

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120483.D
 Acq On : 1 Jun 2020 20:43
 Operator : JU/CG
 Sample : L2792-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

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Quant Time: Jun 02 09:40:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259659	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	889330	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	401239	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	684642	20.00	ng	0.01
76) Chrysene-d12	14.01	240	559586	20.00	ng	0.01
86) Perylene-d12	15.47	264	448190	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1033669	75.87	ng	0.02
7) Phenol-d6	6.48	99	1288434	76.72	ng	0.01
23) Nitrobenzene-d5	7.40	82	779695	57.35	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	296225	79.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1437320	60.78	ng	0.00
79) Terphenyl-d14	12.96	244	1421751	56.54	ng	0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	240553	9.59	ng	99
71) Phenanthrene	11.39	178	238934	7.92	ng	97
72) Anthracene	11.44	178	76025	2.51	ng	99
75) Fluoranthene	12.58	202	606580	18.69	ng	99
78) Pyrene	12.81	202	587134	15.09	ng	98
81) Benzo(a)anthracene	14.00	228	321453	10.72	ng	97
83) Chrysene	14.03	228	294094	9.35	ng	98
87) Indeno(1,2,3-cd)pyrene	16.92	276	130045	5.31	ng	93
88) Benzo(b)fluoranthene	15.04	252	330244m	13.27	ng	
89) Benzo(k)fluoranthene	15.07	252	103729m	4.46	ng	
90) Benzo(a)pyrene	15.41	252	217977	10.01	ng	97
92) Benzo(g,h,i)perylene	17.36	276	127333	6.46	ng	99

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

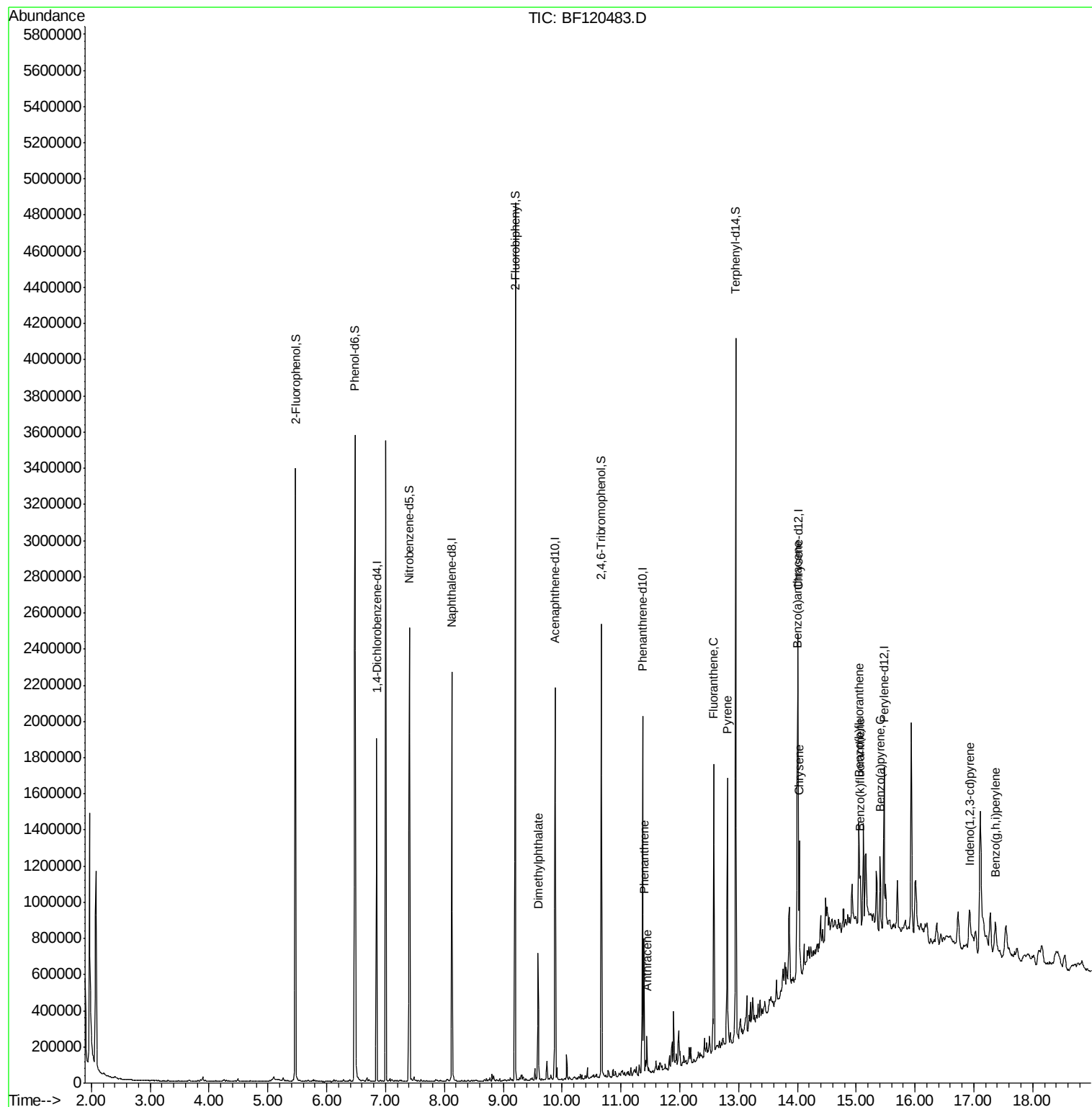
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120483.D
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Operator : JU/CG
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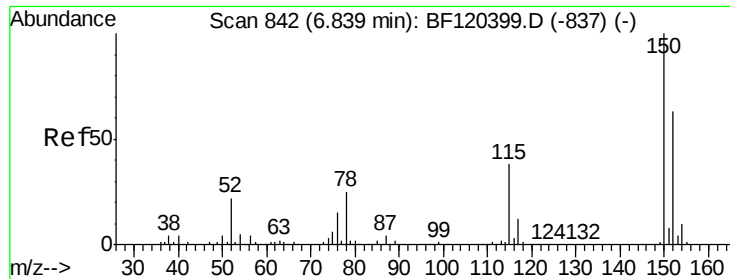
Instrument :
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Quant Time: Jun 02 09:40:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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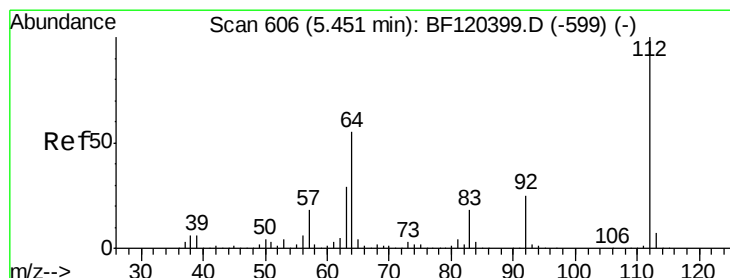
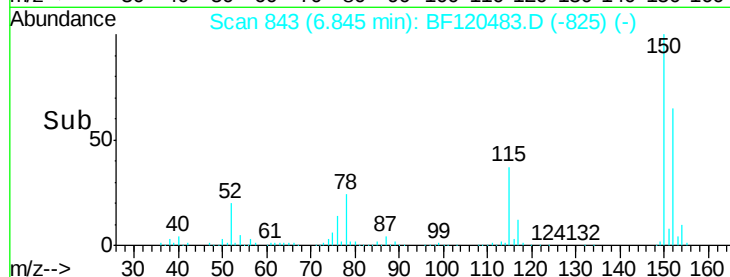
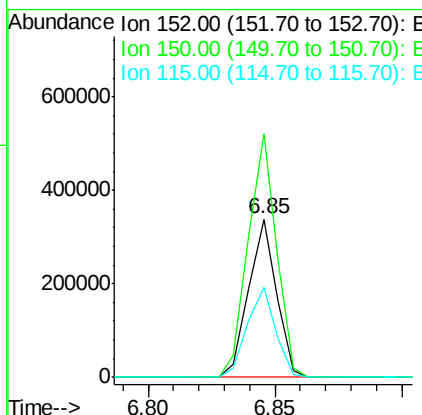
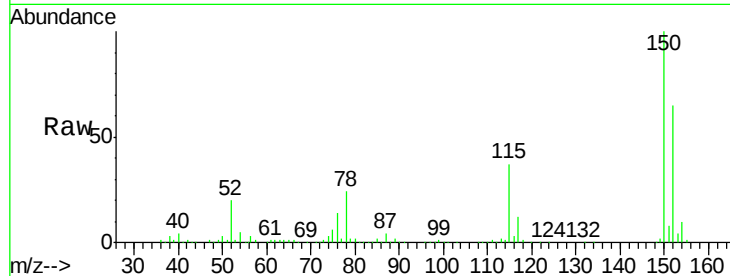
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.5	189.7
115	57.0	47.6	71.4

