

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120526.D
 Acq On : 3 Jun 2020 22:55
 Operator : JU/CG
 Sample : L2839-08 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 02:16:12 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	217240	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	747171	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	347476	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	550371	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394642	20.00	ng	-0.01
86) Perylene-d12	15.46	264	316200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	402835	35.34	ng	0.00
7) Phenol-d6	6.47	99	744107	52.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	440876	38.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	174292	54.14	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	856535	41.82	ng	0.00
79) Terphenyl-d14	12.94	244	679700	38.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	145201	6.684	ng	100
71) Phenanthrene	11.38	178	150099	6.189	ng	96
75) Fluoranthene	12.57	202	296320	11.356	ng	99
78) Pyrene	12.80	202	262330	9.558	ng	99
81) Benzo(a)anthracene	13.99	228	150755	7.128	ng	99
83) Chrysene	14.02	228	134508	6.066	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	70260	4.063	ng	95
88) Benzo(b)fluoranthene	15.03	252	170893m	9.730	ng	
89) Benzo(k)fluoranthene	15.06	252	42653m	2.601	ng	
90) Benzo(a)pyrene	15.39	252	104885	6.828	ng	99
92) Benzo(g,h,i)perylene	17.34	276	68534	4.928	ng	97

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

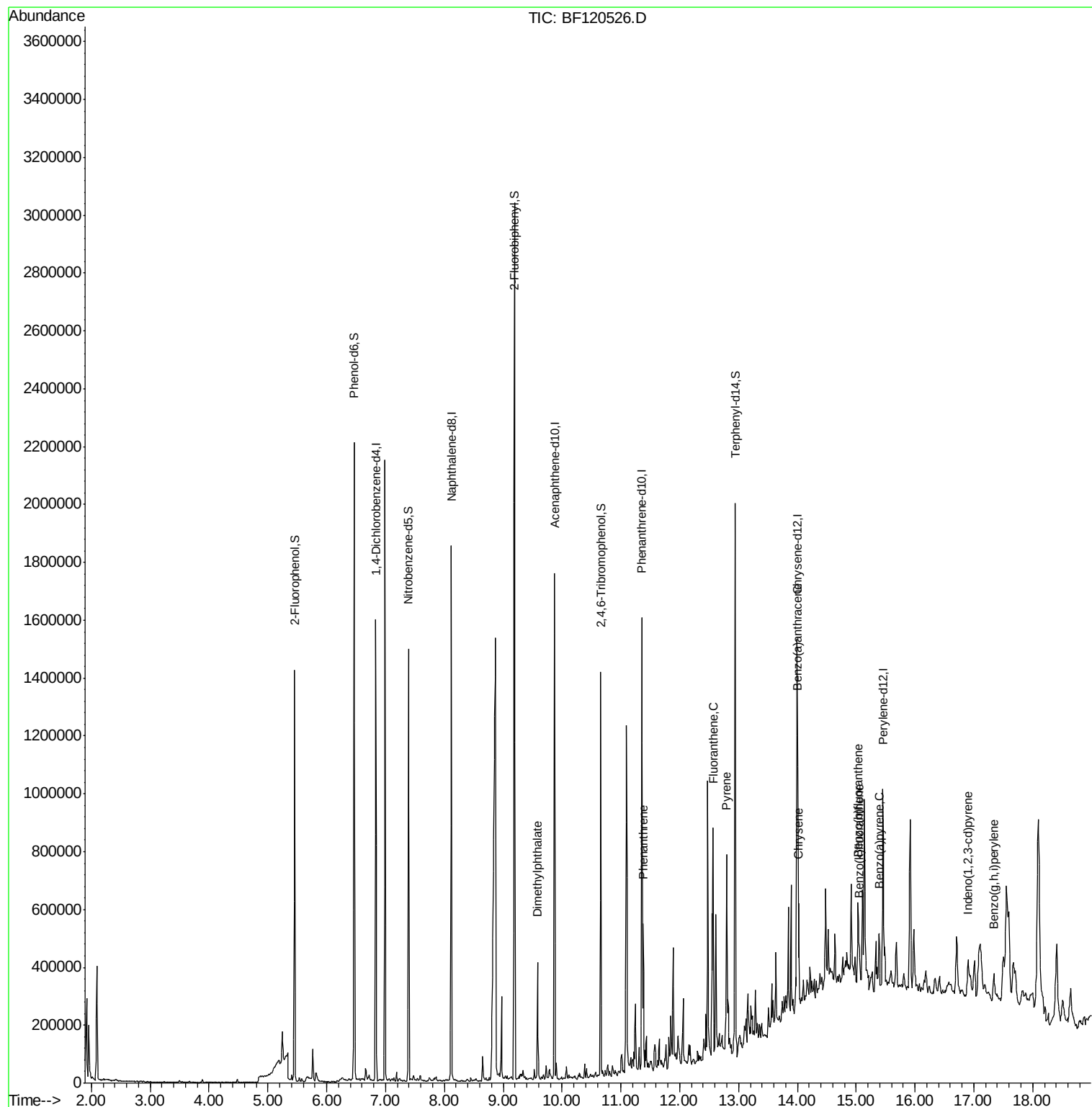
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120526.D
Acq On : 3 Jun 2020 22:55
Operator : JU/CG
Sample : L2839-08 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

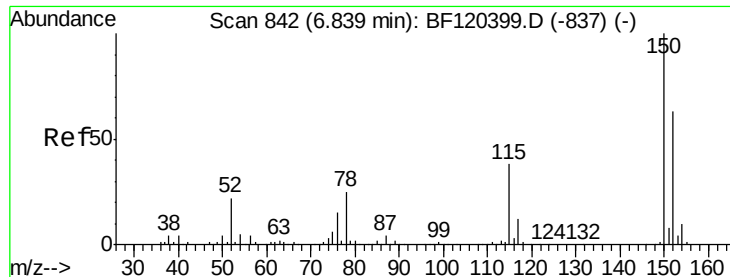
Instrument :
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ClientSampleId :
NM112-COMP-2020-0-6

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Quant Time: Jun 04 02:16:12 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





#1

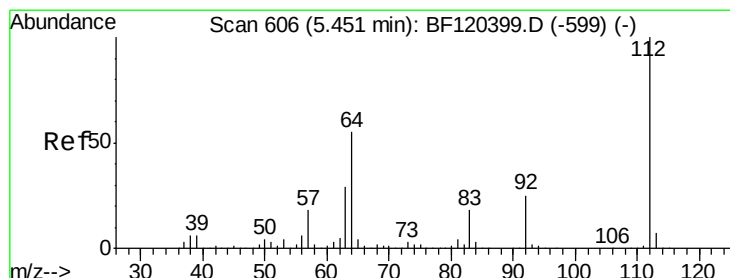
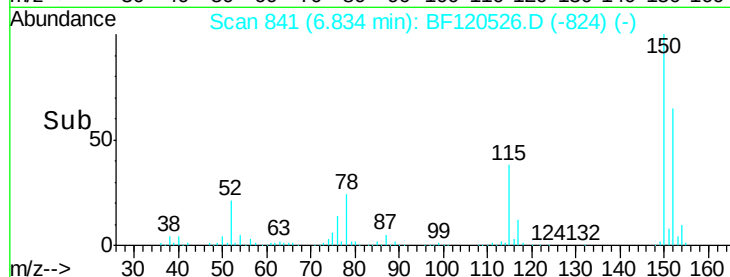
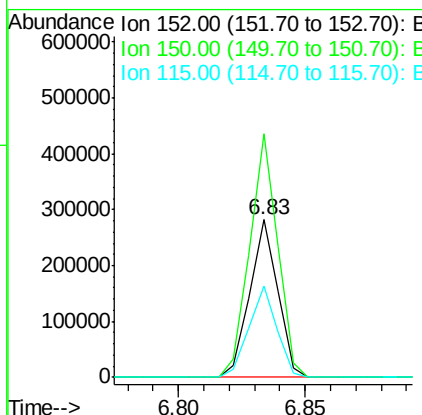
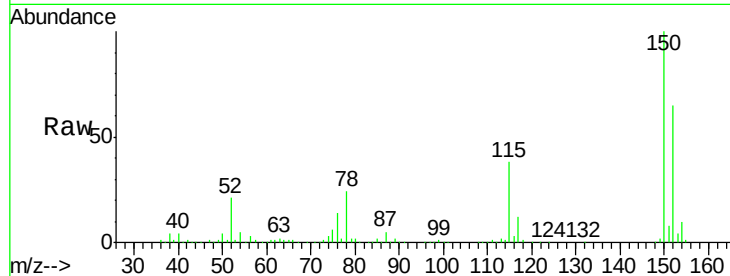
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.1	190.7
115	58.0	48.7	73.1

