

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120425.D
 Acq On : 28 May 2020 23:21
 Operator : MA/SJ
 Sample : L2746-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM77-COMP-2020-0-6

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Quant Time: May 29 05:37:04 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	237017	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	816861	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	360973	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	620662	20.00	ng	0.00
76) Chrysene-d12	14.00	240	537417	20.00	ng	0.00
86) Perylene-d12	15.45	264	465904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1202041	96.65	ng	0.00
7) Phenol-d6	6.47	99	1438639	93.85	ng	0.00
23) Nitrobenzene-d5	7.40	82	908857	72.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	331736	99.19	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1622173	76.25	ng	0.00
79) Terphenyl-d14	12.94	244	1593762	65.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	217851	9.653	ng	Qvalue 100
71) Phenanthrene	11.39	178	344375	12.592	ng	97
72) Anthracene	11.43	178	87321	3.182	ng	99
75) Fluoranthene	12.57	202	585077	19.882	ng	96
78) Pyrene	12.80	202	539271	14.429	ng	98
81) Benzo(a)anthracene	13.99	228	311719	10.823	ng	98
83) Chrysene	14.02	228	260586	8.630	ng	96
84) Bis(2-ethylhexyl)phthalate	13.98	149	55840	3.049	ng	95
85) Di-n-octyl phthalate	14.57	149	721160	22.755	ng	# 60
87) Indeno(1,2,3-cd)pyrene	16.89	276	124266	4.877	ng	95
88) Benzo(b)fluoranthene	15.03	252	303673m	11.735	ng	
89) Benzo(k)fluoranthene	15.06	252	110176m	4.561	ng	
90) Benzo(a)pyrene	15.39	252	211772	9.356	ng	97
92) Benzo(a,h,i)perylene	17.32	276	115080	5.616	ng	98

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

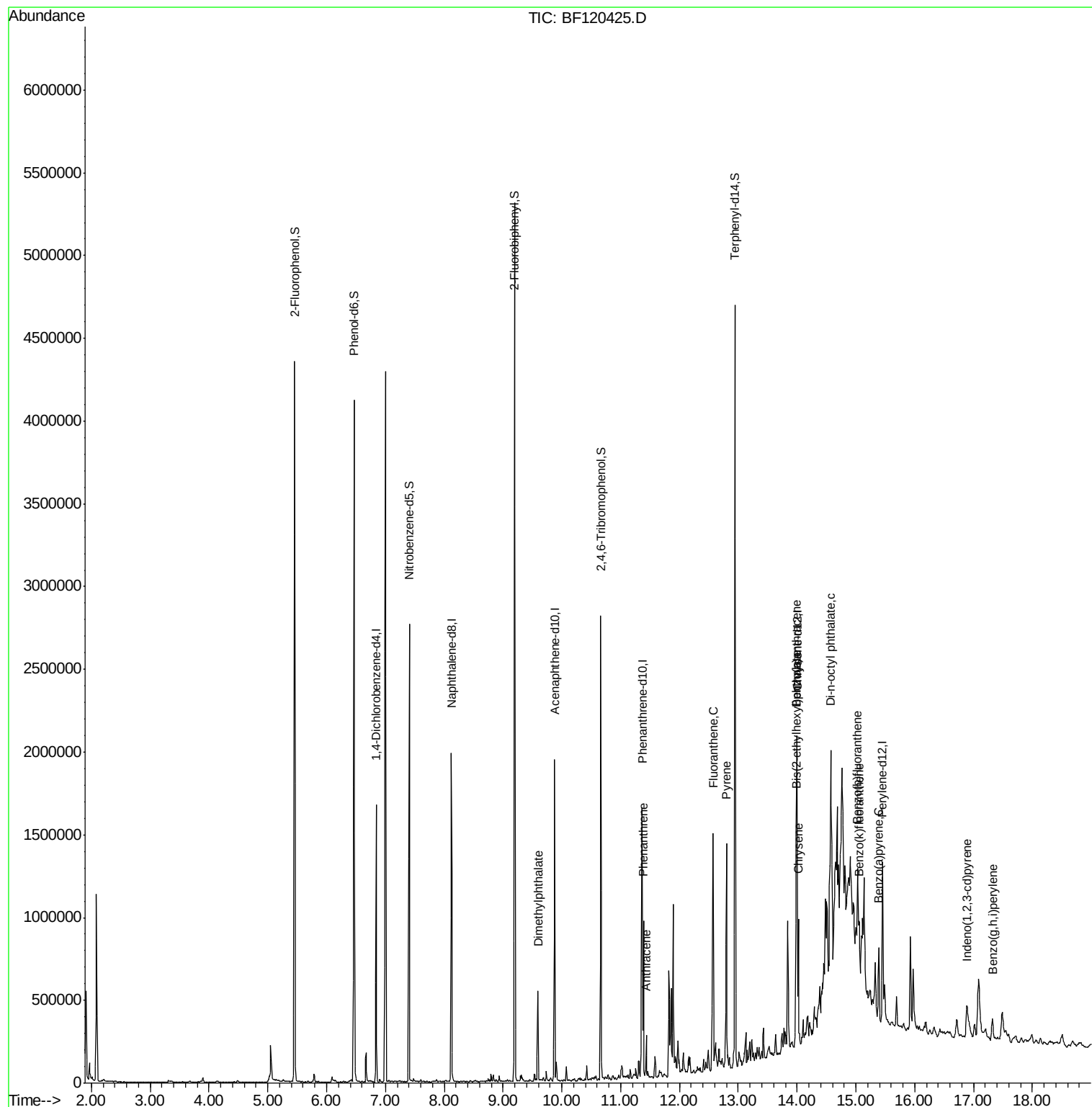
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120425.D
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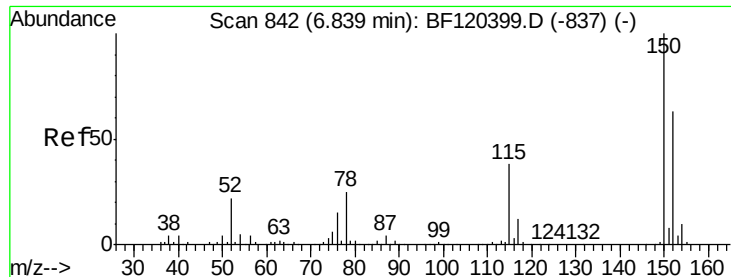
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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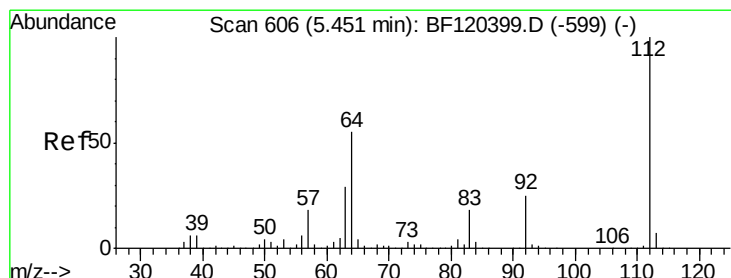
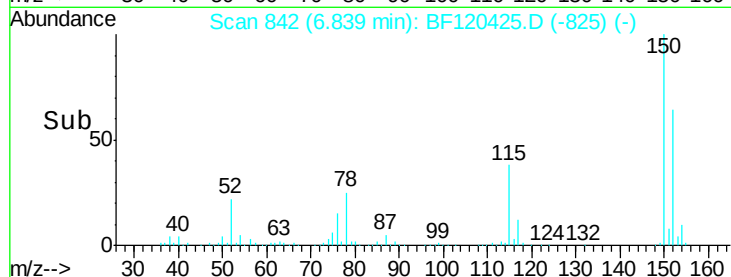
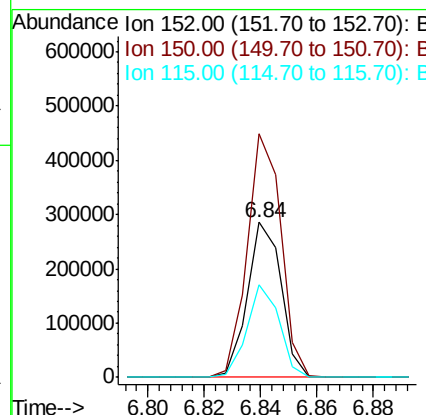
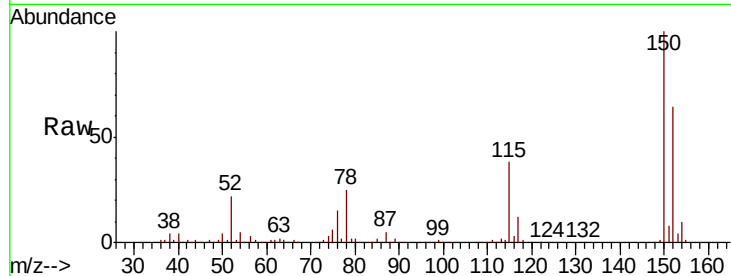
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120425.D
 Acq: 28 May 2020 23:21

Instrument :
 BNA_F
 ClientSampleId :
 NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.5	189.7
115	60.0	47.6	71.4

