

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120524.D
 Acq On : 3 Jun 2020 22:00
 Operator : JU/CG
 Sample : L2839-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 02:04:45 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	118477	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	437875	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	210161	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	366629	20.00	ng	0.00
76) Chrysene-d12	14.00	240	259564	20.00	ng	-0.01
86) Perylene-d12	15.46	264	235744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	734877	118.21	ng	0.00
7) Phenol-d6	6.47	99	962886	125.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	657163	98.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	278689	143.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1246368	100.62	ng	0.00
79) Terphenyl-d14	12.94	244	1222654	104.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	194292	14.788	ng	99
71) Phenanthrene	11.38	178	124275	7.693	ng	98
72) Anthracene	11.43	178	33088	2.041	ng	96
75) Fluoranthene	12.57	202	266401	15.326	ng	99
78) Pyrene	12.80	202	240272	13.311	ng	96
81) Benzo(a)anthracene	13.99	228	129541	9.312	ng	95
83) Chrysene	14.02	228	109039	7.477	ng	98
87) Indeno(1,2,3-cd)pyrene	16.90	276	95611	7.415	ng	96
88) Benzo(b)fluoranthene	15.03	252	131517m	10.044	ng	
89) Benzo(k)fluoranthene	15.06	252	49568m	4.055	ng	
90) Benzo(a)pyrene	15.39	252	93926	8.201	ng	99
91) Dibenzo(a,h)anthracene	16.91	278	25001	2.378	ng	# 84
92) Benzo(a,h,i)perylene	17.34	276	86327	8.326	ng	99

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

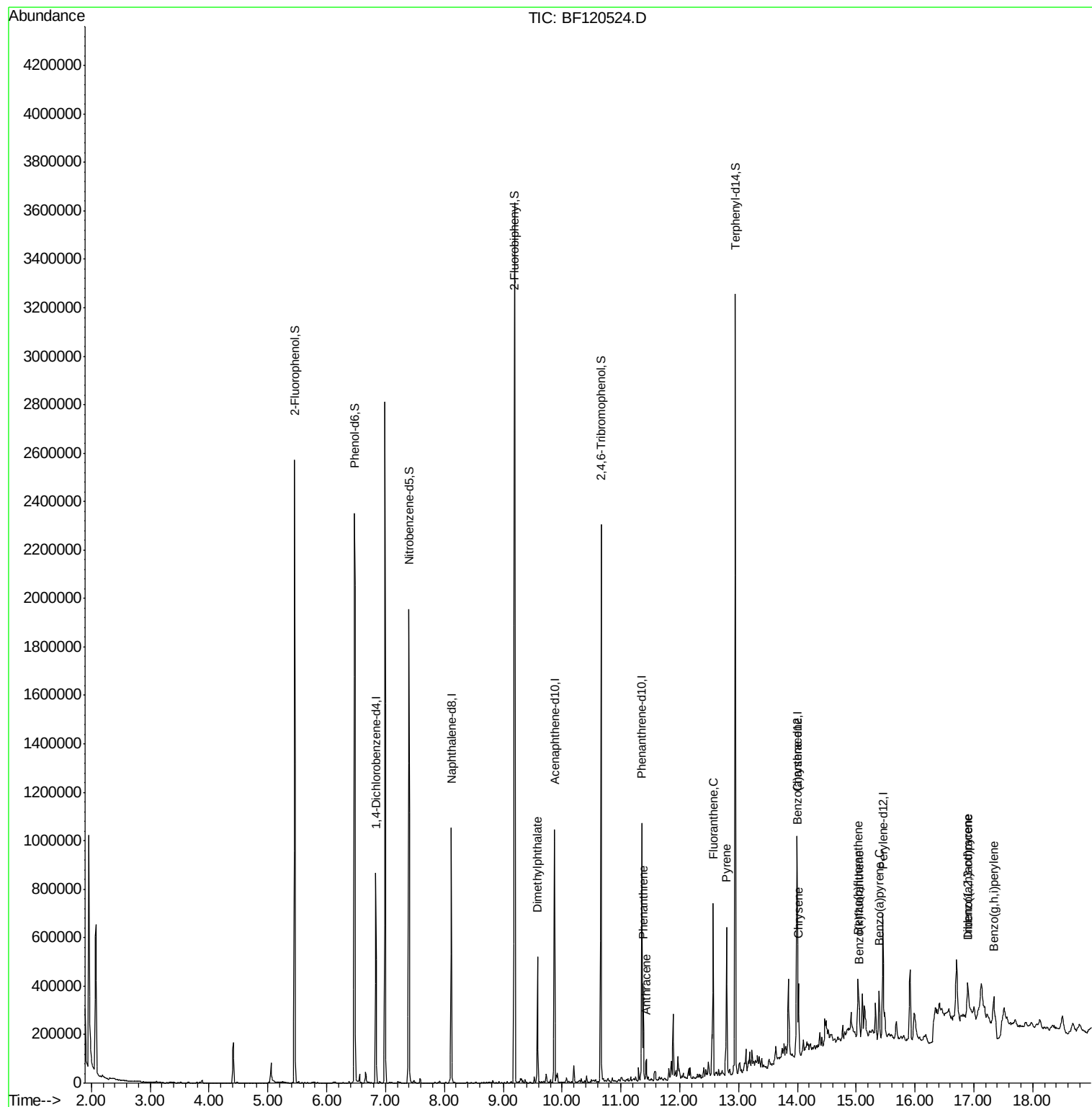
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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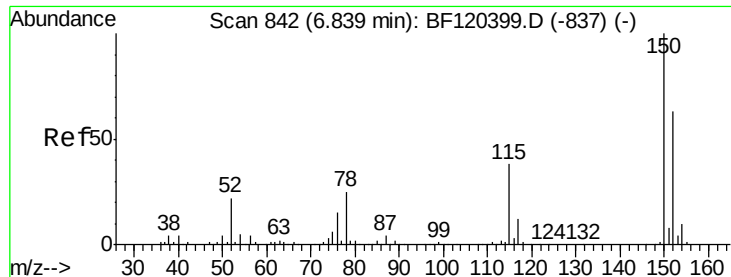
Instrument :
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#1

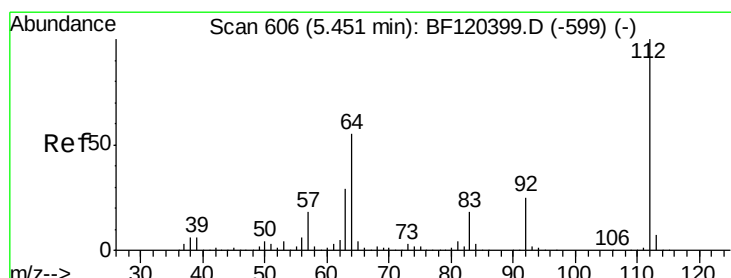
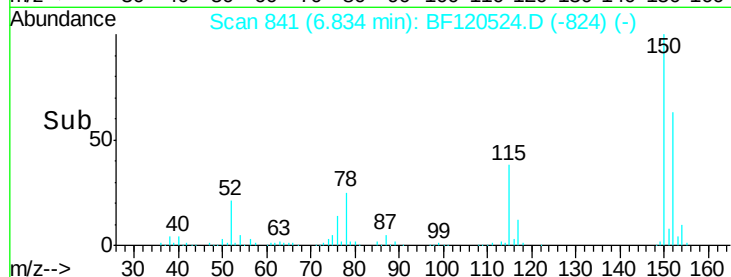
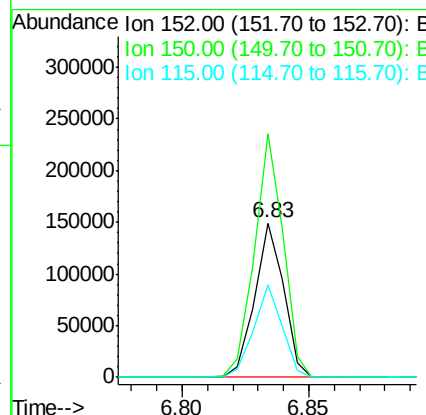
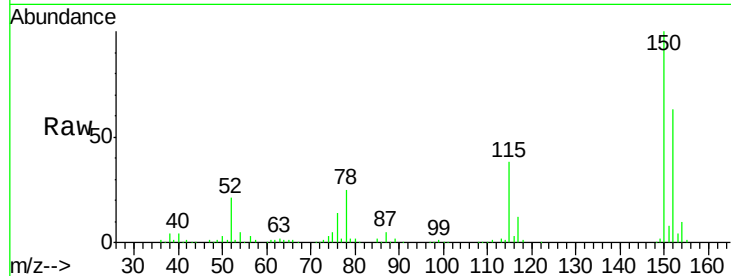
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.1	190.7
115	60.1	48.7	73.1

