

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120518.D
 Acq On : 3 Jun 2020 19:15
 Operator : JU/CG
 Sample : L2839-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 01:12:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	144353	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	533061	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	264653	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	437523	20.00	ng	0.00
76) Chrysene-d12	14.00	240	421331	20.00	ng	-0.01
86) Perylene-d12	15.45	264	386168	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	596547	78.76	ng	0.00
7) Phenol-d6	6.47	99	765793	82.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	532012	65.28	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	222521	90.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1034014	66.29	ng	0.00
79) Terphenyl-d14	12.94	244	1117844	59.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	157220	9.502	ng	98
71) Phenanthrene	11.38	178	184641	9.578	ng	97
75) Fluoranthene	12.57	202	323370	15.589	ng	99
78) Pyrene	12.80	202	298025	10.171	ng	97
81) Benzo(a)anthracene	13.99	228	166882	7.390	ng	99
83) Chrysene	14.02	228	140081	5.917	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	58191	2.755	ng	95
88) Benzo(b)fluoranthene	15.03	252	173708m	8.099	ng	
89) Benzo(k)fluoranthene	15.05	252	60463m	3.020	ng	
90) Benzo(a)pyrene	15.39	252	118314	6.306	ng	99
92) Benzo(g,h,i)perylene	17.33	276	60675	3.573	ng	96

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

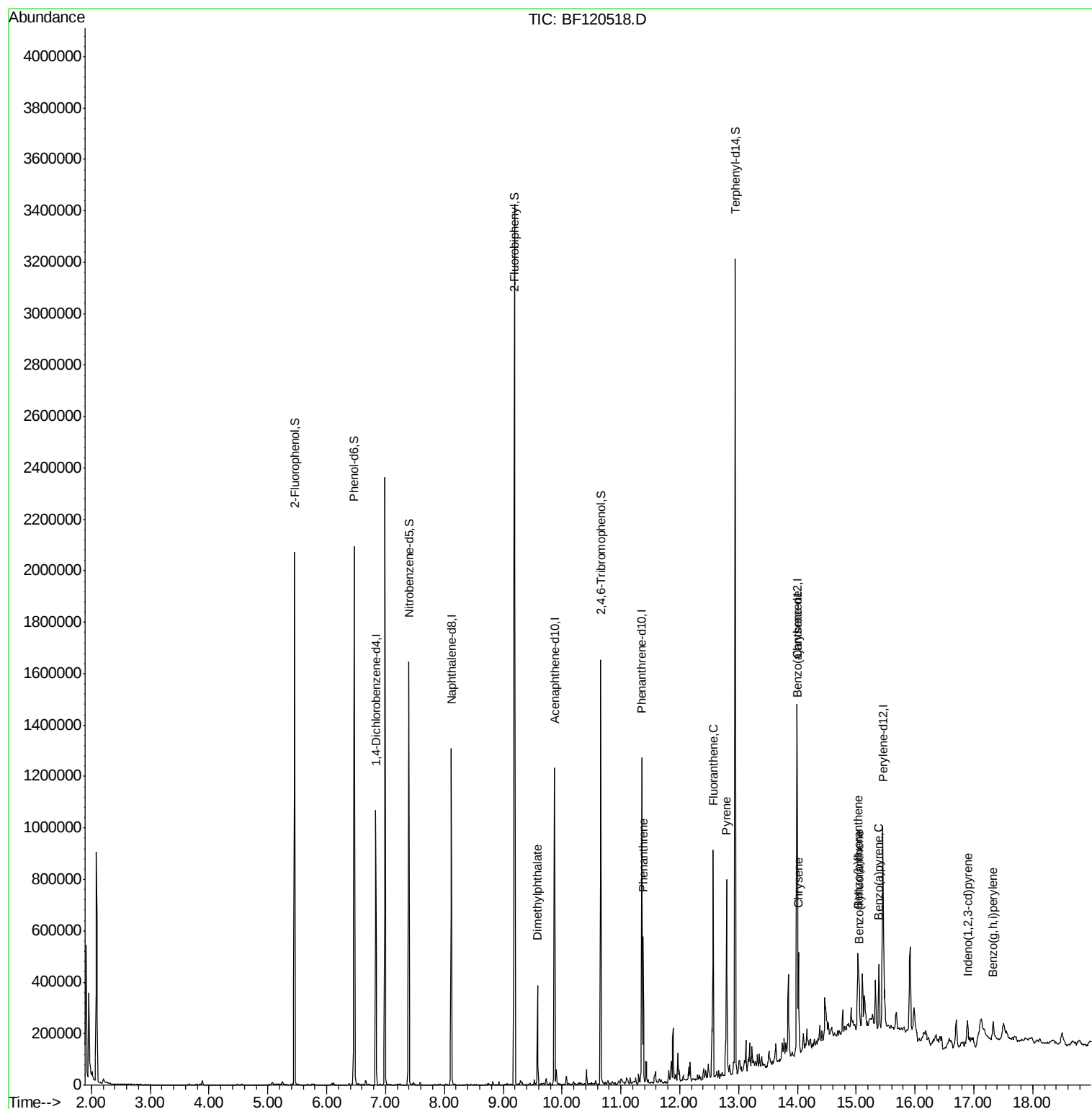
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120518.D
Acq On : 3 Jun 2020 19:15
Operator : JU/CG
Sample : L2839-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

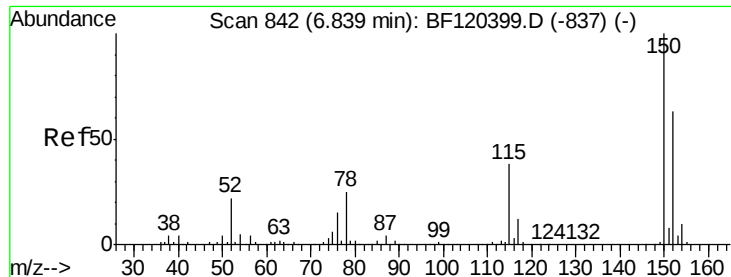
Instrument :
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NM21-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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#1

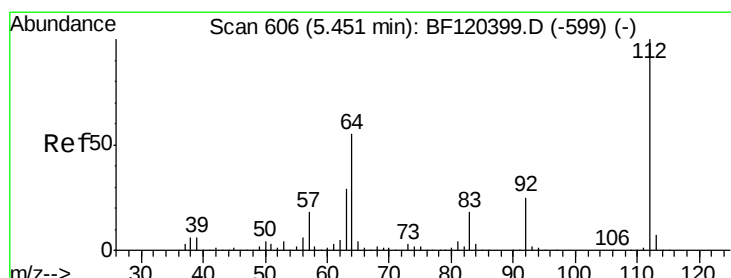
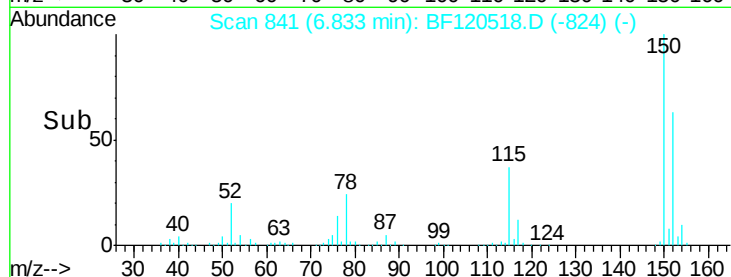
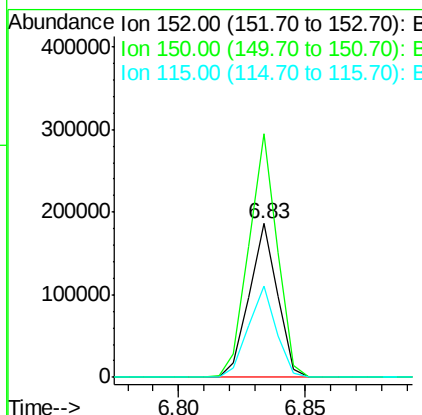
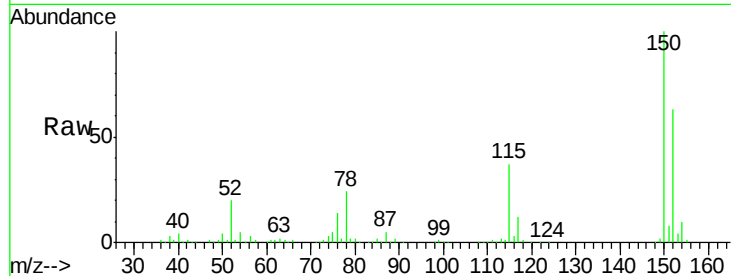
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.1	190.7
115	59.0	48.7	73.1