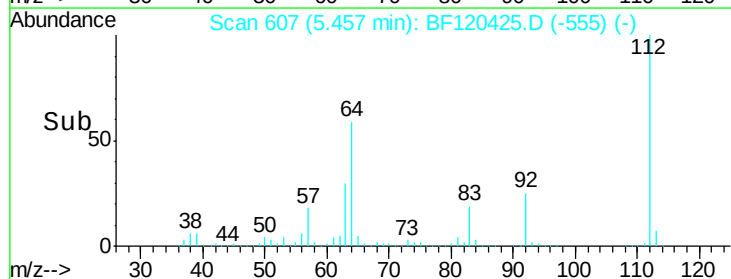
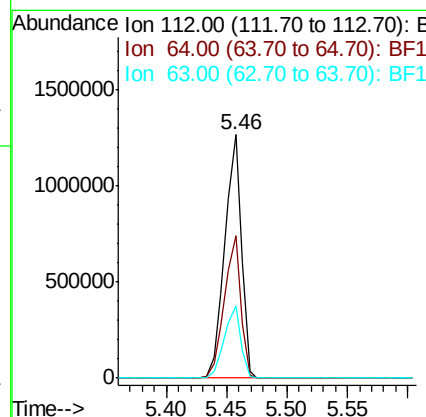
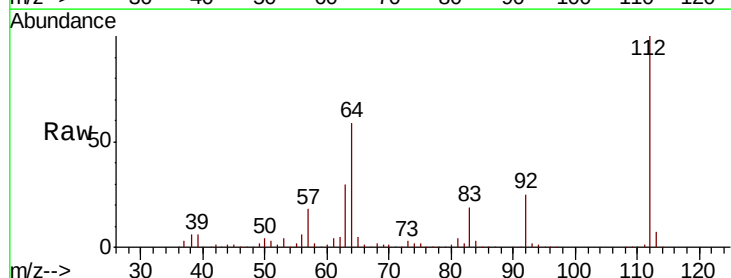
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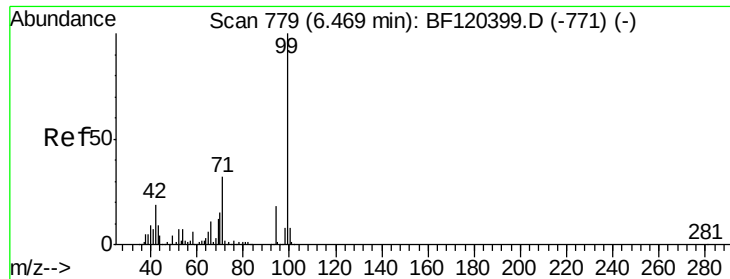
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#5
 2-Fluorophenol
 Concen: 96.651 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120425.D
 Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.3	66.5
63	29.6	22.9	34.3





#7

Phenol-d6

Concen: 93.848 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Instrument :

BNA_F

ClientSampleId :

NM77-COMP-2020-0-6

Tot Ion: 99 Resp: 1438639

Ion Ratio Lower Upper

99 100

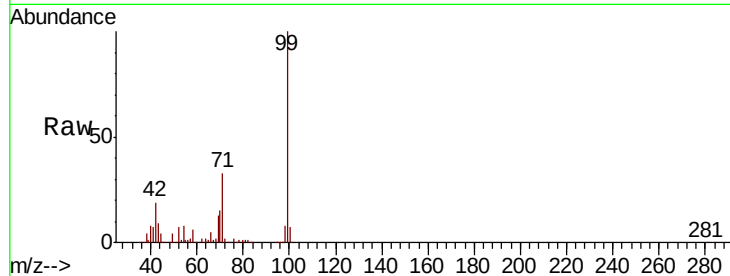
42 19.3 15.2 22.8

71 33.4 25.6 38.4

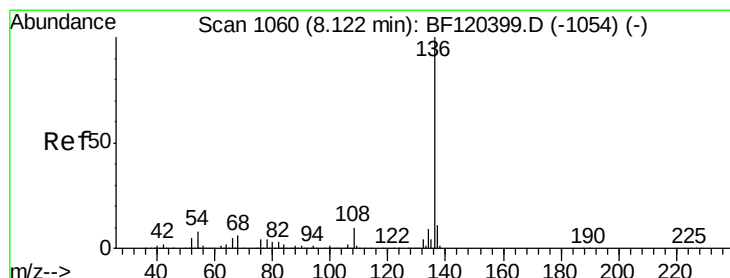
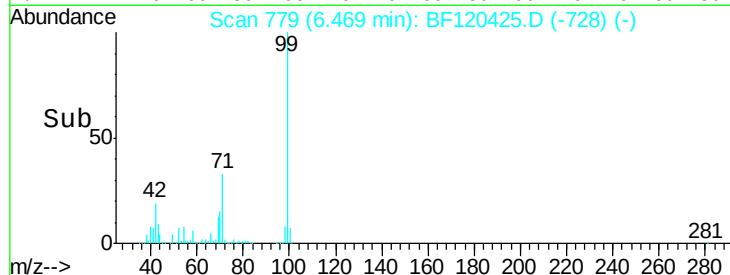
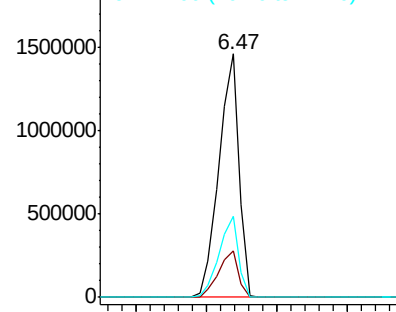
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Tgt Ion: 136 Resp: 816861

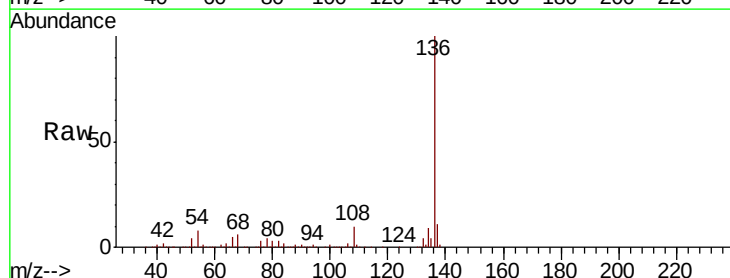
Ion Ratio Lower Upper

136 100

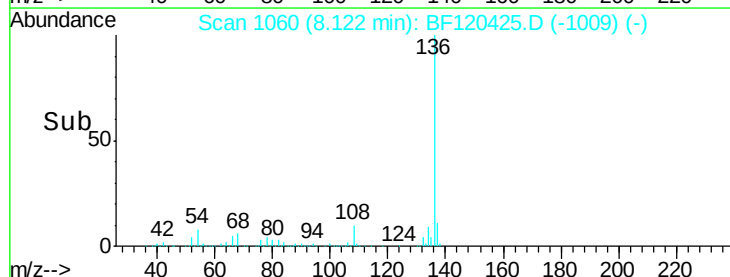
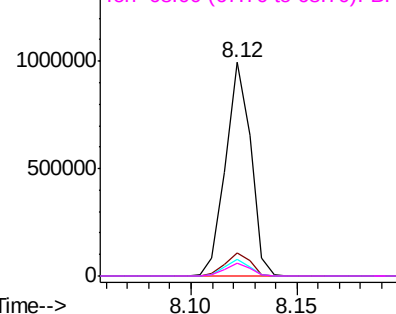
137 10.9 9.1 13.7

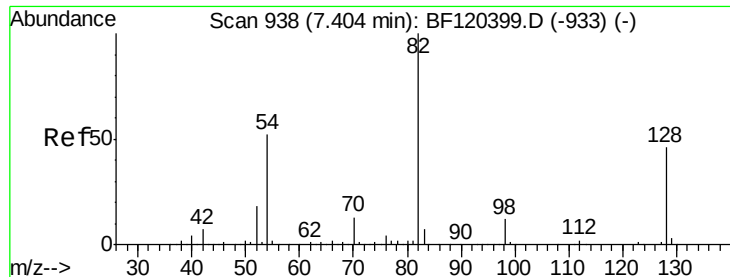
54 8.0 6.7 10.1

68 6.1 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
1500000 Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





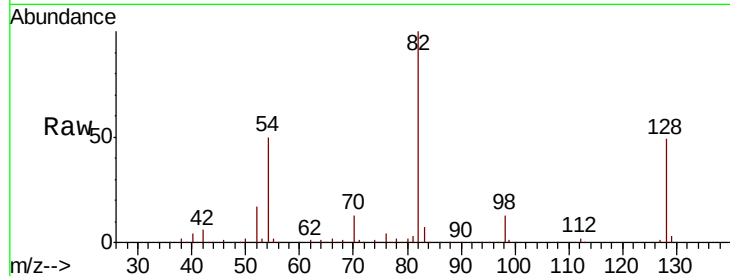
#23
Nitrobenzene-d5
Concen: 72.780 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

