

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121349.D
 Acq On : 20 Aug 2020 16:13
 Operator : JU/CG
 Sample : L3678-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

Manual Integrations
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Quant Time: Aug 20 17:26:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	139894	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	532188	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	274678	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	502170	20.00	ng	0.00
76) Chrysene-d12	13.85	240	344664	20.00	ng	0.00
86) Perylene-d12	15.26	264	377034	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	611203	71.64	ng	0.00
7) Phenol-d6	6.33	99	750004	68.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	478074	50.81	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	215791	67.42	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	919912	60.58	ng	0.00
79) Terphenyl-d14	12.80	244	875701	49.65	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.59	152	65613	2.604	ng	99
50) Dimethylphthalate	9.45	163	198474	9.932	ng	100
52) Acenaphthene	9.76	154	64538	4.216	ng	97
71) Phenanthrene	11.23	178	984529	37.881	ng	100
72) Anthracene	11.29	178	263499	10.528	ng	98
73) Carbazole	11.44	167	77702	3.253	ng	100
75) Fluoranthene	12.43	202	1377620	48.835	ng	98
78) Pyrene	12.66	202	1359314	52.503	ng	100
81) Benzo(a)anthracene	13.84	228	753820	35.213	ng	96
83) Chrysene	13.87	228	642861	29.362	ng	97
87) Indeno(1,2,3-cd)pyrene	16.62	276	369189	16.041	ng	95
88) Benzo(b)fluoranthene	14.86	252	827468m	33.971	ng	
89) Benzo(k)fluoranthene	14.89	252	263153m	12.273	ng	
90) Benzo(a)pyrene	15.20	252	603035	28.653	ng	97
91) Dibenzo(a,h)anthracene	16.62	278	100991m	5.352	ng	
92) Benzo(g,h,i)perylene	17.03	276	341320	18.502	ng	98

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

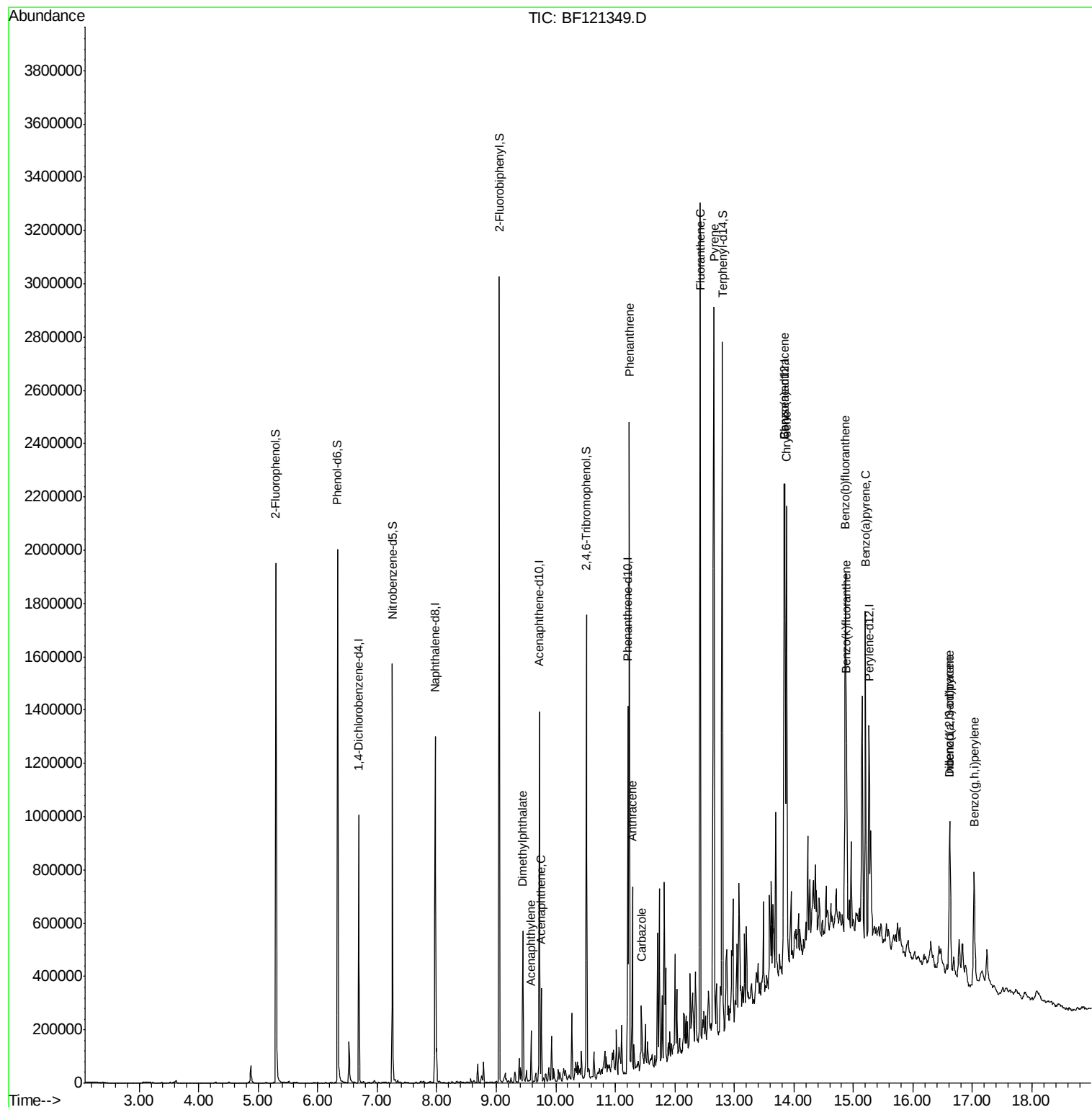
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

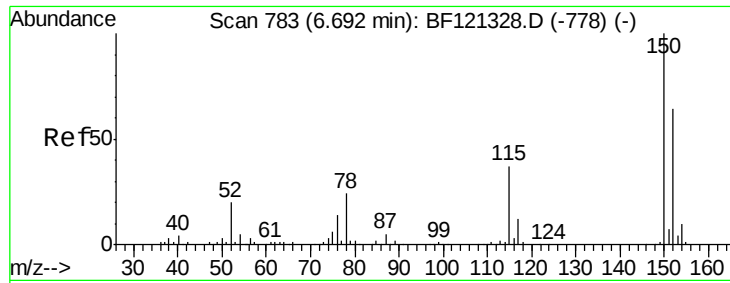
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

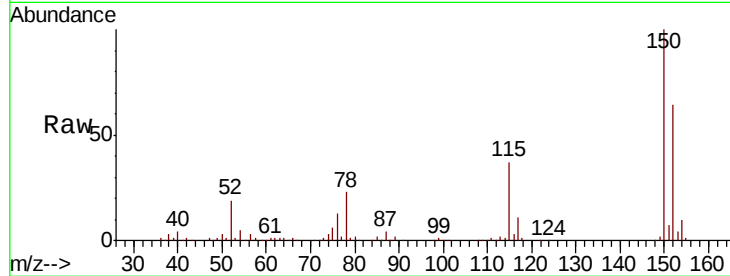
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Instrument :
BNA_F
ClientSampleId :
BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	57.3	46.1	69.1

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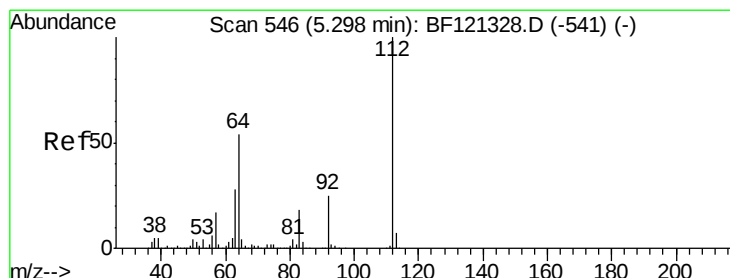
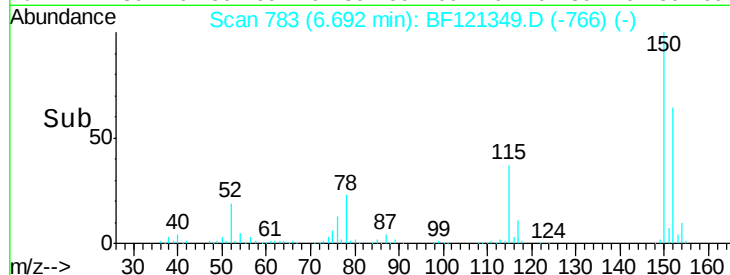
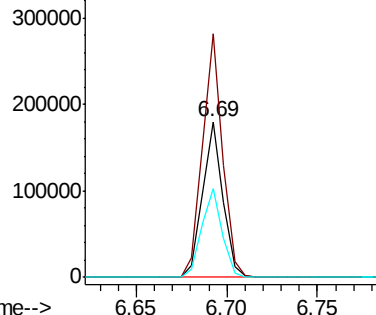


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

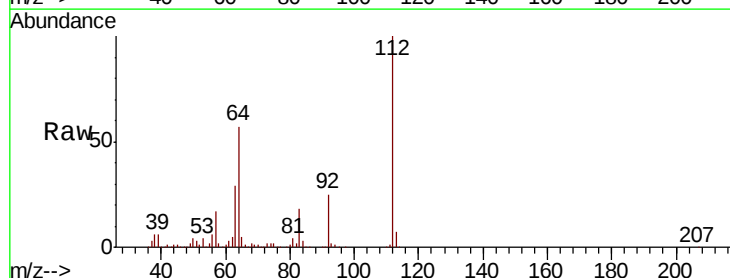
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.641 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	43.5	65.3
63	28.5	22.0	33.0