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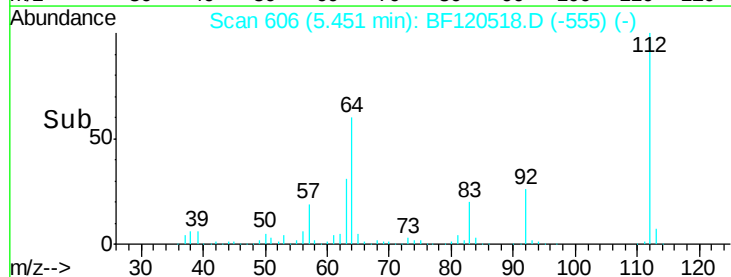
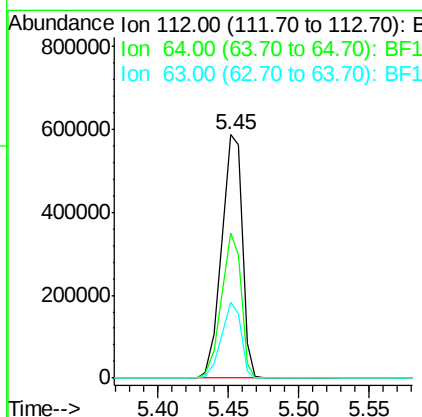
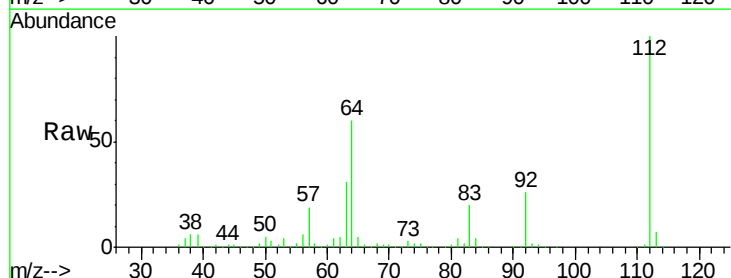
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#5

2-Fluorophenol
Concen: 78.756 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.8	68.8
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 82.024 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120518.D

Acq: 3 Jun 2020 19:15

Instrument :

BNA_F

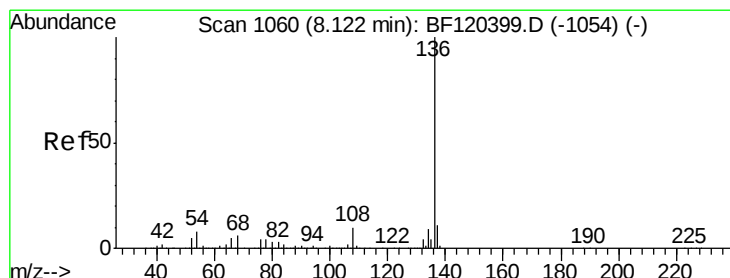
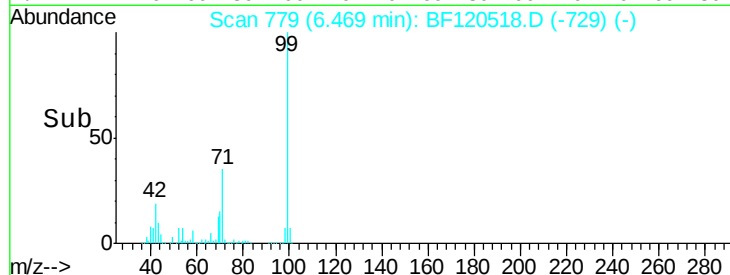
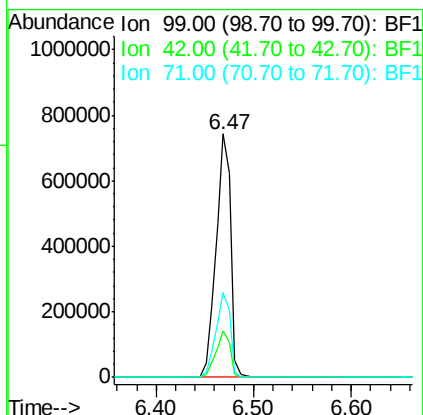
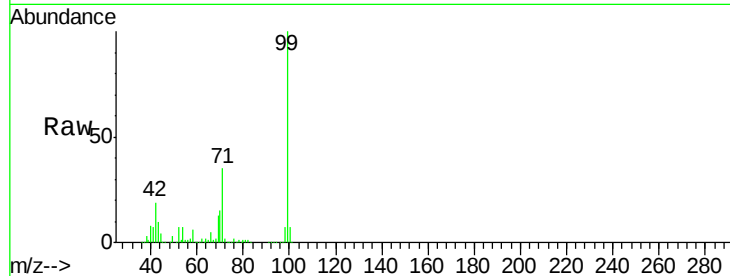
ClientSampleId :

NM21-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		765793		
42	19.3	15.0	22.4		
71	35.0	26.3	39.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

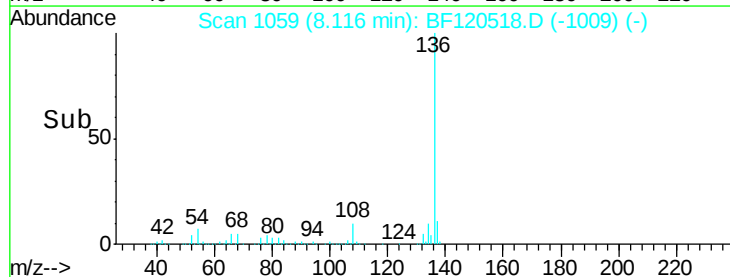
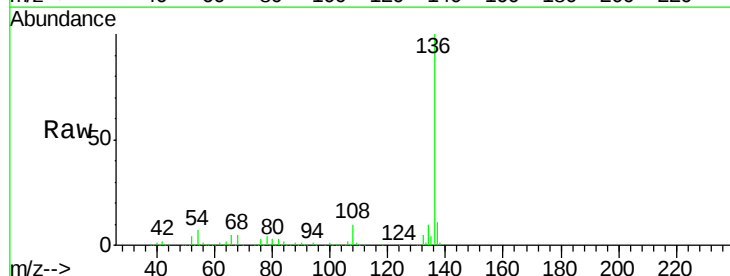
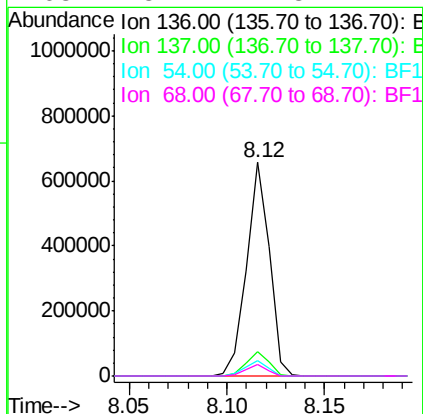
RT: 8.12 min Scan# 1059

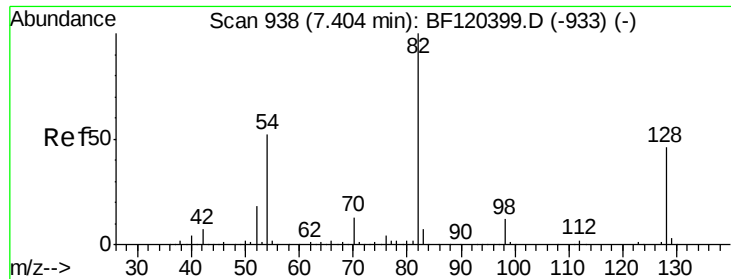
Delta R.T. -0.01 min

Lab File: BF120518.D

Acq: 3 Jun 2020 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		533061		
137	11.3	9.0	13.4		
54	7.4	6.0	9.0		
68	5.2	4.8	7.2		