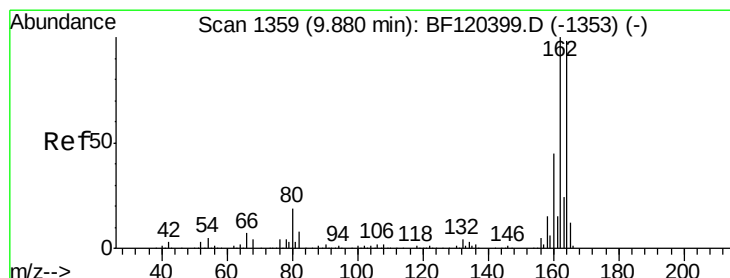
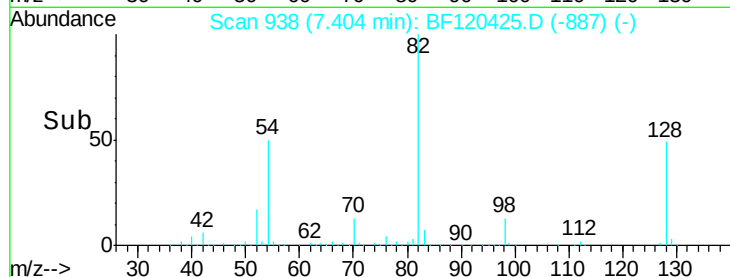
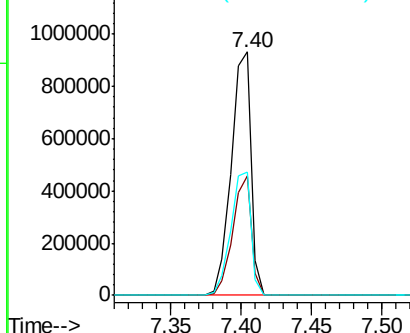
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	36.8	55.2	
54	50.5	41.6	62.4	

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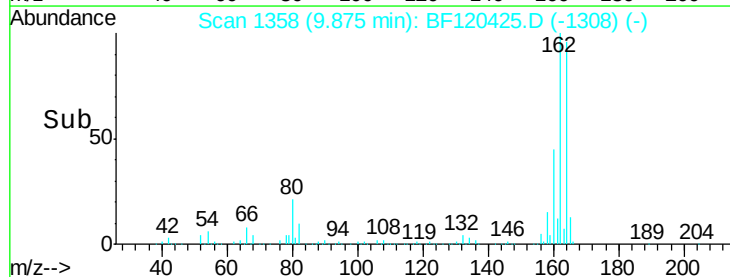
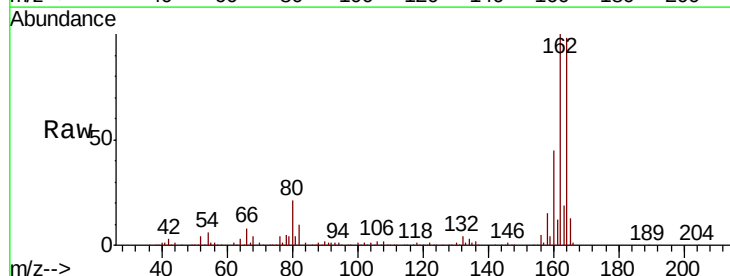
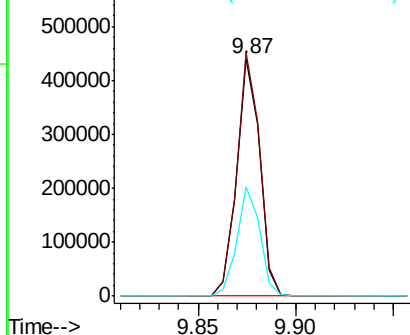
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

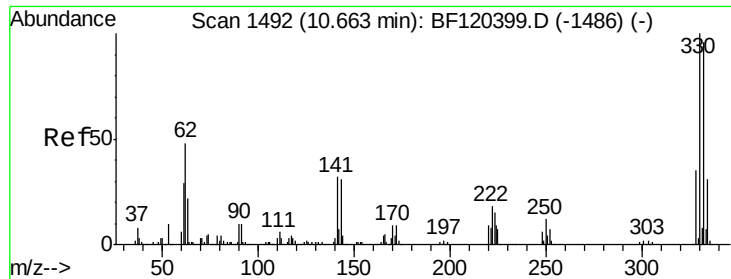


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.3	121.9	
160	45.9	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





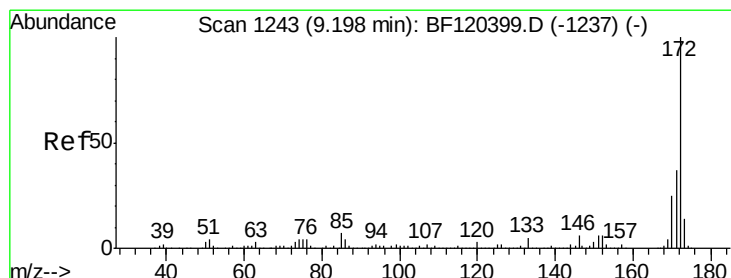
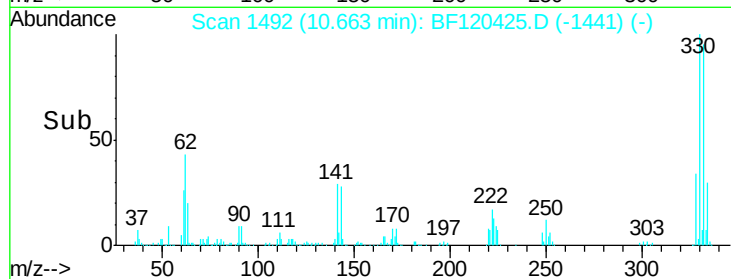
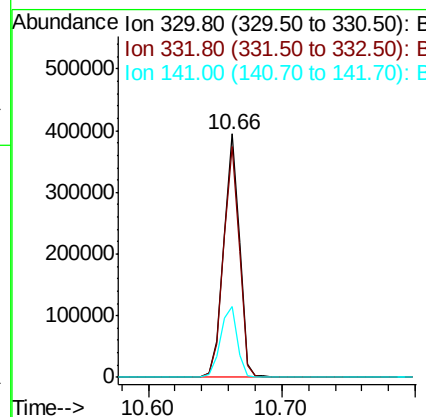
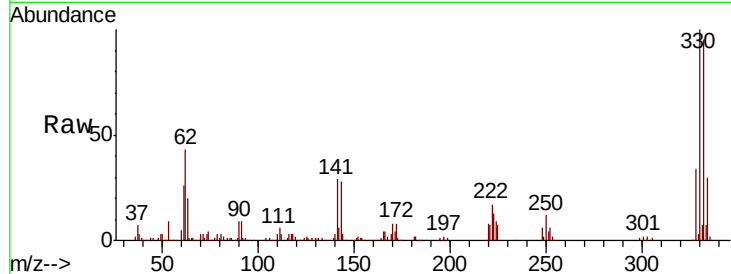
#42
 2,4,6-Tribromophenol
 Concen: 99.186 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120425.D
 Acq: 28 May 2020 23:21

Instrument :
 BNA_F
 ClientSampleId :
 NM77-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	31.1	25.3	37.9	

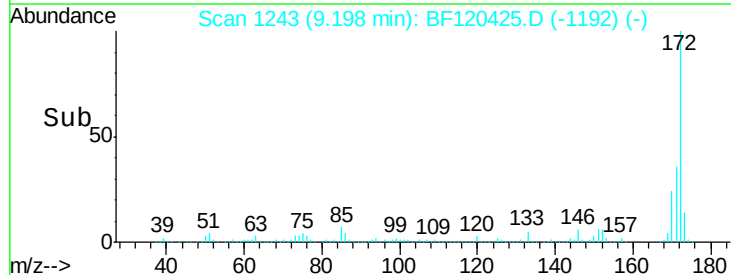
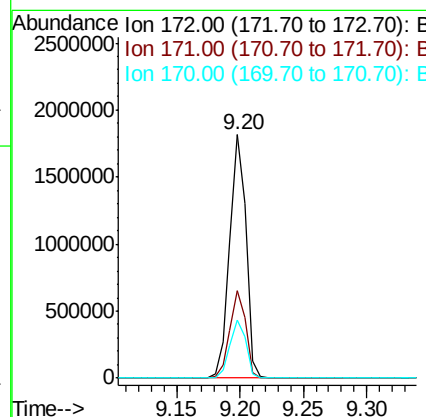
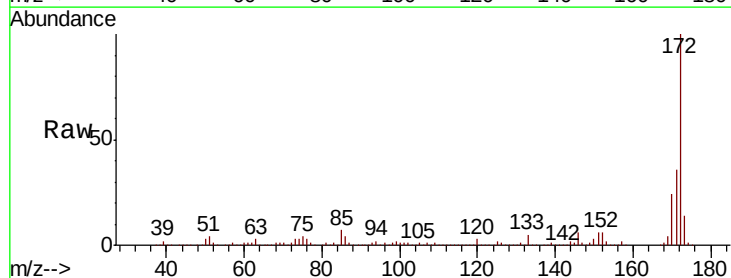
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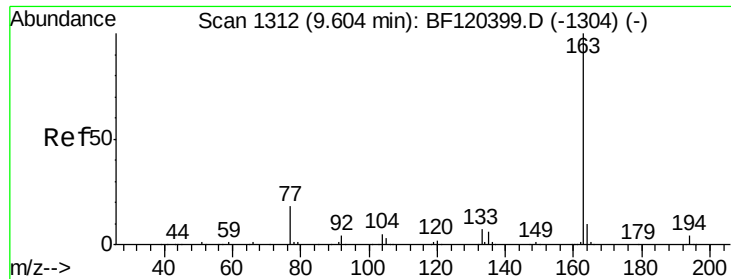
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#45
 2-Fluorobiphenyl
 Concen: 76.248 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120425.D
 Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	23.9	19.9	29.9	





