

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120499.D
 Acq On : 2 Jun 2020 17:12
 Operator : JU/CG
 Sample : L2773-26
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-2020-0-6

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Quant Time: Jun 02 19:21:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146242	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493065	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	236381	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	467293	20.00	ng	0.00
76) Chrysene-d12	14.01	240	427134	20.00	ng	0.00
86) Perylene-d12	15.47	264	391939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	709893	92.51	ng	0.00
7) Phenol-d6	6.47	99	848904	89.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	516890	68.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	233684	106.70	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	980485	70.38	ng	0.00
79) Terphenyl-d14	12.96	244	1212148	63.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	150565	10.189	ng	100
71) Phenanthrene	11.39	178	118303	5.746	ng	99
75) Fluoranthene	12.58	202	283161	12.781	ng	98
78) Pyrene	12.81	202	279156	9.398	ng	97
81) Benzo(a)anthracene	14.00	228	158634	6.930	ng	97
83) Chrysene	14.03	228	143753	5.990	ng	96
87) Indeno(1,2,3-cd)pyrene	16.93	276	77220	3.602	ng	95
88) Benzo(b)fluoranthene	15.04	252	186510m	8.568	ng	
89) Benzo(k)fluoranthene	15.07	252	62814m	3.091	ng	
90) Benzo(a)pyrene	15.41	252	126923	6.666	ng	98
92) Benzo(g,h,i)perylene	17.37	276	75740	4.394	ng	94

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

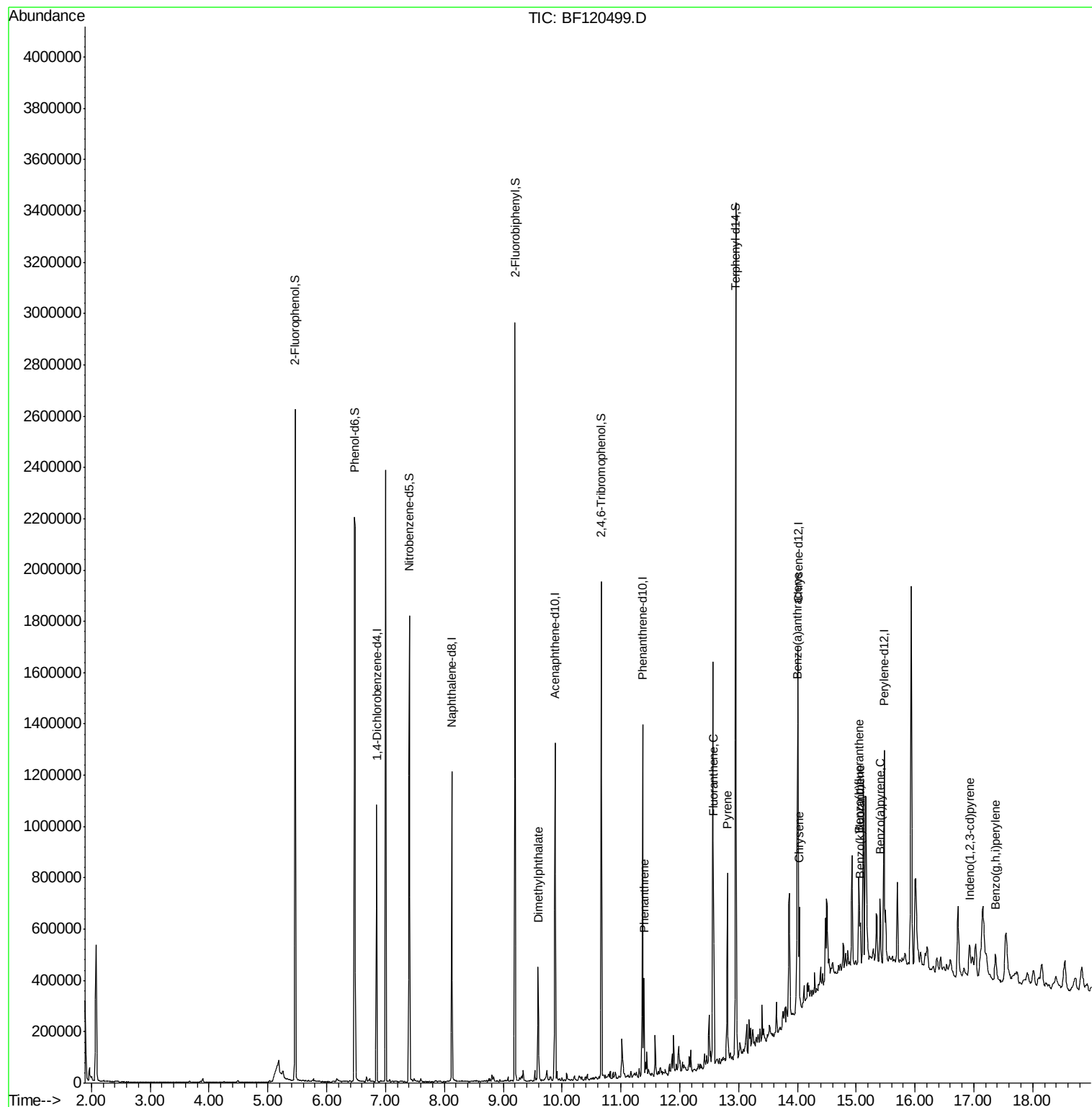
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120499.D
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ALS Vial : 16 Sample Multiplier: 1

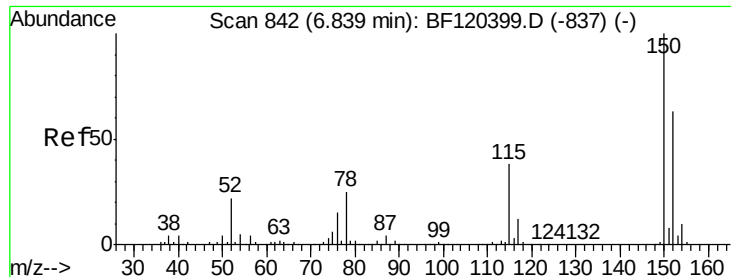
Instrument :
BNA_F
ClientSampleId :
NM3-COMP-2020-0-6

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Quant Time: Jun 02 19:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
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#1

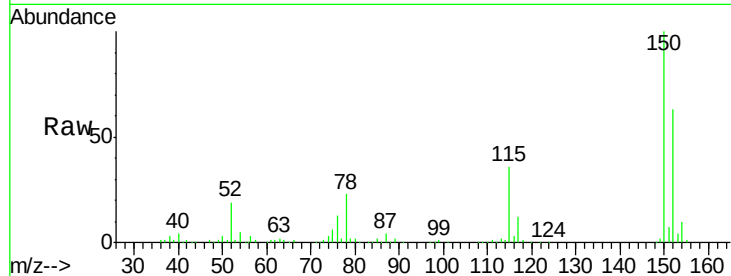
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-2020-0-6

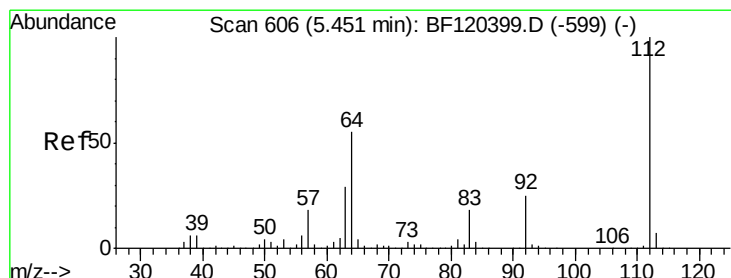
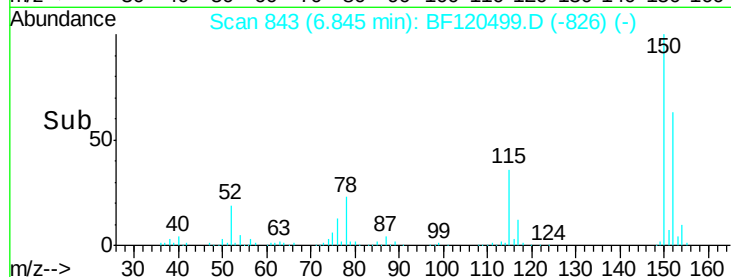
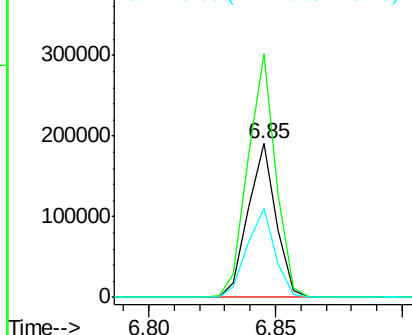
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.7	190.1
115	57.7	46.2	69.2

