

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119908.D
 Acq On : 10 Apr 2020 21:21
 Operator : MA/SJ
 Sample : L2205-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

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Quant Time: Apr 11 03:04:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	175867	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	618002	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	265638	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	438127	20.00	ng	0.00
76) Chrysene-d12	13.93	240	342019	20.00	ng	0.00
87) Perylene-d12	15.37	264	276100	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	821262	80.70	ng	0.00
7) Phenol-d6	6.39	99	1002778	76.47	ng	0.00
23) Nitrobenzene-d5	7.32	82	605952	50.72	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	196081	60.29	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1000820	53.49	ng	0.00
79) Terphenyl-d14	12.87	244	880478	43.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	154494	7.519	ng	# 99
71) Phenanthrene	11.30	178	67763	2.906	ng	# 96
75) Fluoranthene	12.50	202	129889	5.163	ng	97
78) Pyrene	12.73	202	145345	5.041	ng	99
81) Benzo(a)anthracene	13.92	228	72333	3.215	ng	# 92
83) Chrysene	13.95	228	63903	2.795	ng	# 91
88) Benzo(b)fluoranthene	14.95	252	73225m	3.687	ng	
90) Benzo(a)pyrene	15.30	252	51123	3.061	ng	# 65
92) Benzo(g,h,i)perylene	17.20	276	30392	2.081	ng	# 77

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

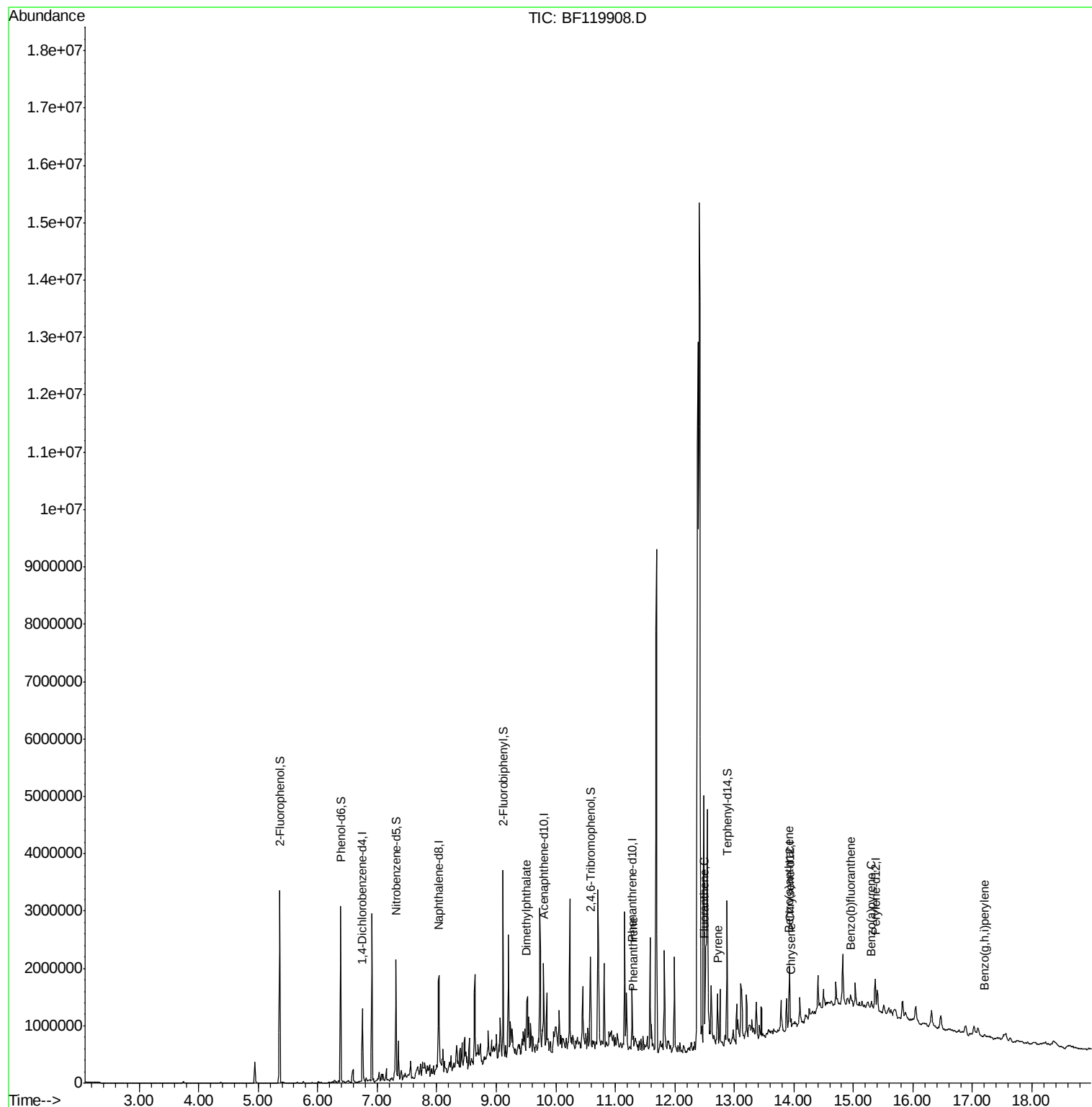
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
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Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

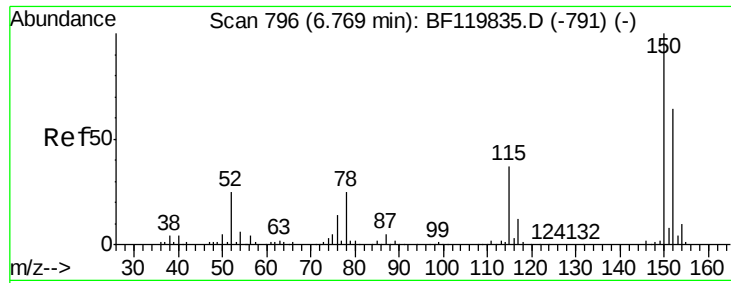
Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

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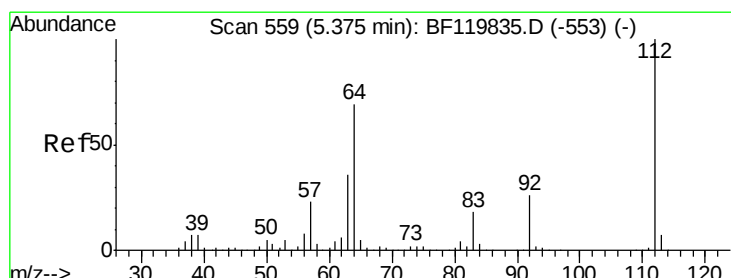
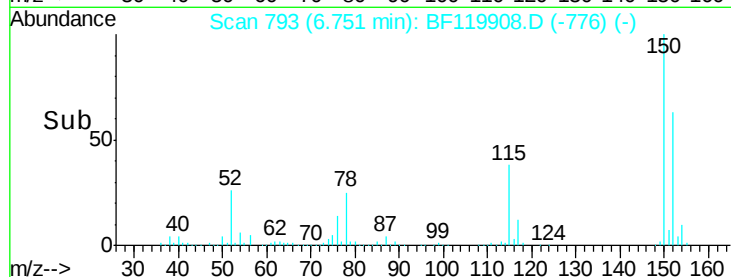
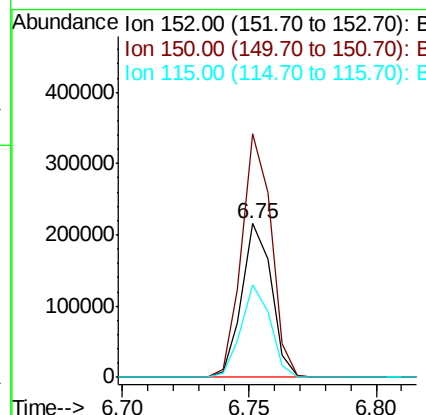
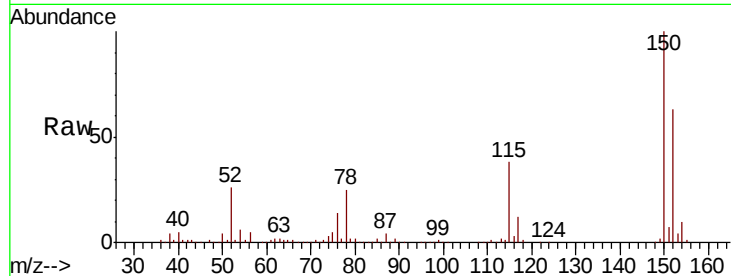
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	59.8	46.5	69.7