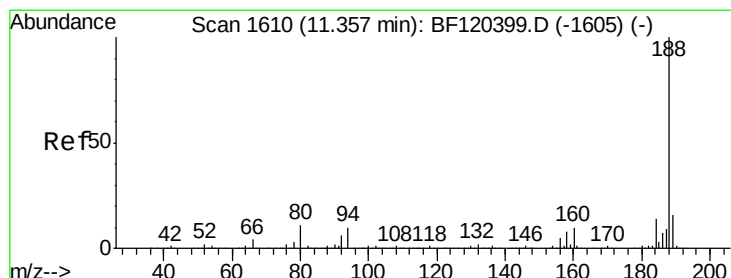
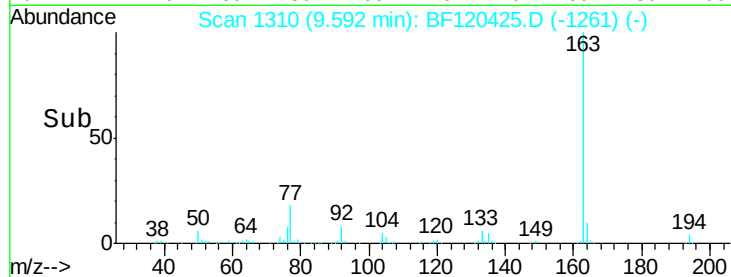
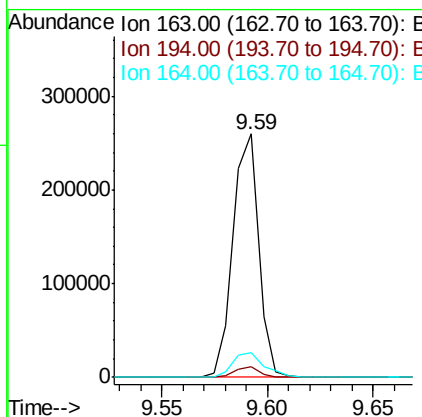
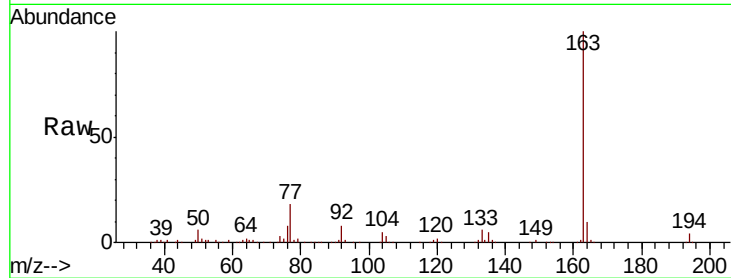
#50
Dimethylphthalate
Concen: 9.653 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		217851		
194	4.1		3.3	4.9	
164	10.2		8.3	12.5	

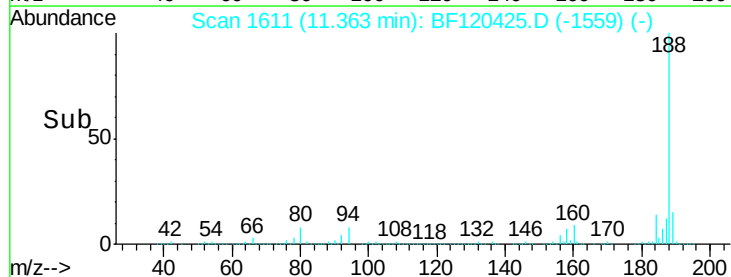
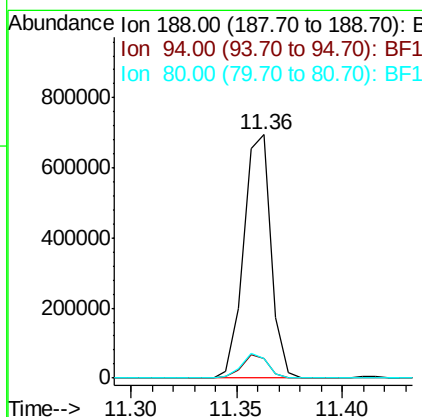
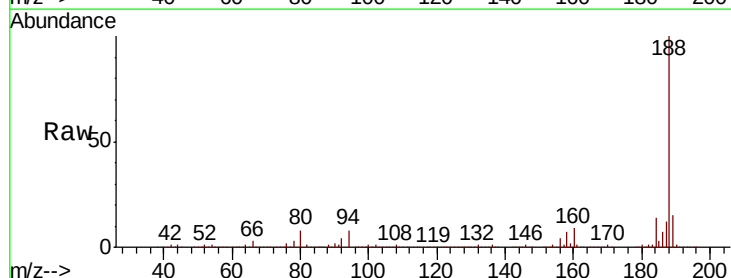
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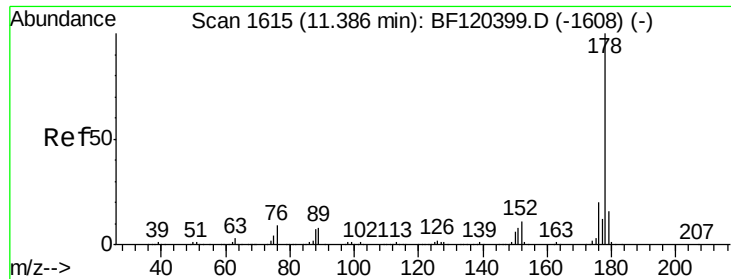
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		620662		
94	8.1		7.9	11.9	
80	8.2		8.6	13.0	





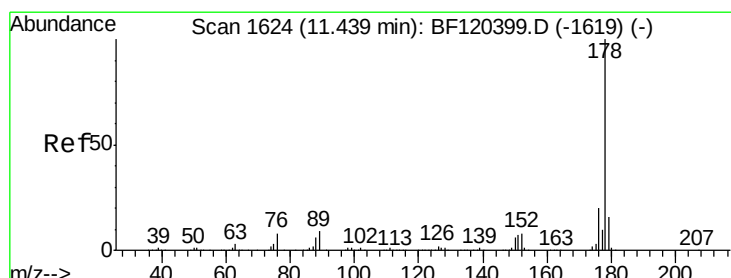
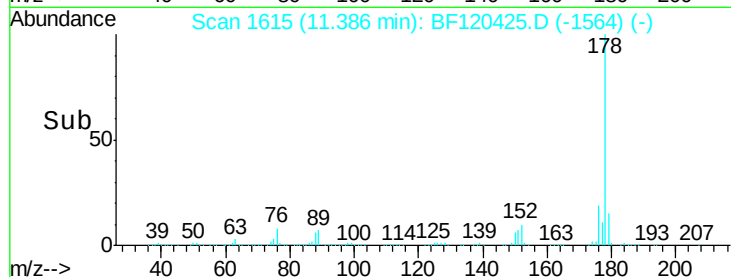
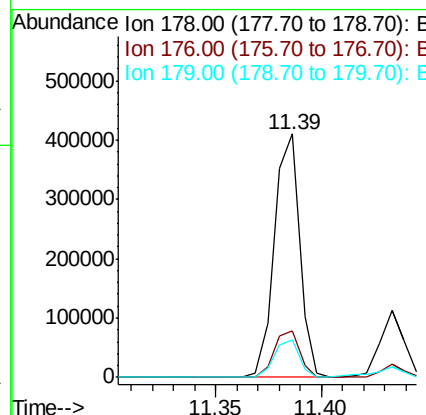
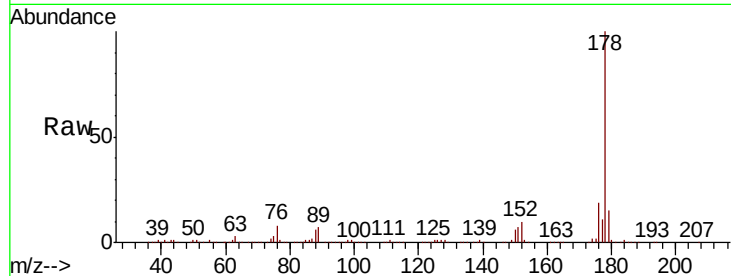
#71
Phenanthrene
Concen: 12.592 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.3	13.0	19.4