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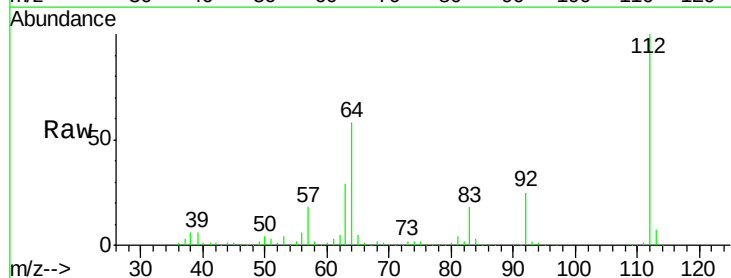
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



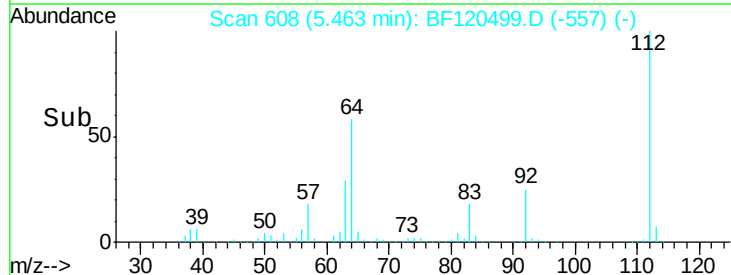
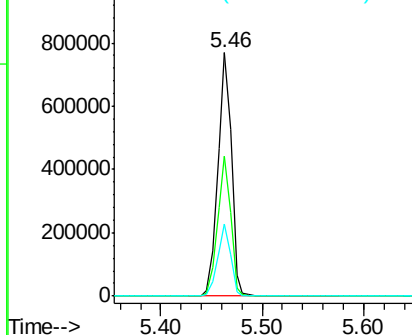
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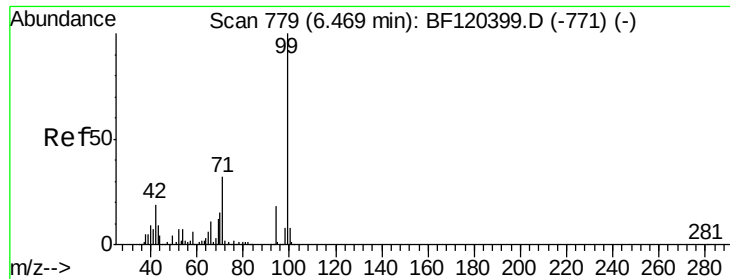
2-Fluorophenol
Concen: 92.509 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.3	69.5
63	29.4	24.2	36.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.751 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Instrument :

BNA_F

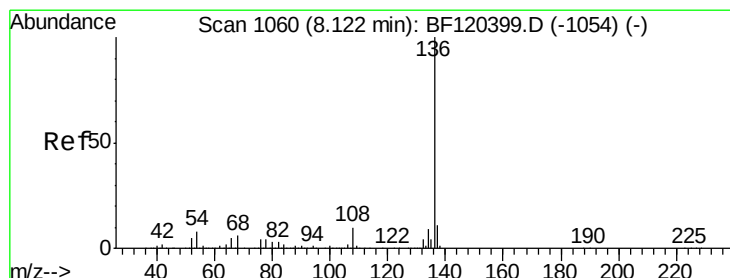
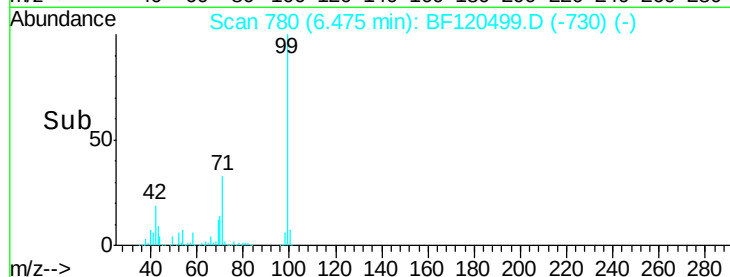
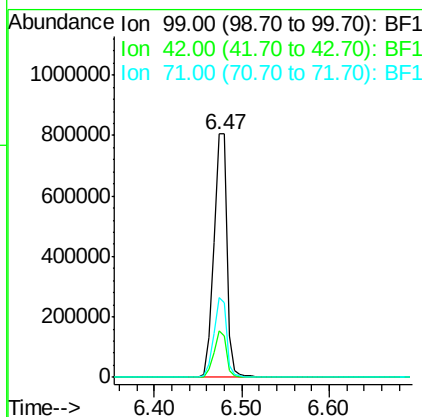
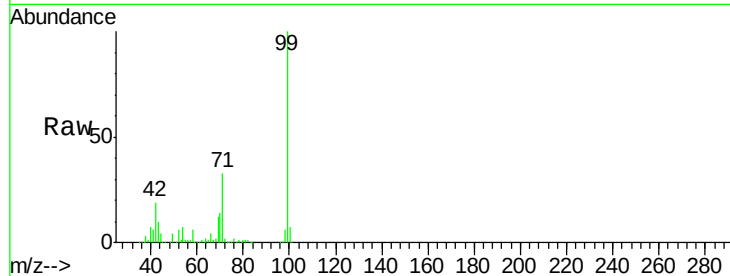
ClientSampleId :

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Tot Ion:	99	Resp:	848904
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	32.7	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

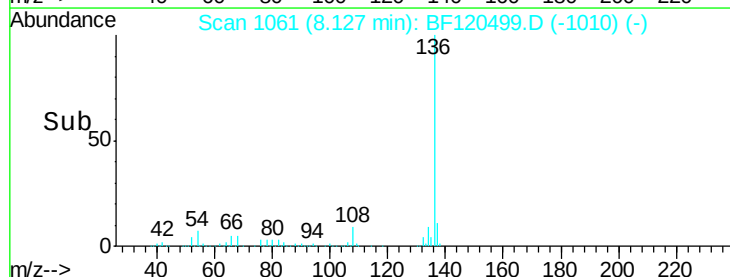
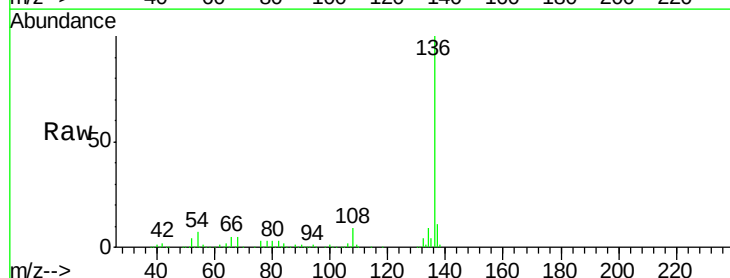
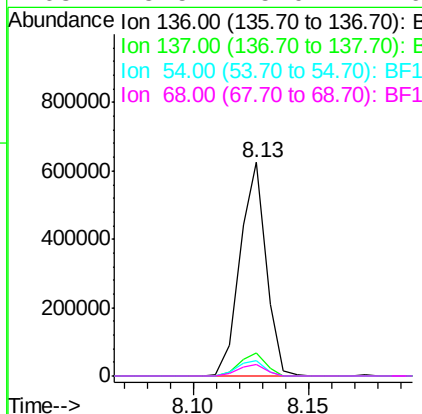
RT: 8.13 min Scan# 1061

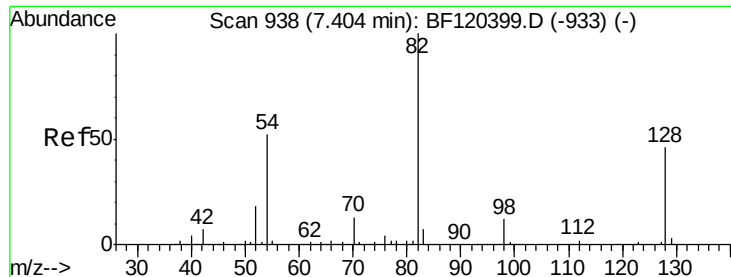
Delta R.T. -0.00 min

Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Tgt Ion:	136	Resp:	493065
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.0	6.2	9.4
68	5.5	5.0	7.6