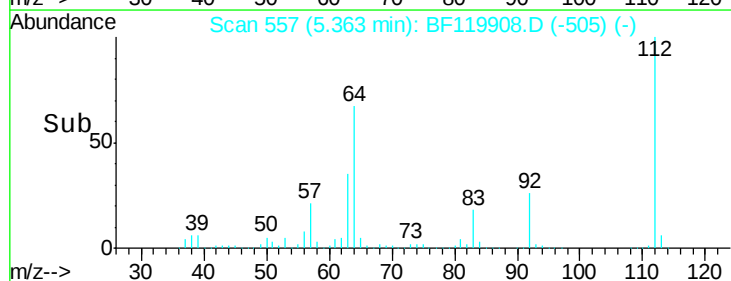
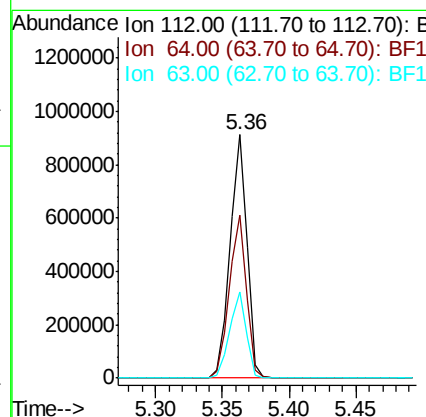
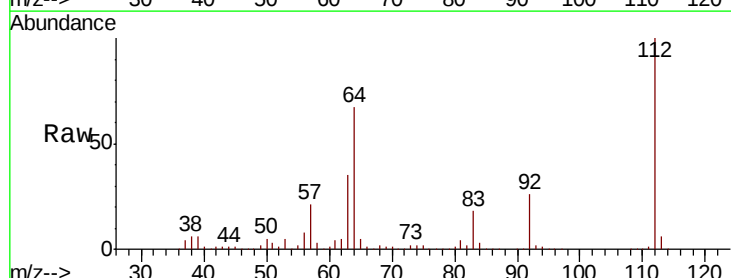
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#5
 2-Fluorophenol
 Concen: 80.703 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.5	83.3
63	35.4	29.1	43.7





#7

Phenol-d6

Concen: 76.473 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119908.D

Acq: 10 Apr 2020 21:21

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-A

Tot Ion: 99 Resp: 1002778

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

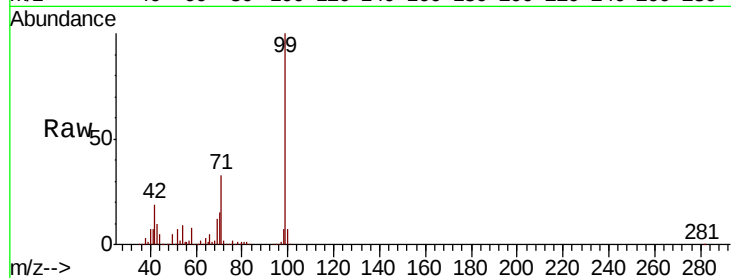
71 33.0 26.3 39.5

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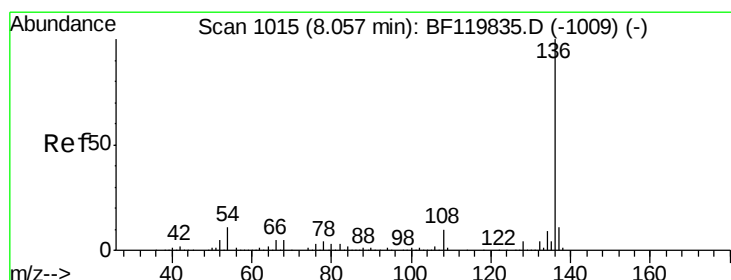
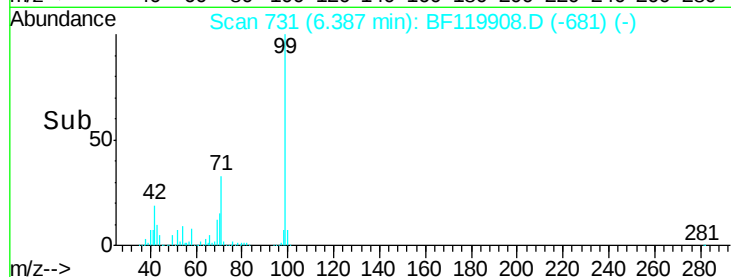
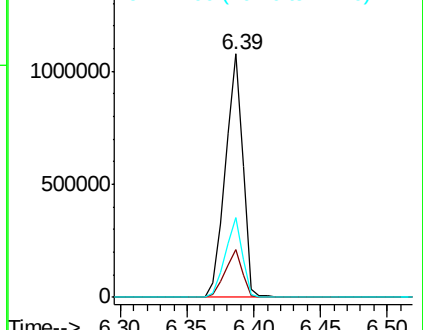
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF119908.D

Acq: 10 Apr 2020 21:21

Tgt Ion: 136 Resp: 618002

Ion Ratio Lower Upper

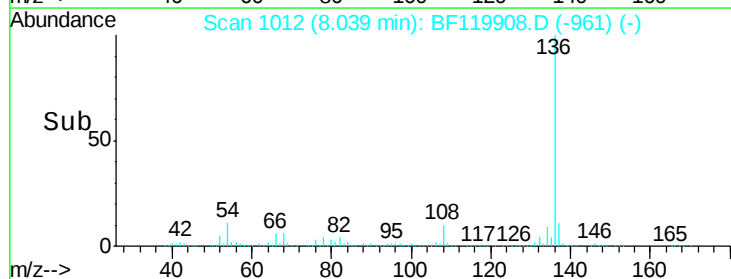
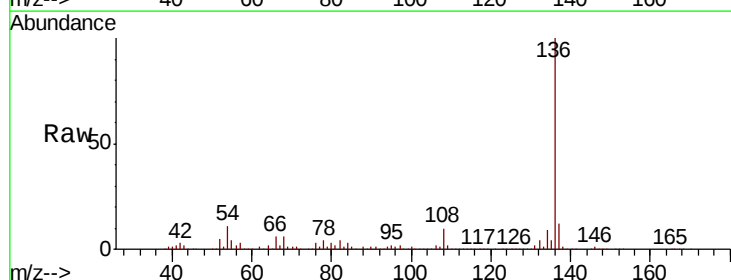
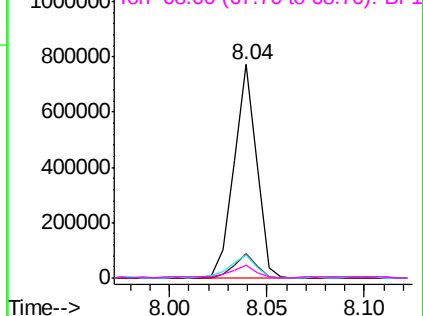
136 100

