

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121468.D
 Acq On : 28 Aug 2020 19:32
 Operator : JU/CG
 Sample : L3837-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-0612-01

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:34 AM

Quant Time: Sep 05 05:37:22 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	323440	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1256480	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	654758	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1242502	20.00	ng	0.00
76) Chrysene-d12	14.02	240	841193	20.00	ng	0.00
86) Perylene-d12	15.49	264	774039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1449717	75.20	ng	0.00
7) Phenol-d6	6.48	99	1927782	71.56	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1232061	67.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	556970	84.22	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2256521	55.61	ng	0.00
79) Terphenyl-d14	12.97	244	2279411	57.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	177969	3.957	ng	98
71) Phenanthrene	11.40	178	266239	4.175	ng	96
75) Fluoranthene	12.59	202	533415	7.762	ng	96
78) Pyrene	12.82	202	502739	8.368	ng	96
81) Benzo(a)anthracene	14.01	228	260160	5.066	ng	99
83) Chrysene	14.04	228	241713m	4.705	ng	
88) Benzo(b)fluoranthene	15.06	252	256663m	5.097	ng	
90) Benzo(a)pyrene	15.42	252	181521	4.009	ng	99
92) Benzo(g,h,i)perylene	17.38	276	111233	2.962	ng	98

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

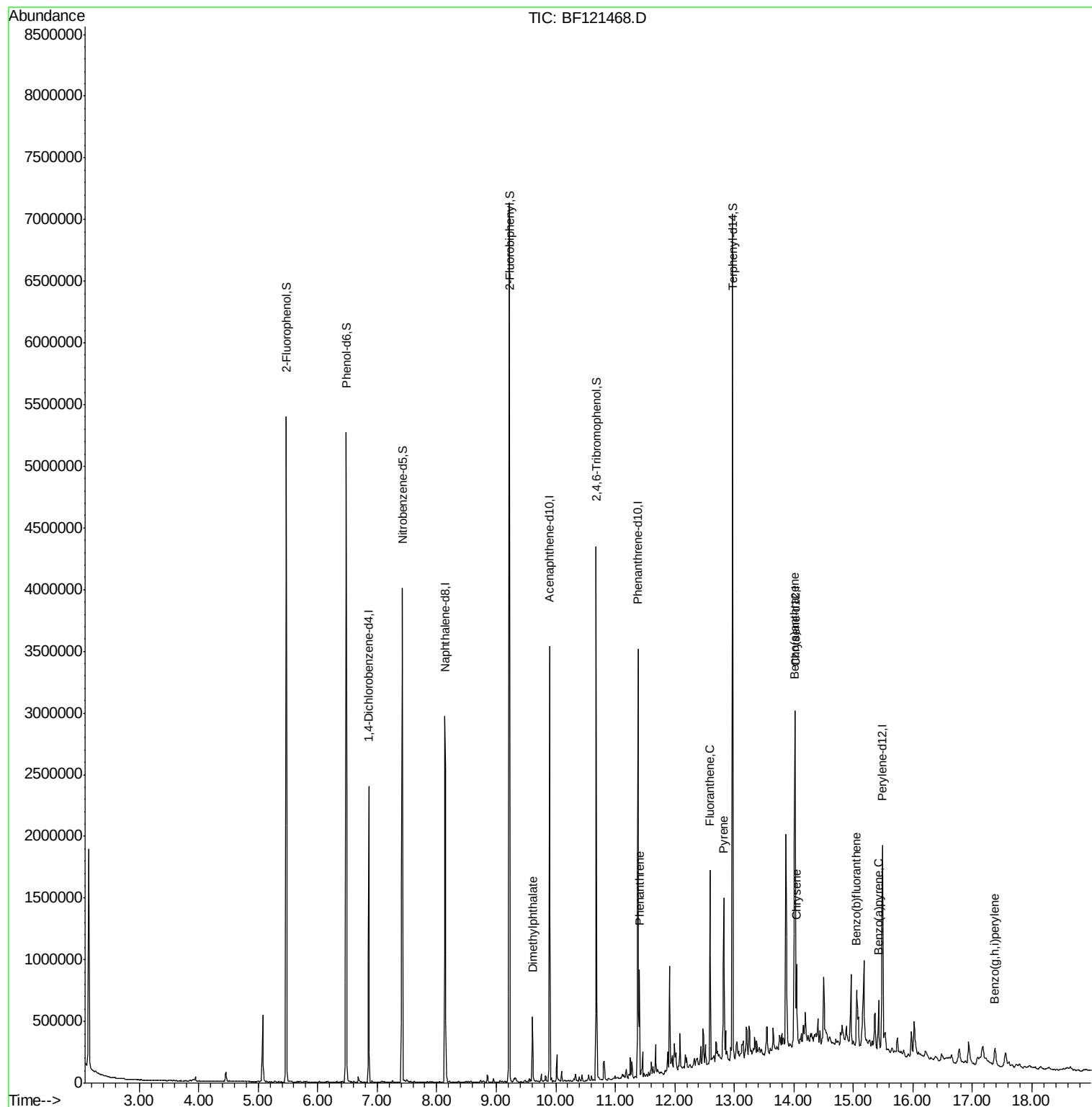
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121468.D
Acq On : 28 Aug 2020 19:32
Operator : JU/CG
Sample : L3837-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

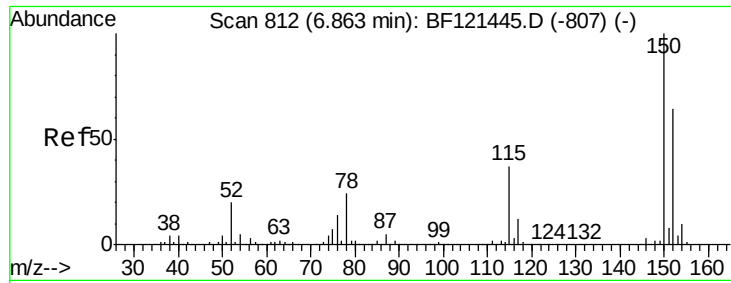
Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-0612-01

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:34 AM

Quant Time: Sep 05 05:37:22 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

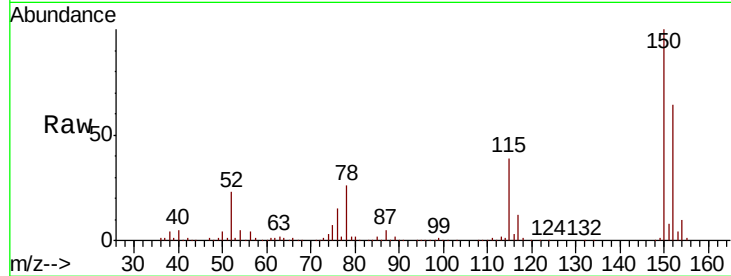
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	60.9	46.6	69.8