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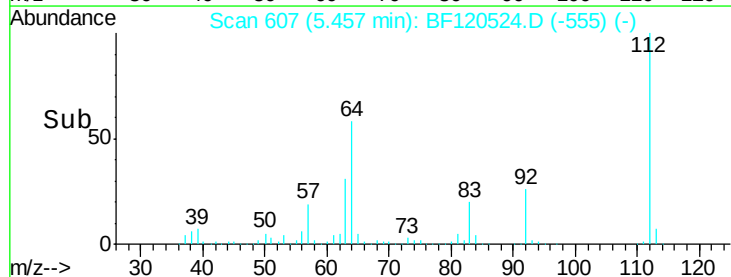
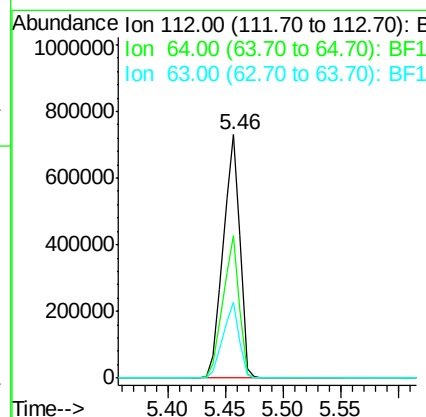
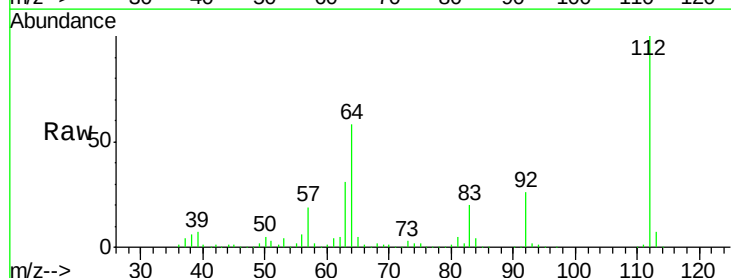
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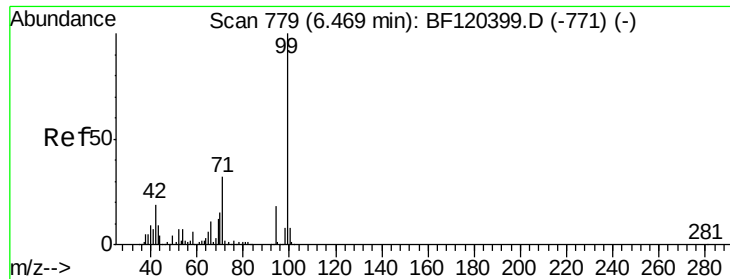


#5

2-Fluorophenol
Concen: 118.208 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.8	68.8
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 125.659 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120524.D

Acq: 3 Jun 2020 22:00

Instrument :

BNA_F

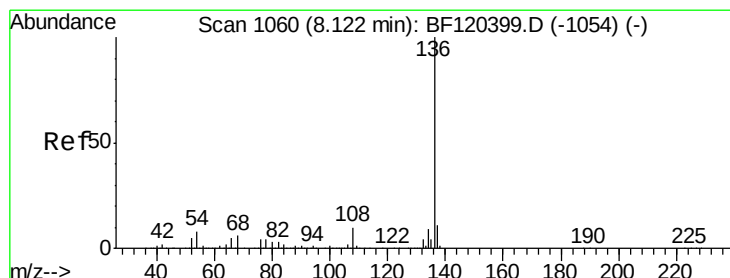
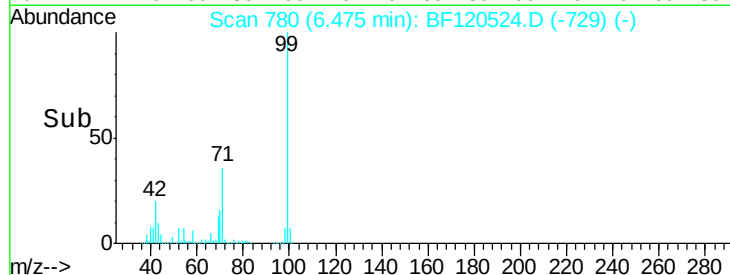
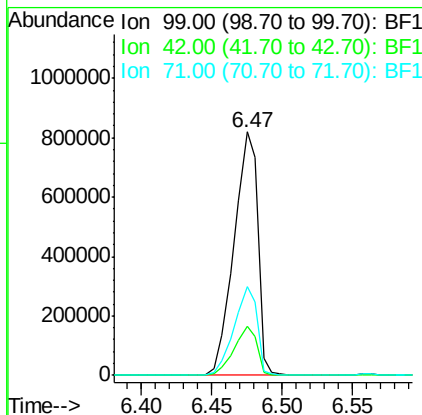
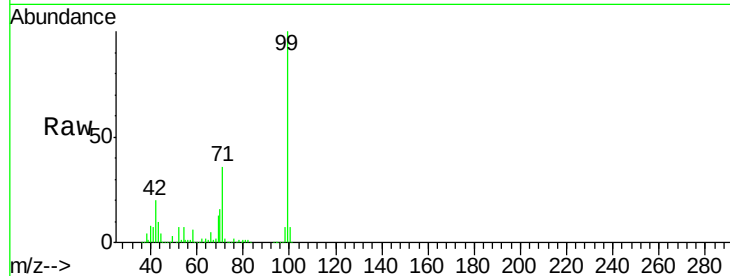
ClientSampleId :

NM18-COMP-2020-0-6

Tot Ion:	99	Resp:	962886
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.0	22.4
71	36.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

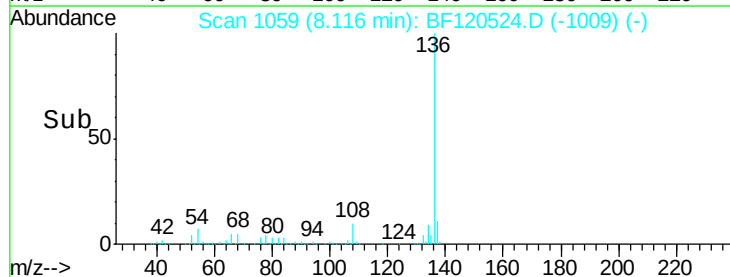
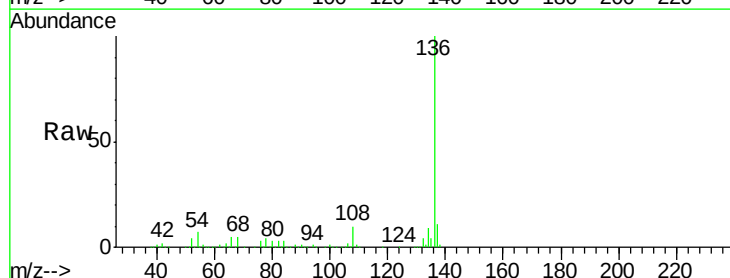
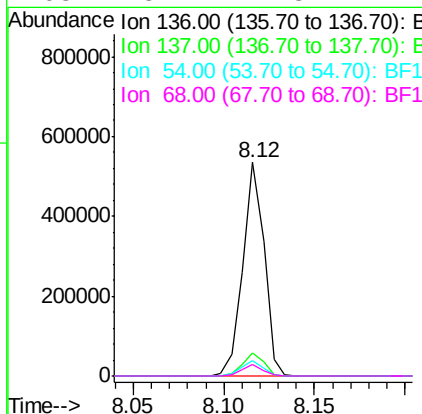
RT: 8.12 min Scan# 1059

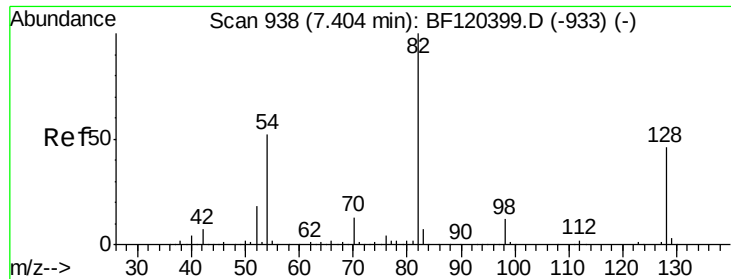
Delta R.T. -0.01 min

Lab File: BF120524.D

Acq: 3 Jun 2020 22:00

Tgt Ion:	136	Resp:	437875
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	7.0	6.0	9.0
68	5.2	4.8	7.2





