

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120448.D
 Acq On : 29 May 2020 19:22
 Operator : MA/SJ
 Sample : L2773-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM46-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 04:21:10 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	280216	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1015564	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	486236	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	776413	20.00	ng	0.00
76) Chrysene-d12	13.99	240	551739	20.00	ng	0.00
86) Perylene-d12	15.44	264	603411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1405380	95.58	ng	0.00
7) Phenol-d6	6.46	99	1809126	99.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	1170596	75.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	454373	100.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2100747	73.30	ng	0.00
79) Terphenyl-d14	12.94	244	1777602	71.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	410862	13.516	ng	100
71) Phenanthrene	11.38	178	164618	4.812	ng	96
75) Fluoranthene	12.57	202	325762	8.849	ng	96
78) Pyrene	12.79	202	294492	7.675	ng	99
81) Benzo(a)anthracene	13.98	228	163852	5.541	ng	98
83) Chrysene	14.02	228	140836	4.543	ng	97
87) Indeno(1,2,3-cd)pyrene	16.87	276	93118	2.821	ng	# 92
88) Benzo(b)fluoranthene	15.02	252	209003m	6.236	ng	
90) Benzo(a)pyrene	15.38	252	146982	5.014	ng	99
92) Benzo(g,h,i)perylene	17.30	276	86376	3.255	ng	98

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

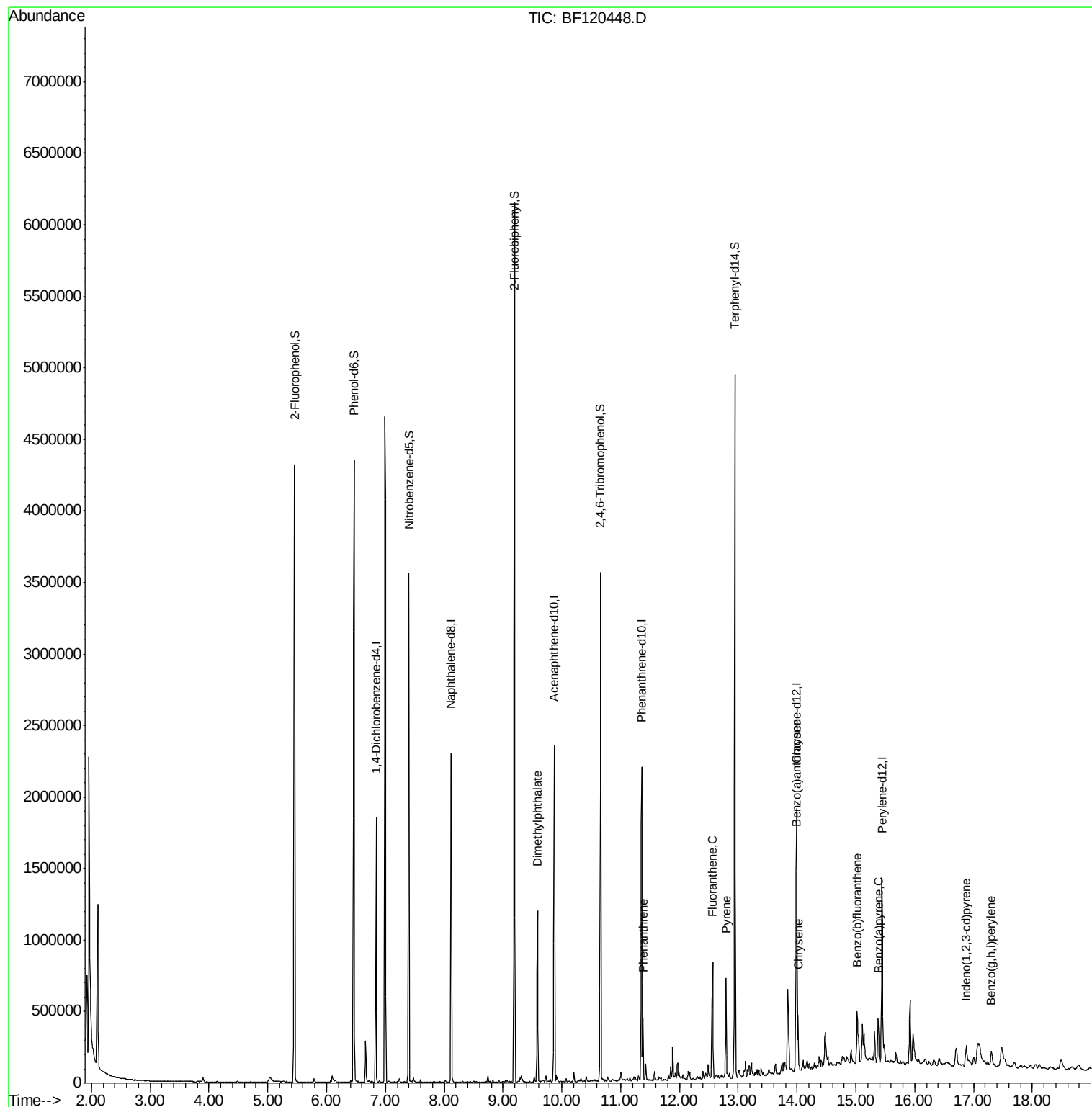
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120448.D
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Operator : MA/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

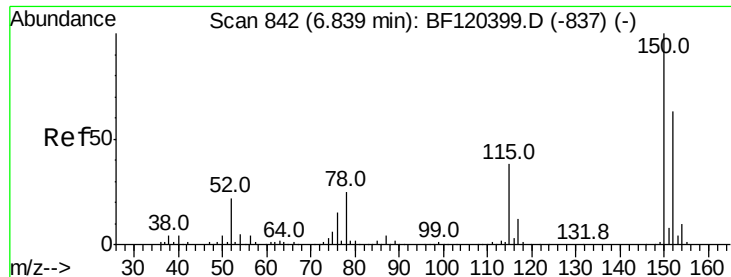
Instrument :
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#1

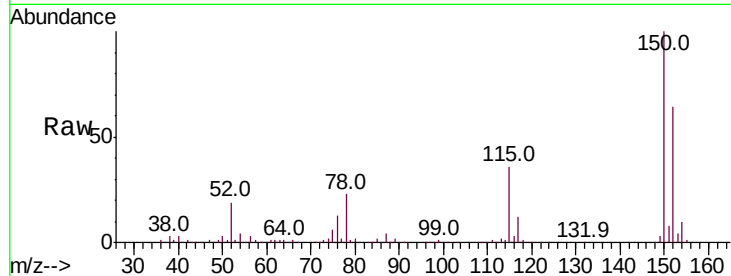
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.5	189.7
115	56.1	47.6	71.4

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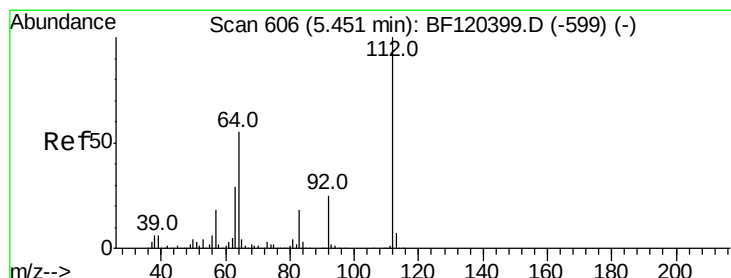
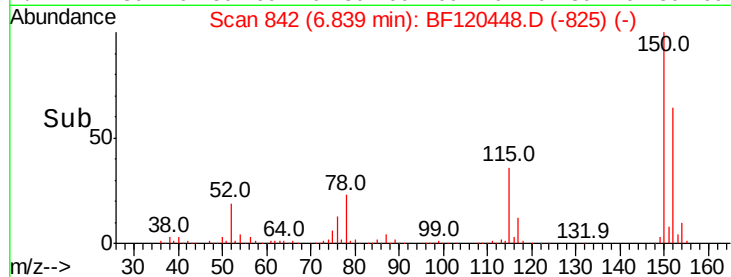
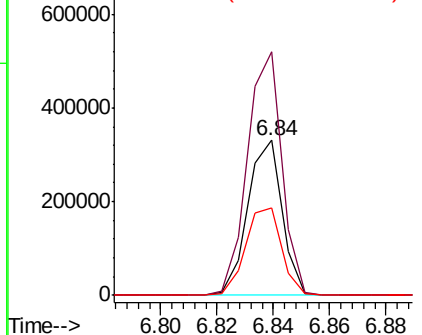