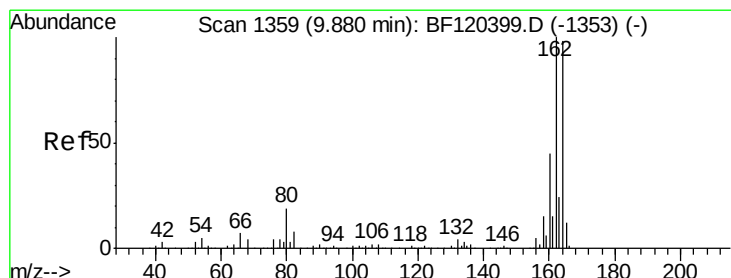
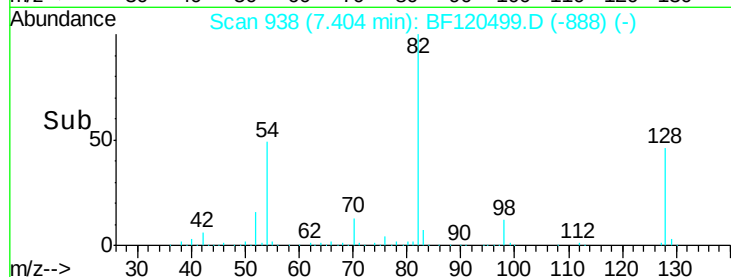
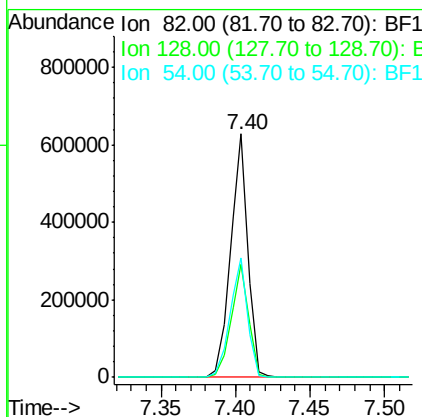
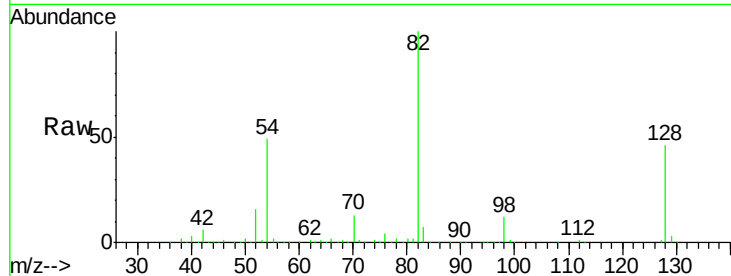
#23
 Nitrobenzene-d5
 Concen: 68.574 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Instrument :
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Tot Ion	82	Resp	516890
Ion Ratio	100	Lower	Upper
128	46.3	37.0	55.6
54	49.3	41.0	61.4

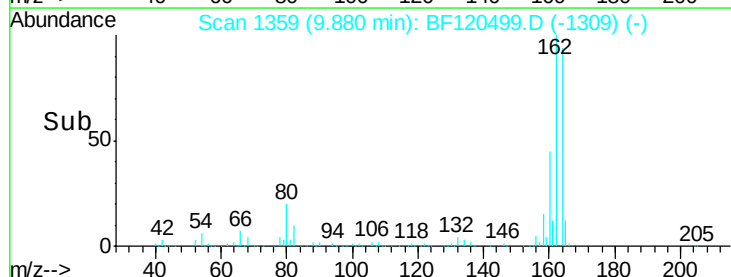
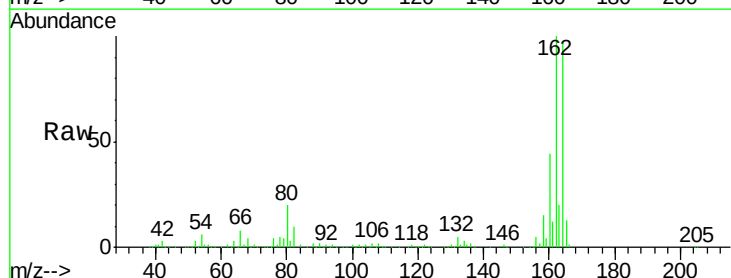
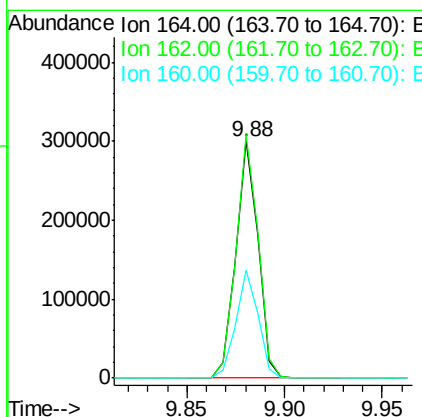
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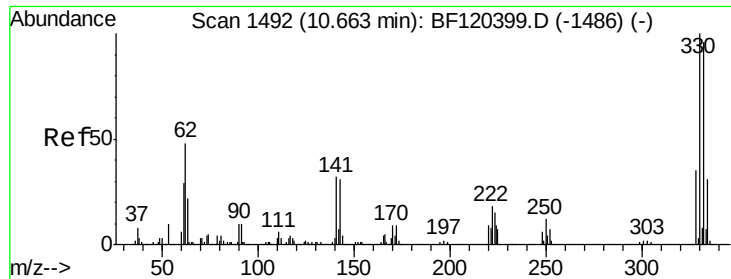
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Tgt Ion	164	Resp	236381
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.8	81.9	122.9
160	45.7	37.4	56.0





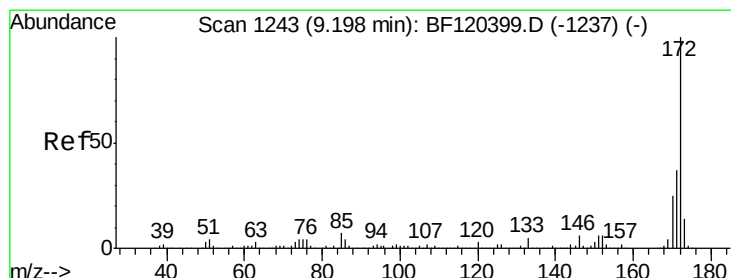
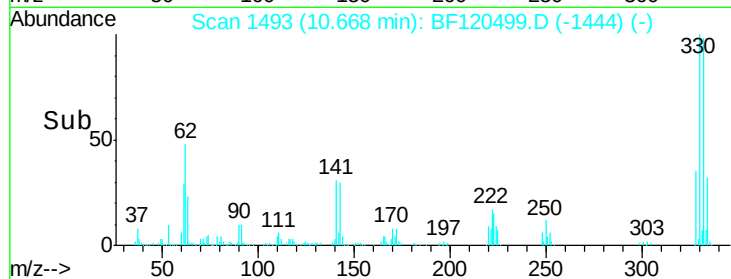
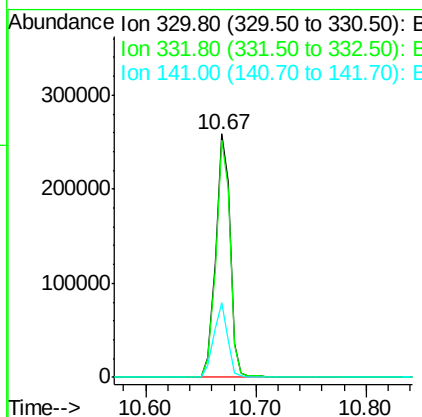
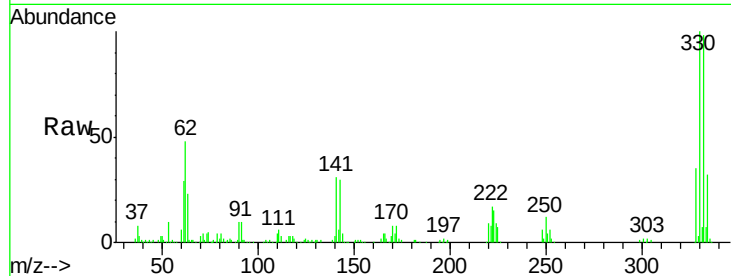
#42
 2,4,6-Tribromophenol
 Concen: 106.697 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Instrument :
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 ClientSampleId :
 NM3-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233684		
332	96.4	76.8	115.2	
141	29.6	23.9	35.9	