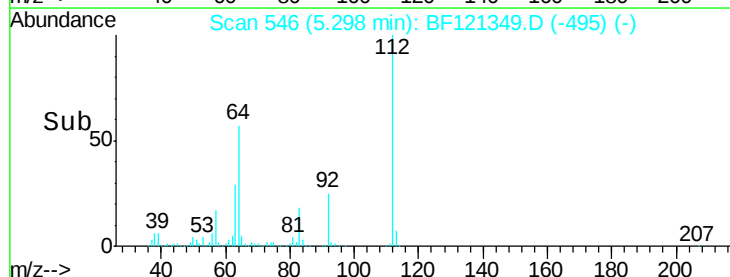
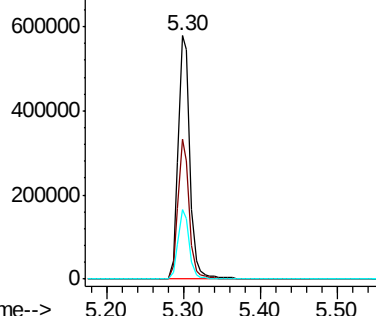


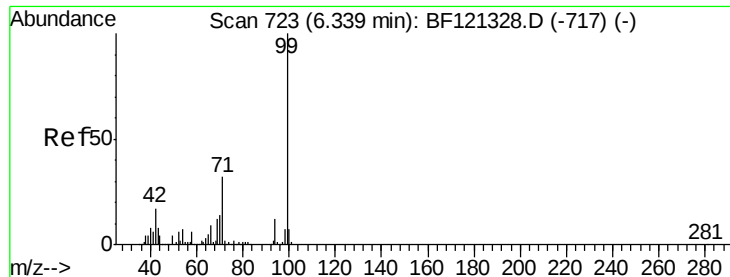
Abundance

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: 68.863 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Instrument :

BNA_F

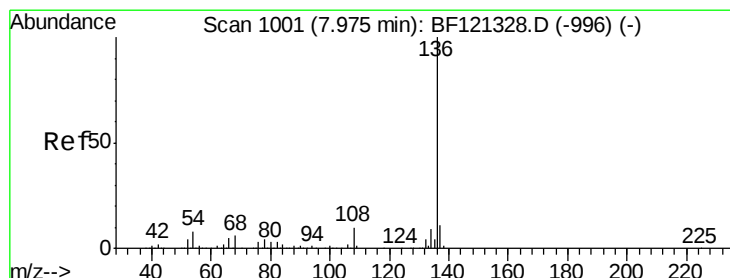
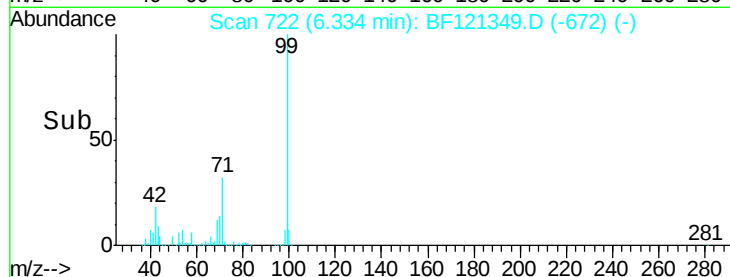
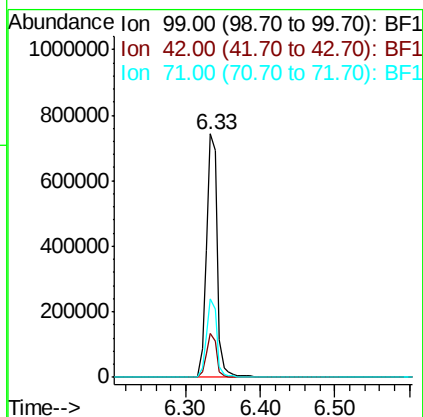
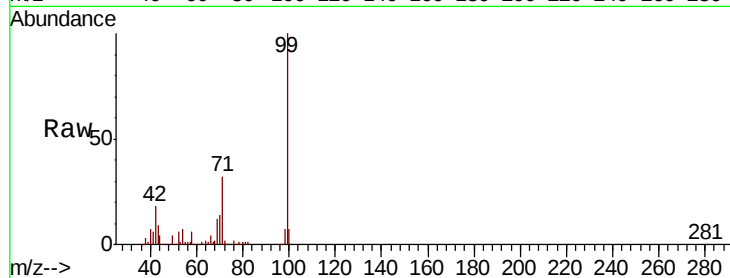
ClientSampleId :

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Tot Ion:	99	Resp:	750004
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.2	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

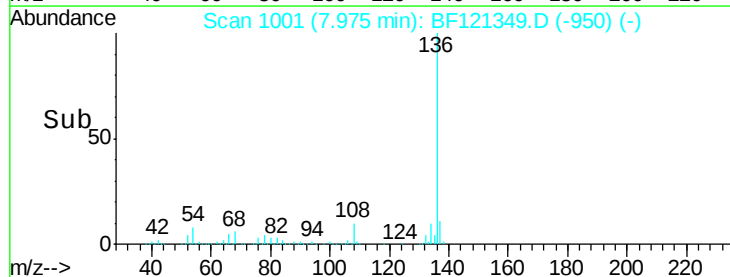
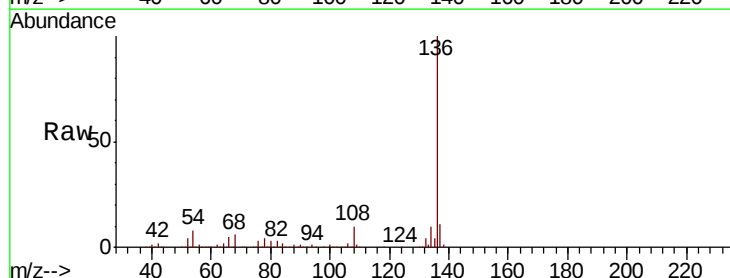
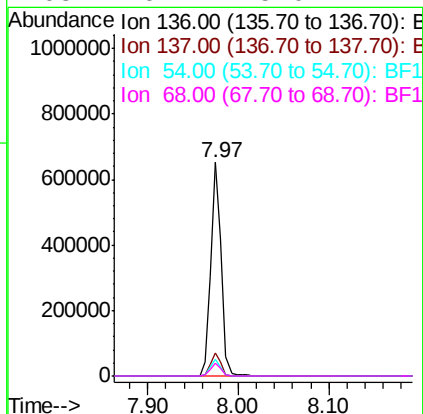
RT: 7.97 min Scan# 1001

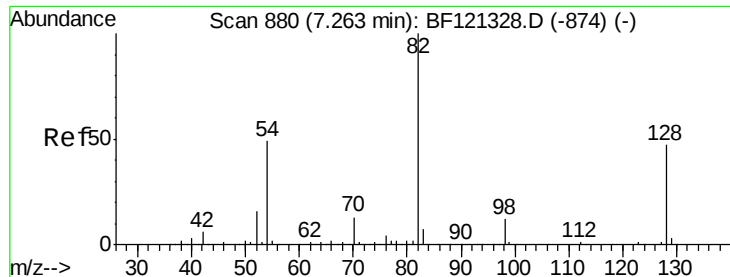
Delta R.T. 0.00 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Tgt Ion:	136	Resp:	532188
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.1	9.1
68	6.1	5.0	7.4





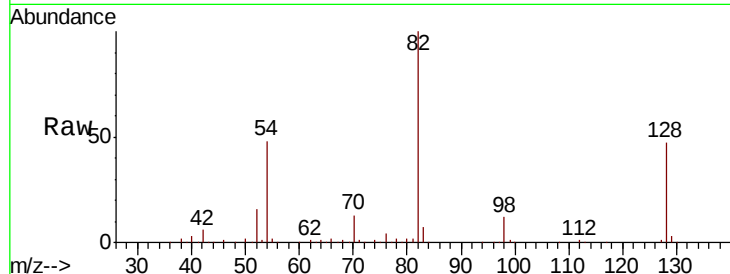
#23
 Nitrobenzene-d5
 Concen: 50.805 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

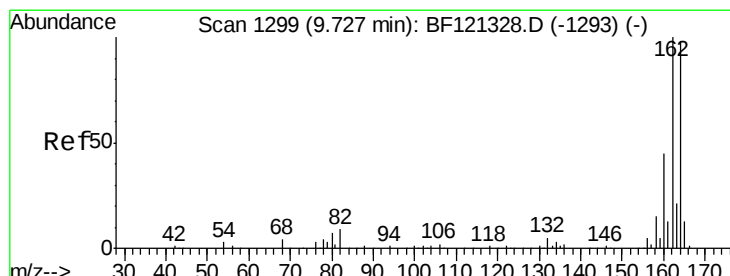
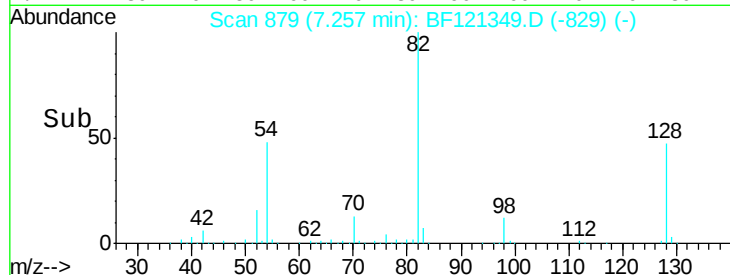
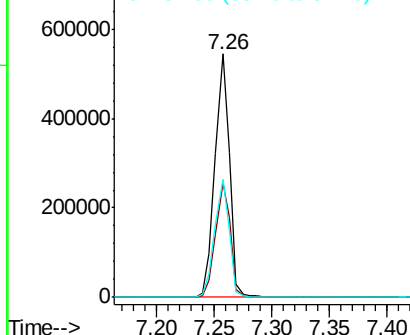
Tot Ion:	82	Resp:	478074
Ion Ratio	Lower	Upper	
82	100		
128	46.7	37.9	56.9
54	48.5	39.0	58.4