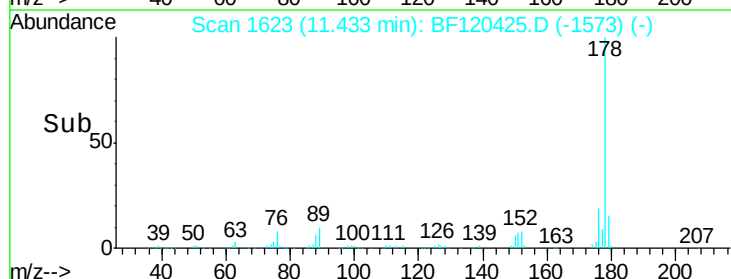
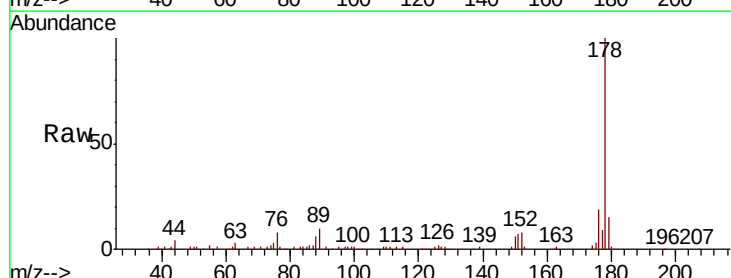
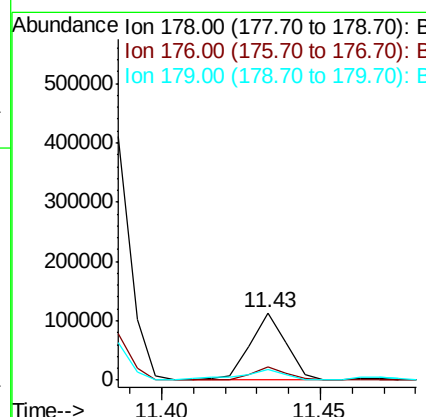
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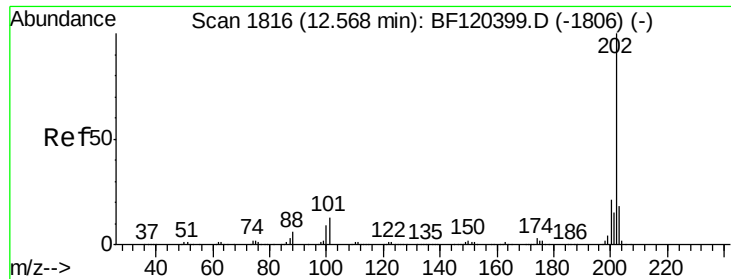
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#72
Anthracene
Concen: 3.182 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.4	12.8	19.2





#75

Fluoranthene

Concen: 19.882 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Instrument :

BNA_F

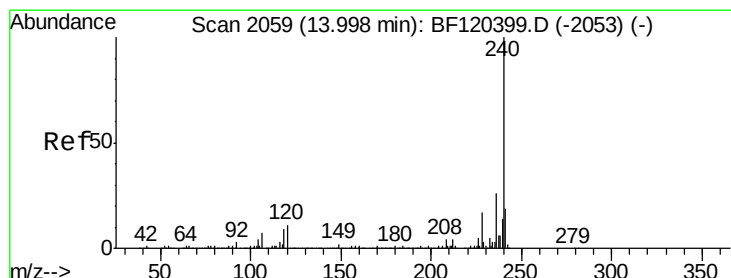
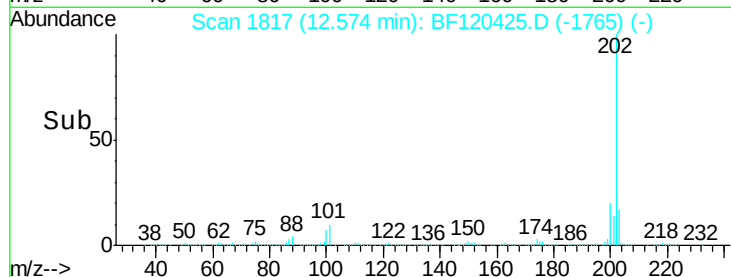
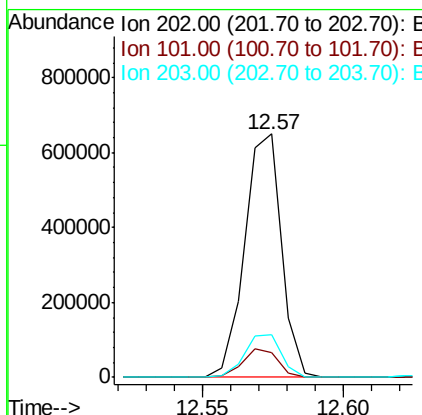
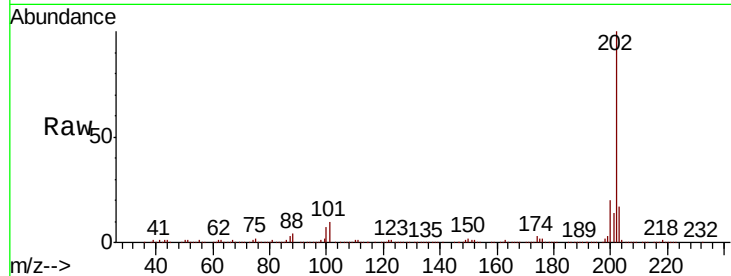
ClientSampleId :

NM77-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	585077		
101	10.0	0.0	32.6	
203	17.4	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

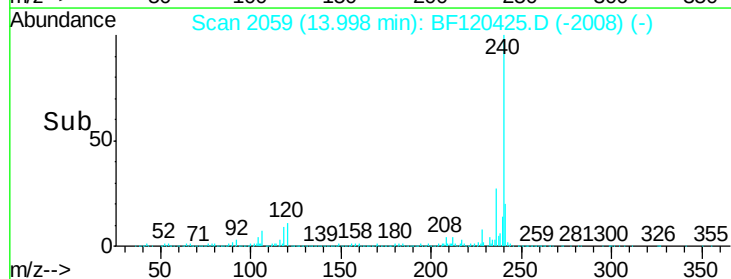
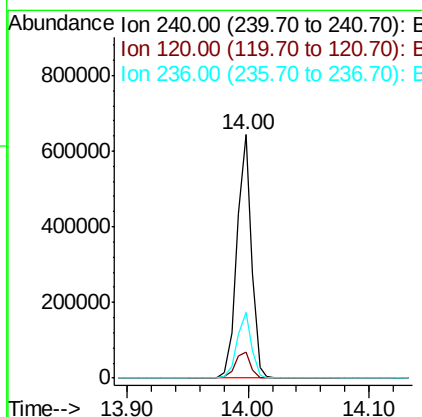
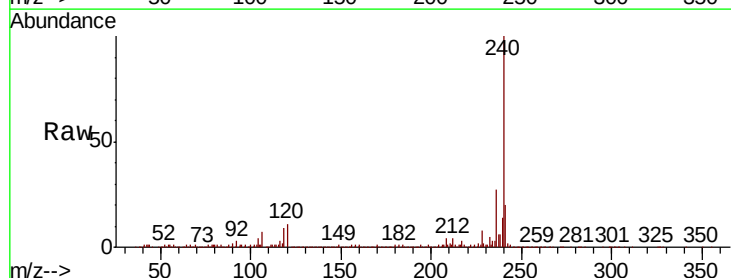
RT: 14.00 min Scan# 2059

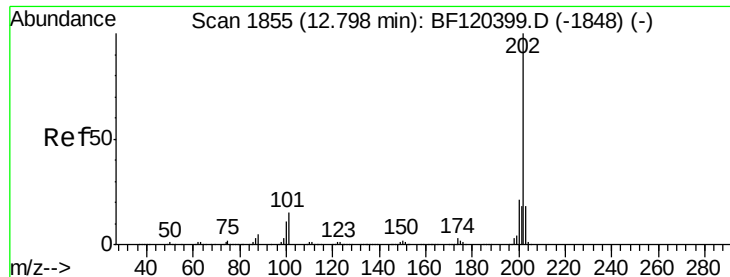
Delta R.T. 0.00 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	537417		
120	10.6	8.8	13.2	
236	26.7	21.0	31.4	





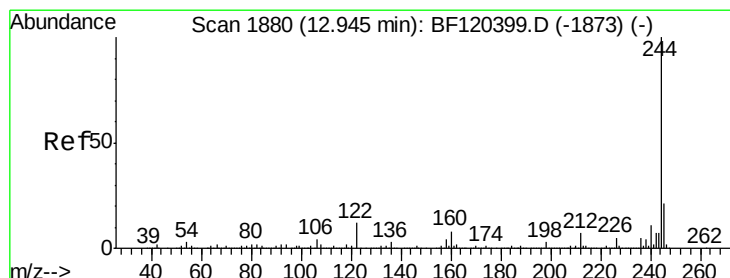
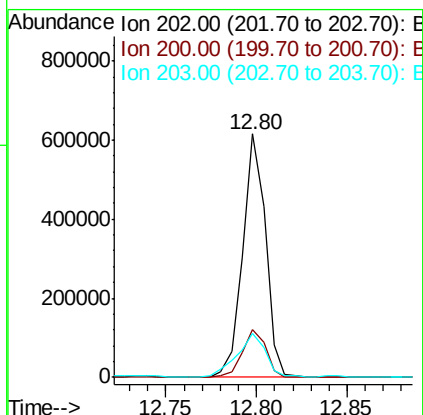
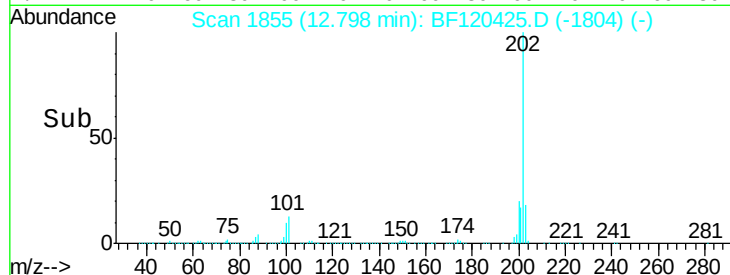
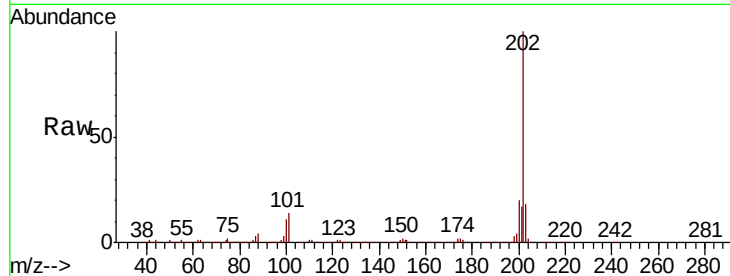
#78
Pvrene
Concen: 14.429 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	17.8	14.7	22.1