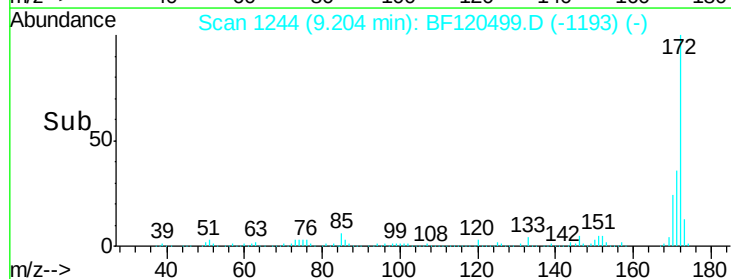
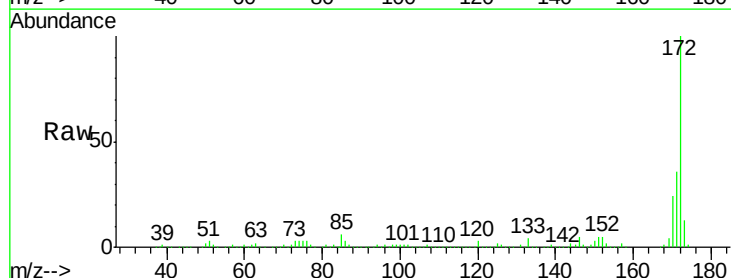
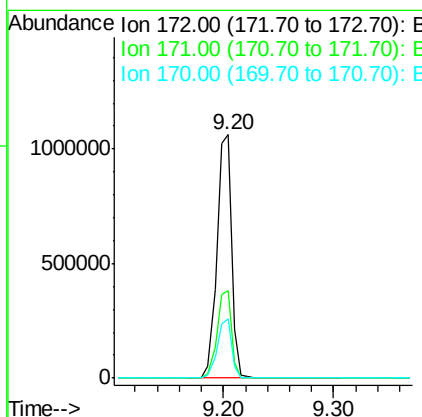
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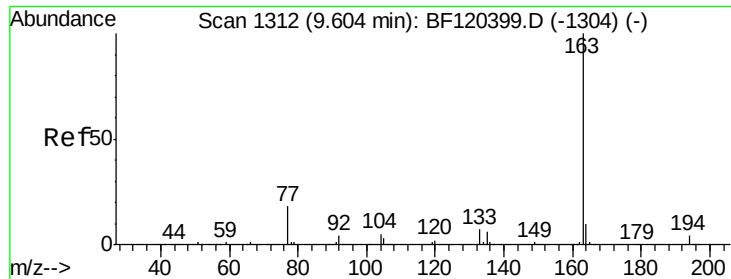
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#45
 2-Fluorobiphenyl
 Concen: 70.377 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	980485		
171	35.7	29.4	44.2	
170	24.2	19.9	29.9	





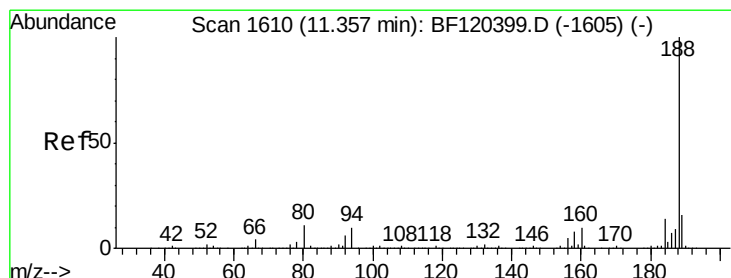
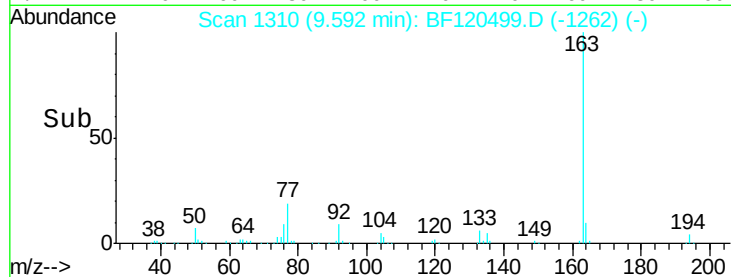
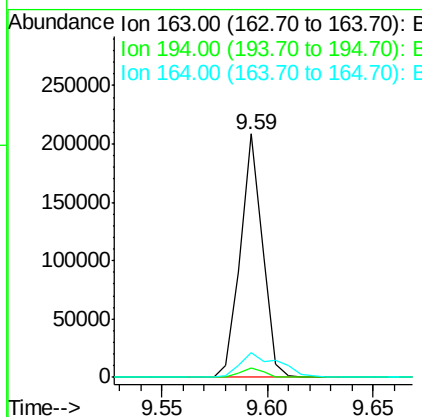
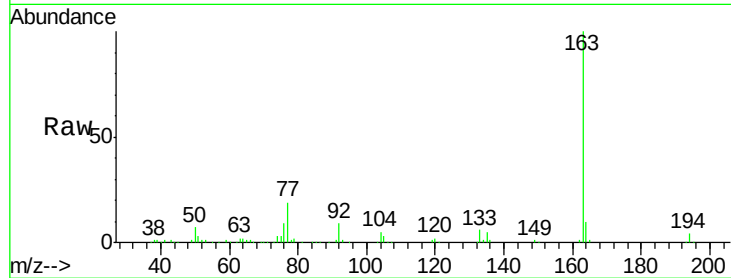
#50
Dimethylphthalate
Concen: 10.189 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	150565		
194	4.0	3.3	4.9	
164	10.3	8.2	12.2	

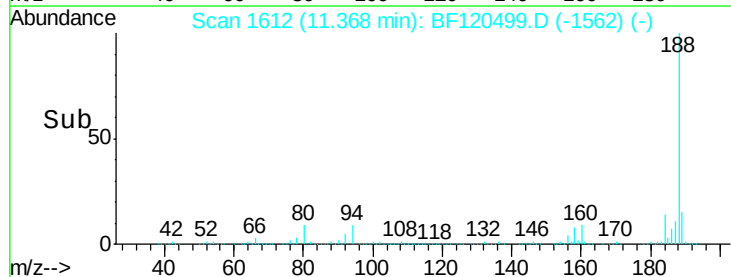
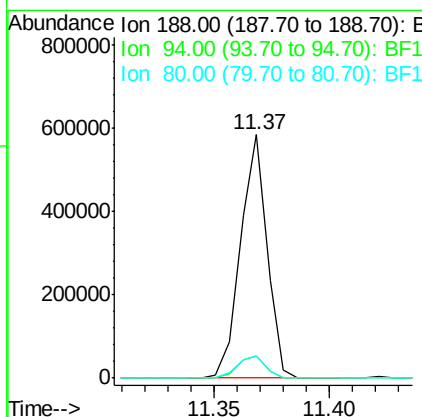
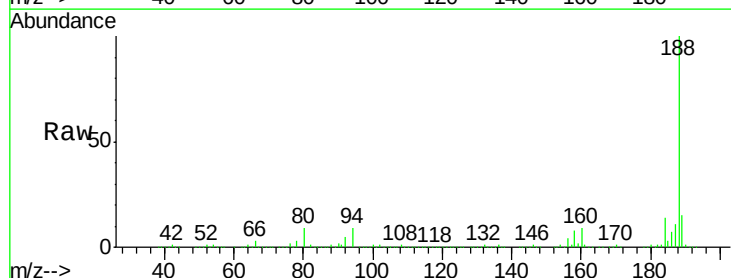
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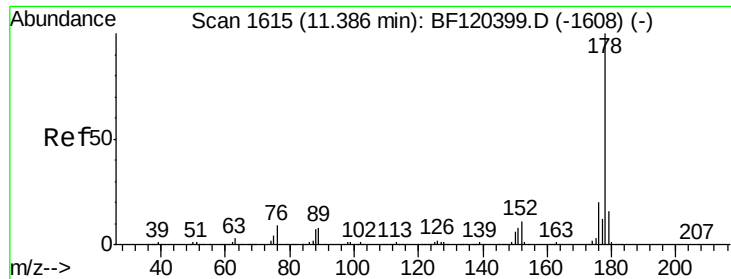
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	467293		
94	8.9	6.6	10.0	
80	9.0	7.1	10.7	





