

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120417.D
 Acq On : 28 May 2020 19:31
 Operator : MA/SJ
 Sample : L2746-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM95-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 04:34:00 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	321009	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1139541	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	535768	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	841865	20.00	ng	0.00
76) Chrysene-d12	13.99	240	282612	20.00	ng	0.00
86) Perylene-d12	15.45	264	555372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1516422	90.03	ng	0.00
7) Phenol-d6	6.47	99	1857006	89.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	1282353	73.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	451698	90.99	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2233588	70.73	ng	0.00
79) Terphenyl-d14	12.94	244	1821389	143.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	342942	10.24	ng	Qvalue 100
71) Phenanthrene	11.38	178	234232	6.31	ng	98
75) Fluoranthene	12.57	202	405585	10.16	ng	96
78) Pyrene	12.80	202	348754	17.74	ng	98
81) Benzo(a)anthracene	13.98	228	127615	8.43	ng	99
83) Chrysene	14.02	228	136586	8.60	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	5593729	580.76	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.87	276	82219	2.71	ng	96
88) Benzo(b)fluoranthene	15.03	252	228851m	7.42	ng	
89) Benzo(k)fluoranthene	15.05	252	58666m	2.04	ng	
90) Benzo(a)pyrene	15.38	252	145812	5.40	ng	98
92) Benzo(g,h,i)perylene	17.31	276	75318	3.08	ng	96

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

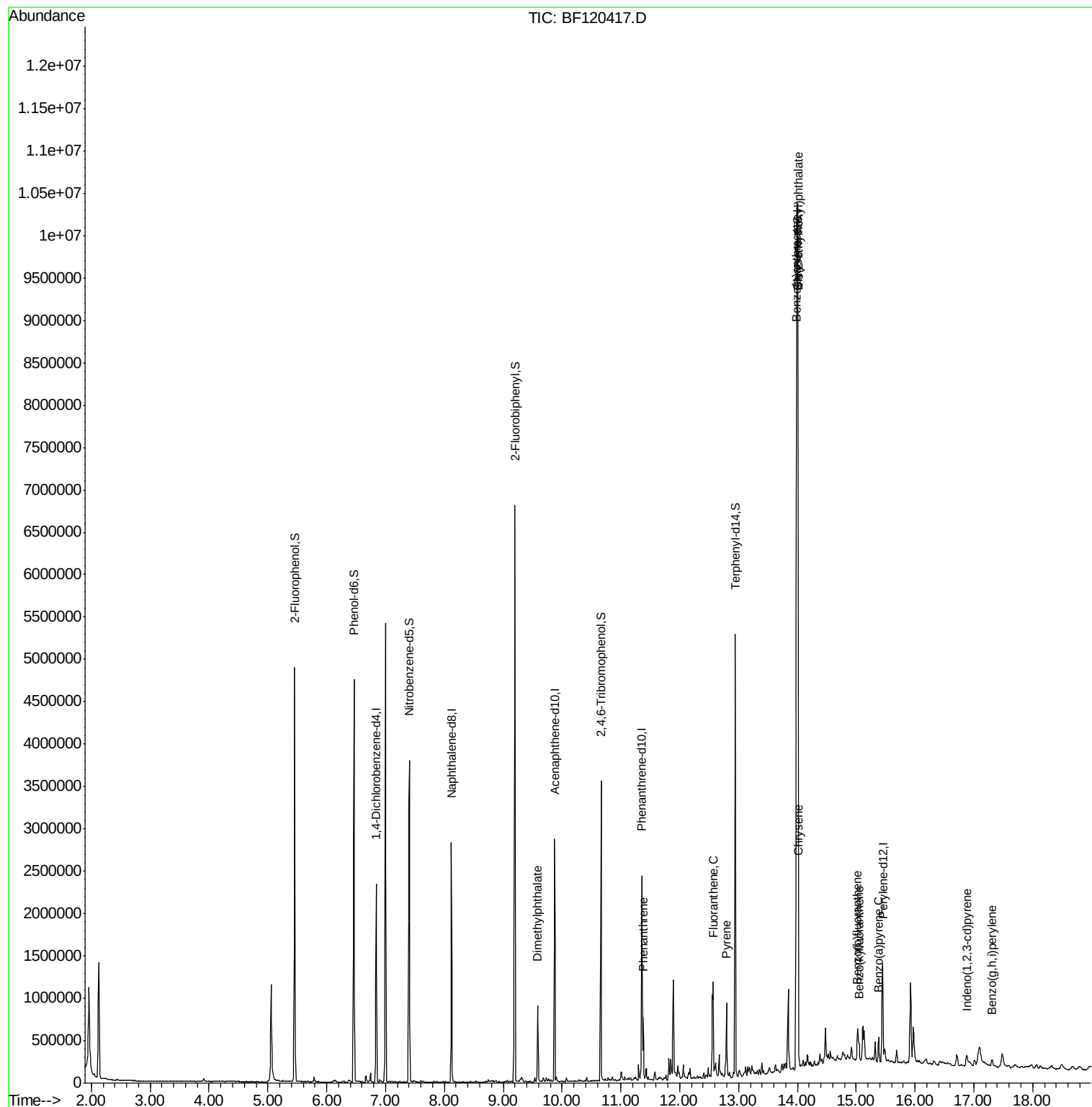
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120417.D
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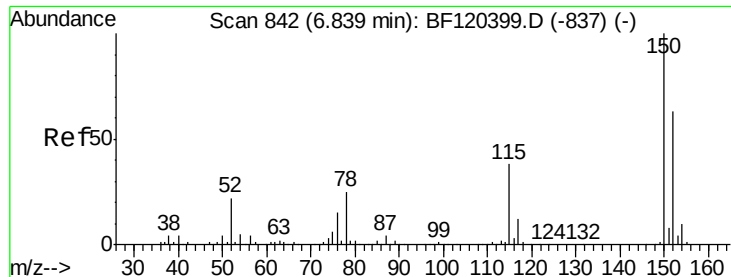
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

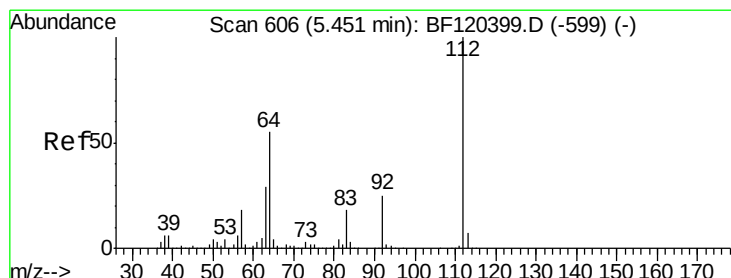
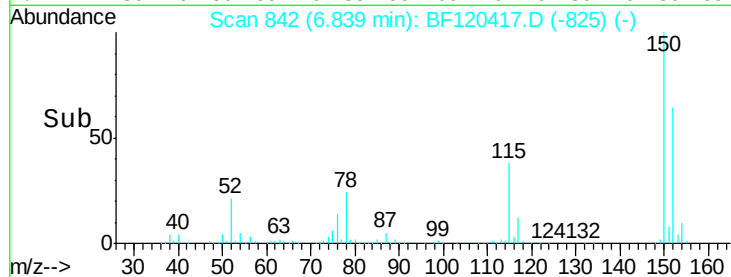
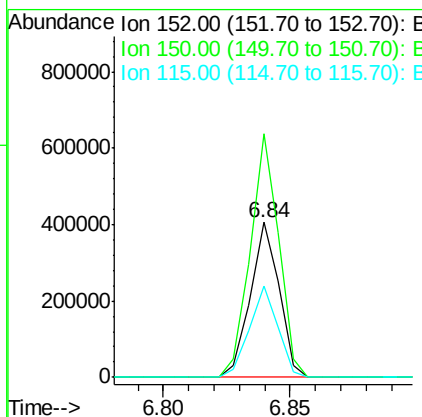
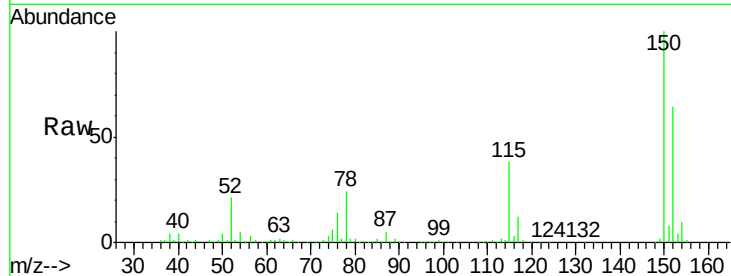
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.5	189.7
115	59.0	47.6	71.4