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

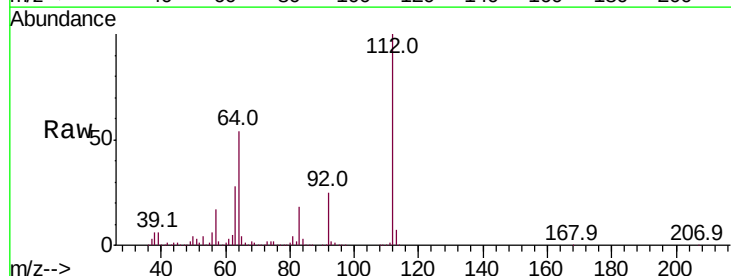
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.580 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.3	66.5
63	28.1	22.9	34.3

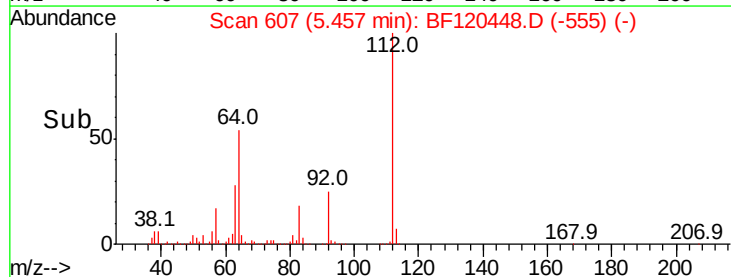
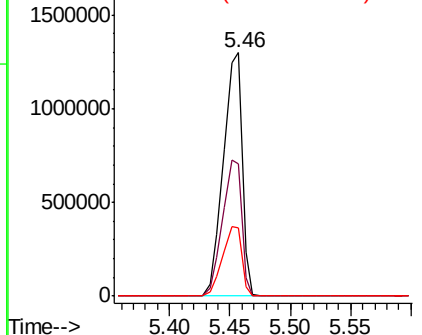


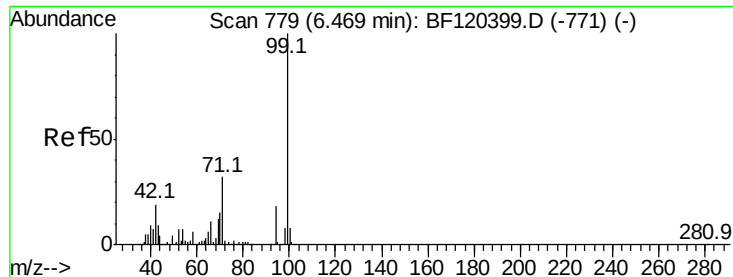
Abundance

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: 99.823 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120448.D

Acq: 29 May 2020 19:22

Instrument :

BNA_F

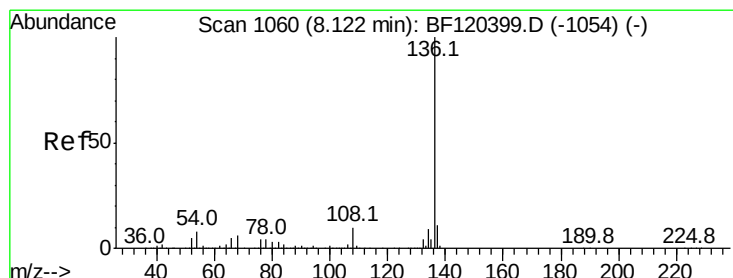
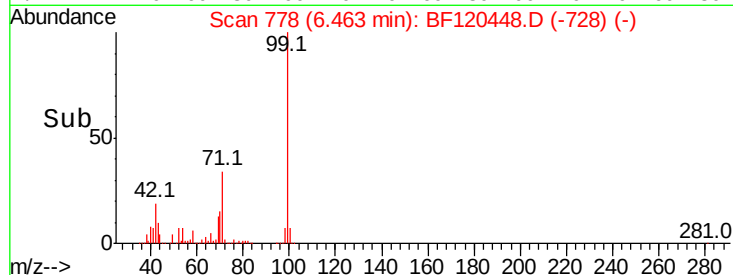
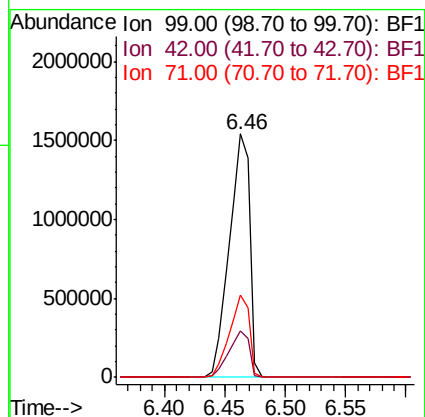
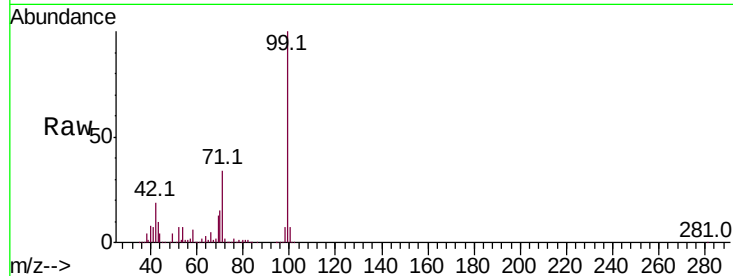
ClientSampleId :

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Tot Ion:	99	Resp:	1809126
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.2	22.8
71	33.6	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

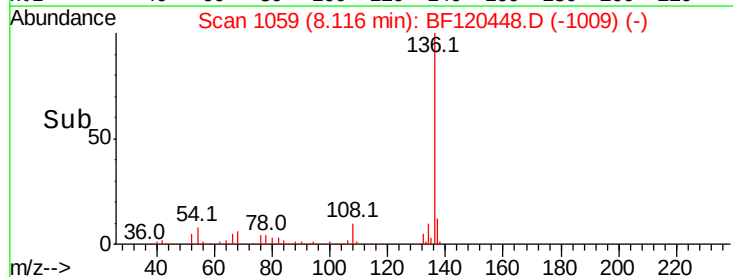
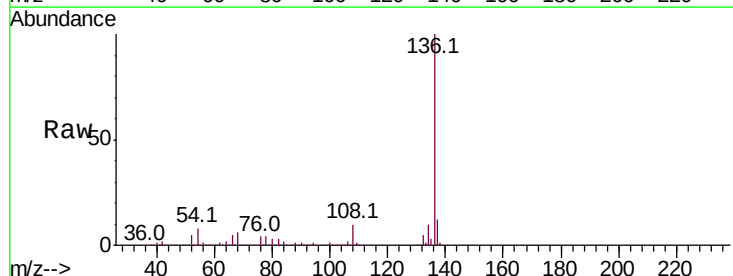
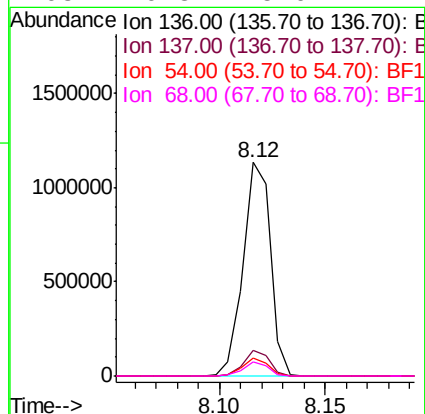
RT: 8.12 min Scan# 1059