#71

Phenanthrene

Concen: 5.746 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Instrument :

BNA_F

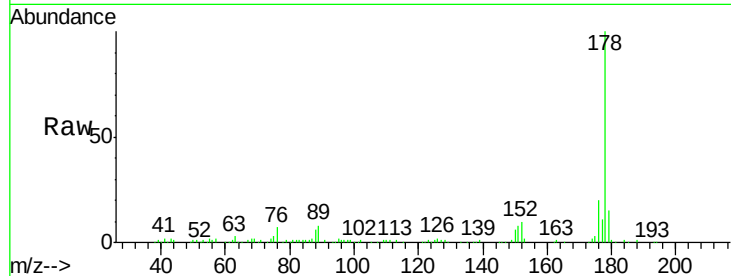
ClientSampleId :

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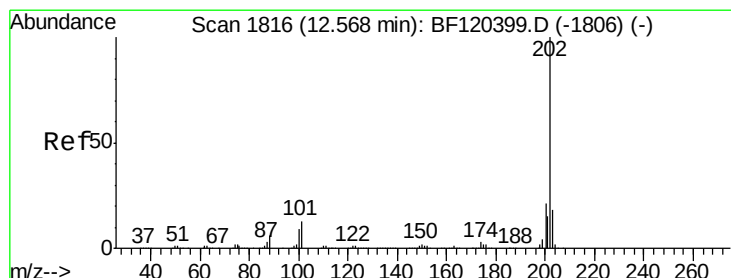
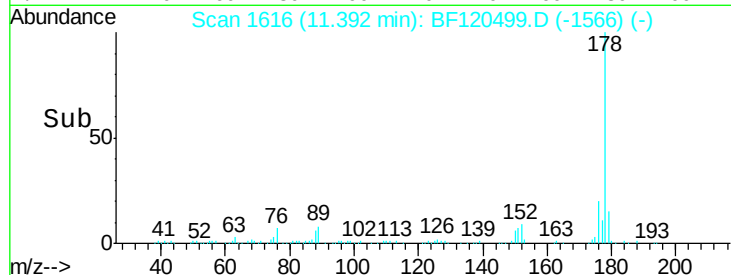
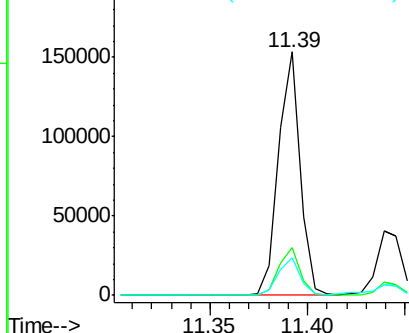
Tot Ion:	178	Resp:	118303
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.2
179	15.3	12.8	19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 12.781 ng

RT: 12.58 min Scan# 1818

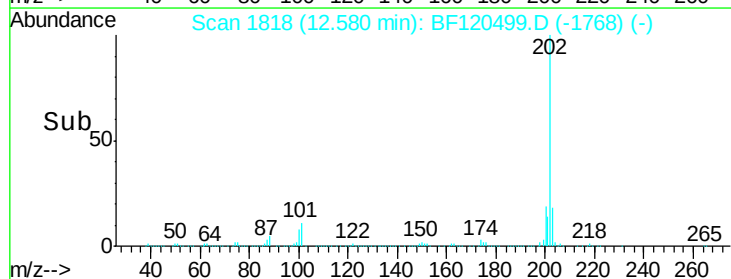
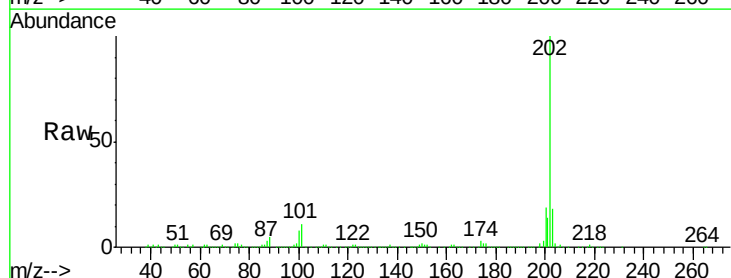
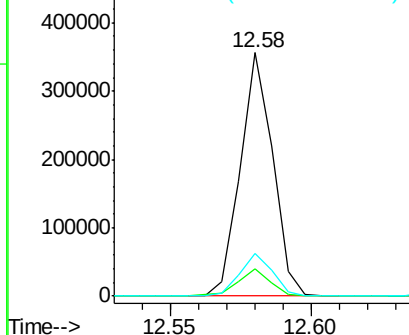
Delta R.T. -0.01 min

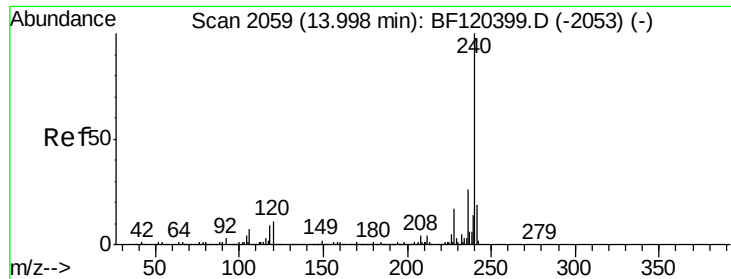
Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Tgt Ion:	202	Resp:	283161
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.4
203	17.7	0.0	38.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Instrument :

BNA_F

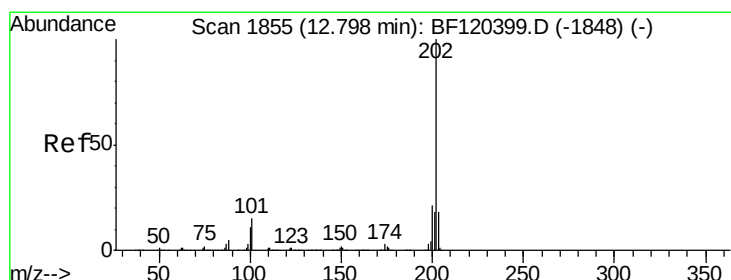
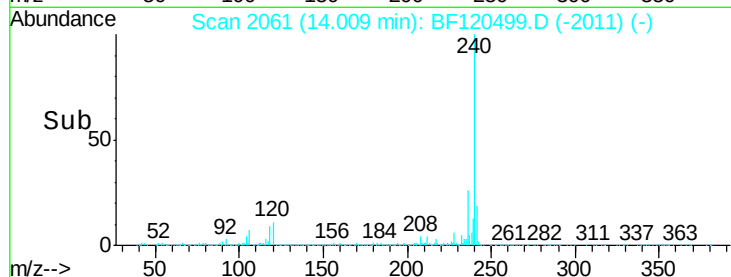
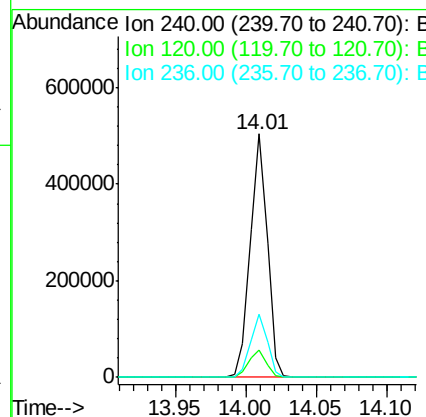
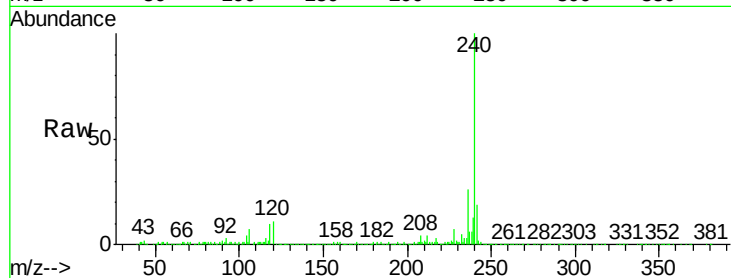
ClientSampleId :

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Tot Ion:	240	Resp:	427134
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.9	14.9
236	26.0	21.0	31.6