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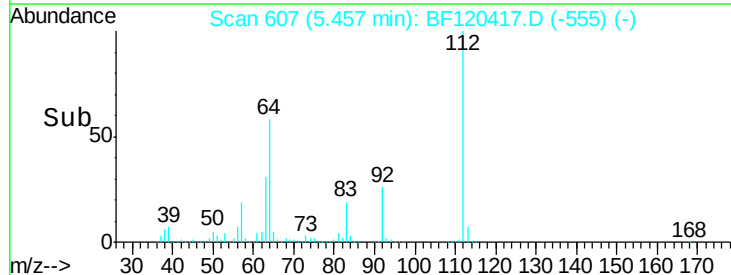
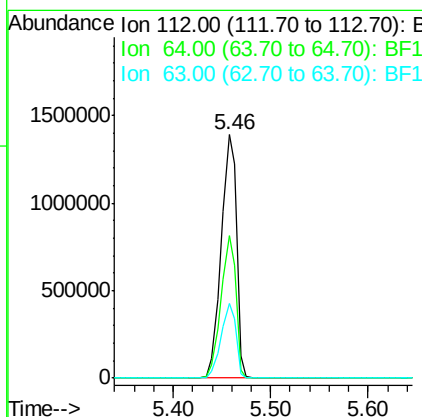
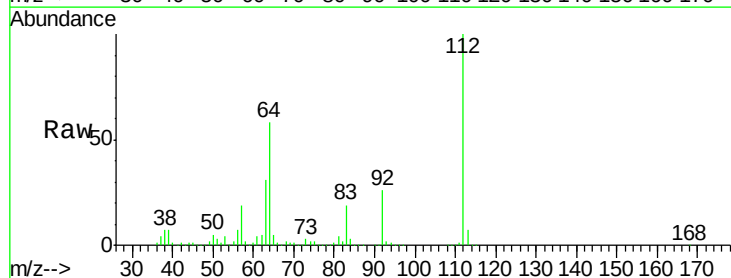
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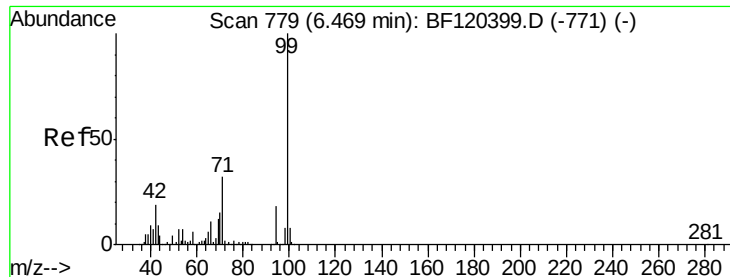


#5

2-Fluorophenol
Concen: 90.03 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.3	66.5
63	30.7	22.9	34.3





#7

Phenol-d6

Concen: 89.44 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

Instrument :

BNA_F

ClientSampleId :

NM95-COMP-2020-0-6

Tgt Ion: 99 Resp: 1857006

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

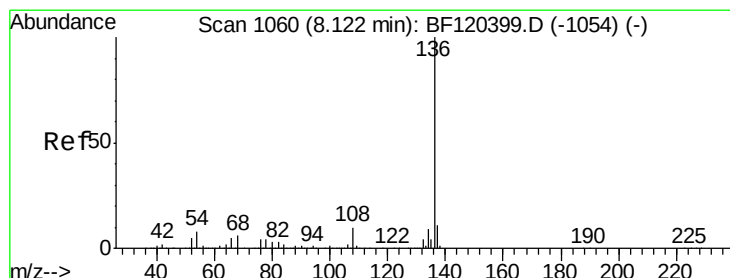
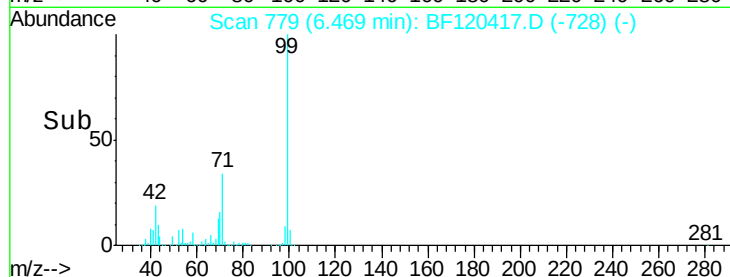
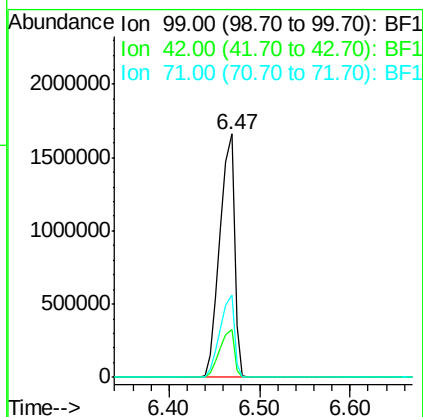
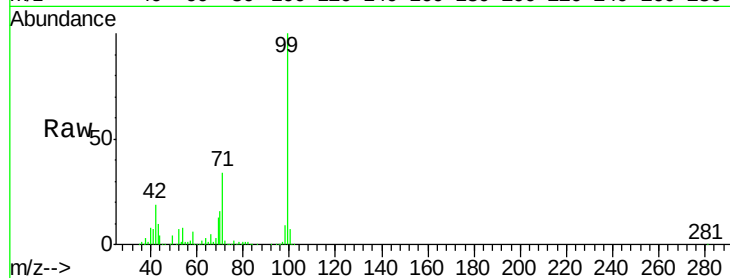
71 34.0 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

Tgt Ion: 136 Resp: 1139541

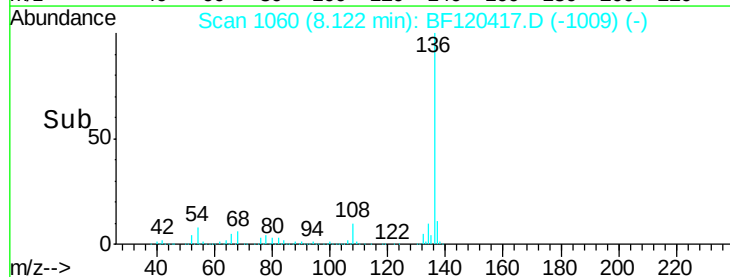
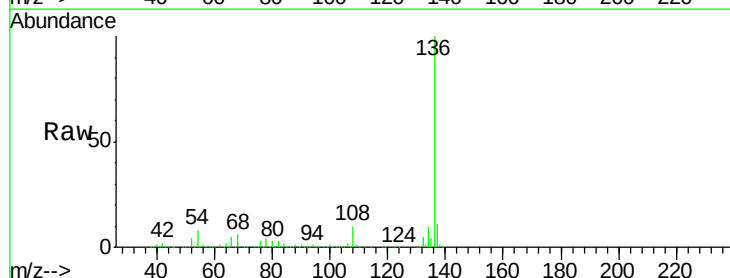
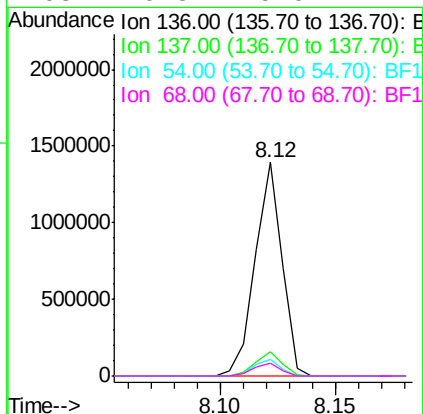
Ion Ratio Lower Upper