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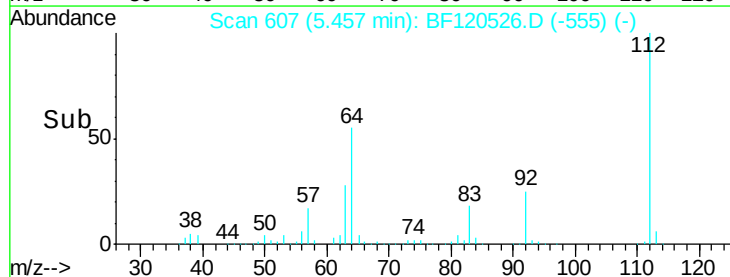
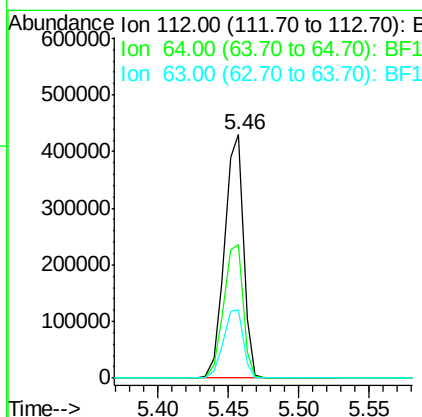
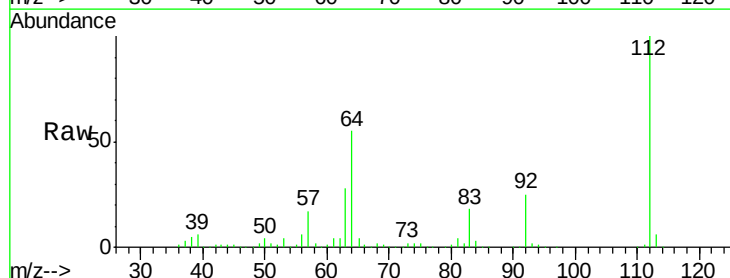
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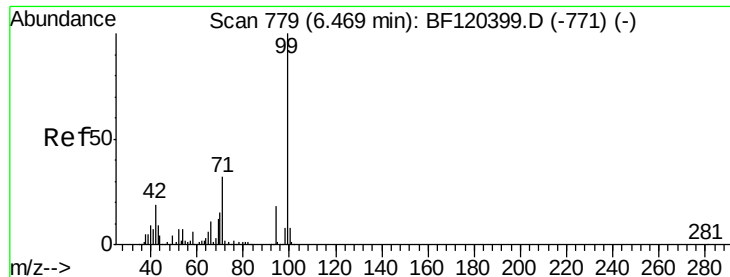


#5

2-Fluorophenol
Concen: 35.339 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.8	68.8
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 52.960 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120526.D

Acq: 3 Jun 2020 22:55

Instrument :

BNA_F

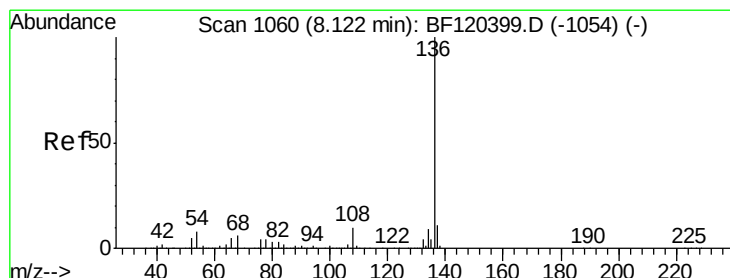
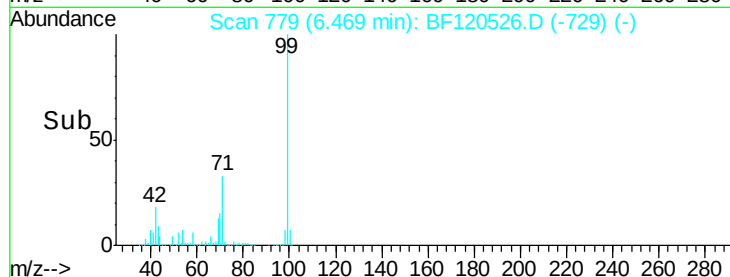
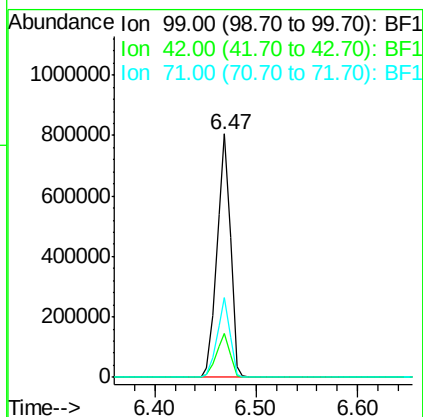
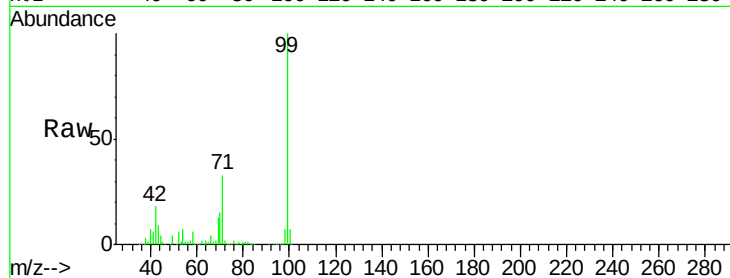
ClientSampleId :

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Tot Ion:	99	Resp:	744107
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	32.8	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

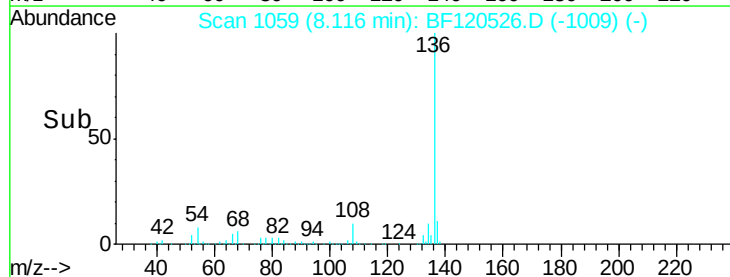
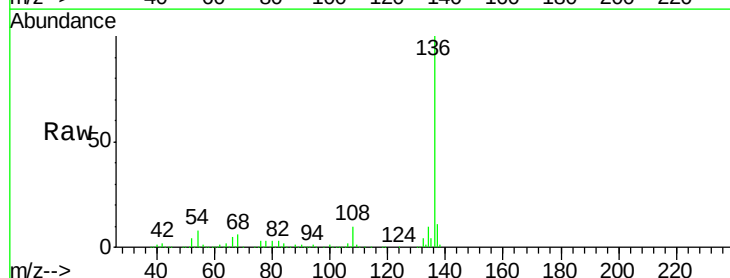
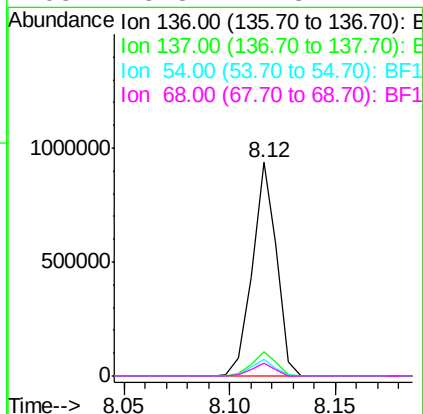
RT: 8.12 min Scan# 1059

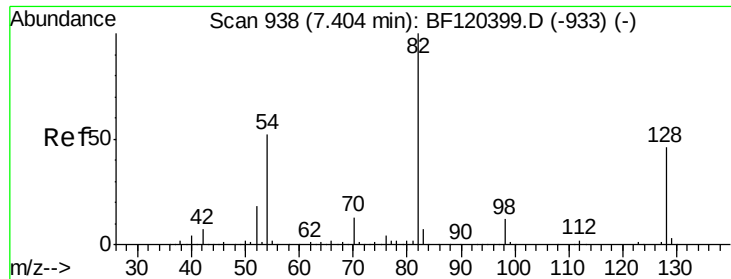
Delta R.T. -0.01 min

Lab File: BF120526.D

Acq: 3 Jun 2020 22:55

Tgt Ion:	136	Resp:	747171
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	6.0	9.0
68	5.8	4.8	7.2





