

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120424.D
 Acq On : 28 May 2020 22:52
 Operator : MA/SJ
 Sample : L2745-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM76-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 05:31:14 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	231168	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	812530	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	380686	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	654076	20.00	ng	0.00
76) Chrysene-d12	14.00	240	543411	20.00	ng	0.00
86) Perylene-d12	15.45	264	503872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1342142	110.65	ng	0.00
7) Phenol-d6	6.47	99	1670617	111.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	1062307	85.52	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	418722	118.71	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1916584	85.42	ng	0.00
79) Terphenyl-d14	12.95	244	1900315	77.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	193783	8.142	ng	98
71) Phenanthrene	11.38	178	93830	3.256	ng	97
75) Fluoranthene	12.57	202	207240	6.683	ng	97
78) Pyrene	12.80	202	190775	5.048	ng	97
81) Benzo(a)anthracene	13.99	228	108756	3.734	ng	98
83) Chrysene	14.02	228	90289	2.957	ng	97
88) Benzo(b)fluoranthene	15.03	252	123678m	4.419	ng	
90) Benzo(a)pyrene	15.39	252	77700	3.174	ng	97
92) Benzo(g,h,i)perylene	17.32	276	44763	2.020	ng	98

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

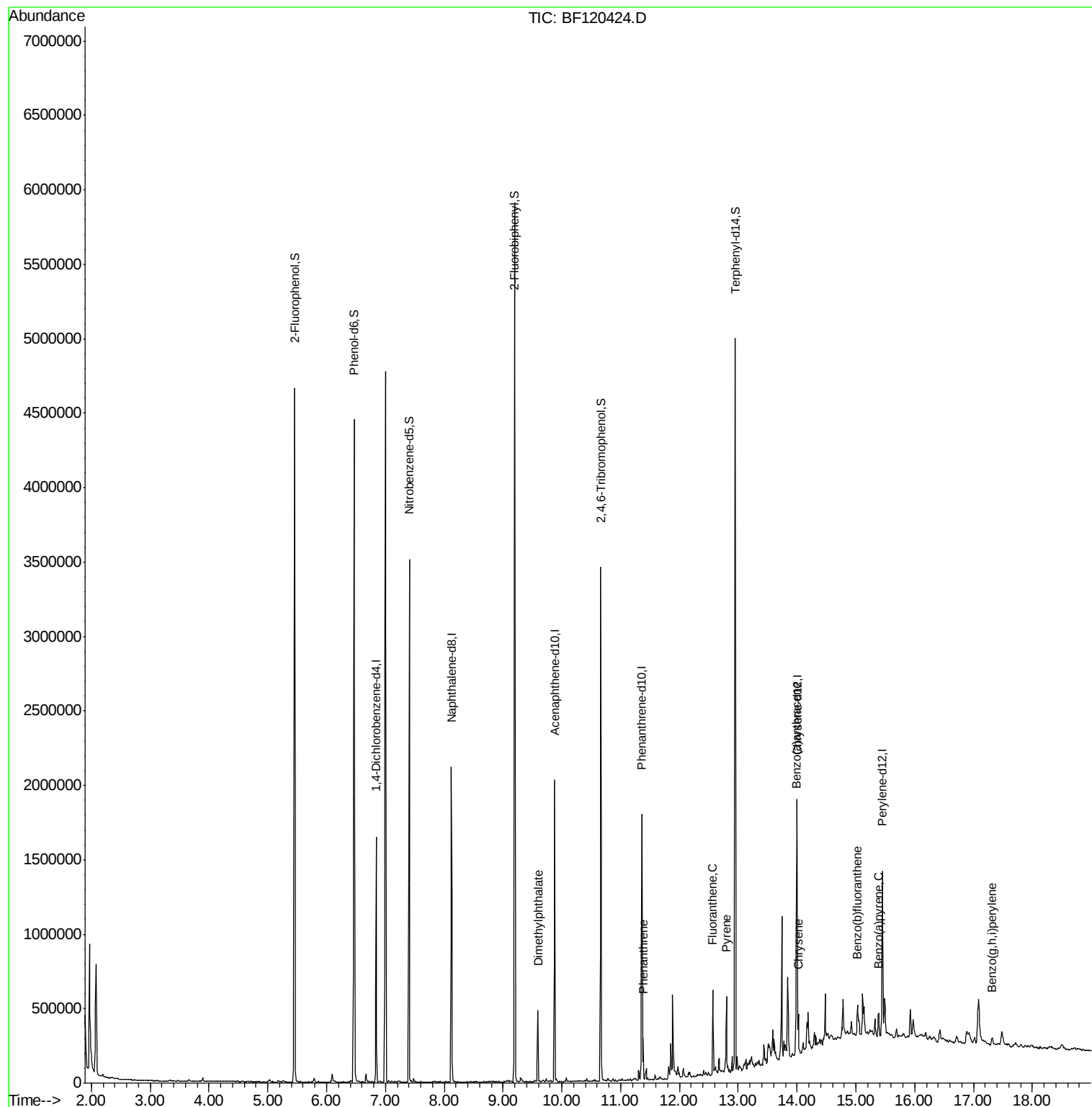
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120424.D
Acq On : 28 May 2020 22:52
Operator : MA/SJ
Sample : L2745-10
Misc :
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Instrument :
BNA_F
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NM76-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 05:31:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

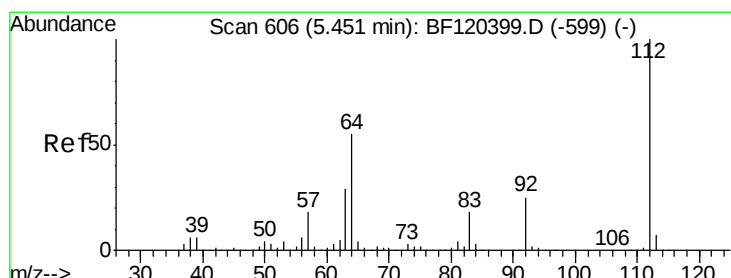
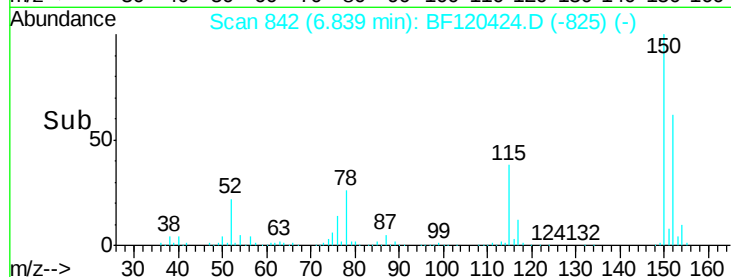
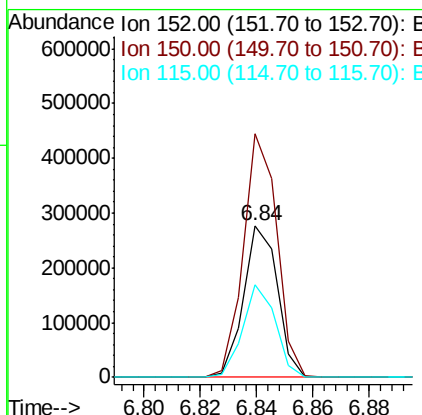
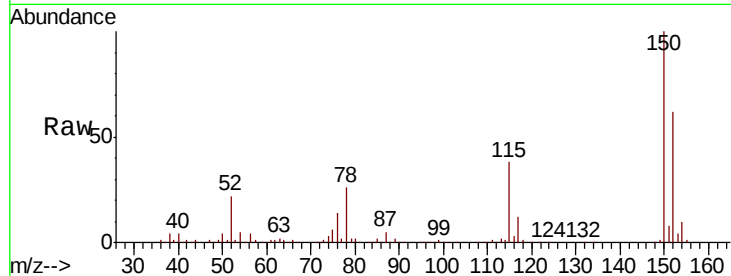
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.5	189.7
115	61.1	47.6	71.4