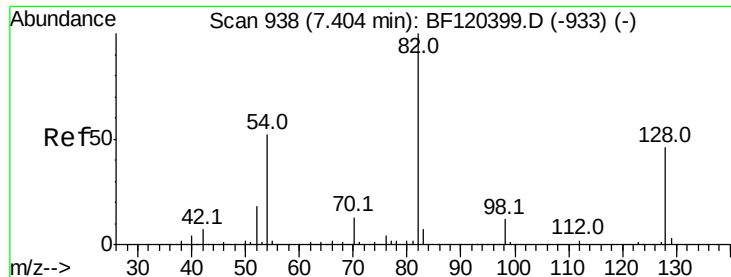
Delta R.T. -0.01 min

Lab File: BF120448.D

Acq: 29 May 2020 19:22

Tgt Ion:	136	Resp:	1015564
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.4	6.7	10.1
68	6.3	5.0	7.4





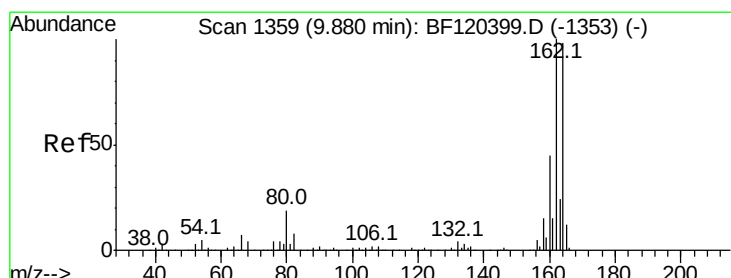
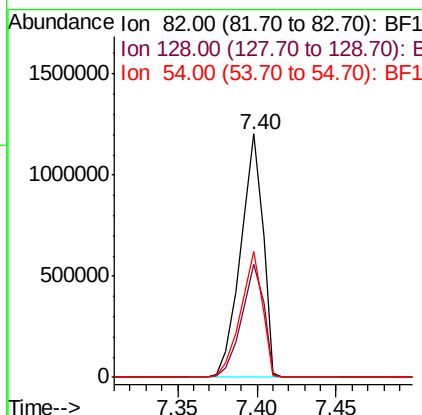
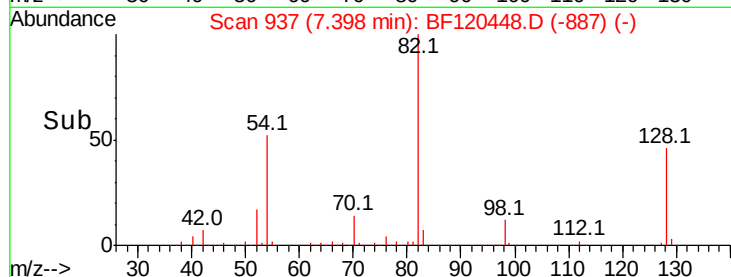
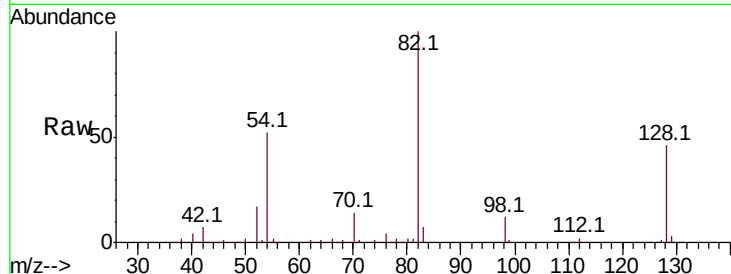
#23
Nitrobenzene-d5
Concen: 75.399 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
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ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion: 82 Resp: 1170596
Ion Ratio Lower Upper
82 100
128 46.2 36.8 55.2
54 51.8 41.6 62.4

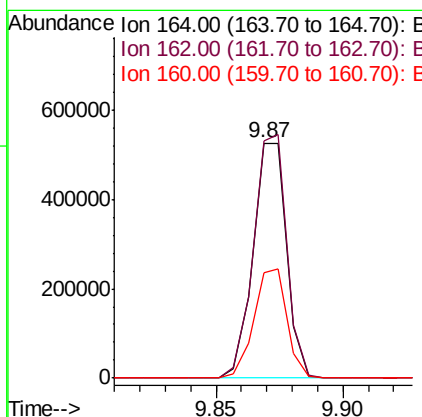
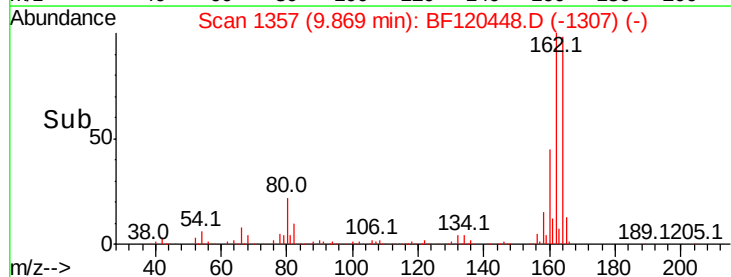
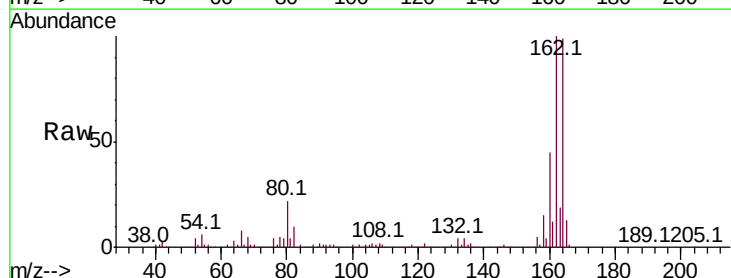
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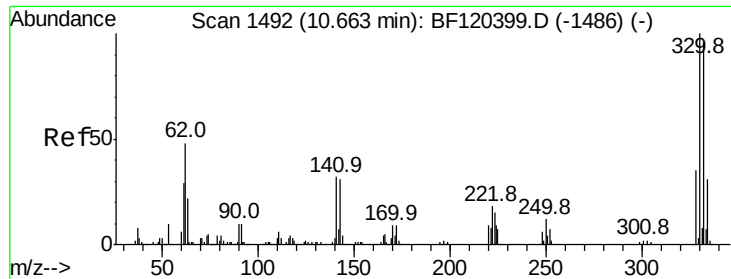
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion:164 Resp: 486236
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 45.0 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 100.855 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120448.D

Acq: 29 May 2020 19:22

Instrument :

BNA_F

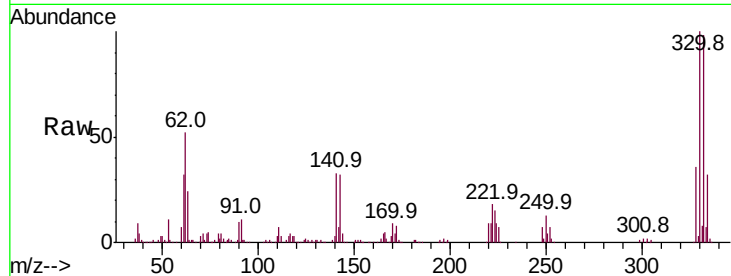
ClientSampleId :

