

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082820\
 Data File : BF121467.D
 Acq On : 28 Aug 2020 19:01
 Operator : JU/CG
 Sample : L3837-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-1218-01

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:31 AM

Quant Time: Sep 04 15:58:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312069	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1229932	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	641356	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1208182	20.00	ng	0.00
76) Chrysene-d12	14.02	240	861648	20.00	ng	0.00
86) Perylene-d12	15.49	264	779950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1408914	75.75	ng	0.00
7) Phenol-d6	6.48	99	1879760	72.32	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1225391	68.11	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	544322	84.03	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2253336	56.69	ng	0.00
79) Terphenyl-d14	12.97	244	2318283	56.63	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.61	163	143841	3.265	ng	98
71) Phenanthrene	11.40	178	207228	3.342	ng	97
75) Fluoranthene	12.59	202	494753	7.404	ng	96
78) Pyrene	12.82	202	473959	7.702	ng	96
81) Benzo(a)anthracene	14.01	228	285798	5.433	ng	95
83) Chrysene	14.04	228	228317	4.339	ng	96
88) Benzo(b)fluoranthene	15.06	252	264088m	5.205	ng	
90) Benzo(a)pyrene	15.42	252	190079	4.166	ng	99
92) Benzo(g,h,i)perylene	17.38	276	111629	2.950	ng	97

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

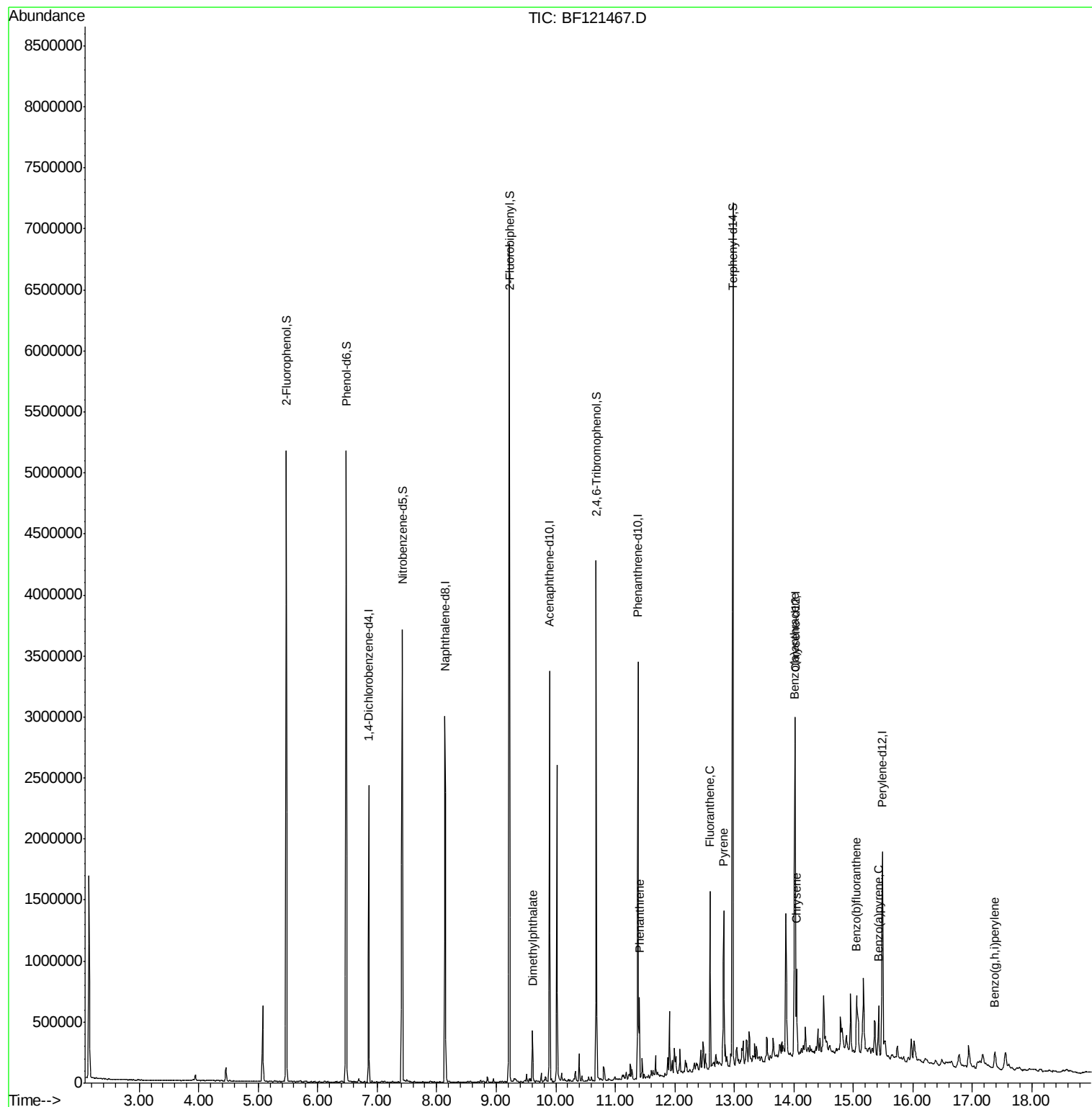
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082820\
Data File : BF121467.D
Acq On : 28 Aug 2020 19:01
Operator : JU/CG
Sample : L3837-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

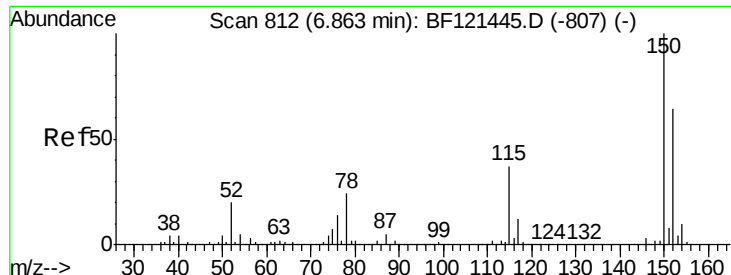
Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:31 AM

Quant Time: Sep 04 15:58:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration





#1

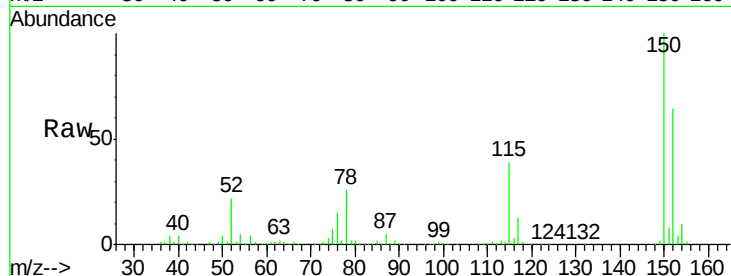
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.8	188.6
115	61.8	46.6	69.8