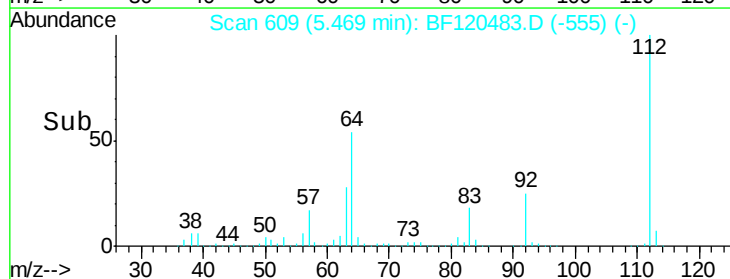
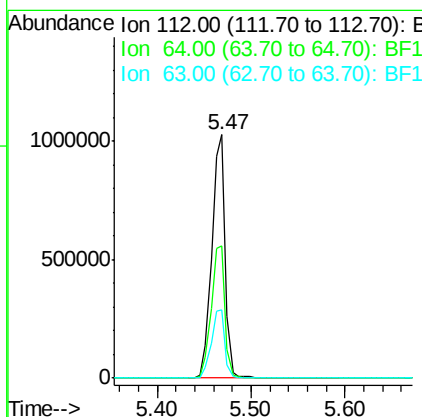
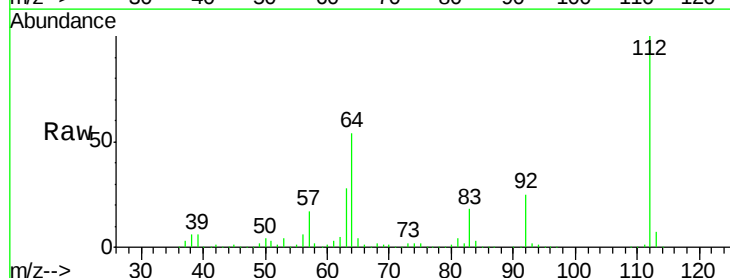
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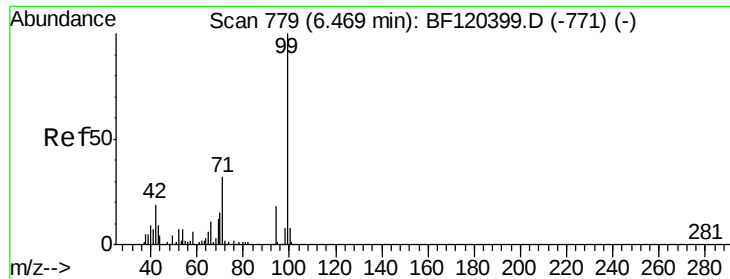
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#5
 2-Fluorophenol
 Concen: 75.87 ng
 RT: 5.47 min Scan# 609
 Delta R.T. 0.02 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	44.3	66.5
63	28.0	22.9	34.3





#7

Phenol-d6

Concen: 76.72 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120483.D

Acq: 1 Jun 2020 20:43

Instrument :

BNA_F

ClientSampleId :

NM85-COMP-2020-0-6

Tgt Ion: 99 Resp: 1288434

Ion Ratio Lower Upper

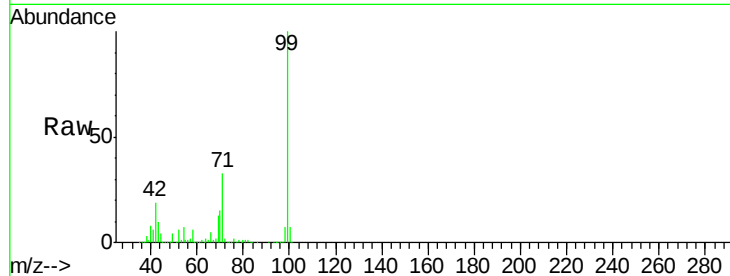
99 100

42 19.0 15.2 22.8

71 33.2 25.6 38.4

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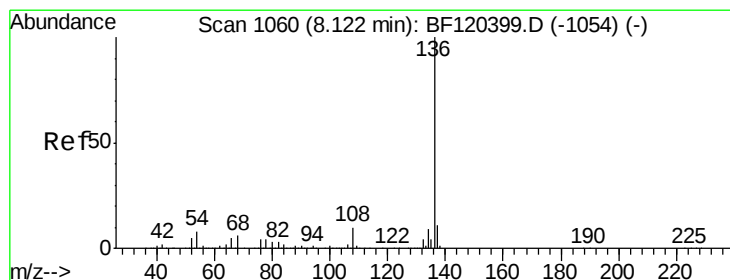
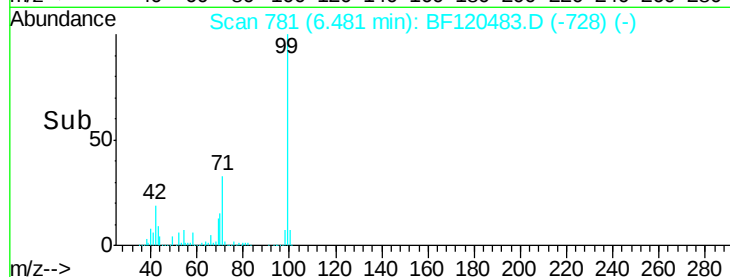
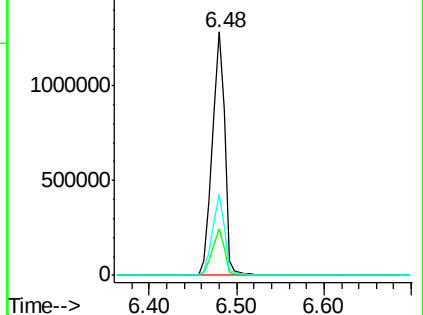
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF120483.D

Acq: 1 Jun 2020 20:43

Tgt Ion: 136 Resp: 889330

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.6 6.7 10.1

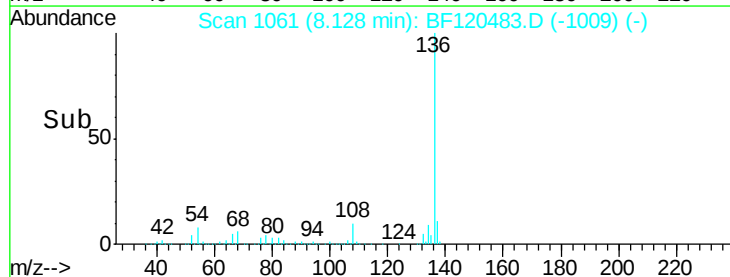
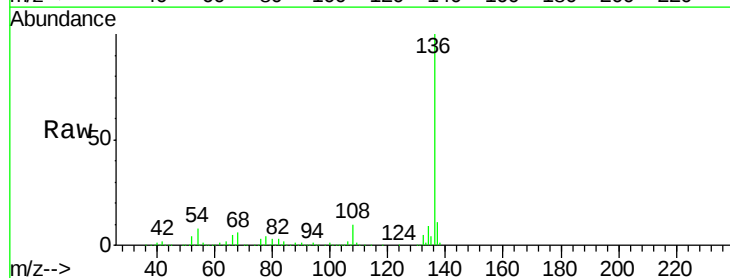
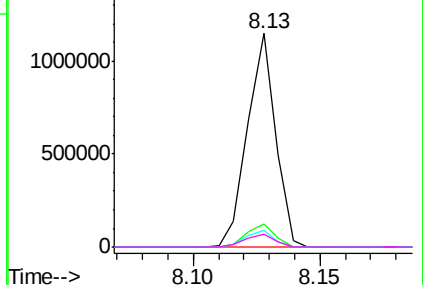
68 6.0 5.0 7.4

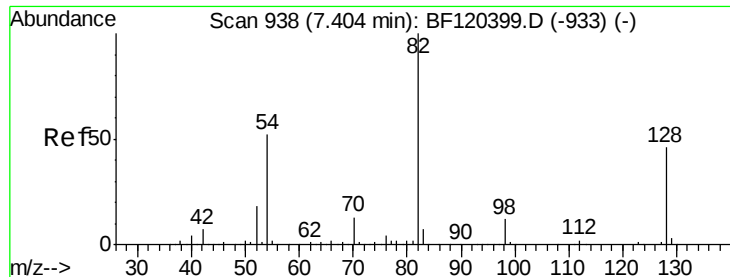
Abundance Ion 136.00 (135.70 to 136.70): E