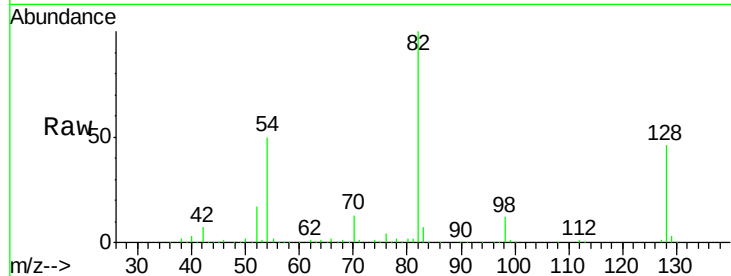
#23
Nitrobenzene-d5
Concen: 38.598 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

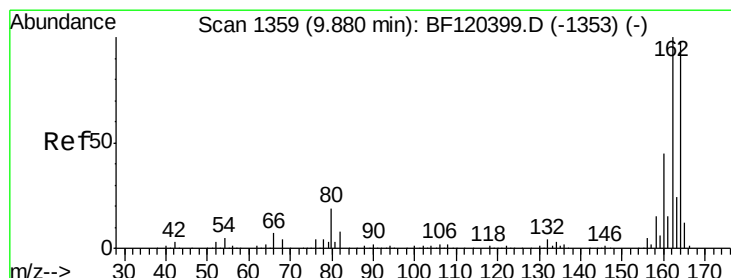
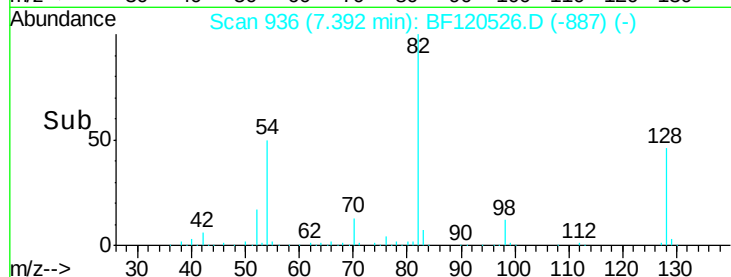
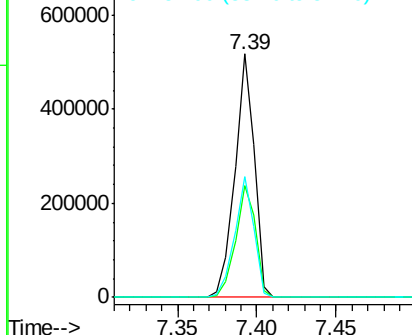
Tot Ion	82	Resp	440876
Ion Ratio	100	Lower	Upper
82	100		
128	45.8	37.4	56.0
54	49.8	40.7	61.1

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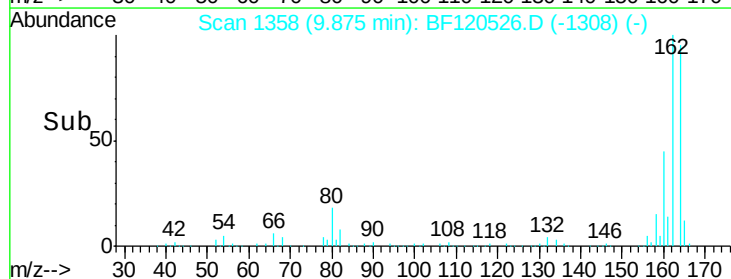
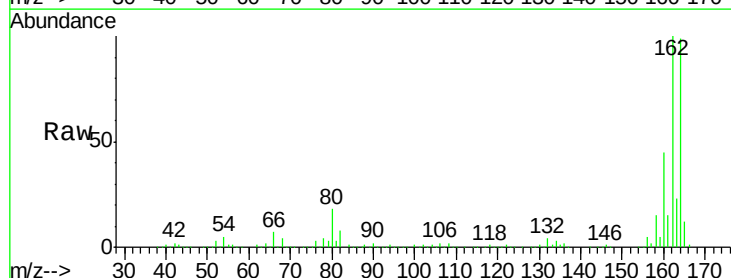
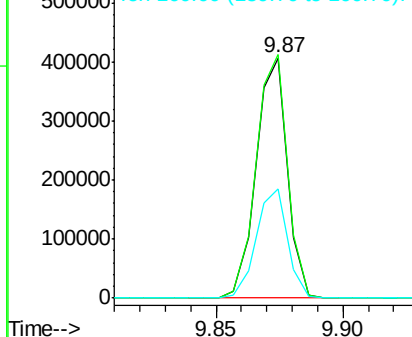
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Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

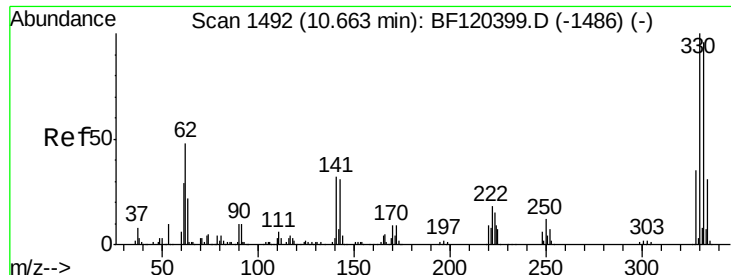


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	164	Resp	347476
Ion Ratio	100	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	45.5	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





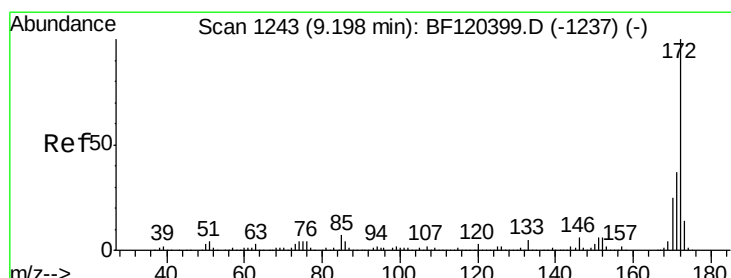
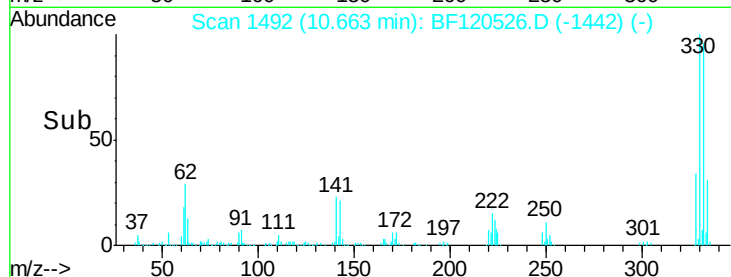
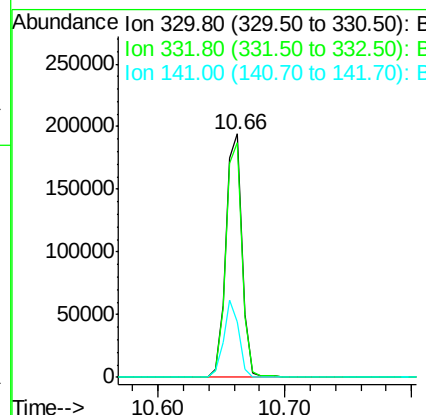
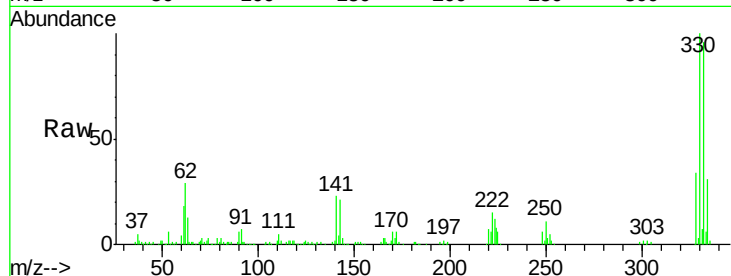
#42
 2,4,6-Tribromophenol
 Concen: 54.136 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174292		
332	96.6	77.4	116.2	
141	29.9	23.5	35.3	