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:31 AM

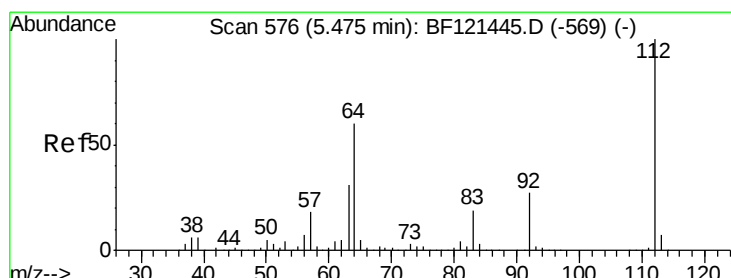
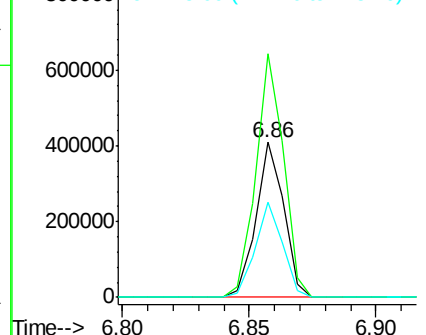
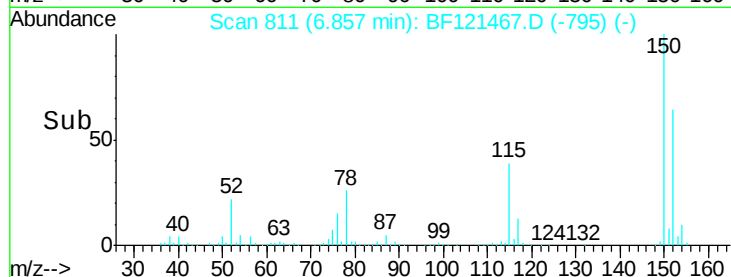


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

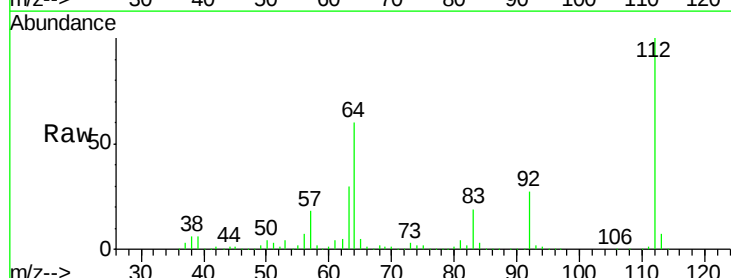
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.746 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.2	72.2
63	30.4	24.8	37.2

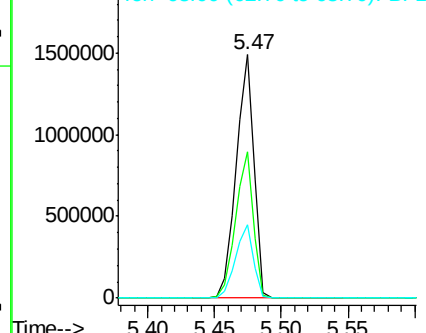
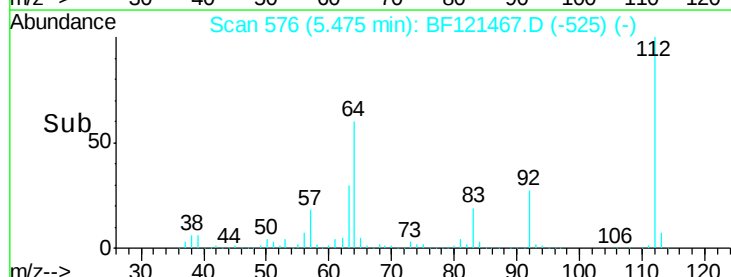


Abundance

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: 72.316 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121467.D

Acq: 28 Aug 2020 19:01

Instrument :

BNA_F

ClientSampleId :

789UMR-TP05-1218-01

Tot Ion: 99 Resp: 1879760

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

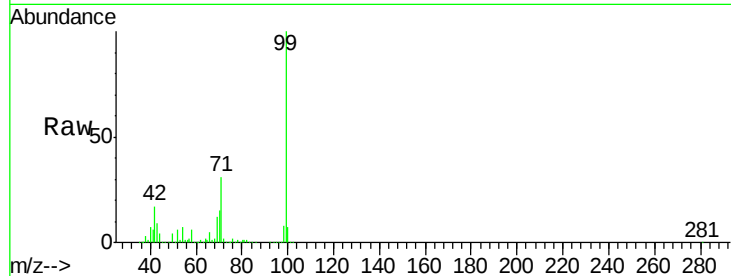
71 31.2 24.6 37.0

Manual Integrations

APPROVED

mohammad

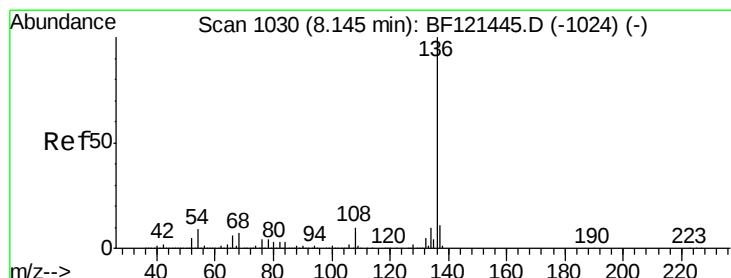
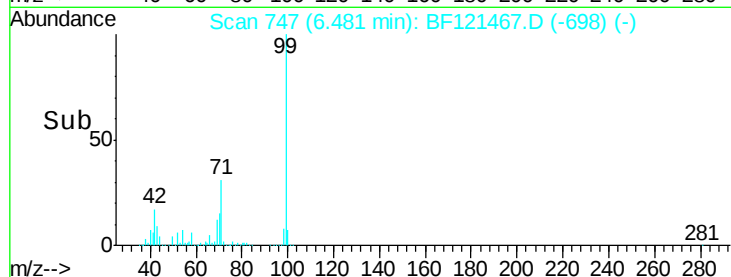
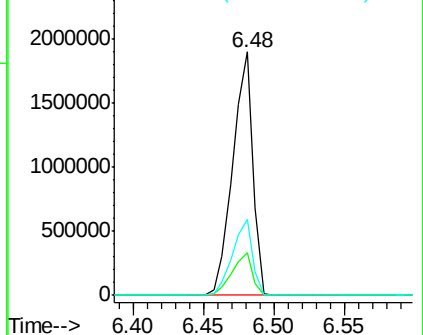
8/31/2020 10:27:31 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121467.D

Acq: 28 Aug 2020 19:01

Tgt Ion: 136 Resp: 1229932

Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.8 7.0 10.4

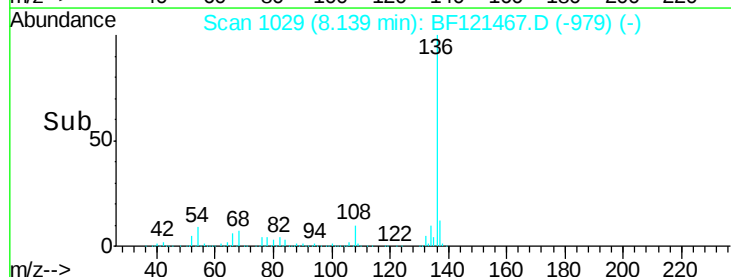
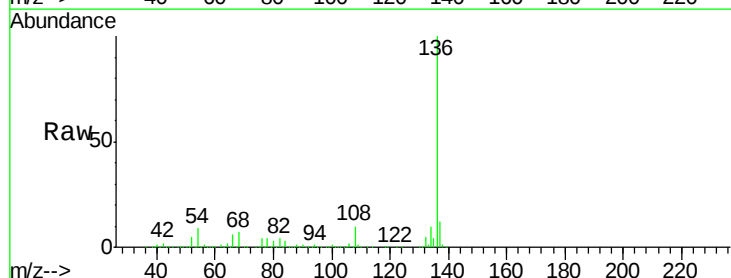
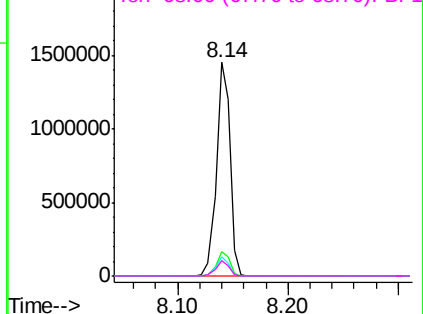
68 7.0 5.5 8.3