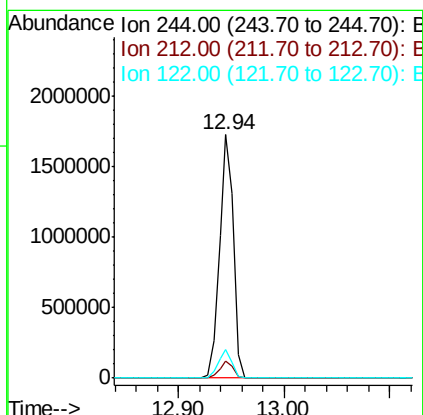
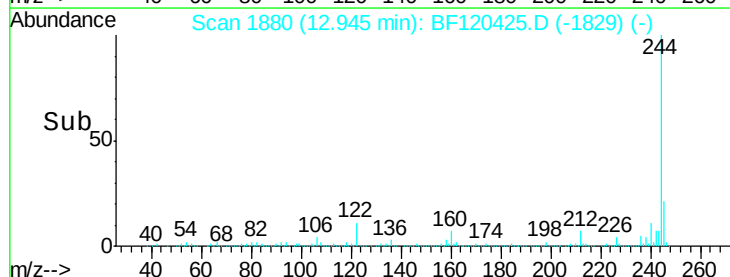
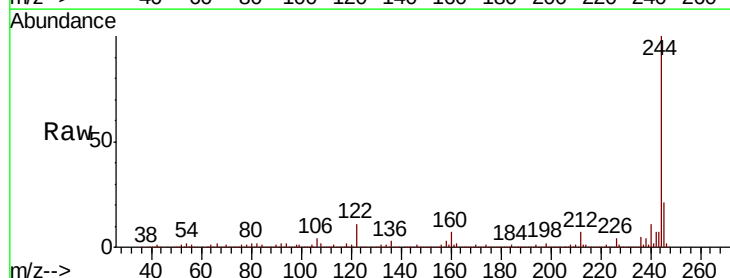
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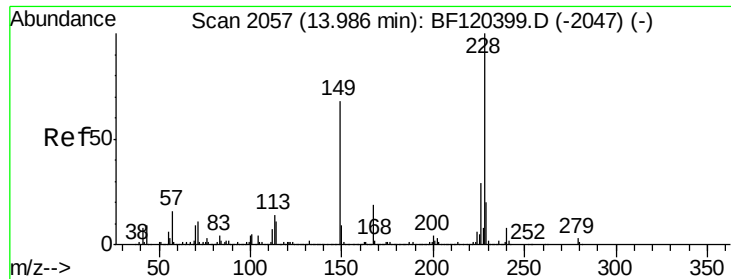
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#79
Terphenyl-d14
Concen: 65.992 ng
RT: 12.94 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.5	9.2	13.8





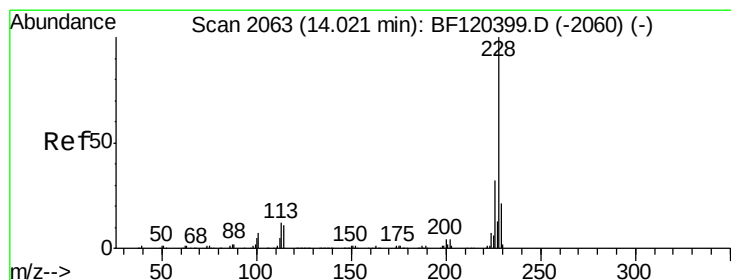
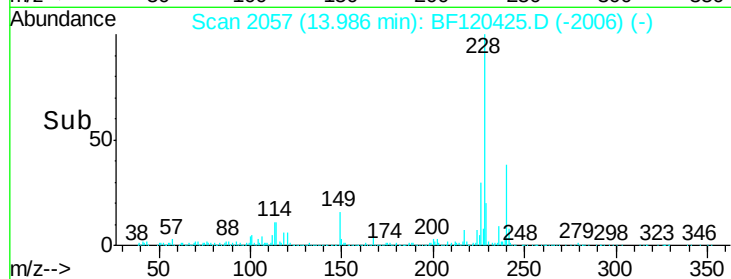
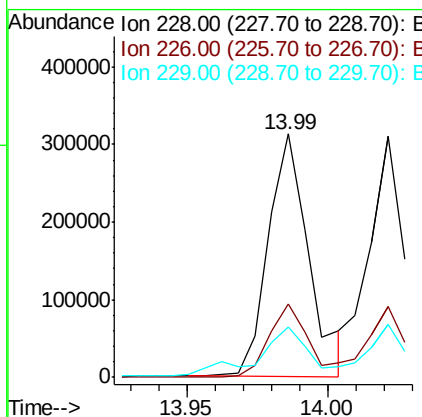
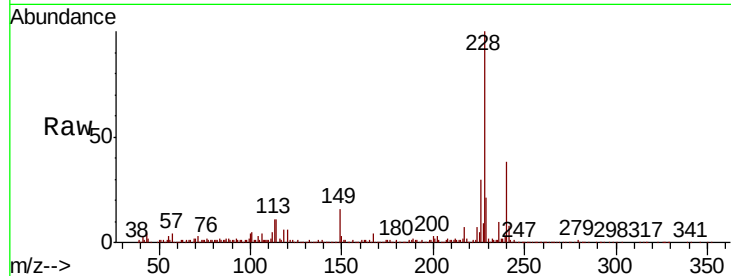
#81
Benzo(a)anthracene
Concen: 10.823 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	20.7	16.2	24.4

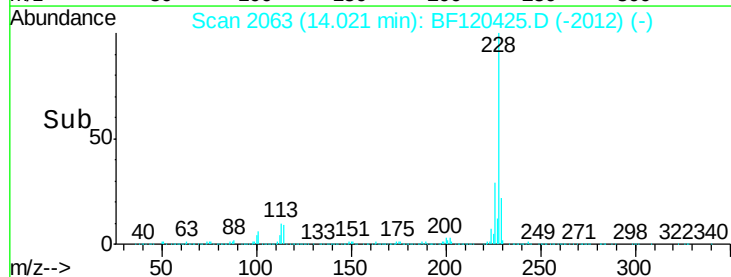
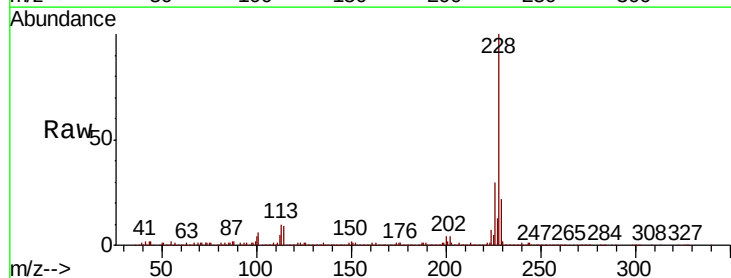
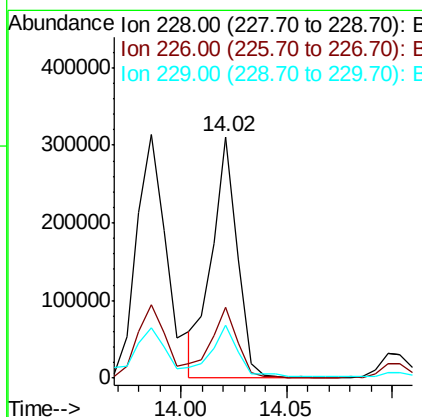
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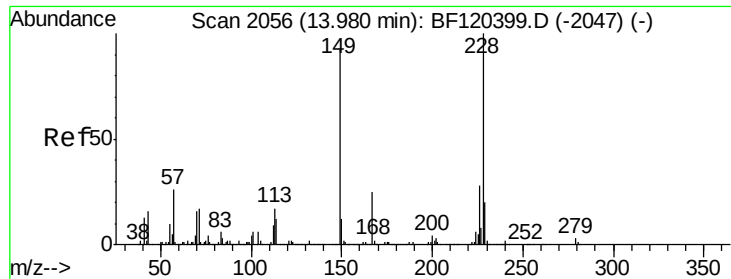
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#83
Chrysene
Concen: 8.630 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.6	38.4
229	22.1	16.6	25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.049 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Instrument :