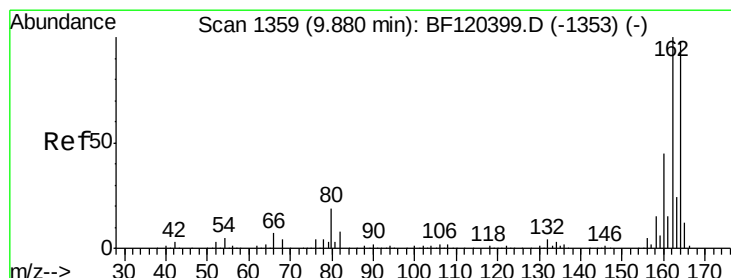
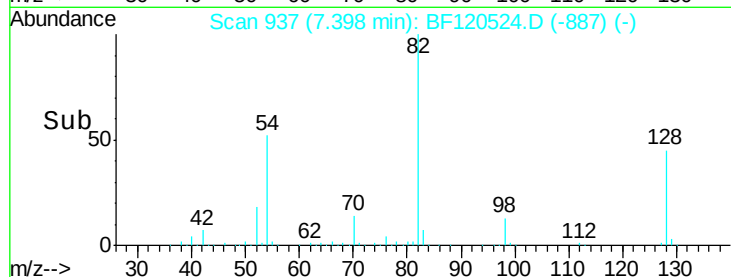
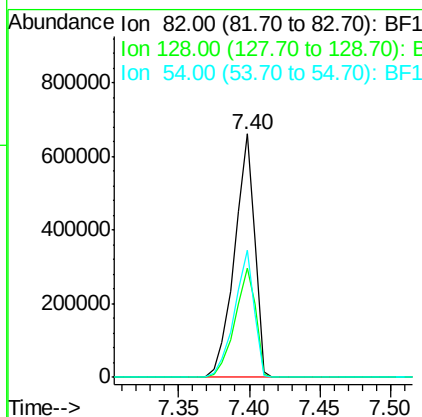
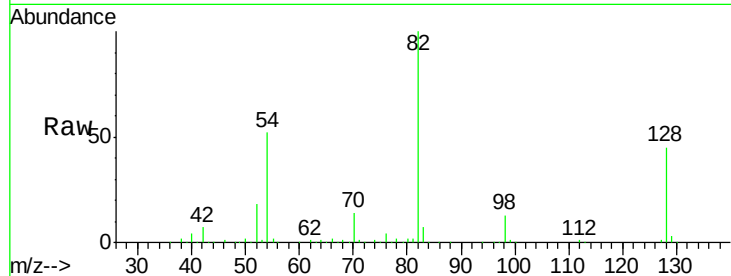
#23
 Nitrobenzene-d5
 Concen: 98.172 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6

Tot Ion	82	Resp	657163
Ion Ratio	100	Lower	Upper
82	100		
128	45.0	37.4	56.0
54	52.3	40.7	61.1

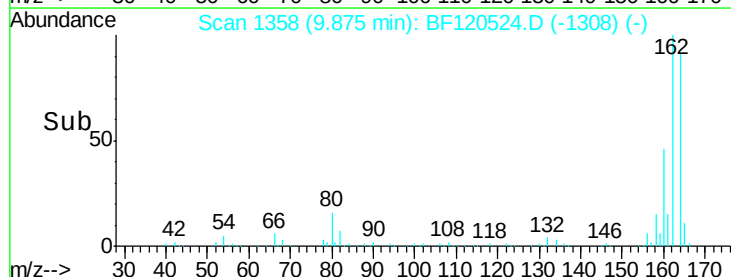
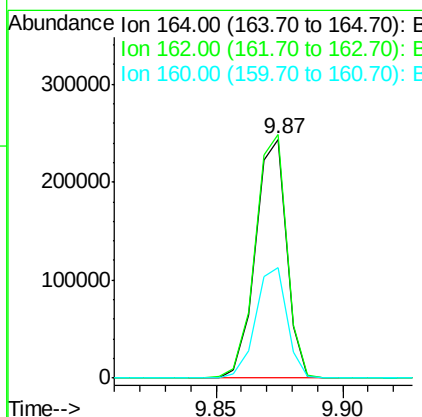
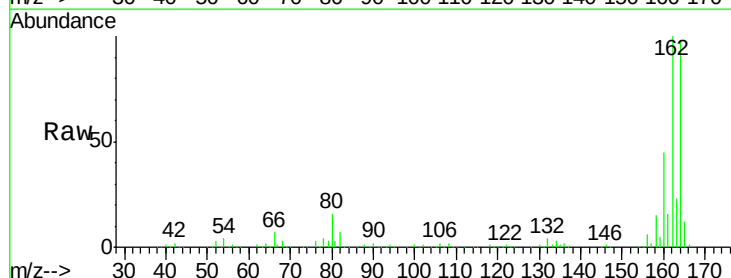
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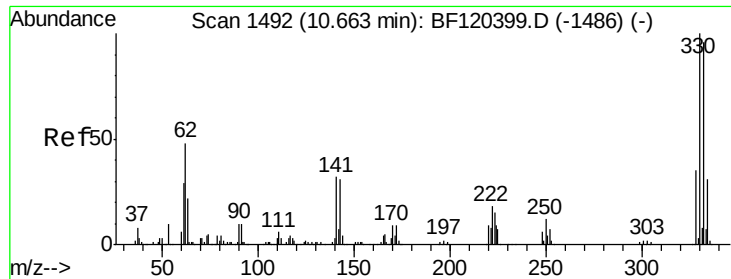
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Tgt Ion	164	Resp	210161
Ion Ratio	100	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	46.2	37.3	55.9





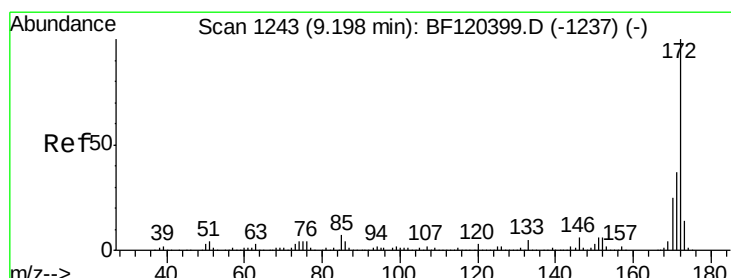
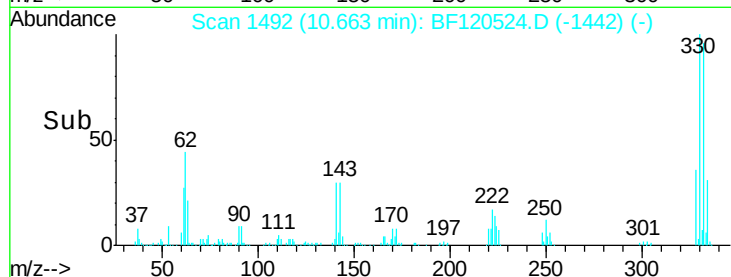
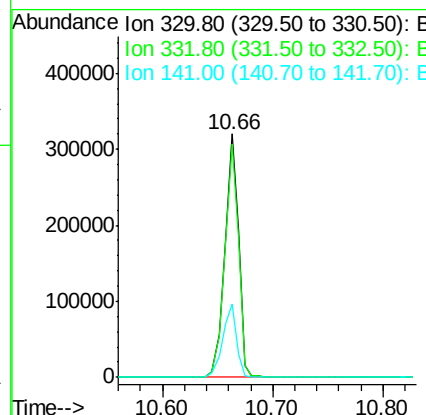
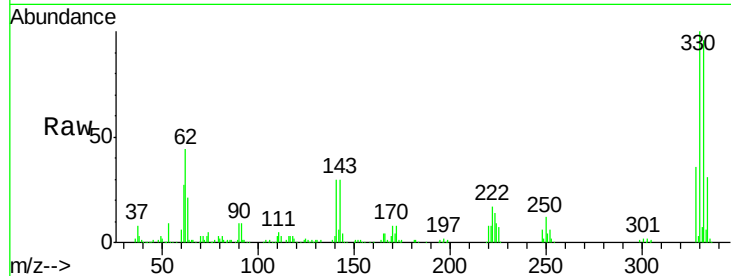
#42
 2,4,6-Tribromophenol
 Concen: 143.120 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	278689		
332	96.3		77.4	116.2
141	30.0		23.5	35.3

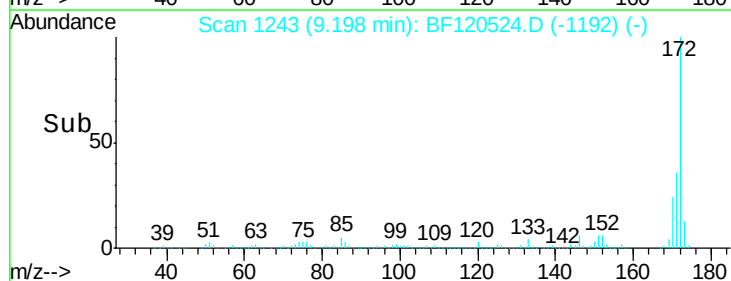
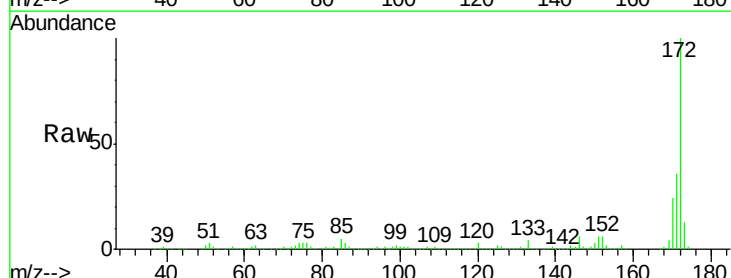
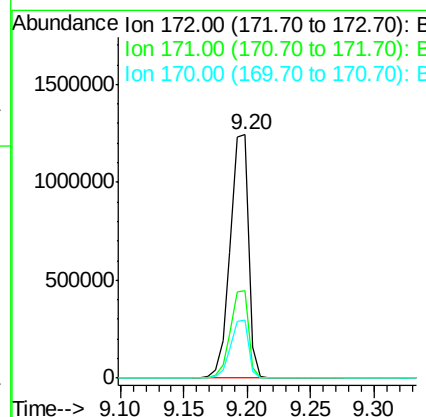
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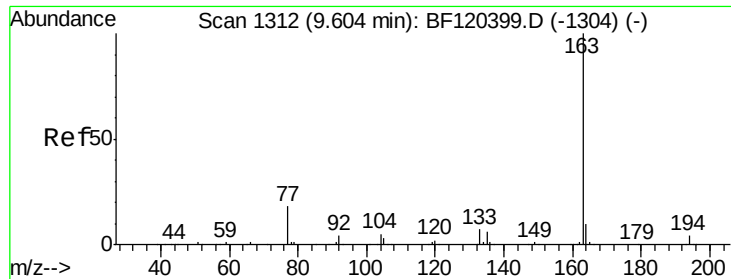
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#45
 2-Fluorobiphenyl
 Concen: 100.623 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1246368		
171	35.8		29.2	43.8
170	24.0		20.1	30.1