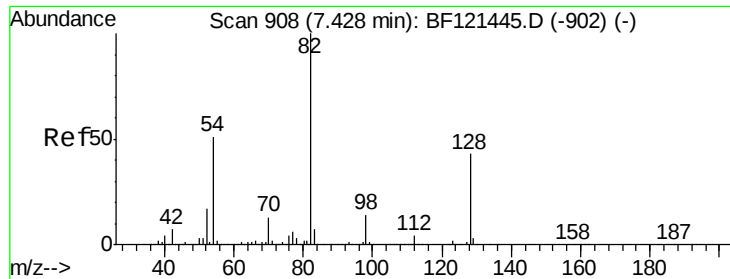
Abundance Ion 136.00 (135.70 to 136.70): E

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





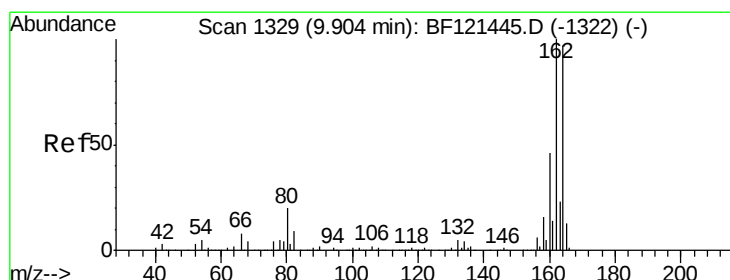
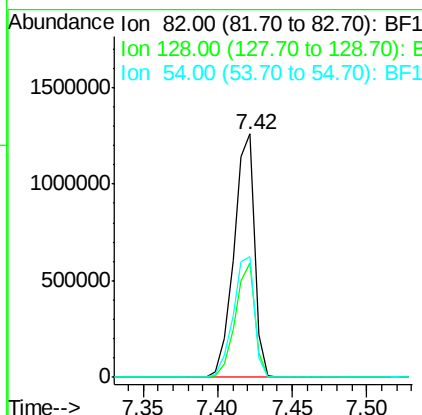
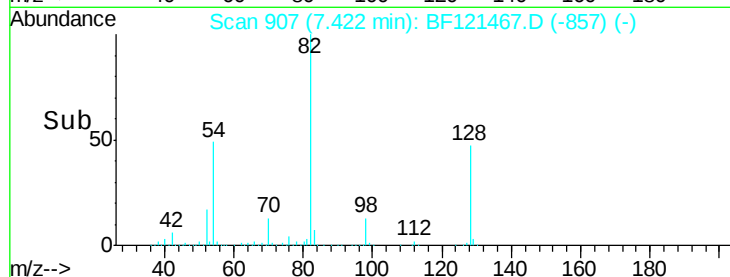
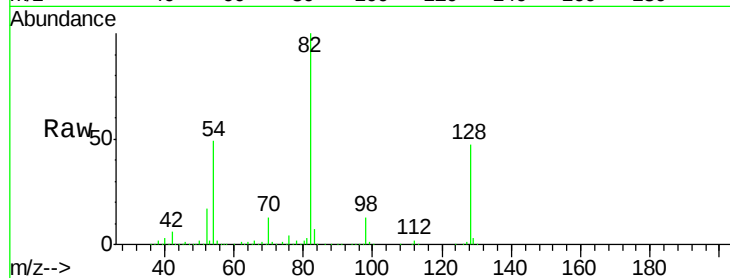
#23
 Nitrobenzene-d5
 Concen: 68.113 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121467.D
 Acq: 28 Aug 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-1218-01

Tot Ion	82	Resp	1225391
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.1	51.1
54	49.4	41.0	61.6

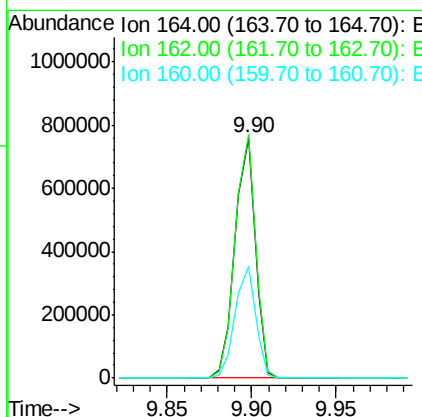
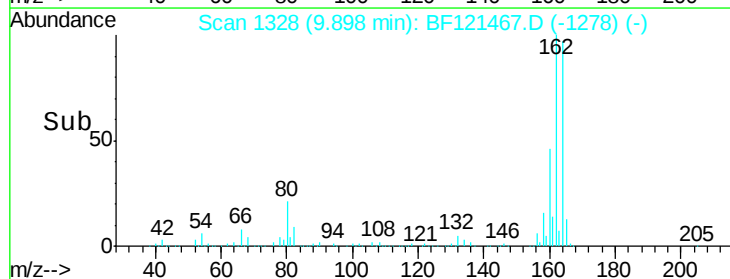
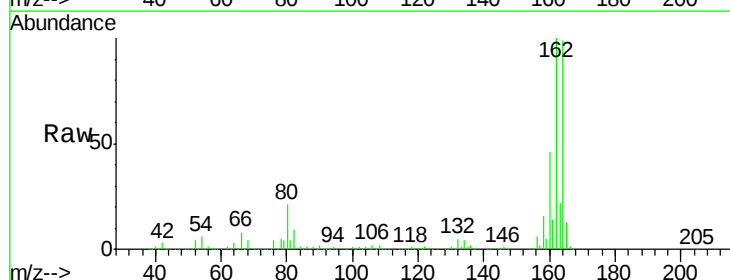
Manual Integrations
 APPROVED

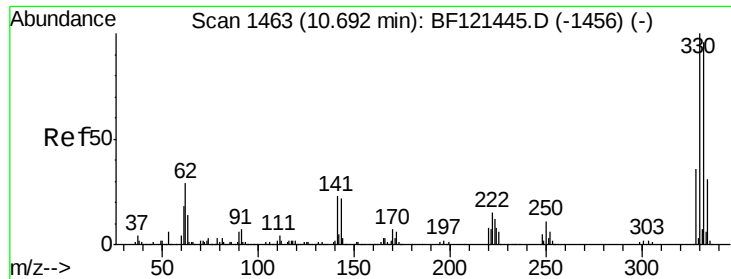
mohammad
 8/31/2020 10:27:31 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121467.D
 Acq: 28 Aug 2020 19:01

Tgt Ion	164	Resp	641356
Ion Ratio	Lower	Upper	
164	100		
162	101.4	82.4	123.6
160	46.6	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 84.026 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF121467.D

Acq: 28 Aug 2020 19:01

Instrument :