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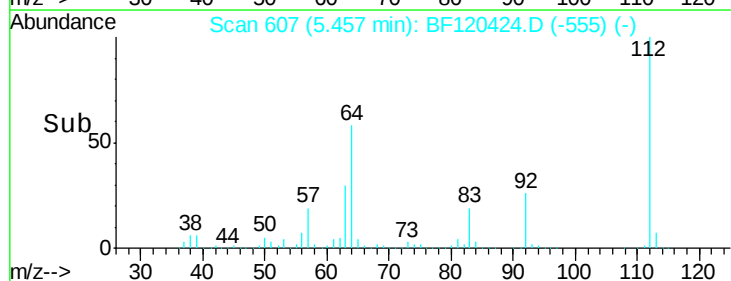
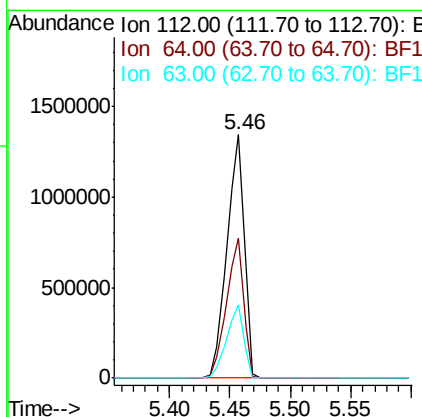
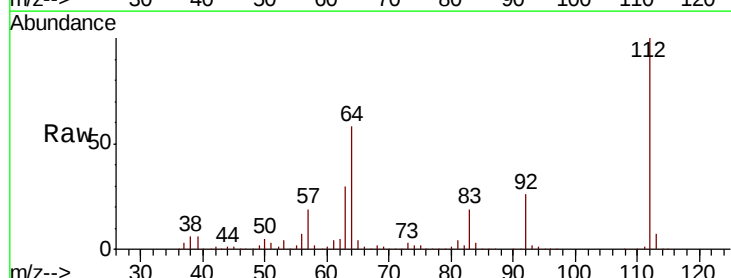
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#5

2-Fluorophenol
Concen: 110.646 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.3	66.5
63	30.3	22.9	34.3





#7

Phenol-d6

Concen: 111.738 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120424.D

Acq: 28 May 2020 22:52

Instrument :

BNA_F

ClientSampleId :

NM76-COMP-2020-0-6

Tot Ion: 99 Resp: 1670617

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

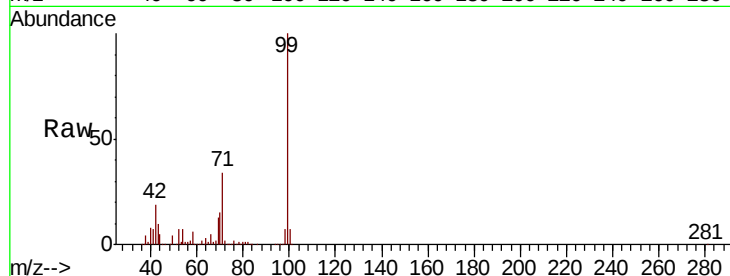
71 33.6 25.6 38.4

Manual Integrations

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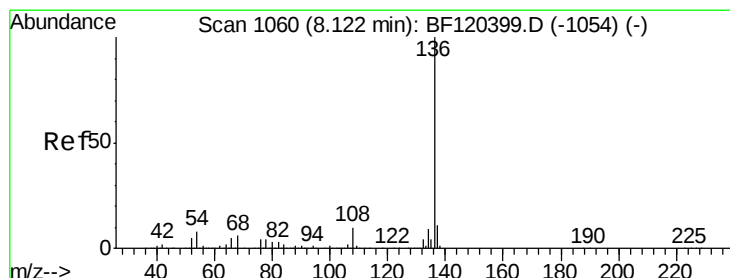
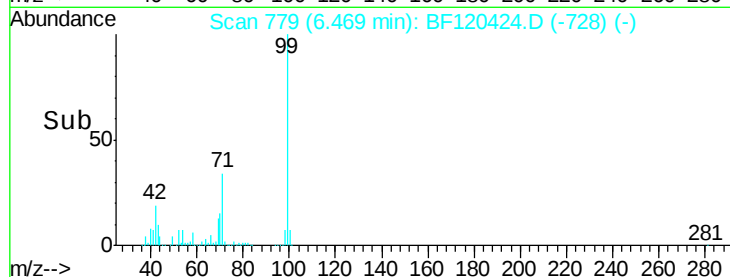
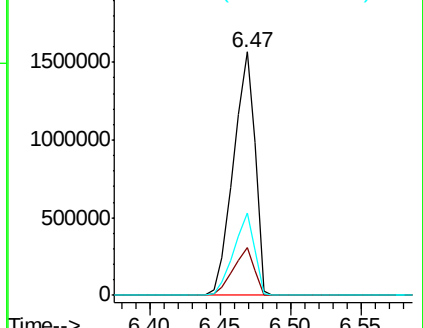
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120424.D

Acq: 28 May 2020 22:52

Tgt Ion: 136 Resp: 812530

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.2 6.7 10.1

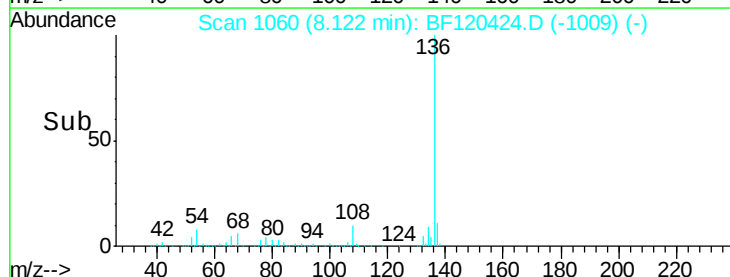
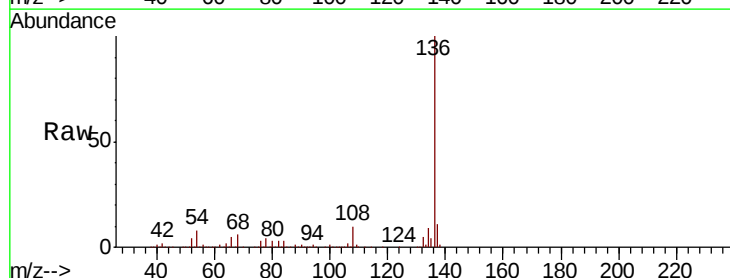
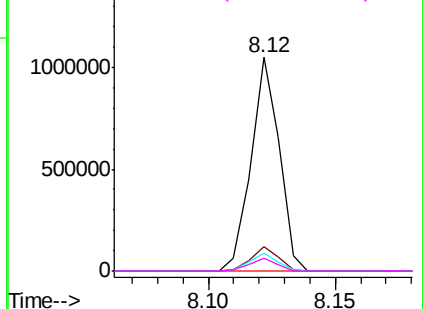
68 6.1 5.0 7.4

