

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120496.D
 Acq On : 2 Jun 2020 15:50
 Operator : JU/CG
 Sample : L2773-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 03:53:52 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	149322	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	480542	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	217436	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	424317	20.00	ng	0.00
76) Chrysene-d12	14.02	240	410036	20.00	ng	0.00
86) Perylene-d12	15.47	264	368798	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	713458	91.06	ng	0.00
7) Phenol-d6	6.47	99	834743	86.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	504972	68.74	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	202900	100.71	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	906670	70.75	ng	0.00
79) Terphenyl-d14	12.96	244	1135441	61.62	ng	0.00

Target Compounds				Qvalue		
49) Acenaphthylene	9.75	152	108479	5.968	ng	98
50) Dimethylphthalate	9.59	163	178724	13.148	ng	99
58) Fluorene	10.43	166	31541	2.550	ng	99
71) Phenanthrene	11.39	178	686435	36.714	ng	99
72) Anthracene	11.45	178	194937	10.392	ng	98
73) Carbazole	11.60	167	56975	3.140	ng	99
75) Fluoranthene	12.59	202	1311335	65.183	ng	99
78) Pyrene	12.82	202	1235916	43.342	ng	99
81) Benzo(a)anthracene	14.00	228	717446	32.647	ng	95
83) Chrysene	14.04	228	565736	24.556	ng	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	293684	14.560	ng	95
88) Benzo(b)fluoranthene	15.05	252	700121m	34.179	ng	
89) Benzo(k)fluoranthene	15.07	252	237514m	12.420	ng	
90) Benzo(a)pyrene	15.42	252	490841	27.394	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	69504	4.226	ng	# 81
92) Benzo(g,h,i)perylene	17.37	276	273282	16.849	ng	99

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

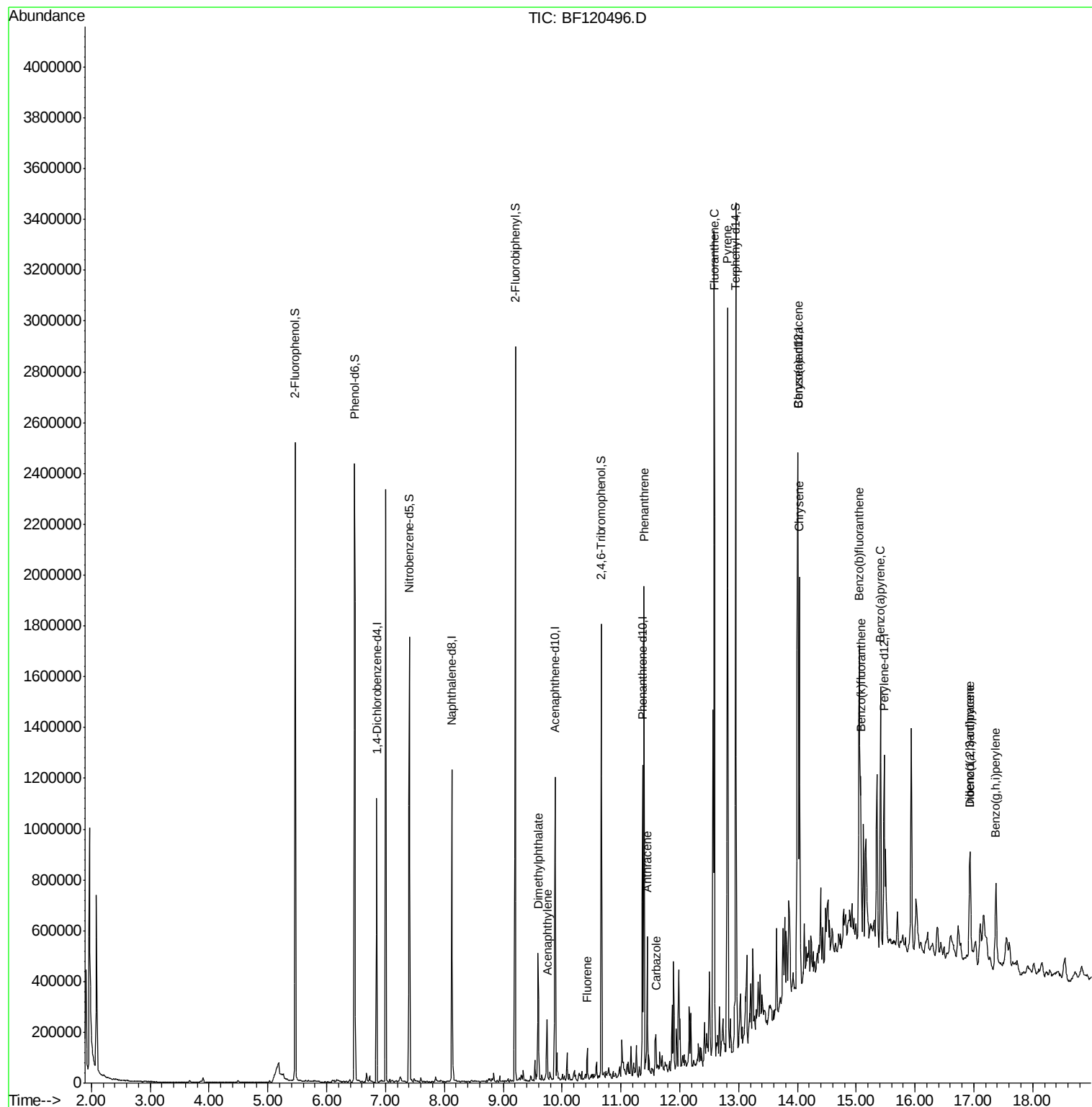
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
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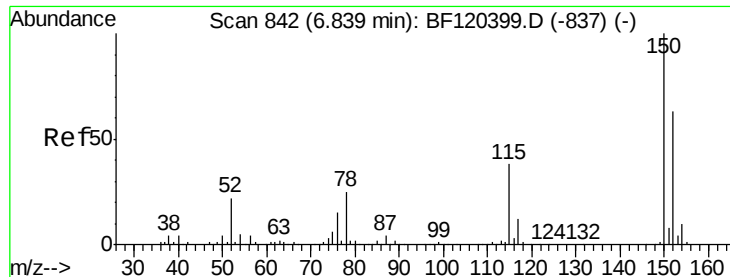
Instrument :
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NM113-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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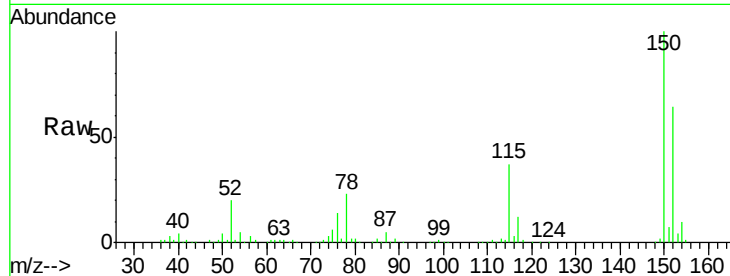
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.7	190.1
115	57.6	46.2	69.2

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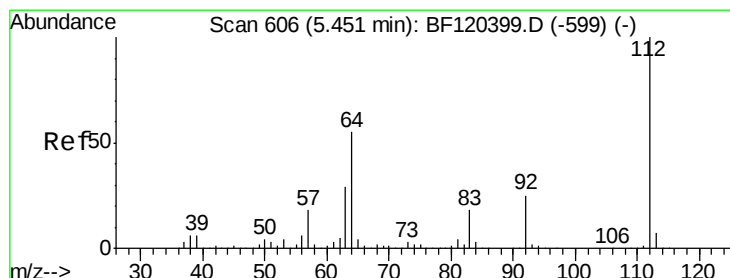
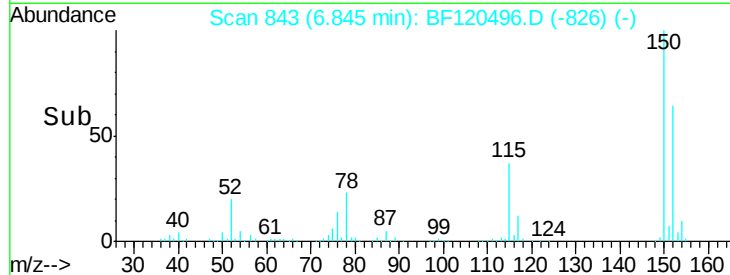
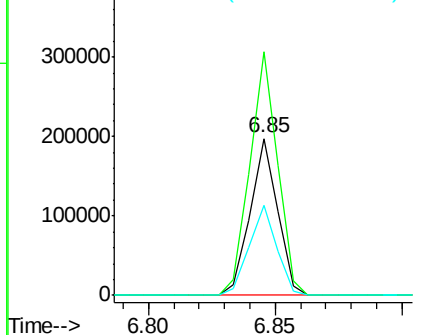


Abundance

Ion 152.00 (151.70 to 152.70): E

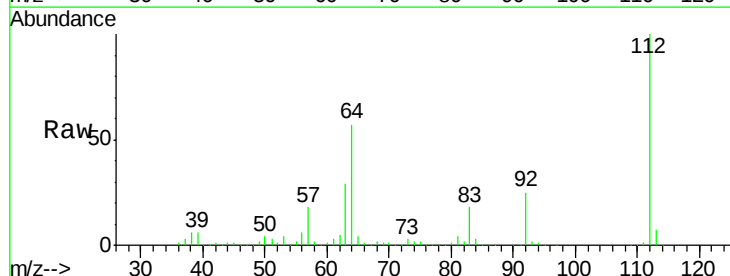
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 91.056 ng
 RT: 5.46 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.3	69.5
63	29.2	24.2	36.2