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:34 AM

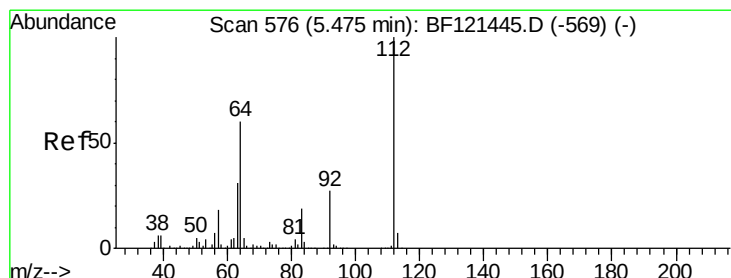
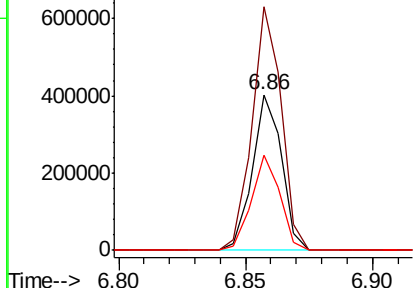
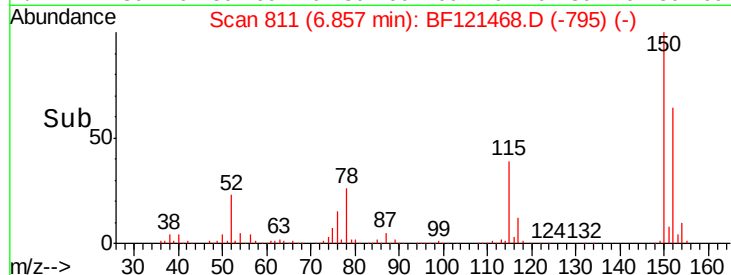


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

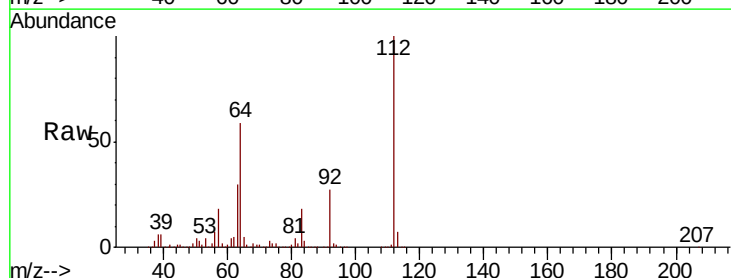
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.200 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.2	72.2
63	30.0	24.8	37.2

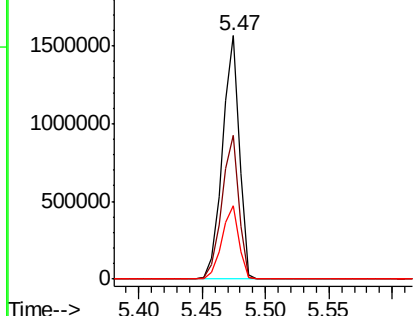
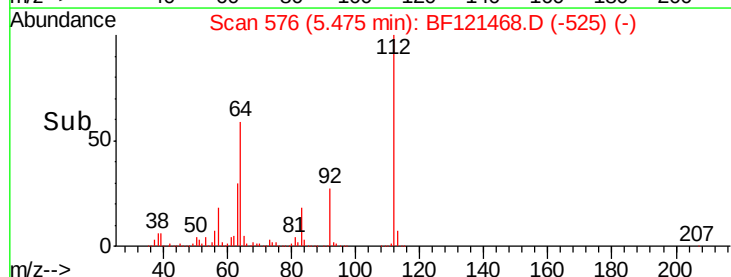


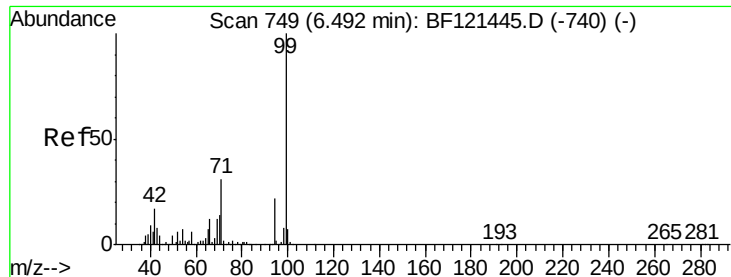
Abundance

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: 71.556 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

789UMR-TP05-0612-01

Tot Ion: 99 Resp: 1927782

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

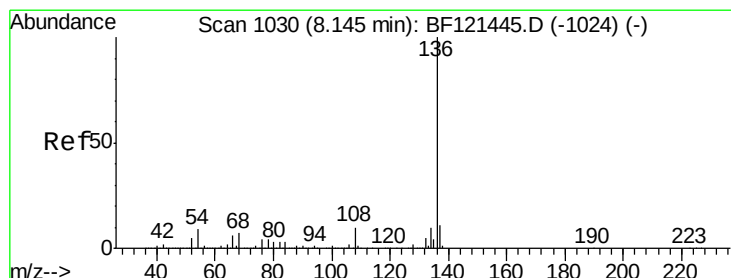
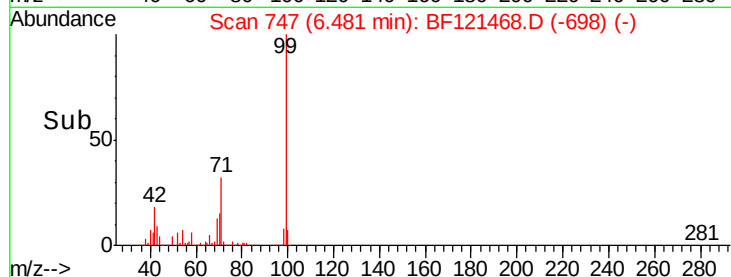
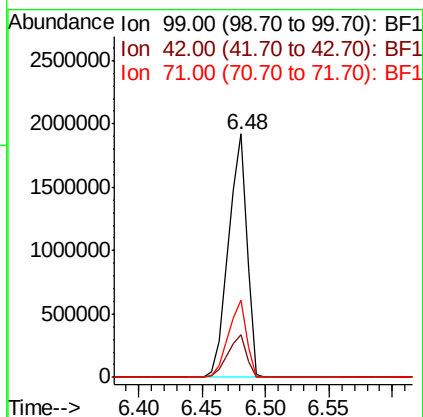
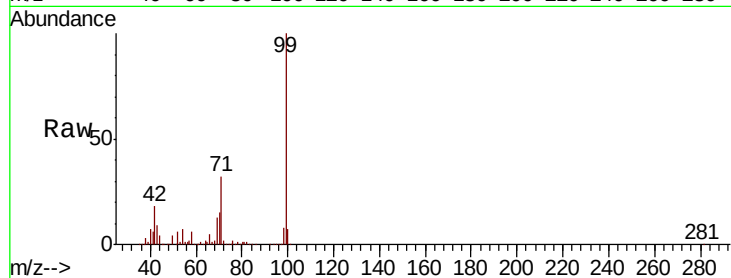
71 31.8 24.6 37.0

Manual Integrations

APPROVED

mohammad

8/31/2020 10:27:34 AM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Tgt Ion: 136 Resp: 1256480