NM46-COMP-2020-0-6

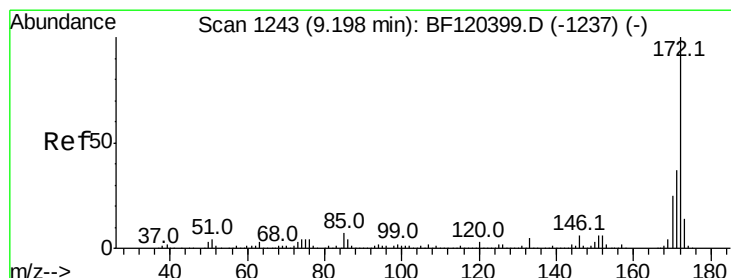
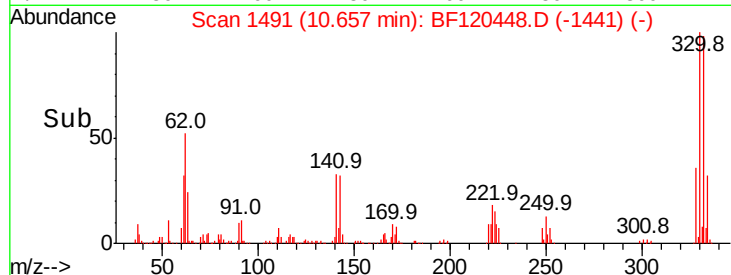
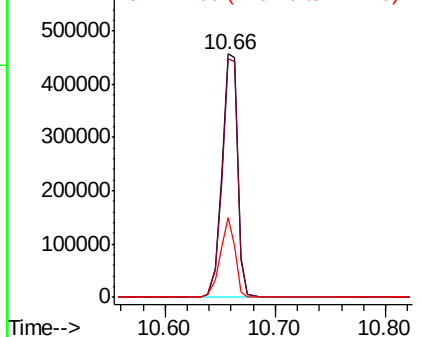
Tot Ion:	330	Resp:	454373
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	30.2	25.3	37.9

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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: 73.304 ng

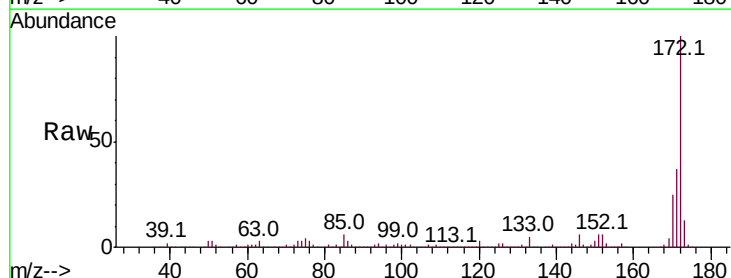
RT: 9.20 min Scan# 1243

Delta R.T. -0.00 min

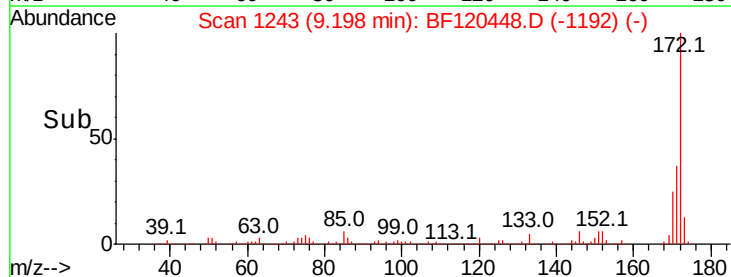
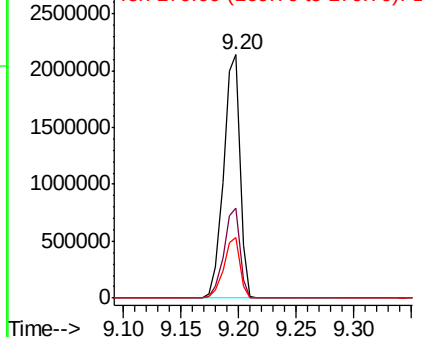
Lab File: BF120448.D

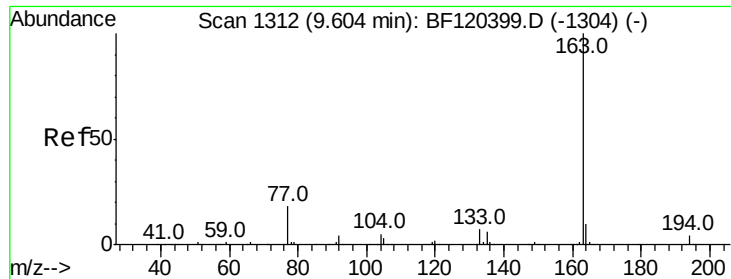
Acq: 29 May 2020 19:22

Tgt Ion:	172	Resp:	2100747
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.9	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





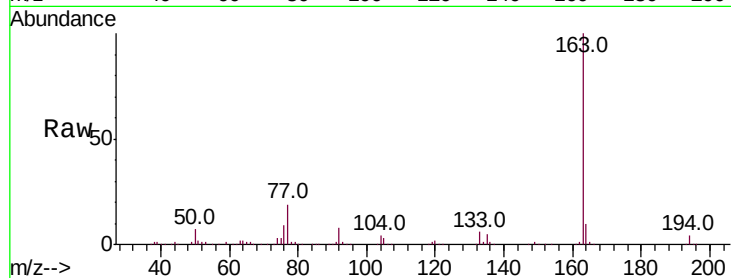
#50
Dimethylphthalate
Concen: 13.516 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

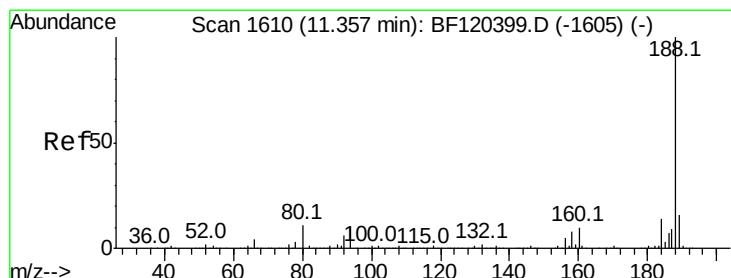
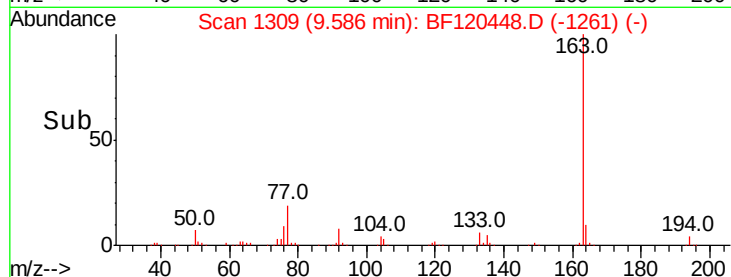
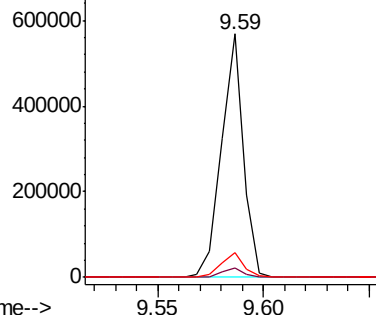
Tot Ion	Ratio	Resp	Lower	Upper
163	100	410862		
194	3.9		3.3	4.9
164	10.3		8.3	12.5

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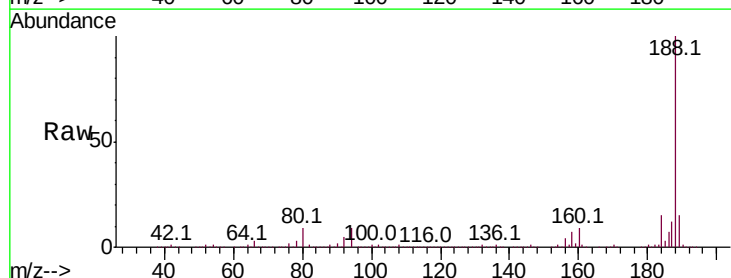