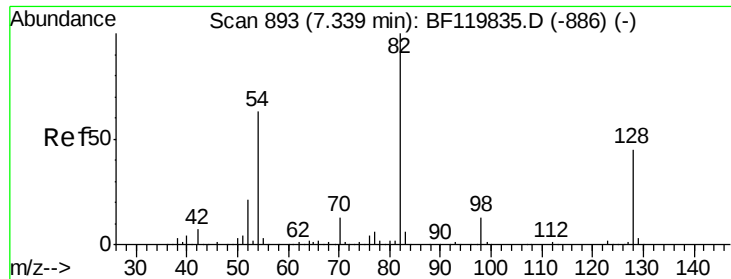
137 11.5 8.7 13.1

54 10.6 8.5 12.7

68 6.1 3.9 5.9#

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





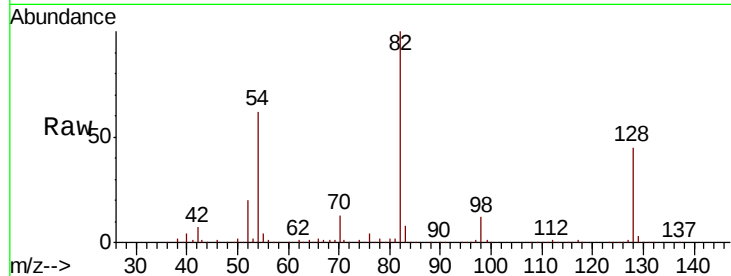
#23
Nitrobenzene-d5
Concen: 50.725 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

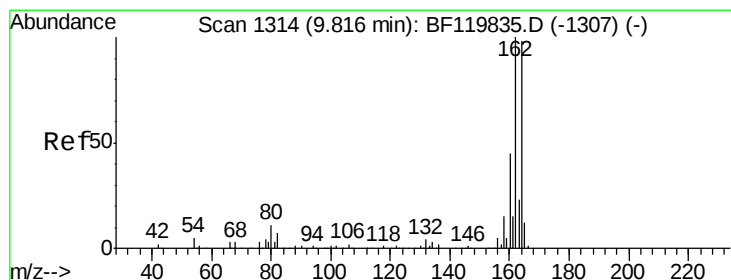
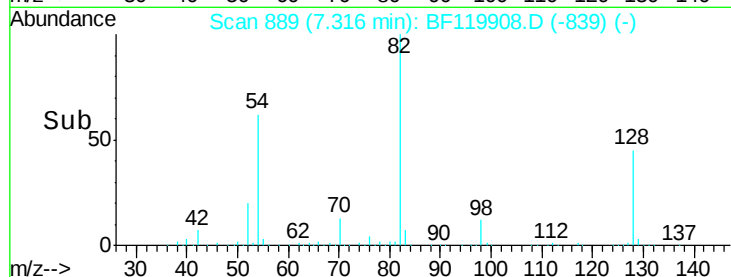
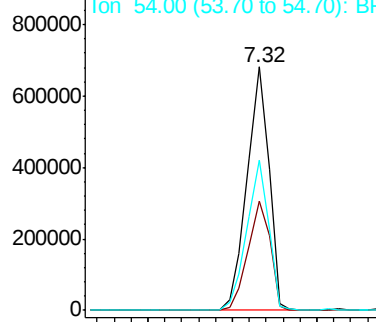
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.4
54	61.7	50.4	75.6

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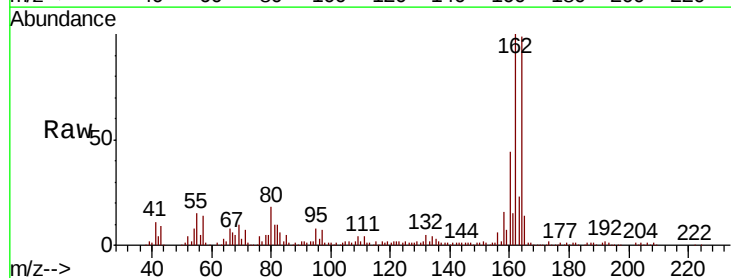


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

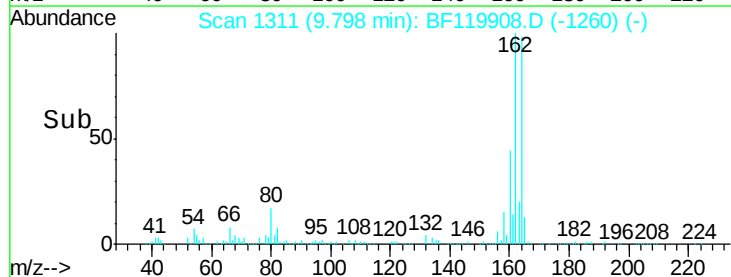
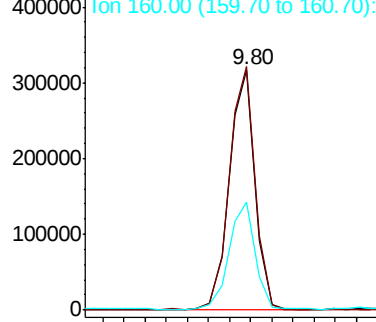


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	45.1	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





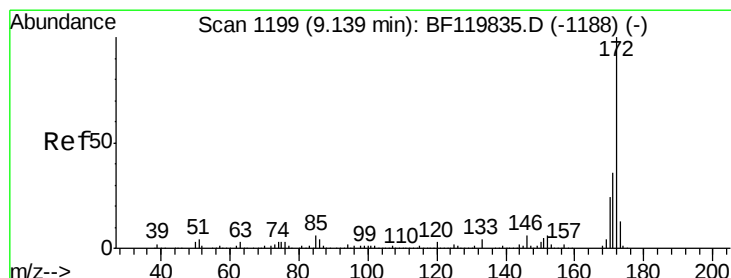
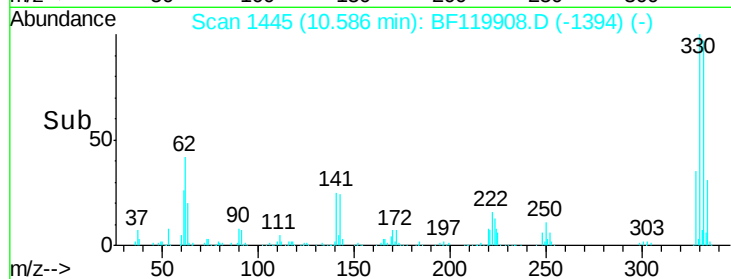
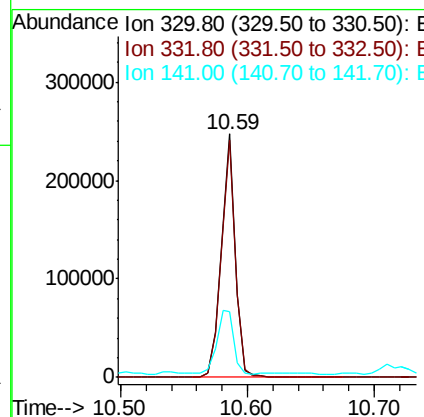
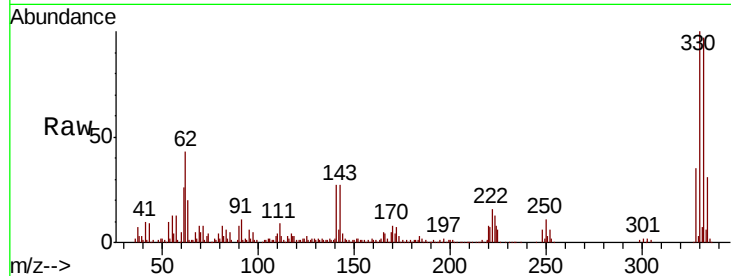
#42
 2,4,6-Tribromophenol
 Concen: 60.290 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196081		
332	97.8	76.8	115.2	
141	30.4	25.1	37.7	