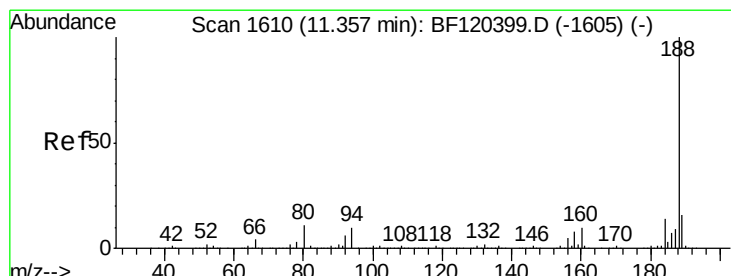
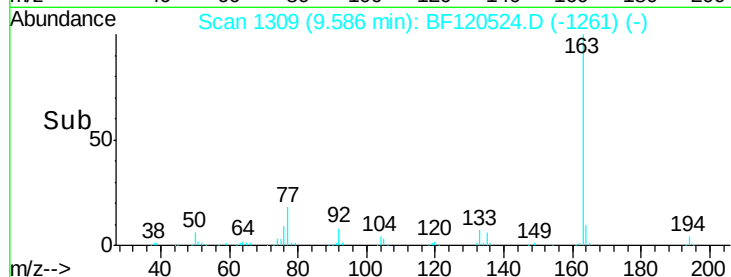
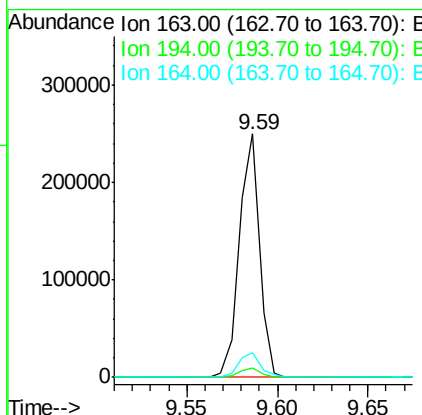
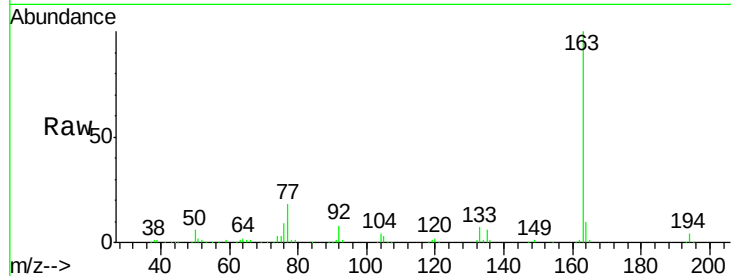
#50
Dimethylphthalate
Concen: 14.788 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	194292		
194	4.0		3.1	4.7
164	9.9		8.2	12.4

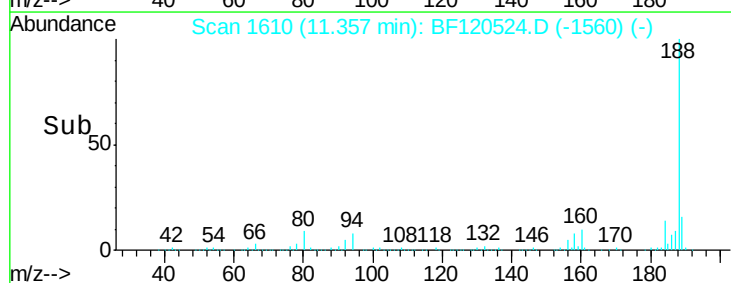
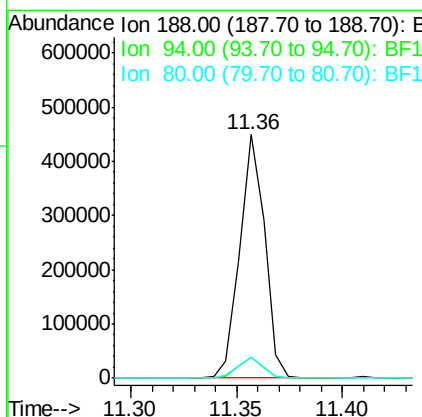
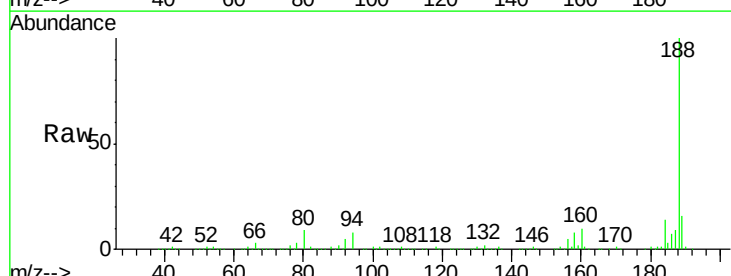
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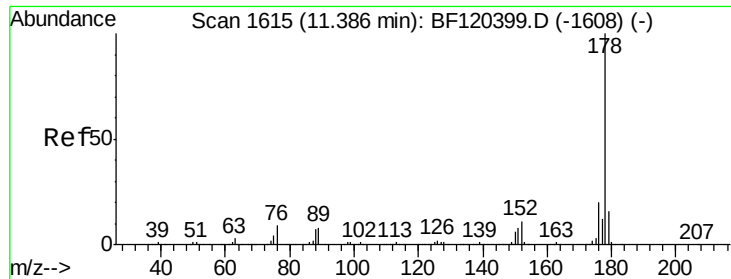
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	366629		
94	8.4		7.5	11.3
80	8.8		7.9	11.9





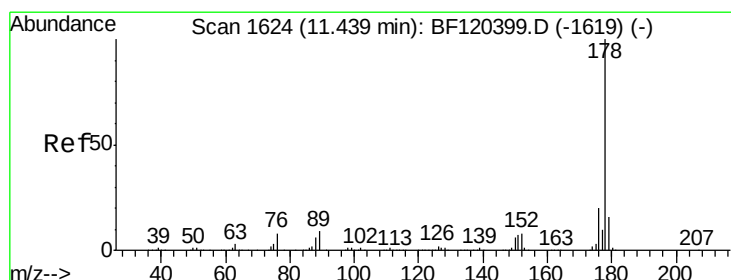
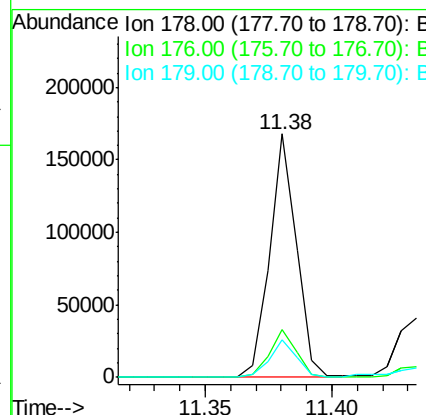
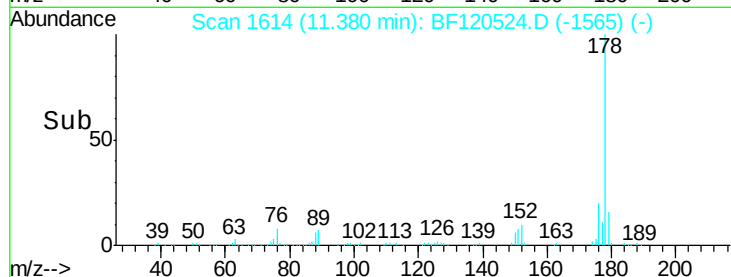
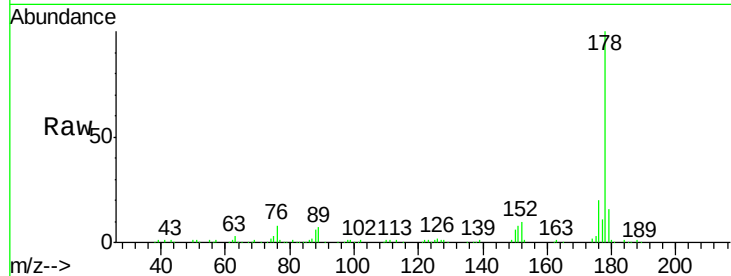
#71
Phenanthrene
Concen: 7.693 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	24.8
179	15.6	13.0	19.4

