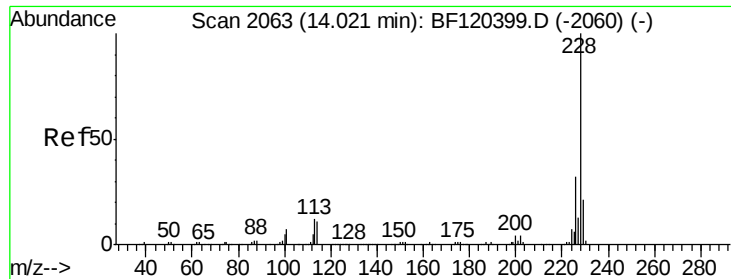
mohammad
 6/2/2020 3:24:27 PM



#81
 Benzo(a)anthracene
 Concen: 2.98 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion: 228 Resp: 115954
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.0 34.4
 229 19.6 16.2 24.4





#83

Chrysene

Concen: 2.72 ng

RT: 14.02 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Instrument :

BNA_F

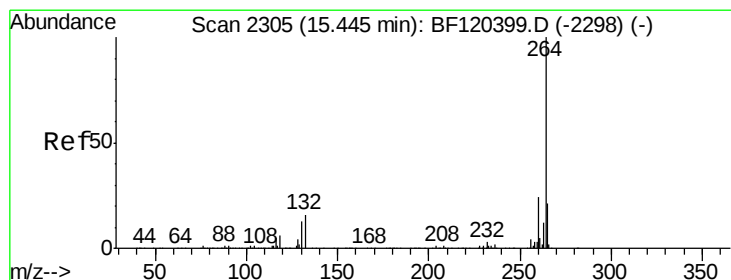
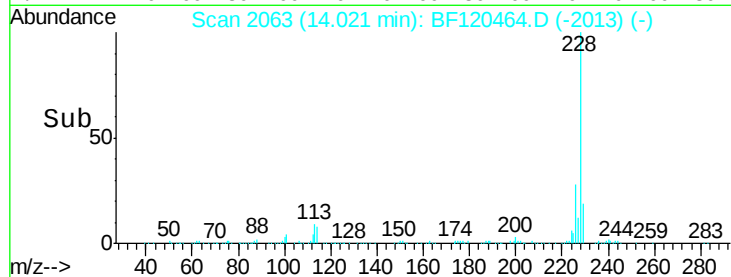
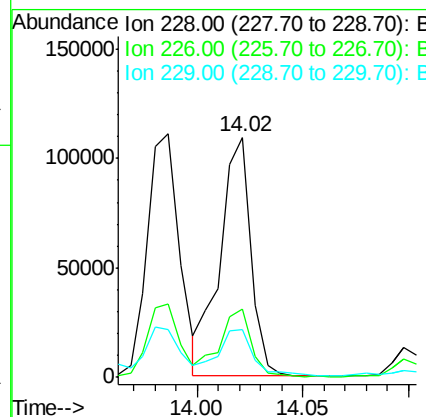
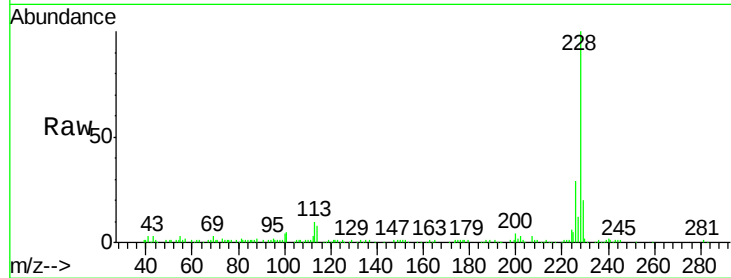
ClientSampleId :

NM14-COMP-2020-0-6

Tgt Ion:	228	Resp:	111158
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.6	38.4
229	19.9	16.6	25.0

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#86

Perylene-d12

Concen: 20.00 ng

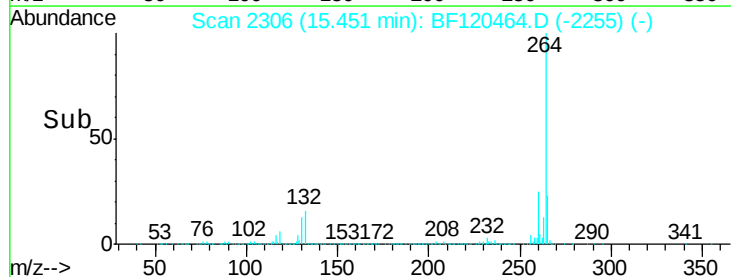
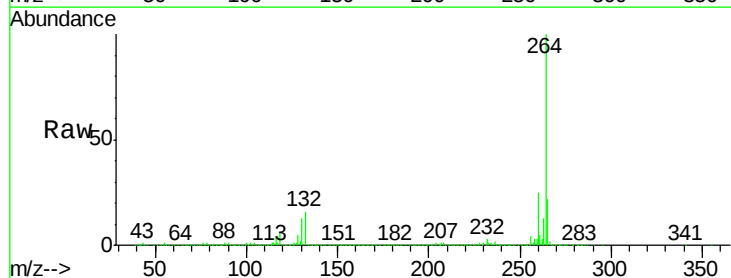
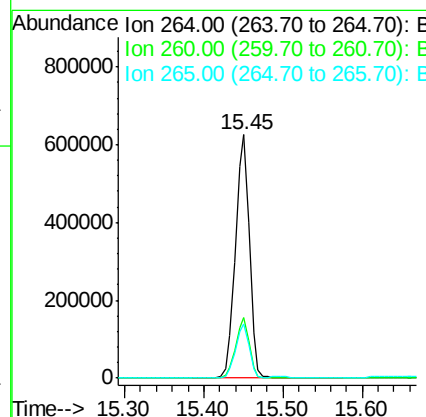
RT: 15.45 min Scan# 2306