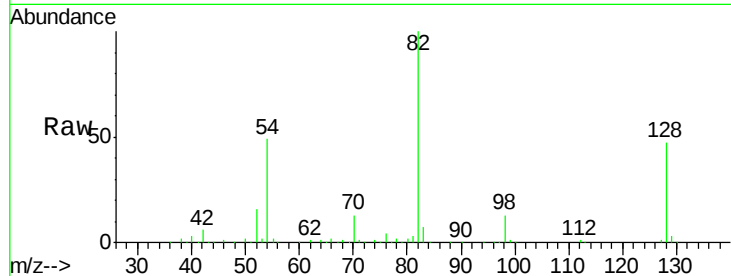
#23
 Nitrobenzene-d5
 Concen: 65.284 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

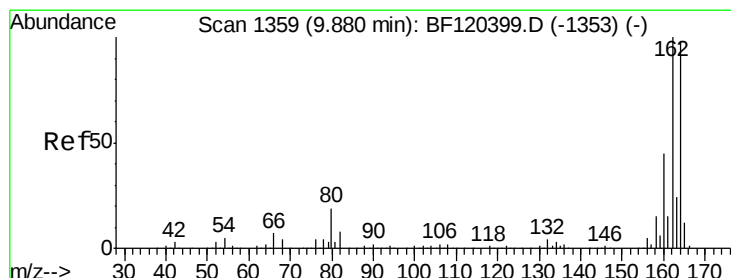
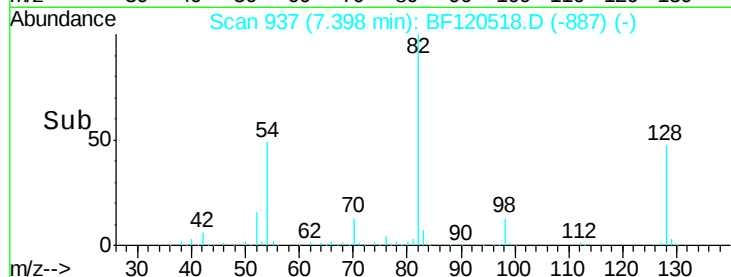
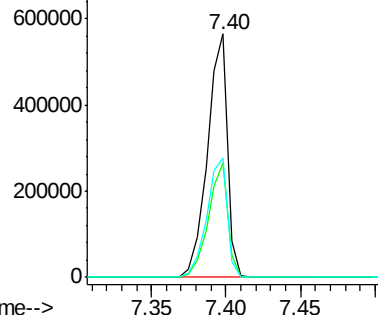
Tot Ion	Ratio	Resp	Lower	Upper
82	100	532012		
128	47.0		37.4	56.0
54	49.0		40.7	61.1

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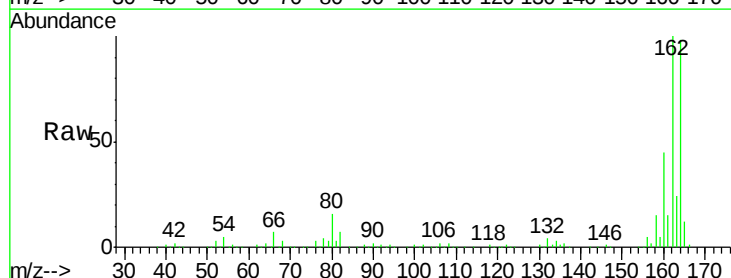


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

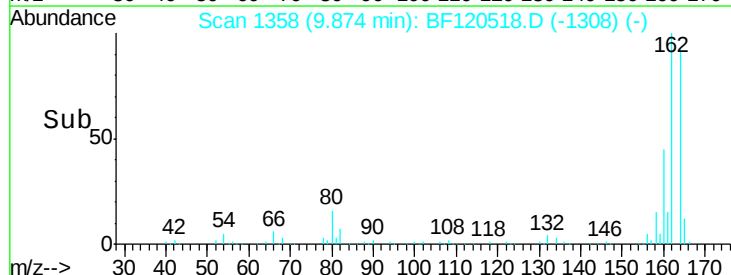
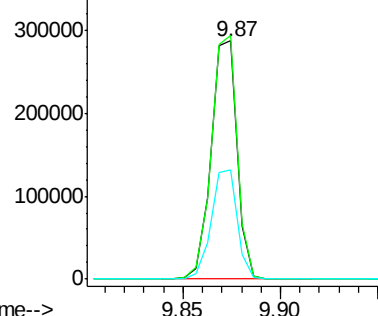


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	264653		
162	102.3		81.8	122.6
160	45.9		37.3	55.9



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





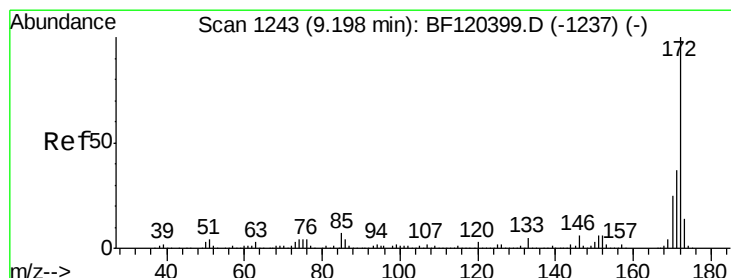
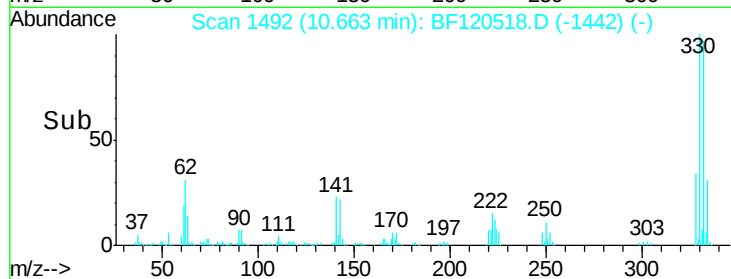
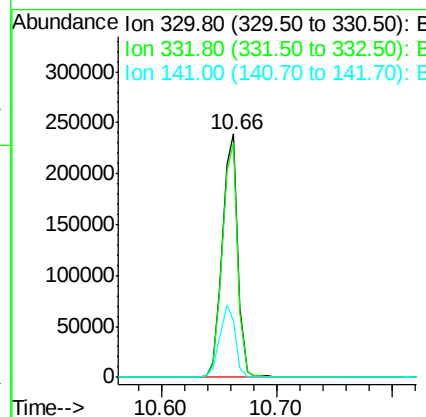
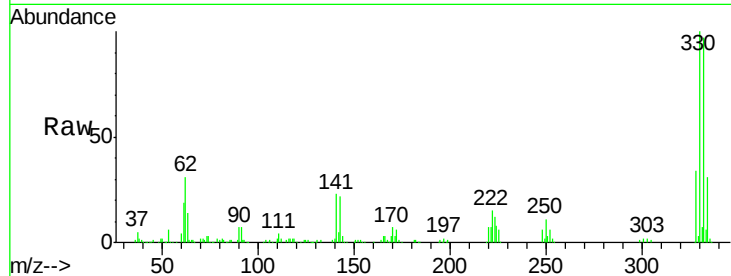
#42
 2,4,6-Tribromophenol
 Concen: 90.746 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	222521		
332	96.0		77.4	116.2
141	29.6		23.5	35.3