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





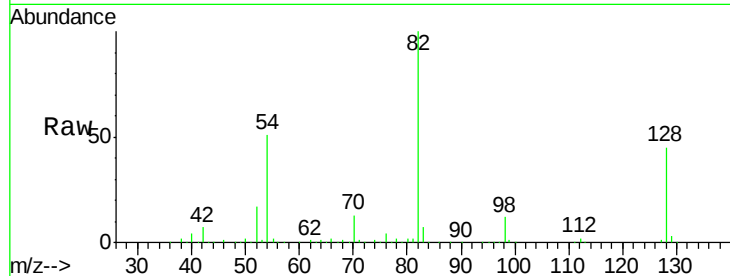
#23
Nitrobenzene-d5
Concen: 57.35 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

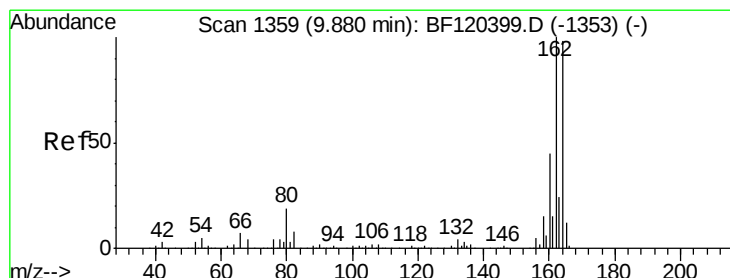
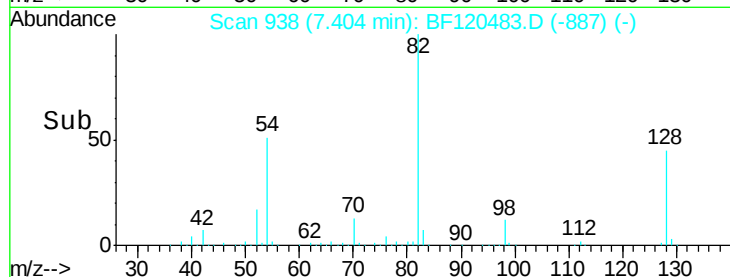
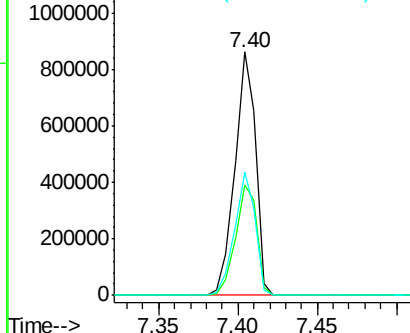
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	779695		
128	45.4	36.8	55.2	
54	50.7	41.6	62.4	

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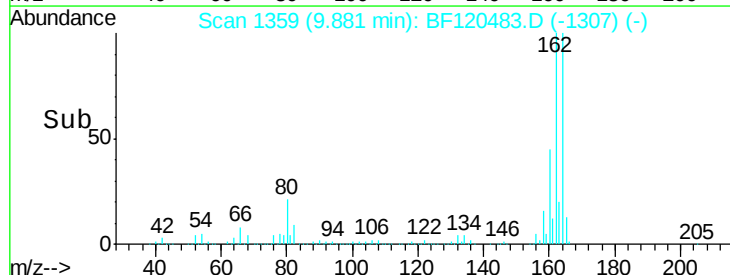
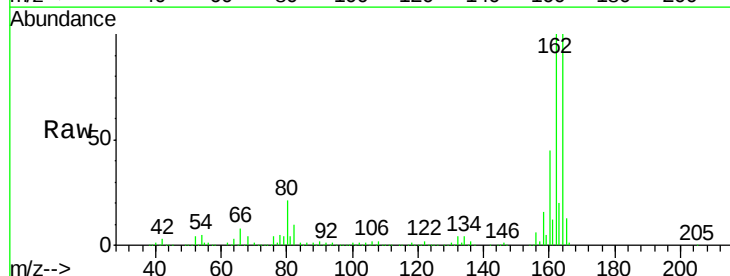
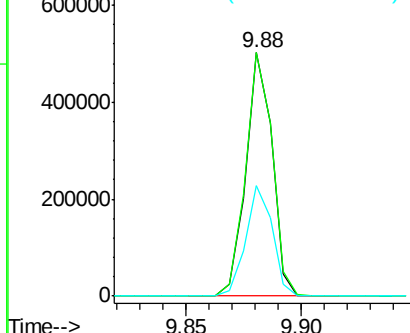
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	401239		
162	99.8	81.3	121.9	
160	45.3	36.9	55.3	

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





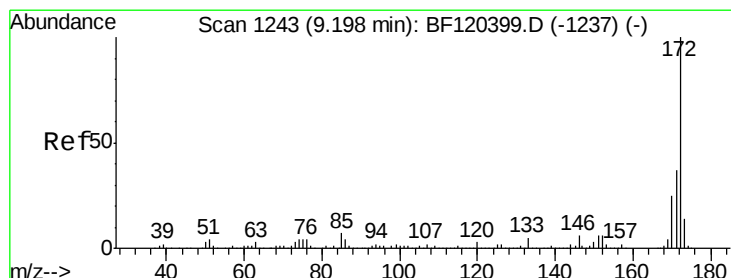
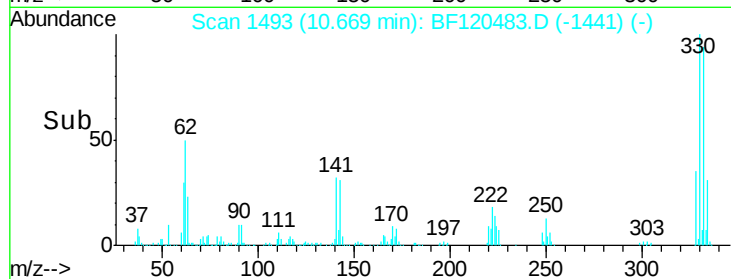
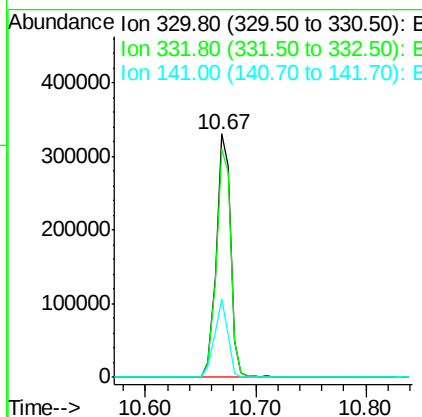
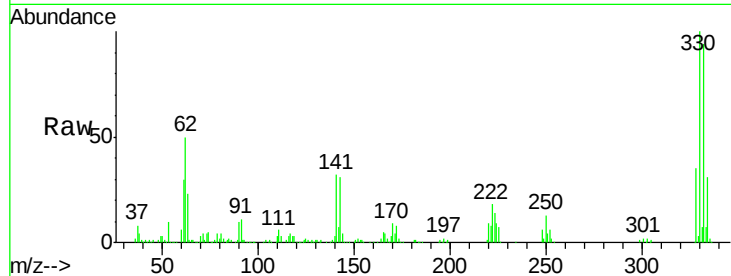
#42
 2,4,6-Tribromophenol
 Concen: 79.68 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	296225		
332	95.3	77.0	115.6	
141	29.7	25.3	37.9	