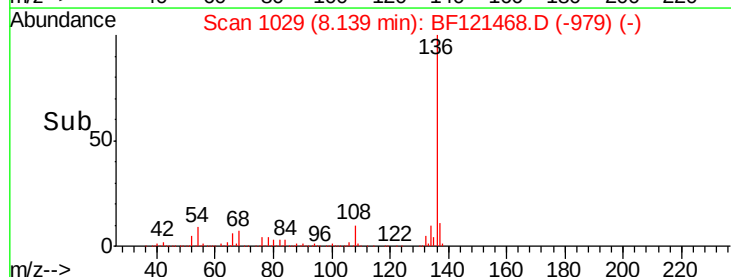
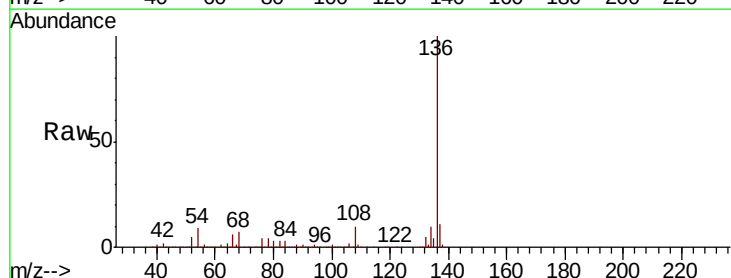
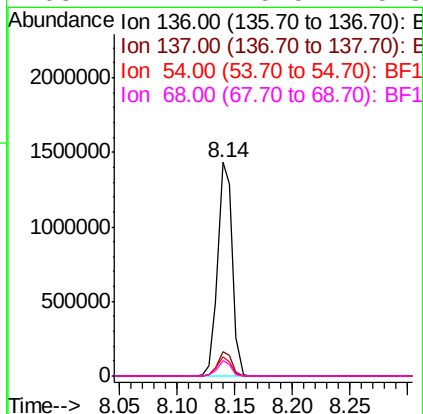
Ion Ratio Lower Upper

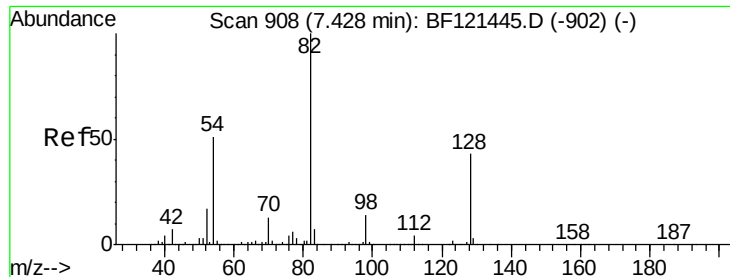
136 100

137 11.4 9.1 13.7

54 9.0 7.0 10.4

68 7.1 5.5 8.3





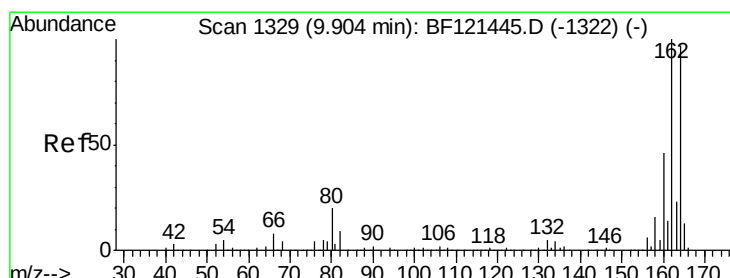
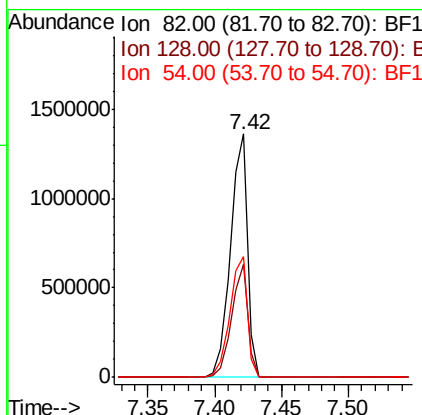
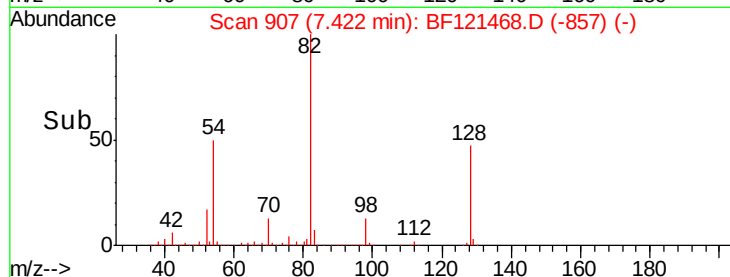
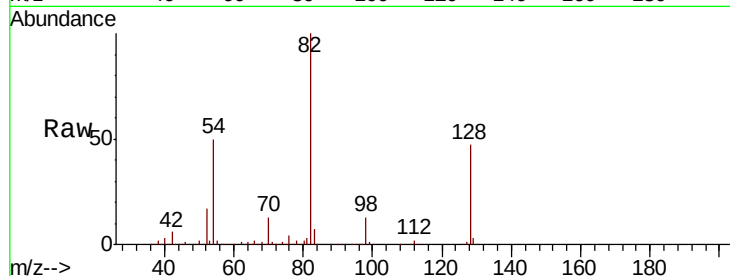
#23
 Nitrobenzene-d5
 Concen: 67.037 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121468.D
 Acq: 28 Aug 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-0612-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.1	51.1
54	49.7	41.0	61.6

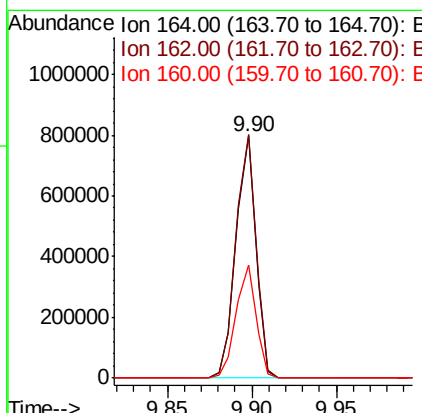
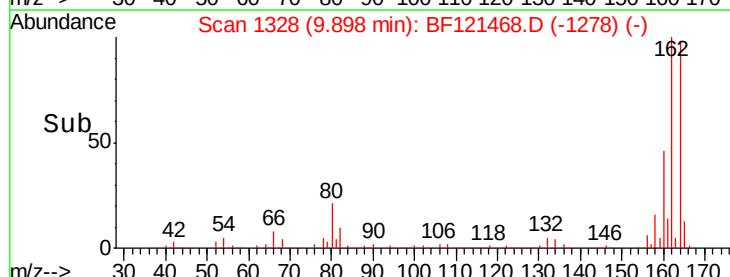
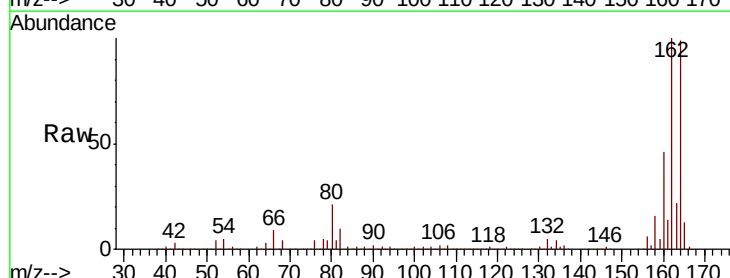
Manual Integrations
 APPROVED