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#78

Pyrene

Concen: 9.398 ng

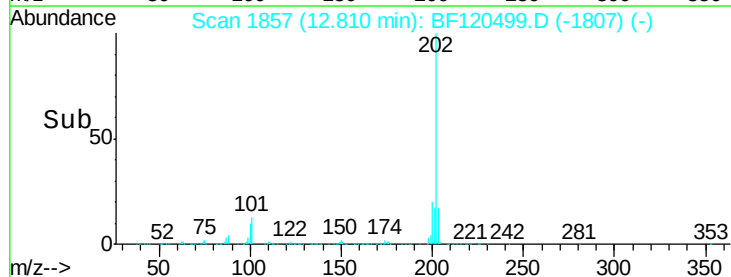
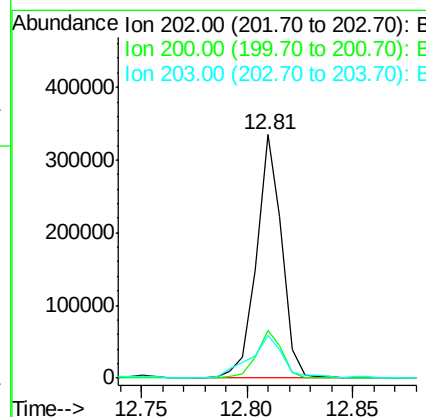
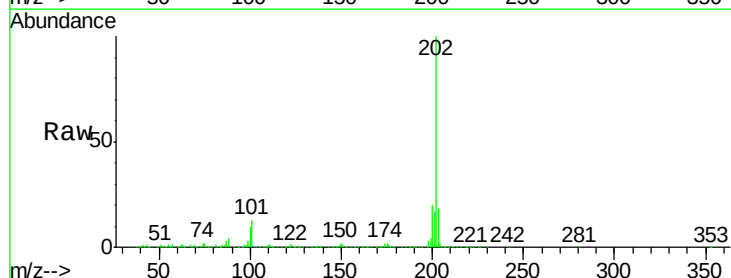
RT: 12.81 min Scan# 1857

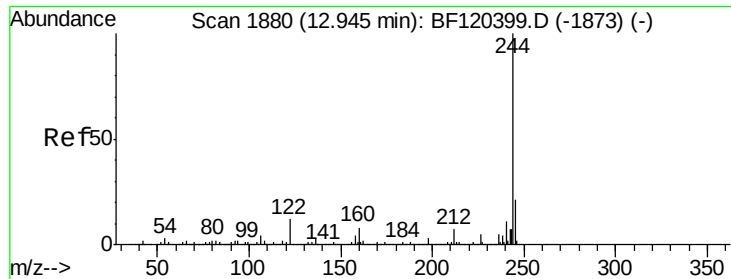
Delta R.T. -0.01 min

Lab File: BF120499.D

Acq: 2 Jun 2020 17:12

Tgt Ion:	202	Resp:	279156
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.0	25.6
203	17.6	14.6	22.0





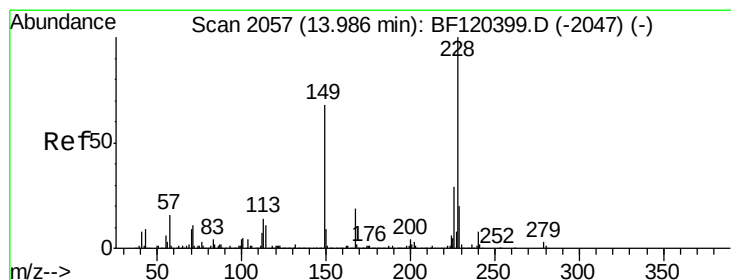
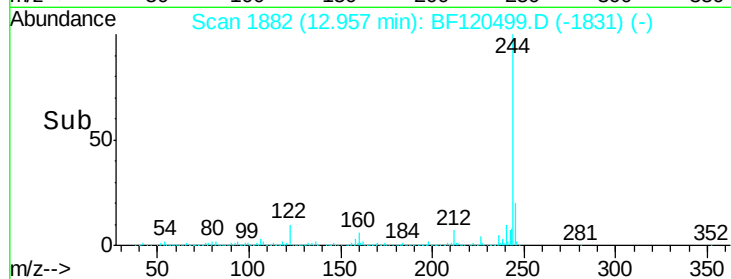
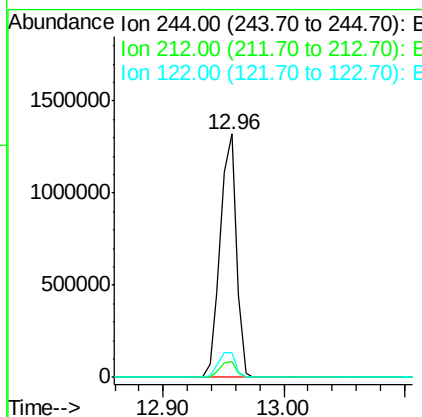
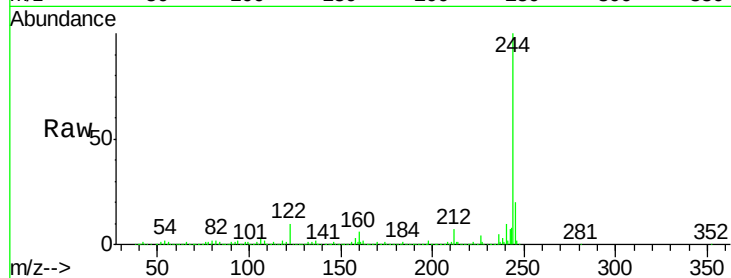
#79
 Terphenyl-d14
 Concen: 63.149 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.2	8.7	13.1

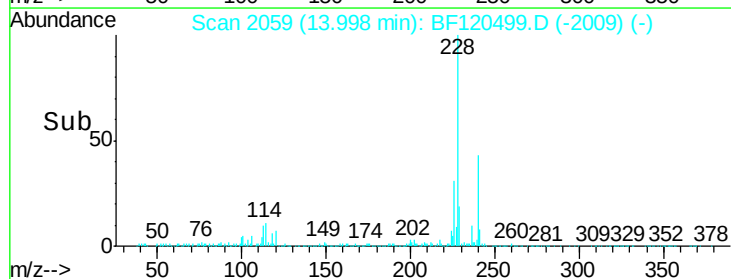
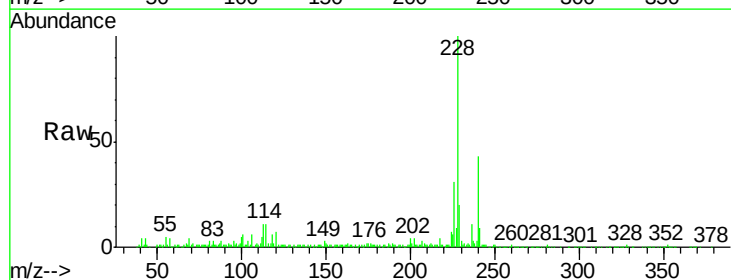
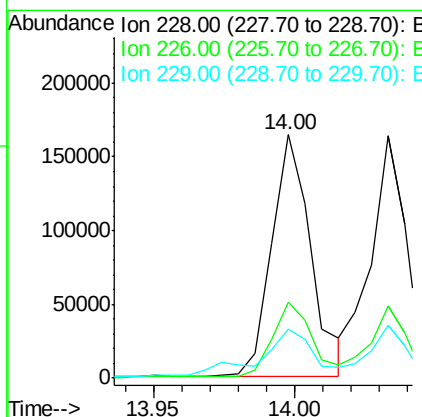
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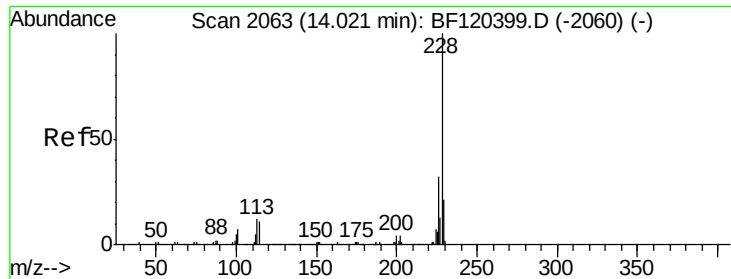
mohammad
 6/3/2020 4:36:15 PM



#81
 Benzo(a)anthracene
 Concen: 6.930 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.9	34.3
229	20.1	16.3	24.5