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

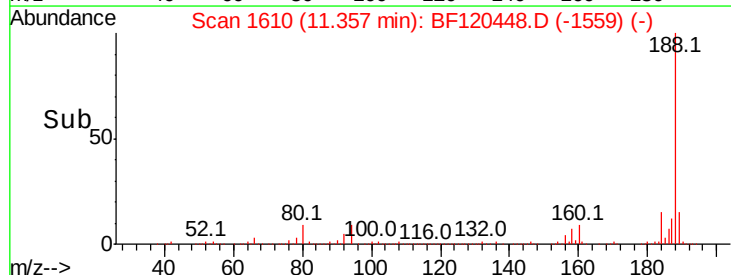
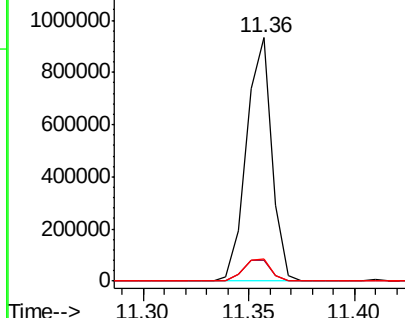


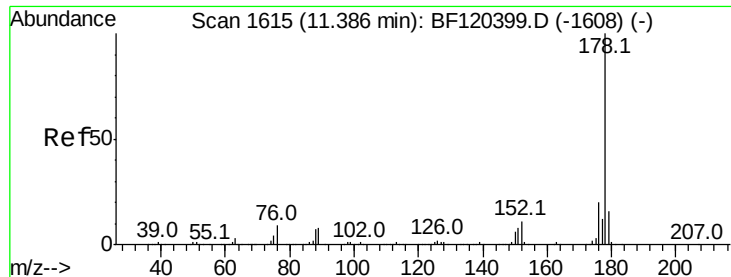
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	776413		
94	8.8		7.9	11.9
80	9.0		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





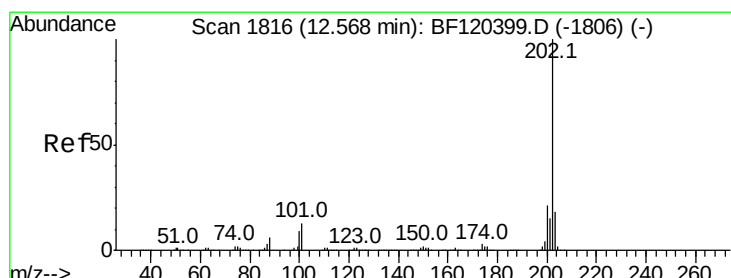
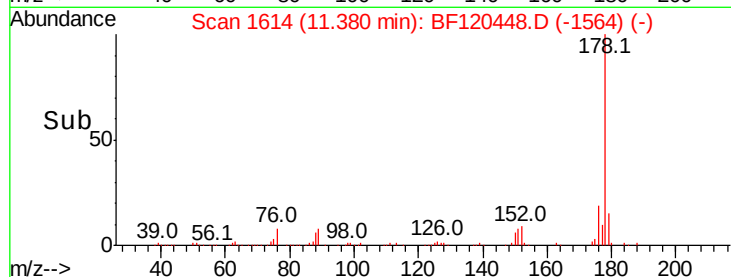
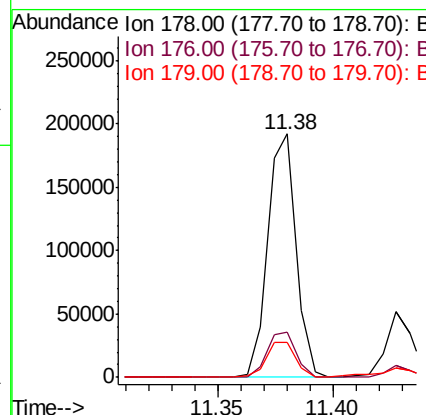
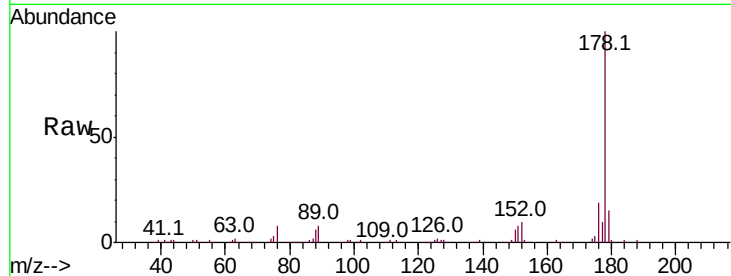
#71
Phenanthrene
Concen: 4.812 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.4	24.6
179	14.5	13.0	19.4

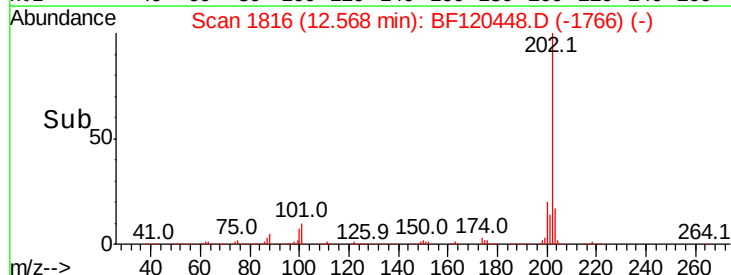
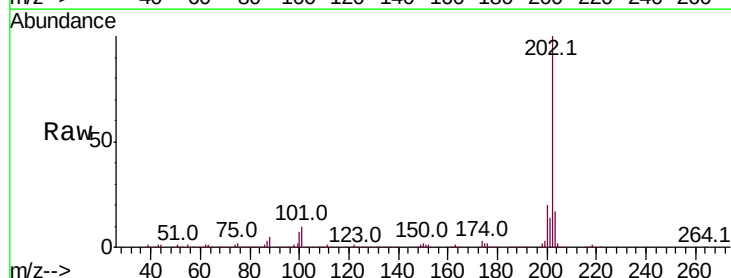
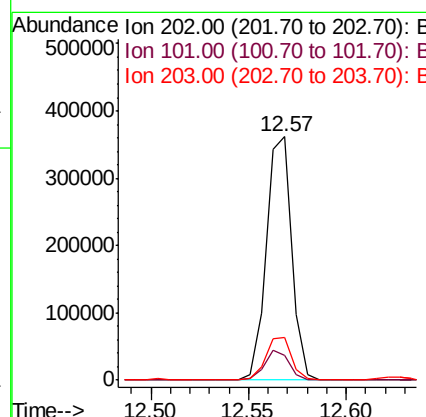
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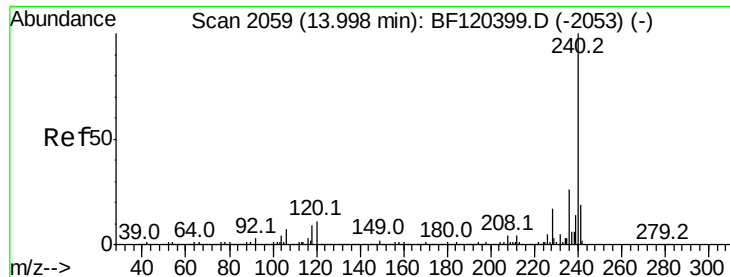
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#75
Fluoranthene
Concen: 8.849 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.6
203	17.4	0.0	38.4