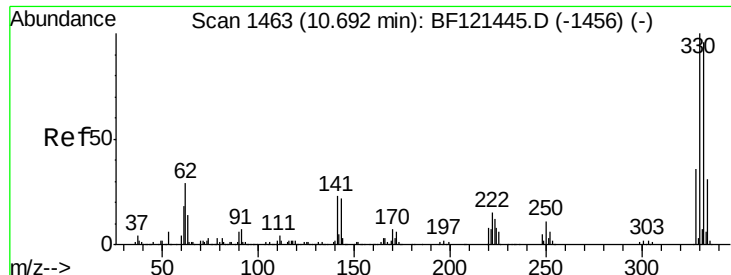
mohammad
 8/31/2020 10:27:34 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121468.D
 Acq: 28 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	46.7	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 84.218 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Instrument :

BNA_F

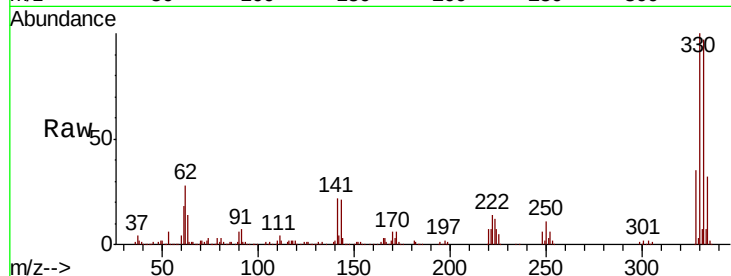
ClientSampleId :

789UMR-TP05-0612-01

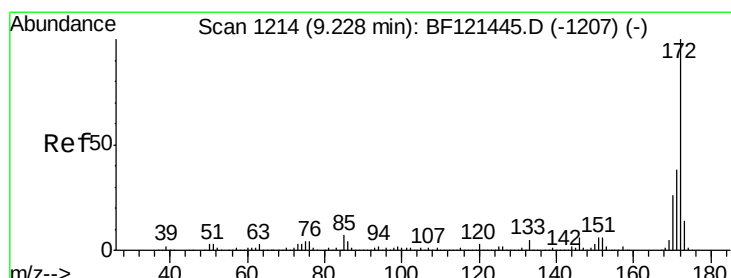
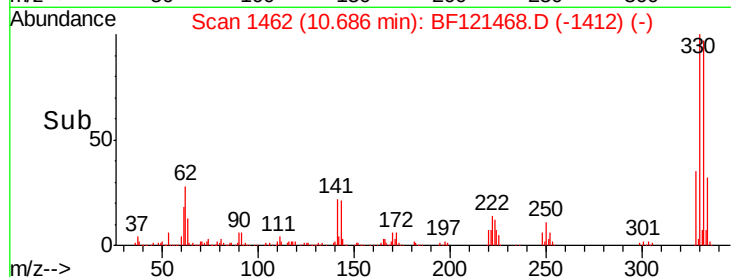
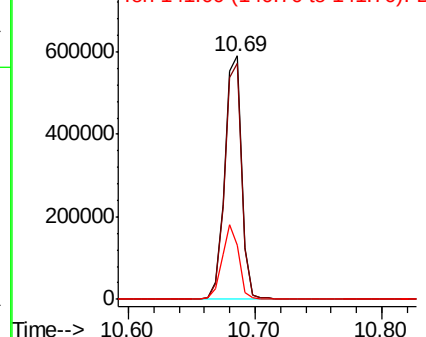
Tot Ion:	330	Resp:	556970
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.2	114.2
141	30.5	24.6	36.8

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:34 AM



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: 55.608 ng

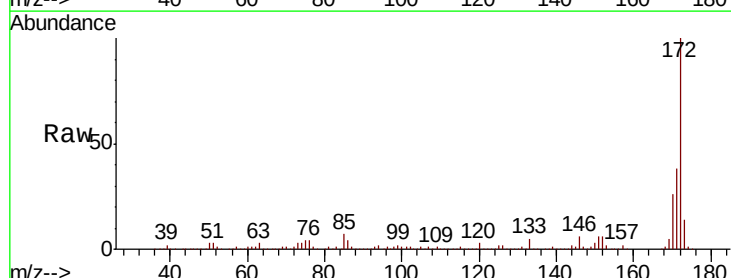
RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

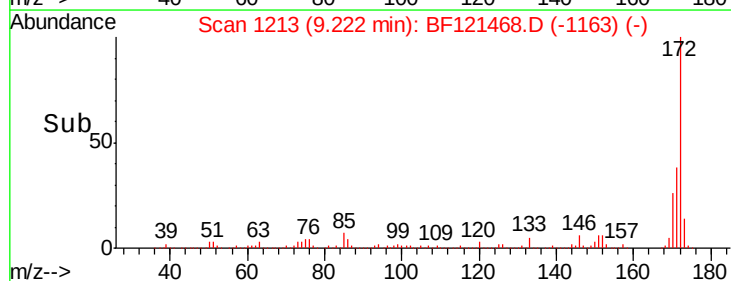
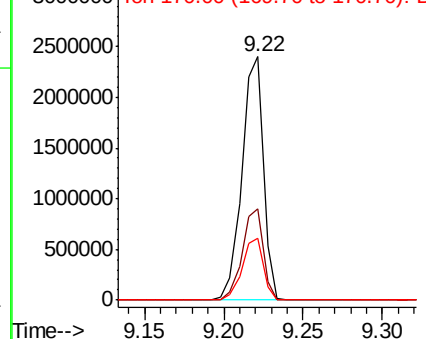
Lab File: BF121468.D

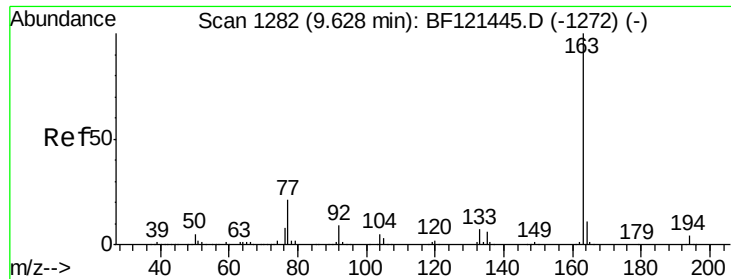
Acq: 28 Aug 2020 19:32

Tgt Ion:	172	Resp:	2256521
Ion Ratio	Lower	Upper	
172	100		
171	37.6	30.6	45.8
170	25.5	20.6	31.0