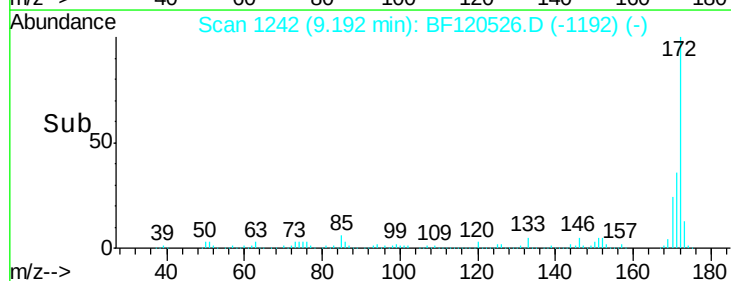
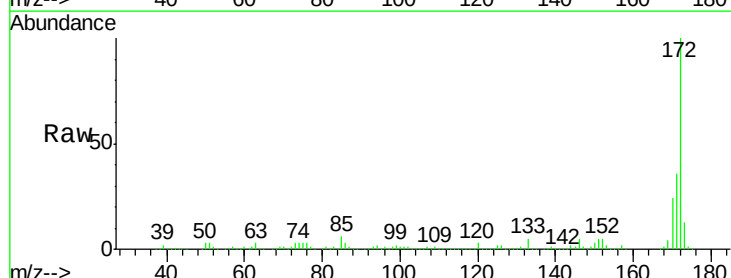
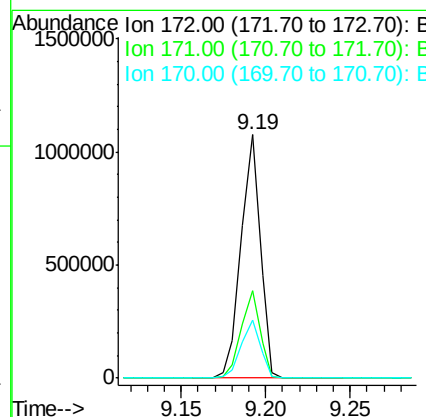
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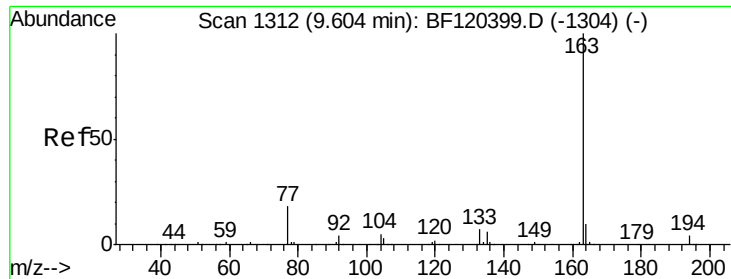
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#45
 2-Fluorobiphenyl
 Concen: 41.824 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	856535		
171	36.1	29.2	43.8	
170	23.8	20.1	30.1	





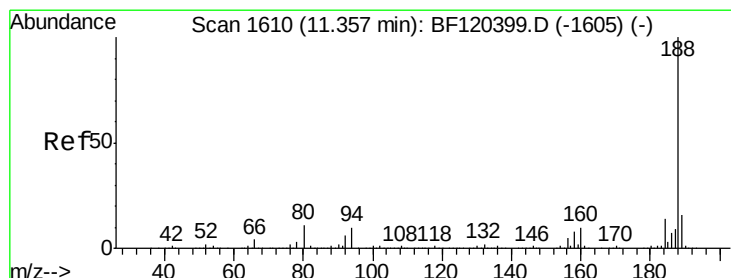
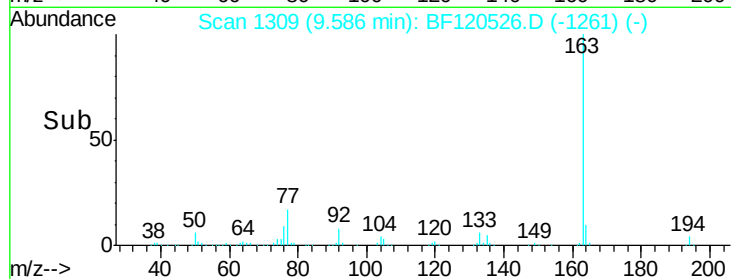
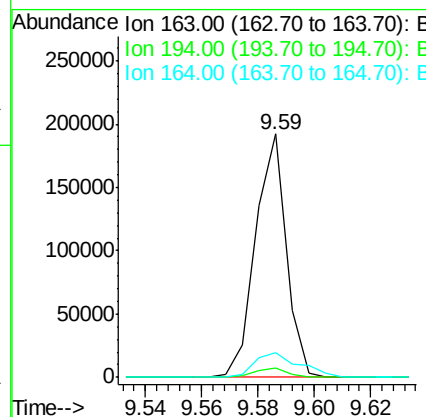
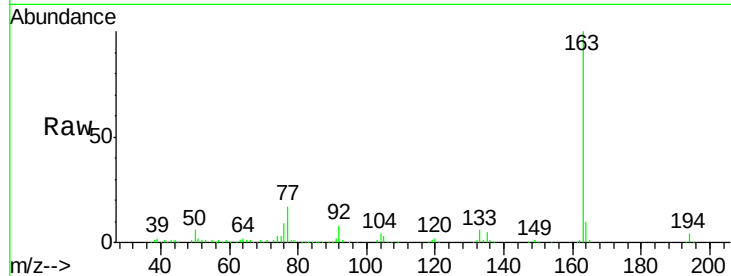
#50
Dimethylphthalate
Concen: 6.684 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	145201		
194	3.9		3.1	4.7
164	10.1		8.2	12.4

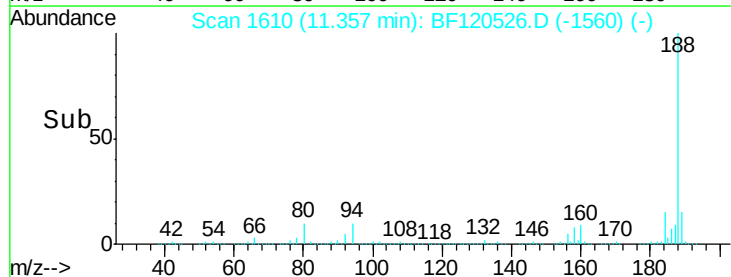
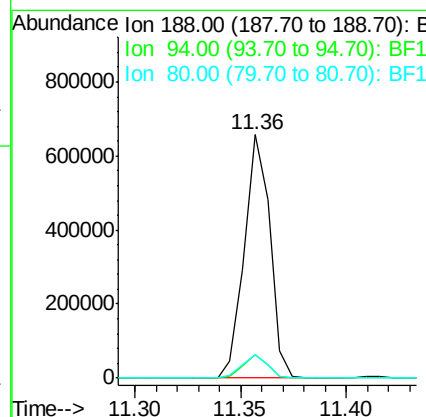
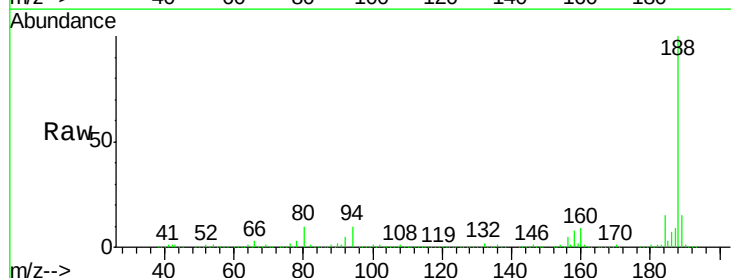
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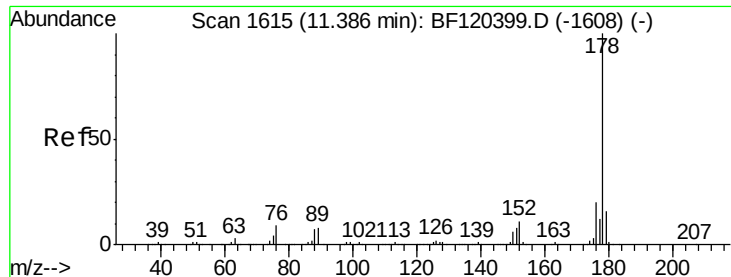
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	550371		
94	9.8		7.5	11.3
80	9.7		7.9	11.9