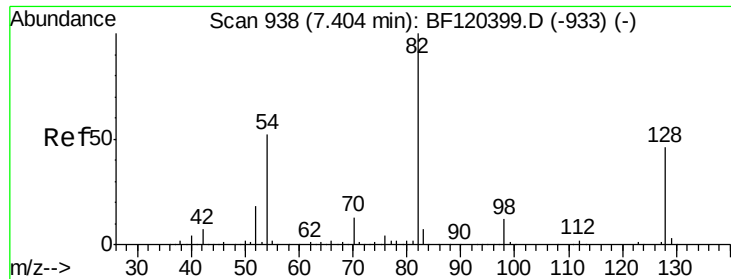
136 100

137 11.4 9.1 13.7

54 8.0 6.7 10.1

68 6.3 5.0 7.4





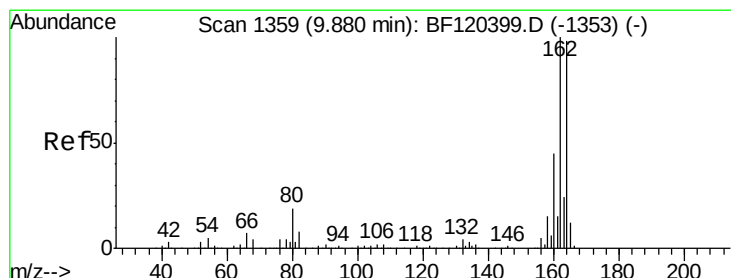
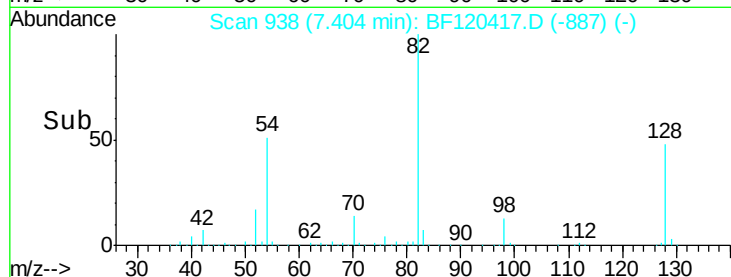
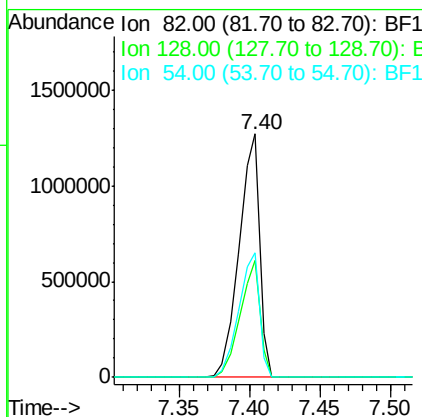
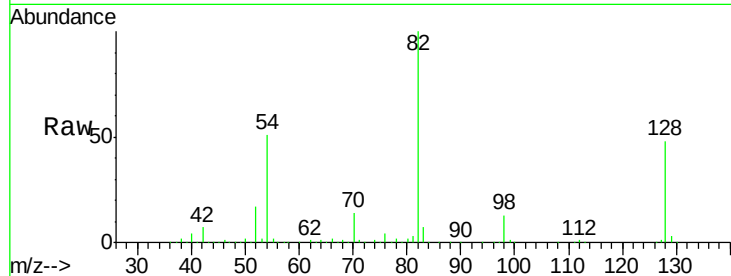
#23
 Nitrobenzene-d5
 Concen: 73.61 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Instrument :
 BNA_F
 ClientSampleId :
 NM95-COMP-2020-0-6

Tgt Ion: 82 Resp: 1282353
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.8 55.2
 54 51.1 41.6 62.4

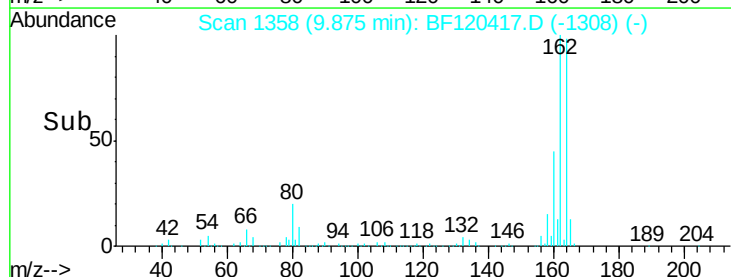
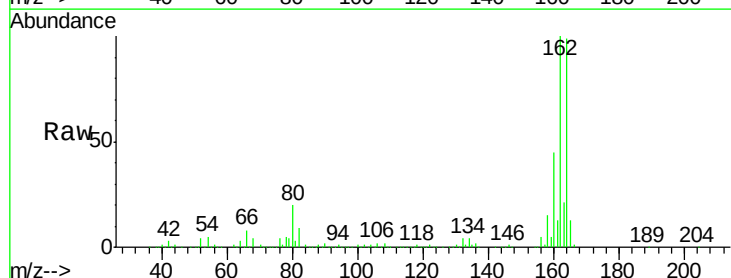
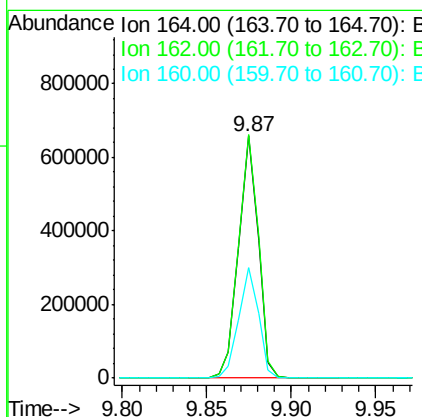
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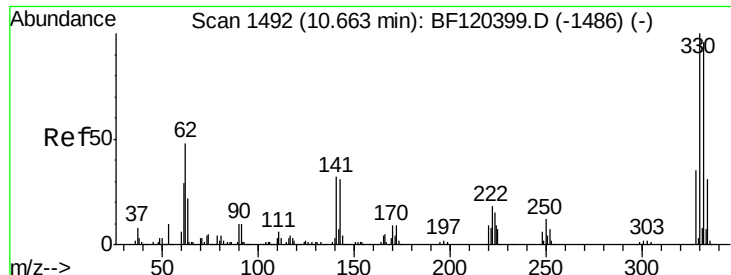
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Tgt Ion: 164 Resp: 535768
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.3 121.9
 160 45.7 36.9 55.3





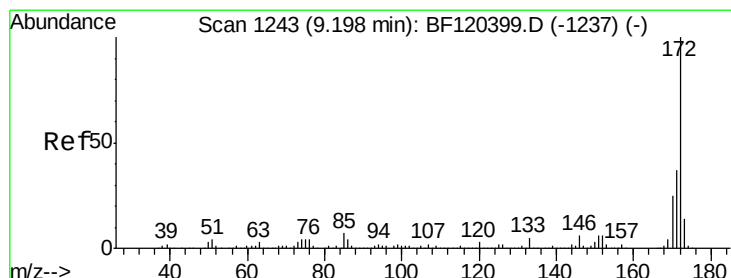
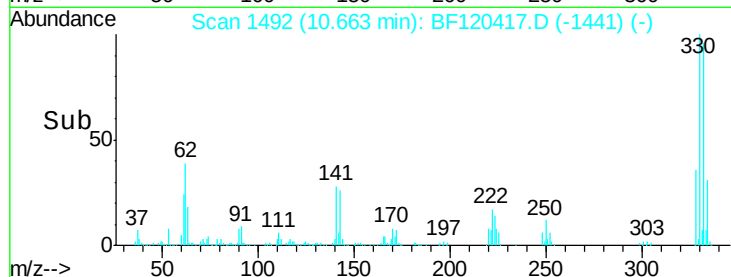
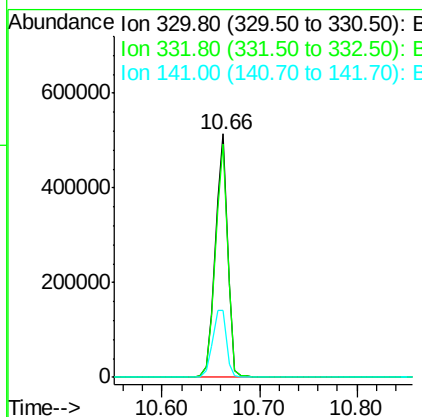
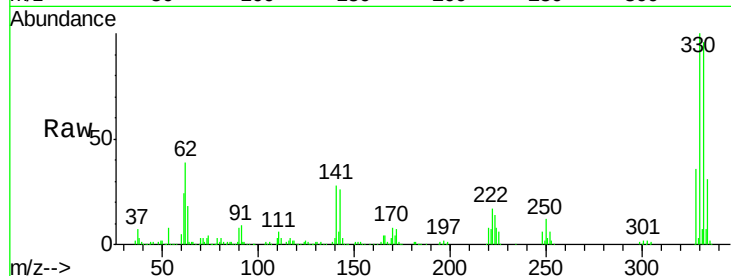
#42
 2,4,6-Tribromophenol
 Concen: 90.99 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Instrument :
 BNA_F
 ClientSampleId :
 NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	451698		
332	96.0	77.0	115.6	
141	31.4	25.3	37.9	