BNA_F

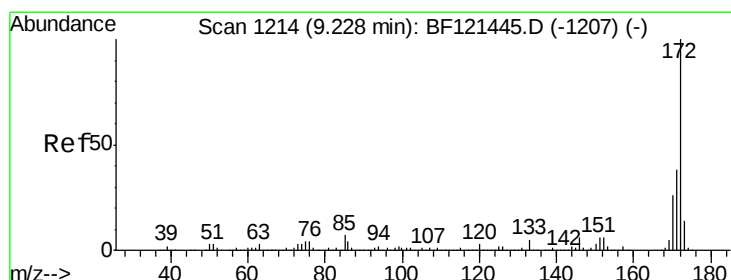
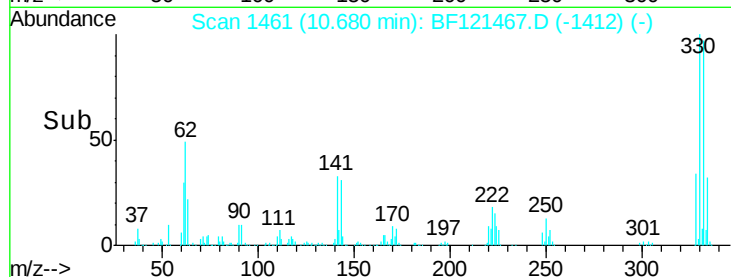
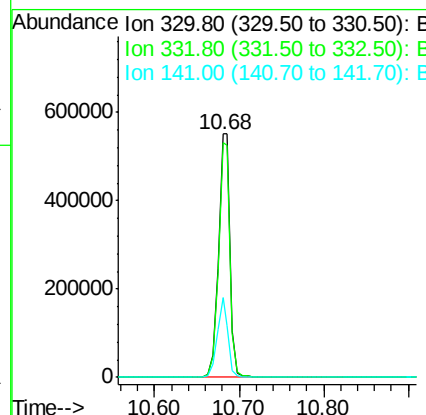
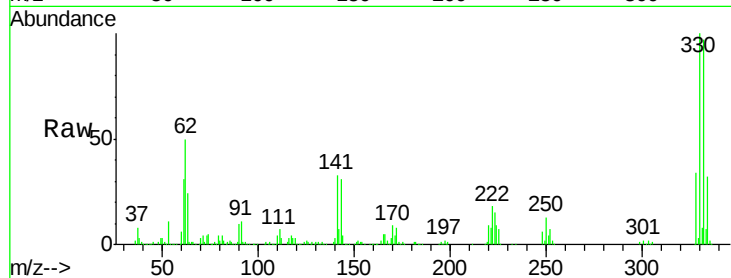
ClientSampleId :

789UMR-TP05-1218-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	30.2	24.6	36.8

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:31 AM



#45

2-Fluorobiphenyl

Concen: 56.690 ng

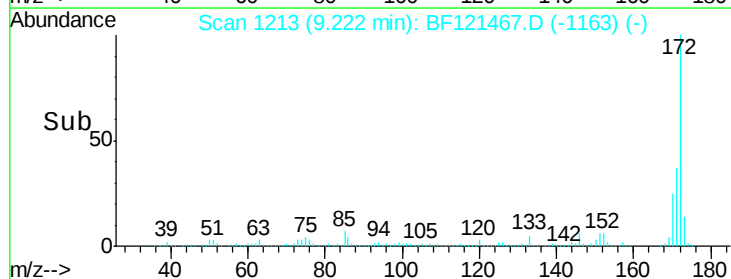
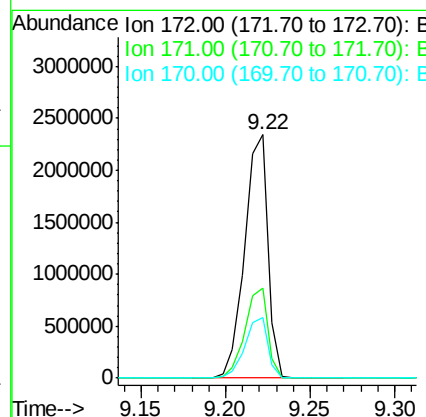
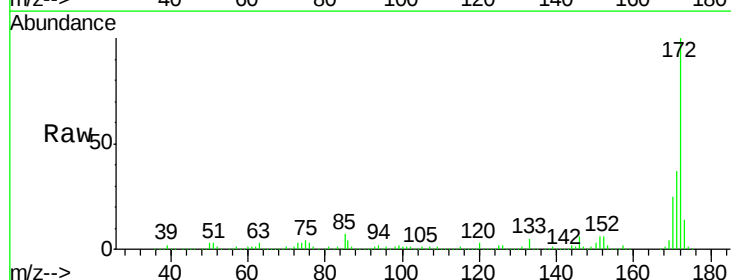
RT: 9.22 min Scan# 1213

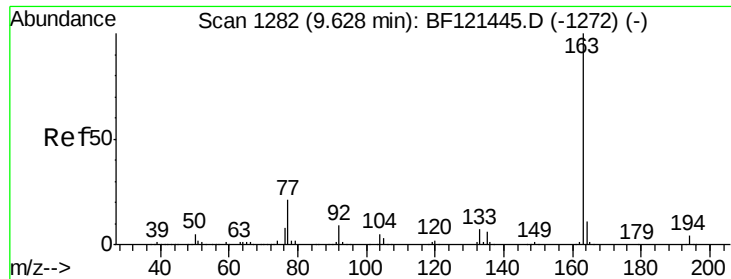
Delta R.T. -0.01 min

Lab File: BF121467.D

Acq: 28 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	25.1	20.6	31.0





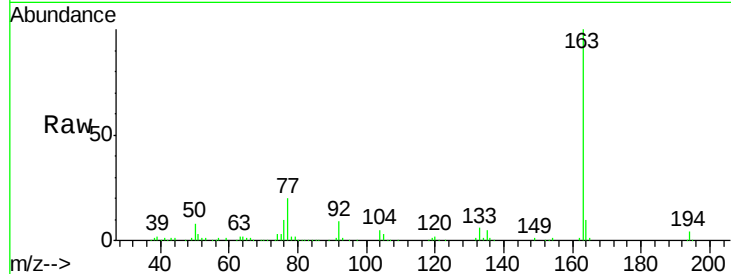
#50
Dimethylphthalate
Concen: 3.265 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

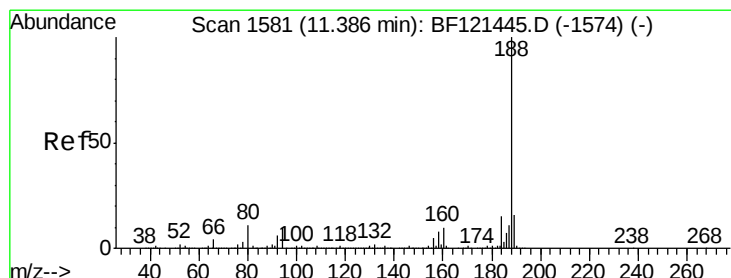
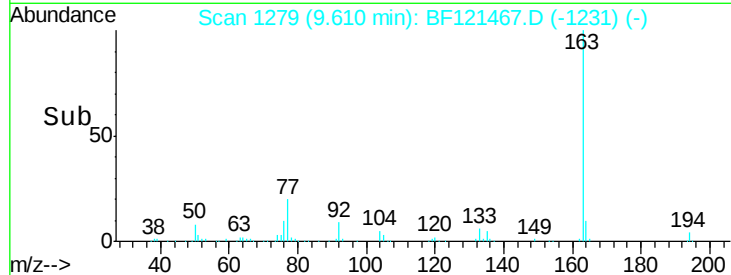
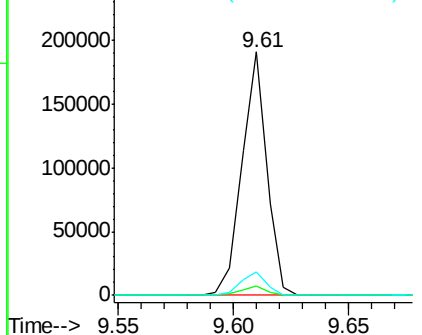
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.8		3.3	4.9	
164	9.7		8.6	12.8	