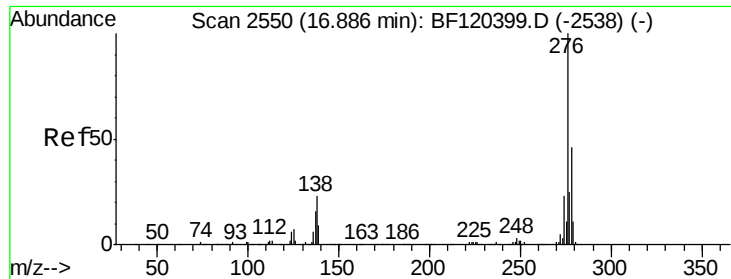
Delta R.T. 0.00 min

Lab File: BF120464.D

Acq: 1 Jun 2020 12:10

Tgt Ion:	264	Resp:	765181
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.5	16.9	25.3





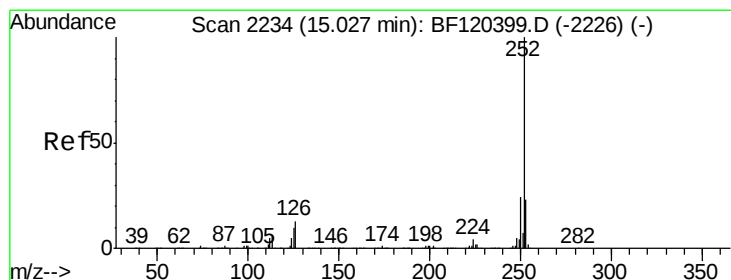
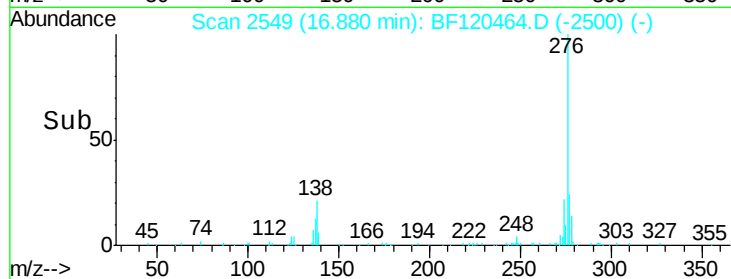
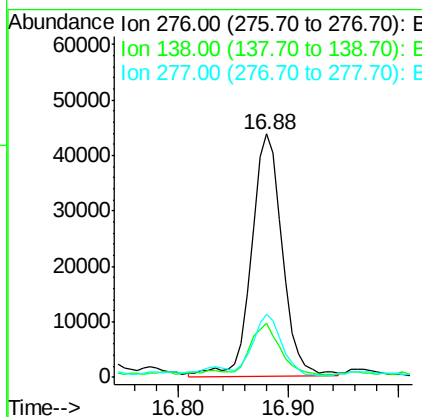
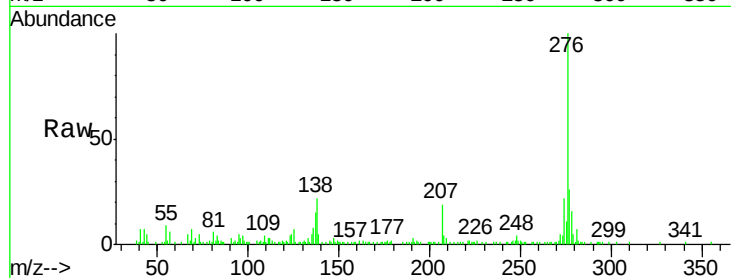
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.03 ng
 RT: 16.88 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Instrument :
 BNA_F
 ClientSampleId :
 NM14-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.4	30.6
277	23.7	20.4	30.6