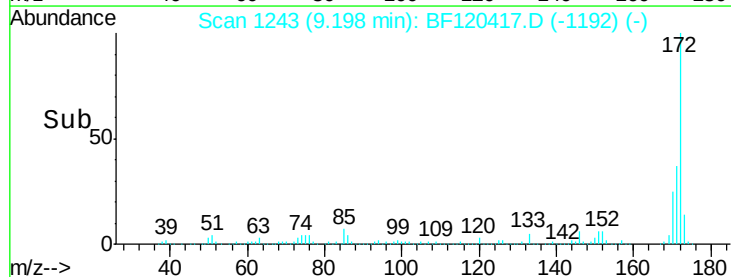
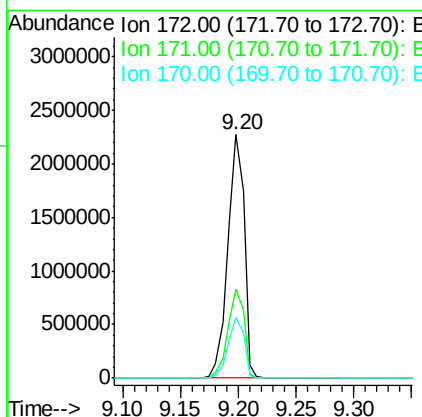
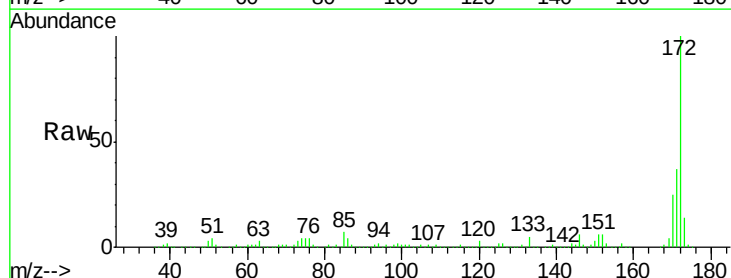
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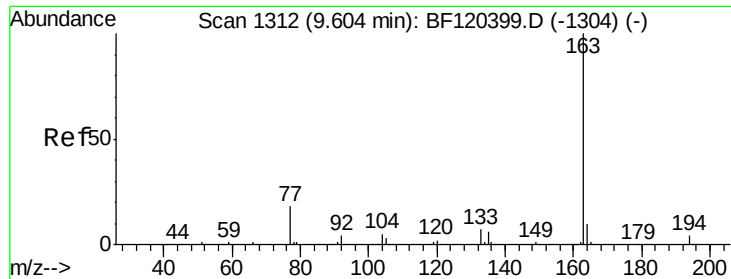
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#45
 2-Fluorobiphenyl
 Concen: 70.73 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2233588		
171	36.6	29.7	44.5	
170	24.8	19.9	29.9	





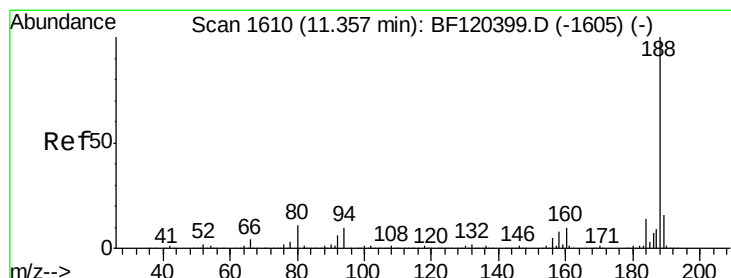
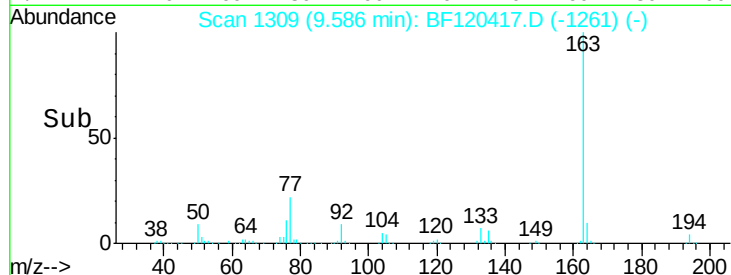
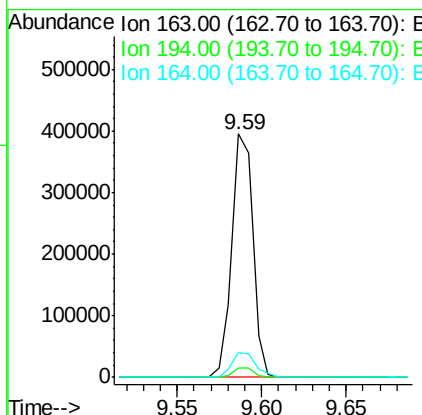
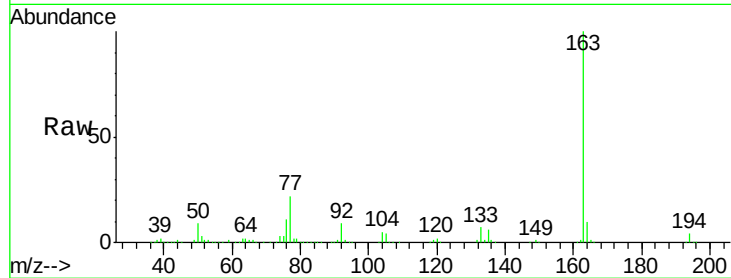
#50
Dimethylphthalate
Concen: 10.24 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	342942		
194	3.7		3.3	4.9
164	10.3		8.3	12.5

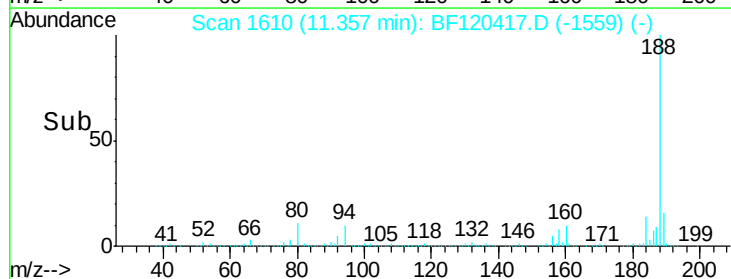
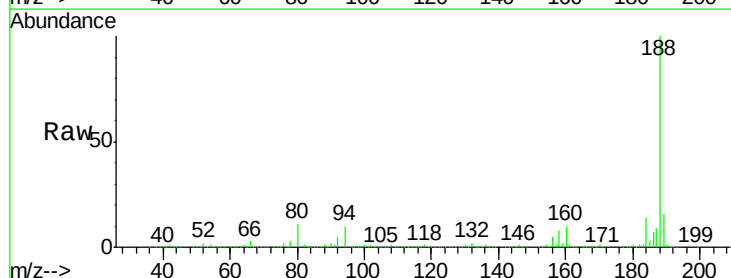
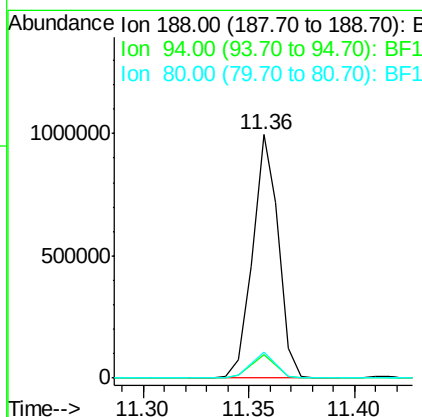
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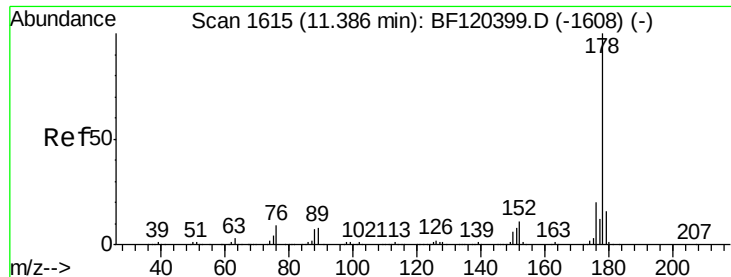
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	841865		
94	9.7		7.9	11.9
80	10.6		8.6	13.0





#71

Phenanthrene

Concen: 6.31 ng

RT: 11.38 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

Instrument :