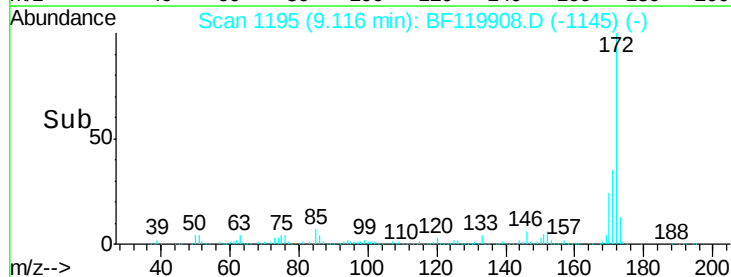
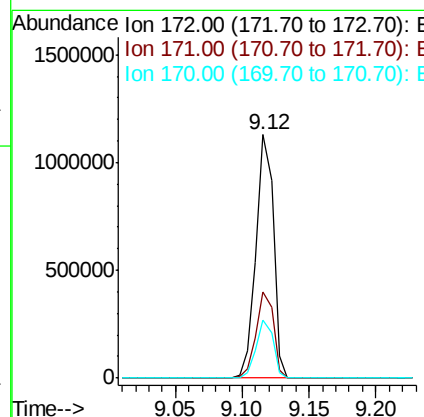
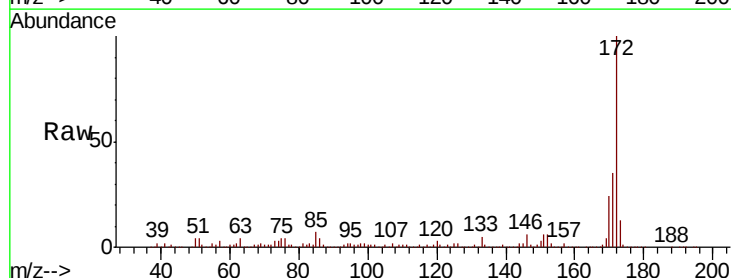
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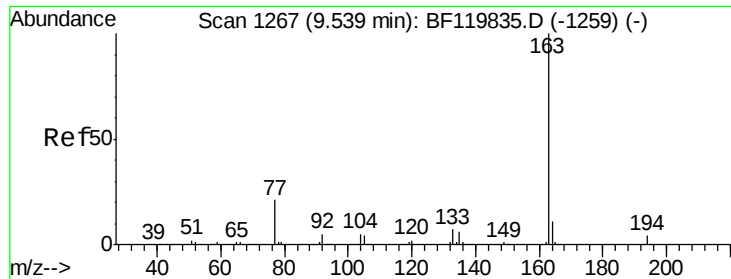
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#45
 2-Fluorobiphenyl
 Concen: 53.492 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1000820		
171	35.4	28.9	43.3	
170	23.8	19.4	29.2	





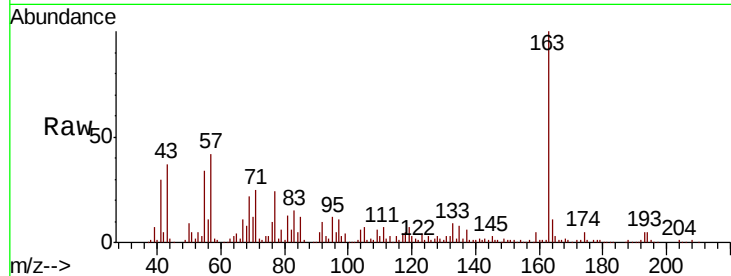
#50
Dimethylphthalate
Concen: 7.519 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

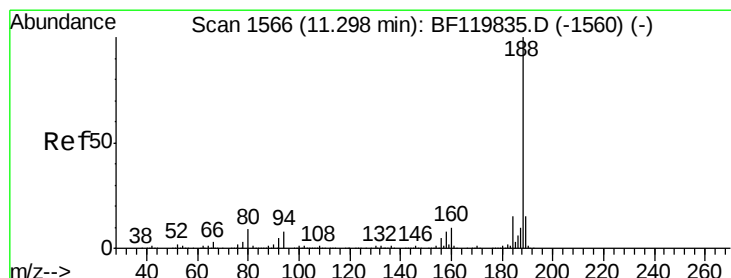
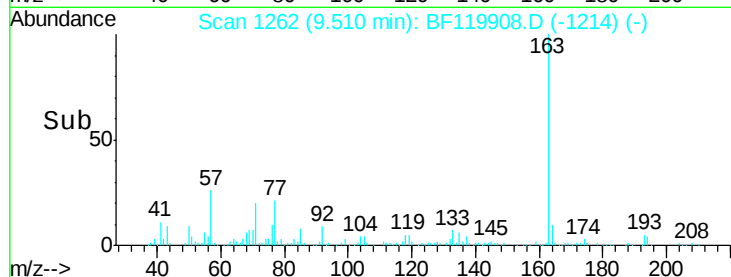
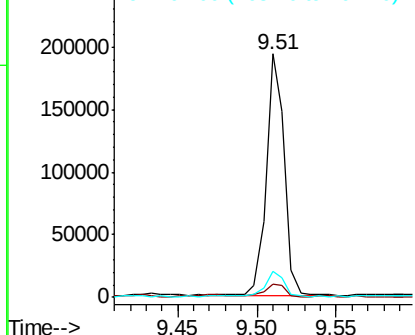
Tot Ion	Ratio	Resp	Lower	Upper
163	100	154494		
194	5.5	3.0	4.4#	
164	10.6	8.4	12.6	