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





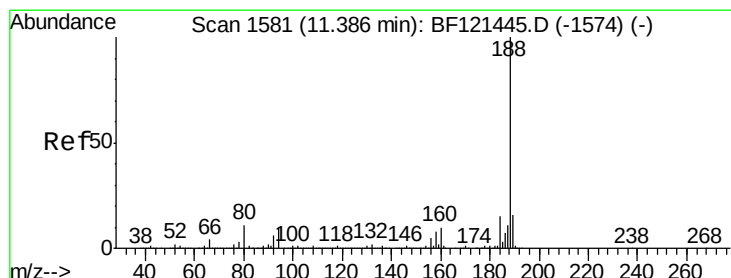
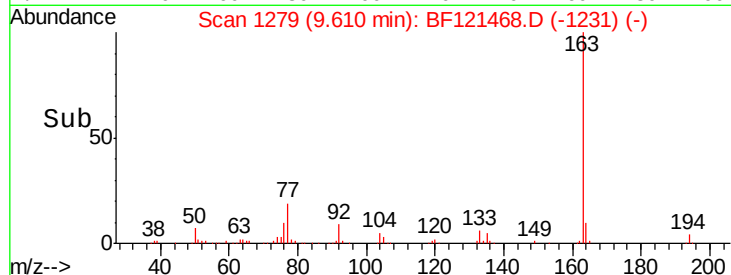
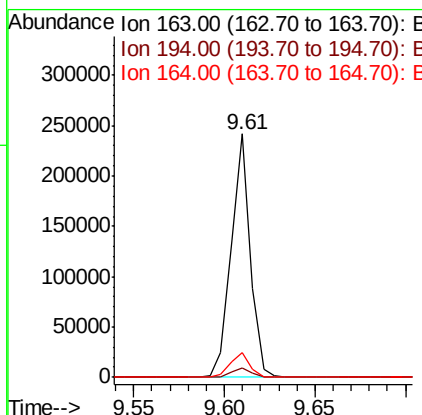
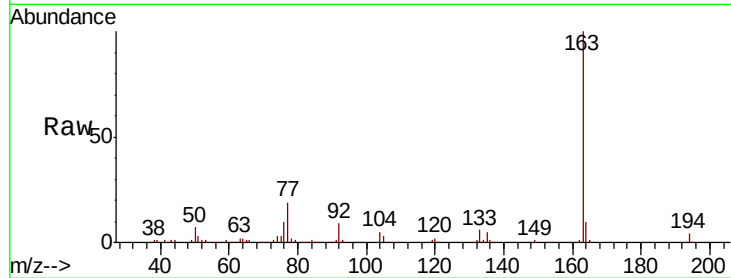
#50
Dimethylphthalate
Concen: 3.957 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	177969		
194	4.0		3.3	4.9
164	9.9		8.6	12.8

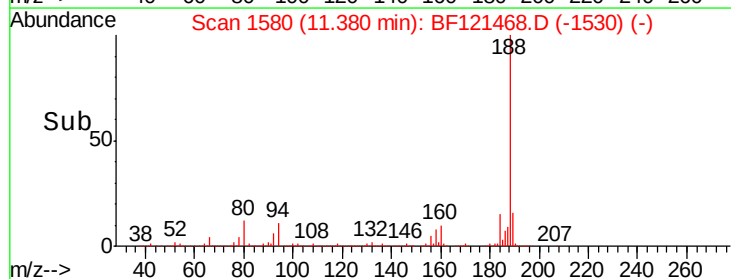
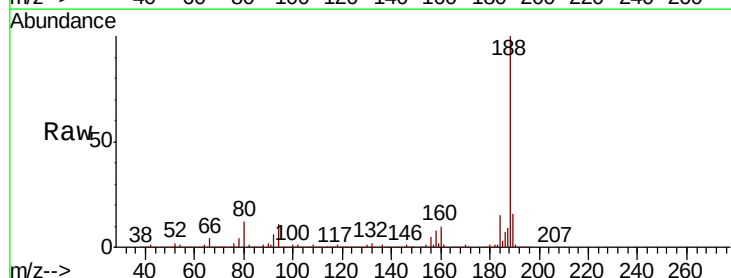
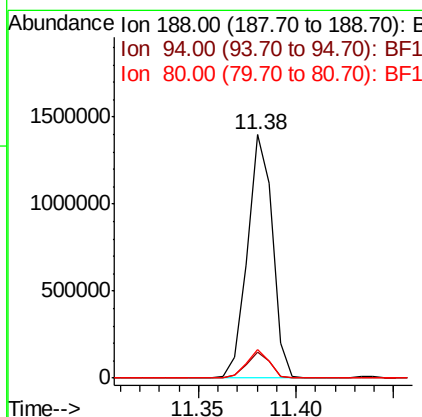
Manual Integrations
APPROVED

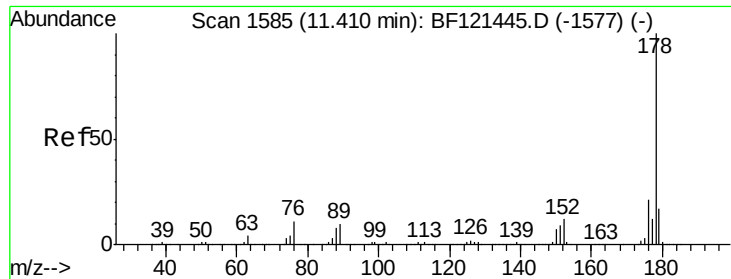
mohammad
8/31/2020 10:27:34 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1242502		
94	10.9		8.3	12.5
80	11.8		8.6	13.0





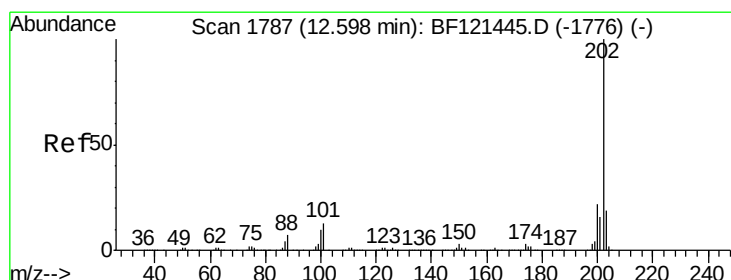
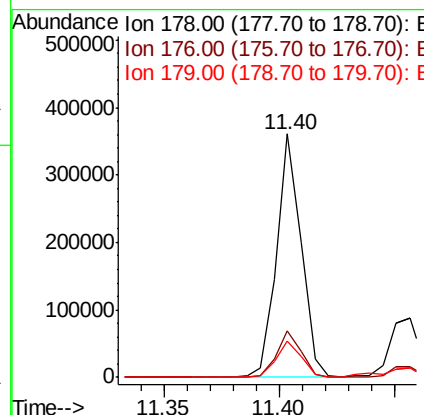
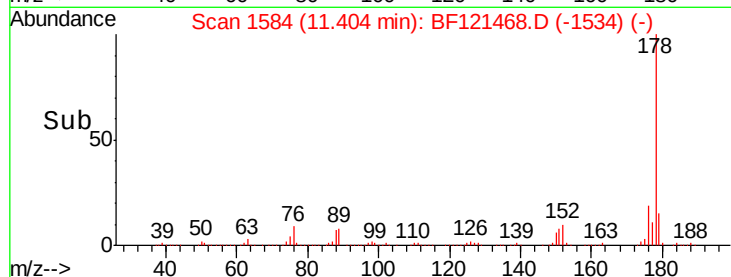
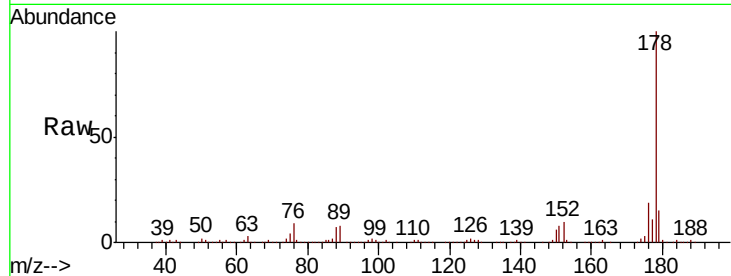
#71
Phenanthrene
Concen: 4.175 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-0612-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		266239		
176	19.3		16.9	25.3	
179	15.0		13.4	20.0	