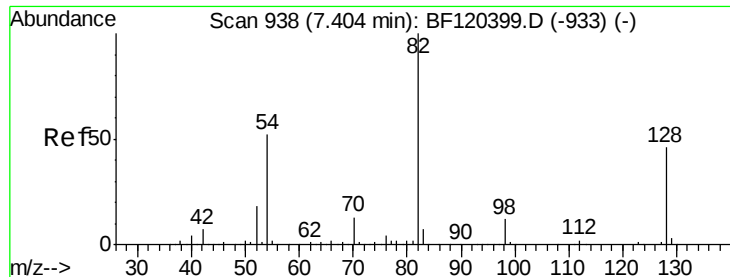
Abundance Ion 136.00 (135.70 to 136.70): E

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





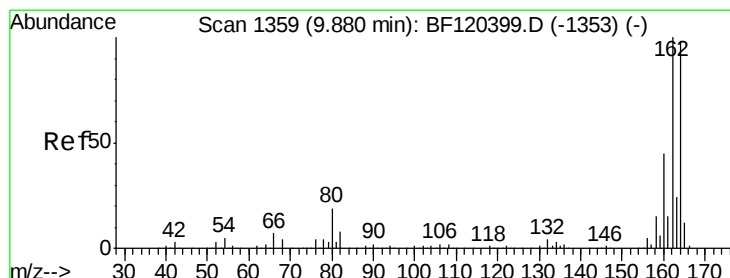
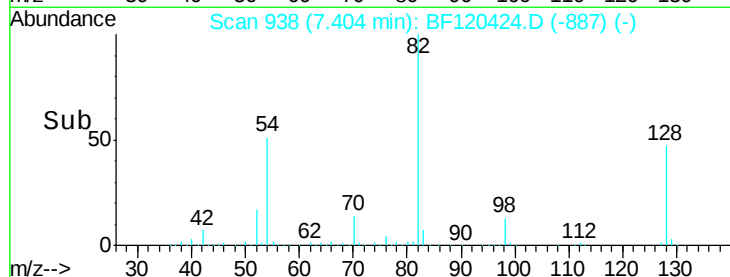
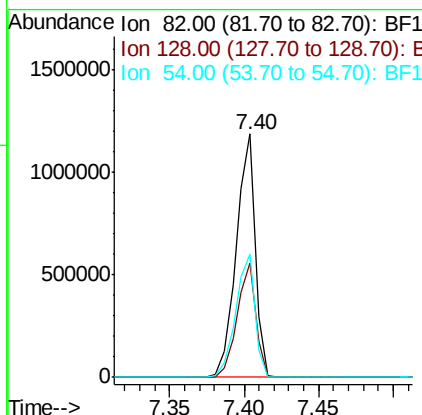
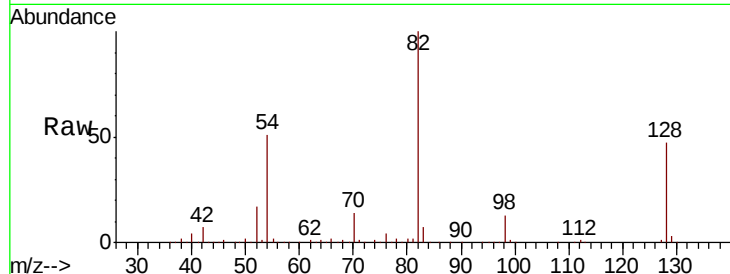
#23
 Nitrobenzene-d5
 Concen: 85.522 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120424.D
 Acq: 28 May 2020 22:52

Instrument :
 BNA_F
 ClientSampleId :
 NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.8	55.2
54	50.8	41.6	62.4

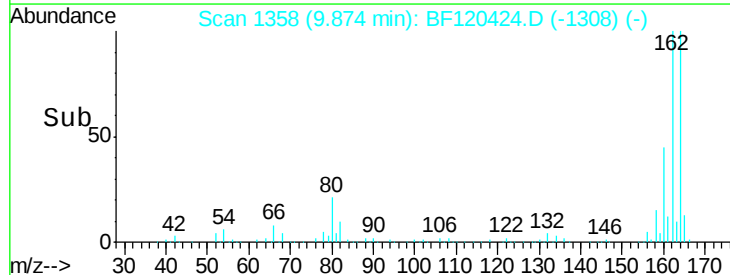
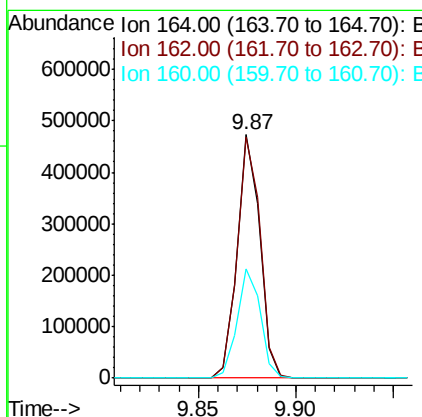
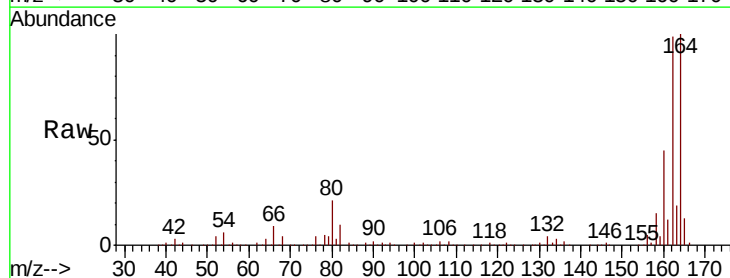
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120424.D
 Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.3	121.9
160	44.9	36.9	55.3





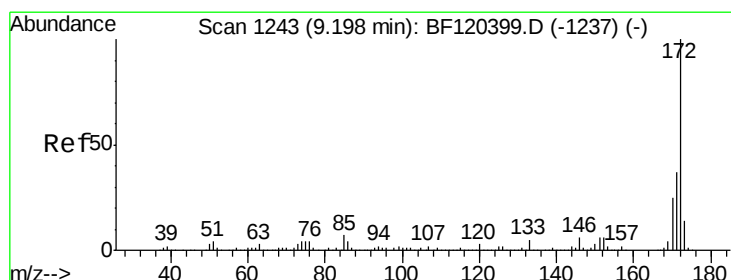
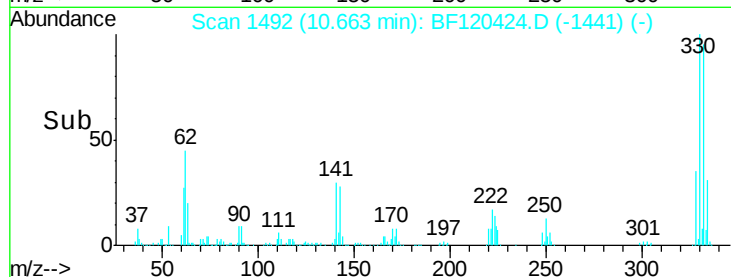
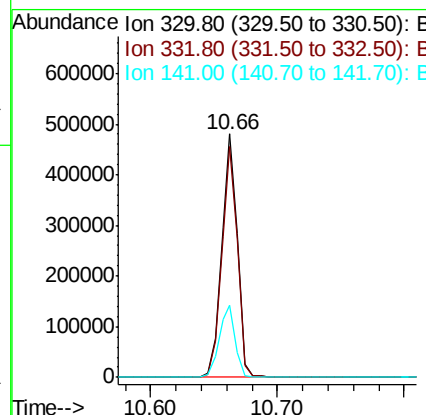
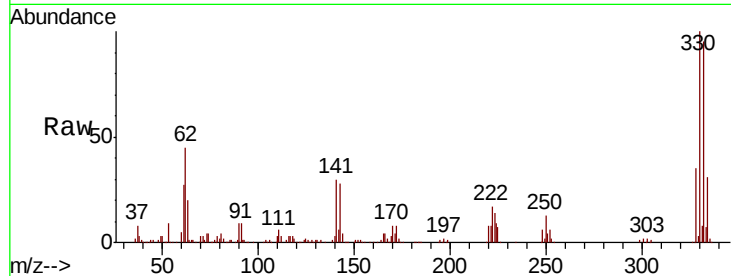
#42
 2,4,6-Tribromophenol
 Concen: 118.711 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120424.D
 Acq: 28 May 2020 22:52