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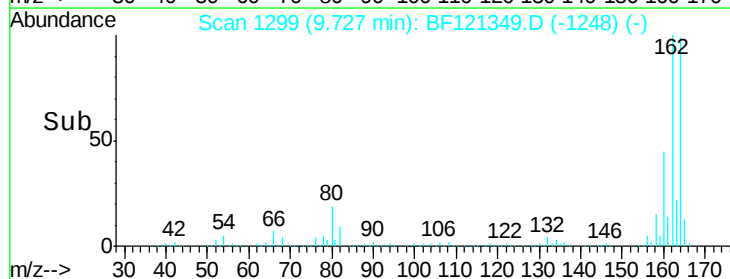
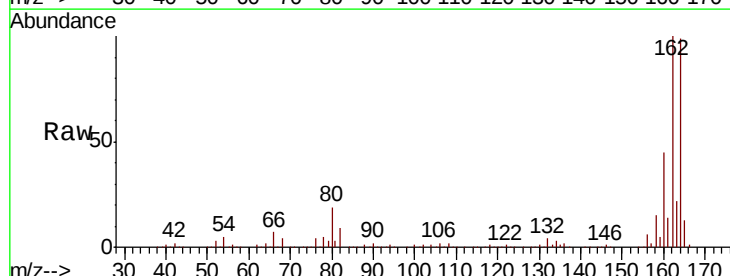
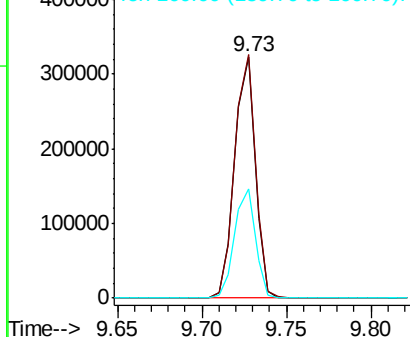
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

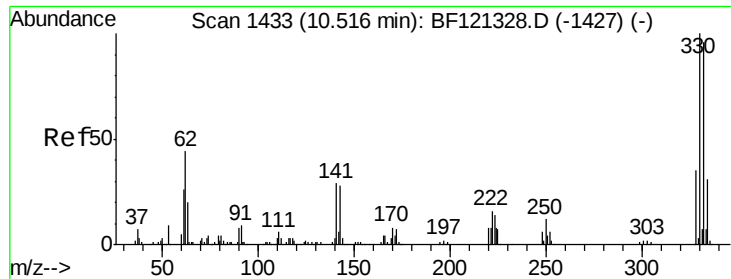


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion:	164	Resp:	274678
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.7	122.5
160	45.6	37.0	55.4

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





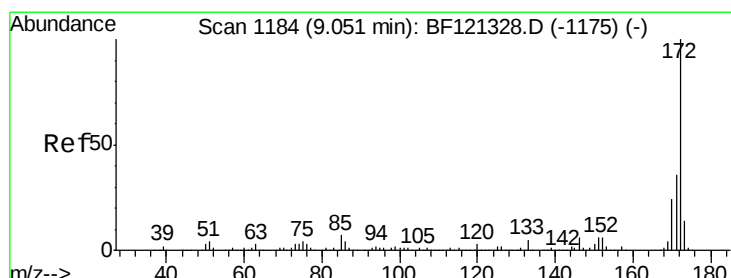
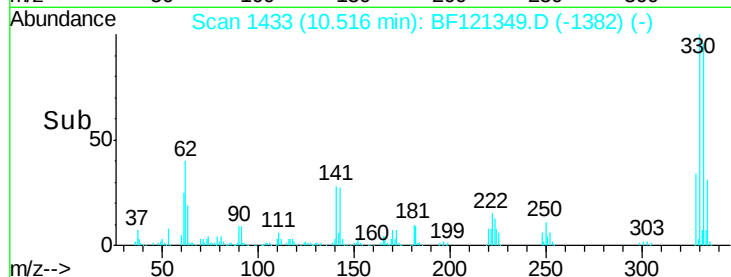
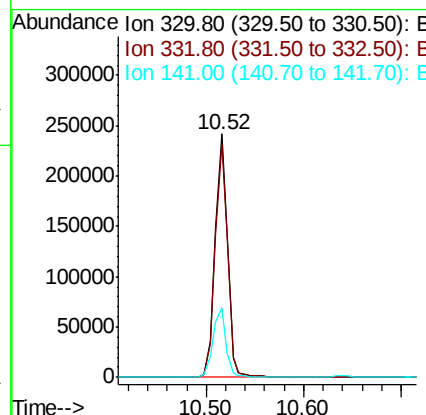
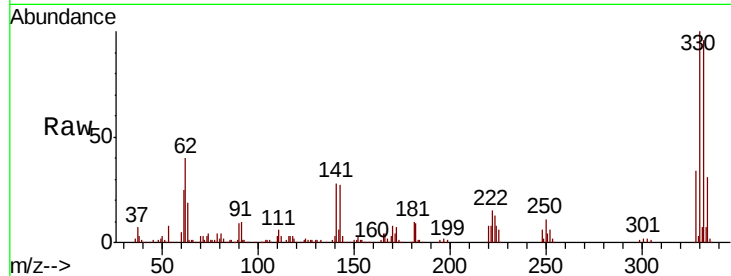
#42
 2,4,6-Tribromophenol
 Concen: 67.416 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	215791		
332	96.0	76.9	115.3	
141	30.8	22.8	34.2	

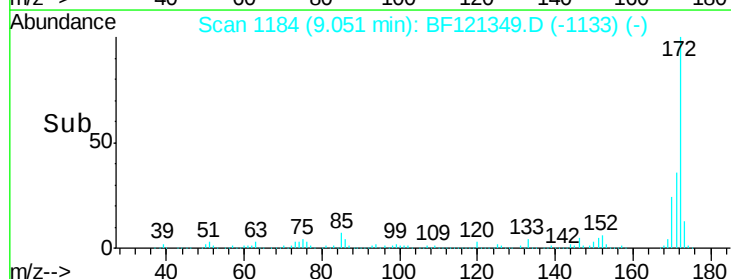
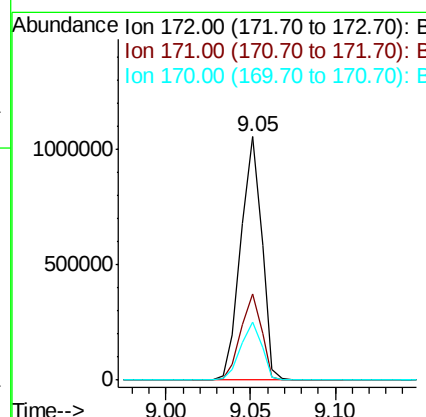
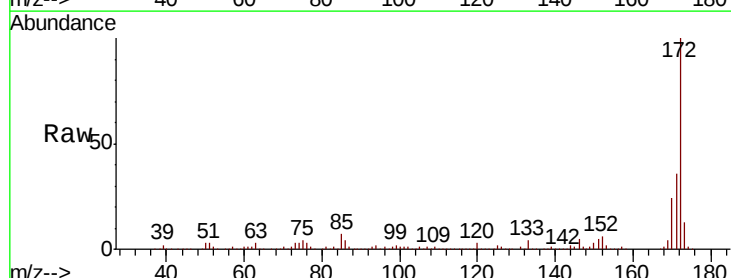
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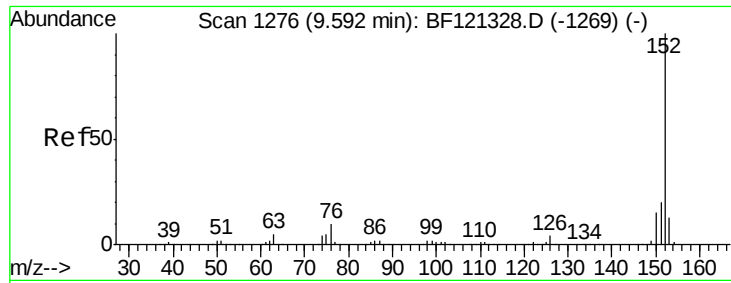
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#45
 2-Fluorobiphenyl
 Concen: 60.577 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	919912		
171	35.6	29.0	43.6	
170	23.8	19.4	29.2	





#49

Acenaphthylene

Concen: 2.604 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Instrument :

BNA_F

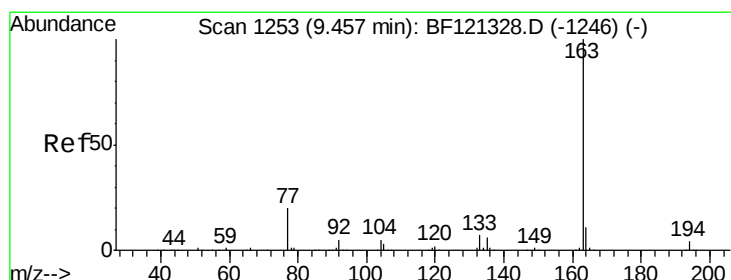
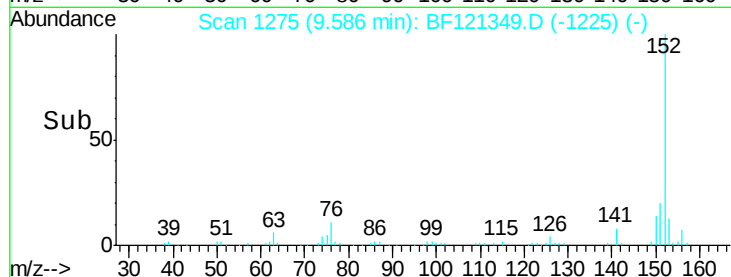
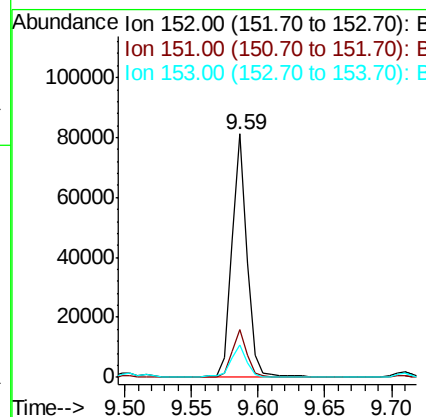
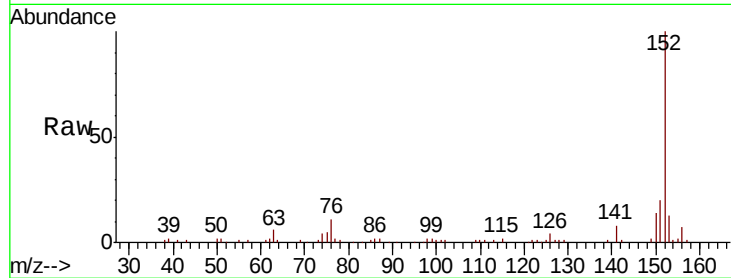
ClientSampleId :