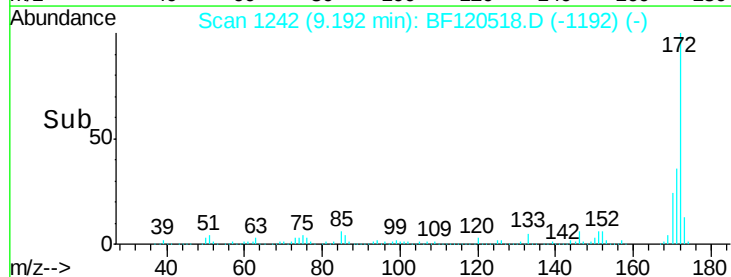
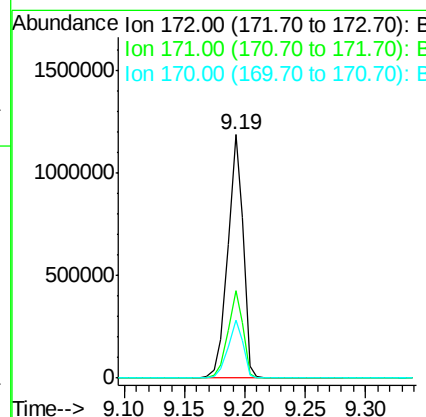
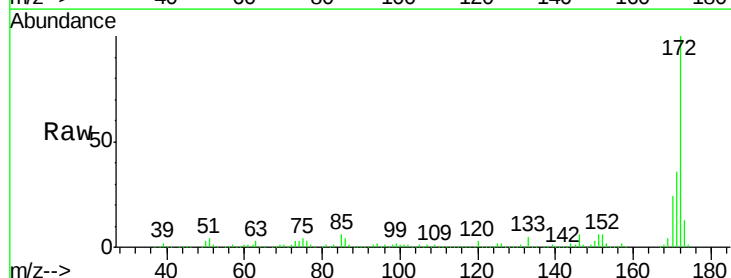
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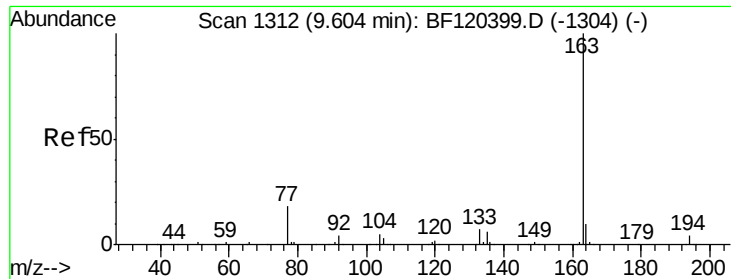
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#45
 2-Fluorobiphenyl
 Concen: 66.291 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1034014		
171	35.9		29.2	43.8
170	23.6		20.1	30.1





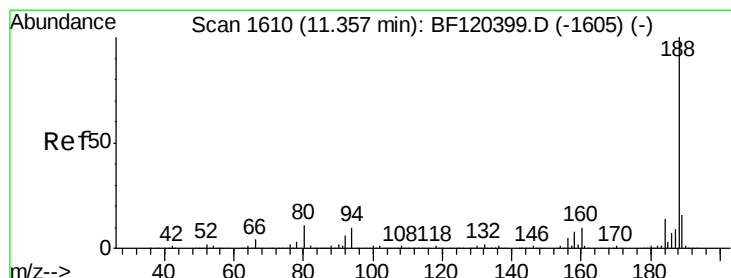
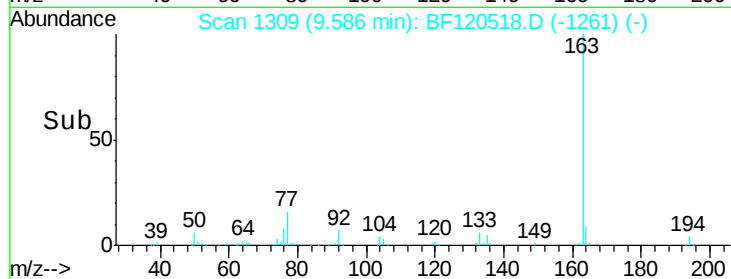
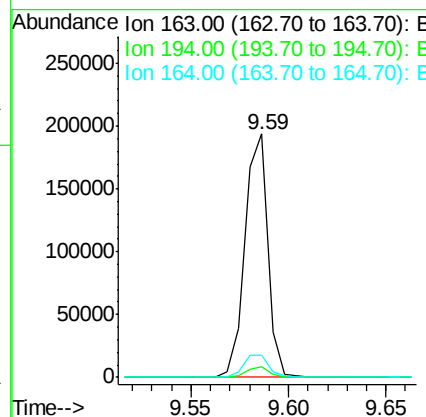
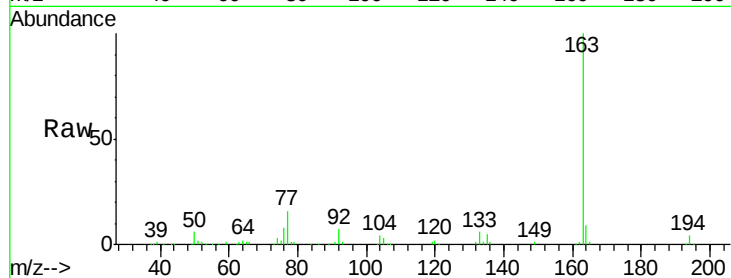
#50
Dimethylphthalate
Concen: 9.502 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	157220		
194	4.2		3.1	4.7
164	9.2		8.2	12.4

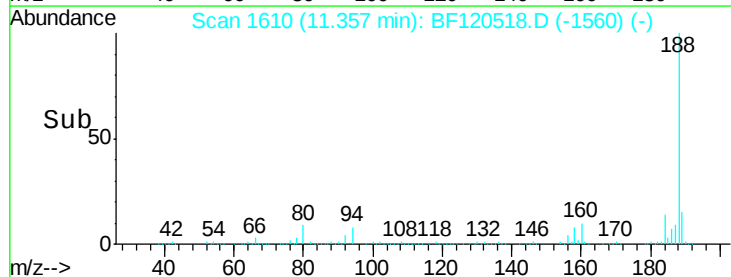
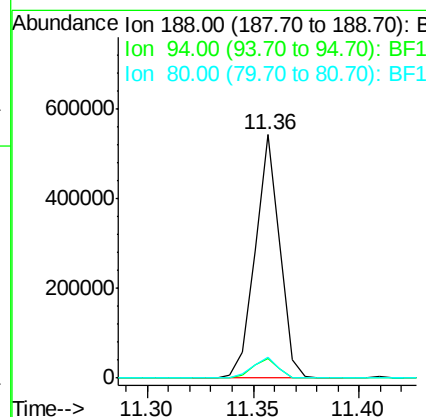
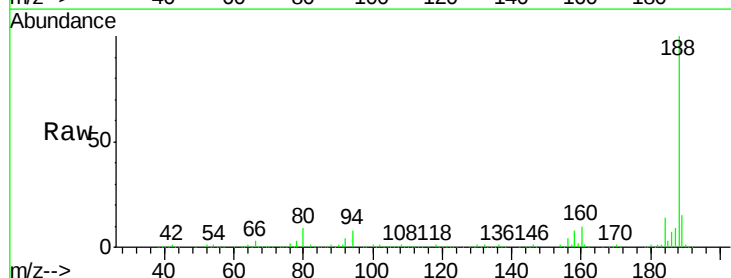
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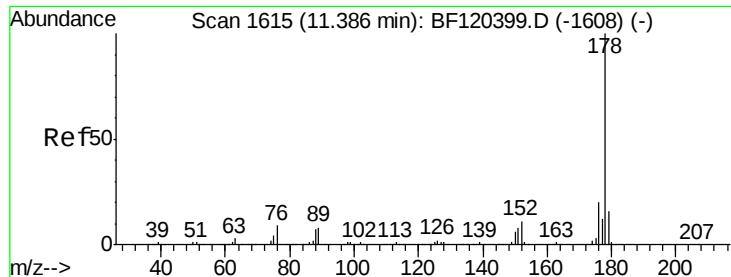
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	437523		
94	8.2		7.5	11.3
80	8.7		7.9	11.9