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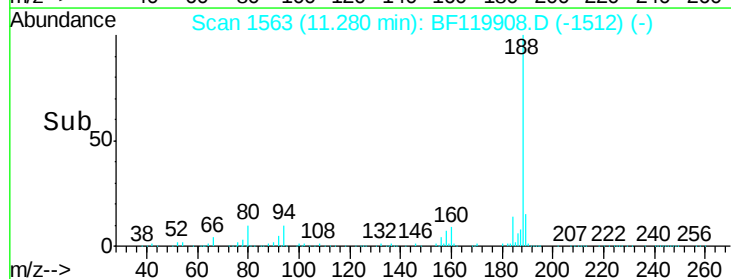
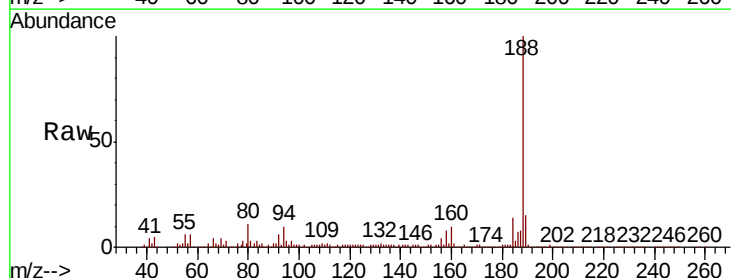
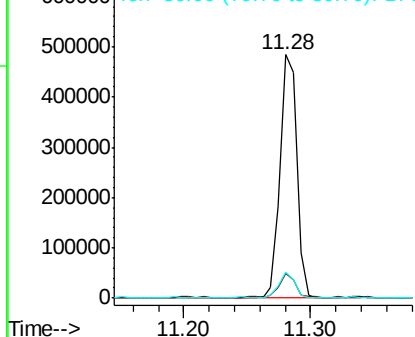
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

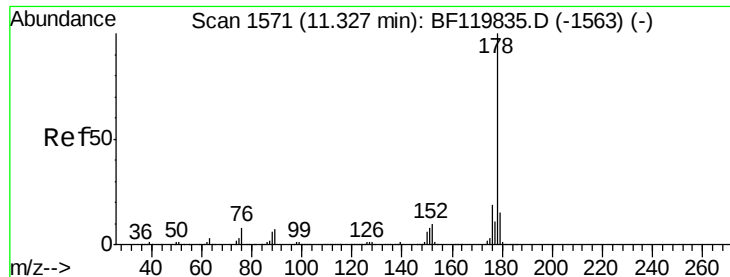


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	438127		
94	10.3	6.7	10.1#	
80	10.6	7.4	11.2	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





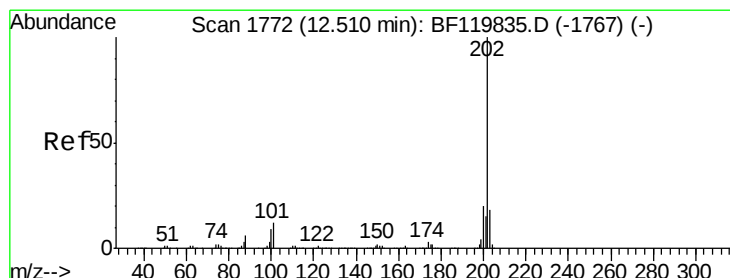
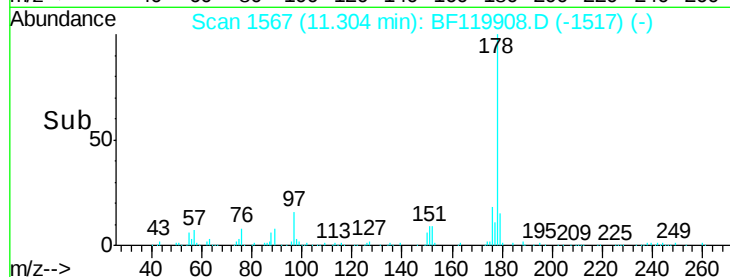
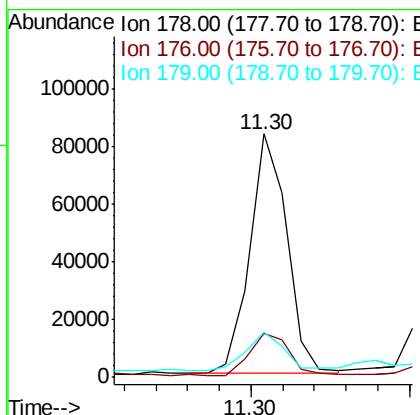
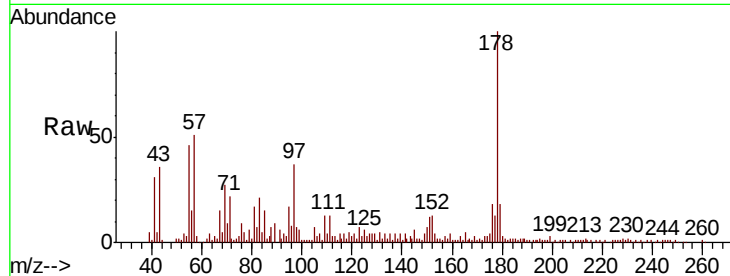
#71
Phenanthrene
Concen: 2.906 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	18.4	12.2	18.4#

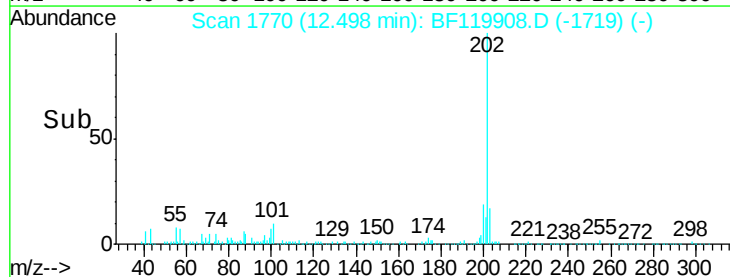
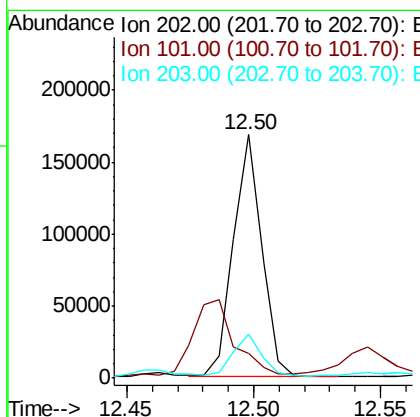
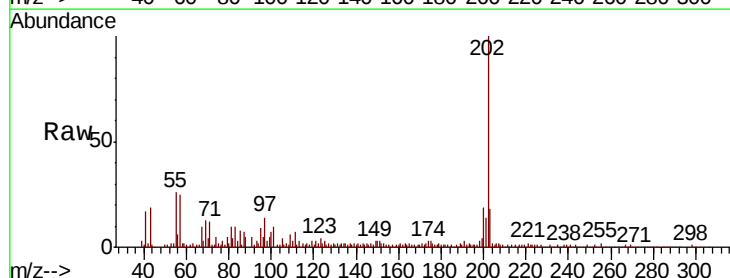
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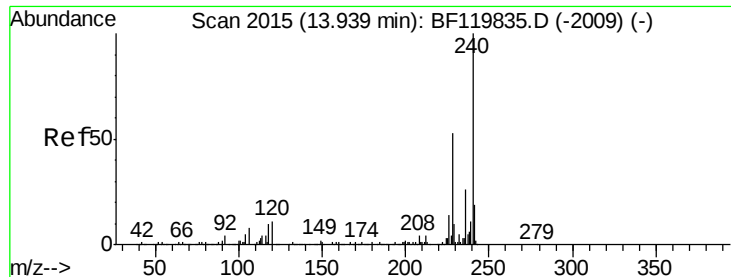
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#75
Fluoranthene
Concen: 5.163 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	18.0	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119908.D

Acq: 10 Apr 2020 21:21

Instrument :