Instrument :
 BNA_F
 ClientSampleId :
 NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	30.6	25.3	37.9

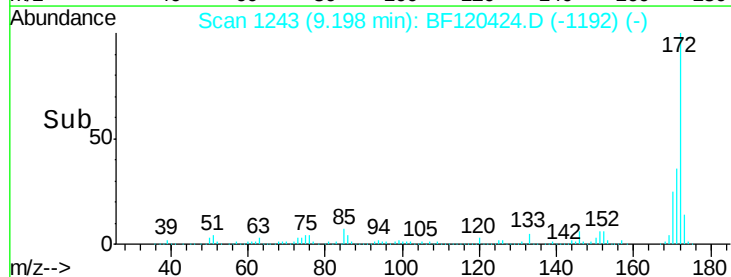
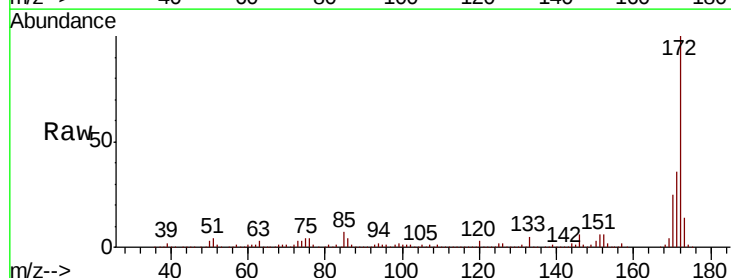
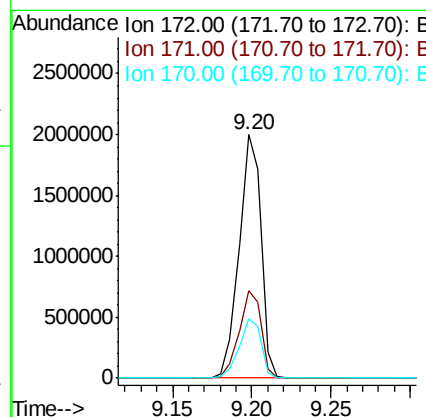
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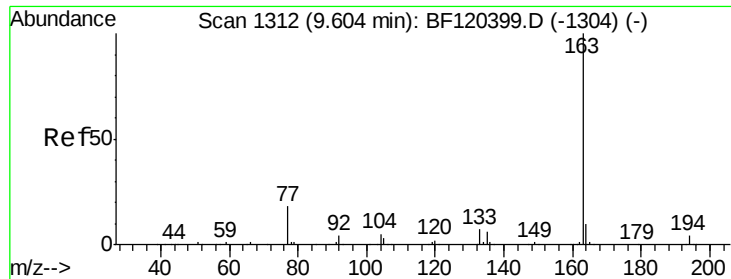
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#45
 2-Fluorobiphenyl
 Concen: 85.421 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120424.D
 Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.9	29.9





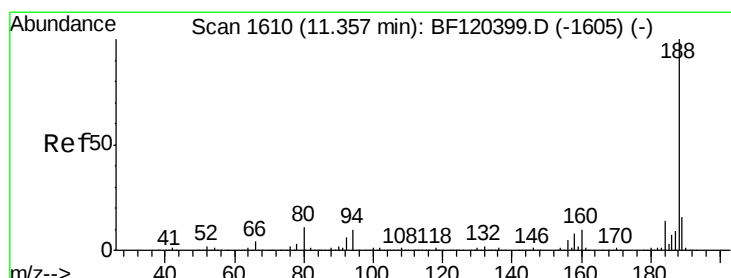
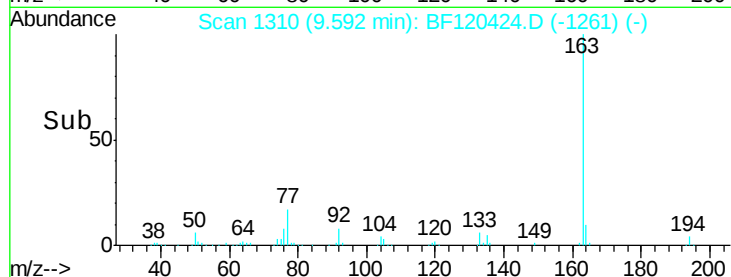
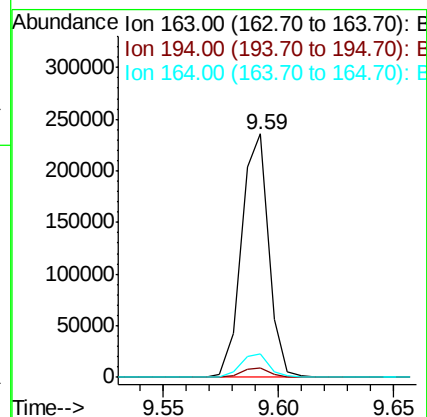
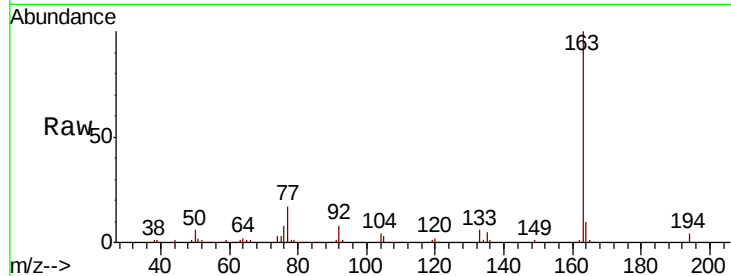
#50
Dimethylphthalate
Concen: 8.142 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		193783		
194	3.9		3.3	4.9	
164	9.6		8.3	12.5	