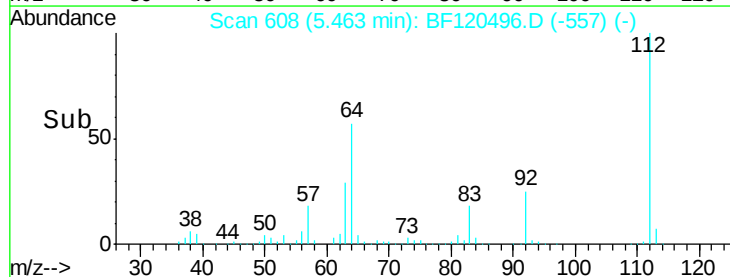
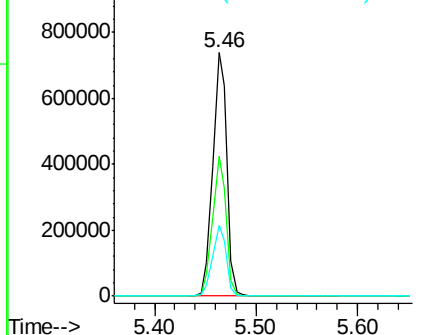


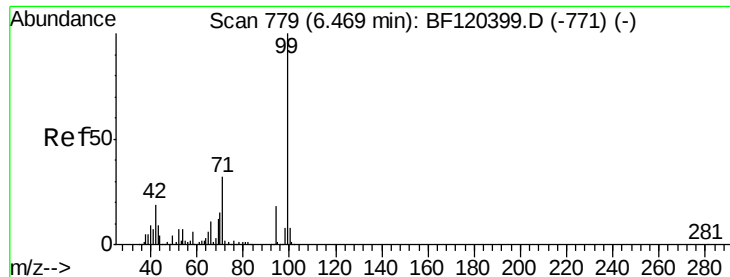
Abundance

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: 86.434 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Instrument :

BNA_F

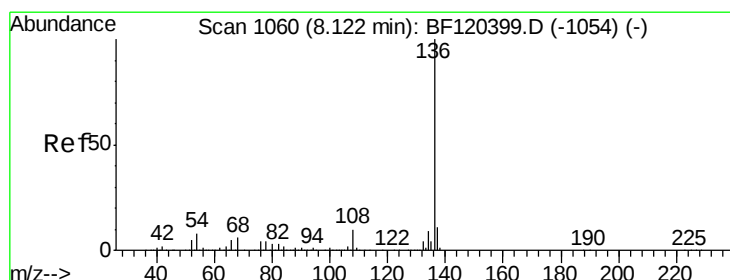
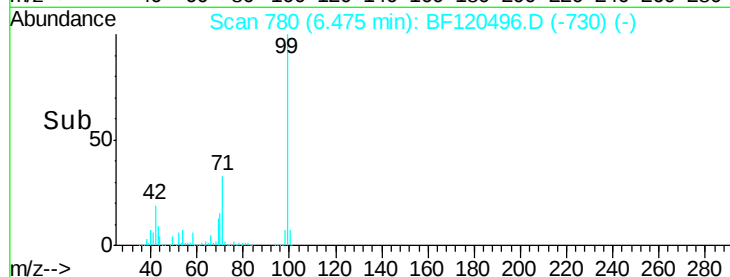
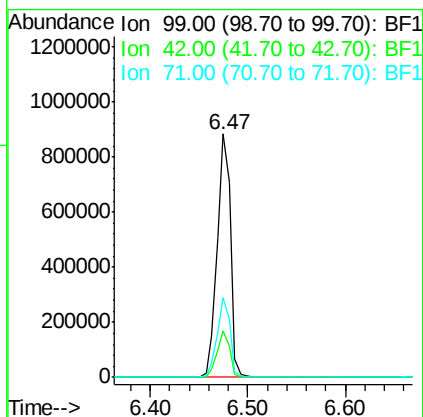
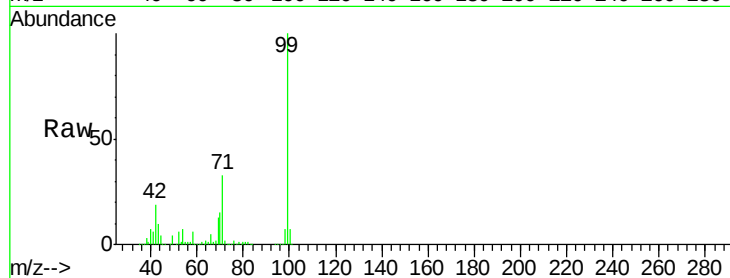
ClientSampleId :

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Tot Ion:	99	Resp:	834743
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	32.8	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

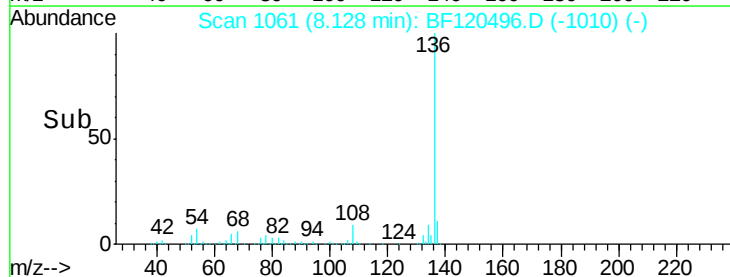
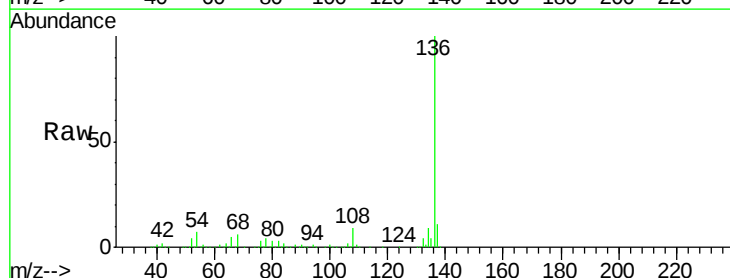
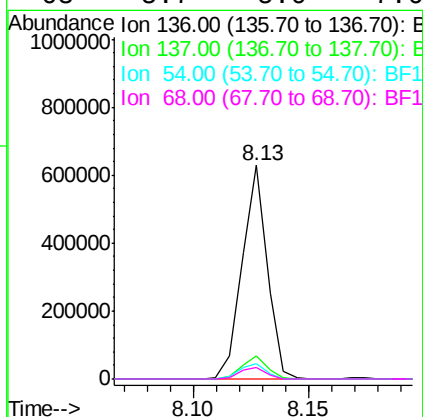
RT: 8.13 min Scan# 1061

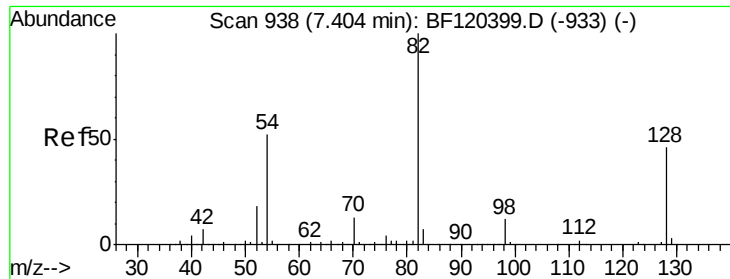
Delta R.T. -0.00 min

Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Tgt Ion:	136	Resp:	480542
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.4	6.2	9.4
68	5.7	5.0	7.6





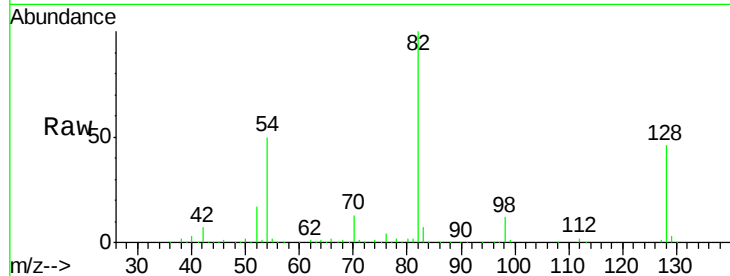
#23
Nitrobenzene-d5
Concen: 68.739 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

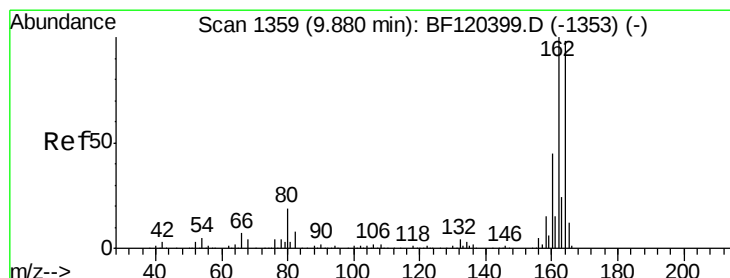
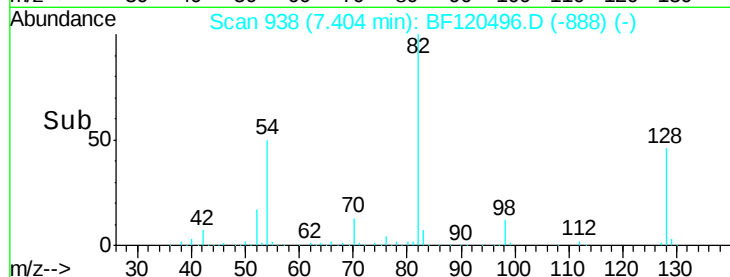
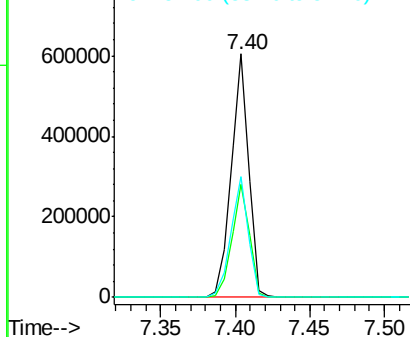
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.6
54	49.6	41.0	61.4