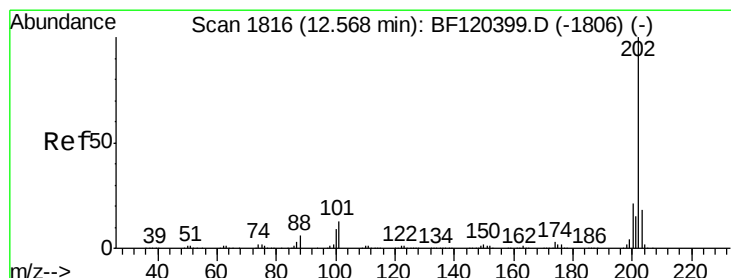
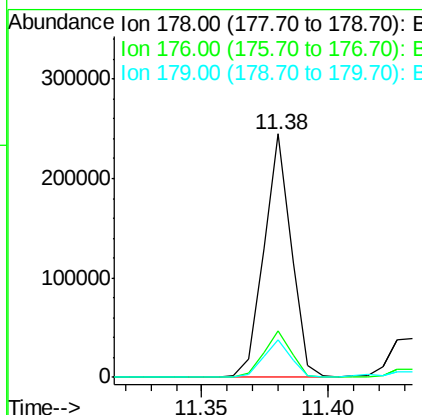
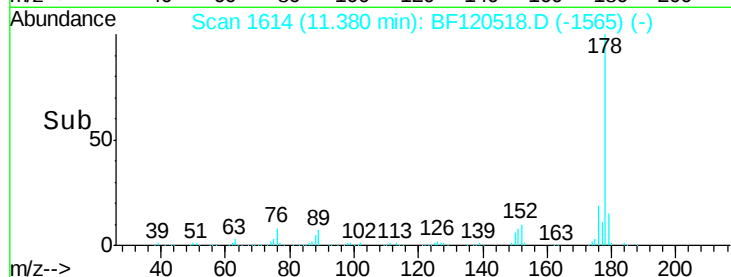
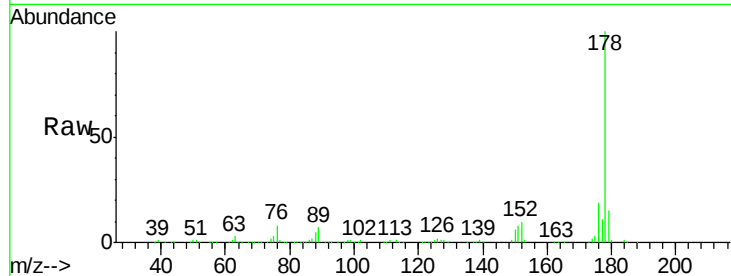
#71
Phenanthrene
Concen: 9.578 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	24.8
179	15.4	13.0	19.4

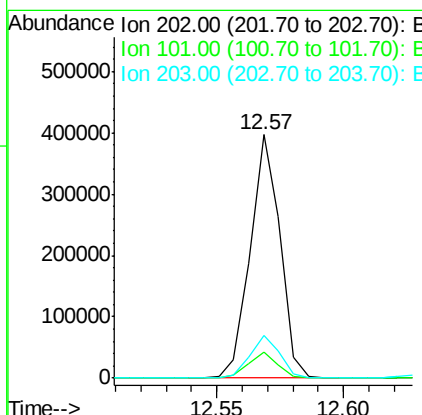
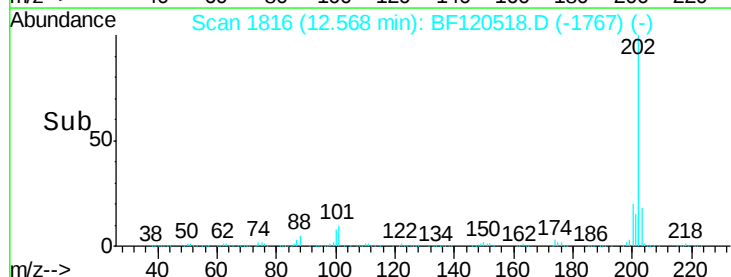
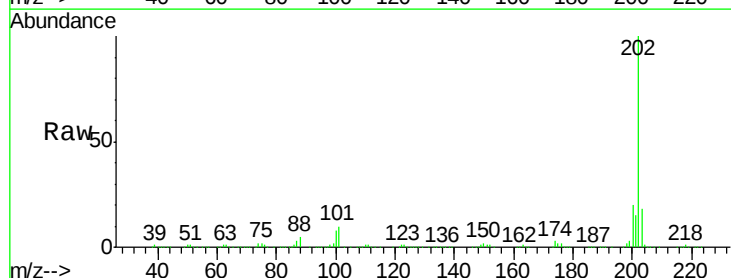
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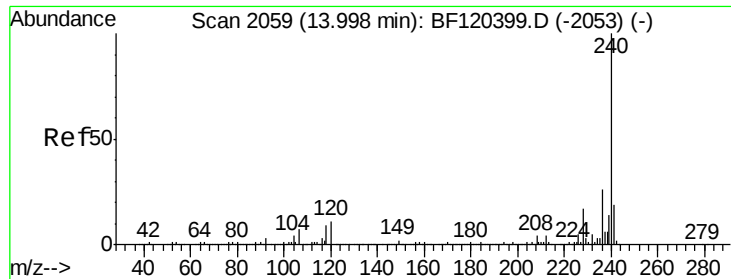
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#75
Fluoranthene
Concen: 15.589 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.7	0.0	38.2





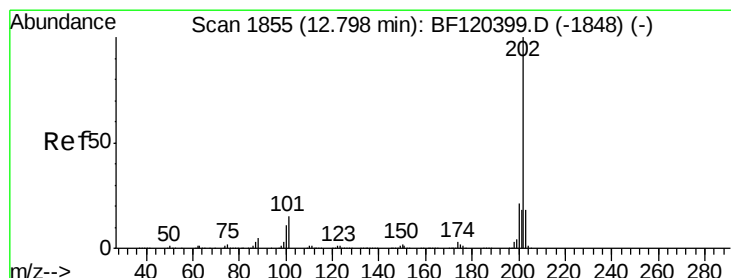
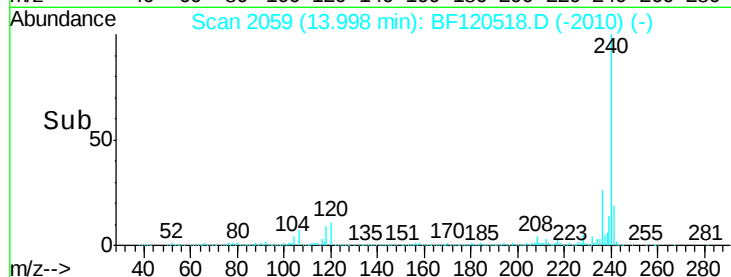
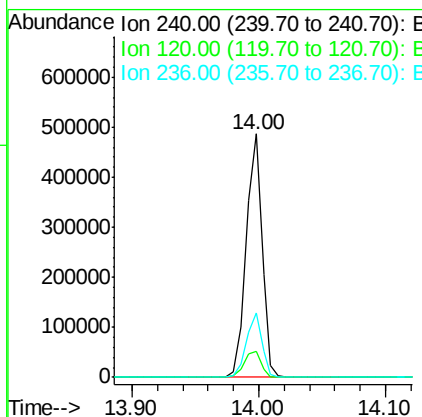
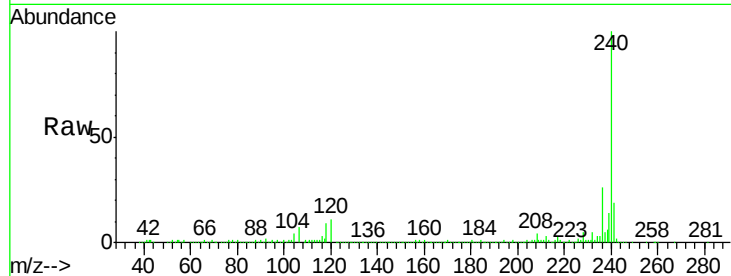
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.9	11.9
236	26.3	21.1	31.7