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:31 AM

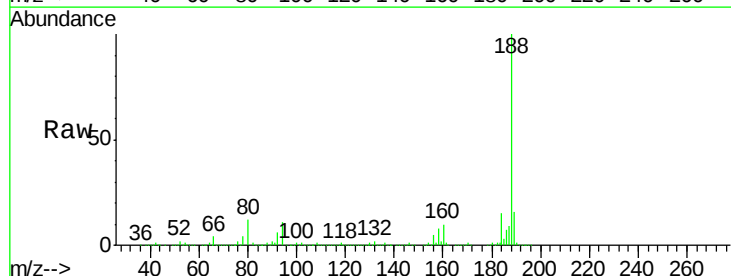


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

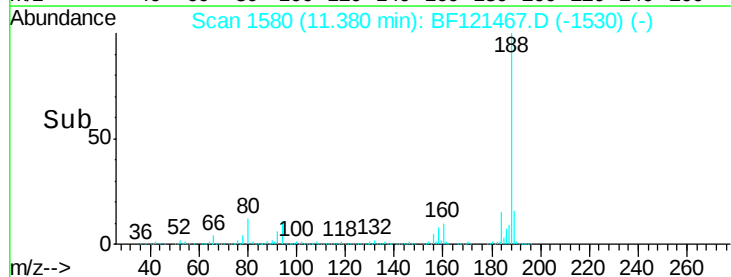
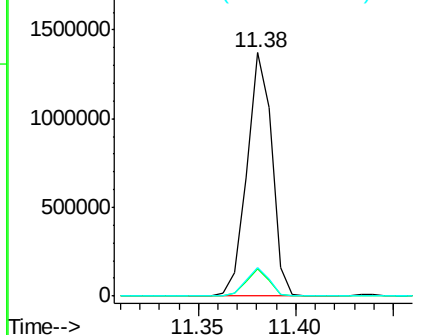


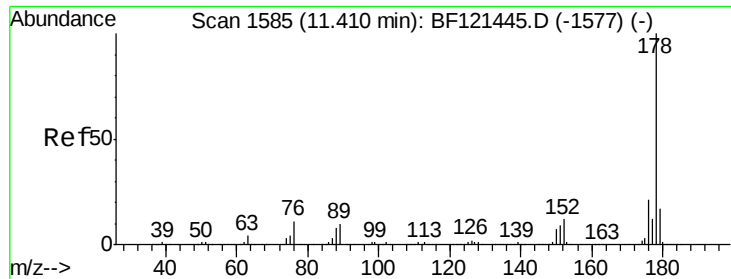
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.0		8.3	12.5	
80	11.8		8.6	13.0	



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: 3.342 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF121467.D

Acq: 28 Aug 2020 19:01

Instrument :

BNA_F

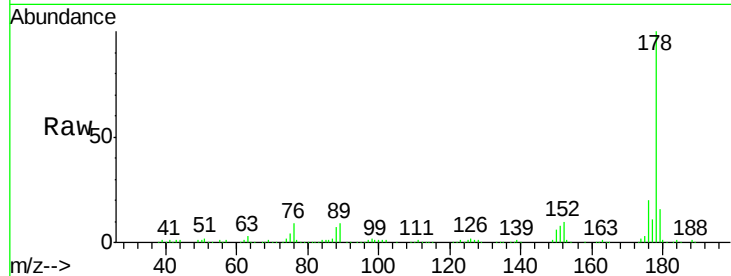
ClientSampleId :

789UMR-TP05-1218-01

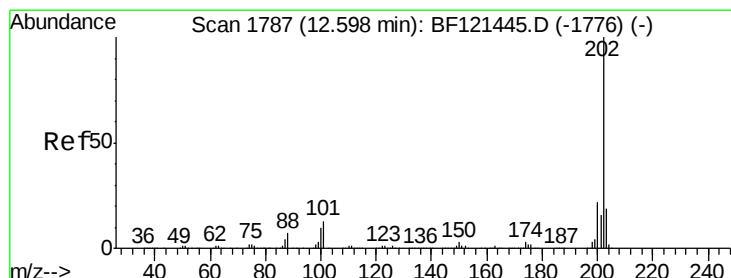
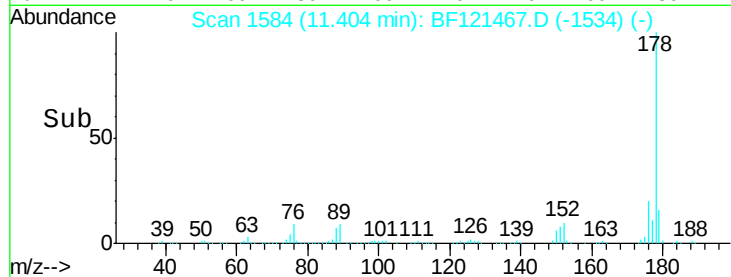
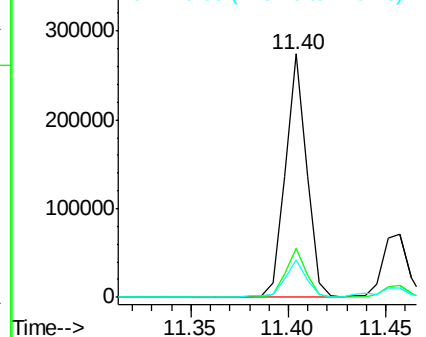
Tot Ion:	178	Resp:	207228
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.9	25.3
179	15.6	13.4	20.0

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:31 AM



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: 7.404 ng

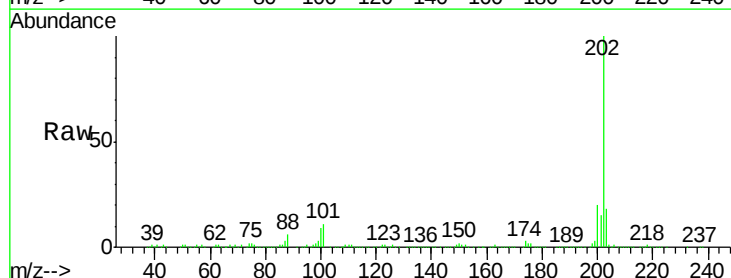
RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

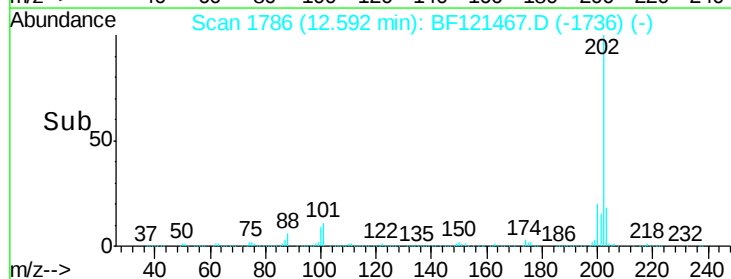
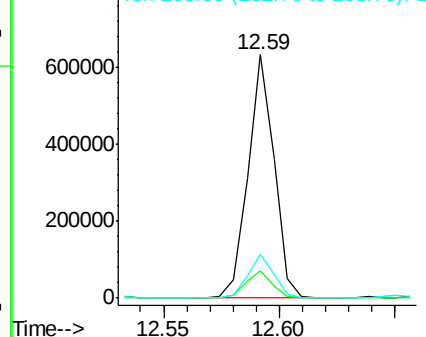
Lab File: BF121467.D

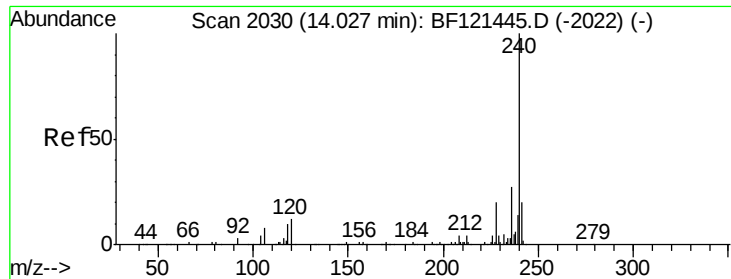
Acq: 28 Aug 2020 19:01

Tgt Ion:	202	Resp:	494753
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.3
203	18.0	0.0	39.1