BNA_F

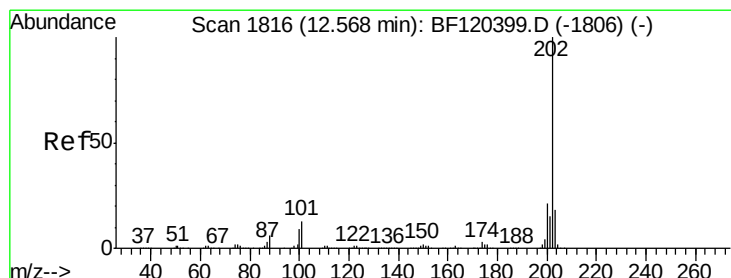
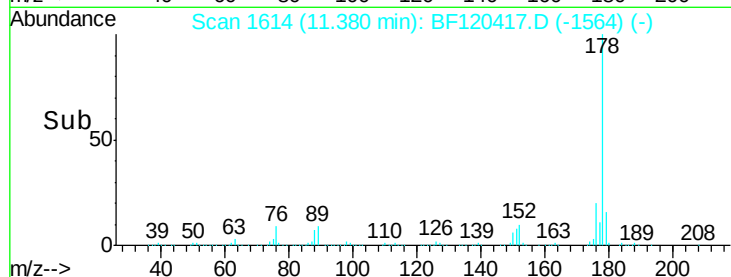
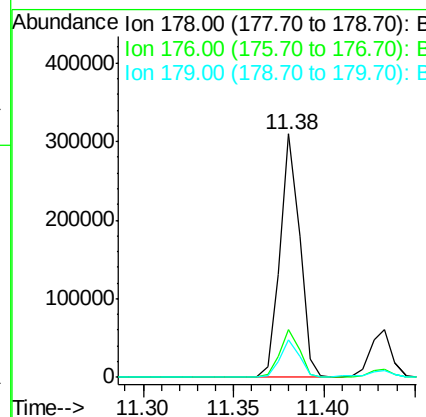
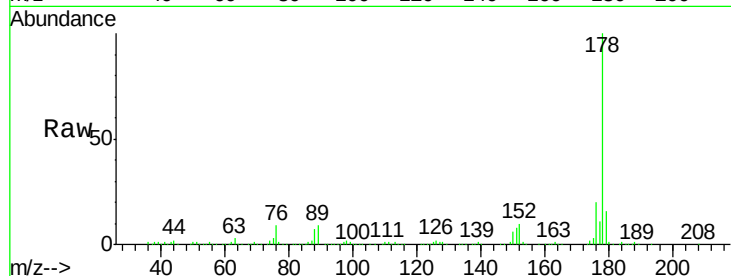
ClientSampleId :

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Tgt Ion:	178	Resp:	234232
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.4	24.6
179	15.5	13.0	19.4

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#75

Fluoranthene

Concen: 10.16 ng

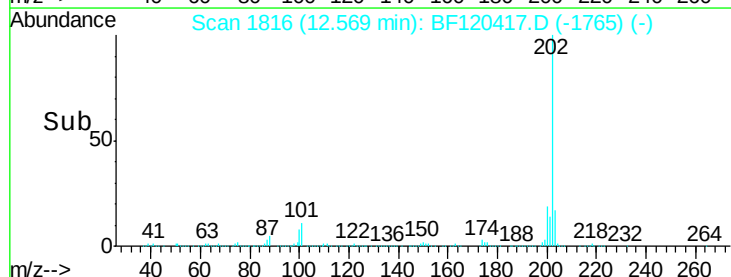
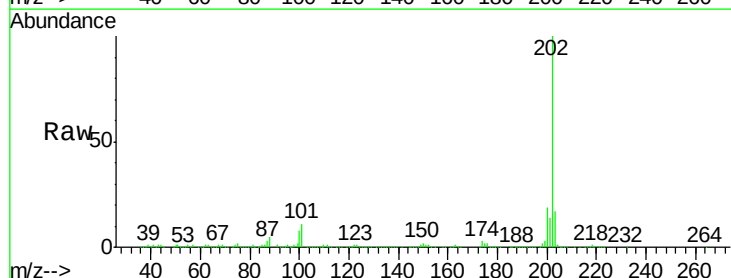
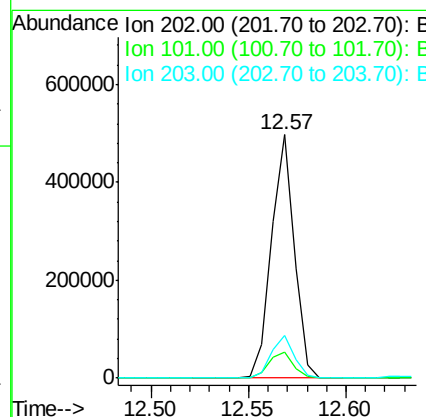
RT: 12.57 min Scan# 1816

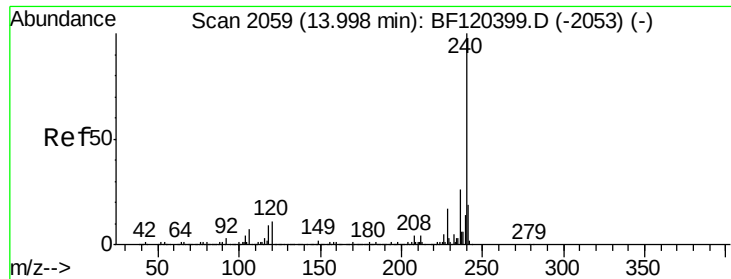
Delta R.T. 0.00 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

Tgt Ion:	202	Resp:	405585
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	32.6
203	17.3	0.0	38.4





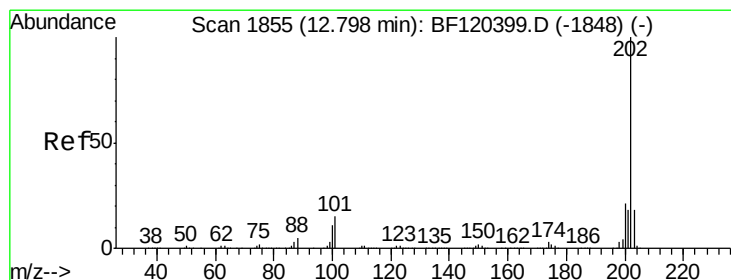
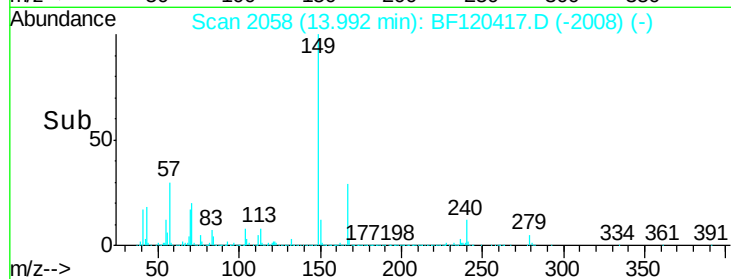
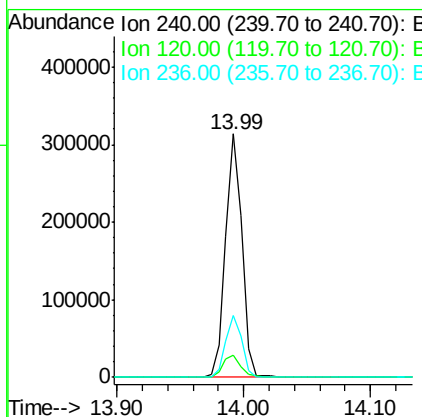
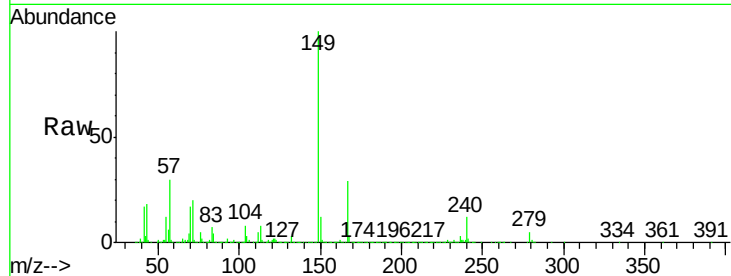
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	282612		
120	9.0	8.8	13.2	
236	25.2	21.0	31.4	