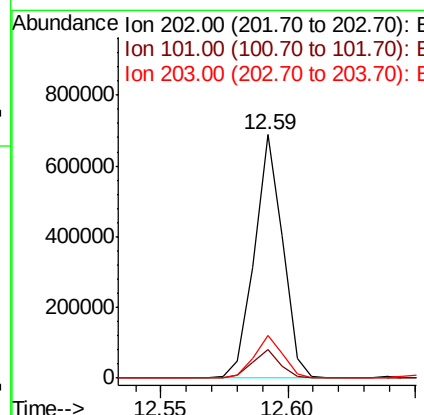
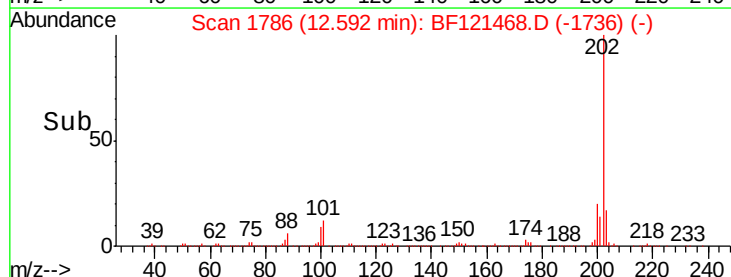
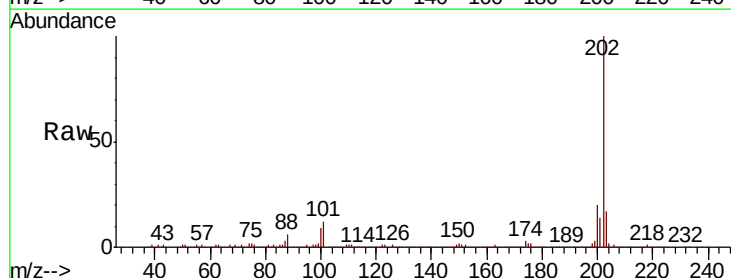
Manual Integrations
APPROVED

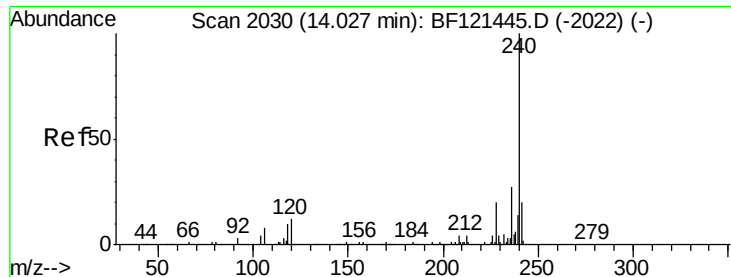
mohammad
8/31/2020 10:27:34 AM



#75
Fluoranthene
Concen: 7.762 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		533415		
101	11.6		0.0	33.3	
203	17.5		0.0	39.1	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Instrument :

BNA_F

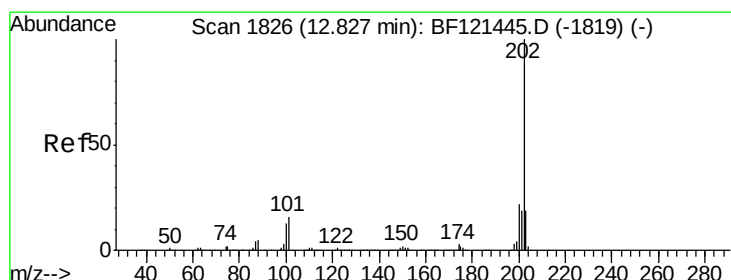
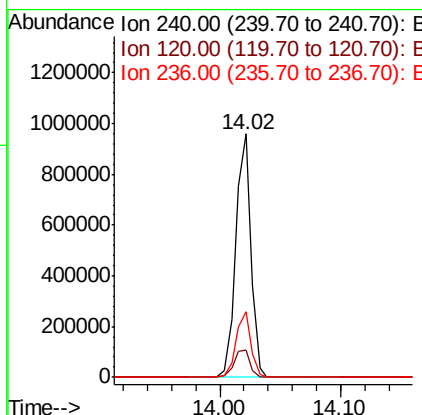
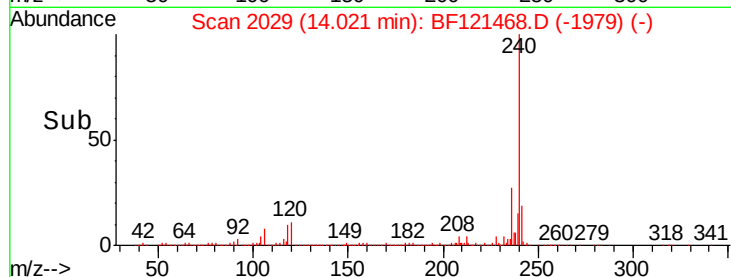
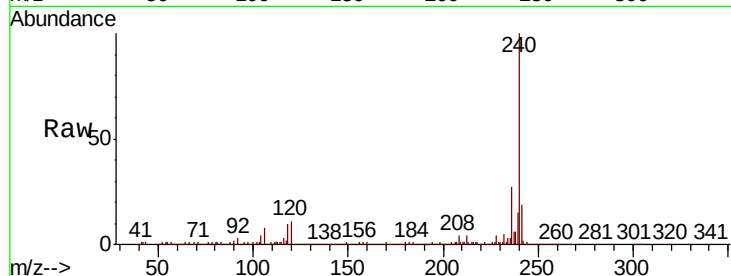
ClientSampleId :

789UMR-TP05-0612-01

Tot Ion:	240	Resp:	841193
Ion Ratio		Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.8	21.8	32.6