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





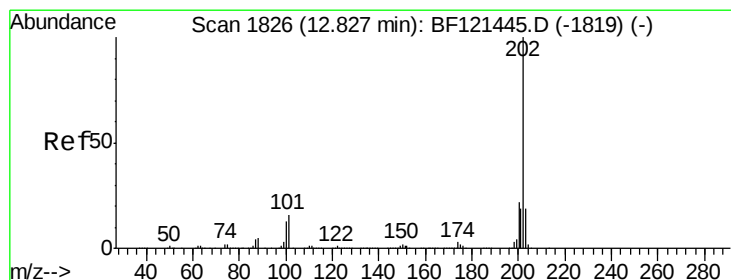
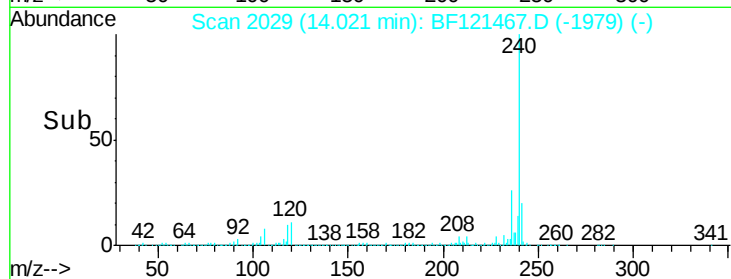
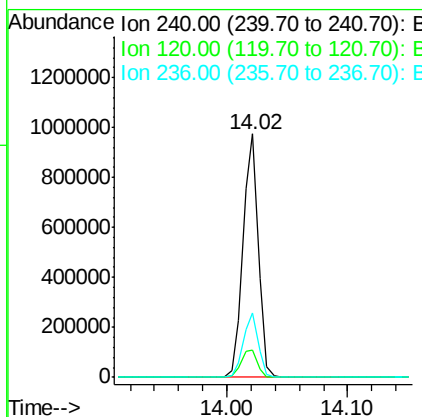
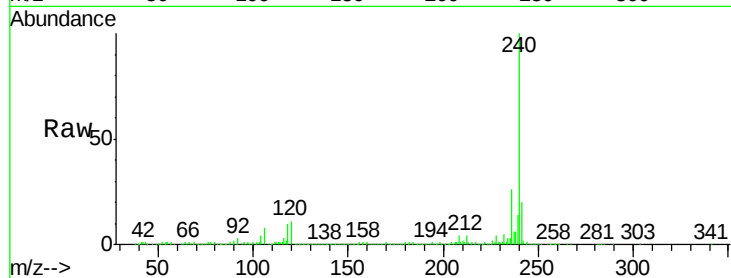
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.2	21.8	32.6

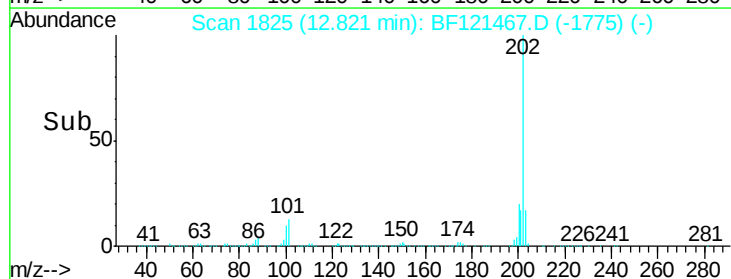
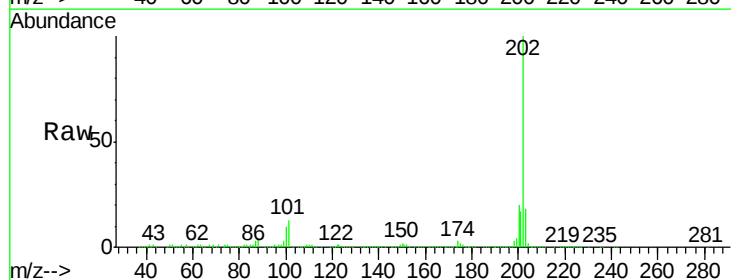
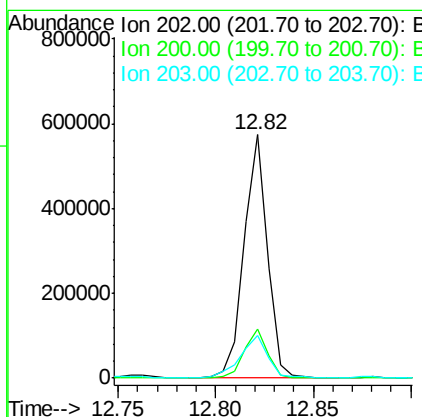
Manual Integrations
APPROVED

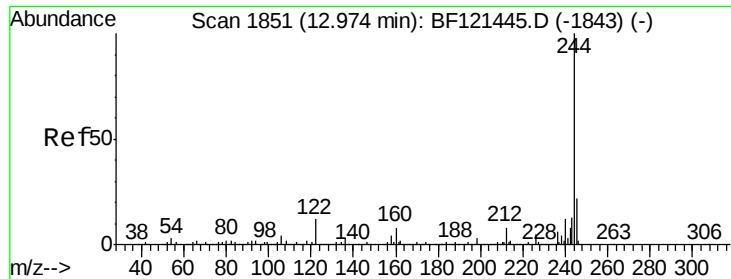
mohammad
8/31/2020 10:27:31 AM



#78
Pyrene
Concen: 7.702 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.0	27.0
203	17.6	15.3	22.9





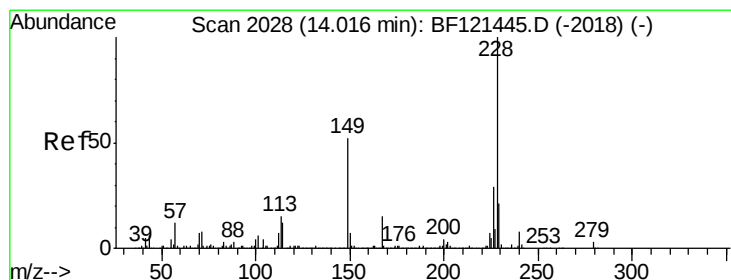
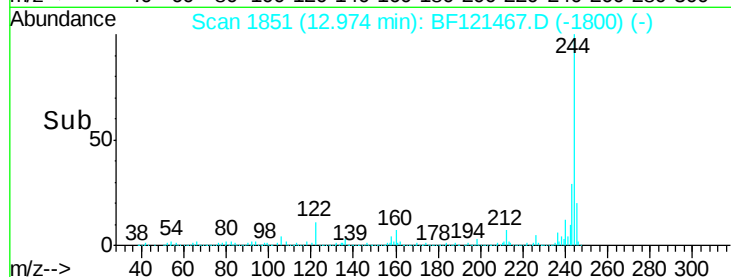
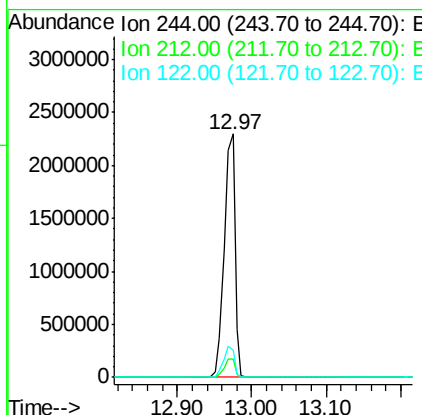
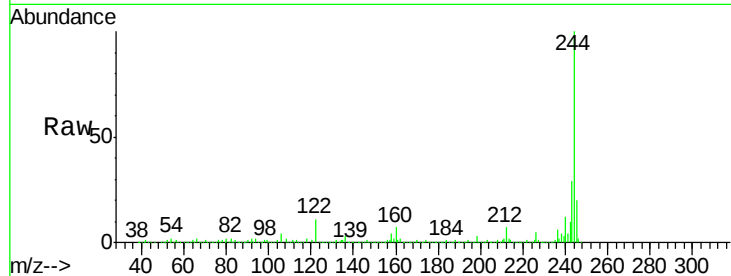
#79
 Terphenyl-d14
 Concen: 56.634 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121467.D
 Acq: 28 Aug 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-1218-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.2	9.5	14.3