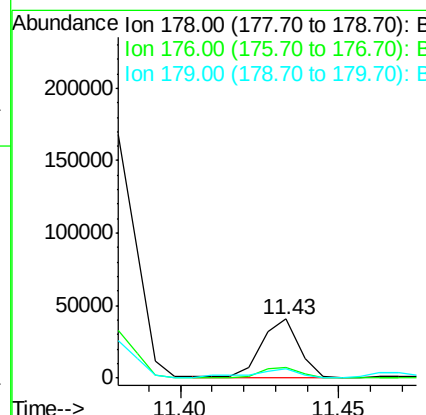
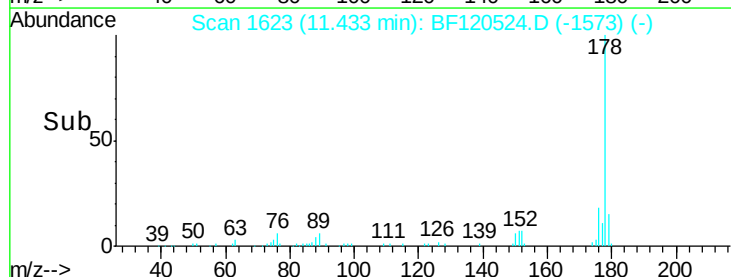
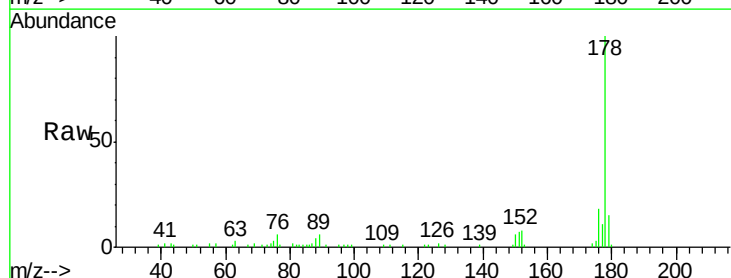
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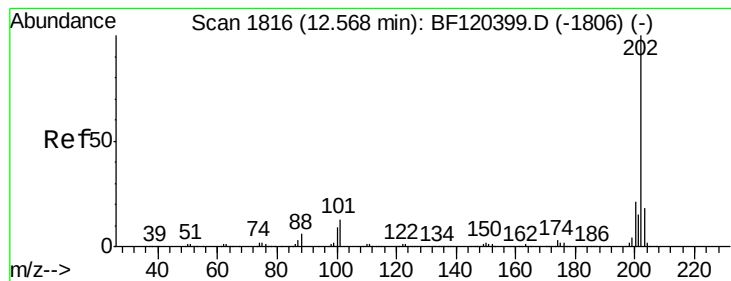
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#72
Anthracene
Concen: 2.041 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.7	23.5
179	15.0	13.1	19.7





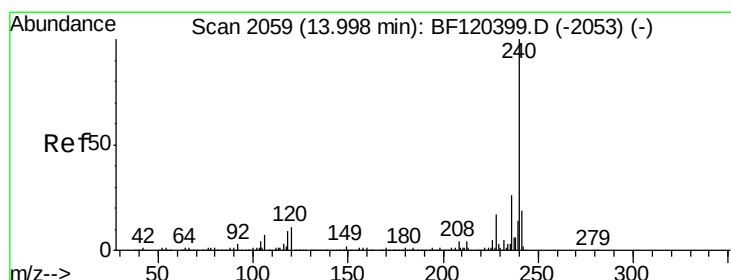
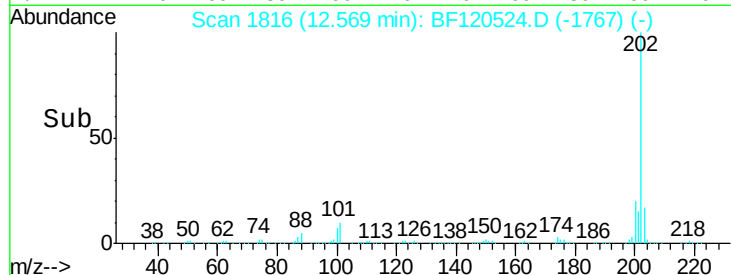
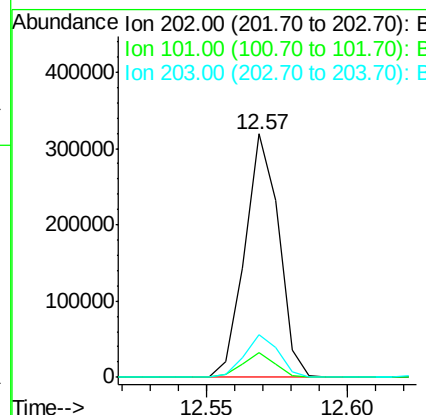
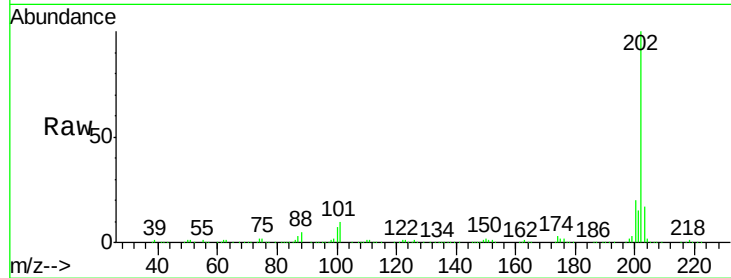
#75
 Fluoranthene
 Concen: 15.326 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	30.4
203	17.5	0.0	38.2

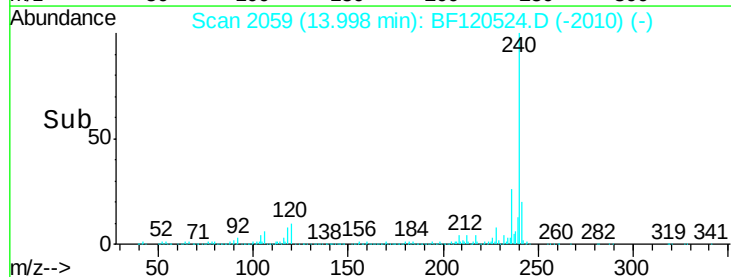
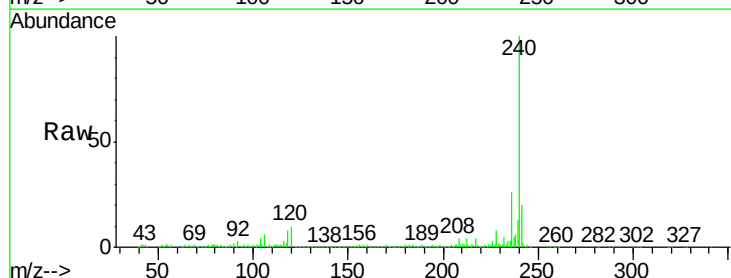
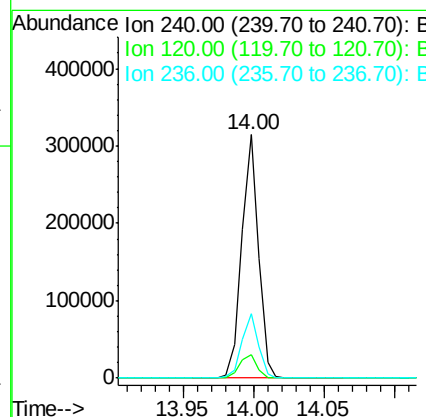
Manual Integrations
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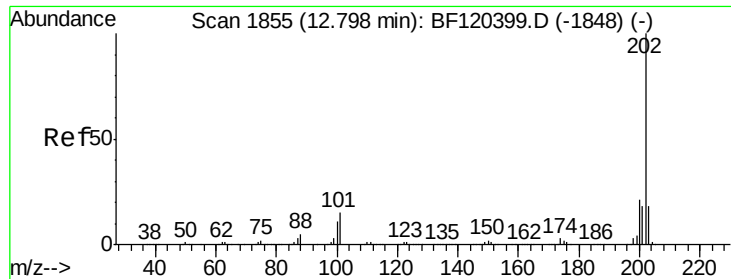
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	7.9	11.9
236	26.4	21.1	31.7