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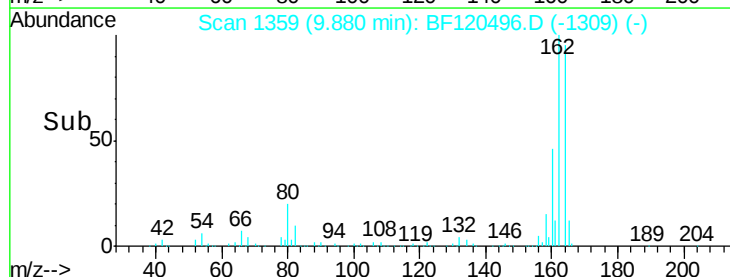
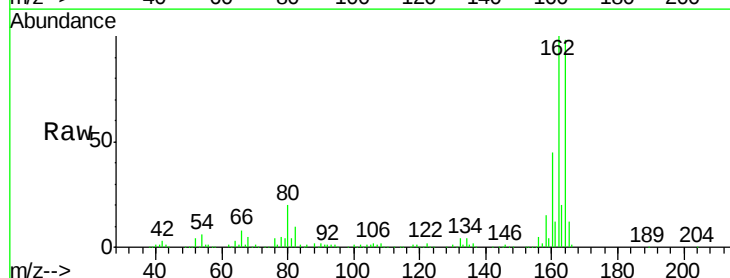
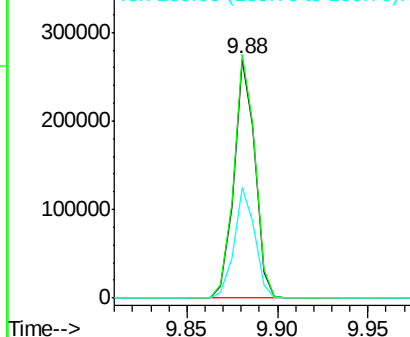
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

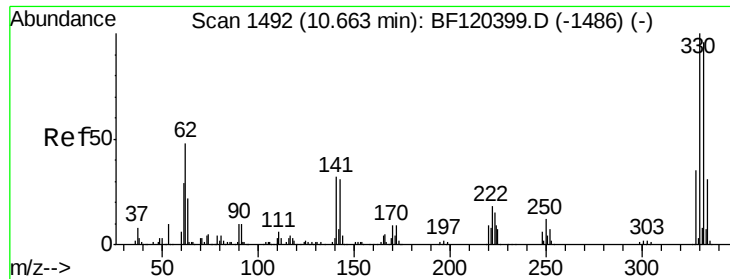


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.9	122.9
160	46.3	37.4	56.0

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: 100.713 ng

RT: 10.67 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Instrument :

BNA_F

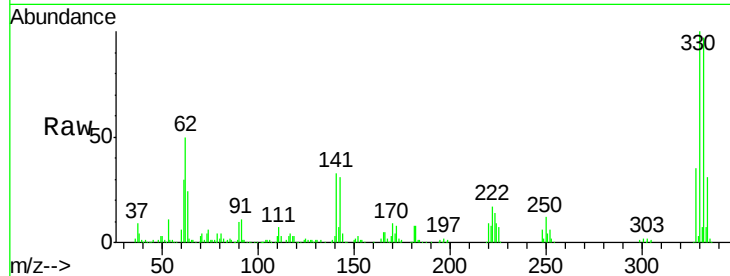
ClientSampleId :

NM113-COMP-2020-0-6

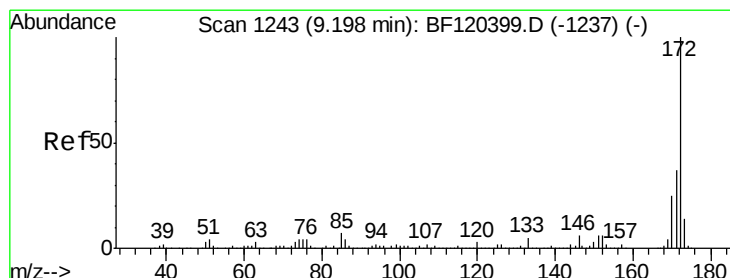
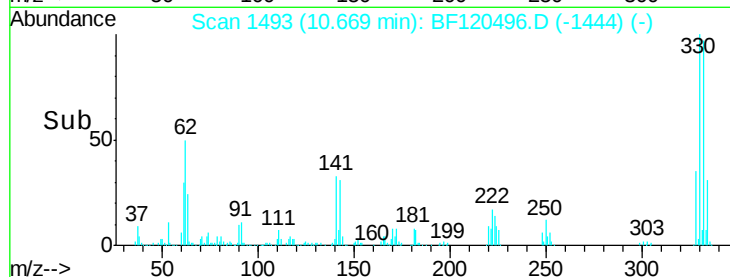
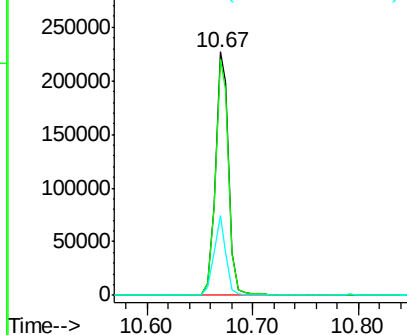
Tot Ion:	330	Resp:	202900
Ion Ratio		Lower	Upper
330	100		
332	96.7	76.8	115.2
141	30.3	23.9	35.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 70.749 ng

RT: 9.20 min Scan# 1244

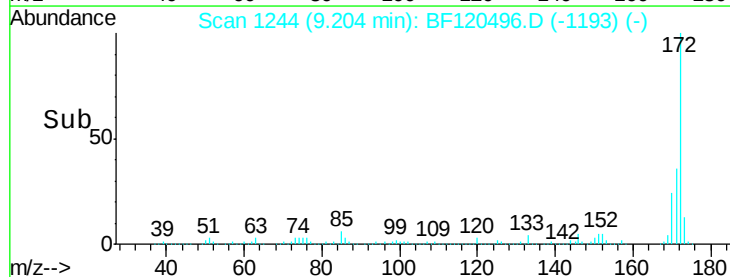
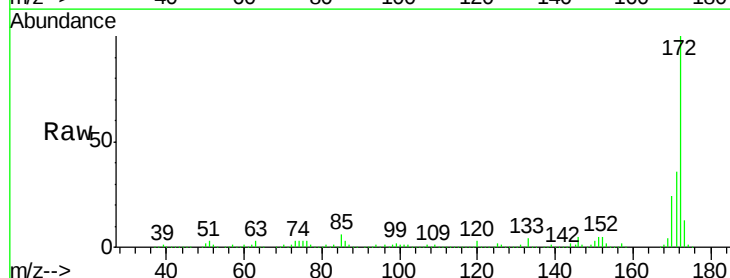
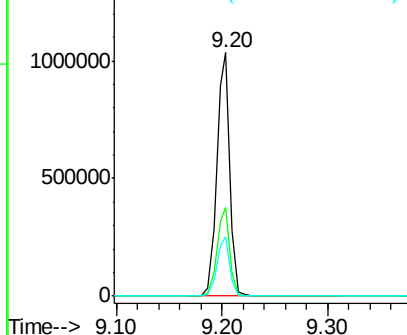
Delta R.T. -0.00 min

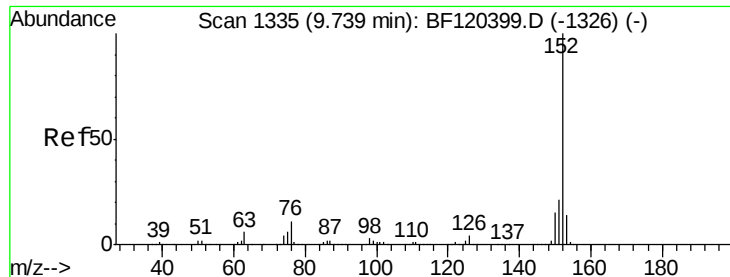
Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Tgt Ion:	172	Resp:	906670
Ion Ratio		Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.2	19.9	29.9

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





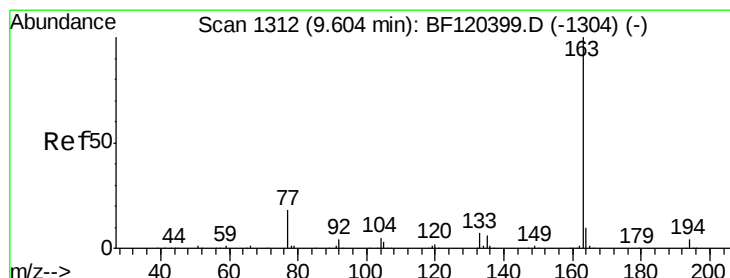
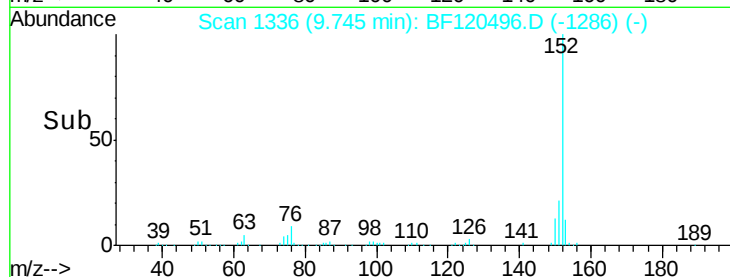
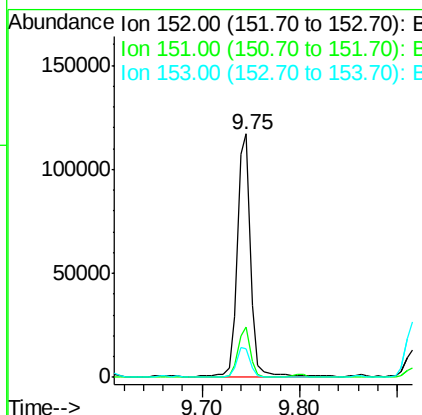
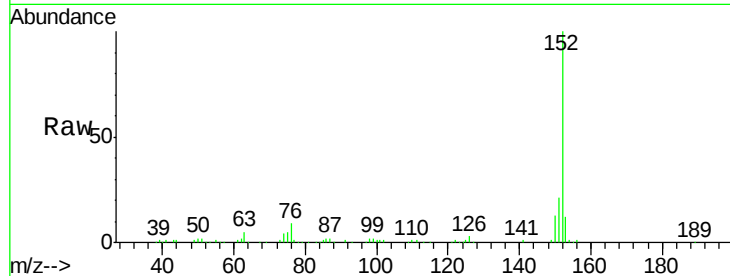
#49
Acenaphthylene
Concen: 5.968 ng
RT: 9.75 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	11.9	10.9	16.3