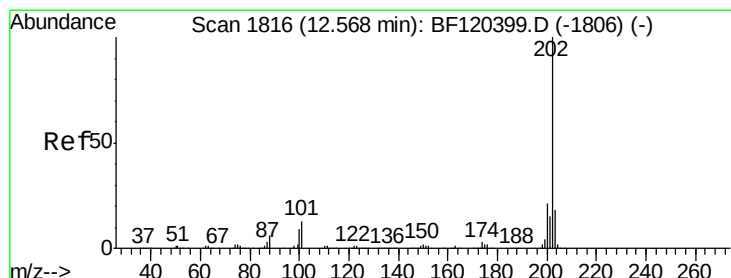
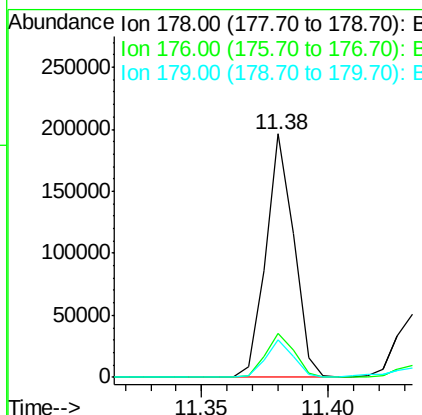
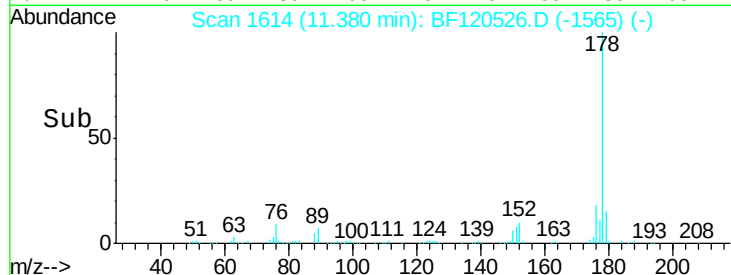
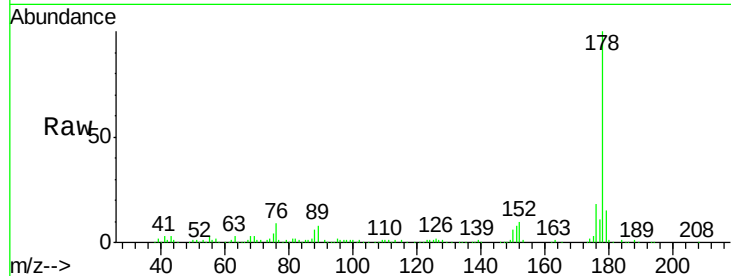
#71
Phenanthrene
Concen: 6.189 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.6	24.8
179	15.4	13.0	19.4

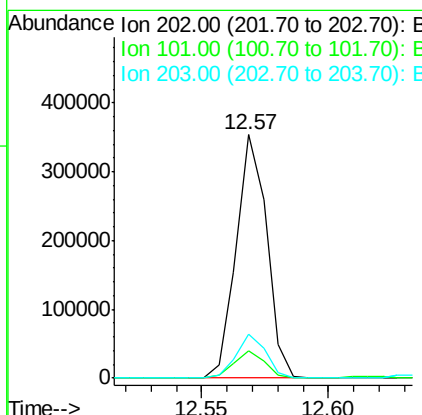
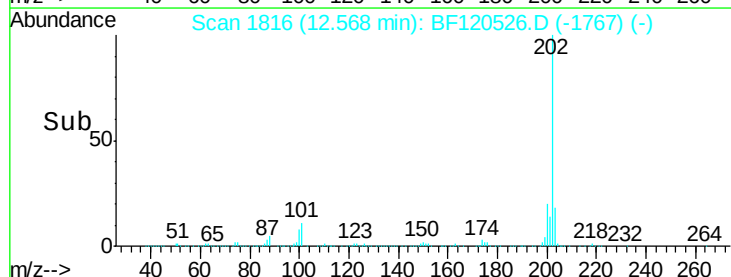
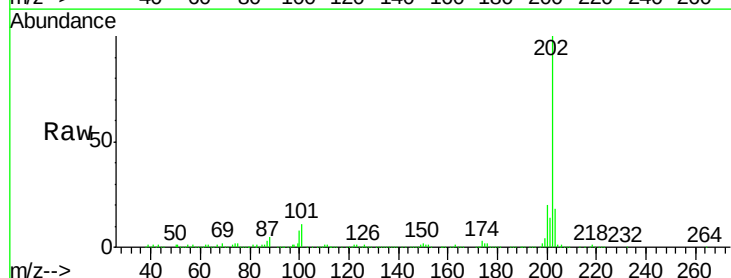
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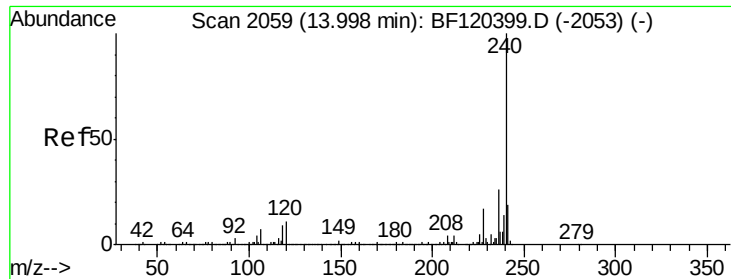
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#75
Fluoranthene
Concen: 11.356 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	17.9	0.0	38.2





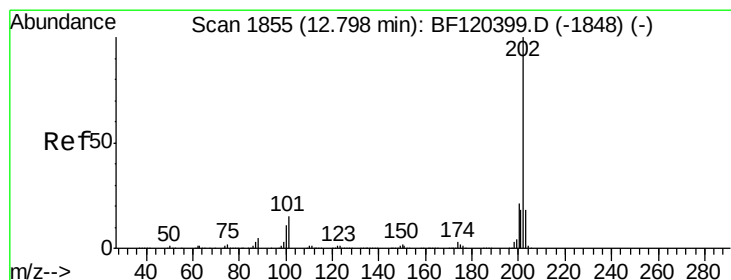
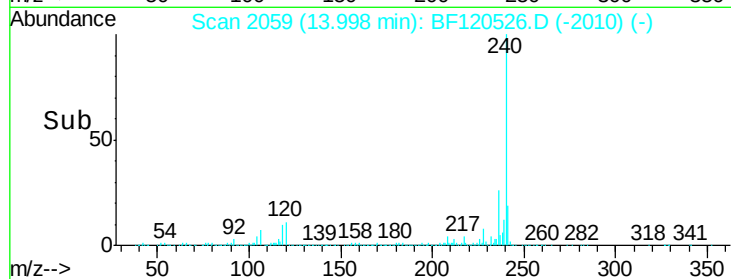
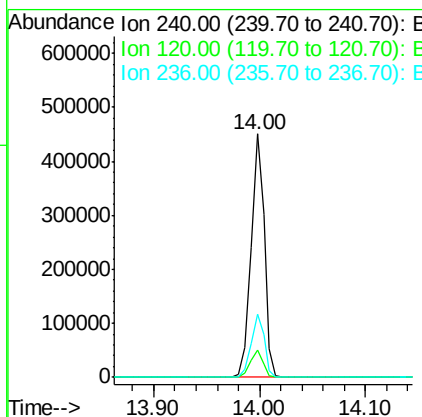
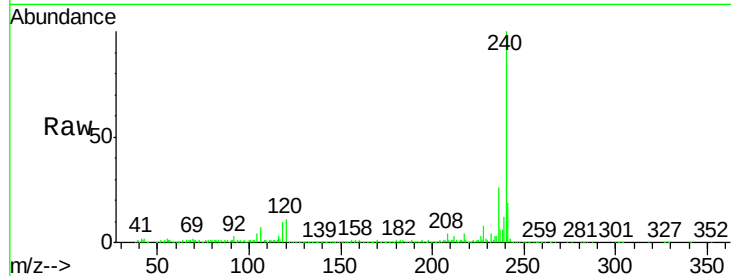
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.9	11.9
236	25.7	21.1	31.7