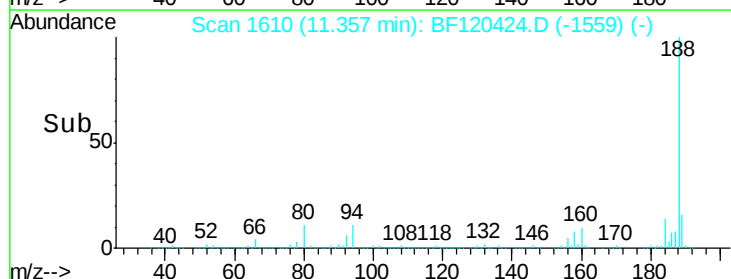
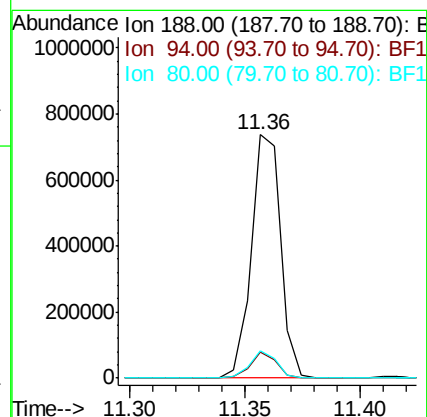
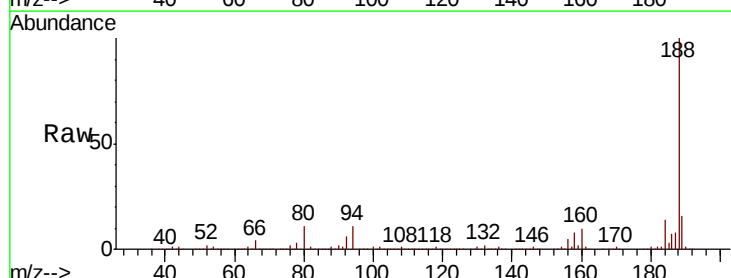
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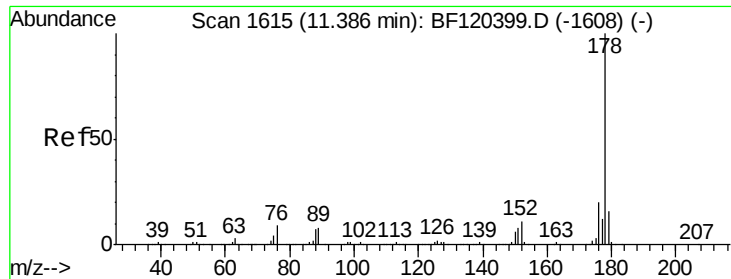
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		654076		
94	10.5		7.9	11.9	
80	11.0		8.6	13.0	





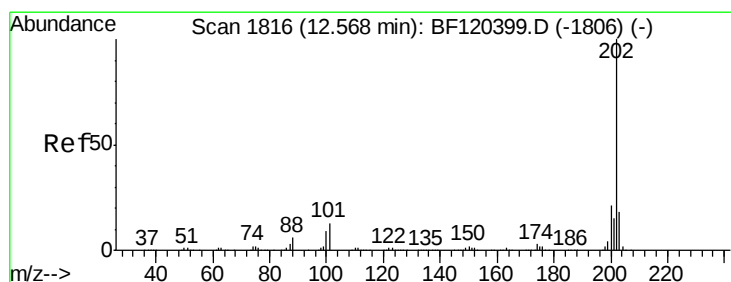
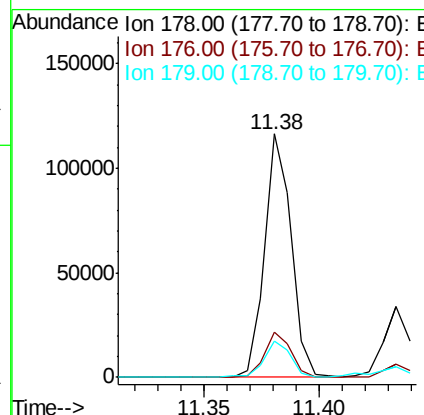
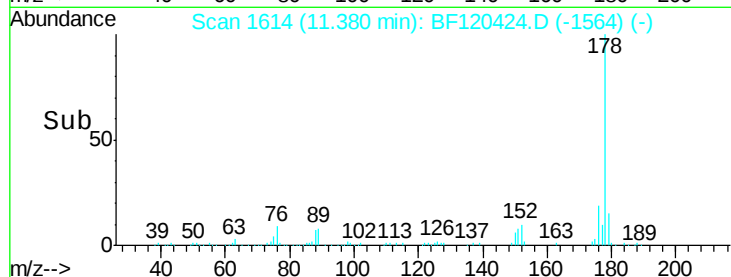
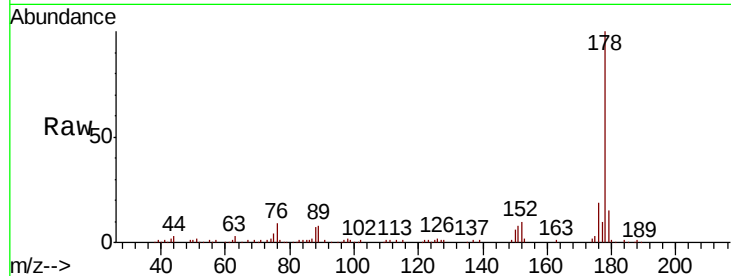
#71
Phenanthrene
Concen: 3.256 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.1	13.0	19.4

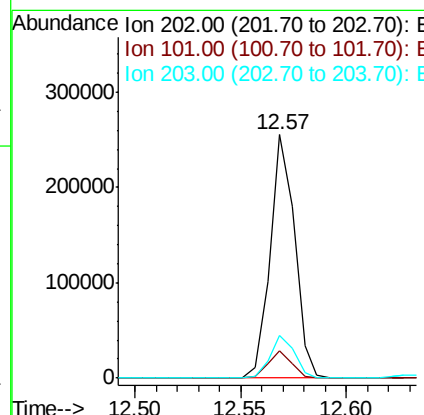
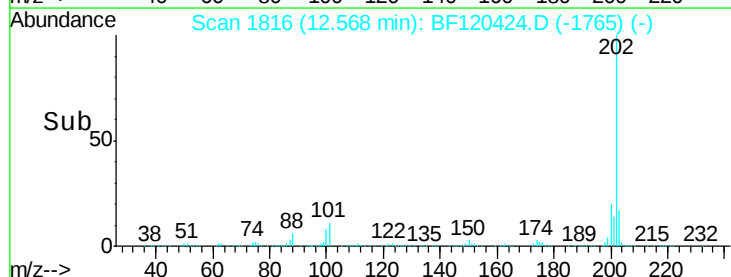
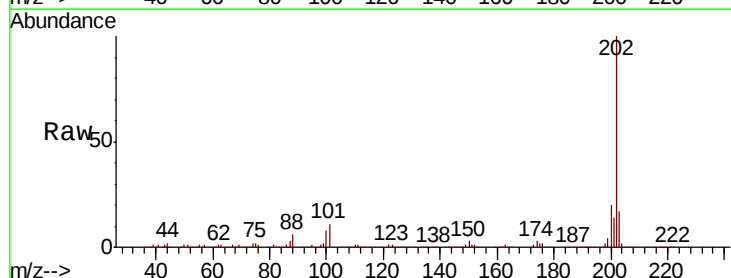
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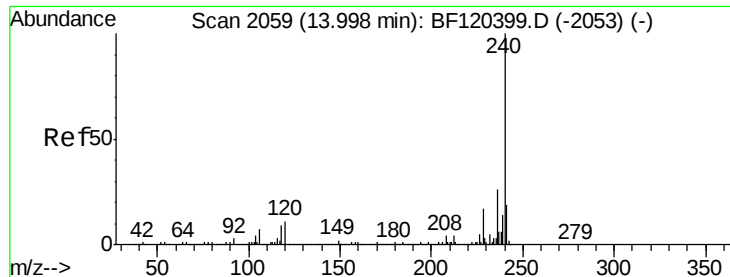
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#75
Fluoranthene
Concen: 6.683 ng
RT: 12.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.6
203	17.3	0.0	38.4