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Tot Ion:	152	Resp:	65613
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.4	24.6
153	13.3	10.6	16.0

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#50

Dimethylphthalate

Concen: 9.932 ng

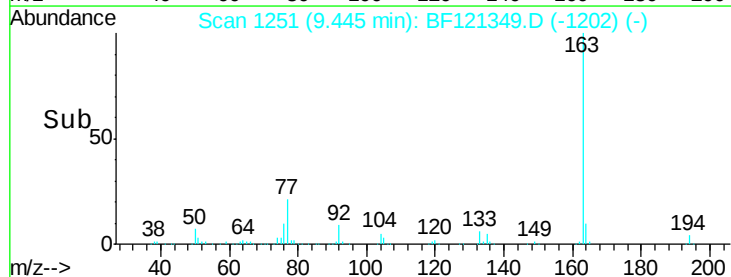
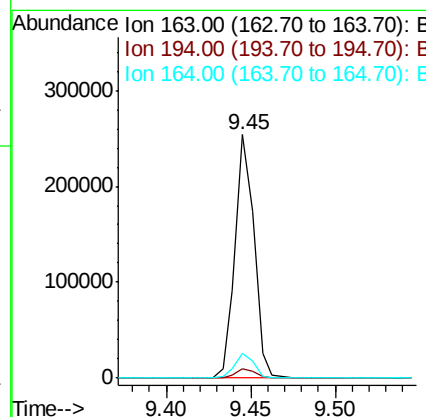
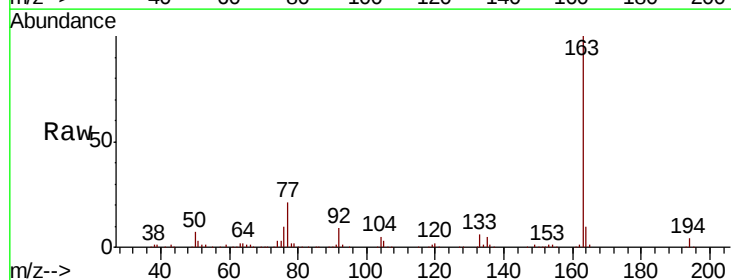
RT: 9.45 min Scan# 1251

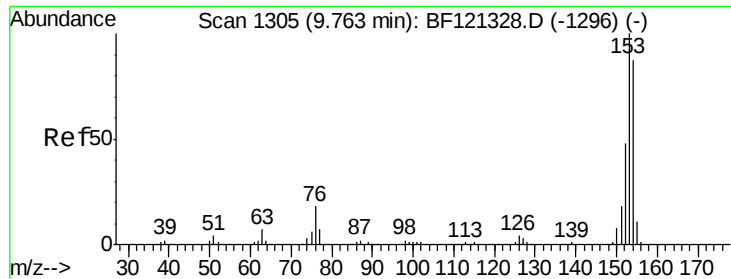
Delta R.T. -0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Tgt Ion:	163	Resp:	198474
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.3	8.4	12.6





#52

Acenaphthene

Concen: 4.216 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Instrument :

BNA_F

ClientSampleId :

BROOKLYN-BRIDGE

Tot Ion:154 Resp: 64538

Ion Ratio Lower Upper

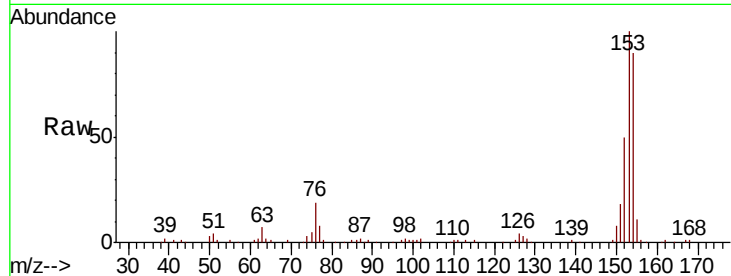
154 100

153 110.9 92.0 138.0

152 55.0 44.6 66.8

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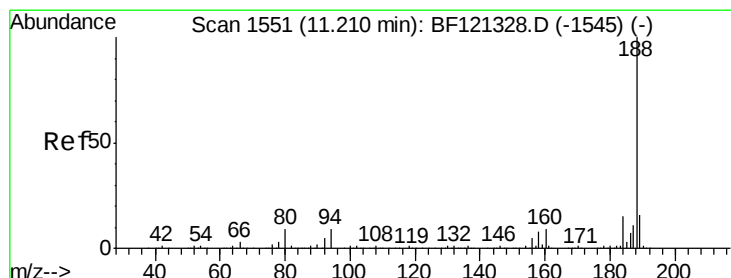
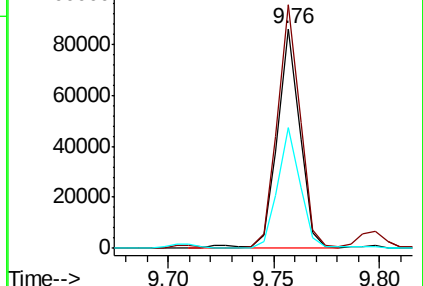
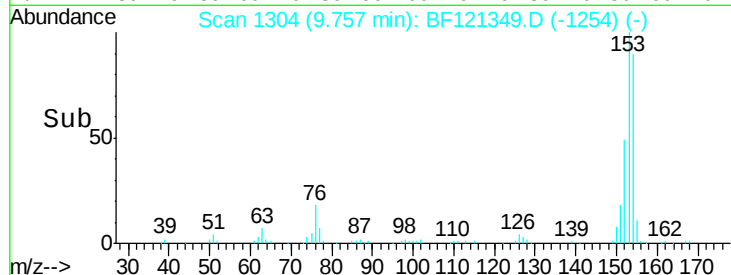
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

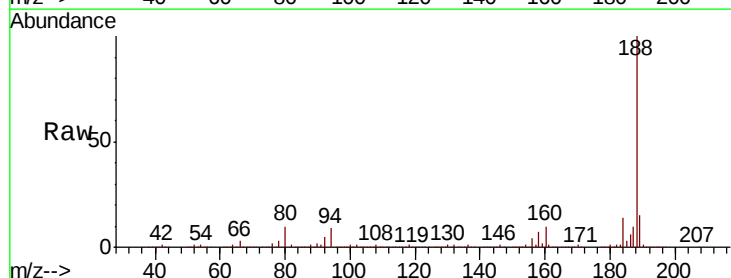
Tgt Ion:188 Resp: 502170

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

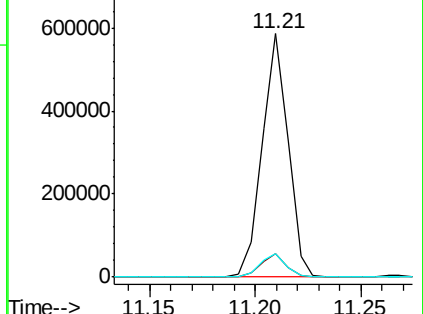
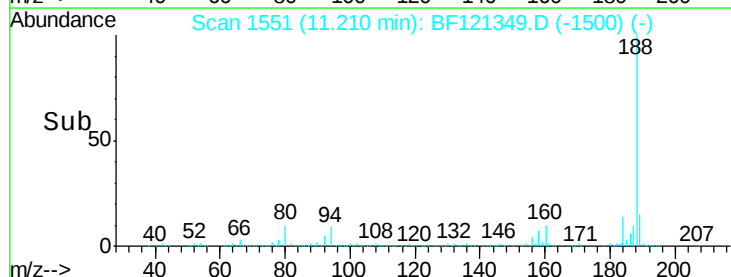
80 9.6 7.4 11.0

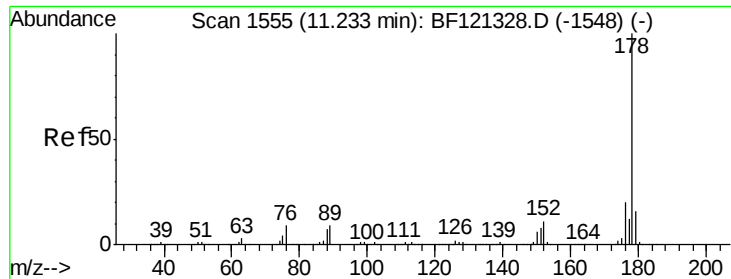


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





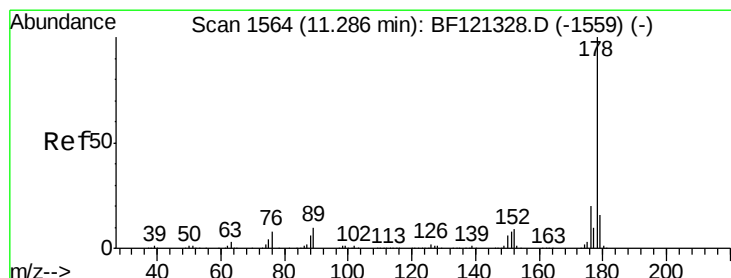
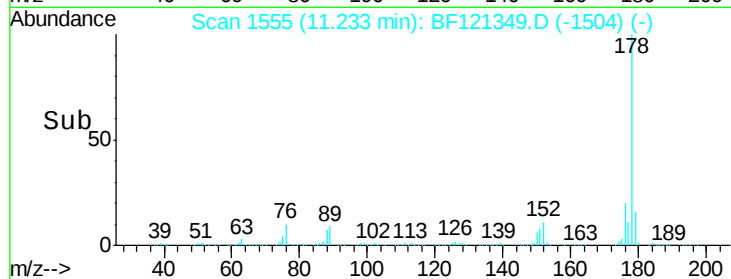
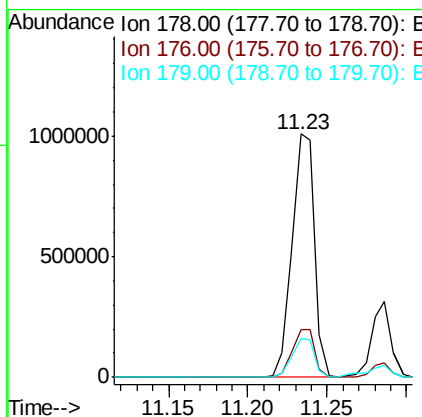
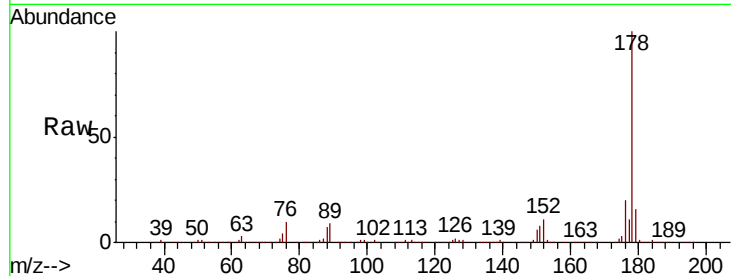
#71
 Phenanthrene
 Concen: 37.881 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.9	12.8	19.2