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:34 AM



#78

Pyrene

Concen: 8.368 ng

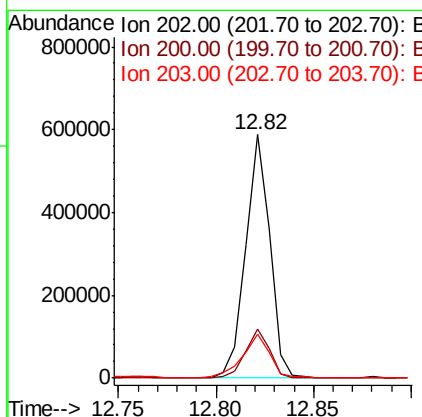
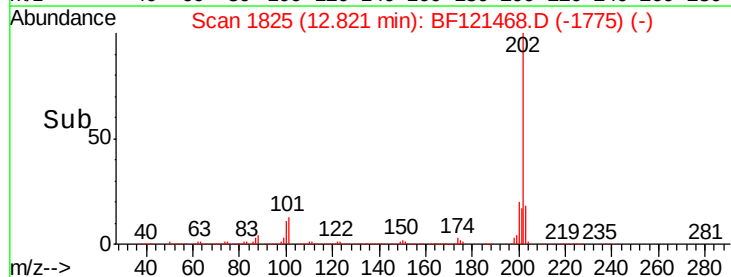
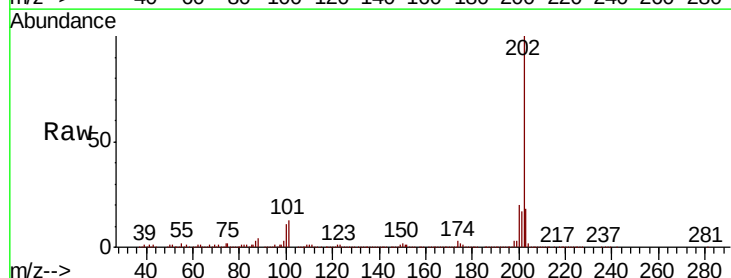
RT: 12.82 min Scan# 1825

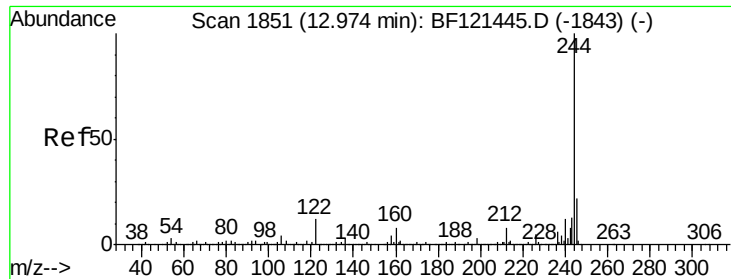
Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Tgt Ion:	202	Resp:	502739
Ion Ratio		Lower	Upper
202	100		
200	20.3	18.0	27.0
203	18.0	15.3	22.9





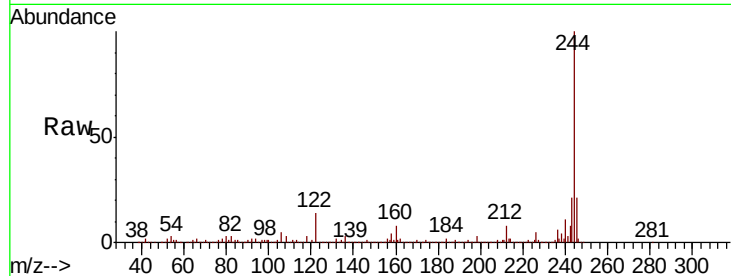
#79
 Terphenyl-d14
 Concen: 57.039 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF121468.D
 Acq: 28 Aug 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-0612-01

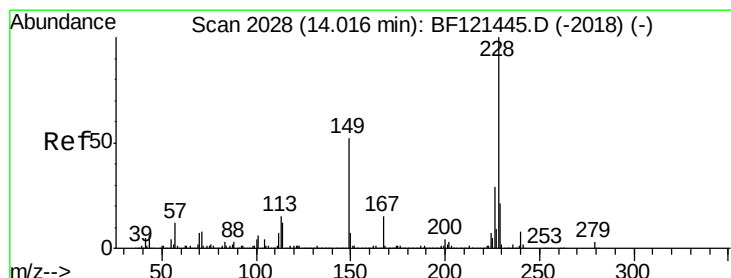
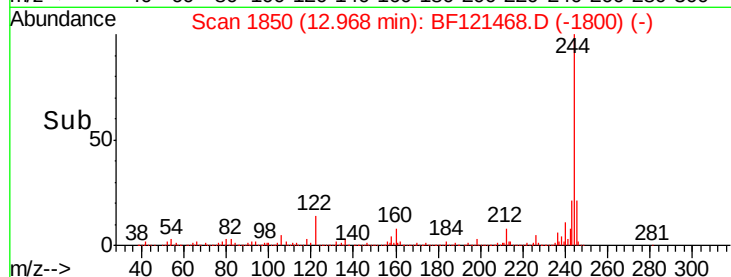
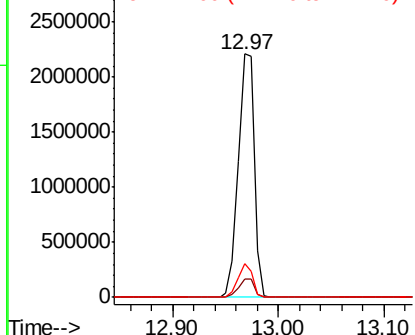
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	13.7	9.5	14.3

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:34 AM

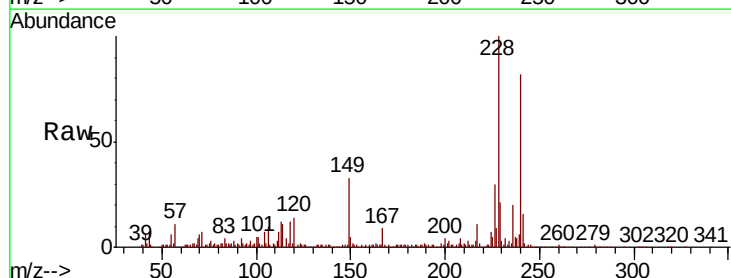


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

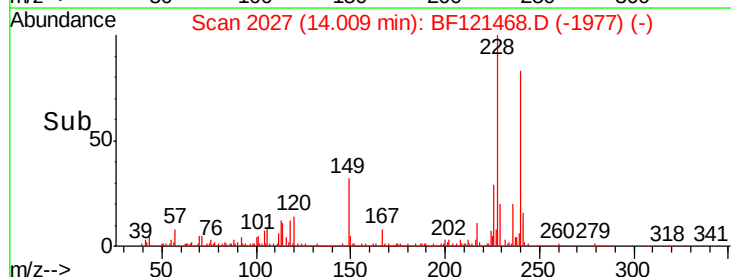
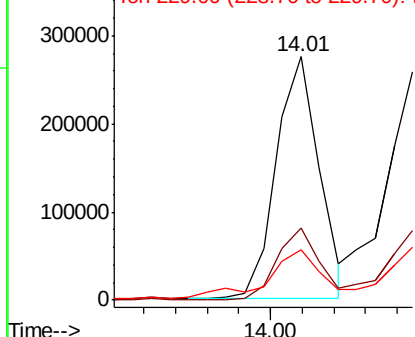