BNA_F

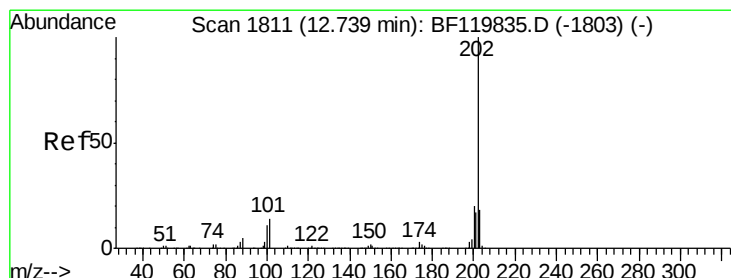
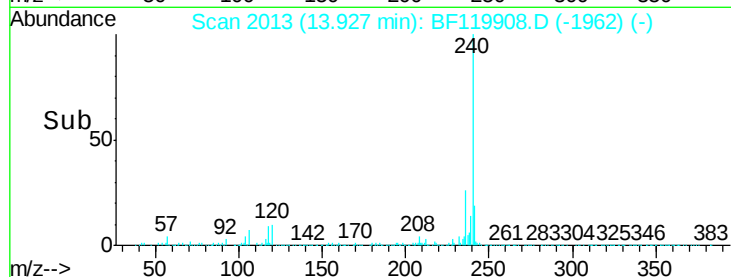
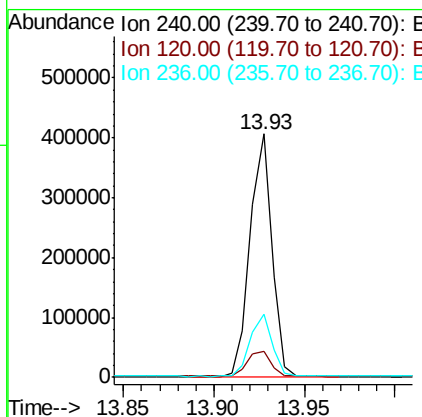
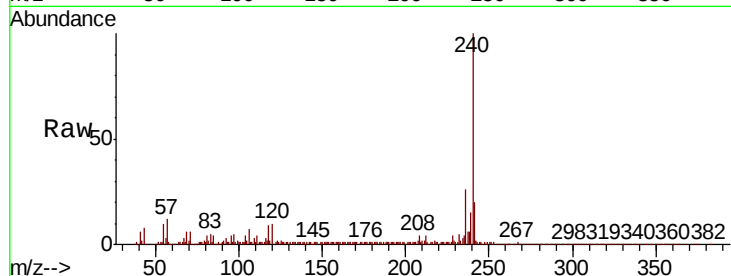
ClientSampleId :

JC-02-04082020-A

Tot Ion:	240	Resp:	342019
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.0	13.6
236	25.9	20.7	31.1

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#78

Pyrene

Concen: 5.041 ng

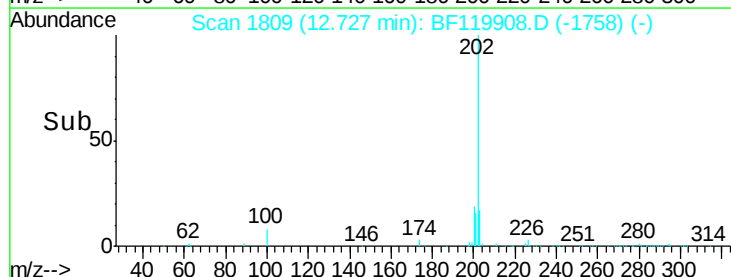
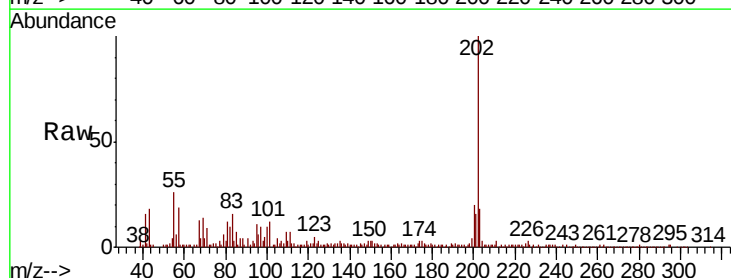
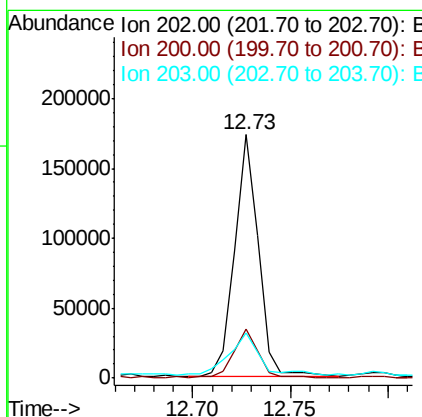
RT: 12.73 min Scan# 1809

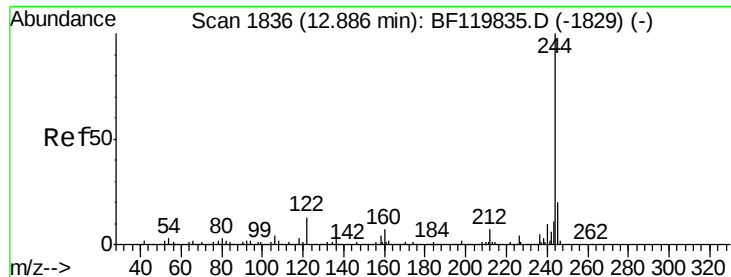
Delta R.T. -0.00 min

Lab File: BF119908.D

Acq: 10 Apr 2020 21:21

Tgt Ion:	202	Resp:	145345
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.2
203	18.3	14.1	21.1





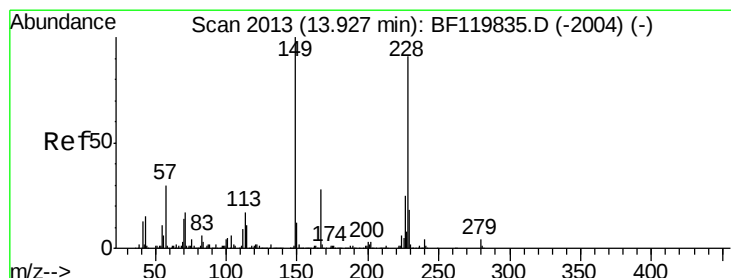
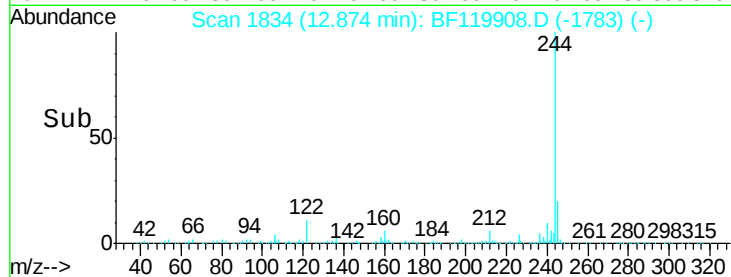
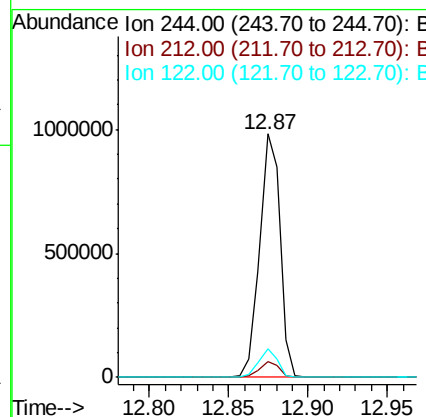
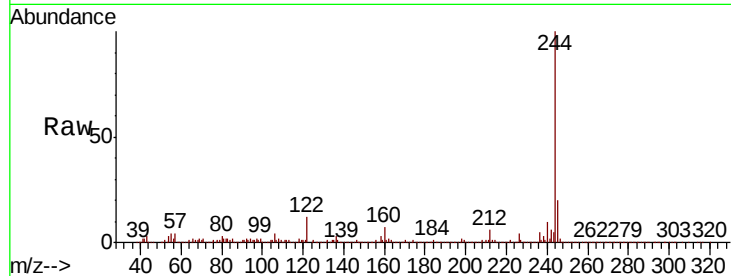
#79
 Terphenyl-d14
 Concen: 43.317 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