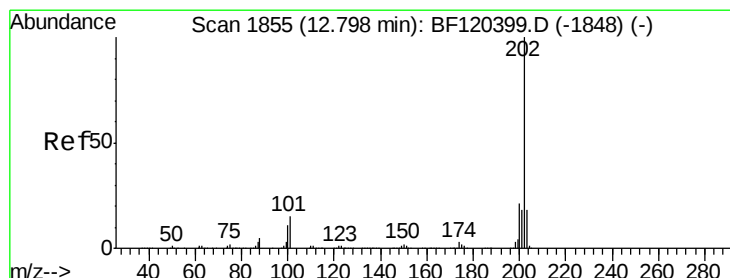
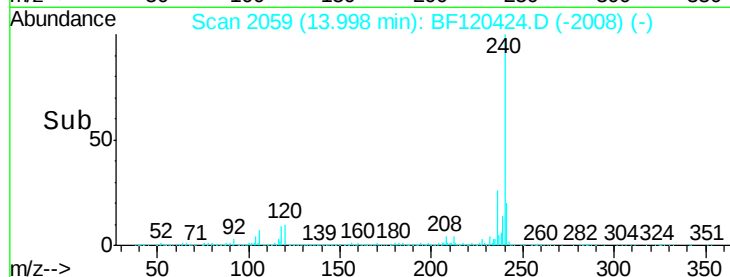
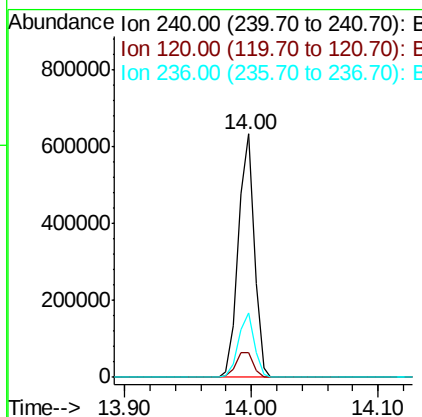
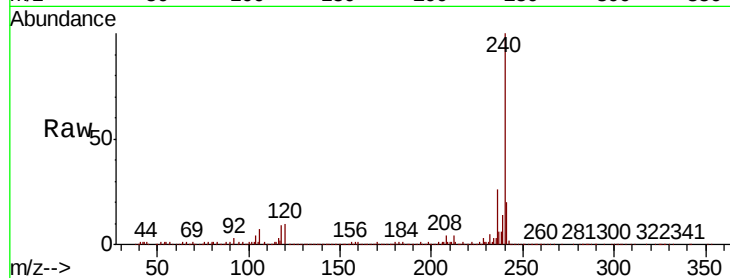
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.8	13.2
236	26.5	21.0	31.4

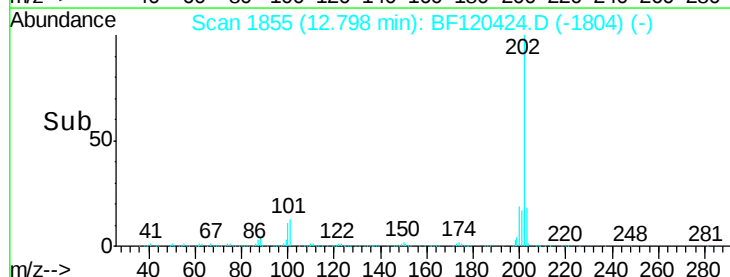
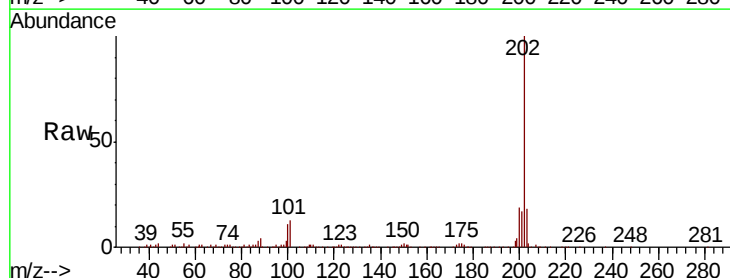
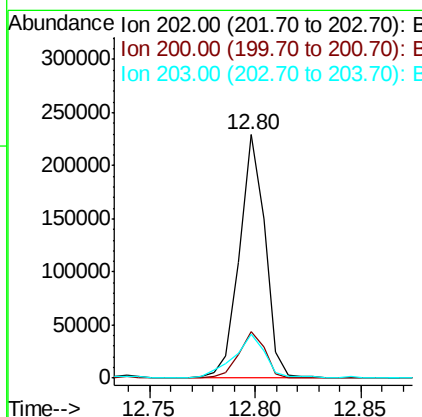
Manual Integrations
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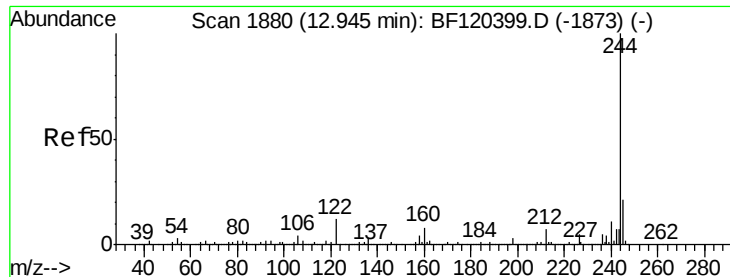
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#78
Pyrene
Concen: 5.048 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.0	25.4
203	18.0	14.7	22.1





#79

Terphenyl-d14

Concen: 77.817 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120424.D

Acq: 28 May 2020 22:52

Instrument :

BNA_F

ClientSampleId :

NM76-COMP-2020-0-6

Tot Ion:244 Resp: 1900315

Ion Ratio Lower Upper

244 100

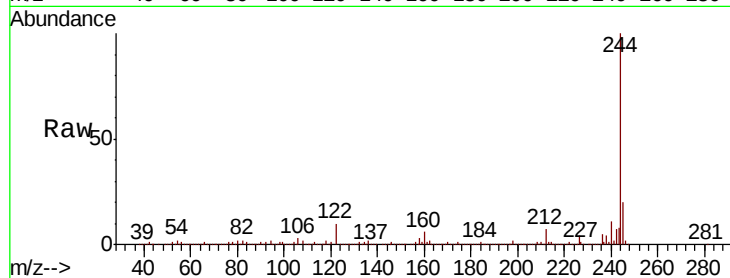
212 6.9 5.9 8.9

122 10.1 9.2 13.8

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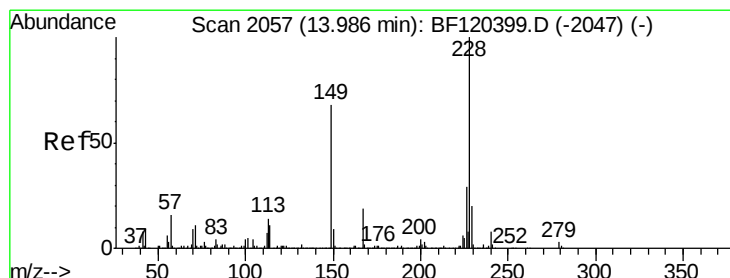
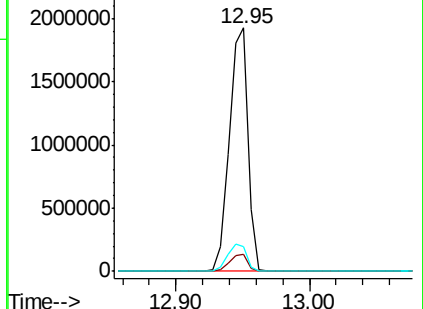
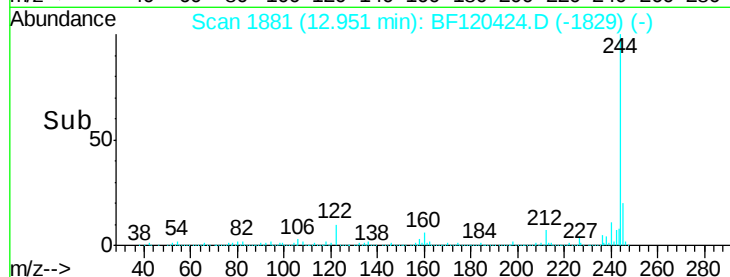
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.734 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120424.D