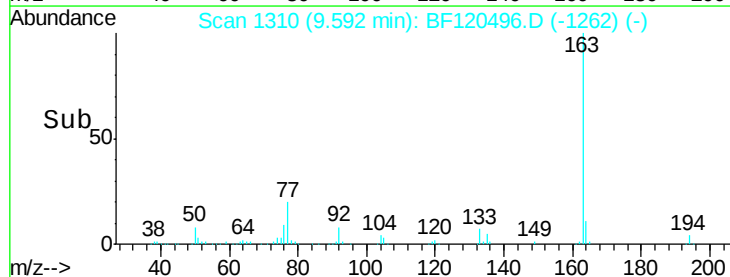
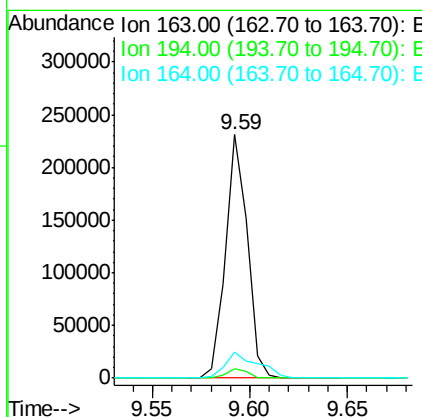
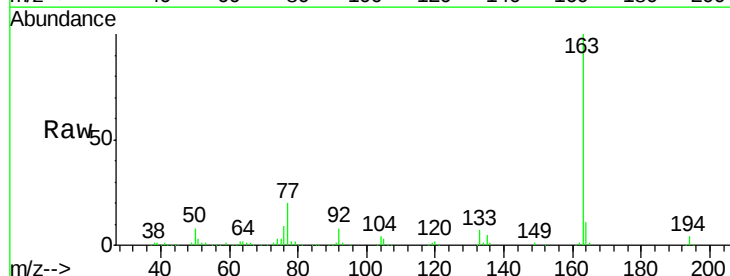
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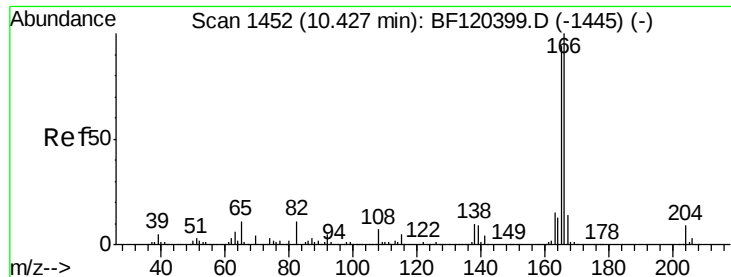
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#50
Dimethylphthalate
Concen: 13.148 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.7	8.2	12.2





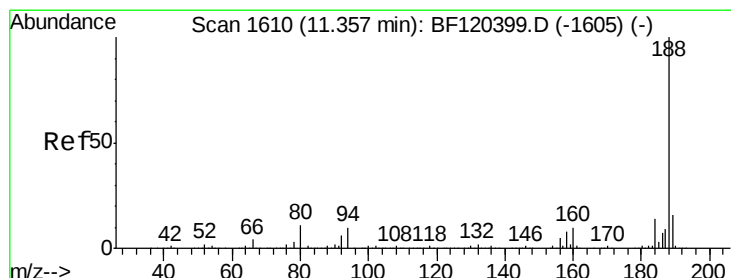
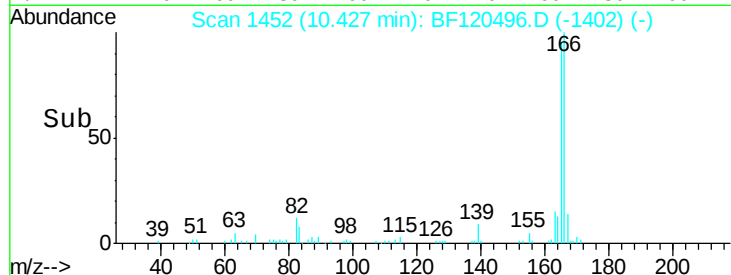
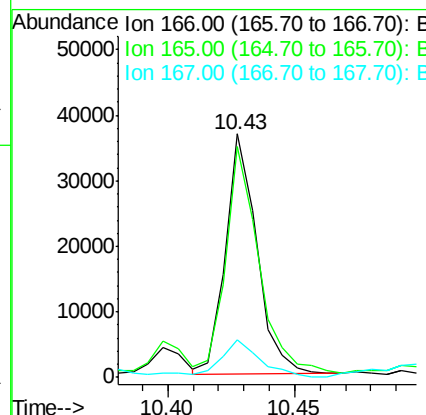
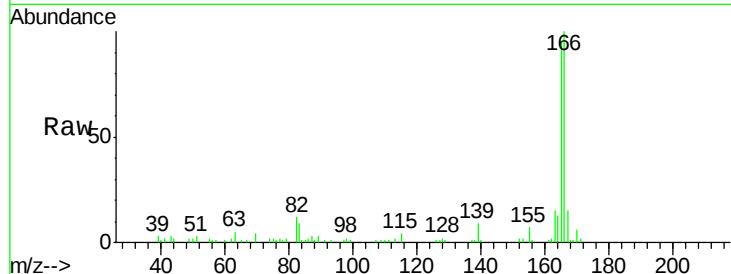
#58
 Fluorene
 Concen: 2.550 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		31541		
165	94.7	76.2	114.2		
167	15.3	11.2	16.8		

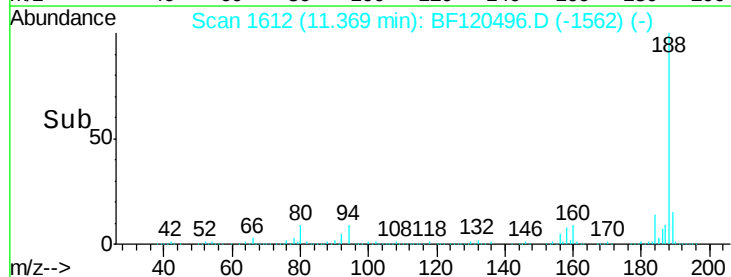
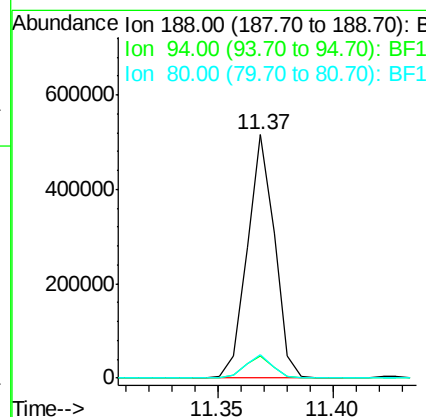
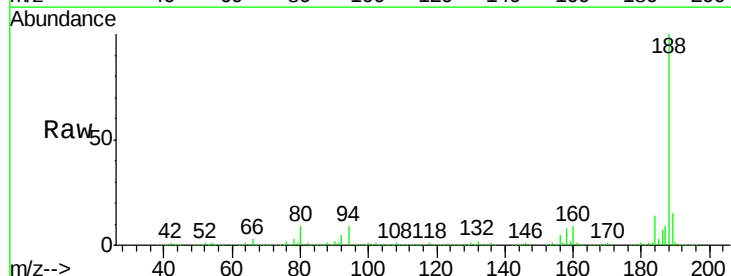
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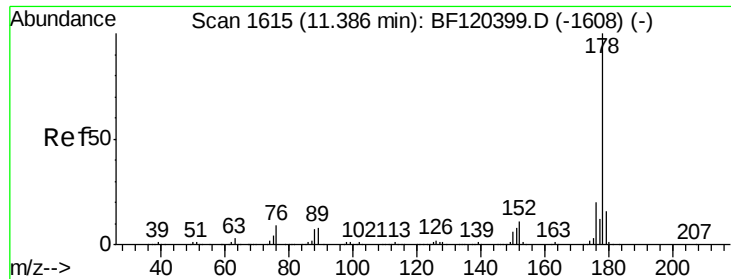
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		424317		
94	9.1	6.6	10.0		
80	9.4	7.1	10.7		