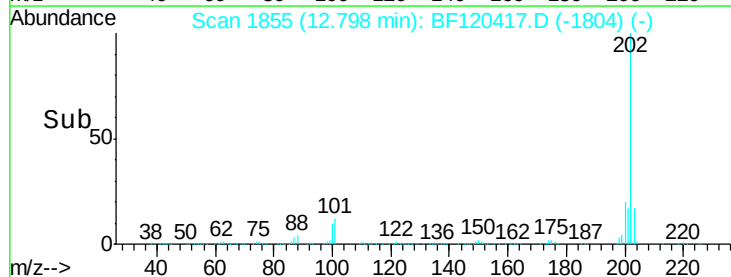
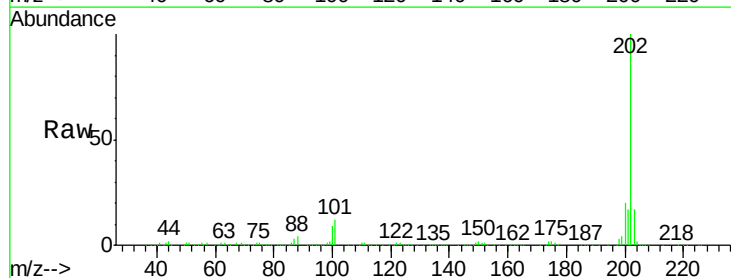
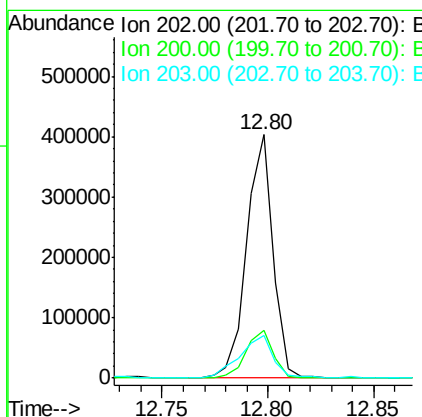
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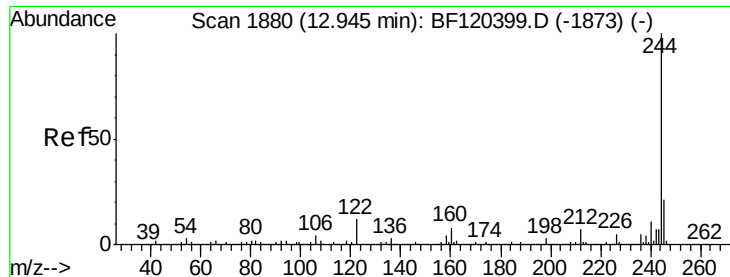
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#78
Pyrene
Concen: 17.74 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	348754		
200	19.9	17.0	25.4	
203	17.5	14.7	22.1	





#79

Terphenyl-d14

Concen: 143.41 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

Instrument :

BNA_F

ClientSampleId :

NM95-COMP-2020-0-6

Tgt Ion:244 Resp: 1821389

Ion Ratio Lower Upper

244 100

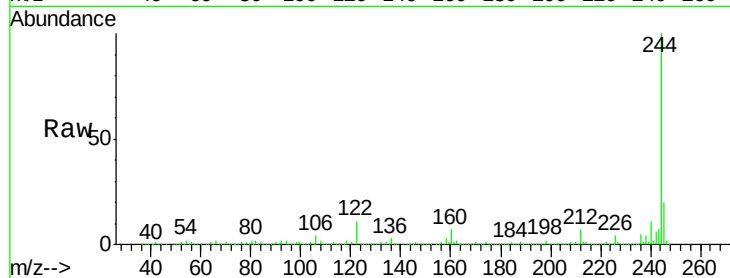
212 6.9 5.9 8.9

122 10.9 9.2 13.8

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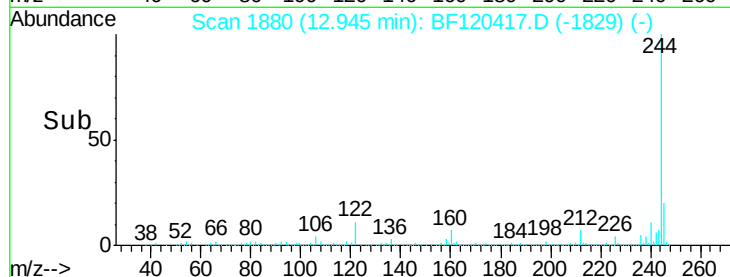


Abundance Ion 244.00 (243.70 to 244.70): E

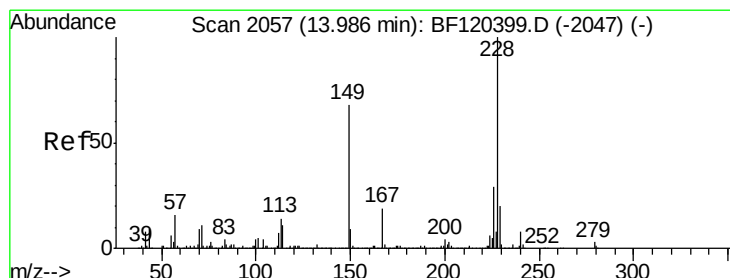
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#81

Benzo(a)anthracene

Concen: 8.43 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120417.D

Acq: 28 May 2020 19:31

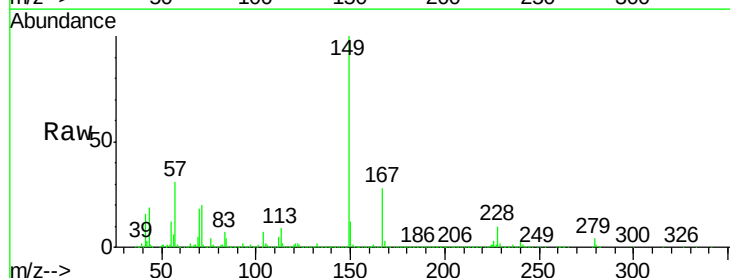
Tgt Ion:228 Resp: 127615

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.4

229 20.5 16.2 24.4

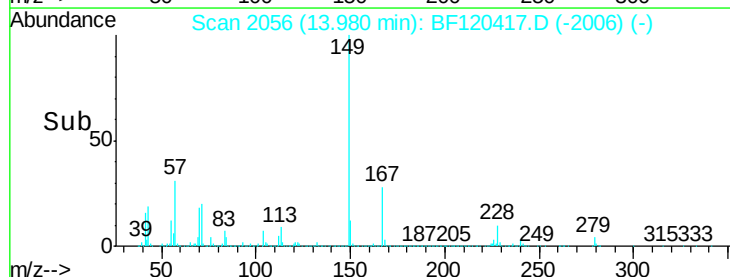


Abundance Ion 228.00 (227.70 to 228.70): E

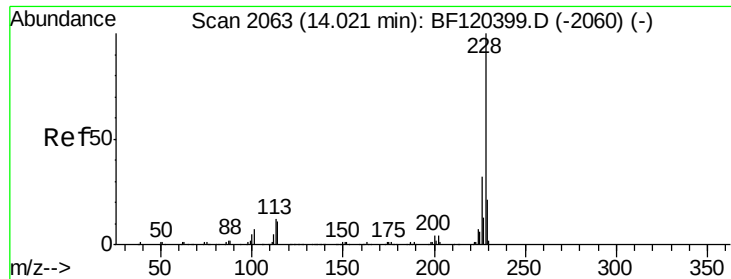
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



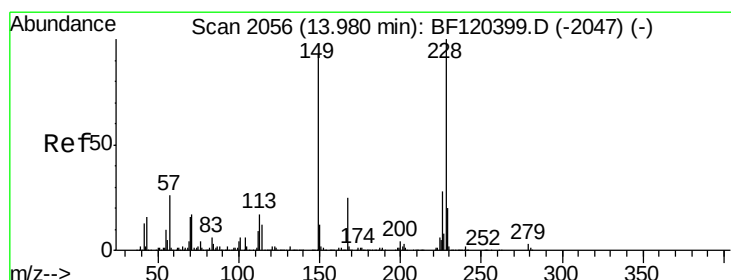
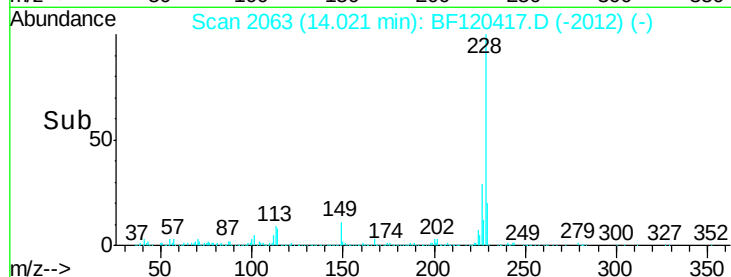
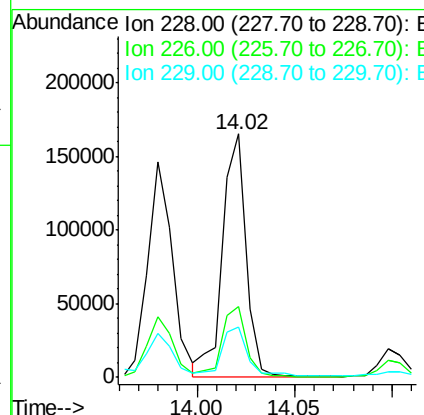
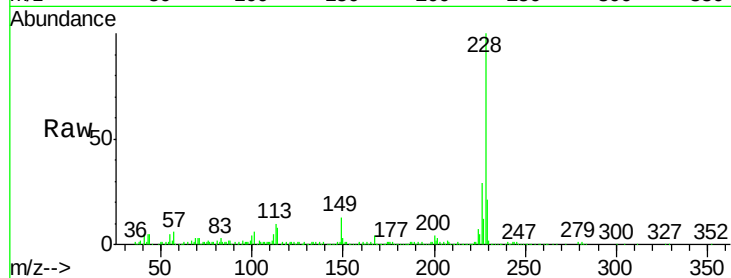
#83
Chrysene
 Concen: 8.60 ng
 RT: 14.02 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Instrument :
 BNA_F
 ClientSampleId :
 NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	136586		
226	29.3	25.6	38.4	
229	20.5	16.6	25.0	