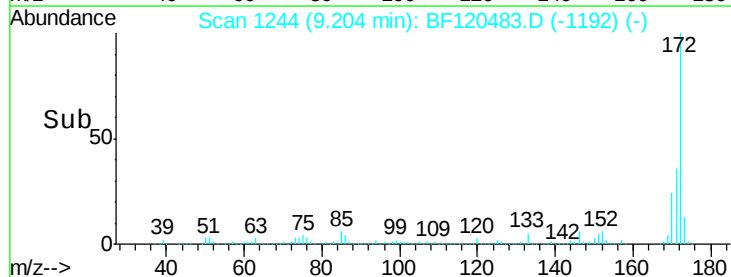
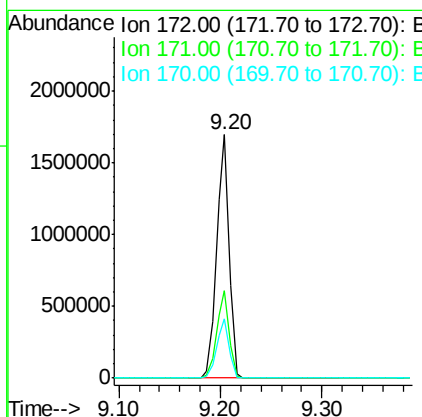
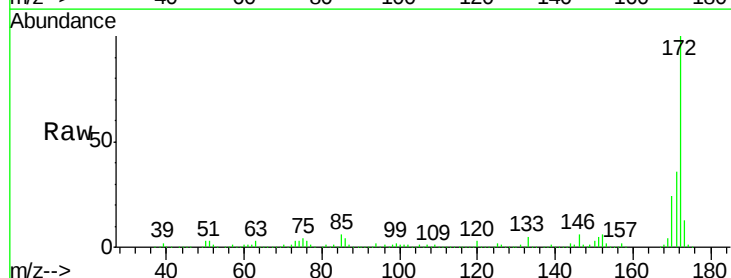
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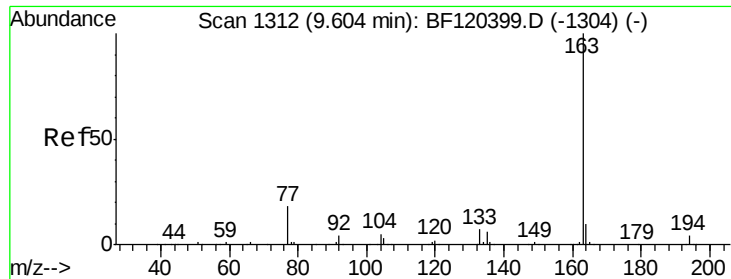
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#45
 2-Fluorobiphenyl
 Concen: 60.78 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1437320		
171	36.0	29.7	44.5	
170	24.4	19.9	29.9	





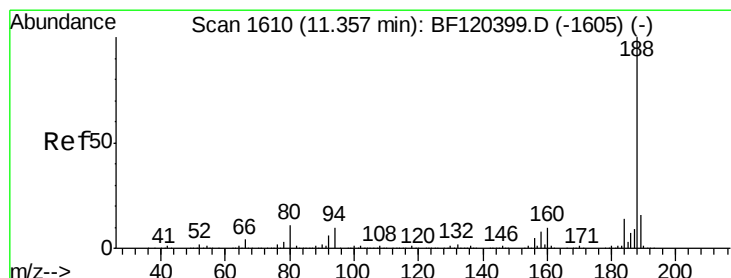
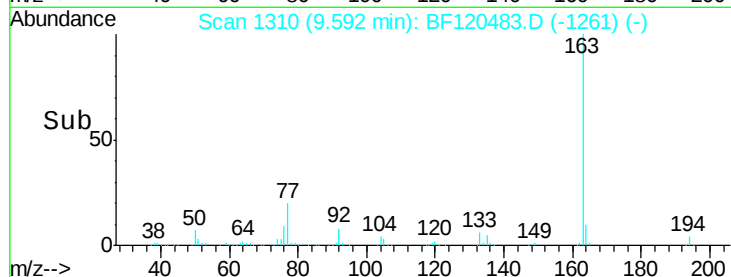
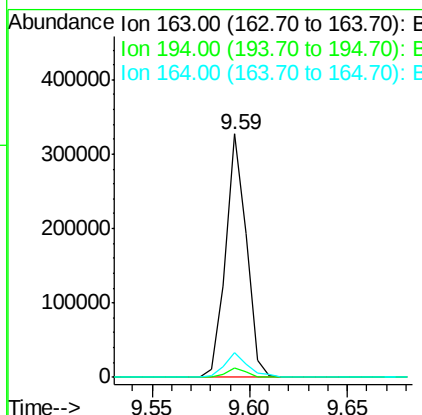
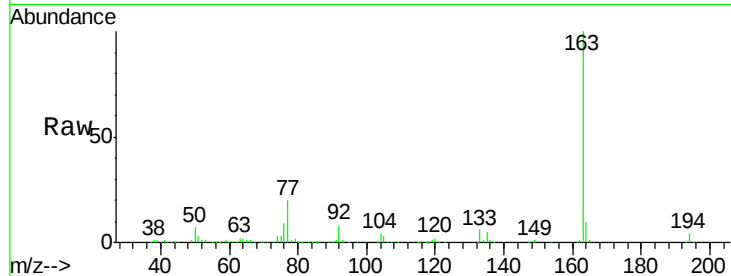
#50
Dimethylphthalate
Concen: 9.59 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	240553		
194	3.7		3.3	4.9
164	10.1		8.3	12.5

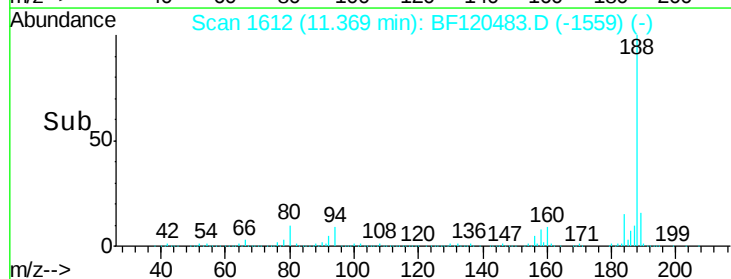
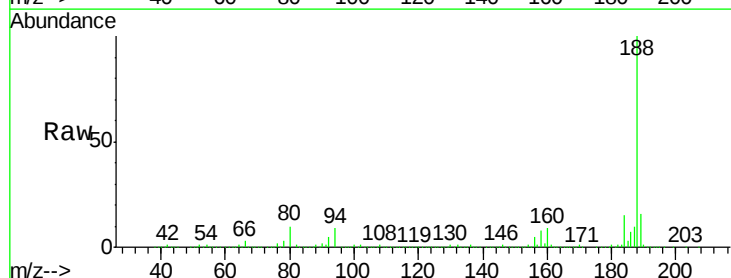
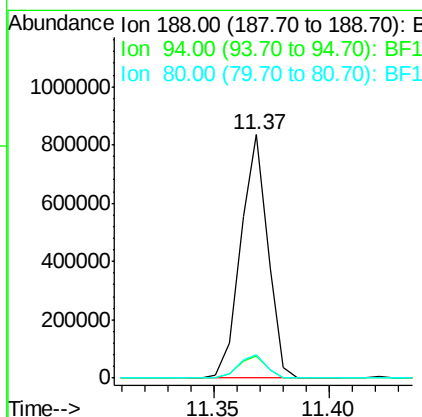
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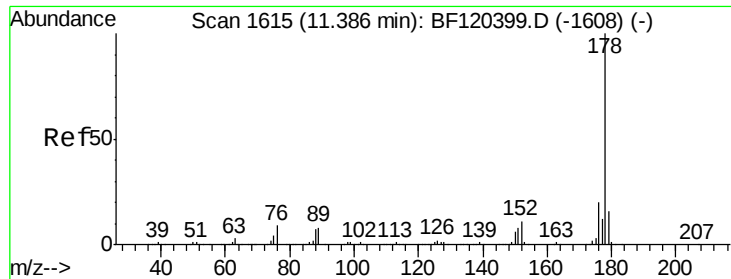
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	684642		
94	9.0		7.9	11.9
80	9.6		8.6	13.0





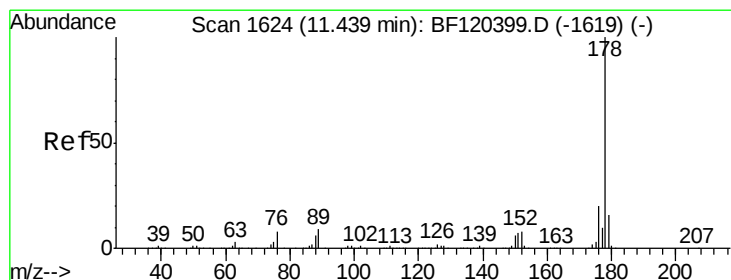
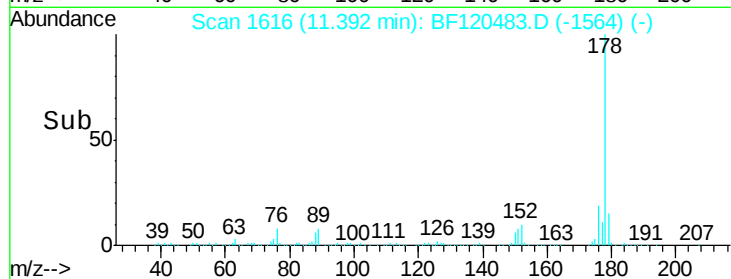
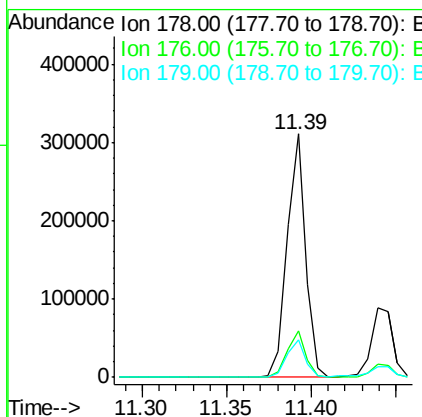
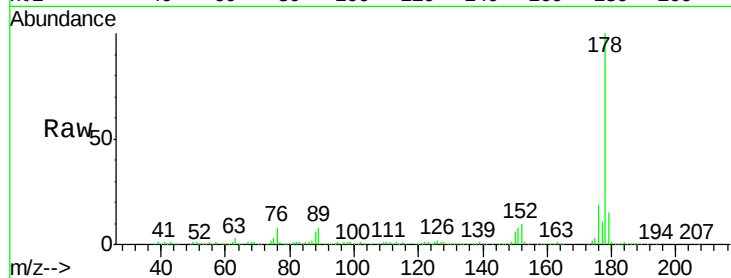
#71
Phenanthrene
Concen: 7.92 ng
RT: 11.39 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.3	13.0	19.4