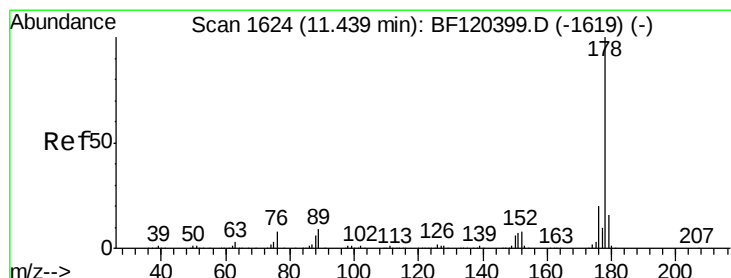
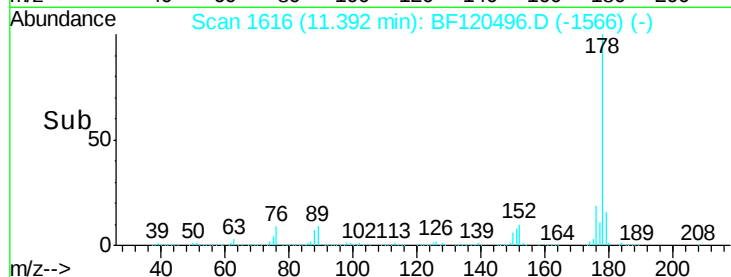
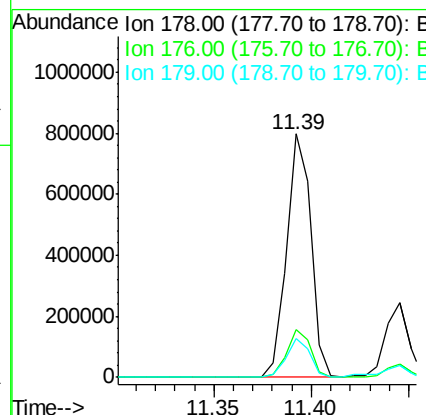
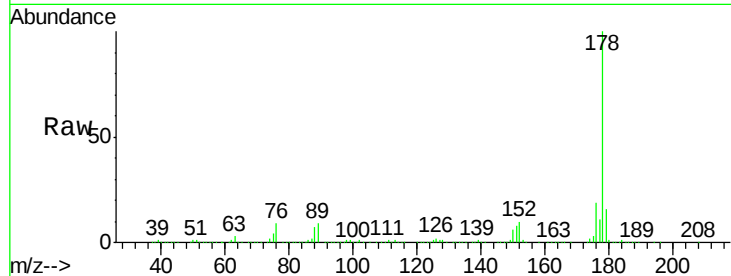
#71
Phenanthrene
Concen: 36.714 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.8	12.8	19.2

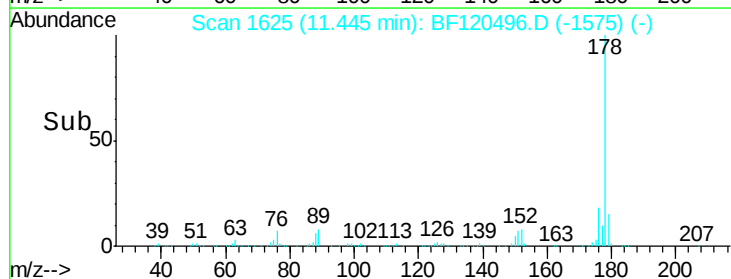
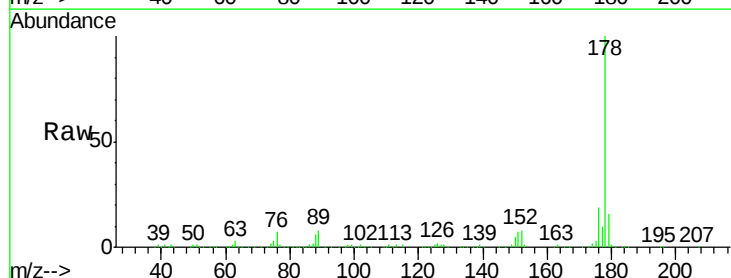
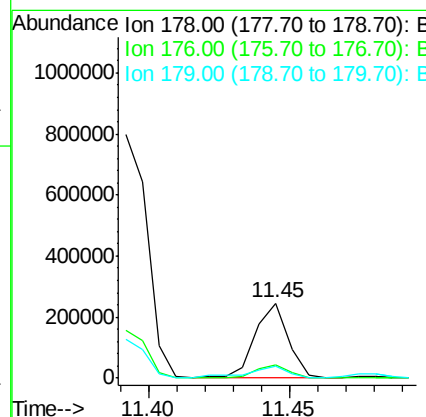
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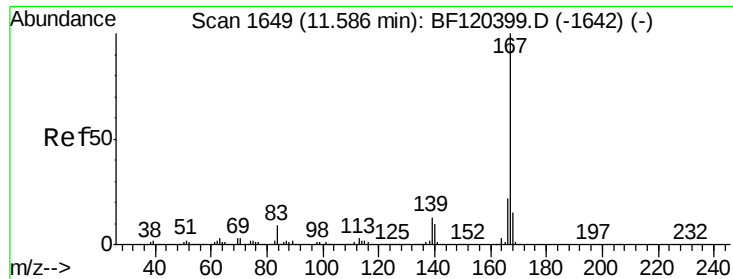
mohammad
6/3/2020 4:36:05 PM



#72
Anthracene
Concen: 10.392 ng
RT: 11.45 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.5	12.7	19.1





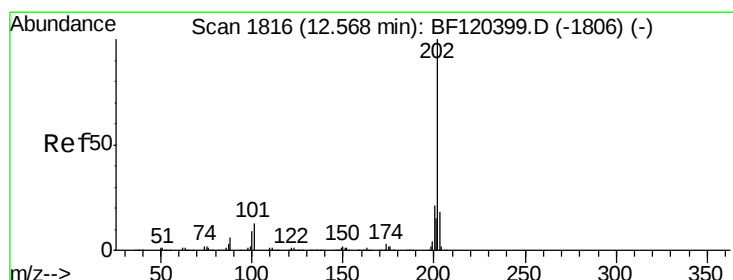
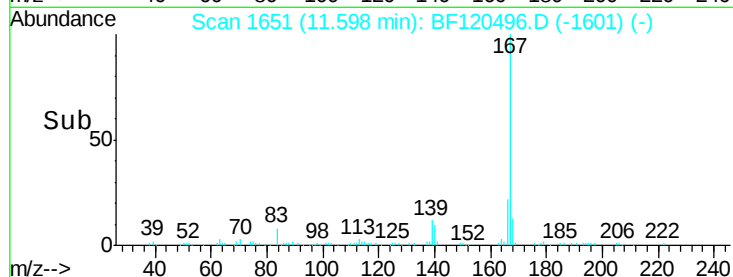
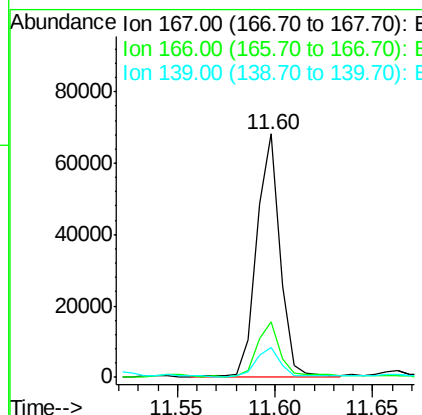
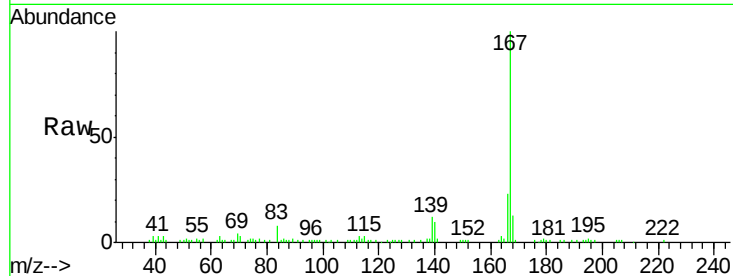
#73
 Carbazole
 Concen: 3.140 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	12.3	10.3	15.5

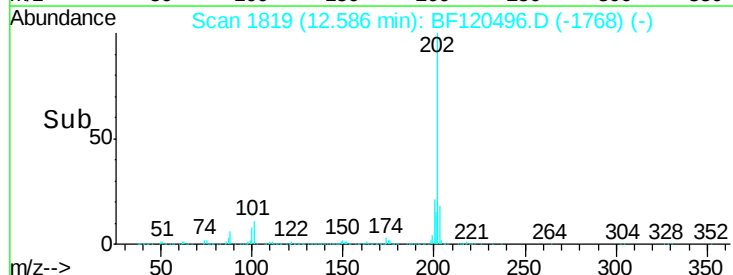
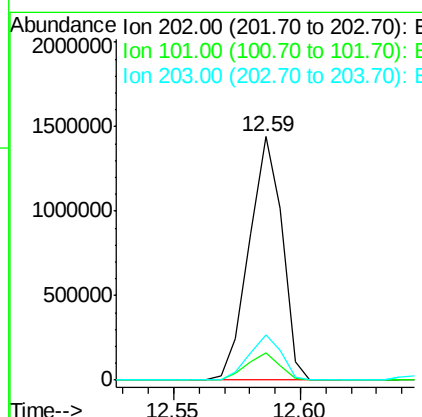
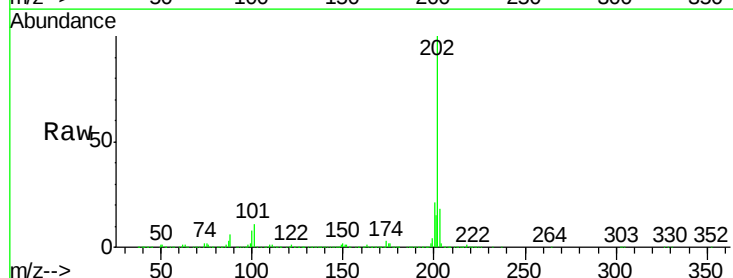
Manual Integrations
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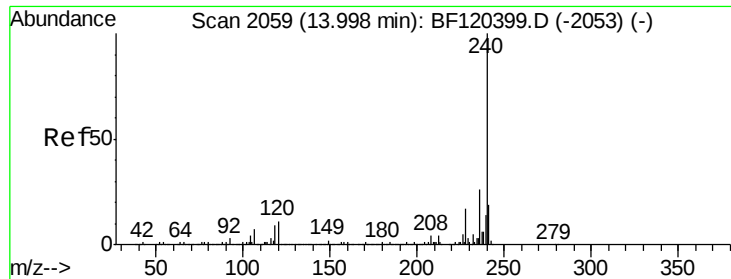
mohammad
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#75
 Fluoranthene
 Concen: 65.183 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	18.5	0.0	38.8