BNA_F

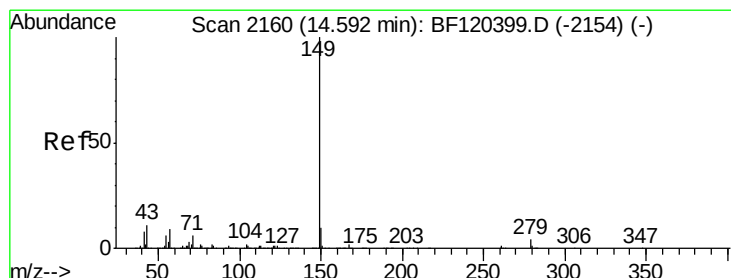
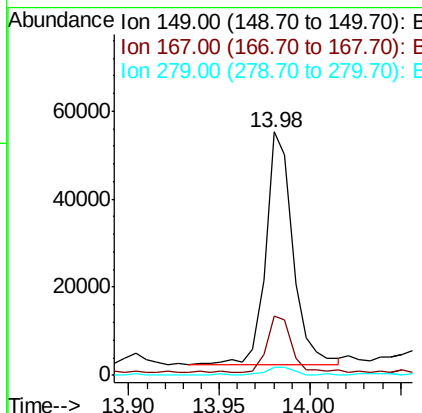
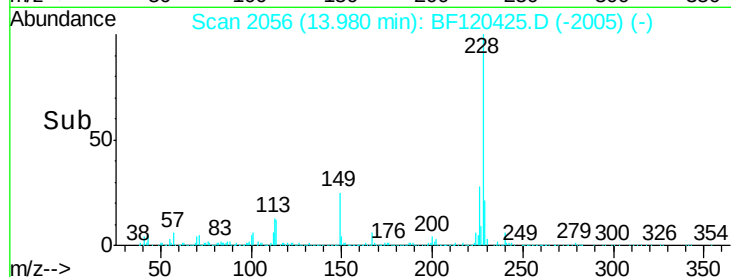
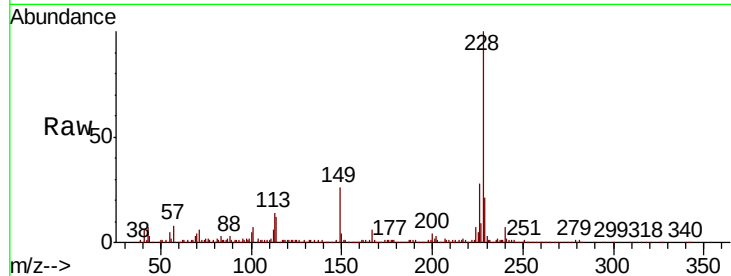
ClientSampleId :

NM77-COMP-2020-0-6

Tot Ion:	149	Resp:	55840
Ion Ratio	Lower	Upper	
149	100		
167	24.3	21.7	32.5
279	3.3	2.9	4.3

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#85

Di-n-octyl phthalate

Concen: 22.755 ng

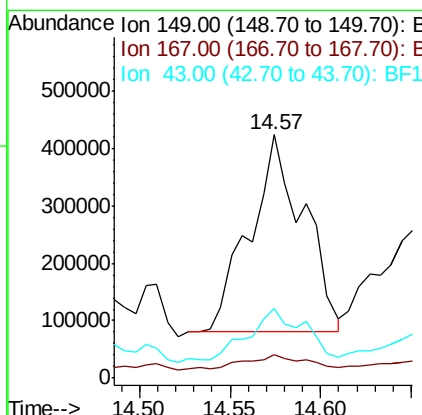
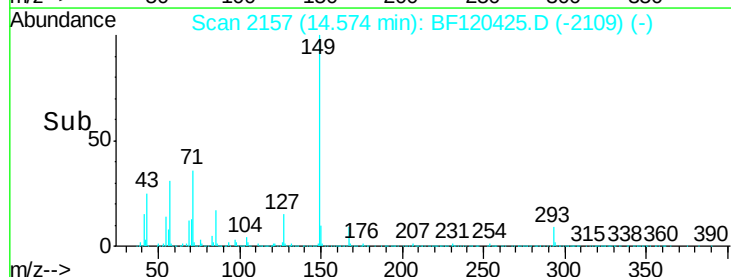
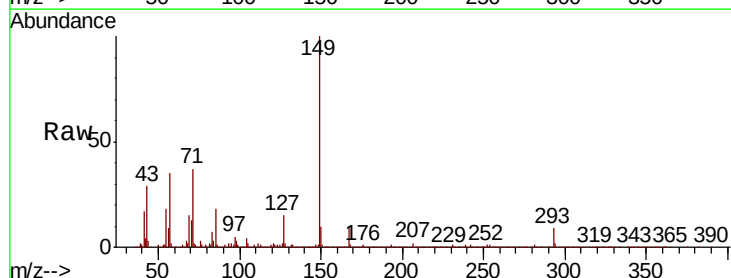
RT: 14.57 min Scan# 2157

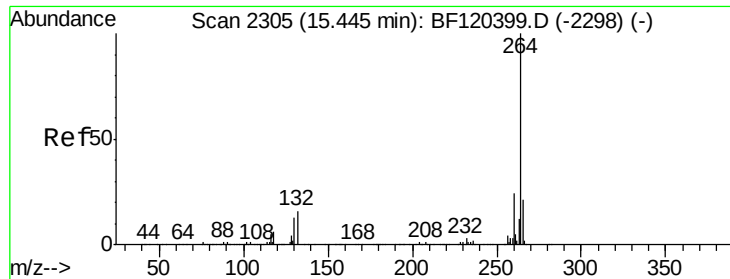
Delta R.T. -0.02 min

Lab File: BF120425.D

Acq: 28 May 2020 23:21

Tgt Ion:	149	Resp:	721160
Ion Ratio	Lower	Upper	
149	100		
167	9.7	1.2	1.8#
43	26.2	8.1	12.1#





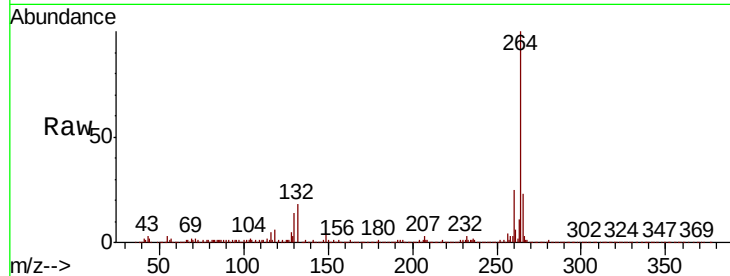
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

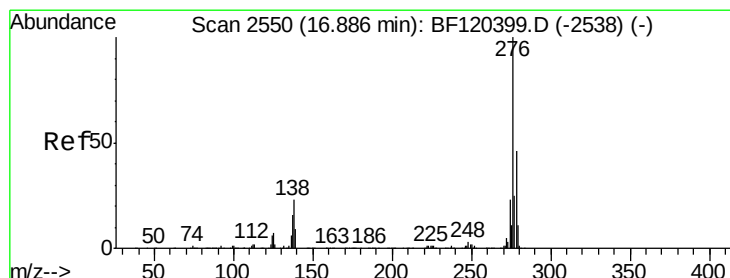
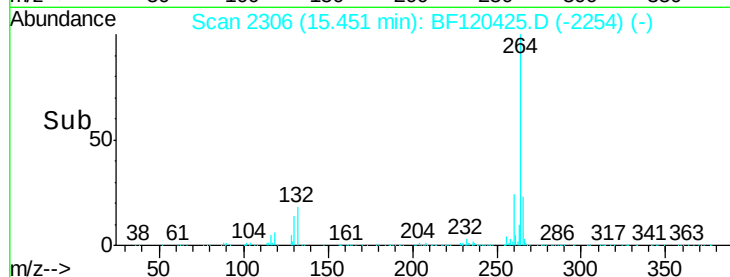
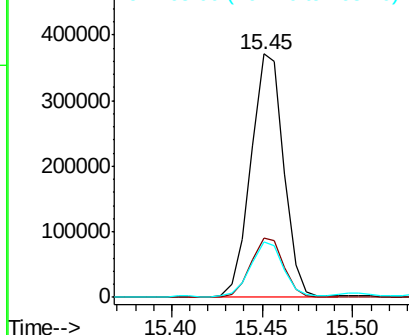
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	16.9	25.3

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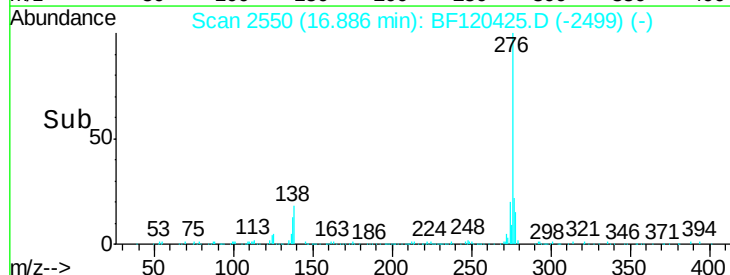
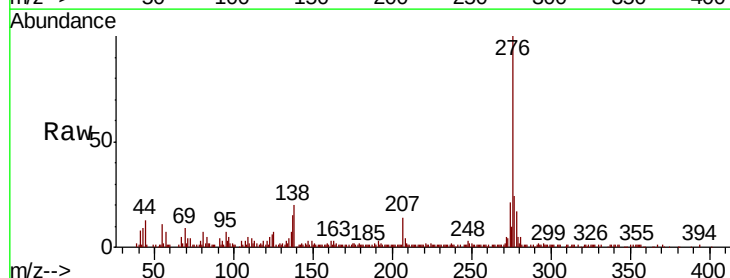
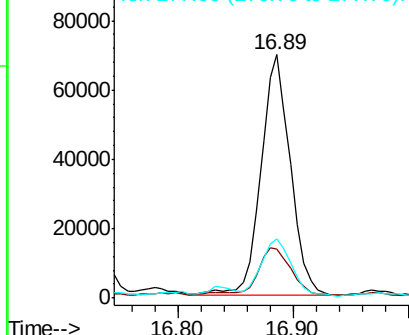
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