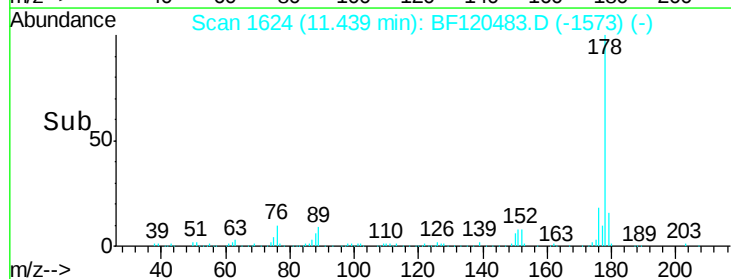
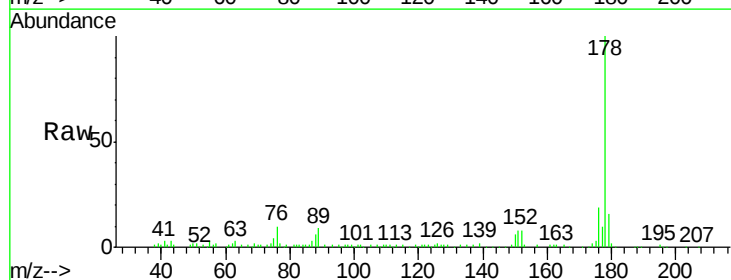
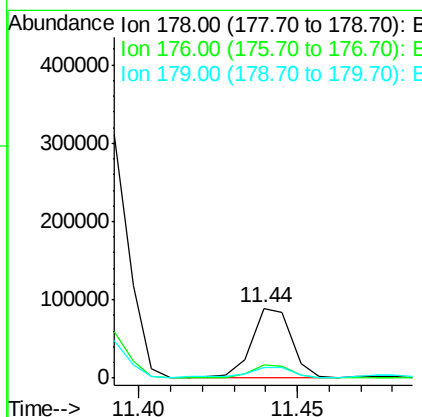
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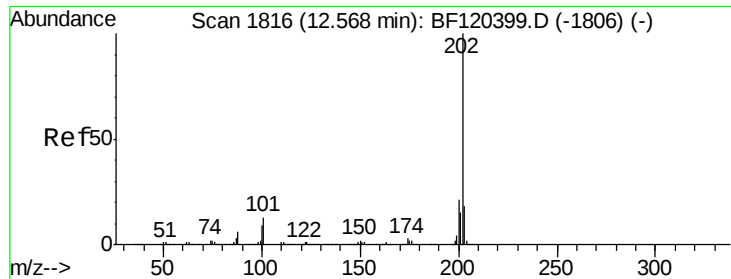
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#72
Anthracene
Concen: 2.51 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.8	12.8	19.2





#75

Fluoranthene

Concen: 18.69 ng

RT: 12.58 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120483.D

Acq: 1 Jun 2020 20:43

Instrument :

BNA_F

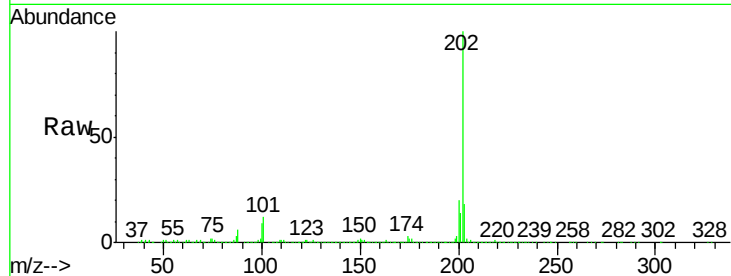
ClientSampleId :

NM85-COMP-2020-0-6

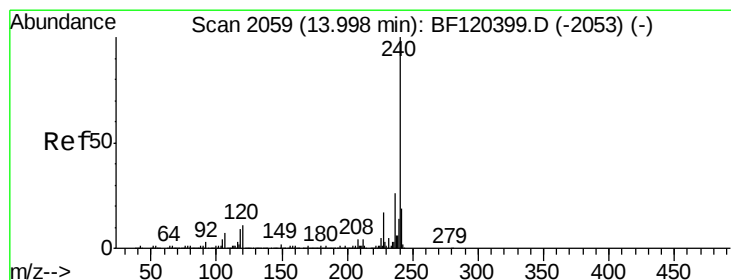
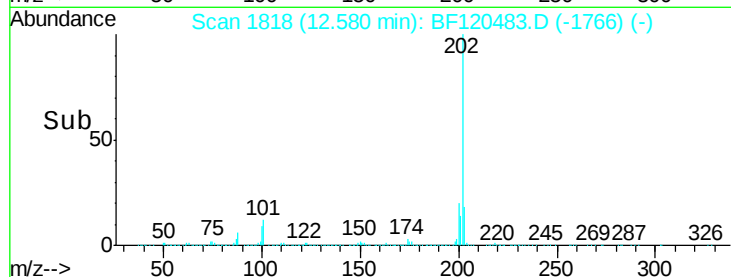
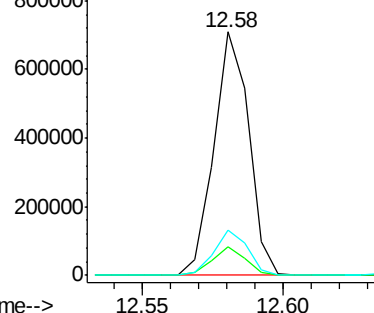
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		606580		
101	11.9	0.0	32.6		
203	18.3	0.0	38.4		

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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: 20.00 ng

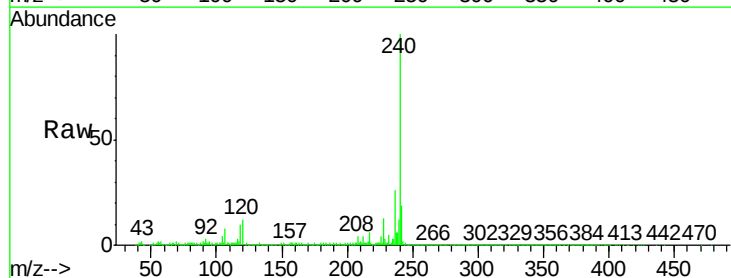
RT: 14.01 min Scan# 2061

Delta R.T. 0.01 min

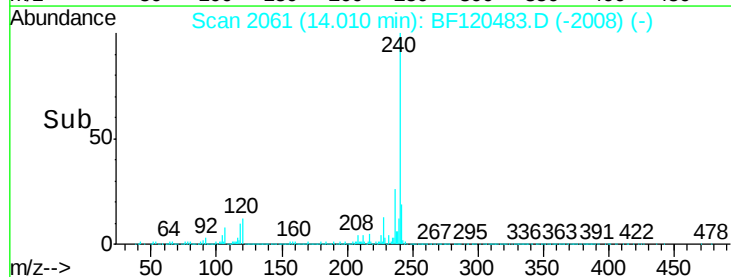
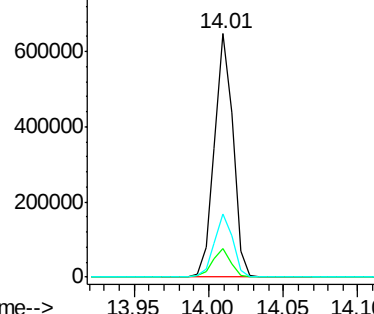
Lab File: BF120483.D