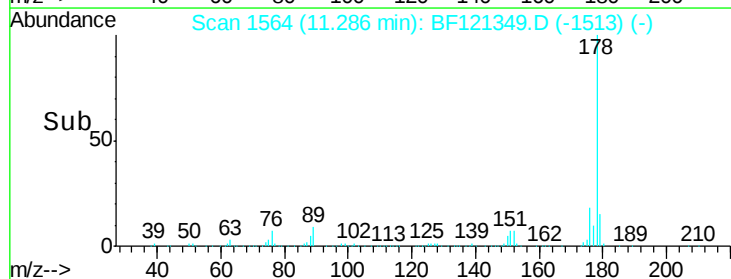
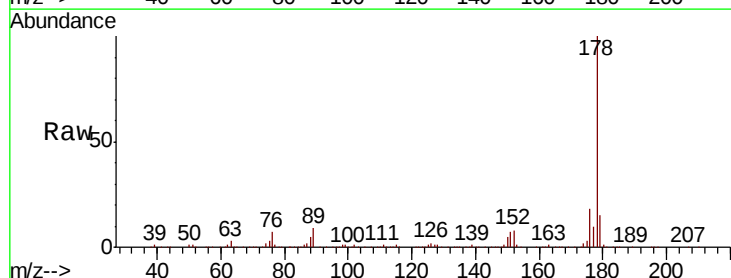
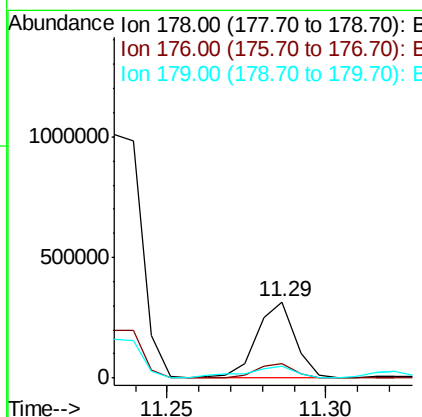
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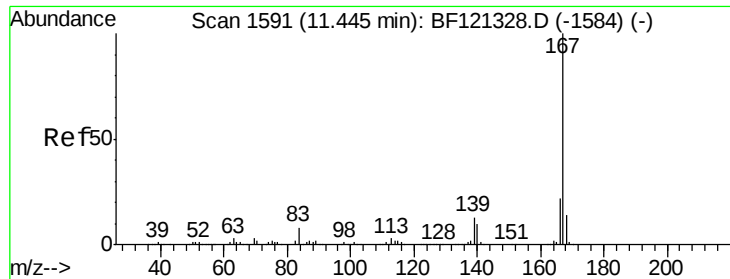
mohammad
 8/21/2020 12:49:58 PM



#72
 Anthracene
 Concen: 10.528 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.3	12.8	19.2





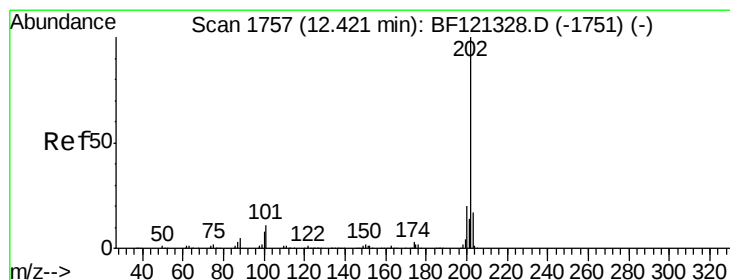
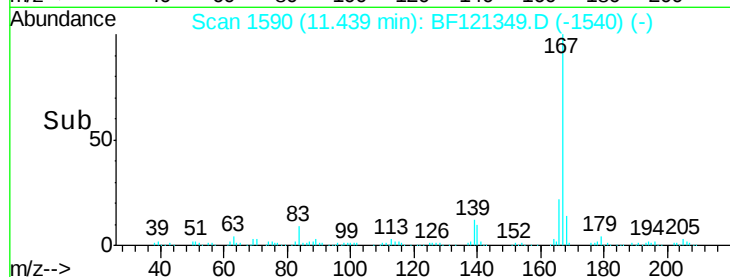
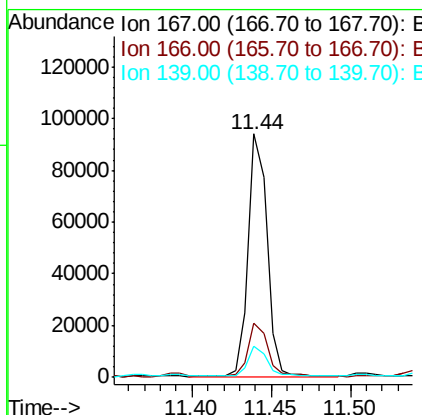
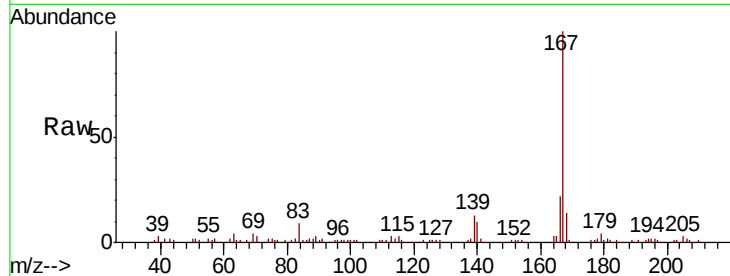
#73
 Carbazole
 Concen: 3.253 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.7	26.5	
139	12.7	10.2	15.2	

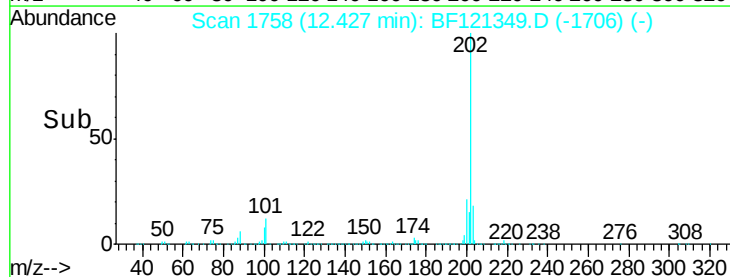
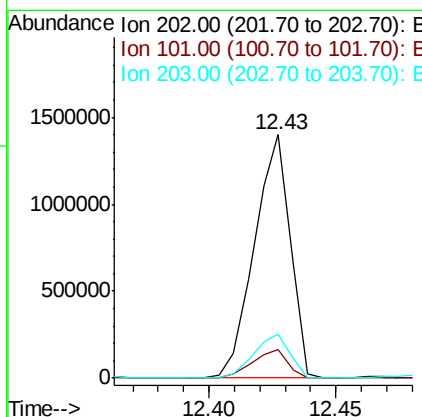
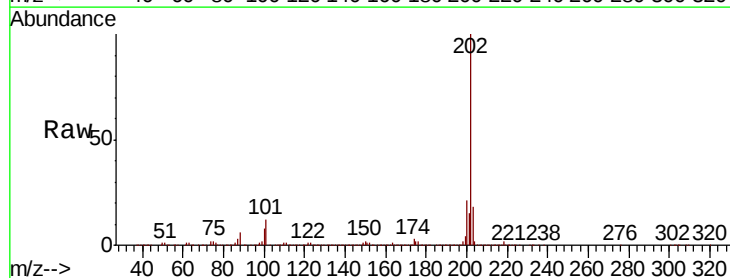
Manual Integrations
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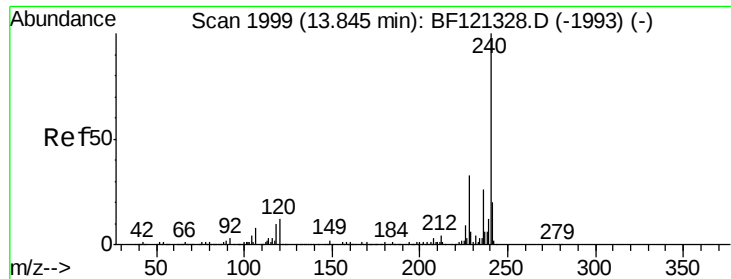
mohammad
 8/21/2020 12:49:58 PM



#75
 Fluoranthene
 Concen: 48.835 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.6	0.0	30.6	
203	18.1	0.0	37.5	