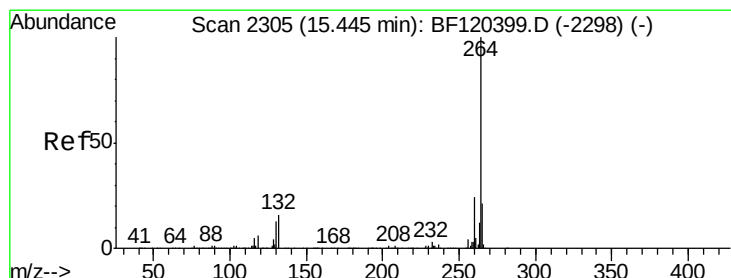
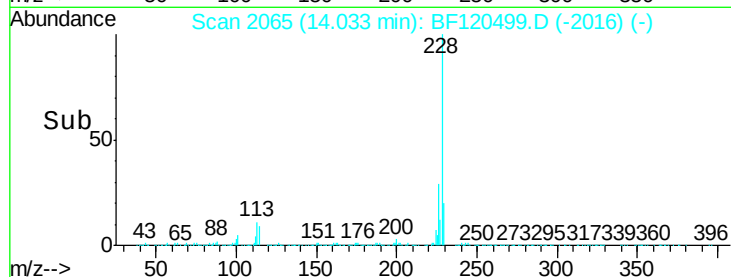
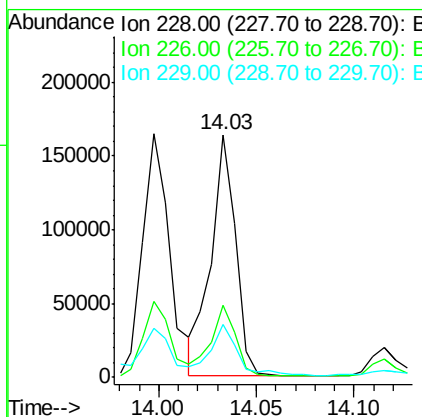
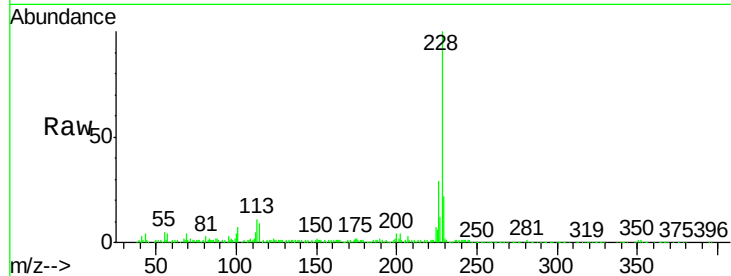
#83
Chrysene
Concen: 5.990 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-2020-0-6

Tot Ion:	228	Resp:	143753
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.7	38.5
229	21.7	16.4	24.6

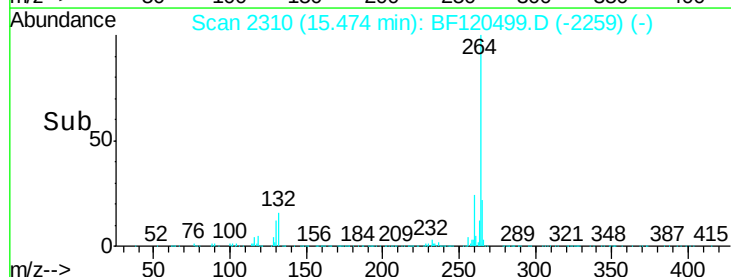
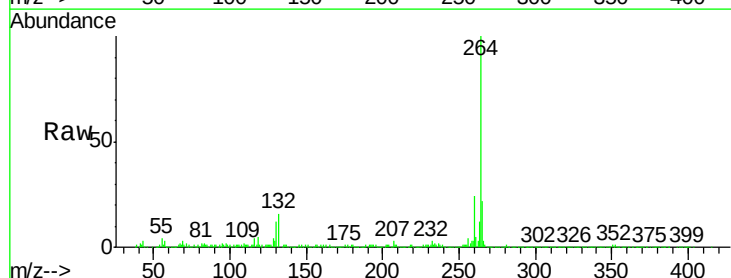
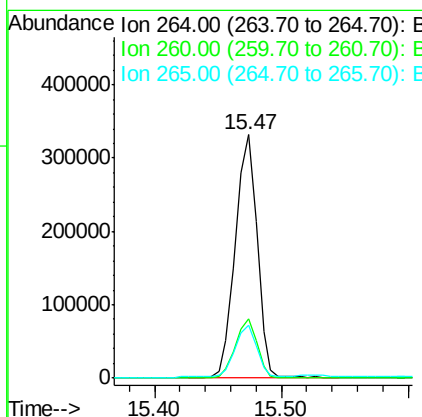
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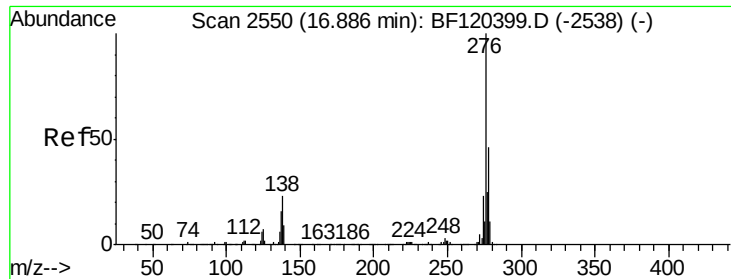
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Tgt Ion:	264	Resp:	391939
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	22.0	17.6	26.4





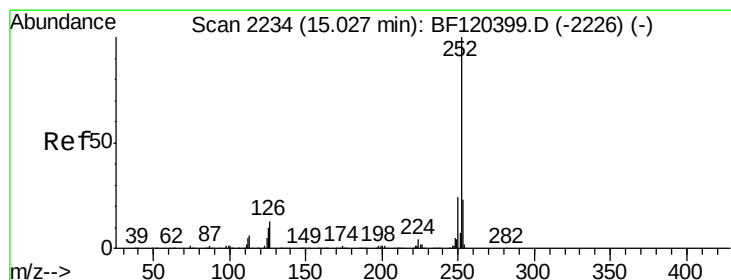
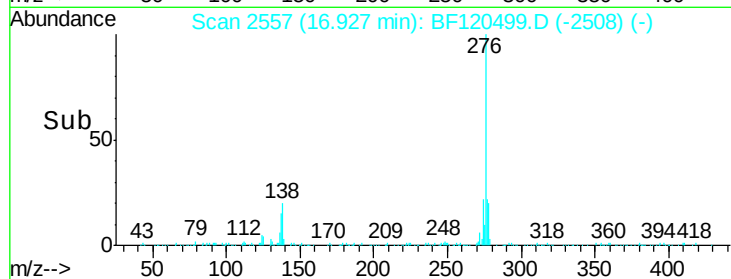
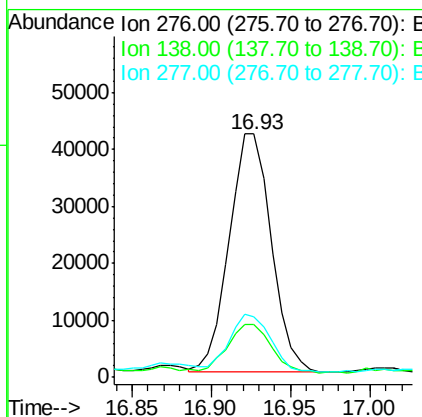
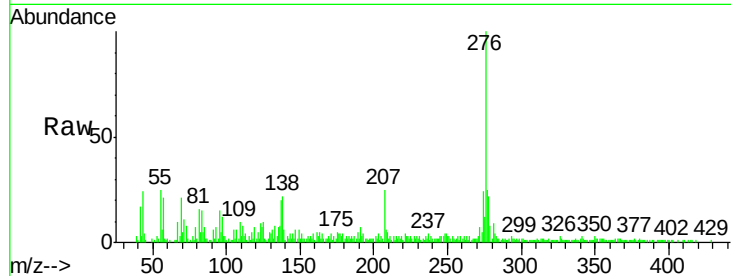
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.602 ng
 RT: 16.93 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.3	28.9
277	24.0	20.7	31.1