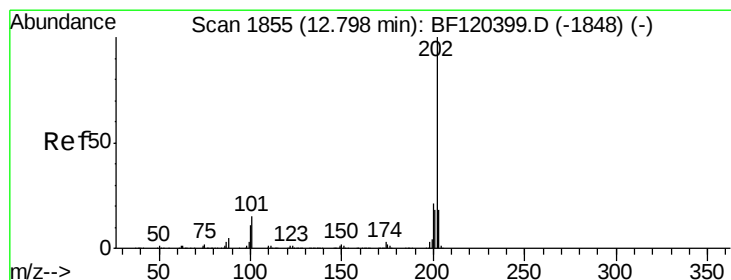
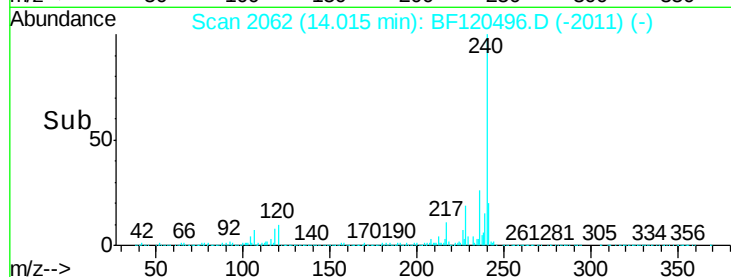
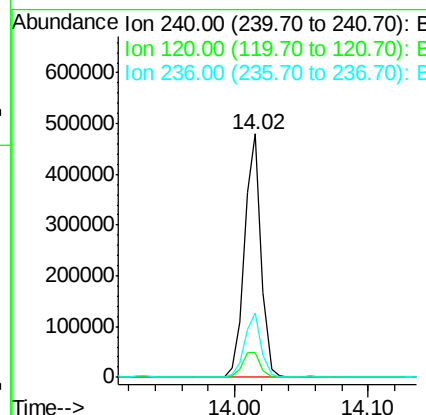
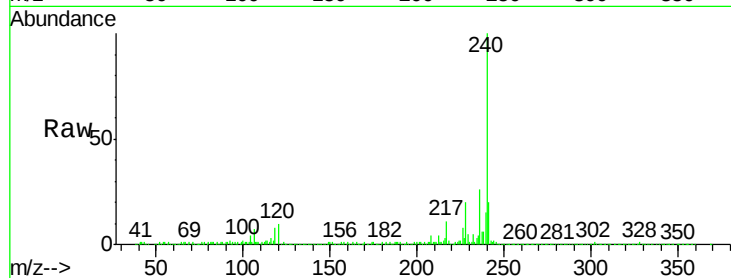
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.9	14.9
236	26.3	21.0	31.6

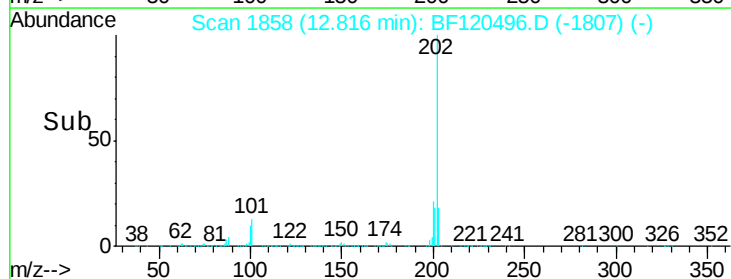
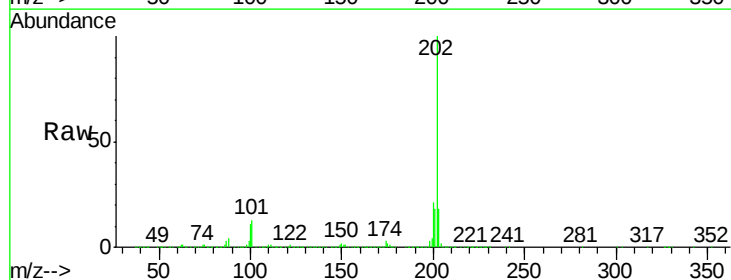
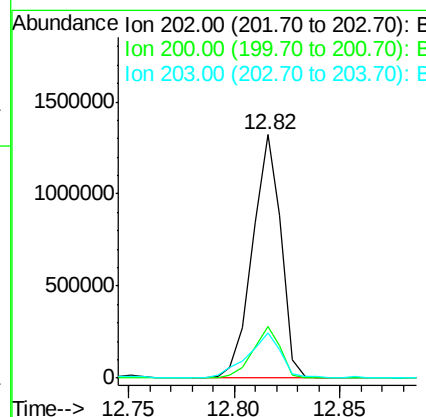
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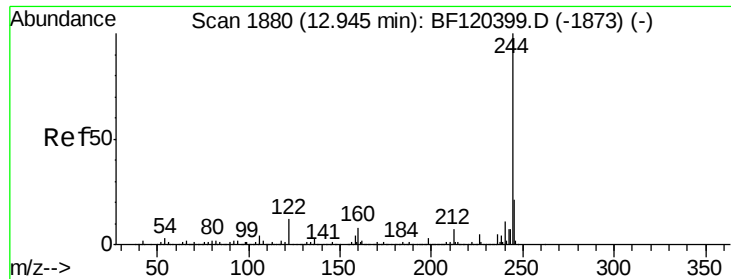
mohammad
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#78
Pyrene
Concen: 43.342 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.4	14.6	22.0





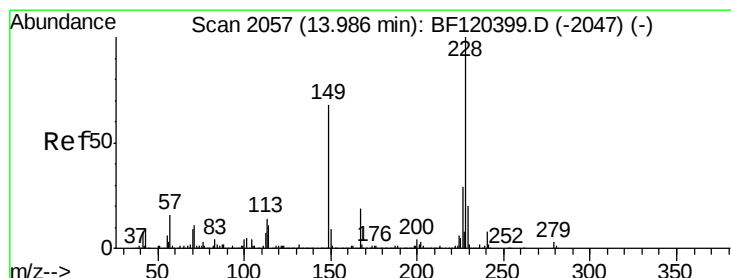
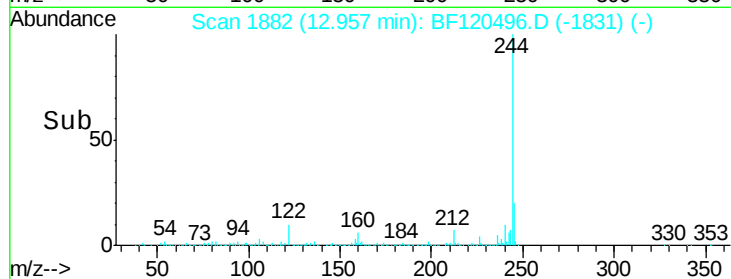
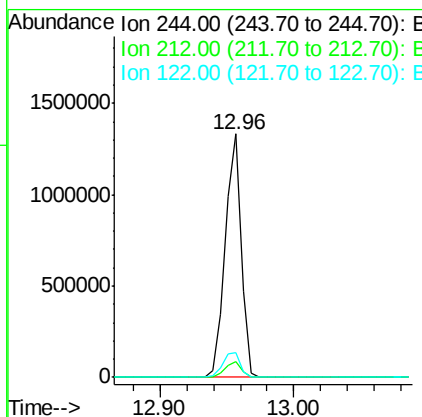
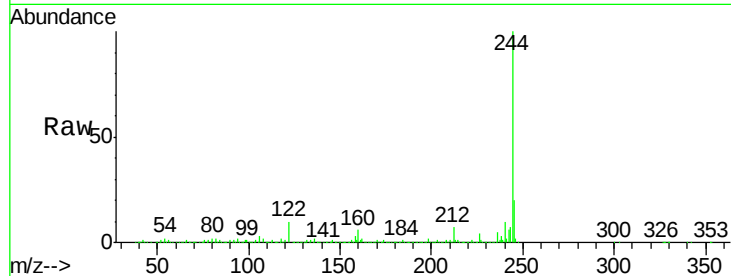
#79
 Terphenyl-d14
 Concen: 61.620 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Tot Ion:244 Resp: 1135441
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.2 8.7 13.1

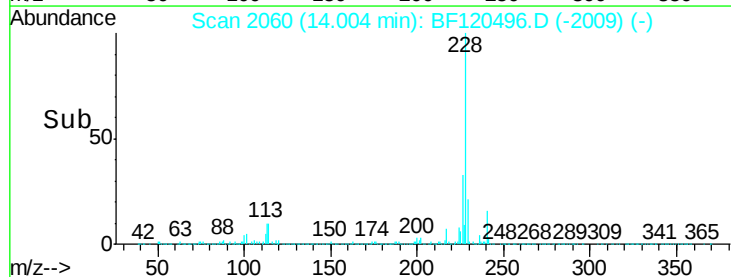
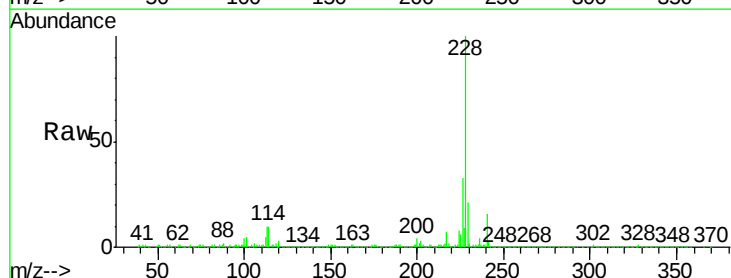
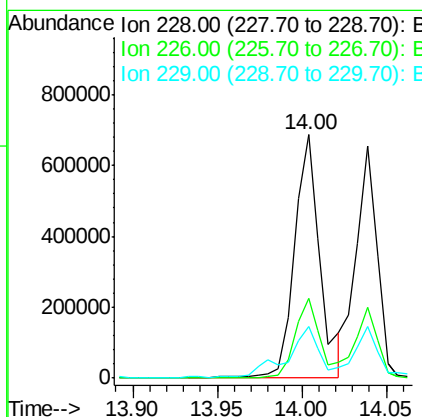
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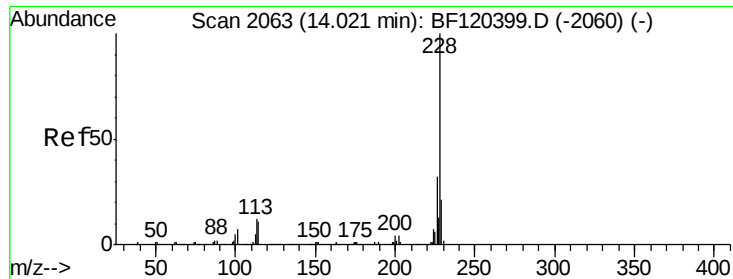
mohammad
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#81
 Benzo(a)anthracene
 Concen: 32.647 ng
 RT: 14.00 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Tgt Ion:228 Resp: 717446
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.9 34.3
 229 21.0 16.3 24.5