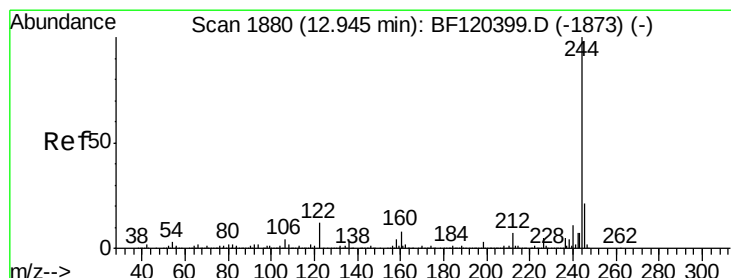
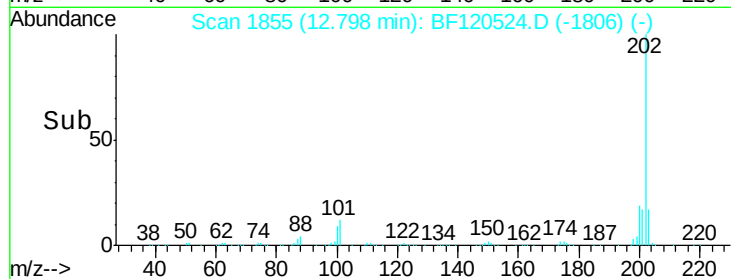
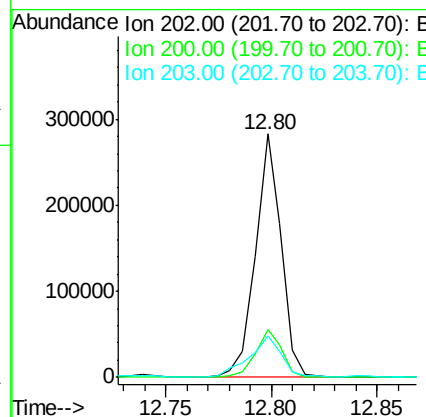
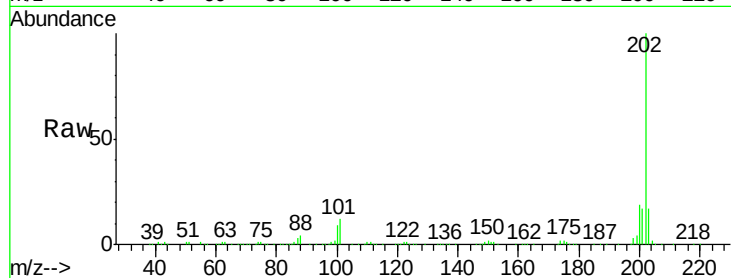
#78
Pvrene
Concen: 13.311 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.4	17.3	25.9
203	17.1	14.5	21.7

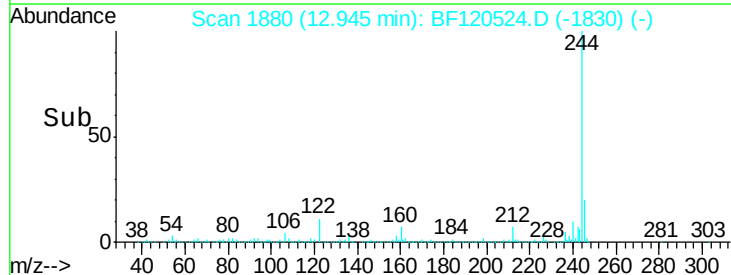
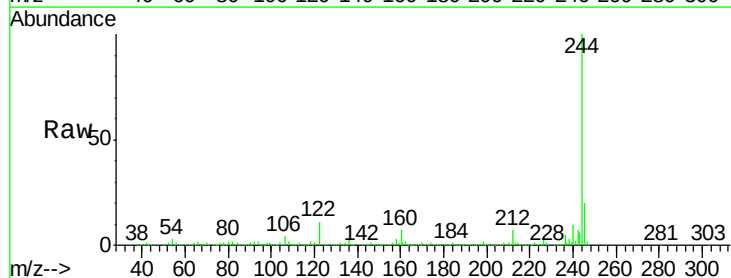
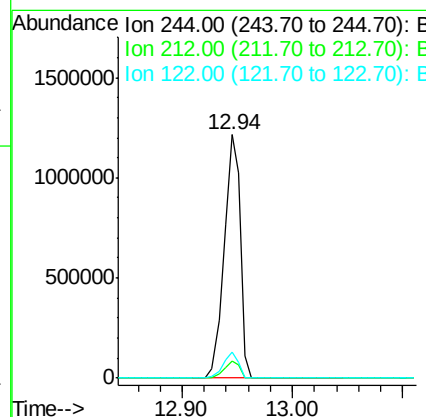
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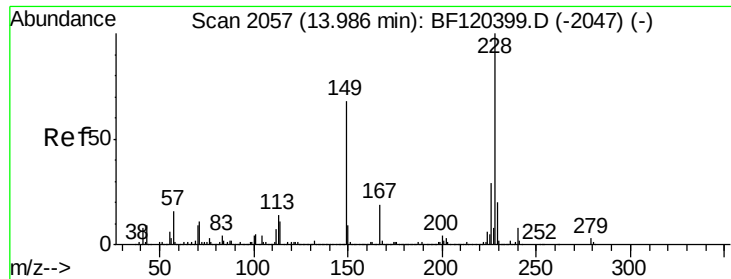
mohammad
6/4/2020 12:13:01 PM



#79
Terphenyl-d14
Concen: 104.818 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	8.2	12.4





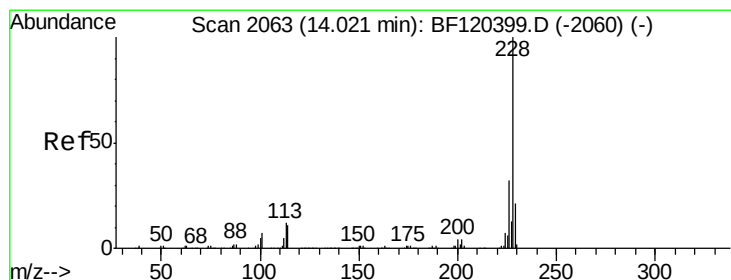
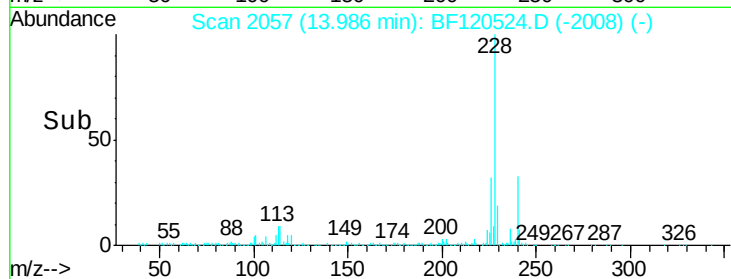
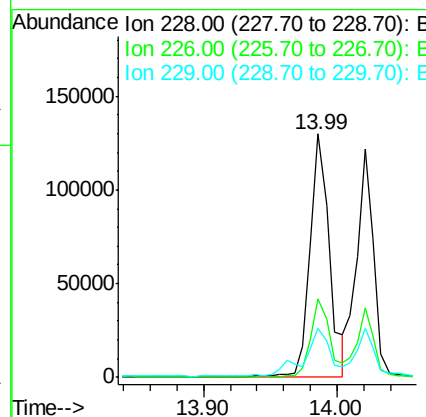
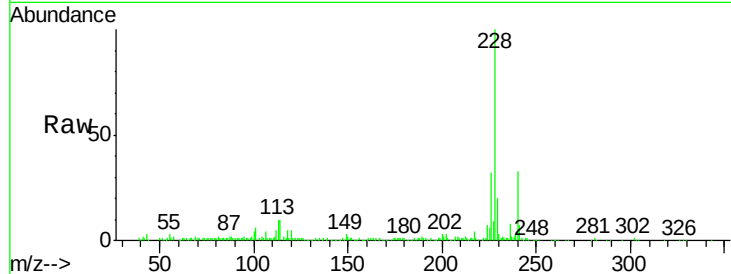
#81
Benzo(a)anthracene
Concen: 9.312 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.7	34.1
229	20.2	16.3	24.5