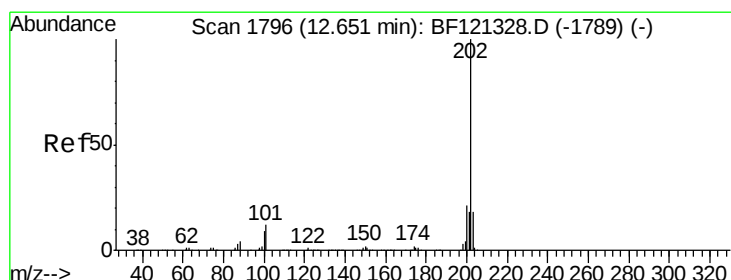
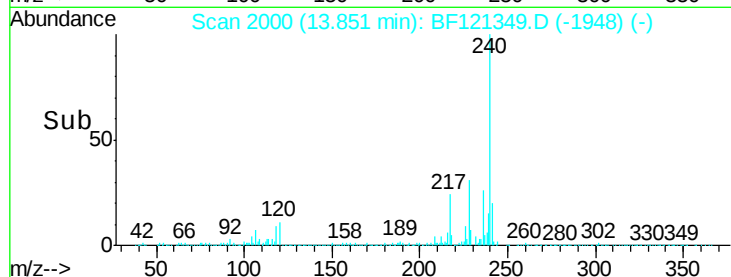
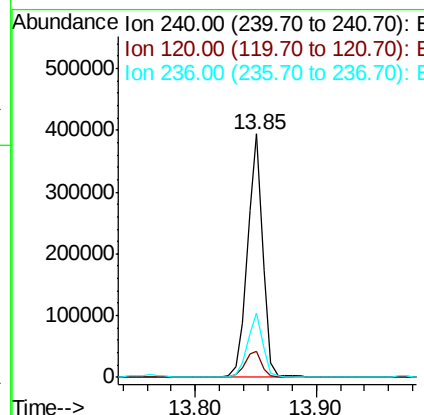
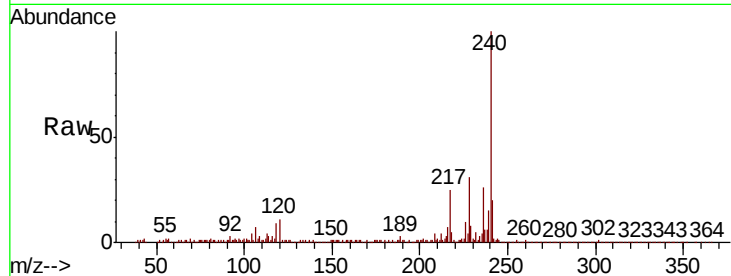
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Instrument :
BNA_F
ClientSampleId :
BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	26.3	20.6	31.0

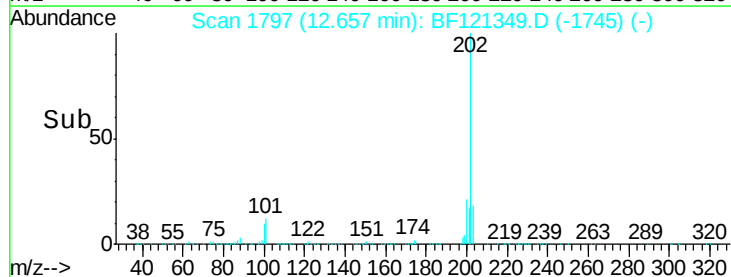
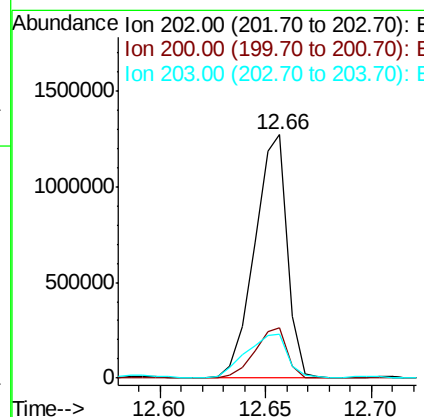
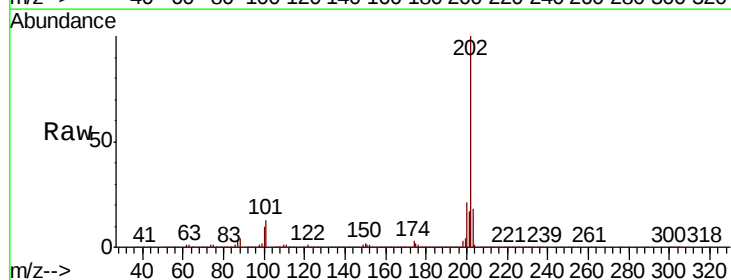
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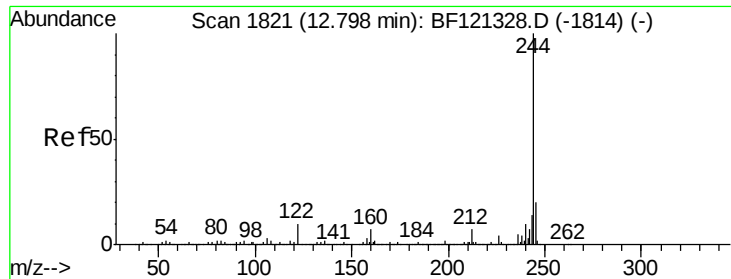
mohammad
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#78
Pyrene
Concen: 52.503 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.0	14.2	21.2





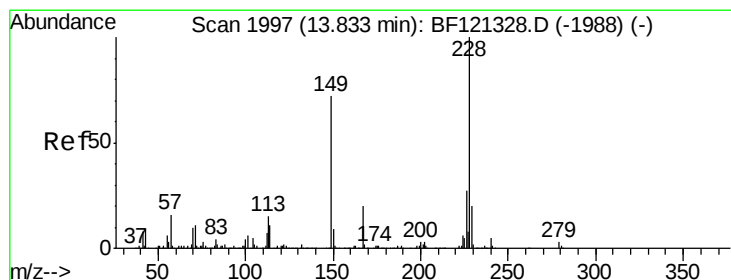
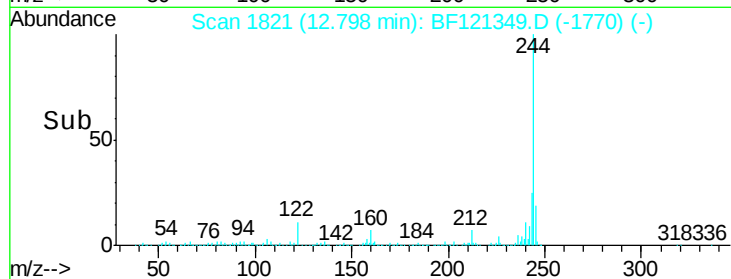
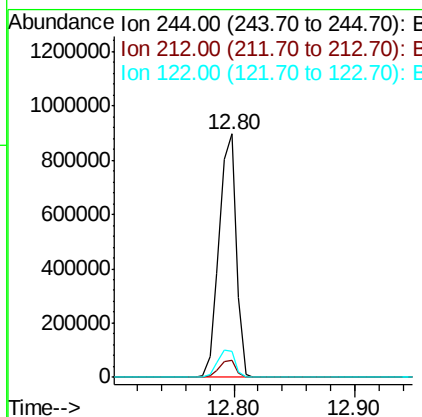
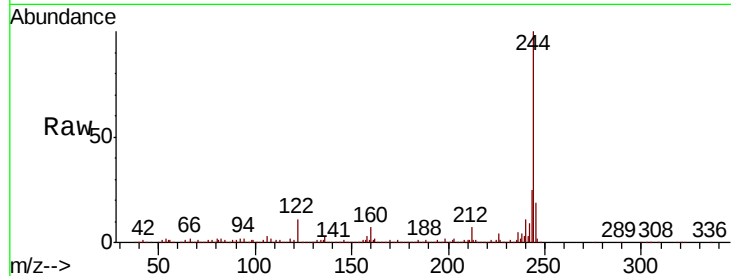
#79
 Terphenyl-d14
 Concen: 49.650 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	7.8	11.8

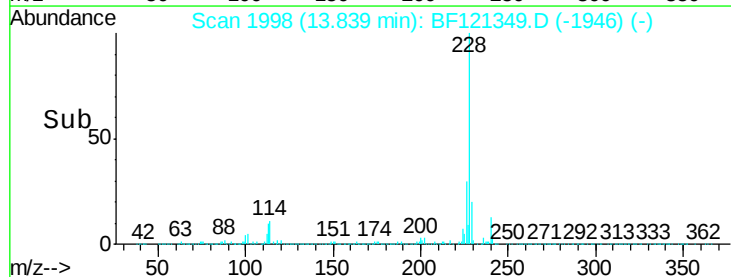
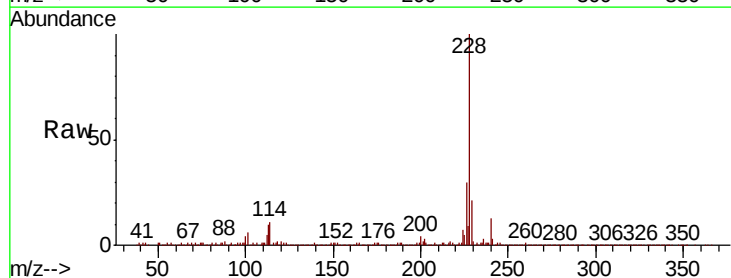
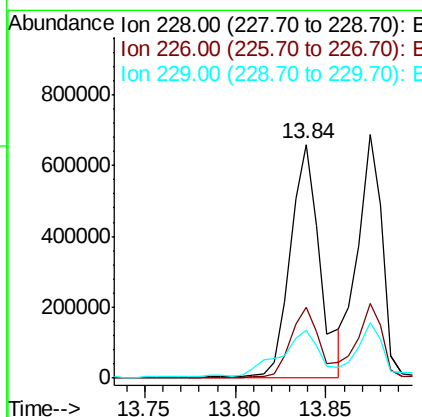
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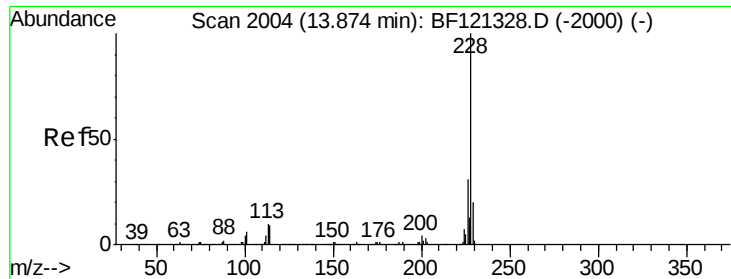
mohammad
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#81
 Benzo(a)anthracene
 Concen: 35.213 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.6
229	20.6	15.8	23.8