Acq: 28 May 2020 22:52

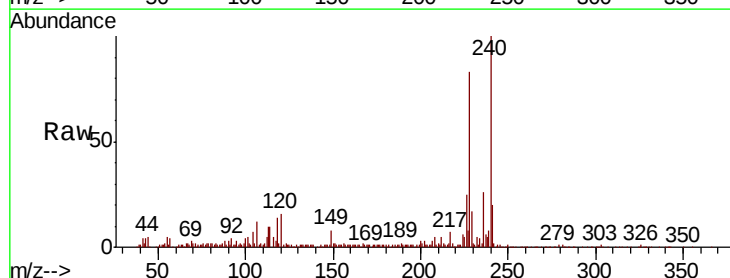
Tgt Ion:228 Resp: 108756

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.4

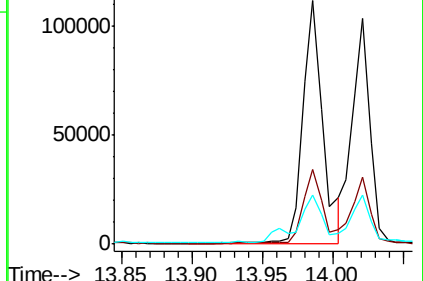
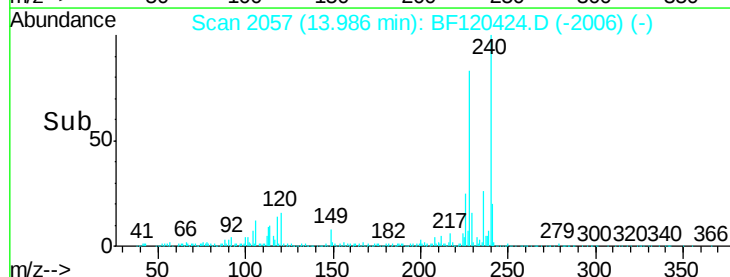
229 20.2 16.2 24.4

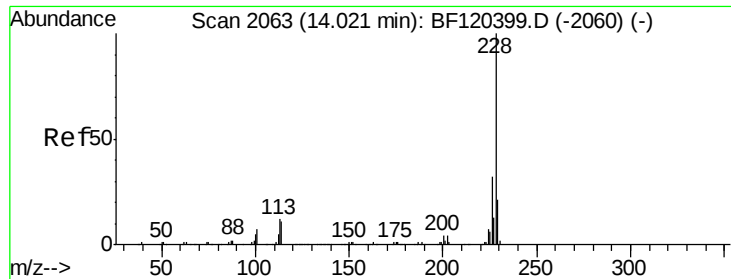


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





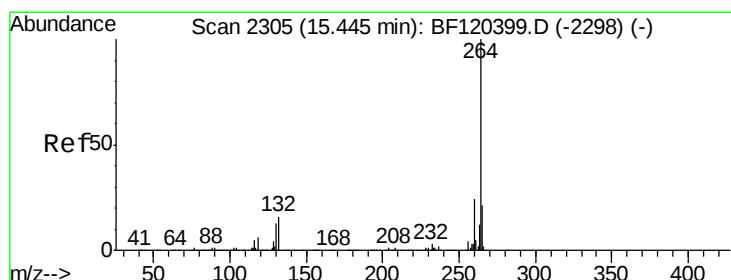
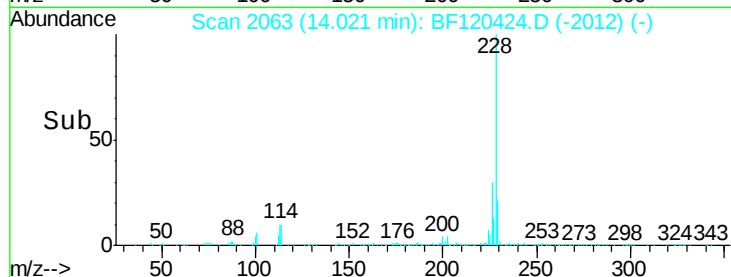
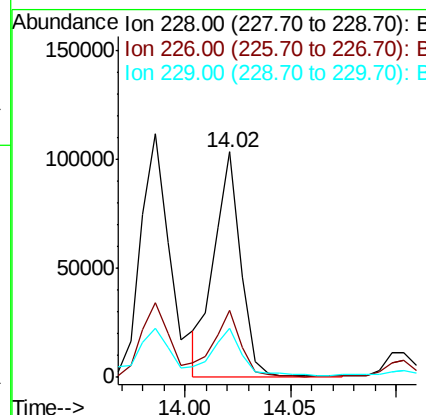
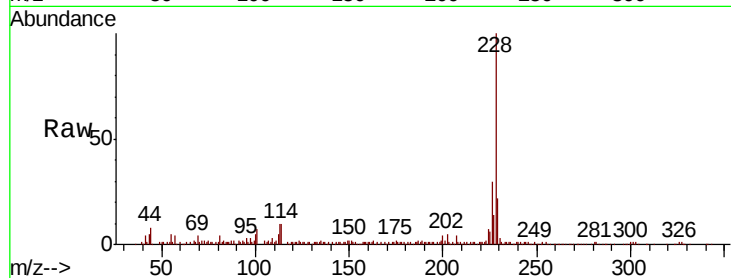
#83
Chrysene
Concen: 2.957 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion:	228	Resp:	90289
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.6	38.4
229	21.8	16.6	25.0