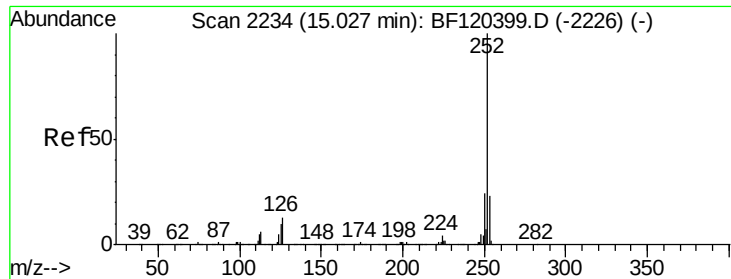


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.877 ng
RT: 16.89 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.4	30.6
277	24.5	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





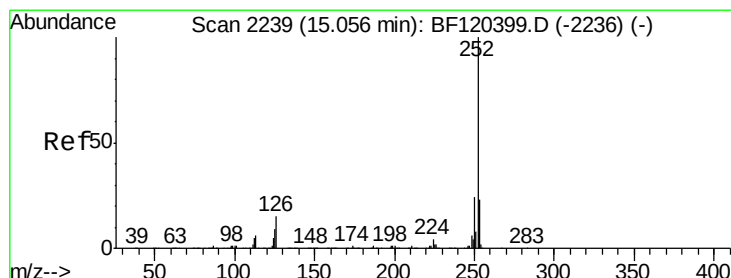
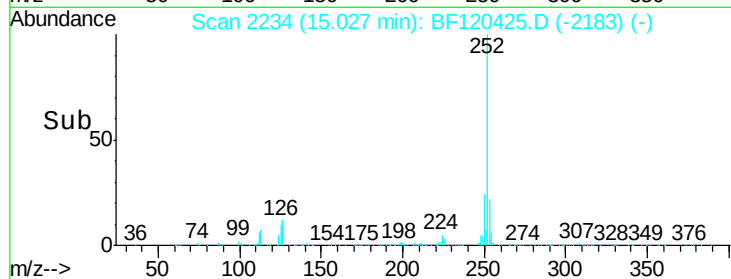
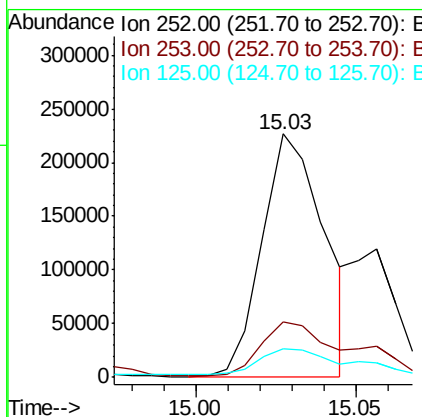
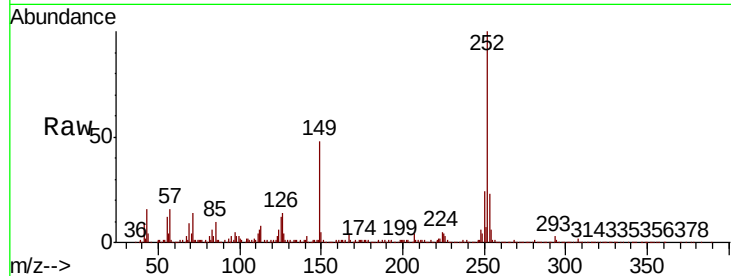
#88
Benzo(b)fluoranthene
Concen: 11.735 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.6	7.8	11.8

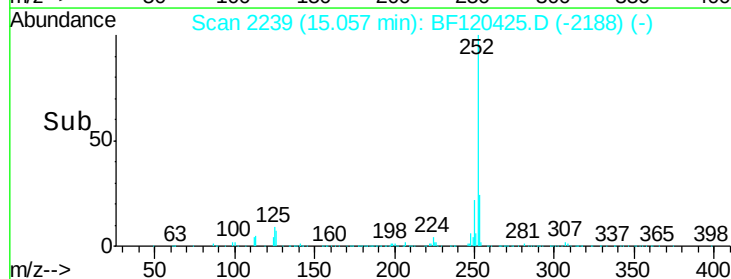
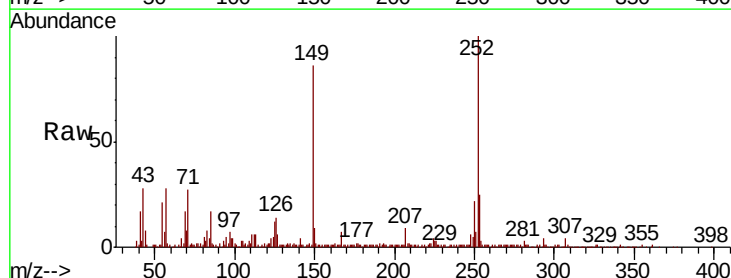
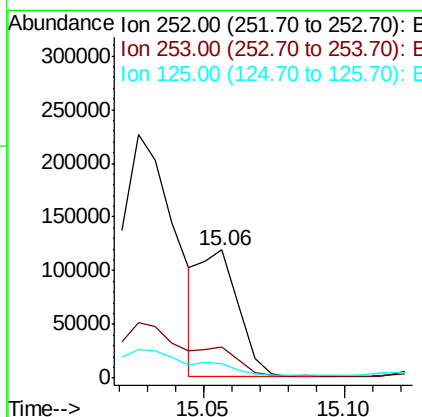
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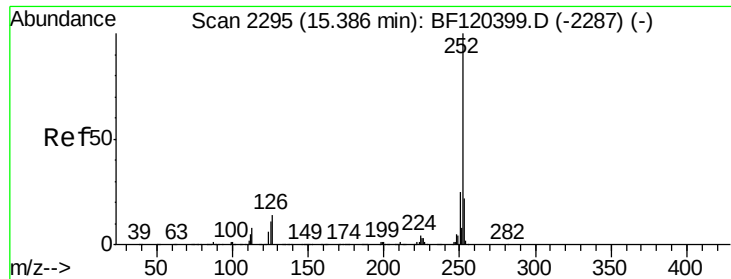
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#89
Benzo(k)fluoranthene
Concen: 4.561 ng m
RT: 15.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	11.6	8.0	12.0





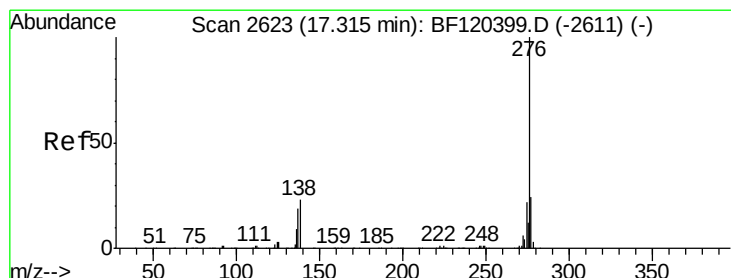
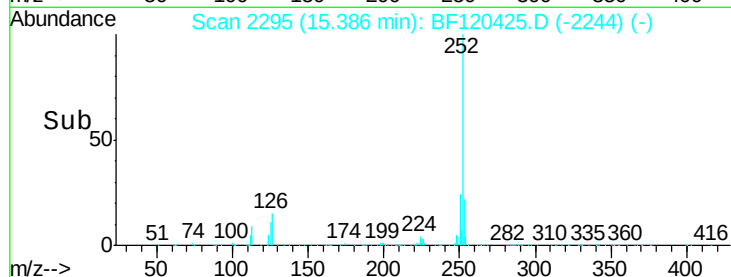
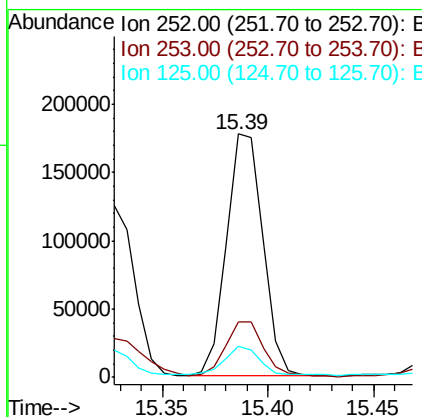
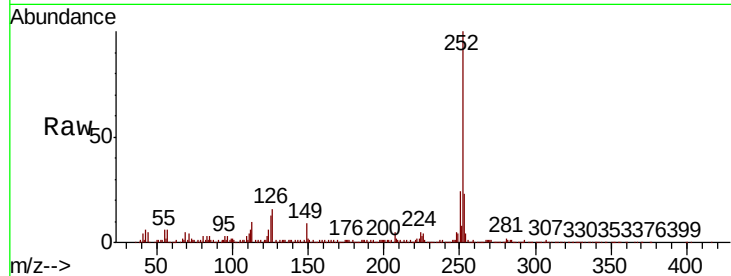
#90
Benzo(a)pyrene
Concen: 9.356 ng
RT: 15.39 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Instrument :
BNA_F
ClientSampleId :
NM77-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.6	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 5.616 ng
RT: 17.32 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF120425.D
Acq: 28 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.5	29.3
138	22.7	18.1	27.1