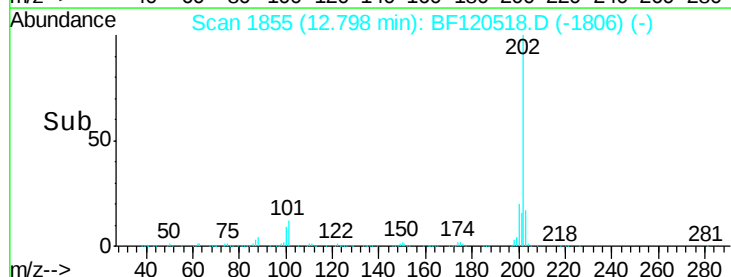
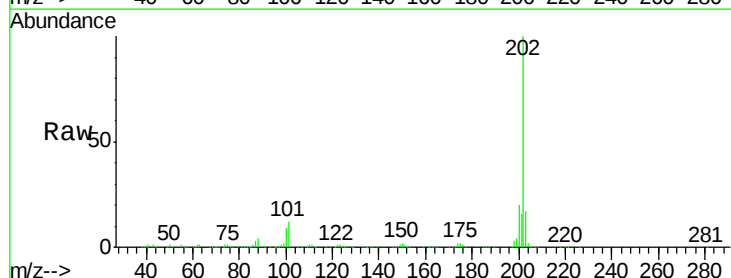
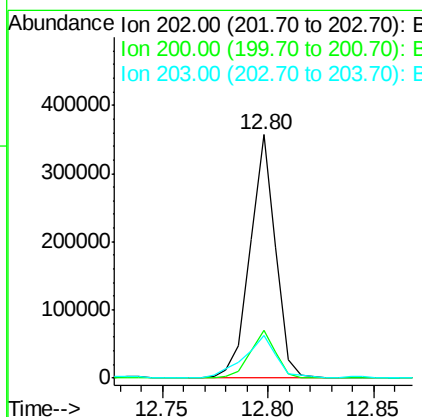
Manual Integrations
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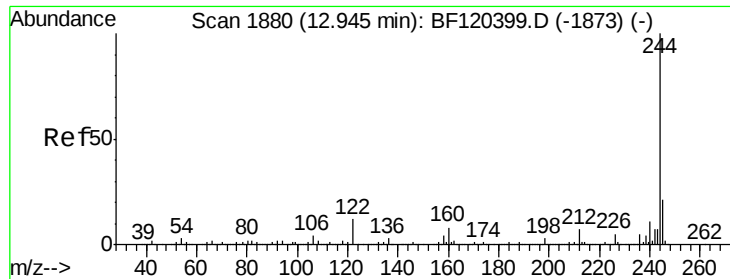
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#78
Pyrene
Concen: 10.171 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.3	25.9
203	17.4	14.5	21.7





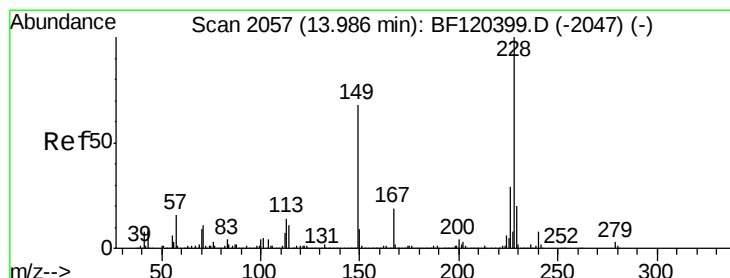
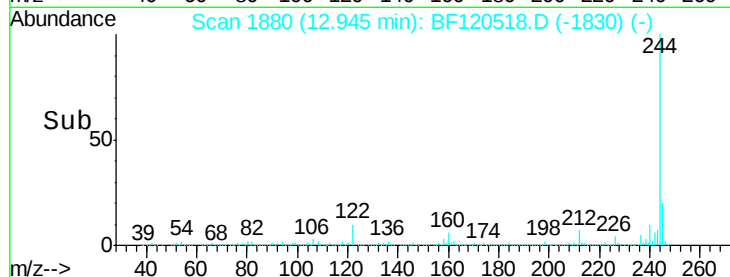
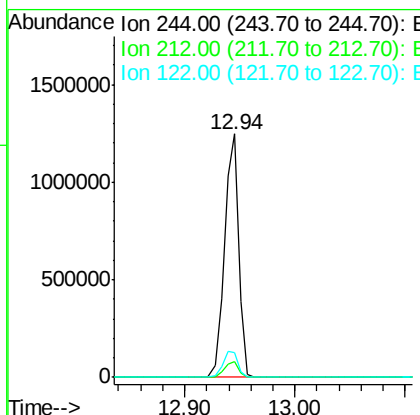
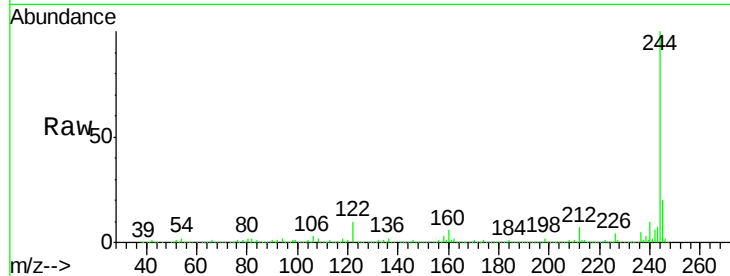
#79
 Terphenyl-d14
 Concen: 59.038 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion:244 Resp: 1117844
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.3 8.2 12.4

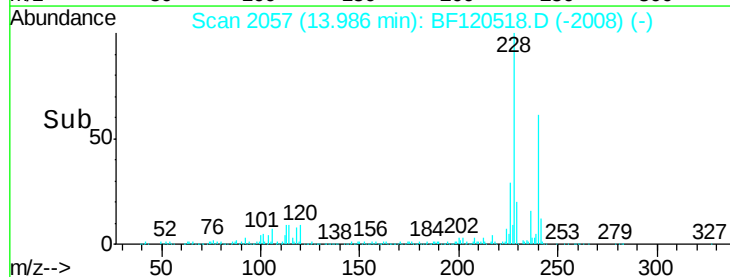
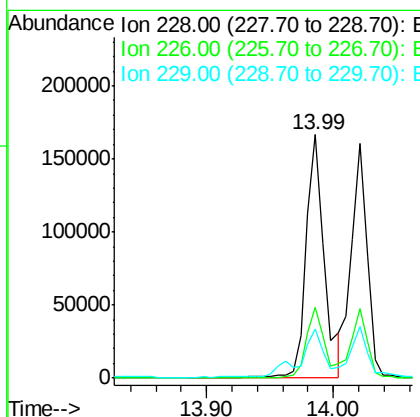
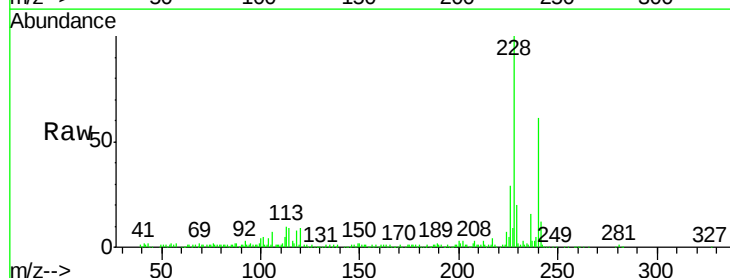
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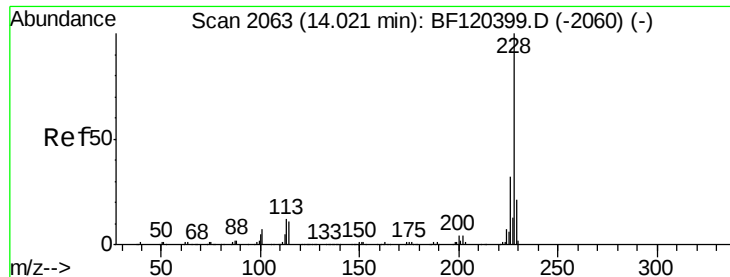
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#81
 Benzo(a)anthracene
 Concen: 7.390 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Tgt Ion:228 Resp: 166882
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.7 34.1
 229 20.4 16.3 24.5





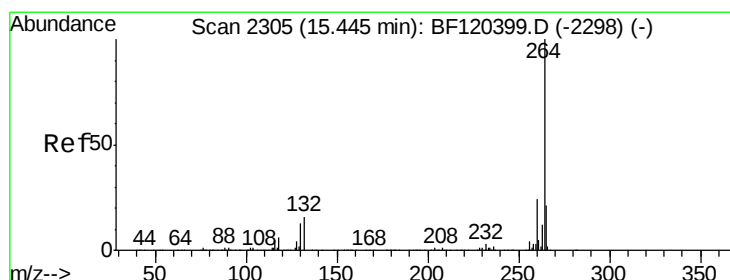
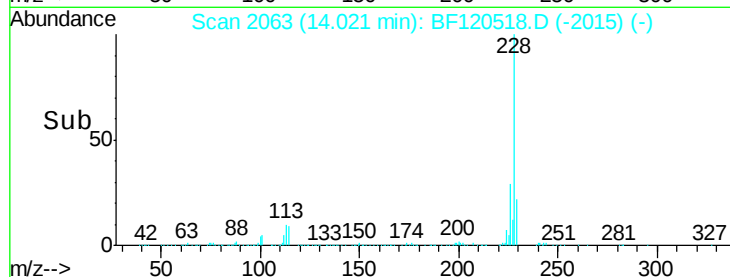
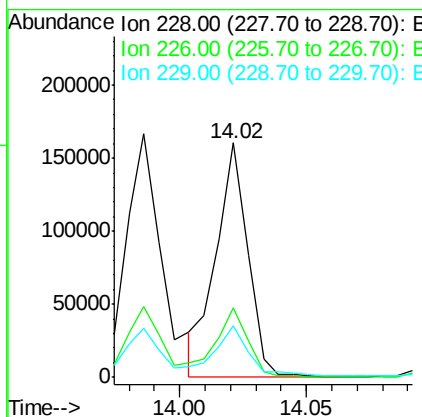
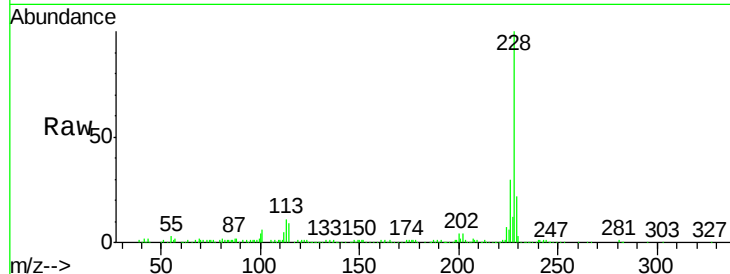
#83
Chrysene
Concen: 5.917 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion:	228	Resp:	140081
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.2	37.8
229	22.0	16.1	24.1