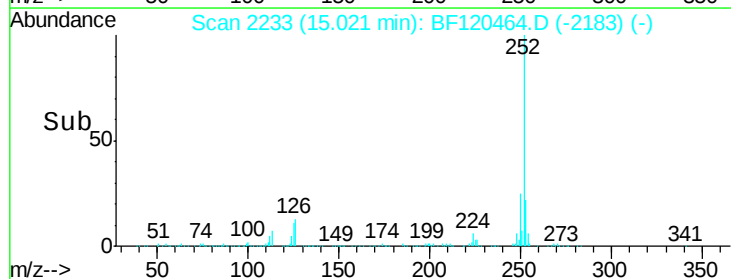
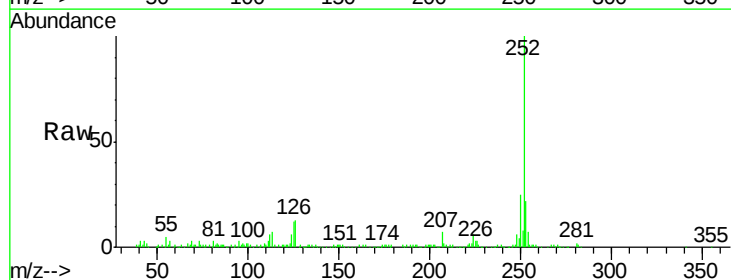
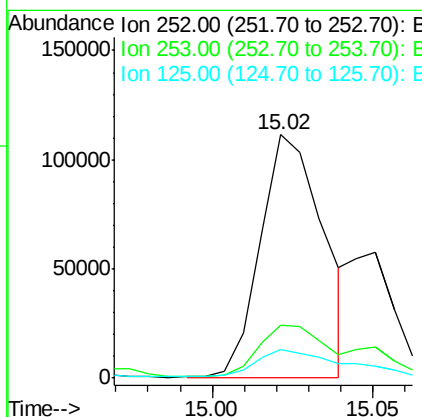
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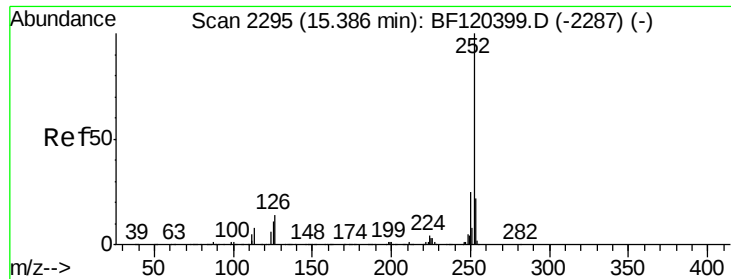
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#88
 Benzo(b)fluoranthene
 Concen: 3.59 ng m
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120464.D
 Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.8	7.8	11.8





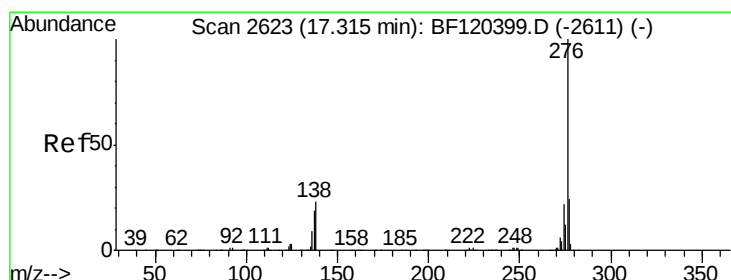
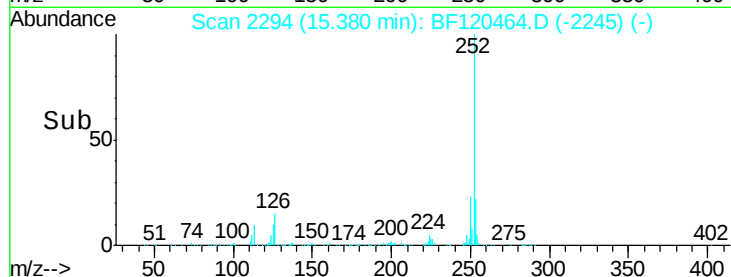
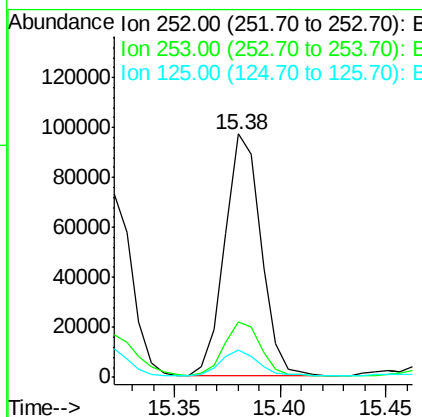
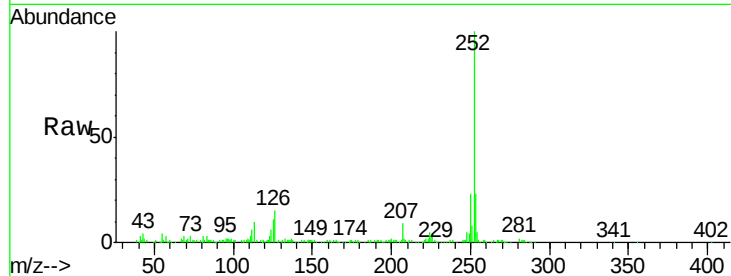
#90
Benzo(a)pyrene
Concen: 3.11 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Instrument :
BNA_F
ClientSampleId :
NM14-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.1	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 2.54 ng
RT: 17.32 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF120464.D
Acq: 1 Jun 2020 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	20.6	18.1	27.1