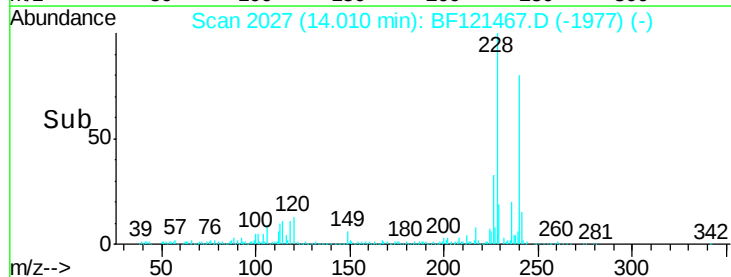
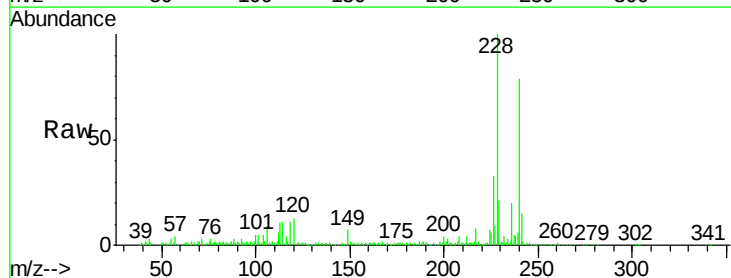
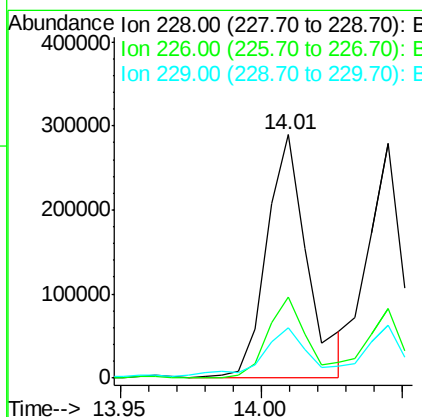
Manual Integrations
 APPROVED

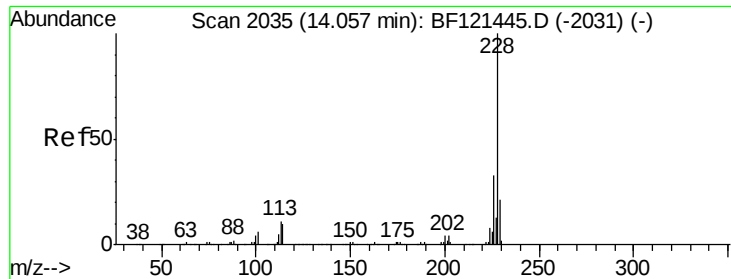
mohammad
 8/31/2020 10:27:31 AM



#81
 Benzo(a)anthracene
 Concen: 5.433 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121467.D
 Acq: 28 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.0	34.4
229	20.6	16.6	24.8





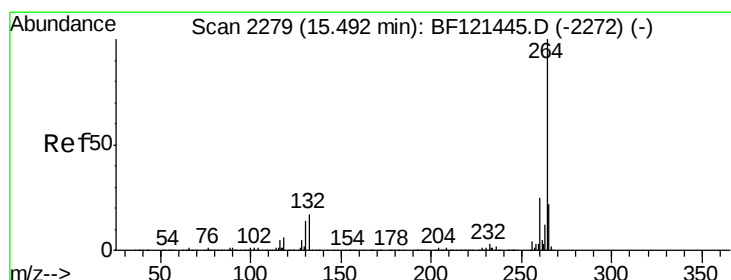
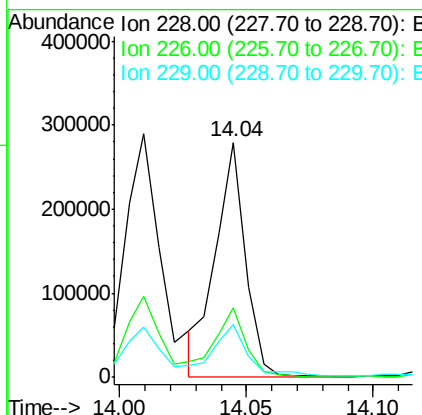
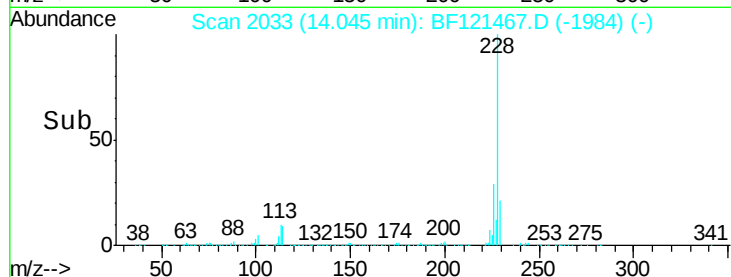
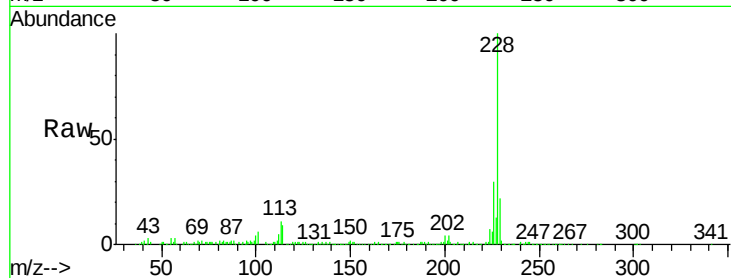
#83
Chrysene
Concen: 4.339 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.2	39.2
229	22.3	16.6	25.0

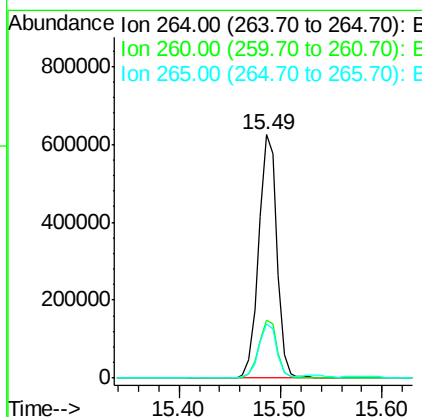
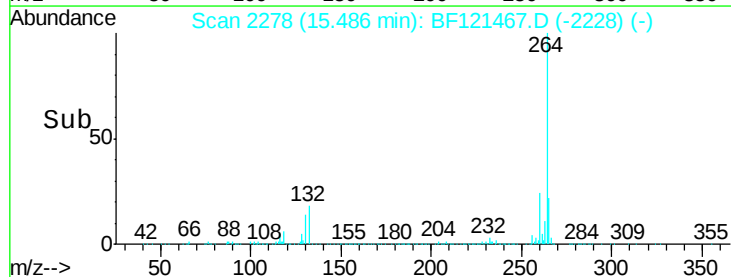
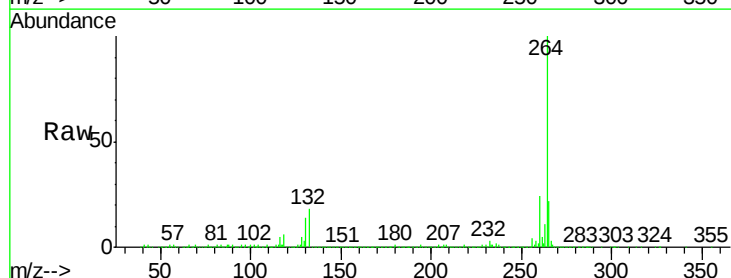
Manual Integrations
APPROVED