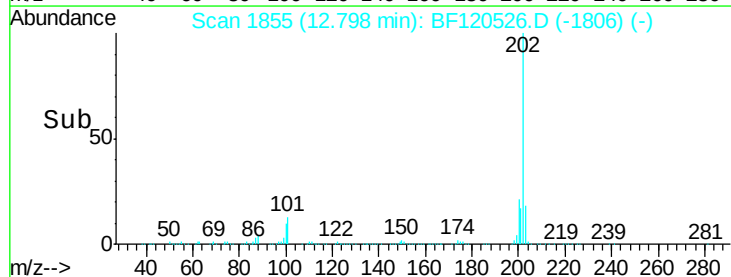
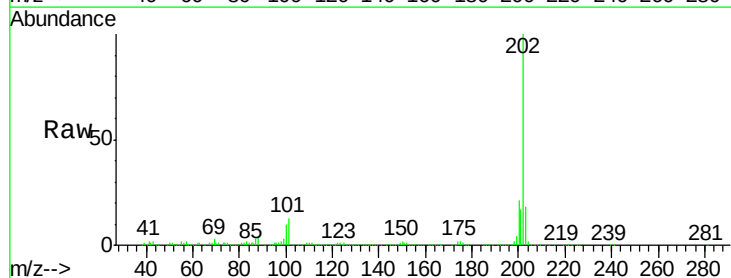
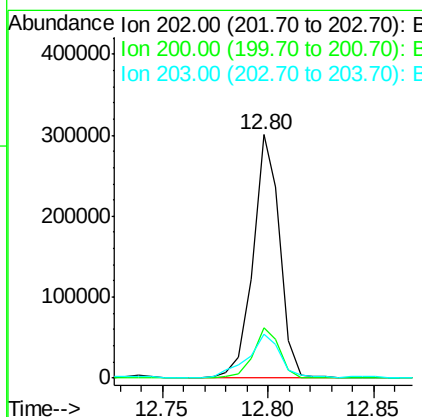
Manual Integrations
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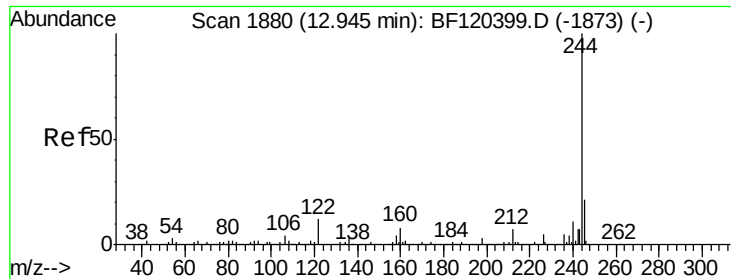
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#78
Pyrene
Concen: 9.558 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	18.2	14.5	21.7





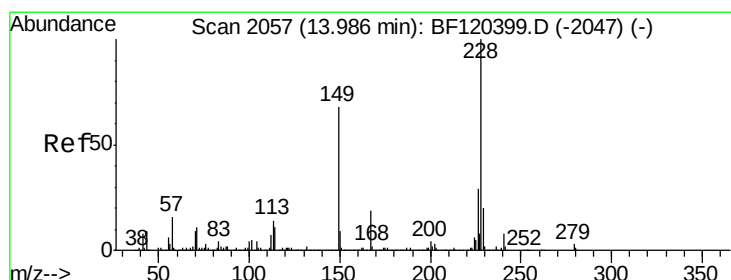
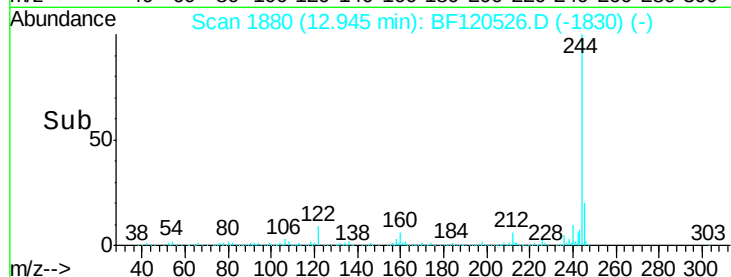
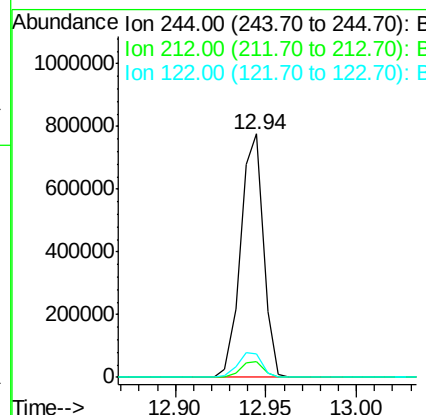
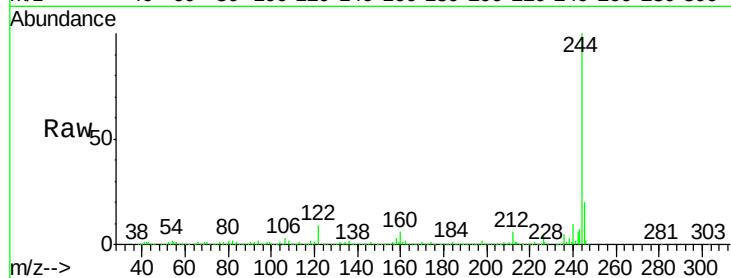
#79
 Terphenyl-d14
 Concen: 38.326 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.4	8.2	12.4

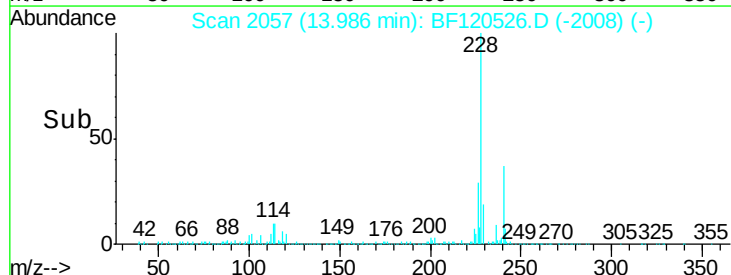
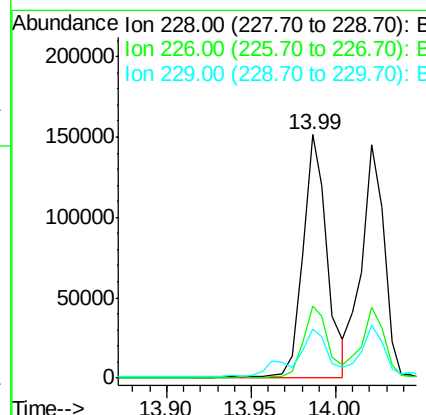
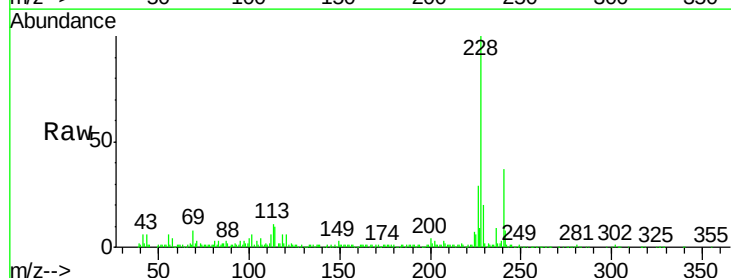
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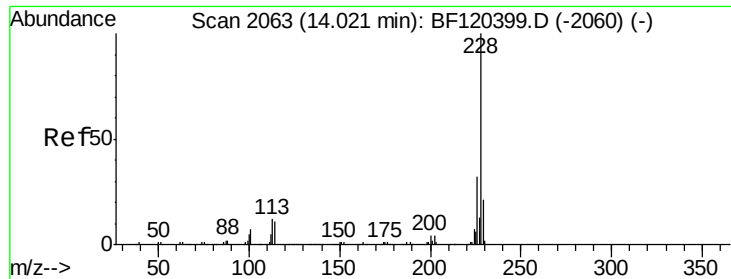
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.128 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	20.1	16.3	24.5