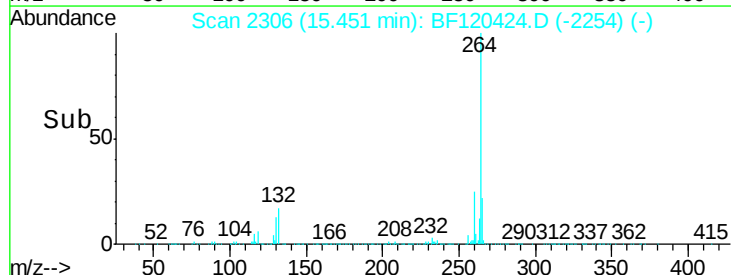
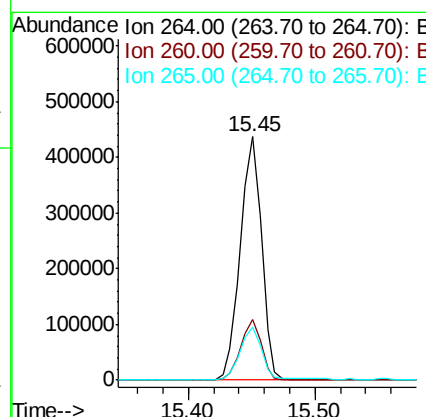
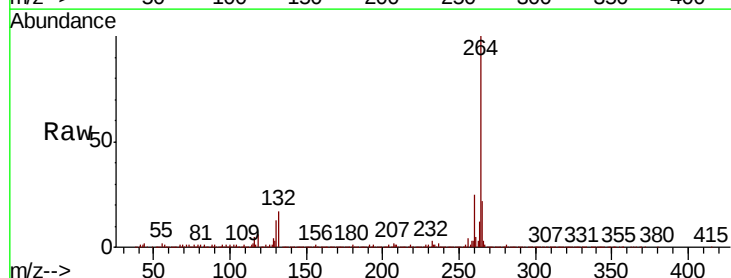
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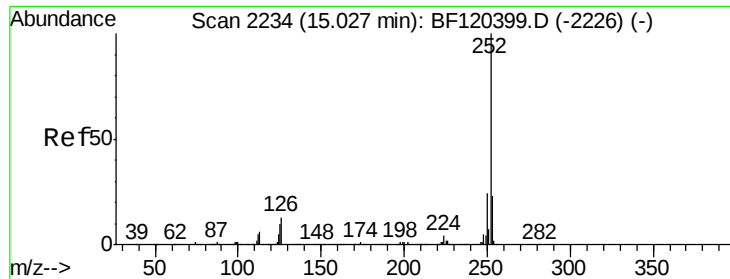
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion:	264	Resp:	503872
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	21.7	16.9	25.3





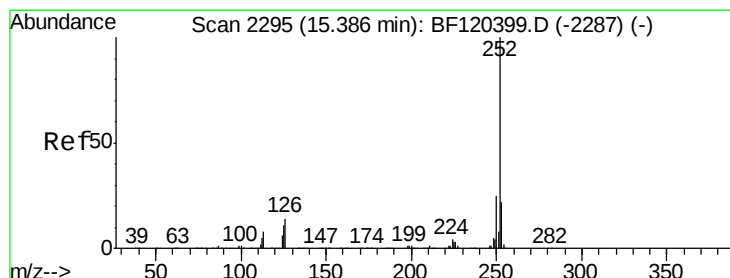
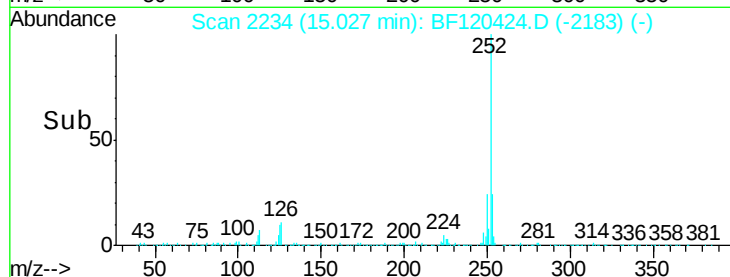
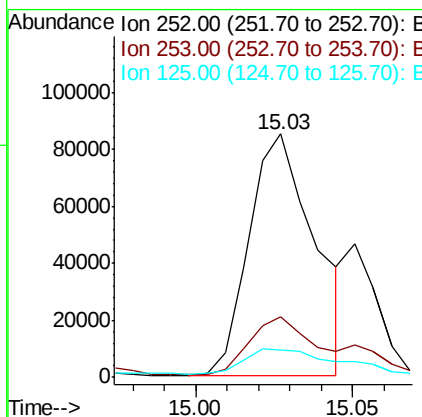
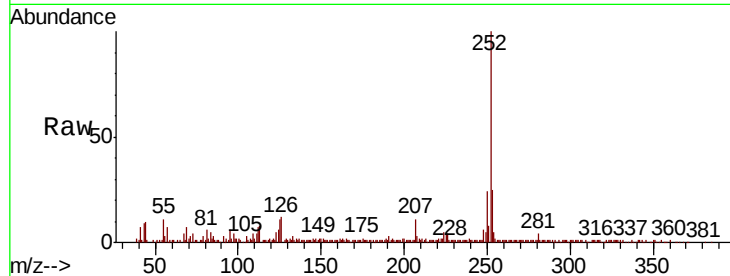
#88
Benzo(b)fluoranthene
Concen: 4.419 ng m
RT: 15.03 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Instrument :
BNA_F
ClientSampleId :
NM76-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	11.2	7.8	11.8

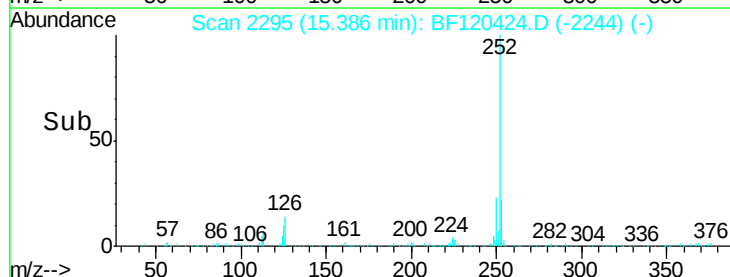
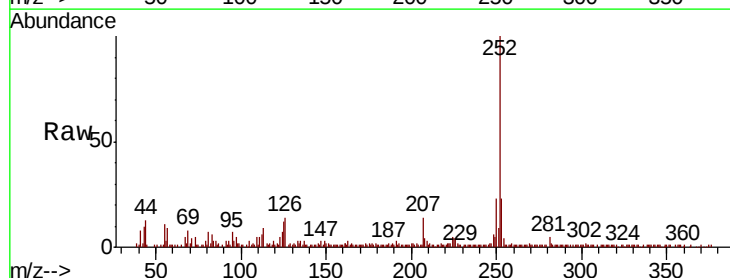
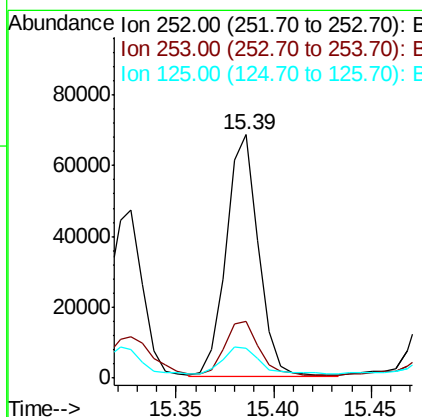
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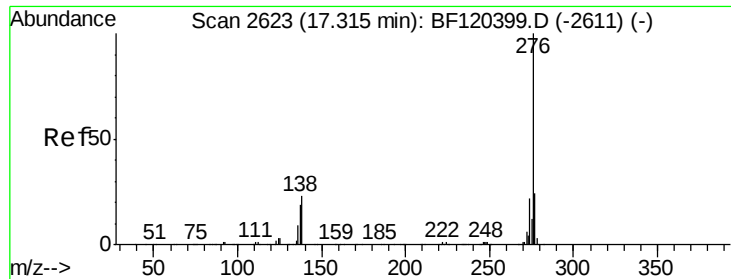
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#90
Benzo(a)pyrene
Concen: 3.174 ng
RT: 15.39 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BF120424.D
Acq: 28 May 2020 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.3	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.020 ng
 RT: 17.32 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF120424.D
 Acq: 28 May 2020 22:52

Instrument :
 BNA_F
 ClientSampleId :
 NM76-COMP-2020-0-6

Tot Ion:	276	Resp:	44763
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.5	29.3
138	23.5	18.1	27.1

Manual Integrations
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