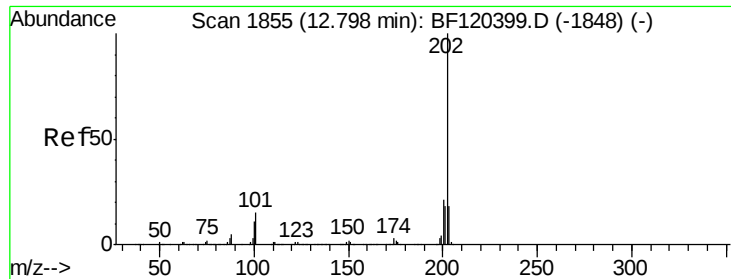
Acq: 1 Jun 2020 20:43

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		559586		
120	11.8	8.8	13.2		
236	25.9	21.0	31.4		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





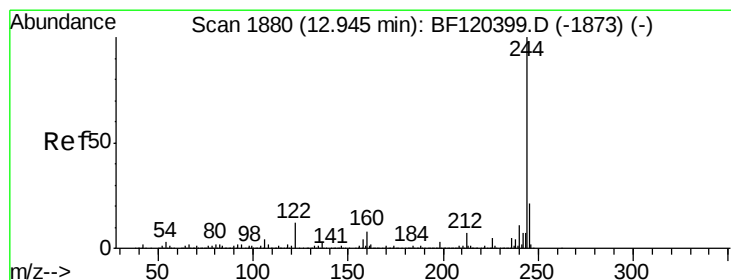
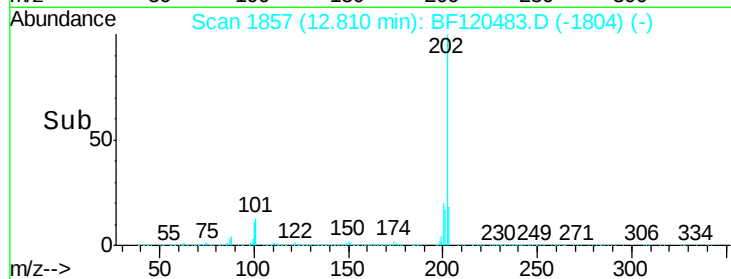
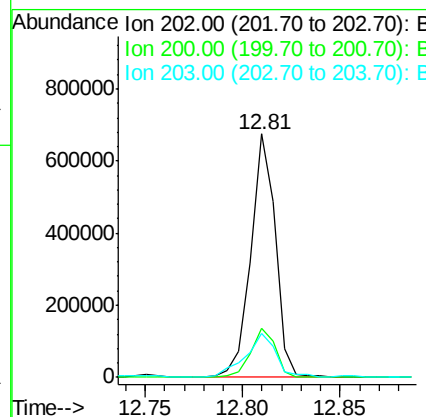
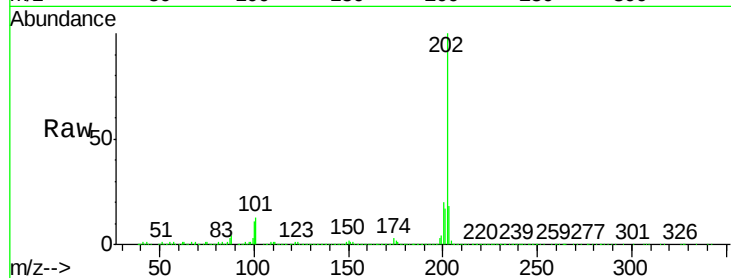
#78
 Pyrene
 Concen: 15.09 ng
 RT: 12.81 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	587134		
200	20.2	17.0	25.4	
203	18.0	14.7	22.1	

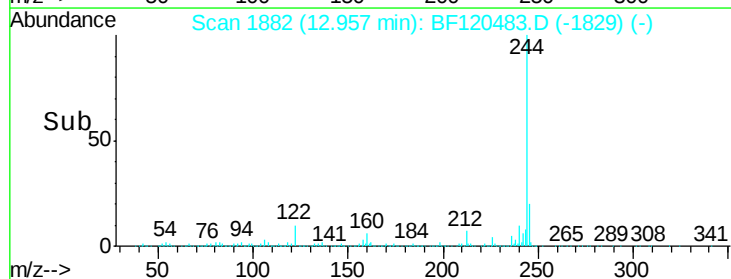
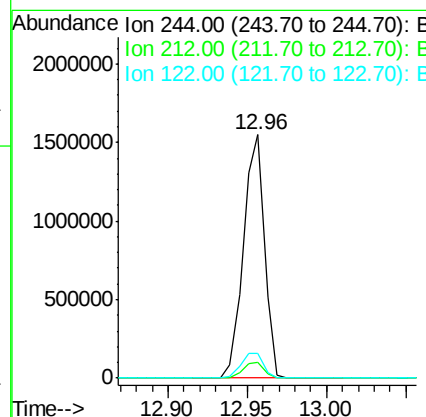
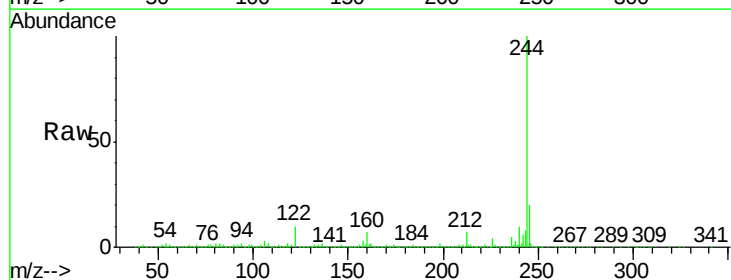
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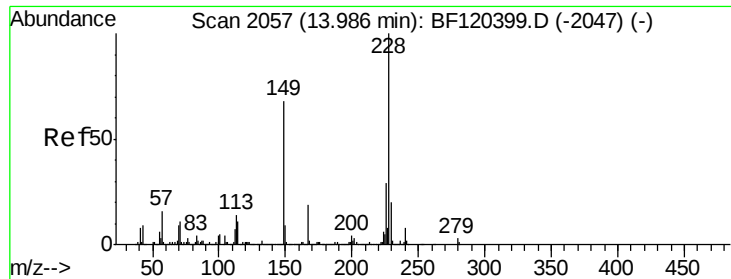
mohammad
 6/2/2020 3:26:33 PM



#79
 Terphenyl-d14
 Concen: 56.54 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. 0.01 min
 Lab File: BF120483.D
 Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1421751		
212	6.6	5.9	8.9	
122	10.2	9.2	13.8	





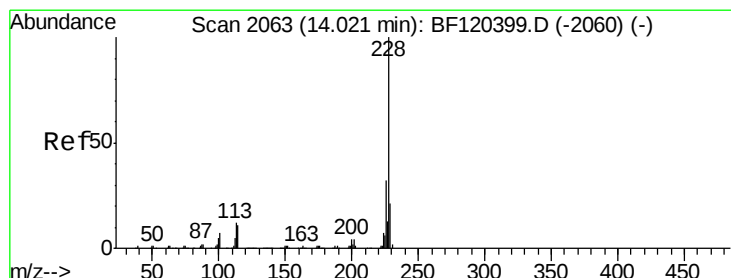
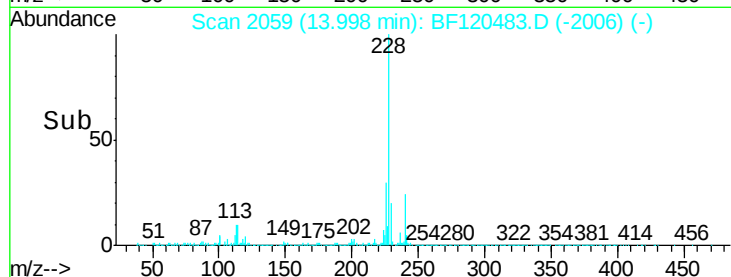
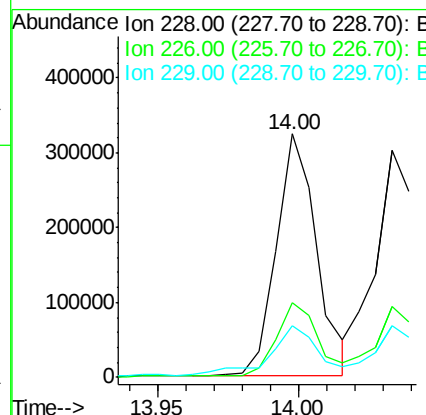
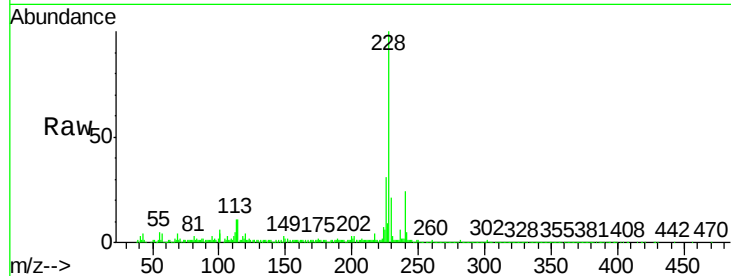
#81
Benzo(a)anthracene
Concen: 10.72 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.4
229	21.0	16.2	24.4