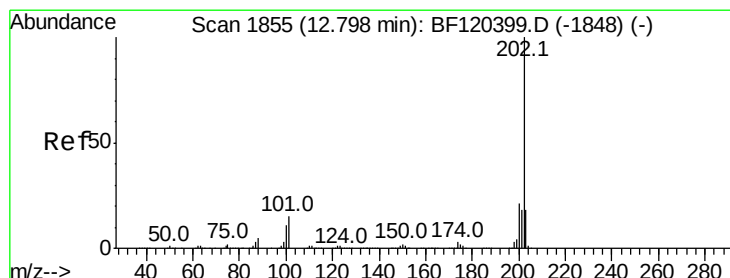
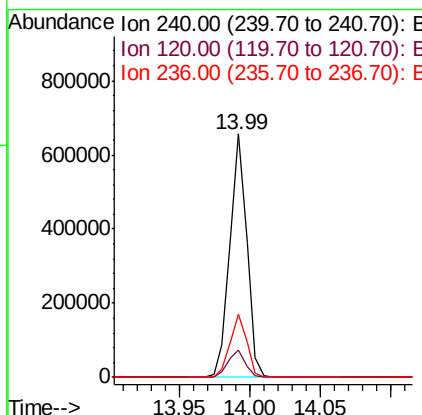
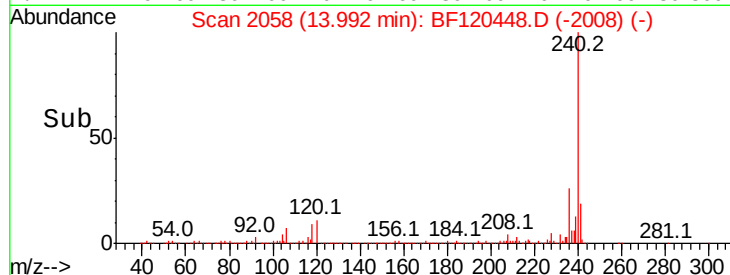
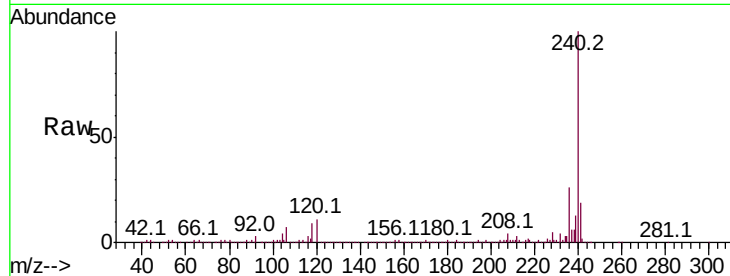
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF120448.D
 Acq: 29 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NM46-COMP-2020-0-6

Tot Ion:	240	Resp:	551739
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.8	13.2
236	26.1	21.0	31.4

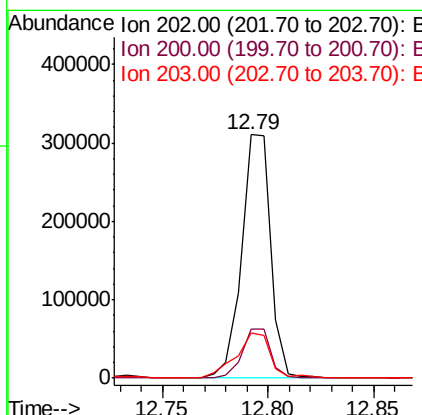
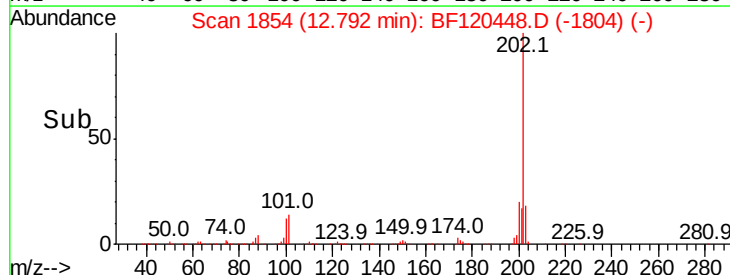
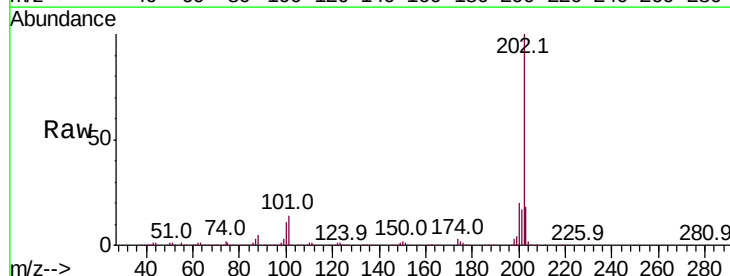
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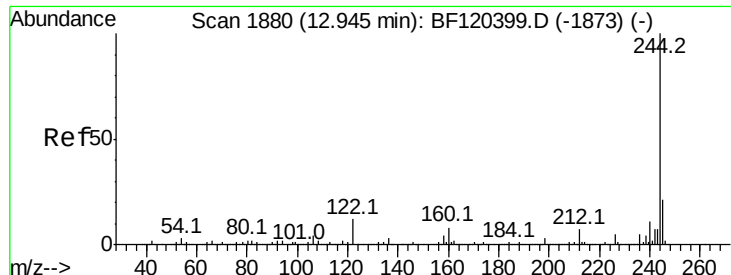
mohammad
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#78
 Pyrene
 Concen: 7.675 ng
 RT: 12.79 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF120448.D
 Acq: 29 May 2020 19:22

Tgt Ion:	202	Resp:	294492
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.0	25.4
203	18.3	14.7	22.1





#79

Terphenyl-d14

Concen: 71.693 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120448.D

Acq: 29 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NM46-COMP-2020-0-6

Tot Ion:244 Resp: 1777602

Ion Ratio Lower Upper

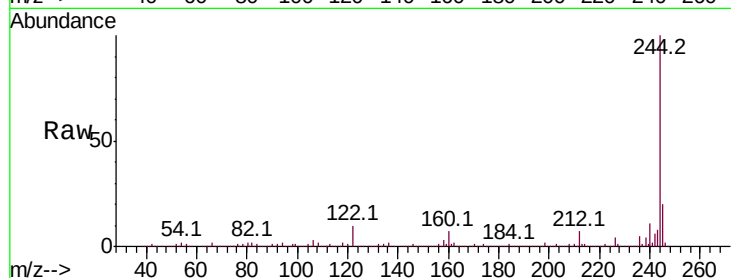
244 100

212 6.7 5.9 8.9

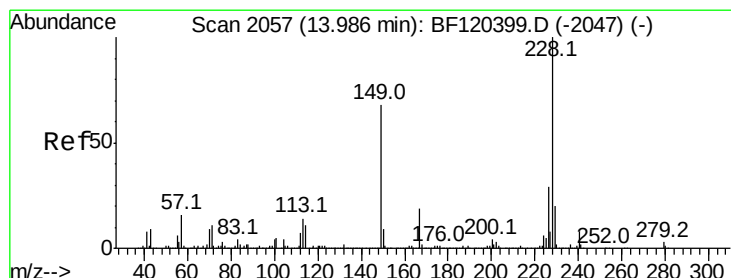
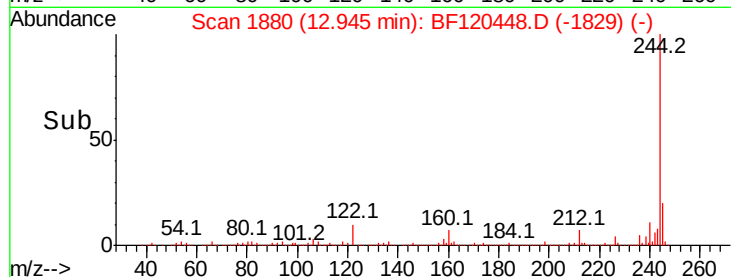
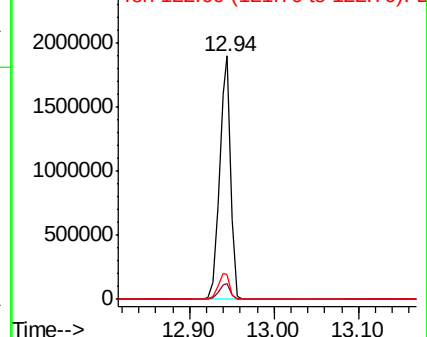
122 10.4 9.2 13.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.541 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120448.D