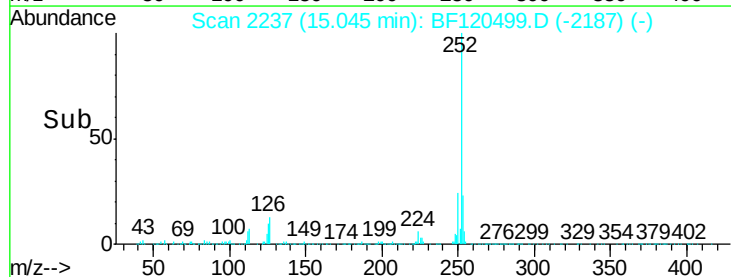
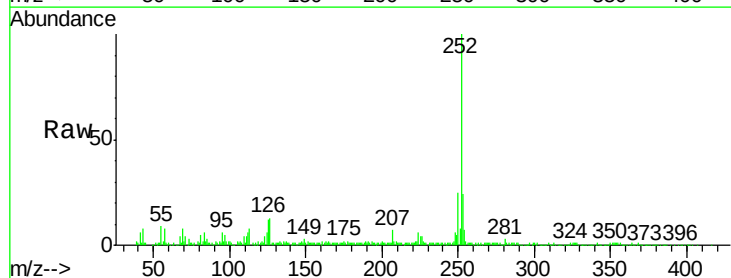
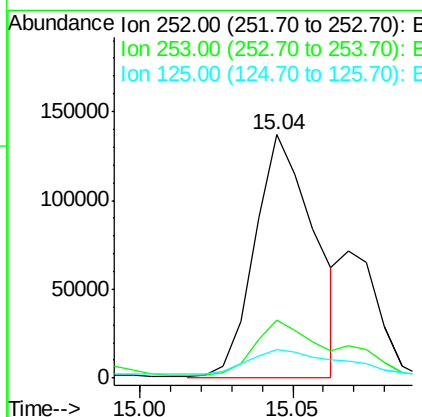
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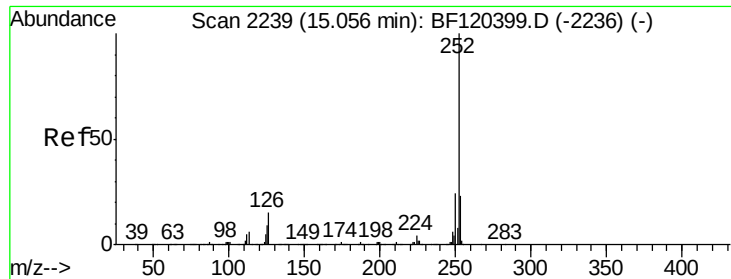
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 8.568 ng m
 RT: 15.04 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.8	8.2	12.4





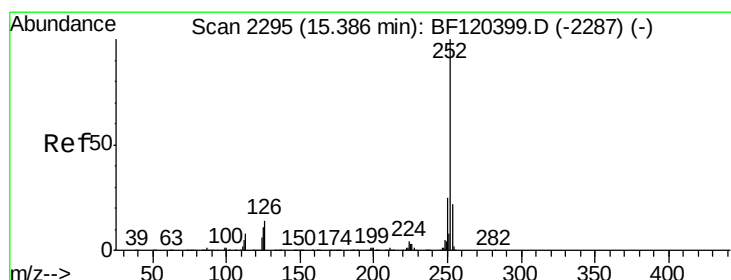
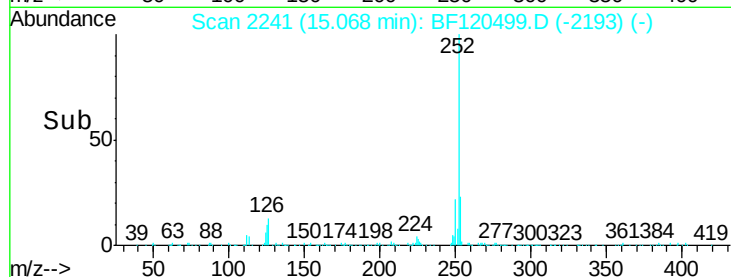
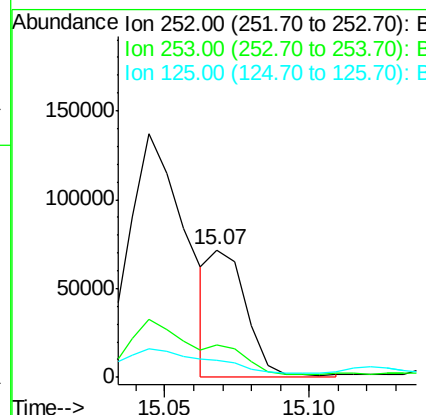
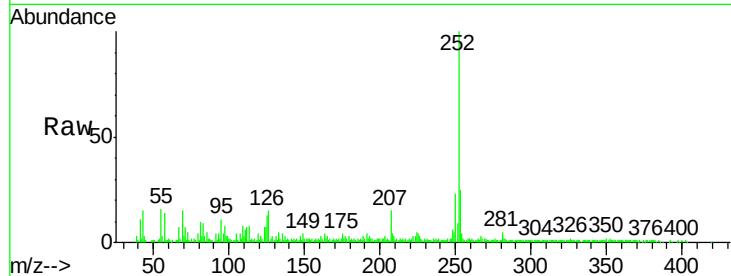
#89
Benzo(k)fluoranthene
Concen: 3.091 ng m
RT: 15.07 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Instrument :
BNA_F
ClientSampleId :
NM3-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	13.3	7.1	10.7

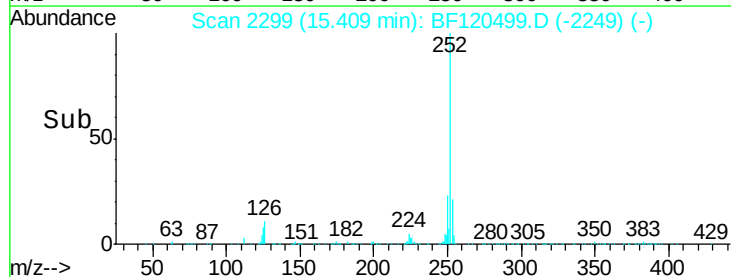
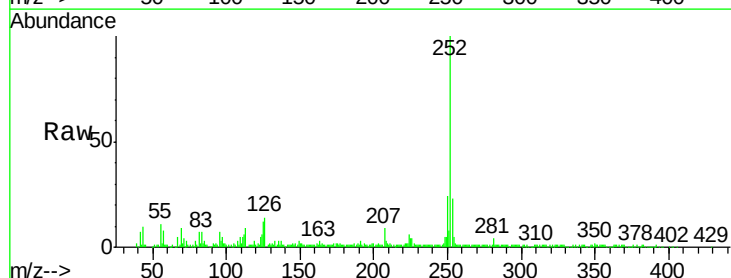
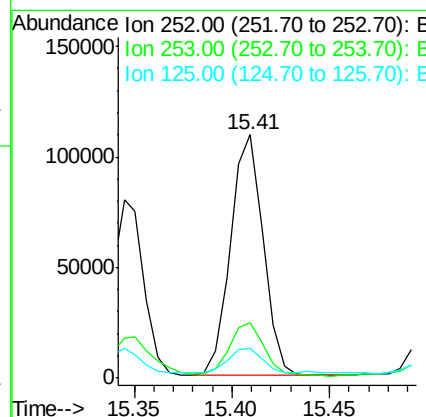
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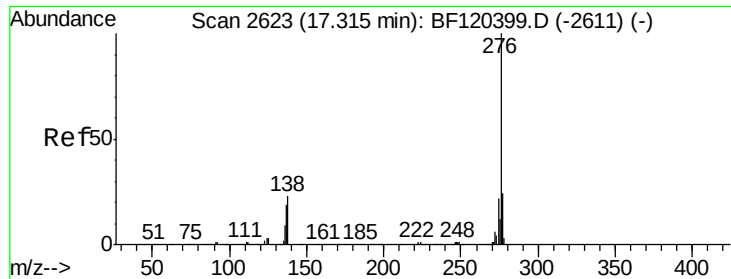
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#90
Benzo(a)pyrene
Concen: 6.666 ng
RT: 15.41 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF120499.D
Acq: 2 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.5	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 4.394 ng
 RT: 17.37 min Scan# 2632
 Delta R.T. -0.01 min
 Lab File: BF120499.D
 Acq: 2 Jun 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :
 NM3-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	26.8	18.8	28.2		
138	23.3	16.8	25.2		

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