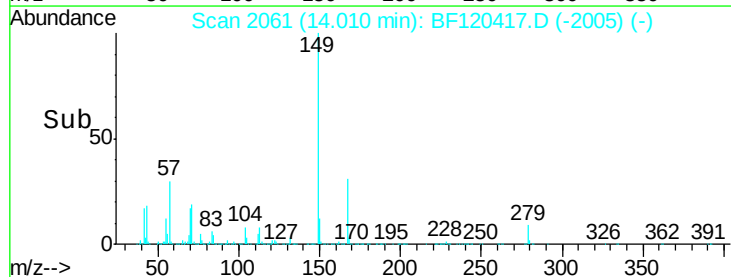
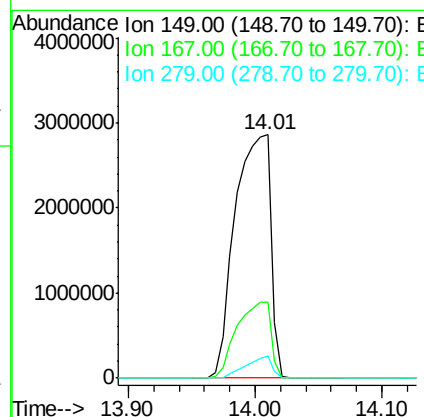
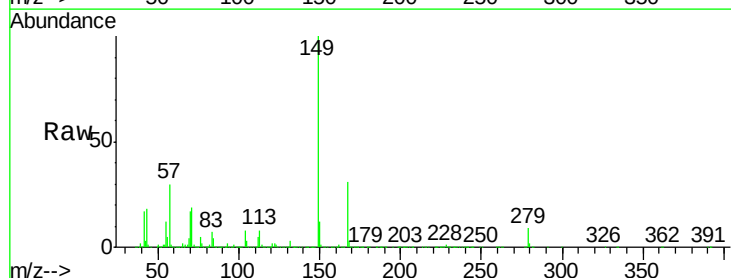
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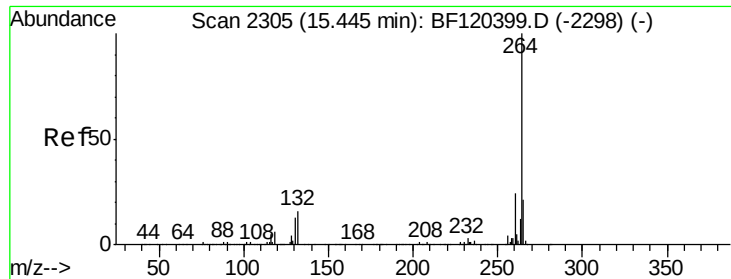
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 580.76 ng
 RT: 14.01 min Scan# 2061
 Delta R.T. 0.03 min
 Lab File: BF120417.D
 Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	5593729		
167	31.4	21.7	32.5	
279	9.1	2.9	4.3#	





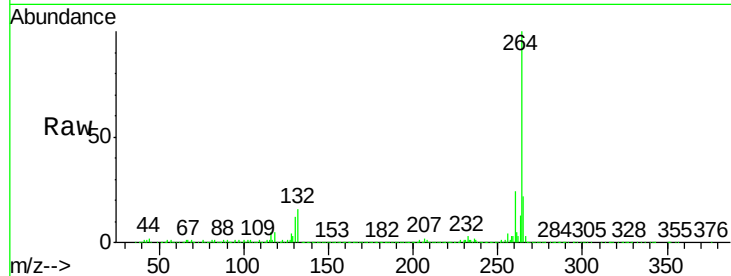
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

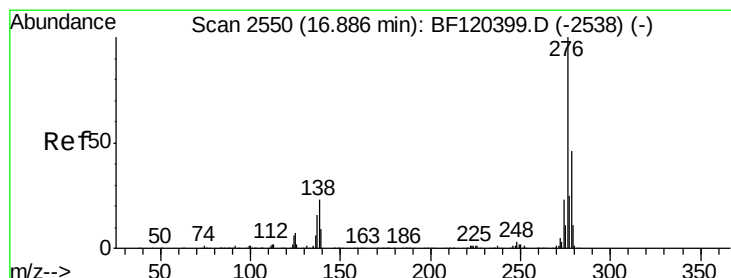
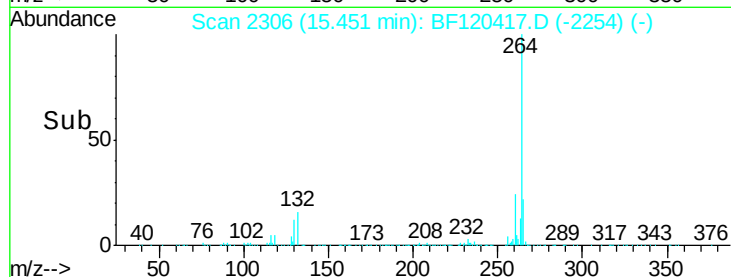
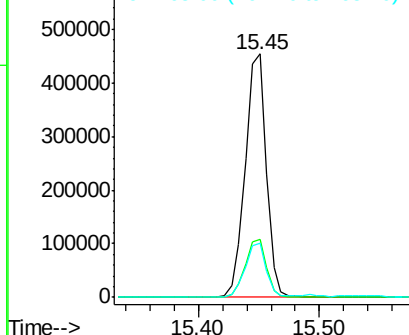
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	16.9	25.3

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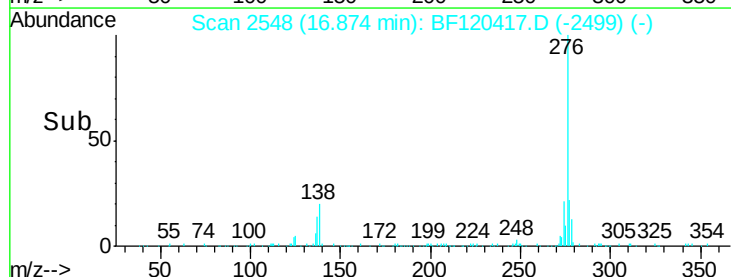
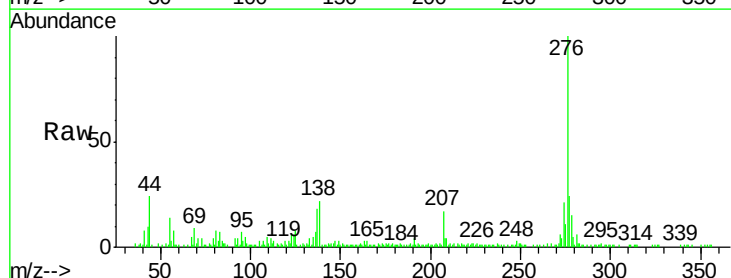
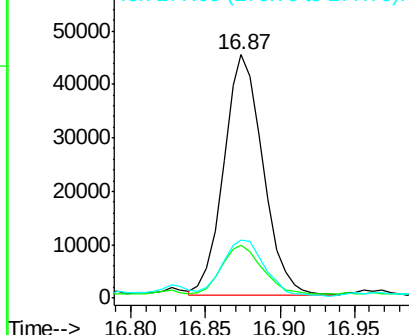
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

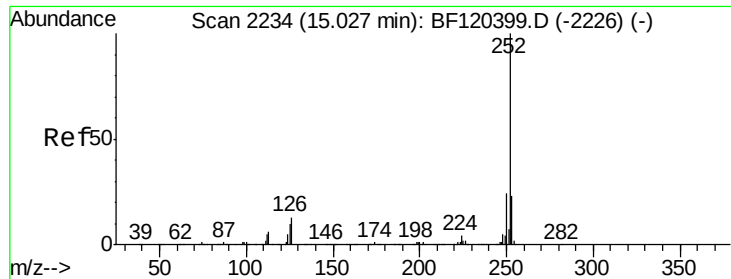


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.71 ng
RT: 16.87 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.4	30.6
277	25.1	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