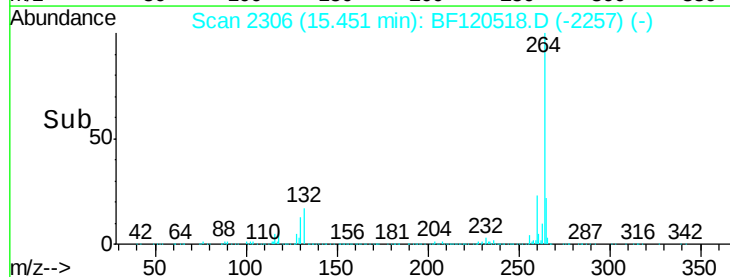
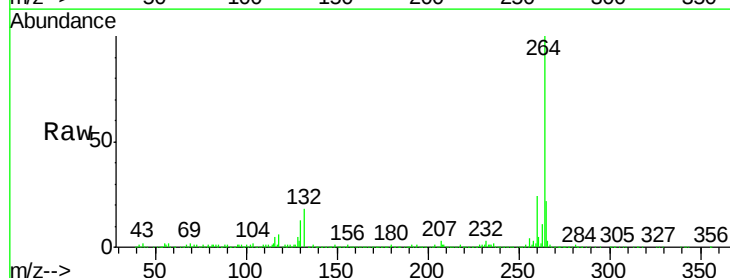
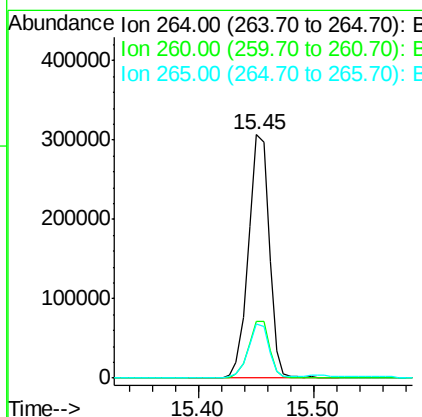
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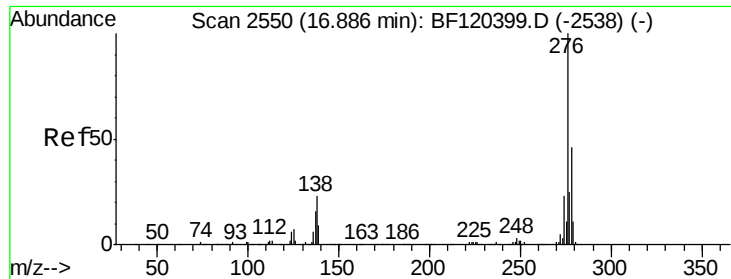
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion:	264	Resp:	386168
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.8
265	22.1	17.5	26.3





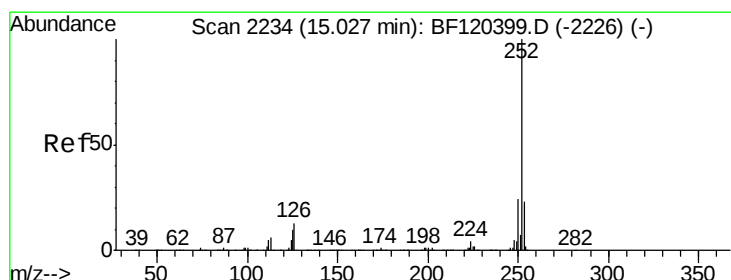
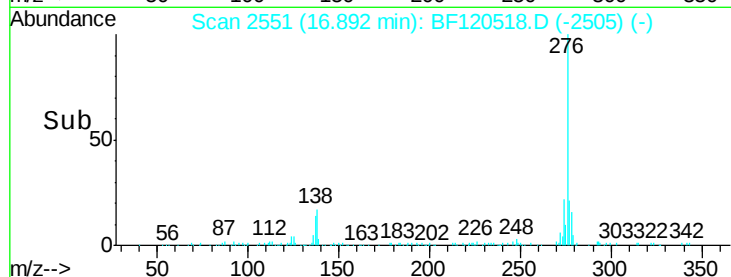
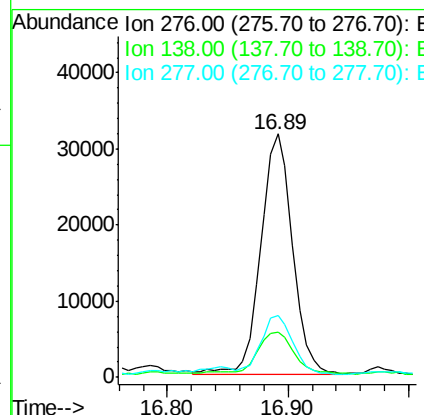
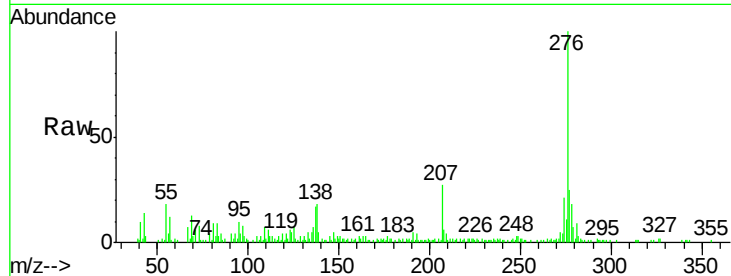
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.755 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.2	28.8
277	25.1	20.4	30.6

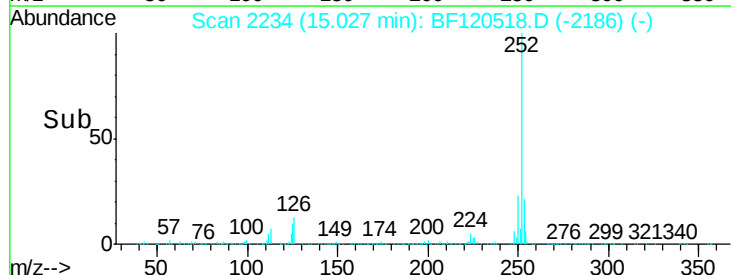
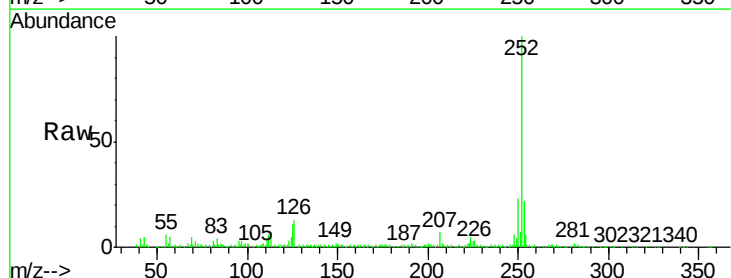
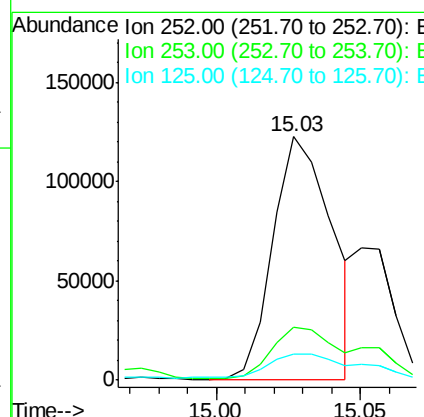
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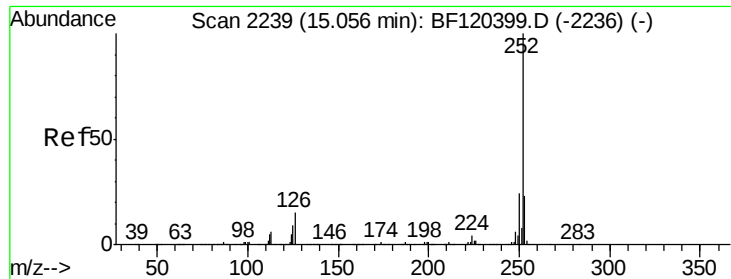
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#88
 Benzo(b)fluoranthene
 Concen: 8.099 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.6	7.6	11.4