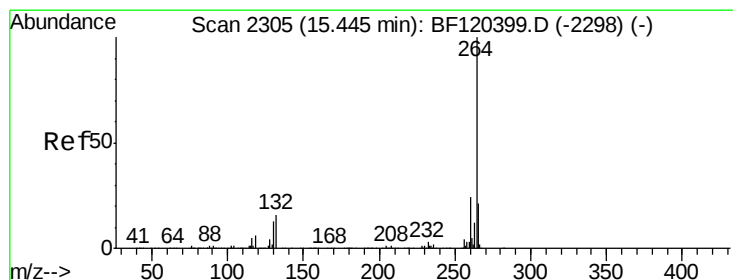
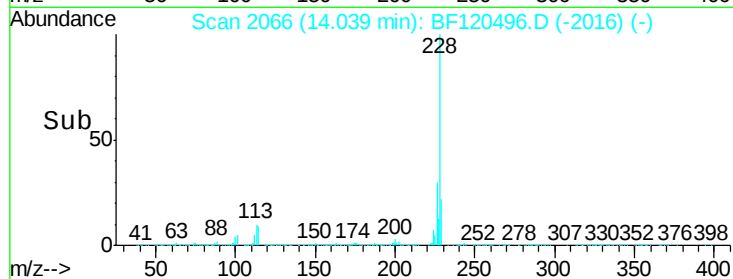
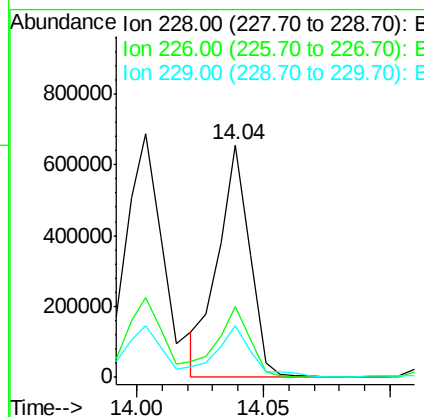
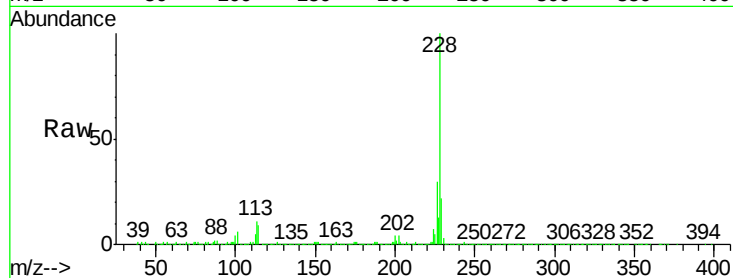
#83
Chrysene
Concen: 24.556 ng
RT: 14.04 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	22.4	16.4	24.6

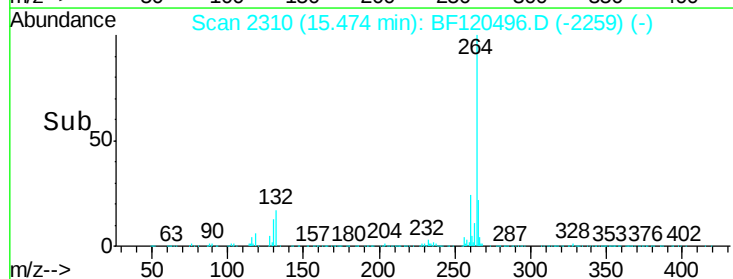
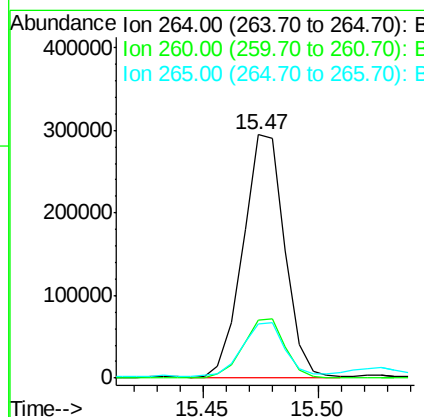
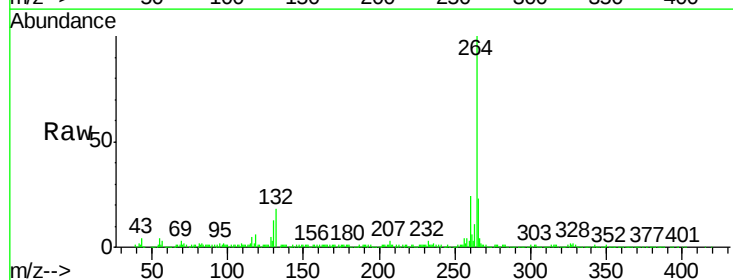
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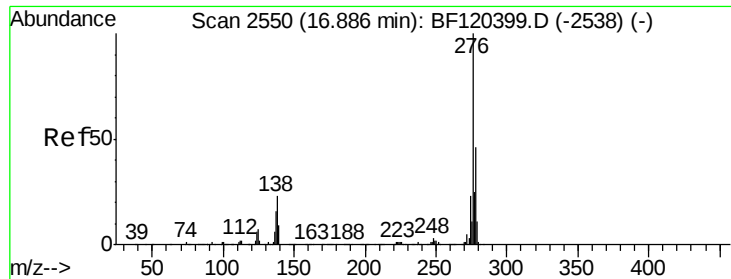
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.5	17.6	26.4





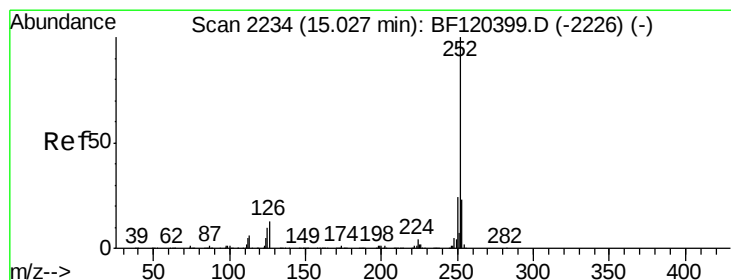
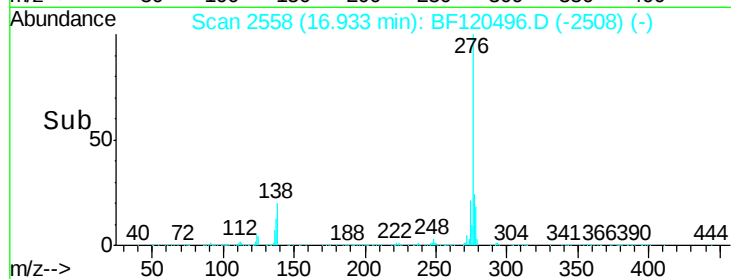
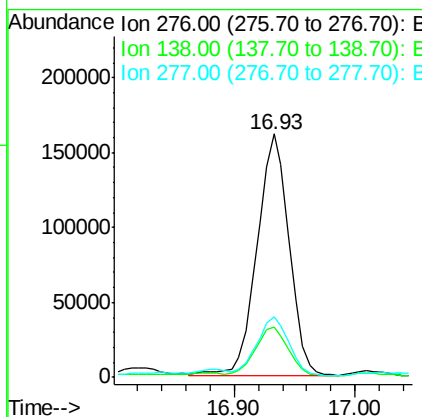
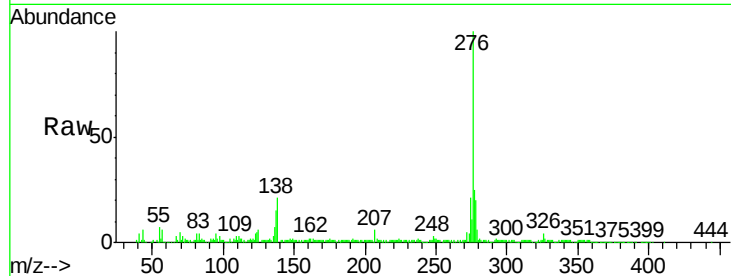
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.560 ng
 RT: 16.93 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 NM113-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.3	28.9
277	24.7	20.7	31.1