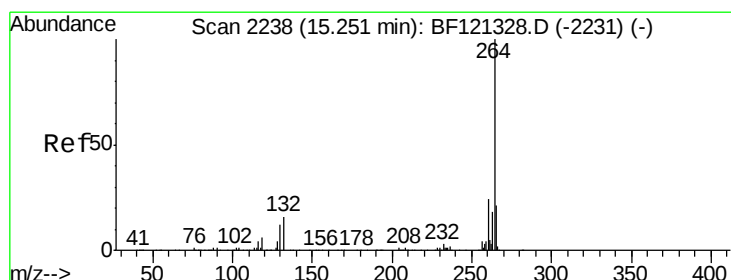
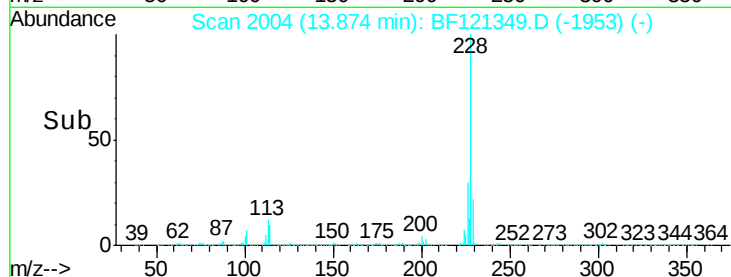
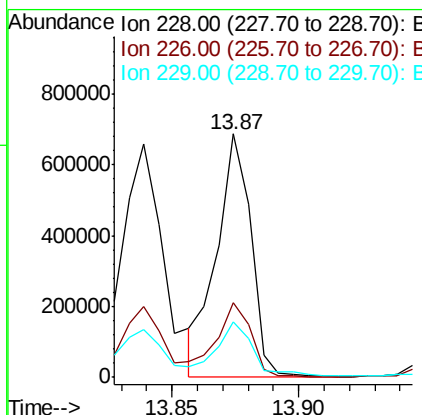
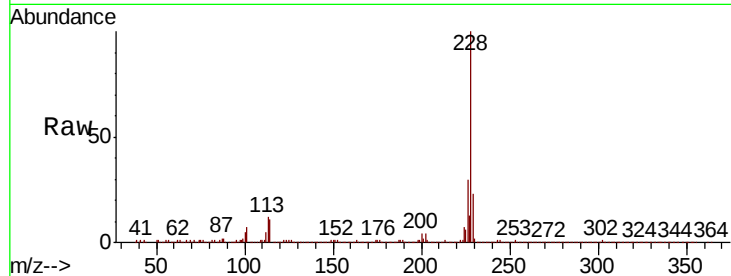
#83
Chrysene
Concen: 29.362 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Instrument :
BNA_F
ClientSampleId :
BROOKLYN-BRIDGE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		642861		
226	30.4	24.6	36.8		
229	22.9	15.9	23.9		

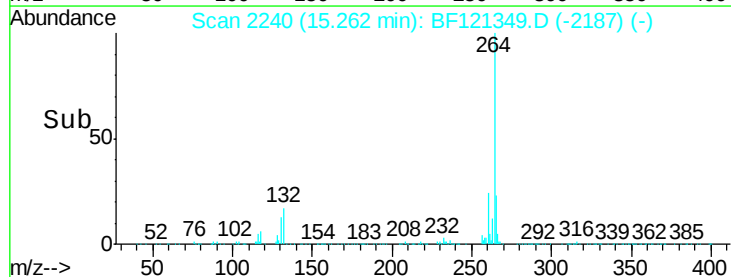
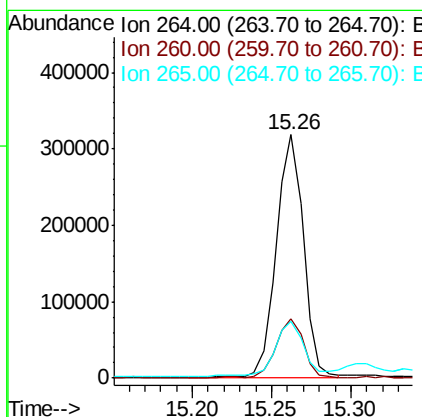
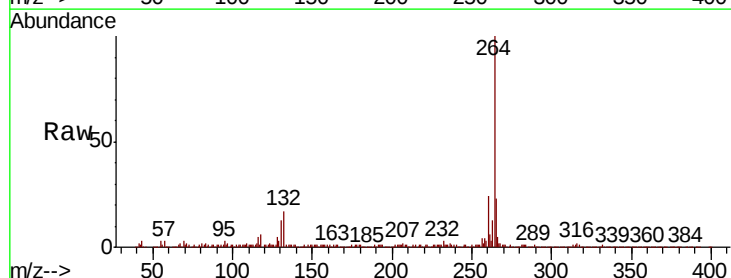
Manual Integrations
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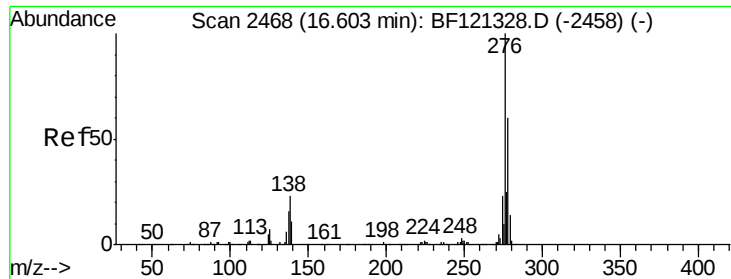
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		377034		
260	24.4	19.5	29.3		
265	23.4	17.1	25.7		





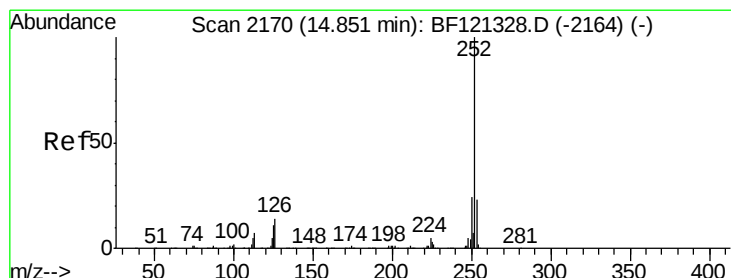
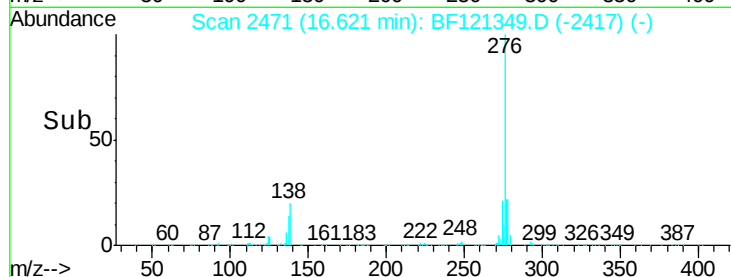
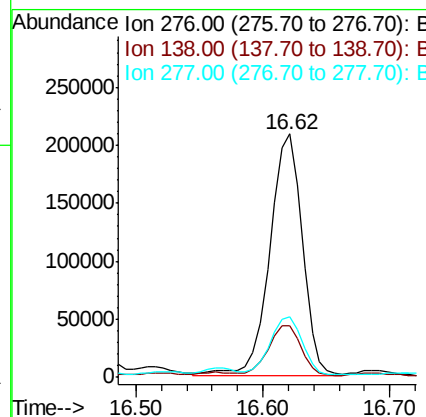
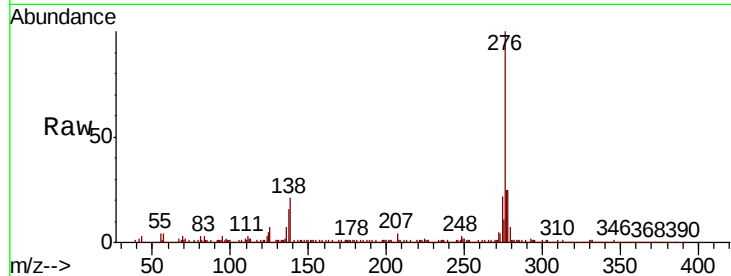
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 16.041 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.02 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.4	29.0
277	23.7	19.9	29.9