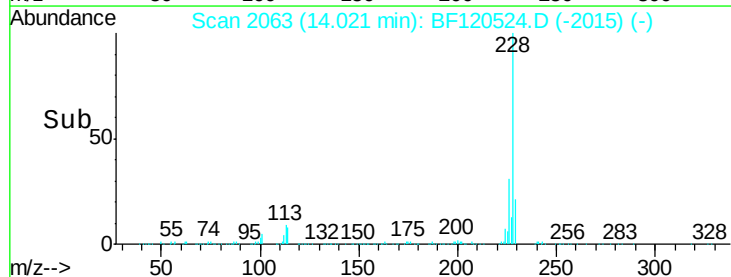
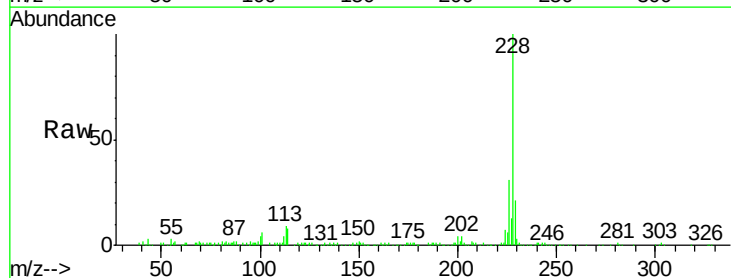
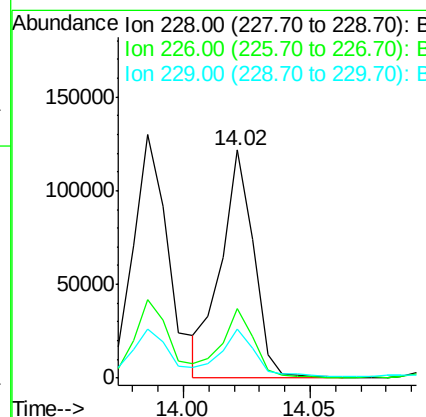
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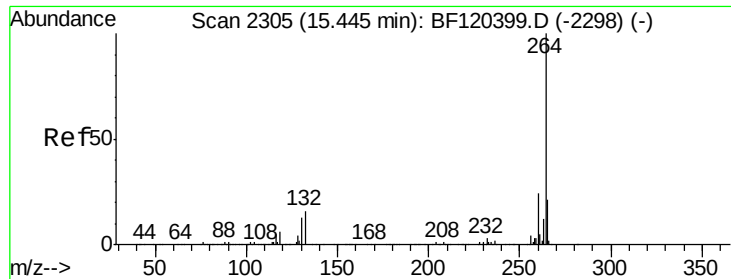
mohammad
6/4/2020 12:13:01 PM



#83
Chrysene
Concen: 7.477 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	21.4	16.1	24.1





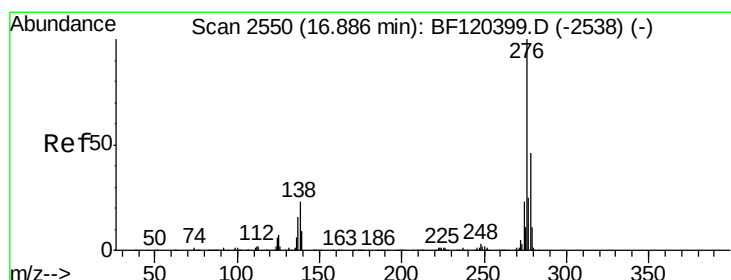
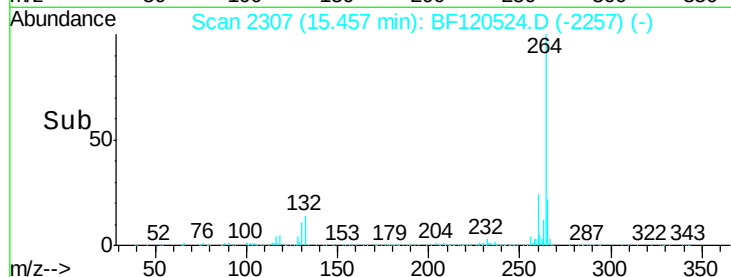
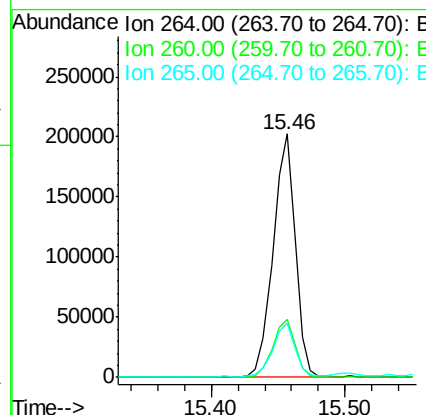
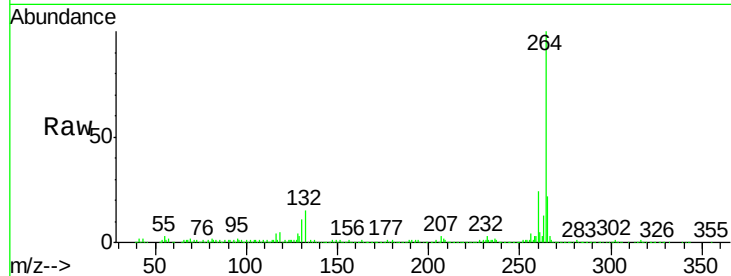
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	22.2	17.5	26.3

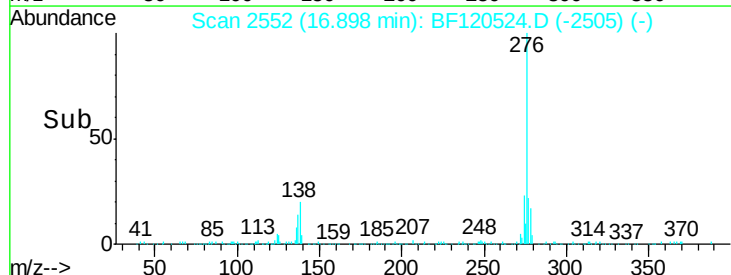
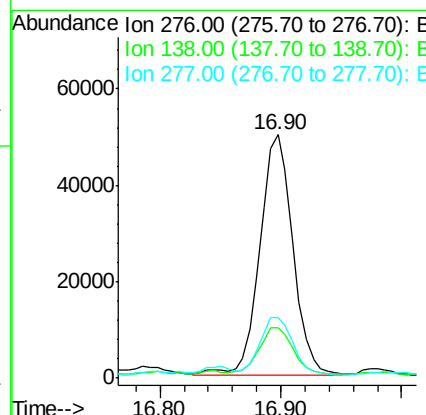
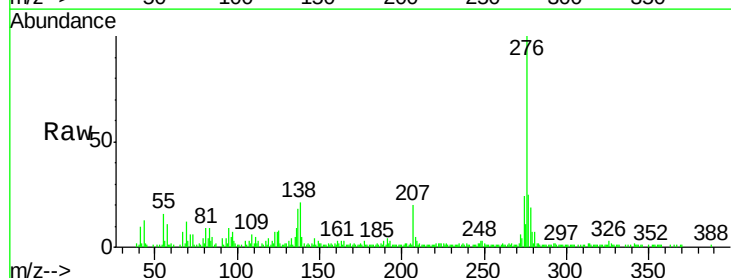
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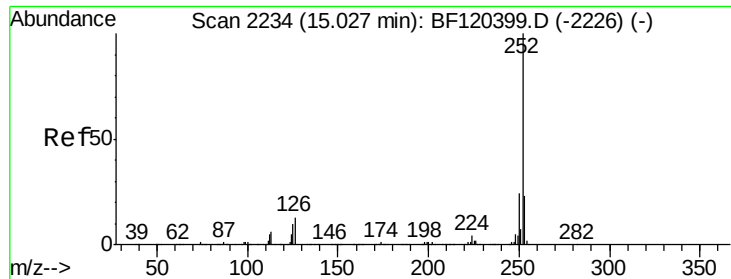
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.415 ng
RT: 16.90 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.2	28.8
277	24.7	20.4	30.6





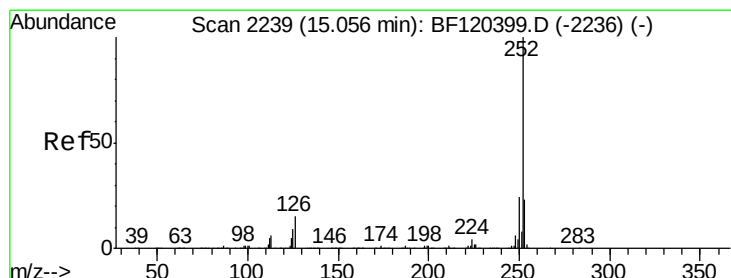
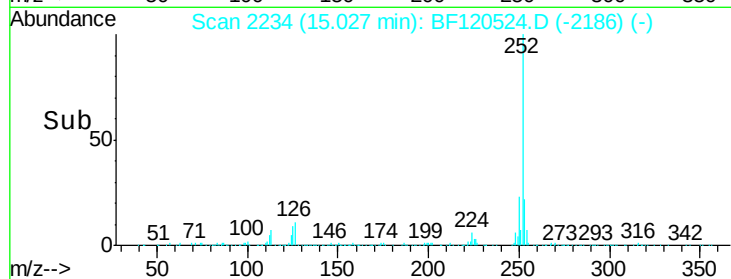
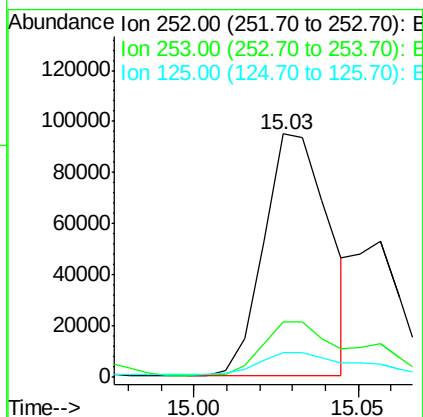
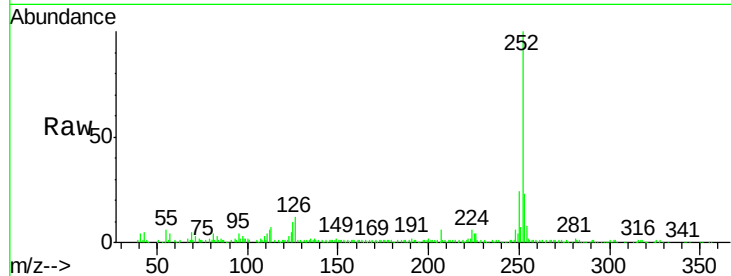
#88
Benzo(b)fluoranthene
Concen: 10.044 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	10.3	7.6	11.4