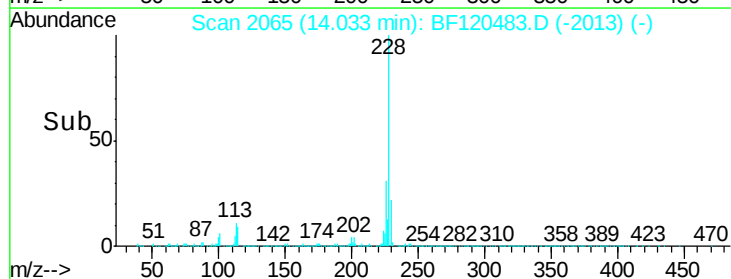
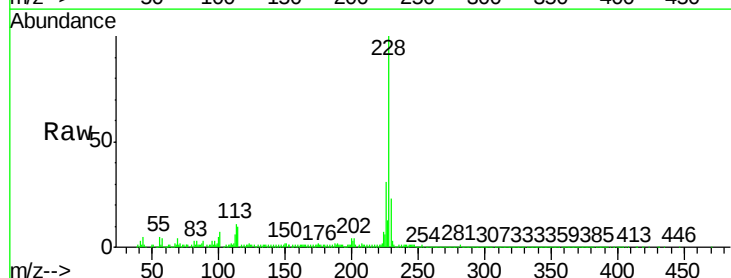
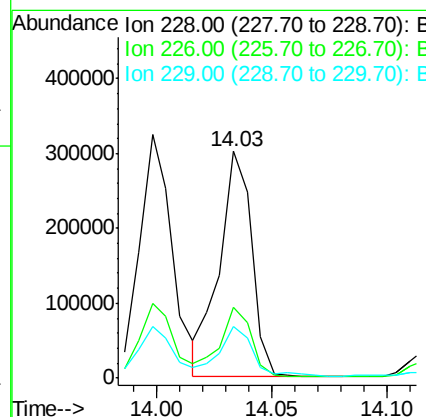
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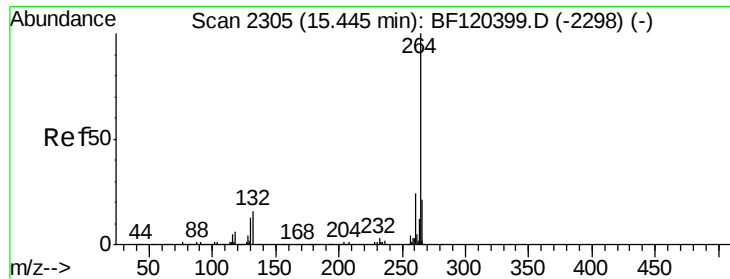
mohammad
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#83
Chrysene
Concen: 9.35 ng
RT: 14.03 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.6	38.4
229	22.8	16.6	25.0





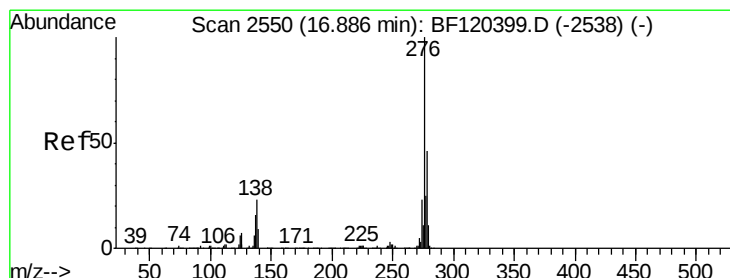
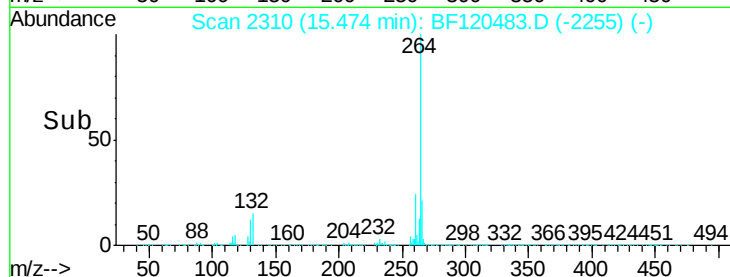
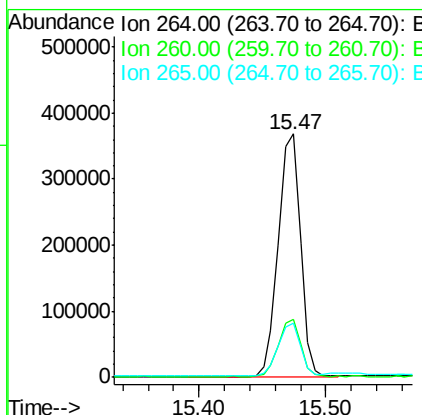
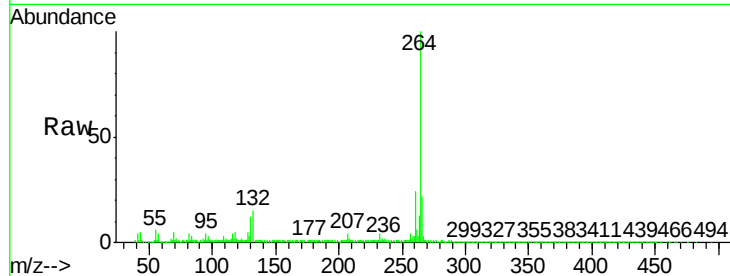
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2310
Delta R.T. 0.02 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	16.9	25.3

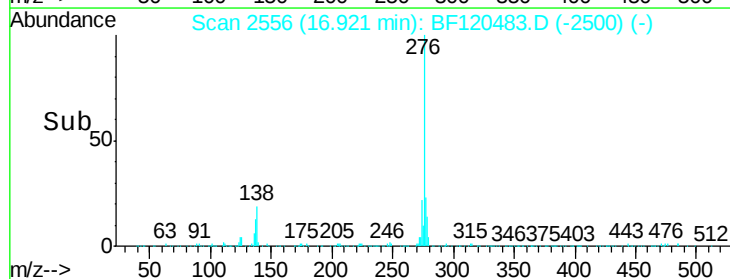
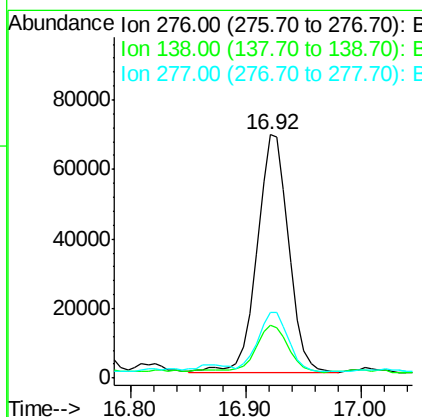
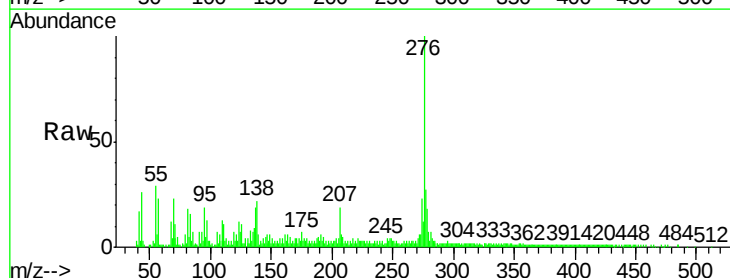
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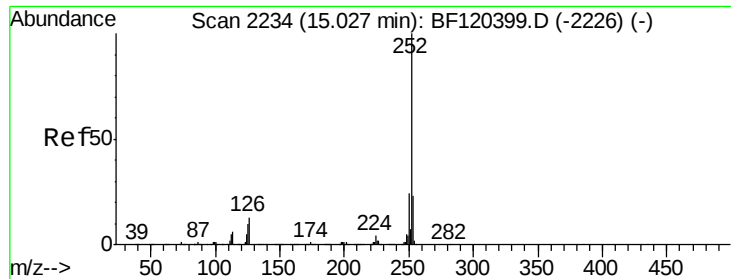
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.31 ng
RT: 16.92 min Scan# 2556
Delta R.T. 0.03 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	20.4	30.6
277	23.8	20.4	30.6