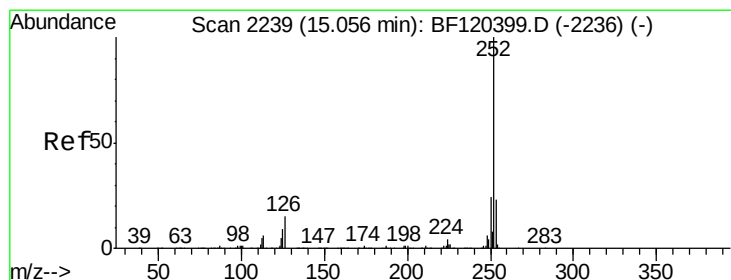
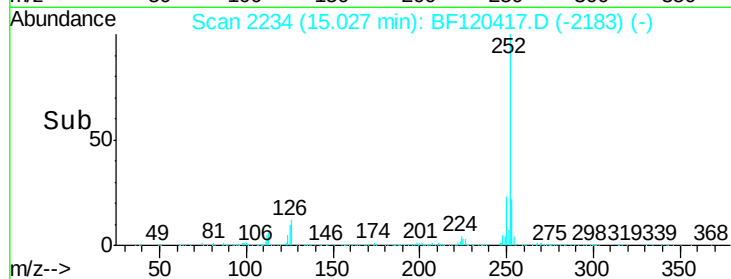
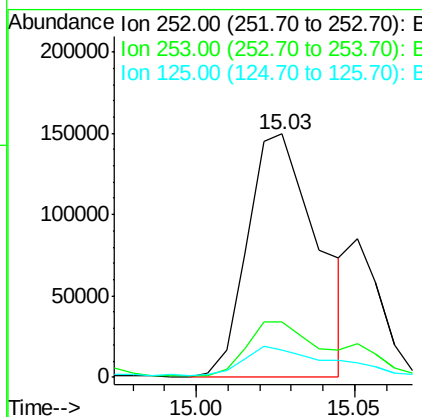
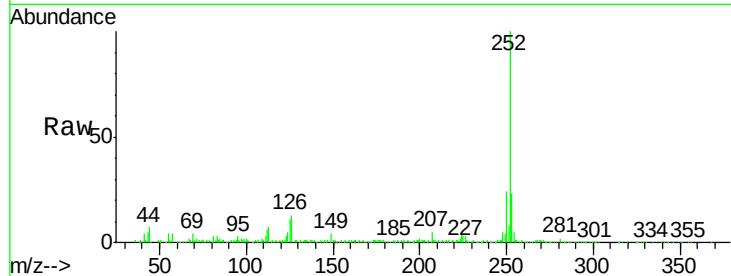
#88
Benzo(b)fluoranthene
Concen: 7.42 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	228851		
253	22.6	18.1	27.1	
125	11.2	7.8	11.8	

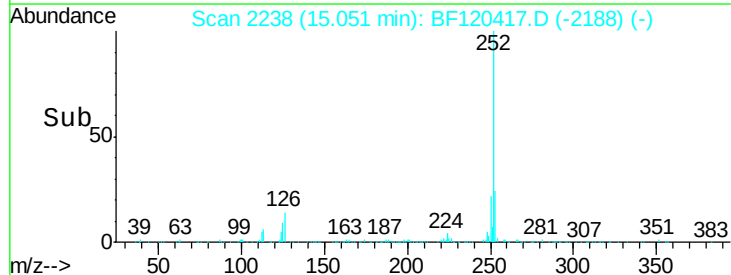
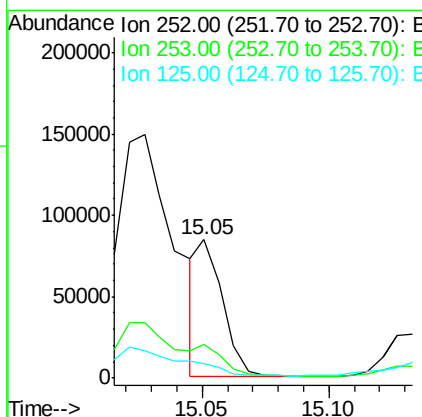
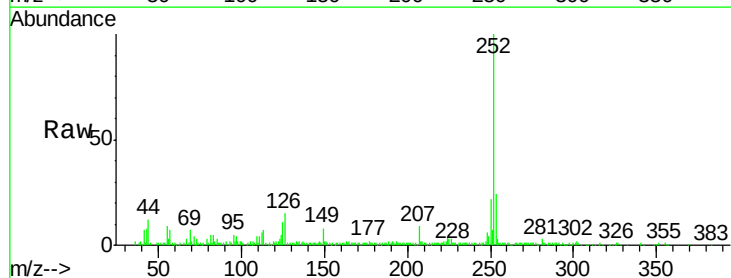
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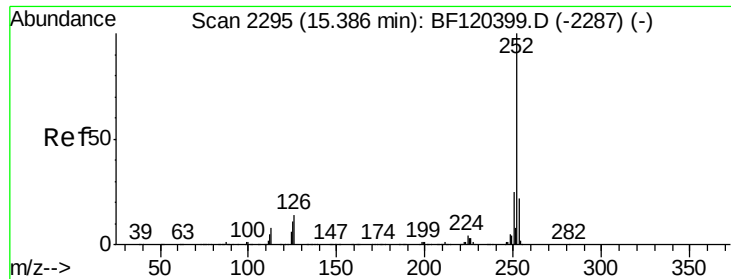
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#89
Benzo(k)fluoranthene
Concen: 2.04 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	58666		
253	24.1	18.5	27.7	
125	10.8	8.0	12.0	





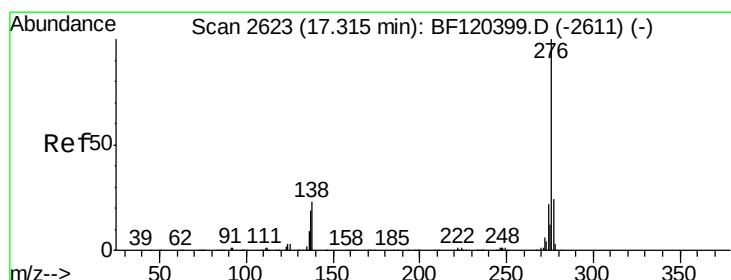
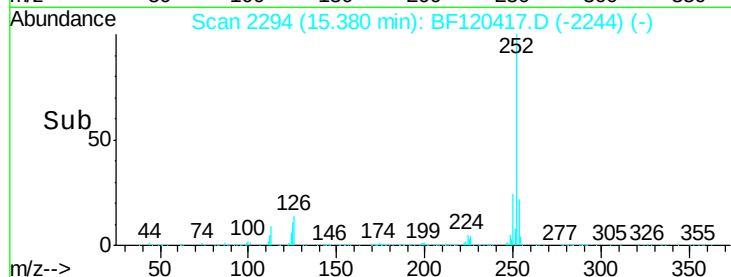
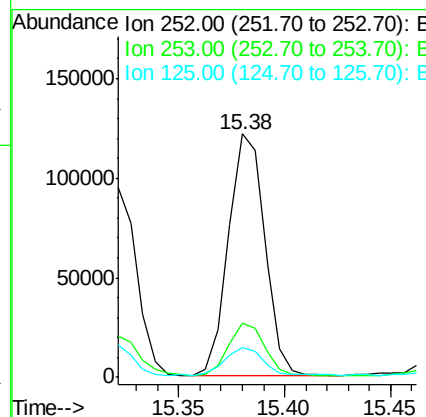
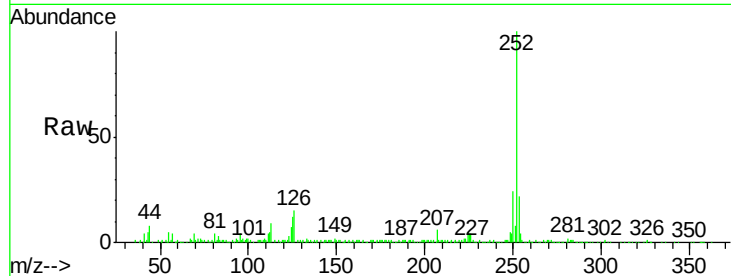
#90
Benzo(a)pyrene
Concen: 5.40 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Instrument :
BNA_F
ClientSampleId :
NM95-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	145812		
253	22.4	17.4	26.0	
125	12.3	8.7	13.1	

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#92
Benzo(g,h,i)perylene
Concen: 3.08 ng
RT: 17.31 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF120417.D
Acq: 28 May 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	75318		
277	27.2	19.5	29.3	
138	21.6	18.1	27.1	