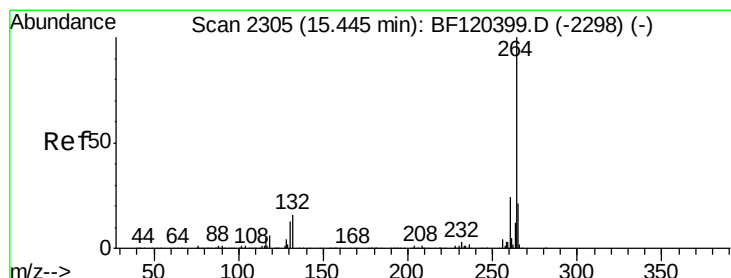
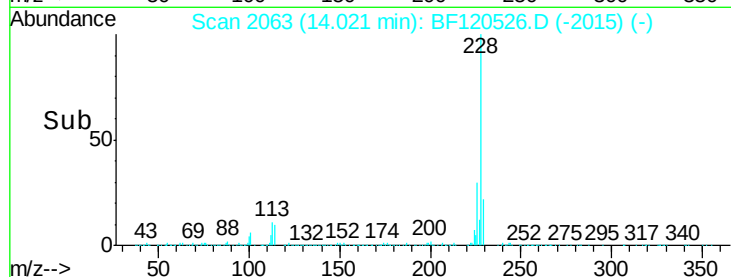
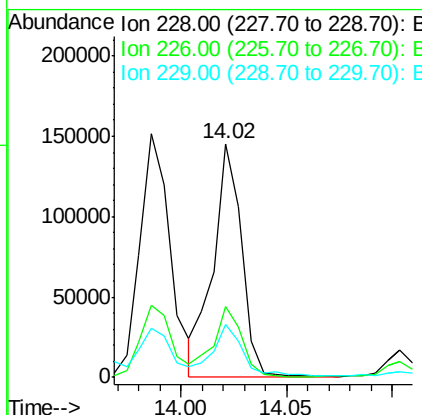
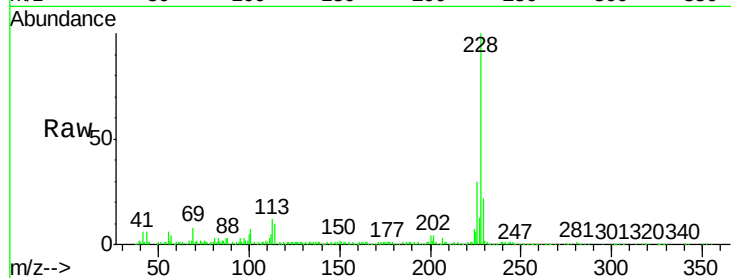
#83
Chrysene
Concen: 6.066 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion:	228	Resp:	134508
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.2	37.8
229	22.4	16.1	24.1

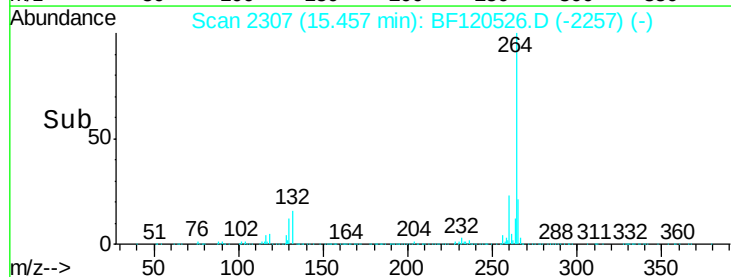
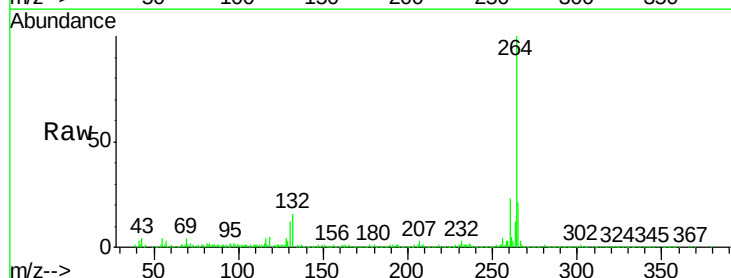
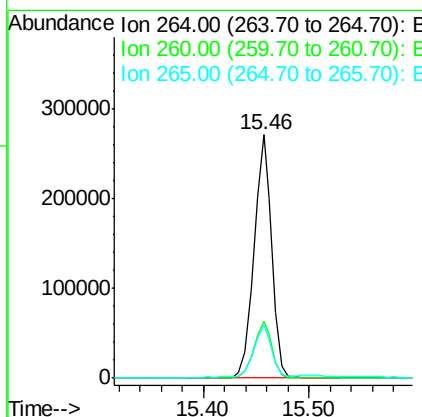
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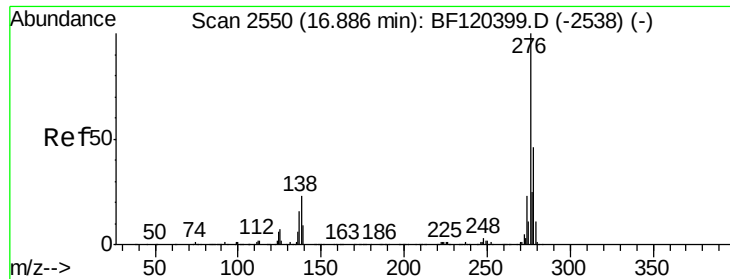
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion:	264	Resp:	316200
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.8	29.8
265	21.5	17.5	26.3





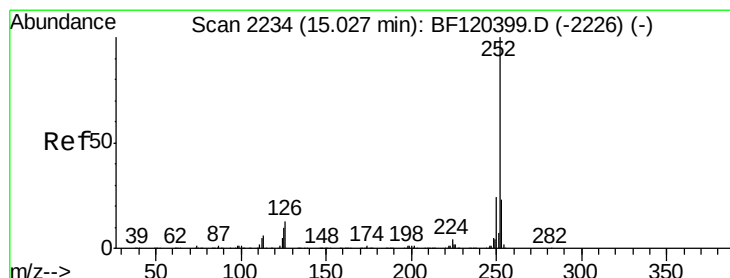
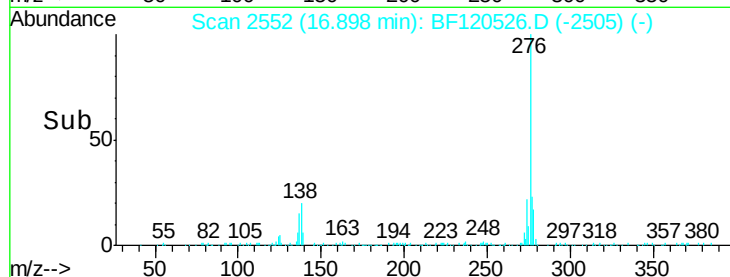
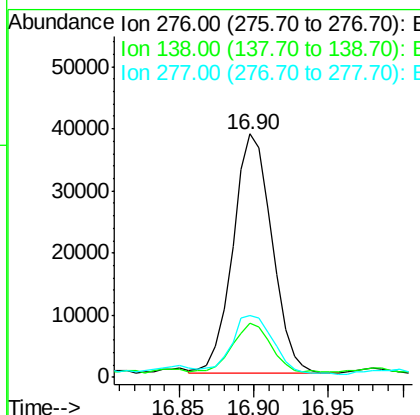
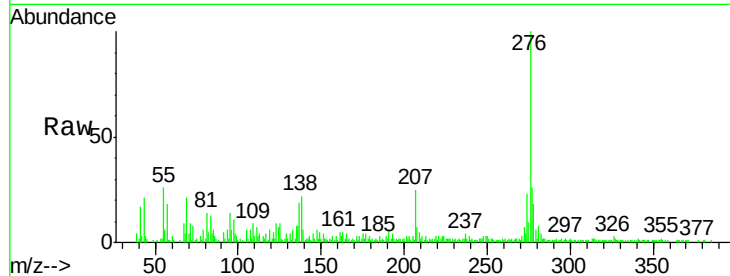
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.063 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.2	28.8
277	26.8	20.4	30.6