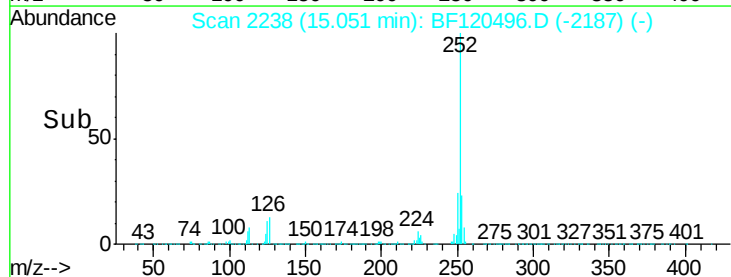
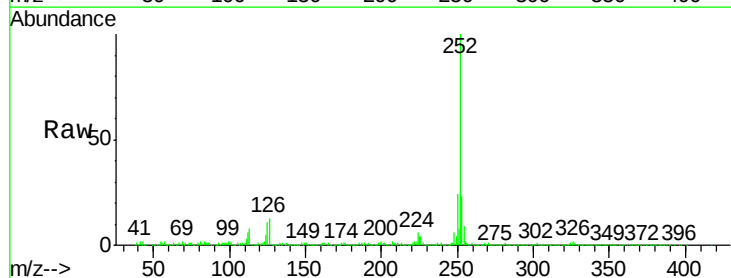
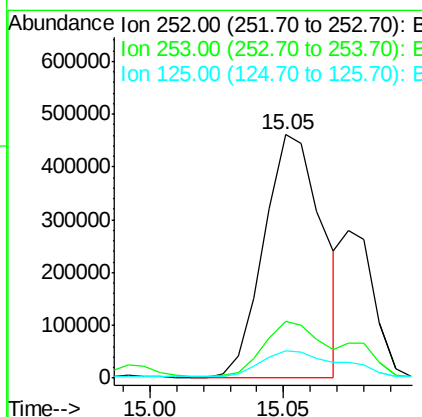
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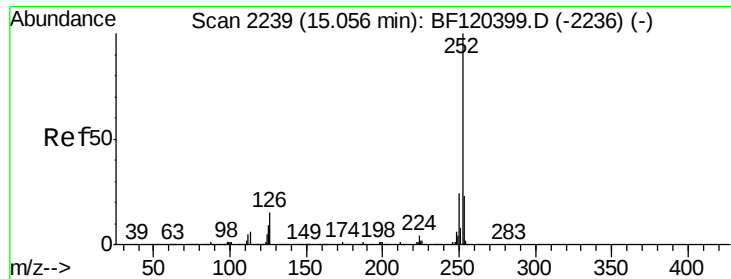
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 34.179 ng m
 RT: 15.05 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF120496.D
 Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.1	8.2	12.4





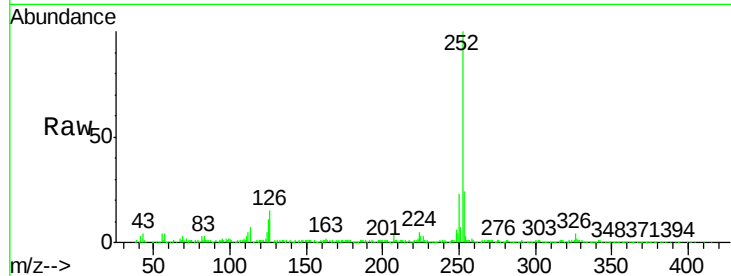
#89
Benzo(k)fluoranthene
Concen: 12.420 ng m
RT: 15.07 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Instrument :
BNA_F
ClientSampleId :
NM113-COMP-2020-0-6

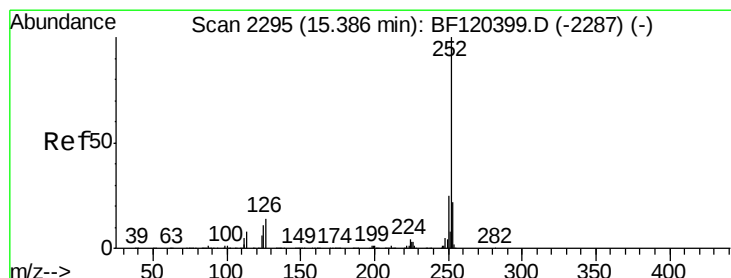
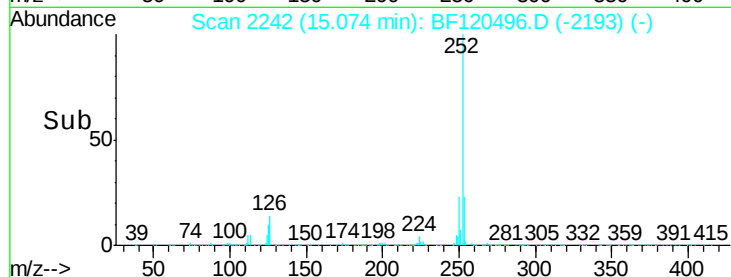
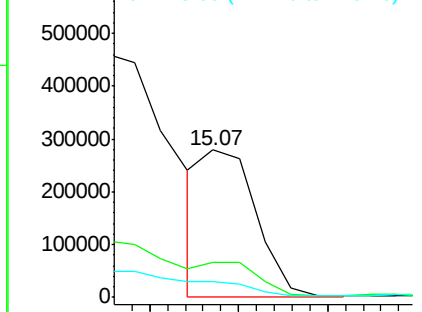
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	11.1	7.1	10.7

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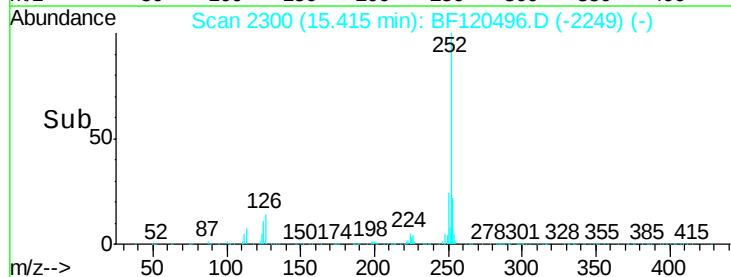
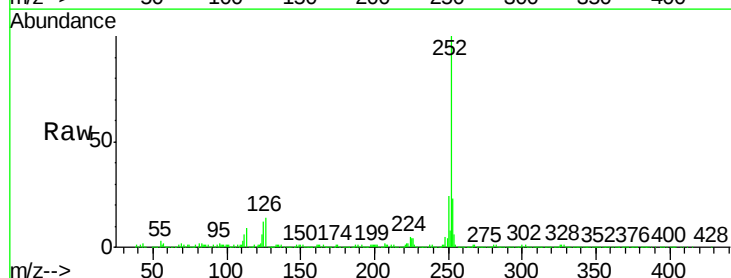
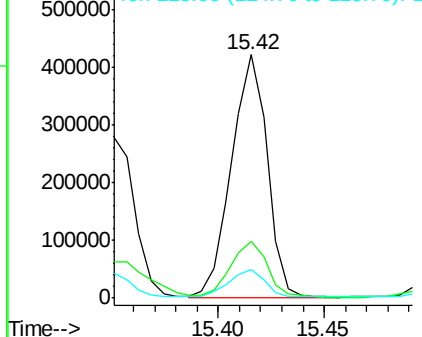
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

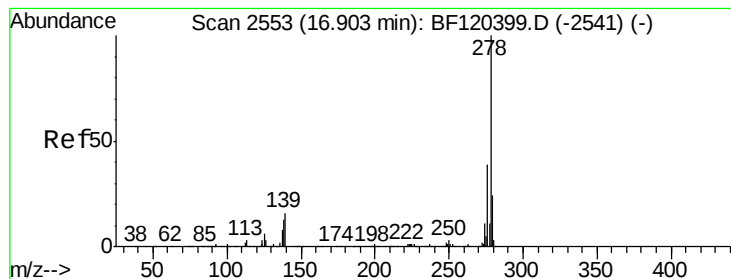


#90
Benzo(a)pyrene
Concen: 27.394 ng
RT: 15.42 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF120496.D
Acq: 2 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.6	9.0	13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 4.226 ng

RT: 16.94 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Instrument :

BNA_F

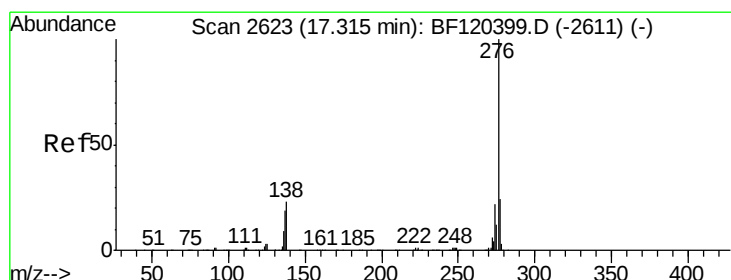
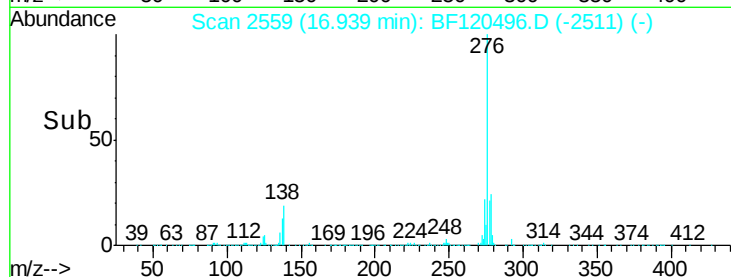
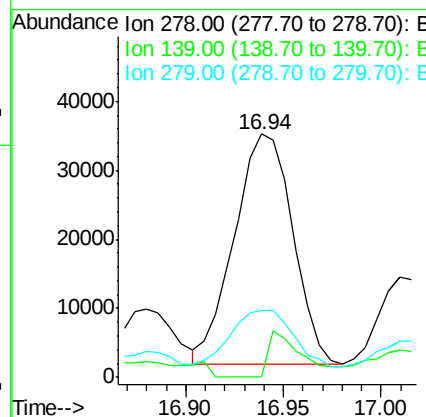
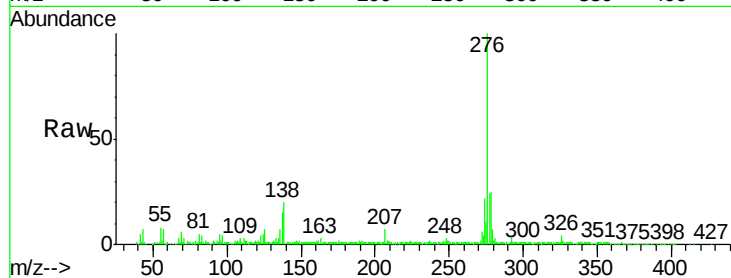
ClientSampleId :

NM113-COMP-2020-0-6

Tot Ion:	278	Resp:	69504
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.4#
279	27.3	18.8	28.2

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#92

Benzo(g,h,i)perylene

Concen: 16.849 ng

RT: 17.37 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF120496.D

Acq: 2 Jun 2020 15:50

Tgt Ion:	276	Resp:	273282
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	21.3	16.8	25.2