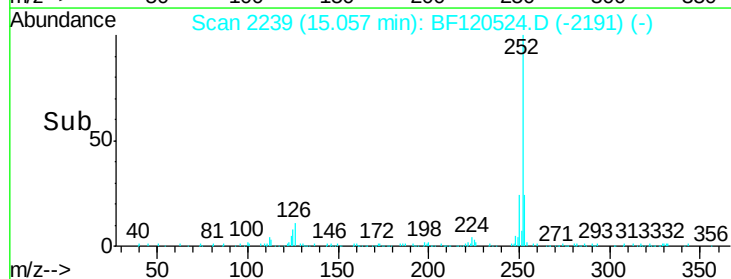
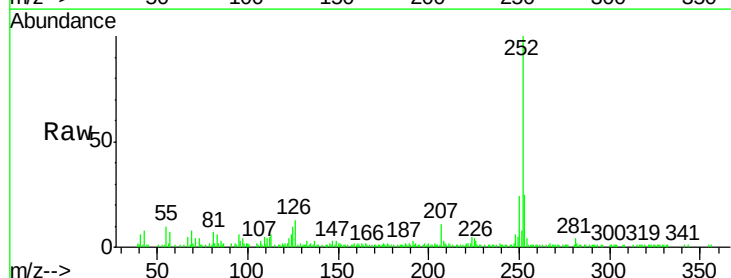
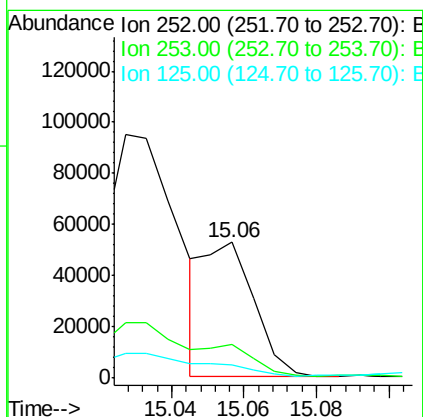
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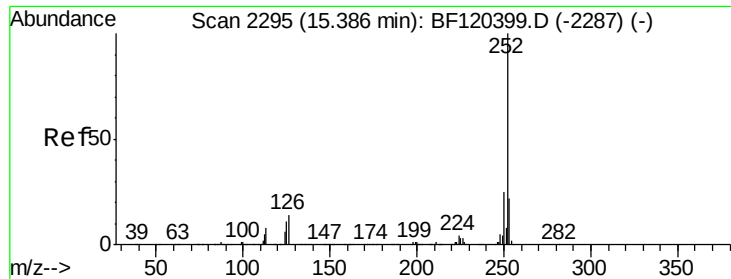
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.055 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	10.2	7.5	11.3





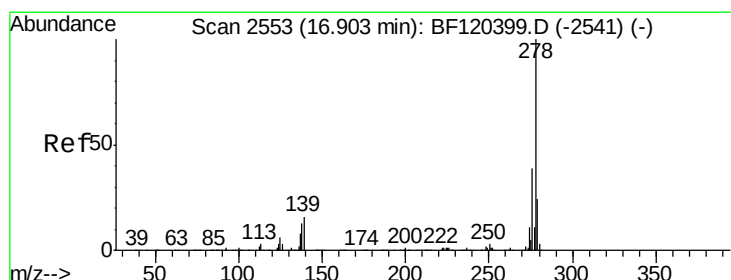
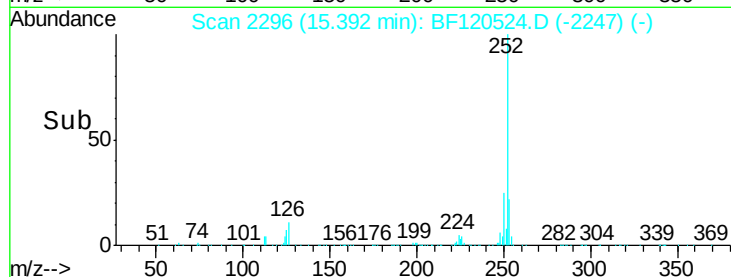
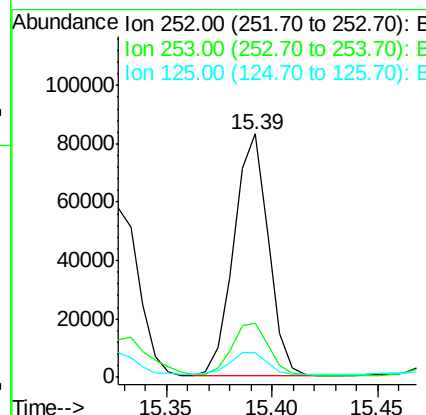
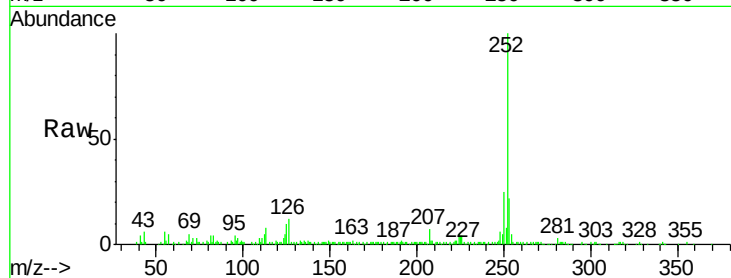
#90
Benzo(a)pyrene
Concen: 8.201 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Instrument :
BNA_F
ClientSampleId :
NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	9.2	13.8

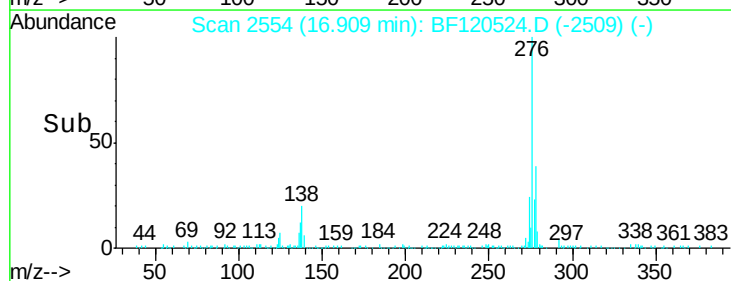
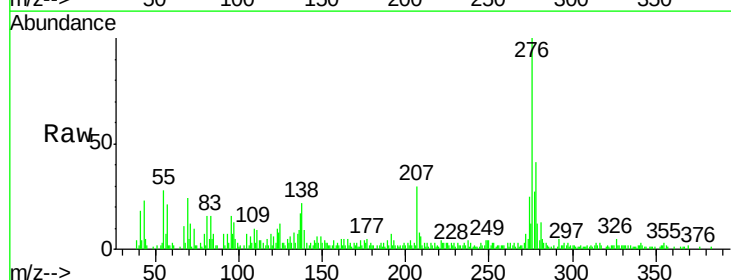
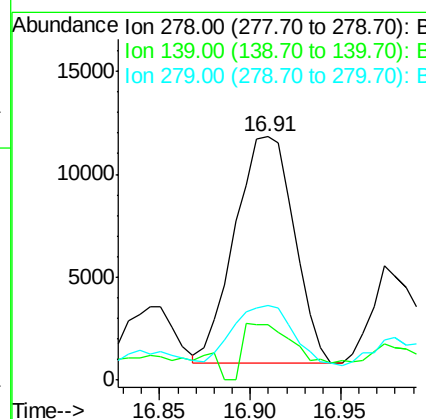
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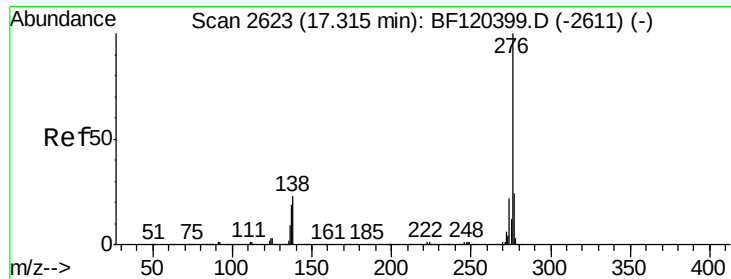
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.378 ng
RT: 16.91 min Scan# 2554
Delta R.T. -0.04 min
Lab File: BF120524.D
Acq: 3 Jun 2020 22:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	11.6	17.4#
279	30.6	19.2	28.8#





#92
 Benzo(a,h,i)perylene
 Concen: 8.326 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. -0.02 min
 Lab File: BF120524.D
 Acq: 3 Jun 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 NM18-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	21.6	16.6	25.0

Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:13:01 PM