Tot Ion:244	Resp:	880478
Ion Ratio	Lower	Upper
244 100		
212 6.4	5.4	8.0
122 11.8	10.3	15.5

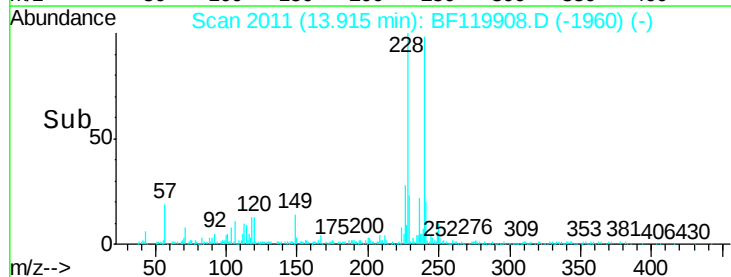
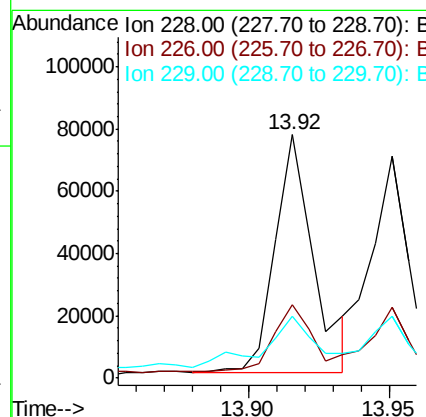
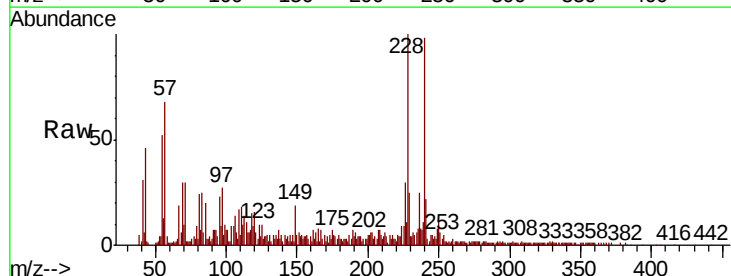
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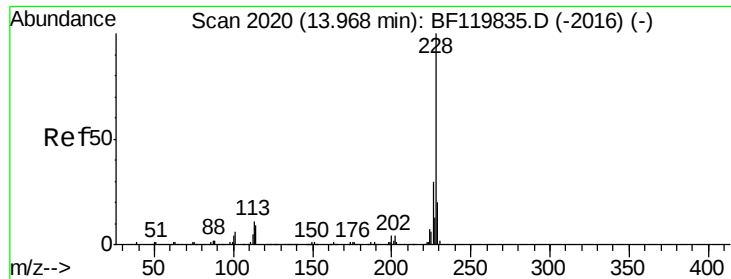
mohammad
 4/14/2020 3:39:28 PM



#81
 Benzo(a)anthracene
 Concen: 3.215 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Tgt Ion:228	Resp:	72333
Ion Ratio	Lower	Upper
228 100		
226 30.1	21.9	32.9
229 25.3	15.9	23.9#





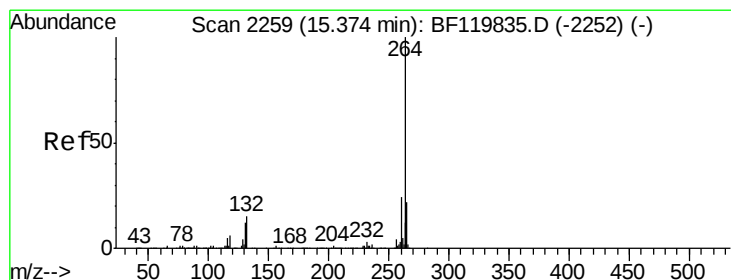
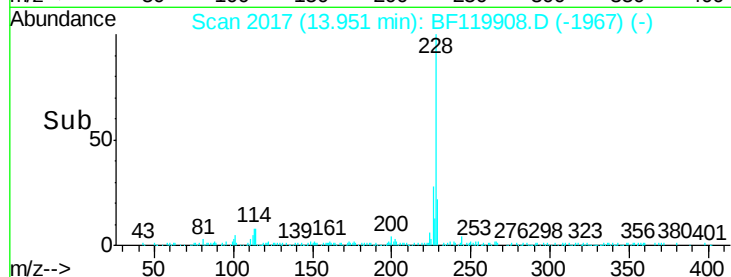
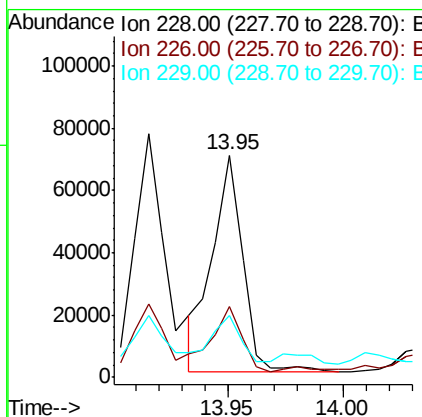
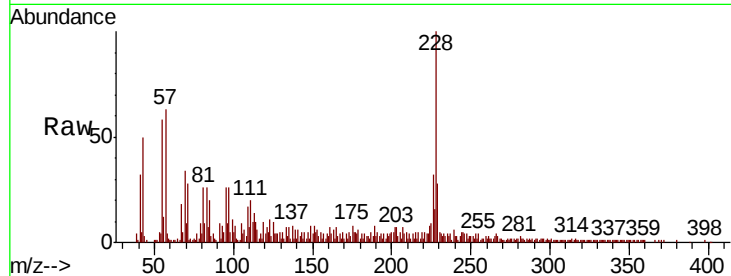
#83
Chrysene
Concen: 2.795 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.2	36.2
229	27.9	15.9	23.9