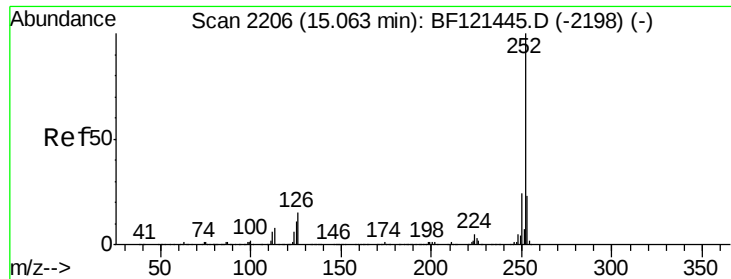
mohammad
8/31/2020 10:27:31 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.1	17.8	26.6





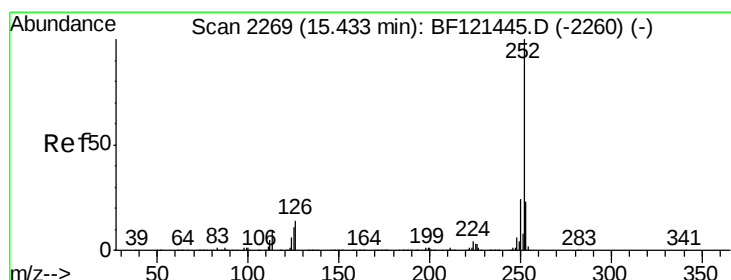
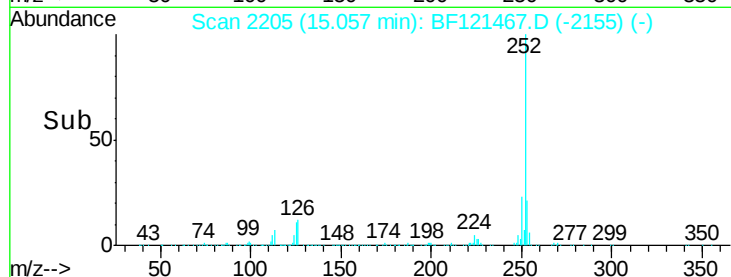
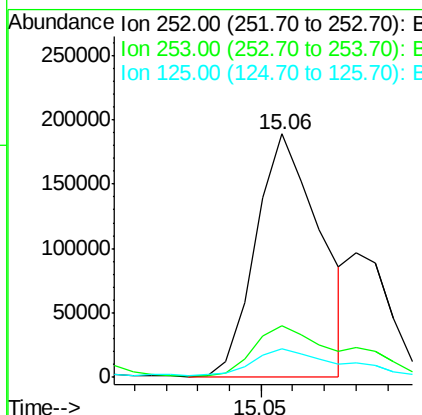
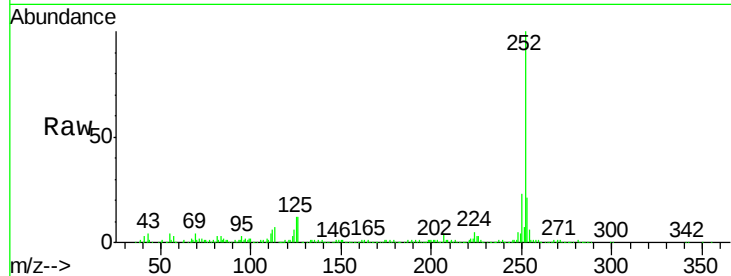
#88
Benzo(b)fluoranthene
Concen: 5.205 ng/mL
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-1218-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		264088		
253	21.3	18.3	27.5		
125	11.7	9.2	13.8		

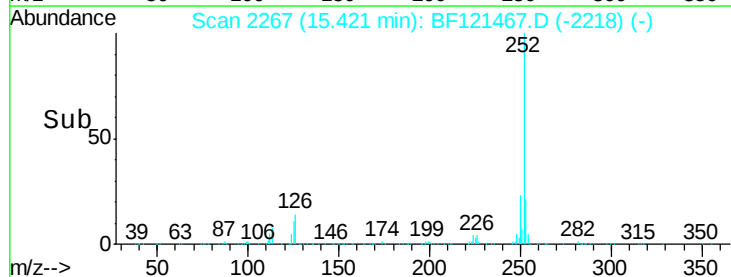
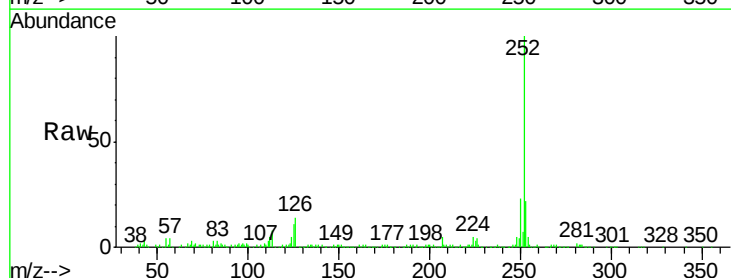
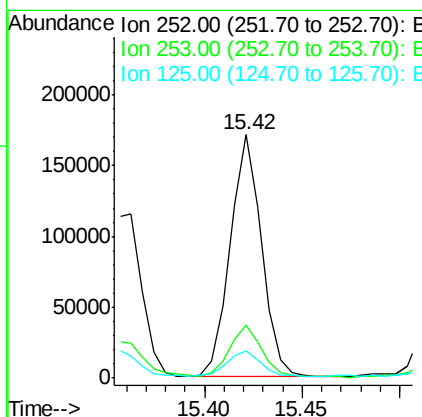
Manual Integrations
APPROVED

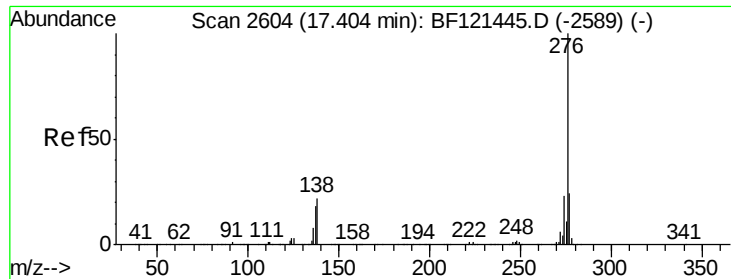
mohammad
8/31/2020 10:27:31 AM



#90
Benzo(a)pyrene
Concen: 4.166 ng/mL
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121467.D
Acq: 28 Aug 2020 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		190079		
253	21.7	18.0	27.0		
125	11.5	9.0	13.4		





#92
 Benzo(a,h,i)perylene
 Concen: 2.950 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BF121467.D
 Acq: 28 Aug 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-1218-01

Tot Ion:	276	Resp:	111629
Ion Ratio		Lower	Upper
276	100		
277	25.3	18.9	28.3
138	22.9	17.4	26.0

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:31 AM