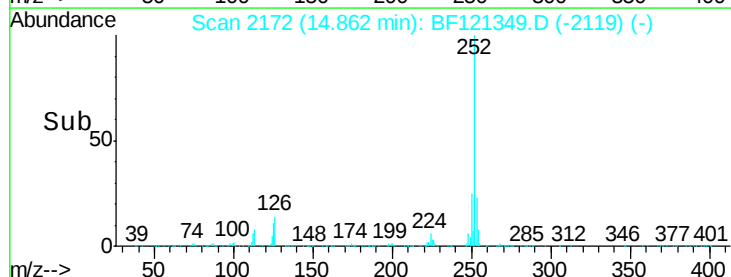
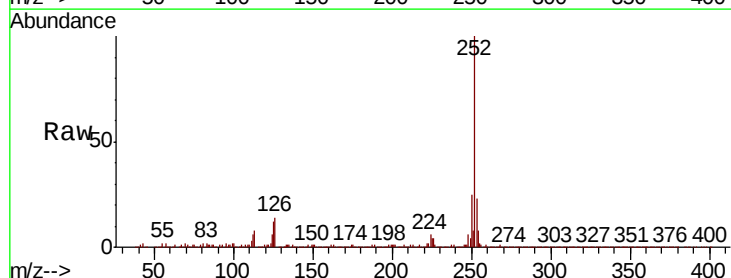
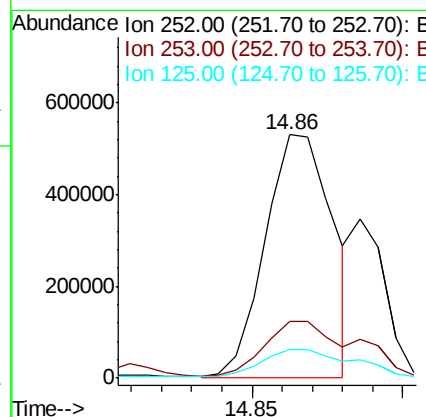
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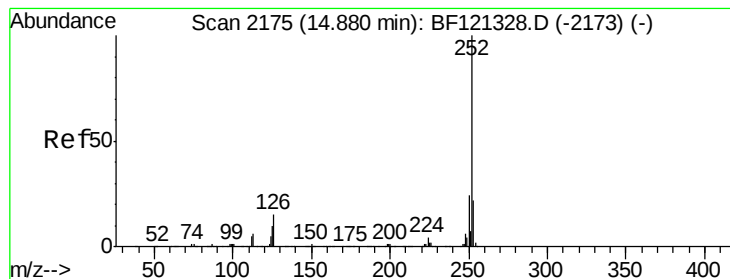
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 33.971 ng m
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF121349.D
 Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.9	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 12.273 ng/mL

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Instrument :

BNA_F

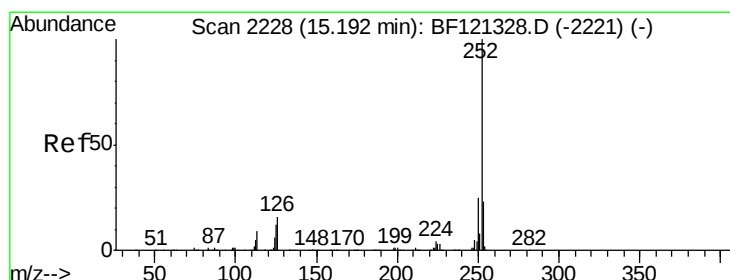
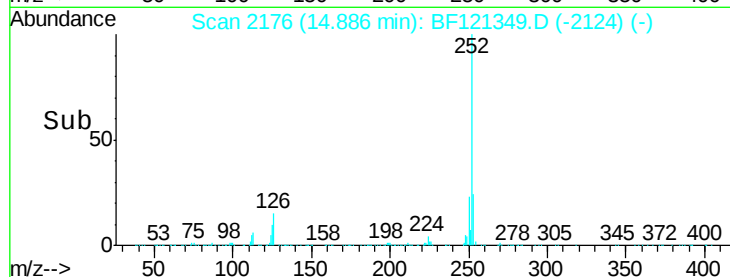
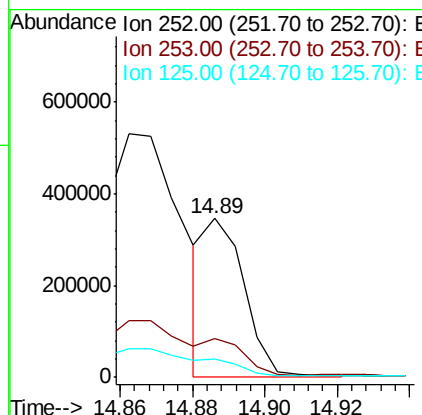
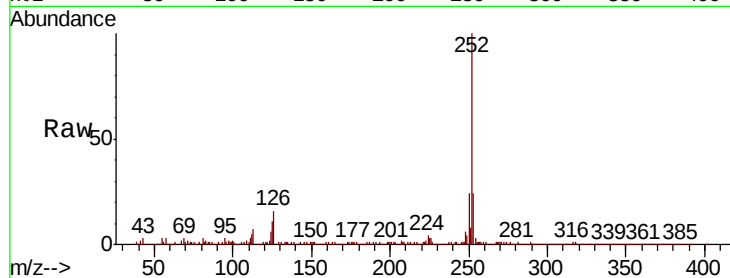
ClientSampleId :

BROOKLYN-BRIDGE

Tot Ion:	252	Resp:	263153
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	11.2	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 28.653 ng/mL

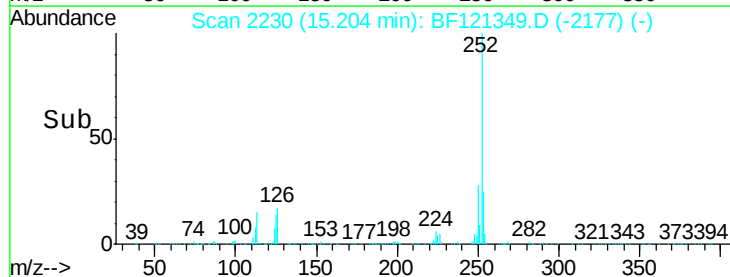
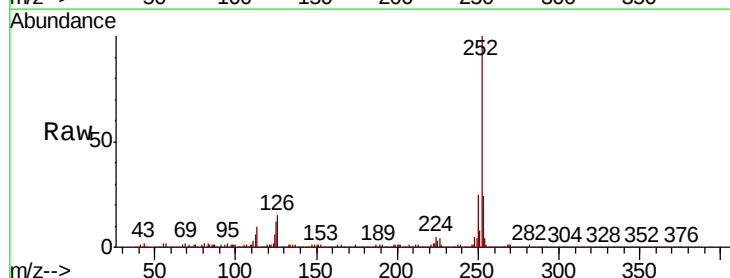
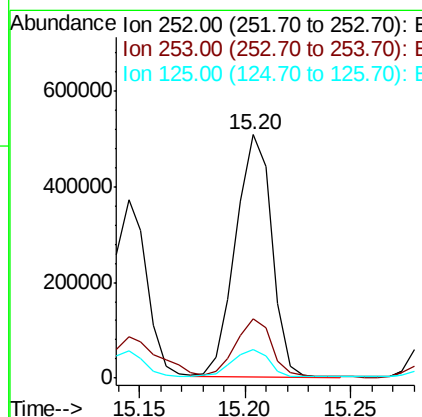
RT: 15.20 min Scan# 2230

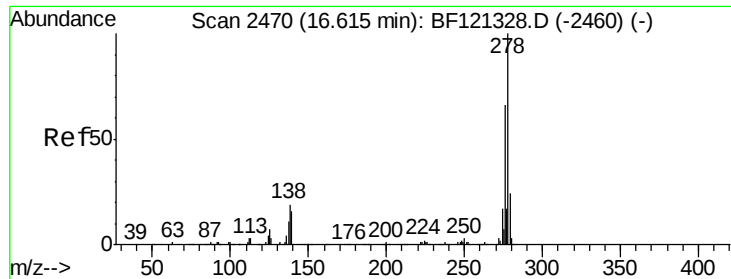
Delta R.T. 0.01 min

Lab File: BF121349.D

Acq: 20 Aug 2020 16:13

Tgt Ion:	252	Resp:	603035
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	11.9	9.4	14.0





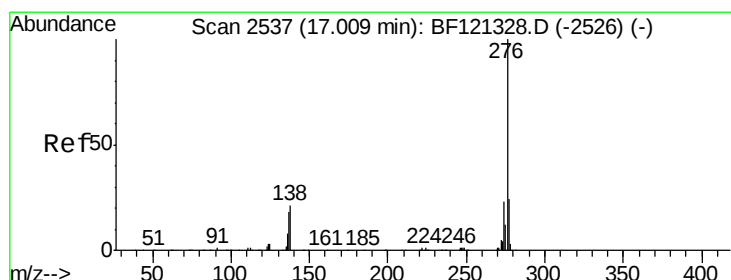
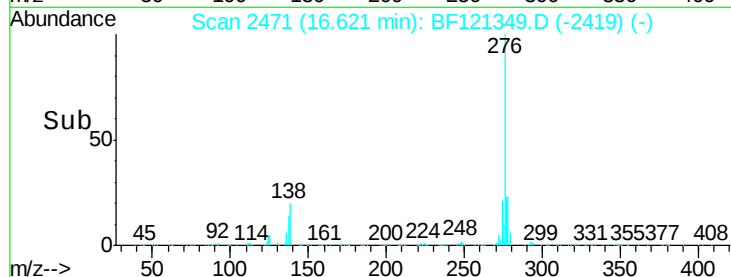
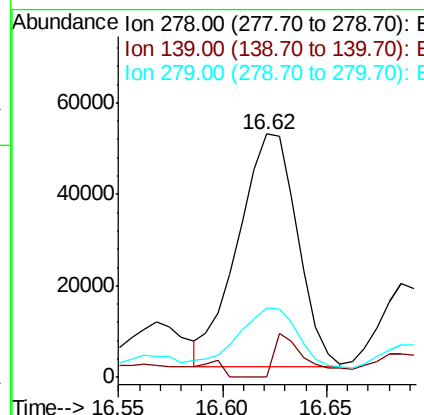
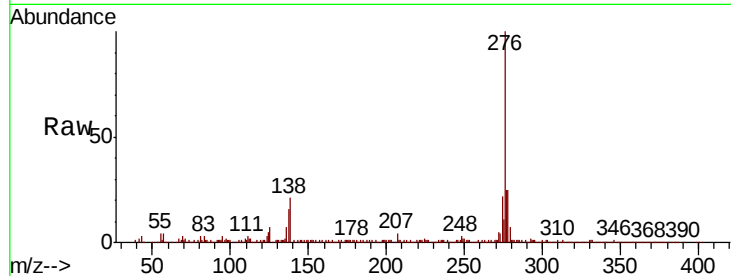
#91
Dibenzo(a,h)anthracene
Concen: 5.352 ng m
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Instrument :
BNA_F
ClientSampleId :
BROOKLYN-BRIDGE

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	28.5	19.4	29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 18.502 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BF121349.D
Acq: 20 Aug 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	22.8	16.8	25.2