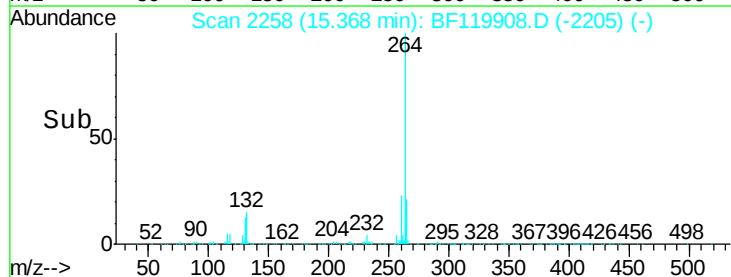
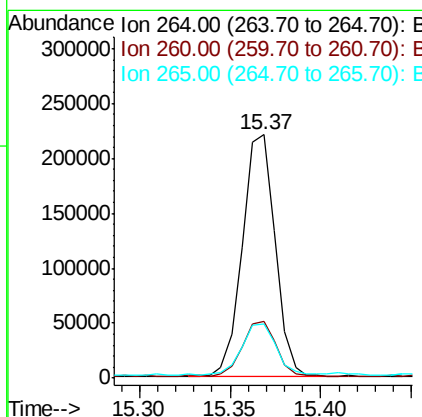
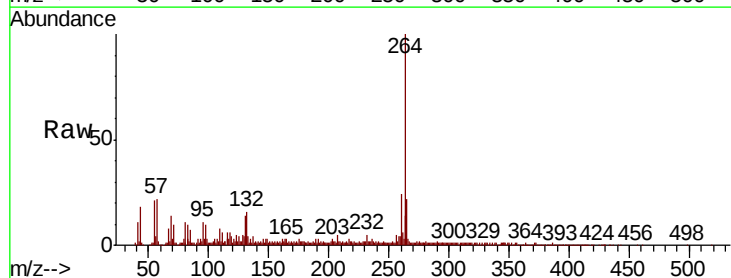
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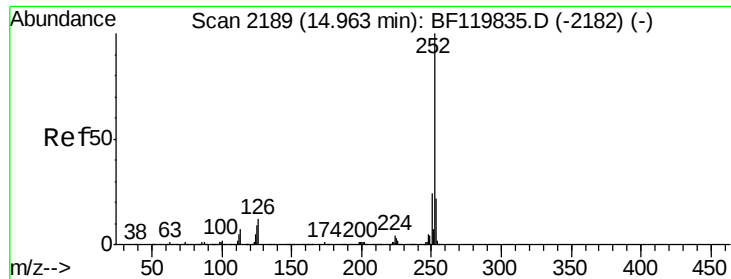
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.3	17.6	26.4





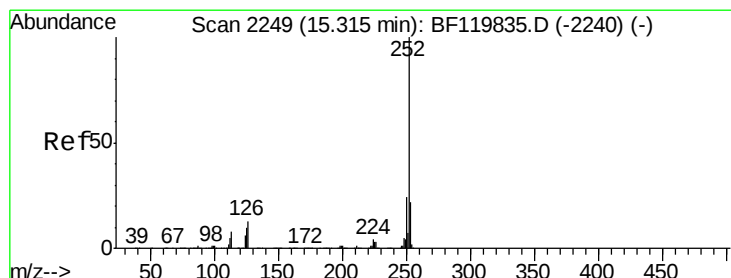
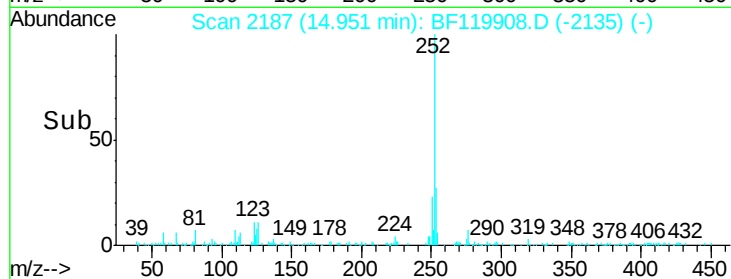
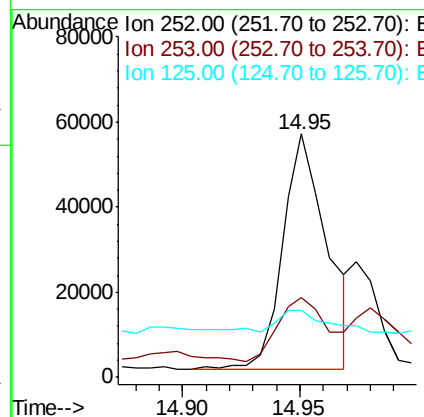
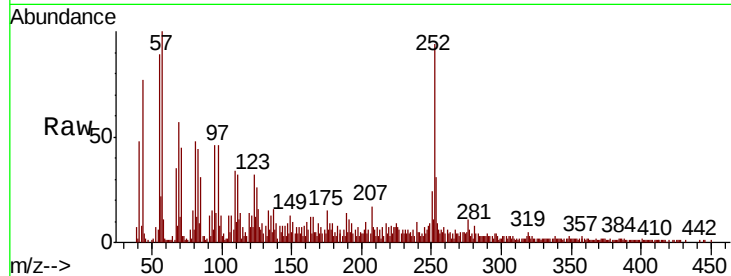
#88
Benzo(b)fluoranthene
Concen: 3.687 ng m
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.7	26.5#
125	27.7	7.4	11.2#

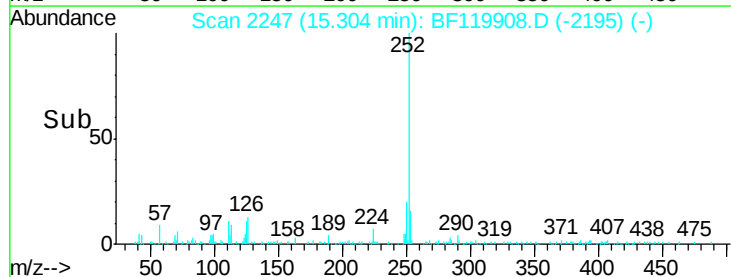
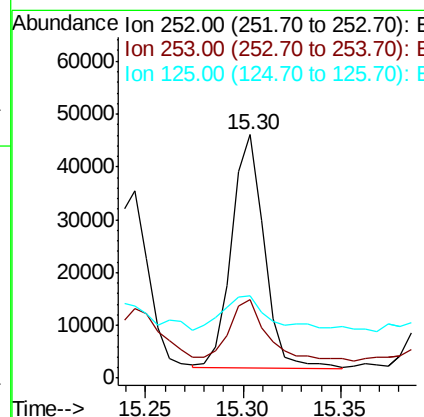
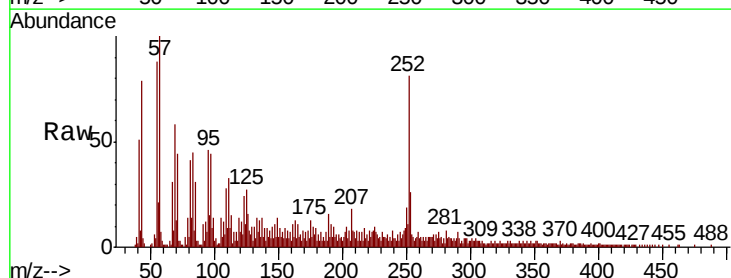
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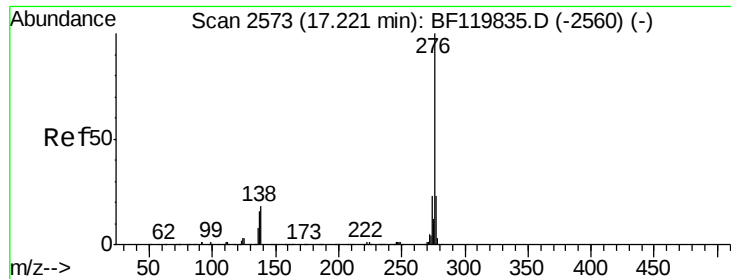
mohammad
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#90
Benzo(a)pyrene
Concen: 3.061 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119908.D
Acq: 10 Apr 2020 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.4	26.2#
125	33.6	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.081 ng
 RT: 17.20 min Scan# 2569
 Delta R.T. 0.01 min
 Lab File: BF119908.D
 Acq: 10 Apr 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	34.9	18.5	27.7#	
138	27.8	14.6	22.0#	

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