Acq: 29 May 2020 19:22

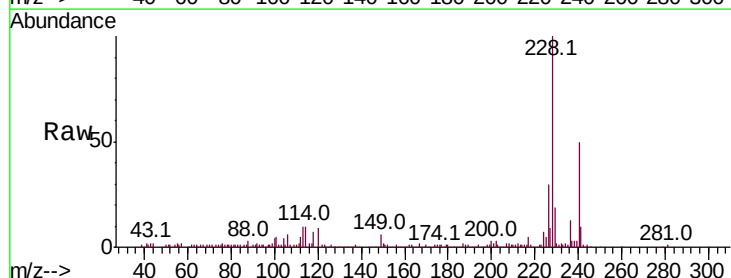
Tgt Ion:228 Resp: 163852

Ion Ratio Lower Upper

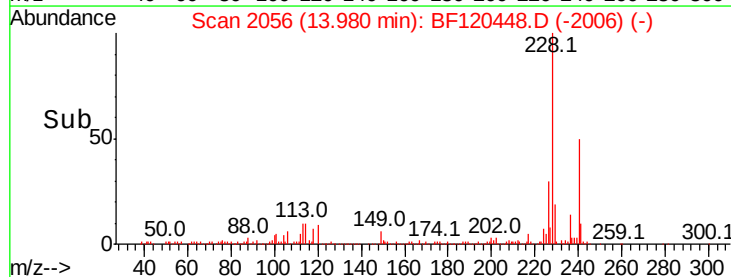
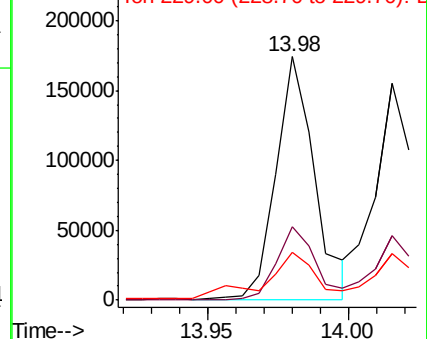
228 100

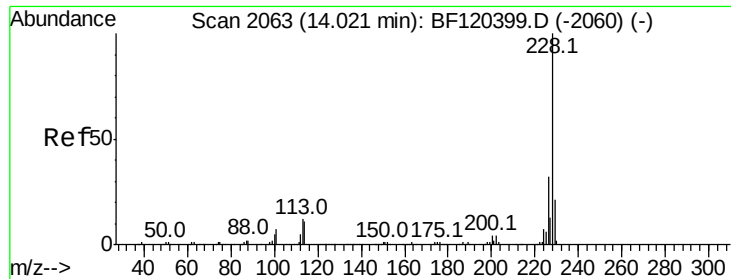
226 30.0 23.0 34.4

229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





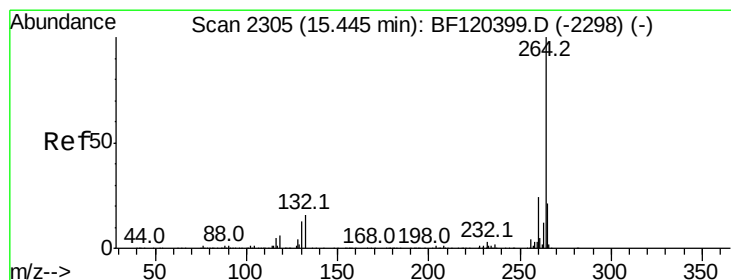
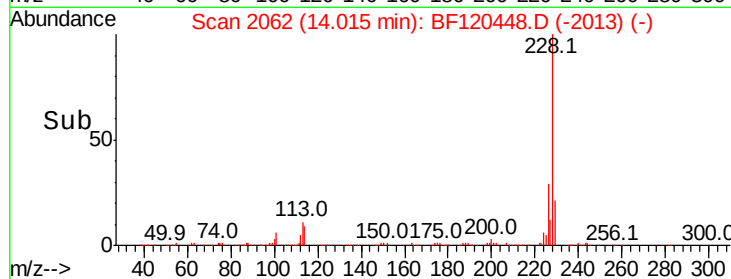
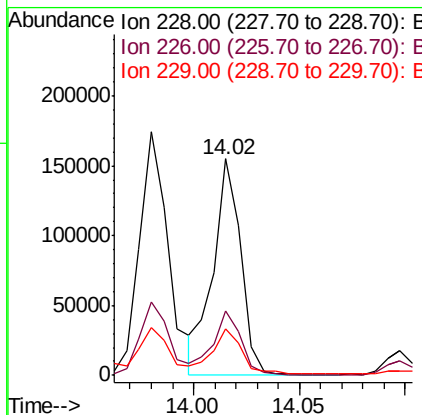
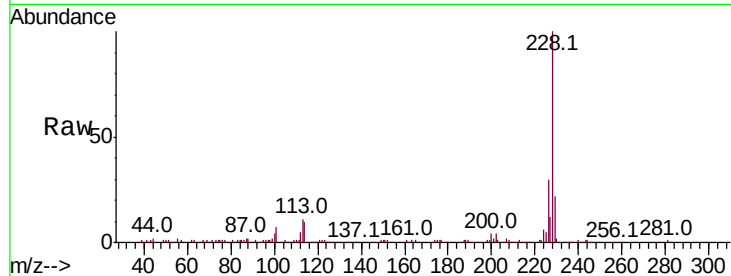
#83
Chrysene
Concen: 4.543 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion:	228	Resp:	140836
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.6	38.4
229	21.7	16.6	25.0

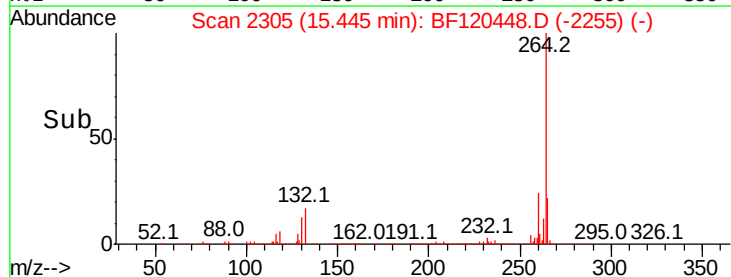
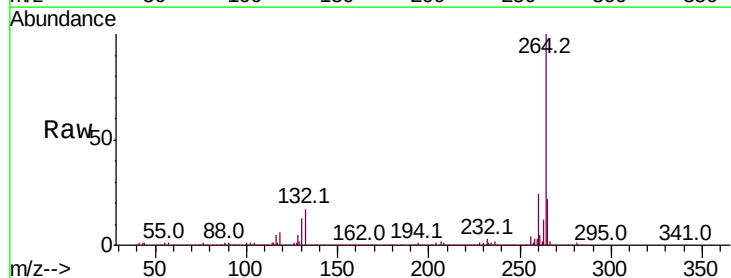
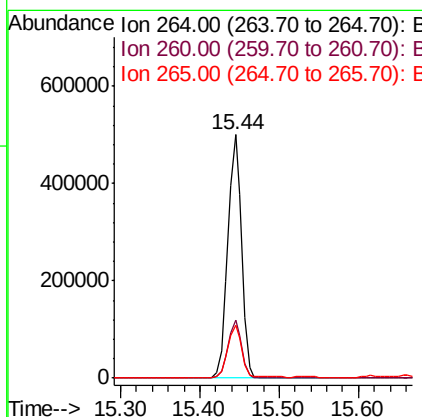
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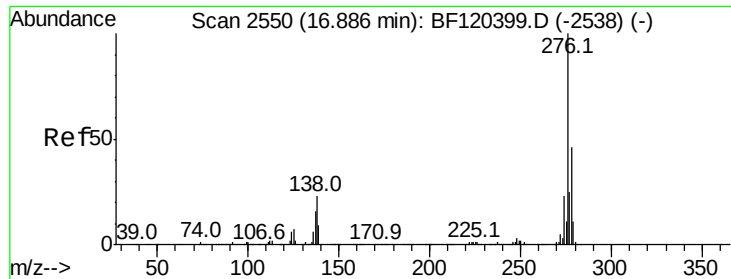
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion:	264	Resp:	603411
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.8	16.9	25.3