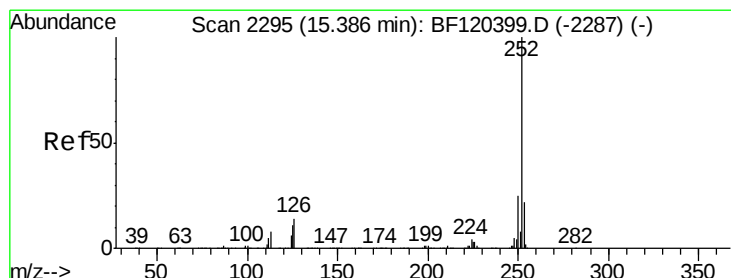
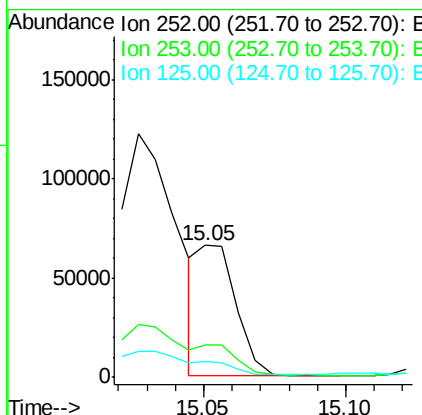
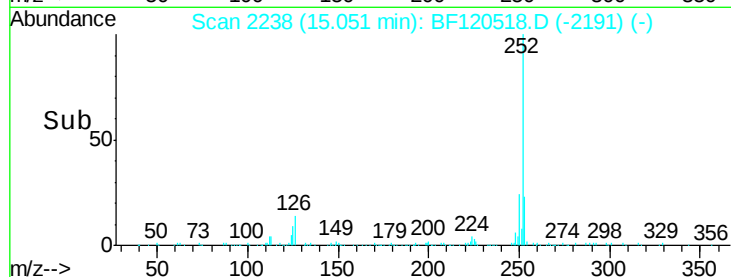
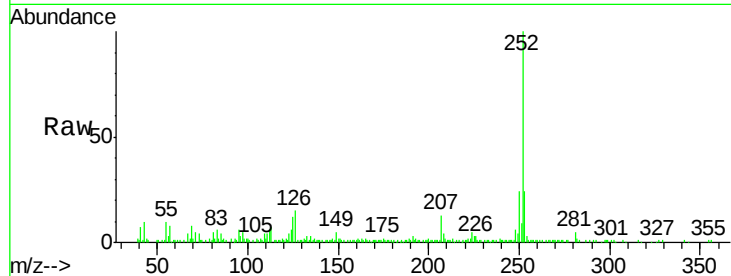
#89
Benzo(k)fluoranthene
Concen: 3.020 ng
RT: 15.05 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Instrument :
BNA_F
ClientSampleId :
NM21-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	11.7	7.5	11.3

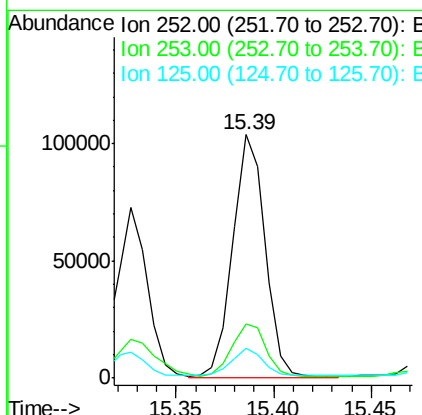
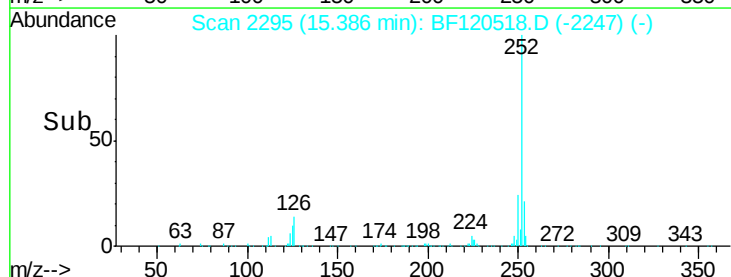
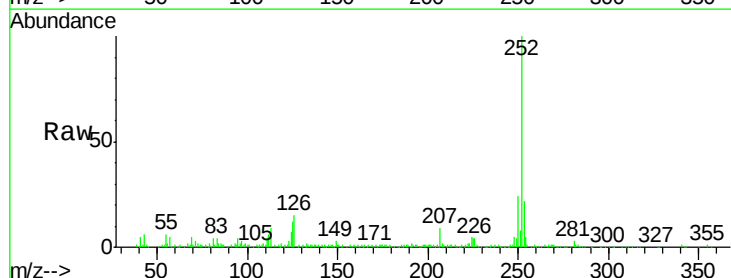
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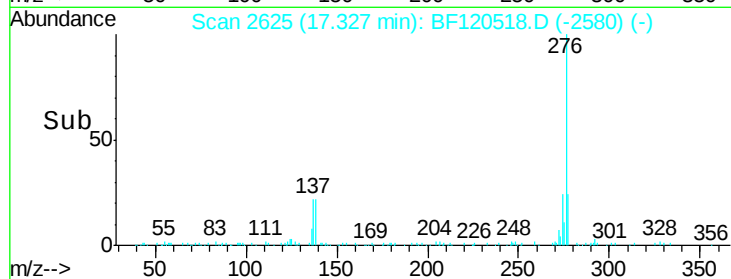
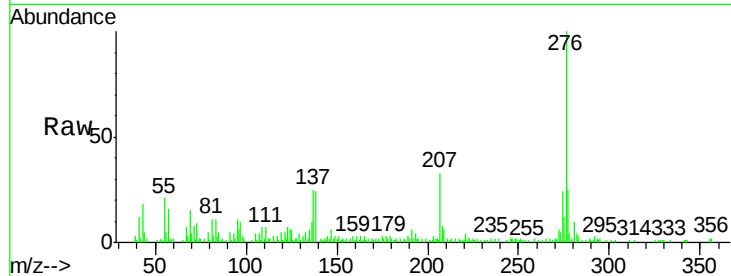
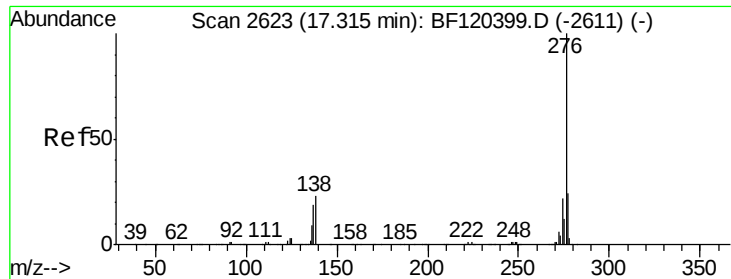
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#90
Benzo(a)pyrene
Concen: 6.306 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120518.D
Acq: 3 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.3	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.573 ng
 RT: 17.33 min Scan# 2625
 Delta R.T. -0.04 min
 Lab File: BF120518.D
 Acq: 3 Jun 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 NM21-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.1	19.4	29.2
138	24.4	16.6	25.0

Manual Integrations
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