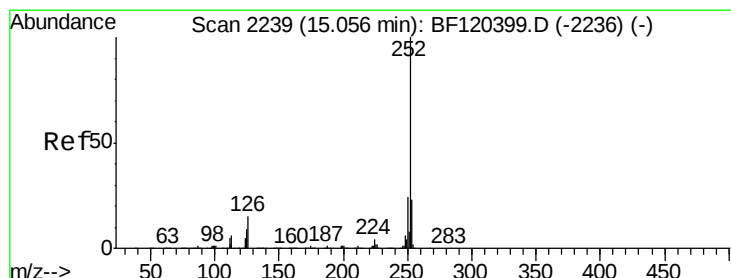
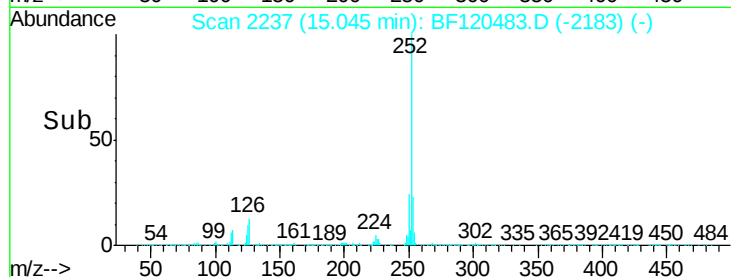
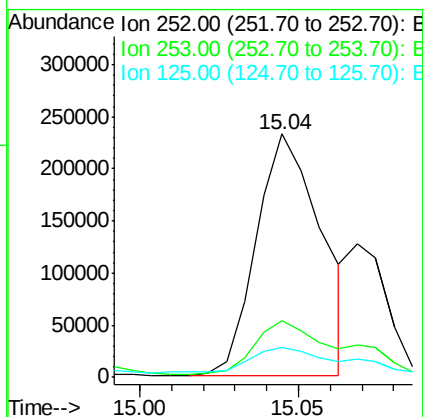
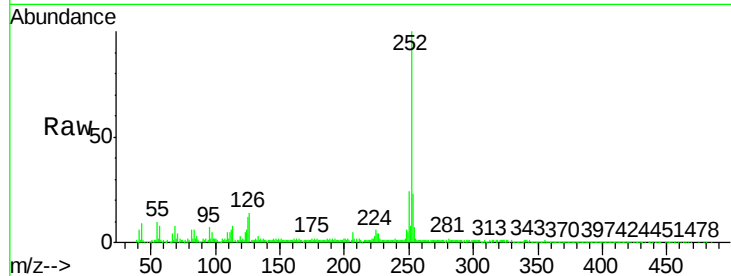
#88
Benzo(b)fluoranthene
Concen: 13.27 ng m
RT: 15.04 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.3	7.8	11.8

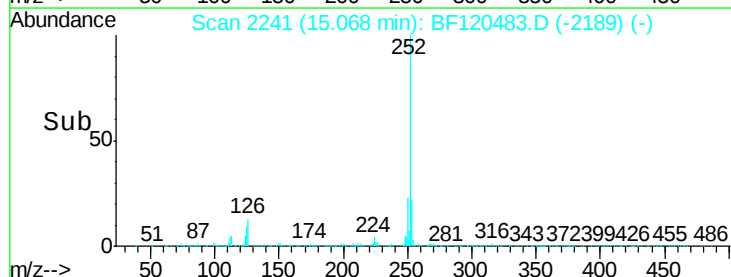
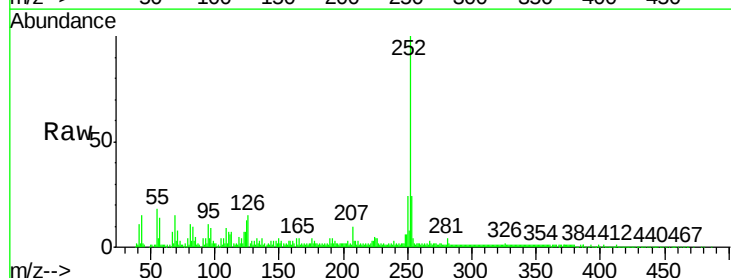
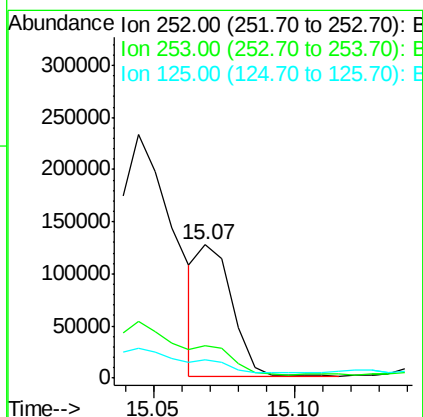
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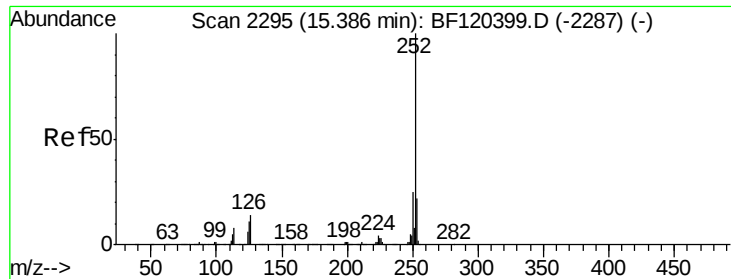
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.46 ng m
RT: 15.07 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	13.4	8.0	12.0





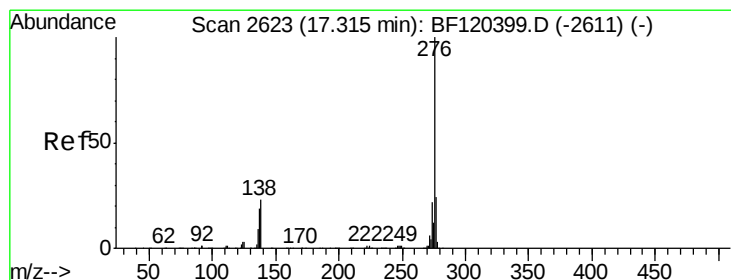
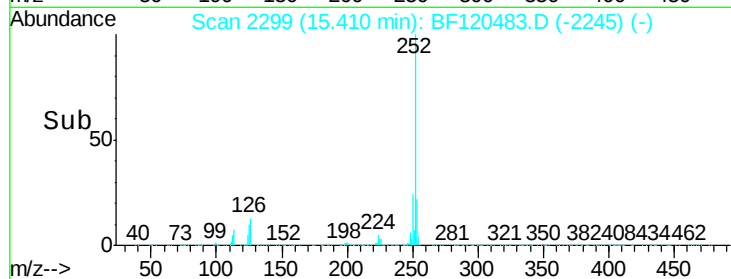
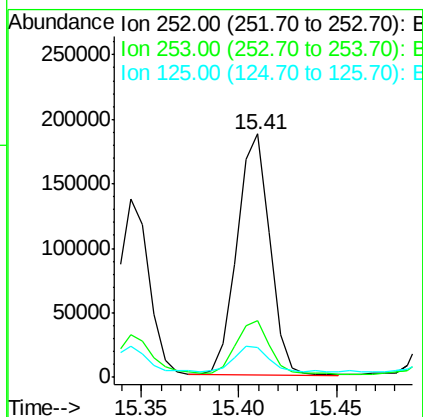
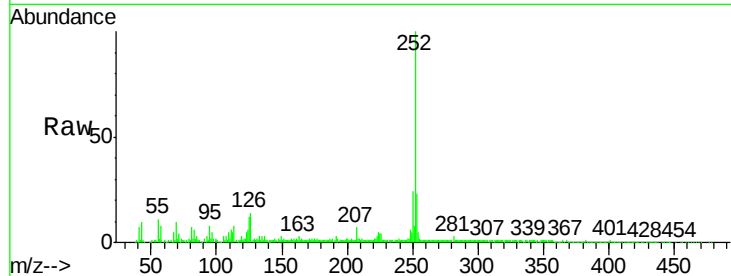
#90
Benzo(a)pyrene
Concen: 10.01 ng
RT: 15.41 min Scan# 2299
Delta R.T. 0.02 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	12.2	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.46 ng
RT: 17.36 min Scan# 2631
Delta R.T. 0.04 min
Lab File: BF120483.D
Acq: 1 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	22.4	18.1	27.1