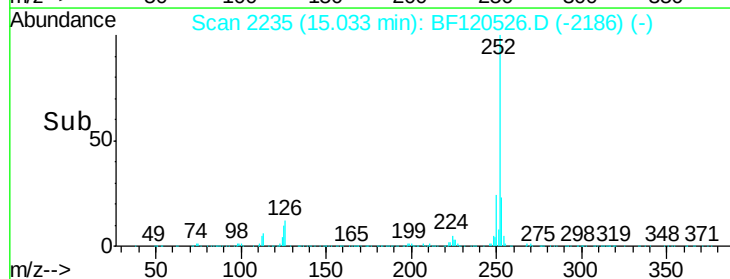
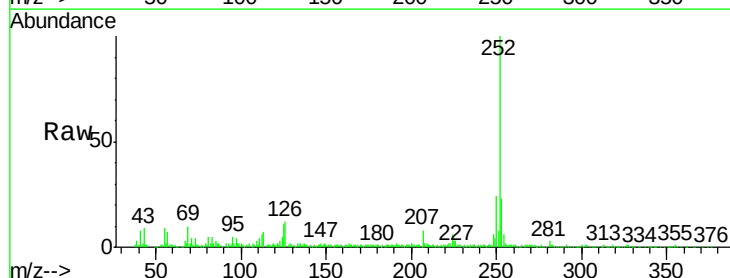
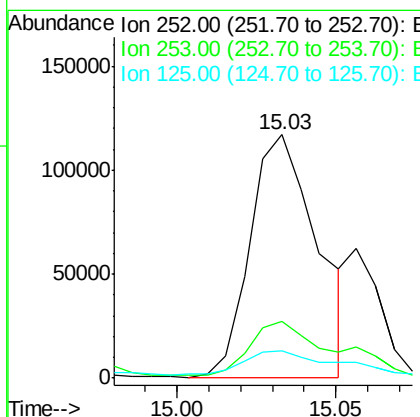
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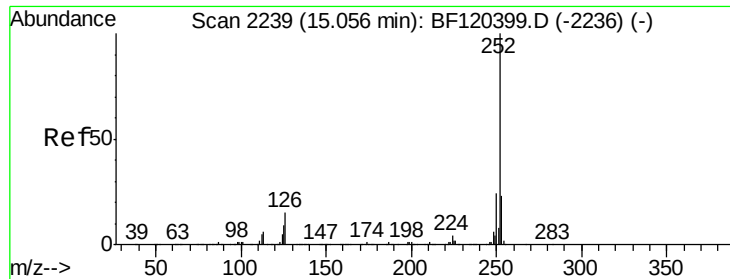
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 9.730 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	11.0	7.6	11.4





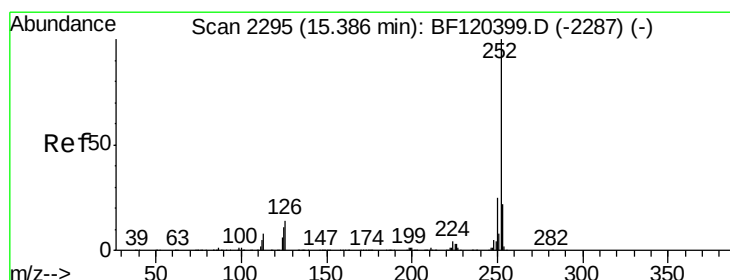
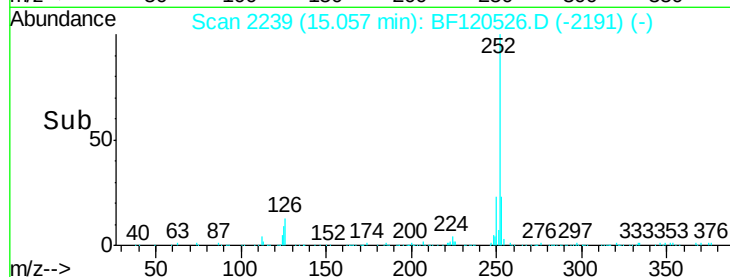
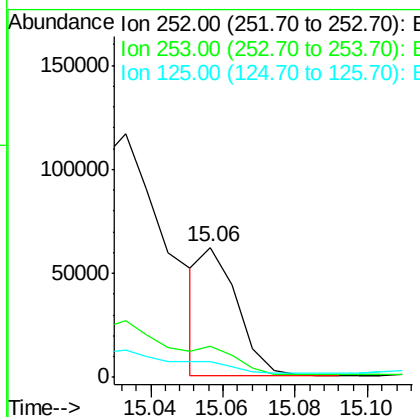
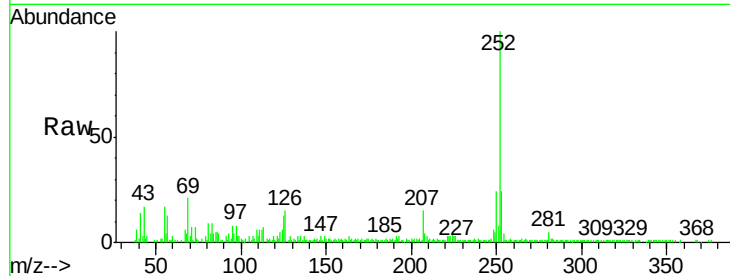
#89
Benzo(k)fluoranthene
Concen: 2.601 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Instrument :
BNA_F
ClientSampleId :
NM112-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	12.7	7.5	11.3

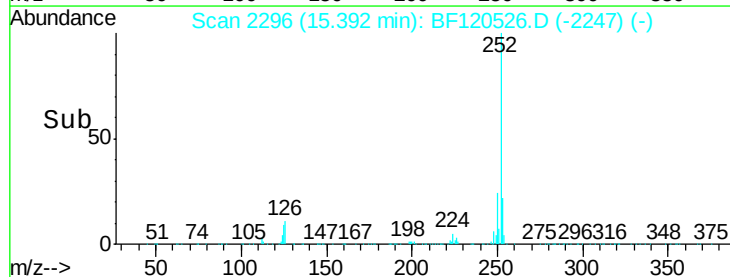
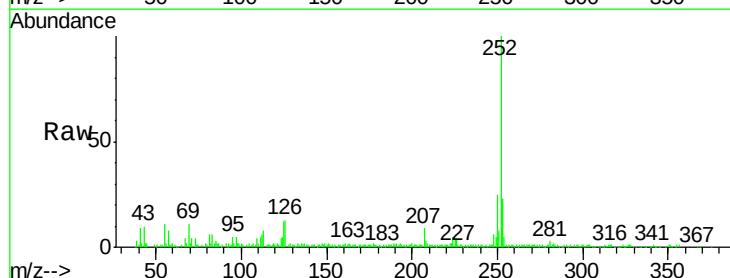
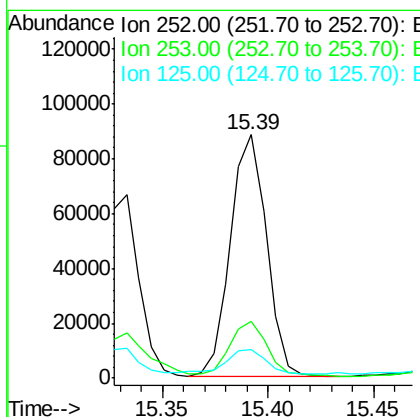
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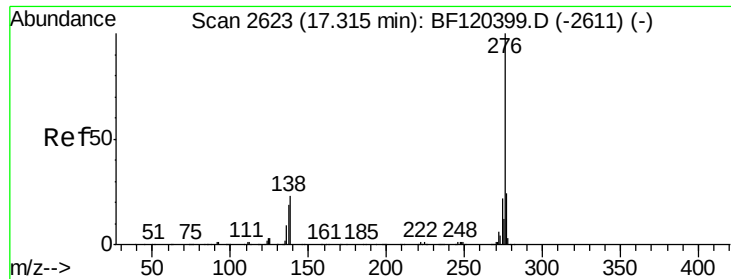
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#90
Benzo(a)pyrene
Concen: 6.828 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120526.D
Acq: 3 Jun 2020 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.5	9.2	13.8





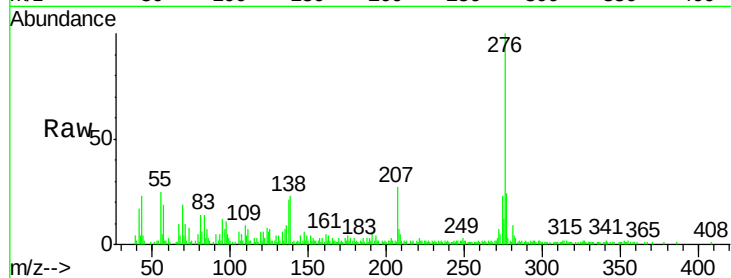
#92
 Benzo(a,h,i)perylene
 Concen: 4.928 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. -0.02 min
 Lab File: BF120526.D
 Acq: 3 Jun 2020 22:55

Instrument :
 BNA_F
 ClientSampleId :
 NM112-COMP-2020-0-6

Tot Ion:	276	Resp:	68534
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.2
138	22.8	16.6	25.0

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