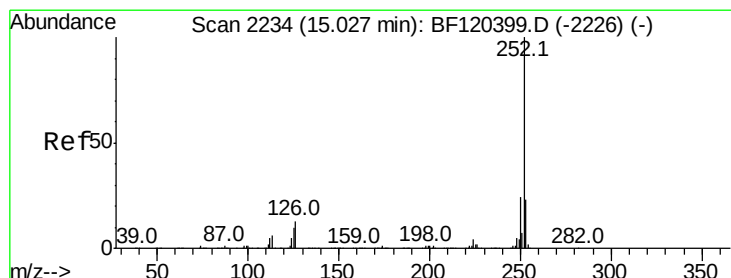
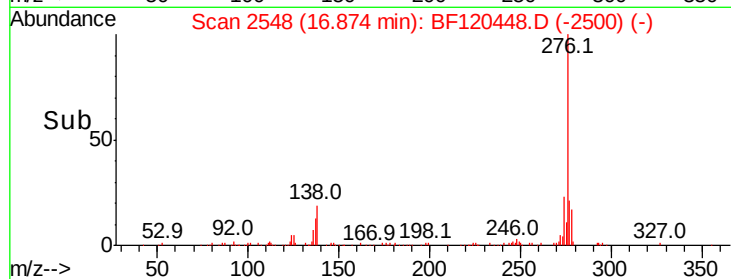
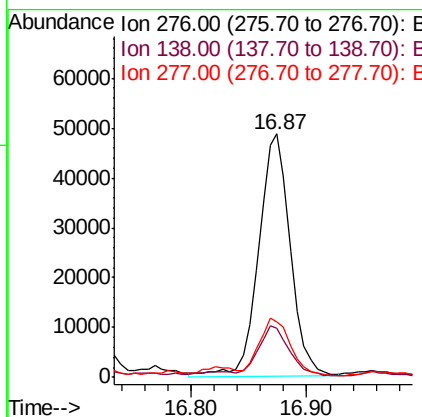
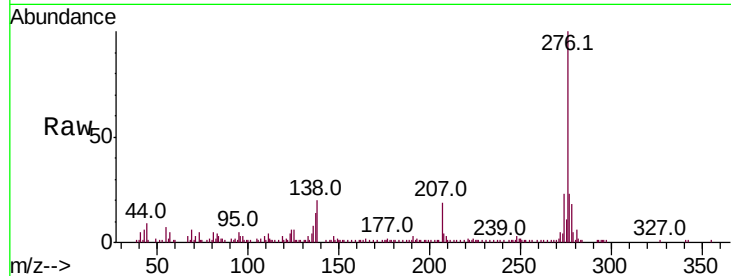
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.821 ng
RT: 16.87 min Scan# 2548
Delta R.T. -0.02 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.4	30.6#
277	23.4	20.4	30.6

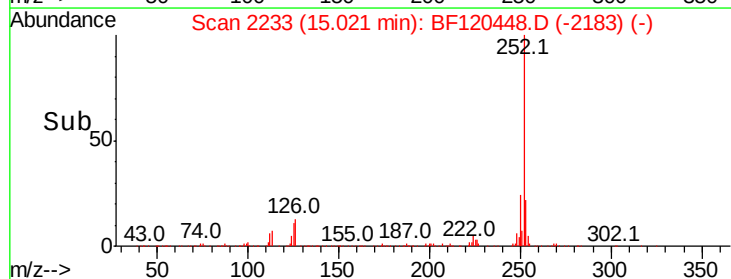
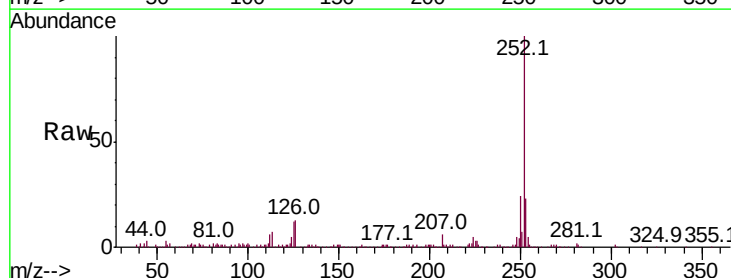
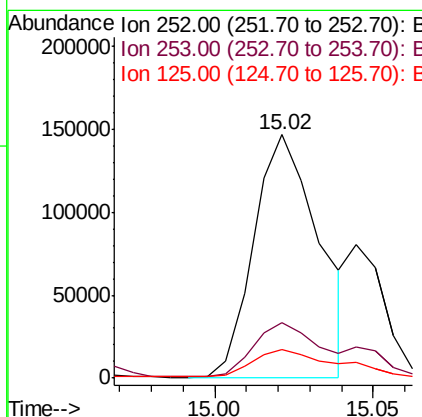
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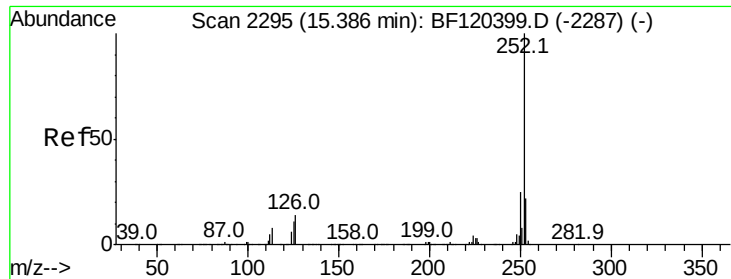
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#88
Benzo(b)fluoranthene
Concen: 6.236 ng m
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.7	7.8	11.8





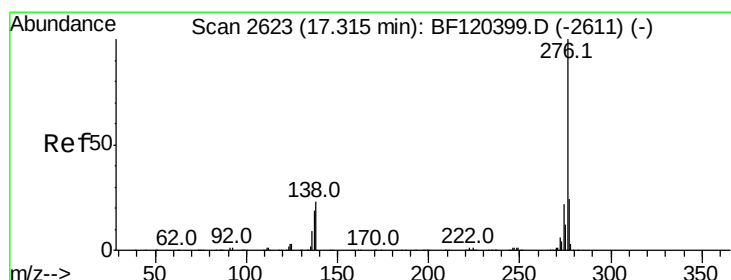
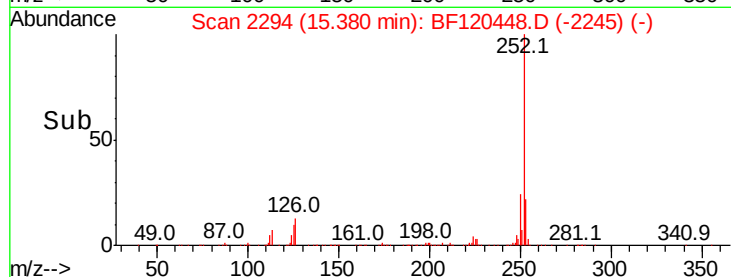
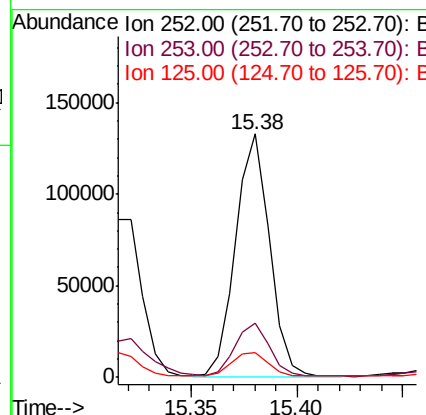
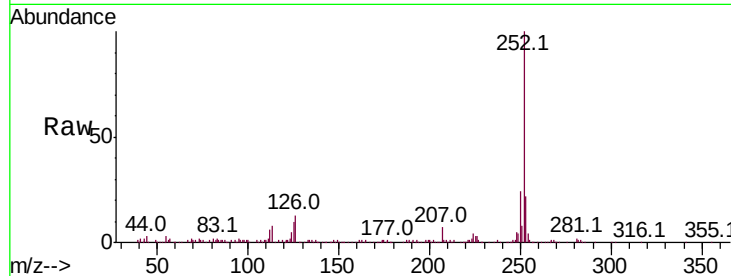
#90
Benzo(a)pyrene
Concen: 5.014 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NM46-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.3	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 3.255 ng
RT: 17.30 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF120448.D
Acq: 29 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	21.7	18.1	27.1