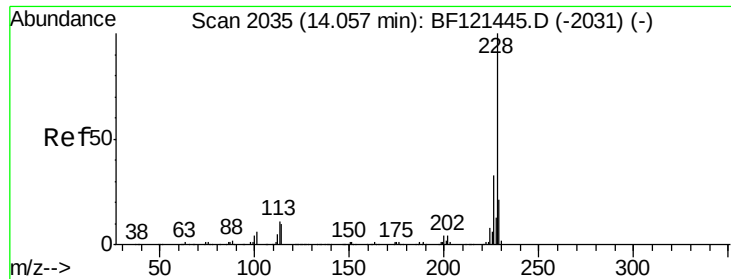
#81
 Benzo(a)anthracene
 Concen: 5.066 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121468.D
 Acq: 28 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	20.6	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





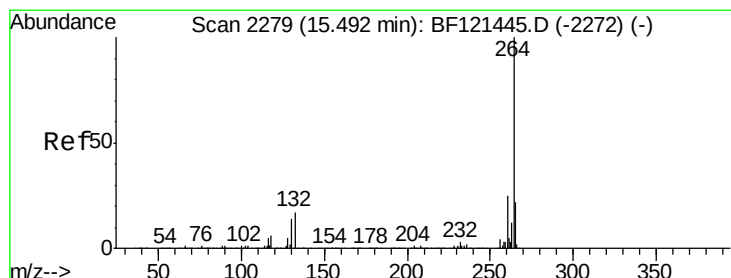
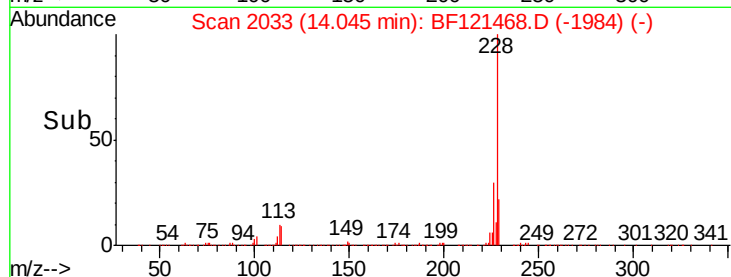
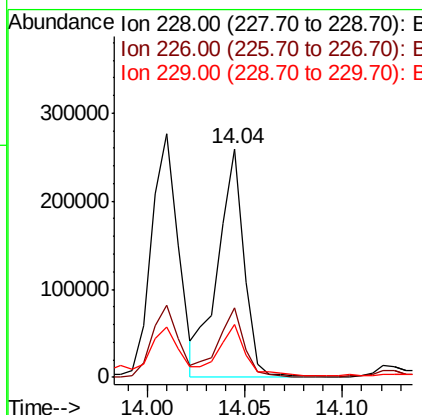
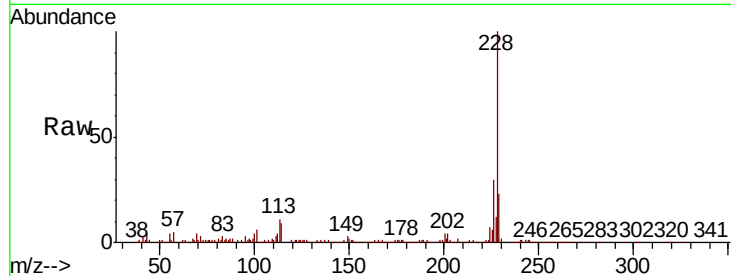
#83
Chrysene
Concen: 4.705 ng/mL
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Instrument :
BNA_F
ClientSampleId :
789UMR-TP05-0612-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.2	39.2
229	22.9	16.6	25.0

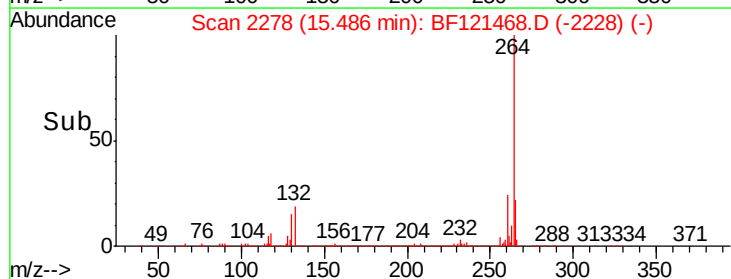
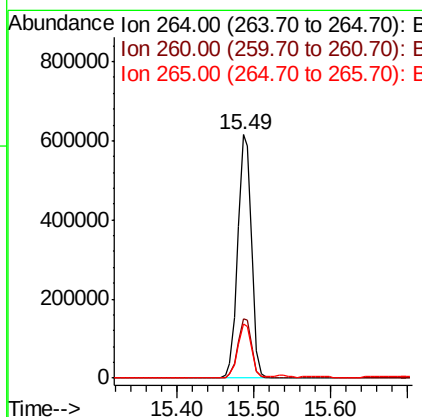
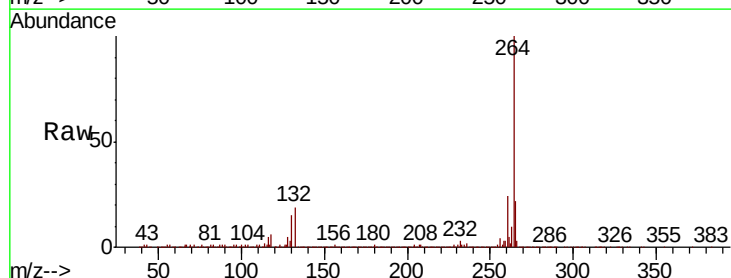
Manual Integrations
APPROVED

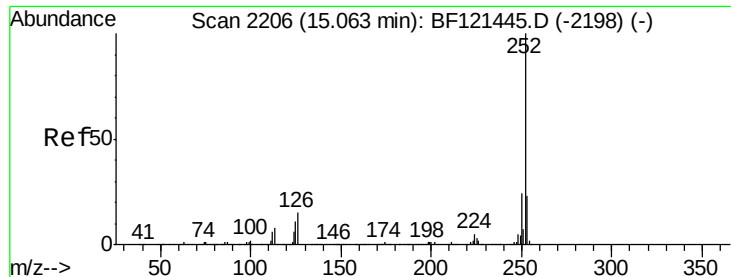
mohammad
8/31/2020 10:27:34 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121468.D
Acq: 28 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.2	17.8	26.6





#88

Benzo(b)fluoranthene

Concen: 5.097 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Instrument :

BNA_F

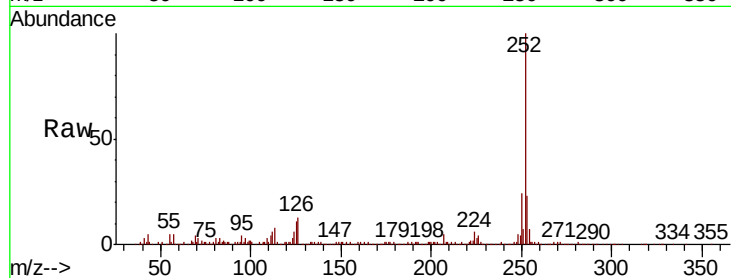
ClientSampleId :

789UMR-TP05-0612-01

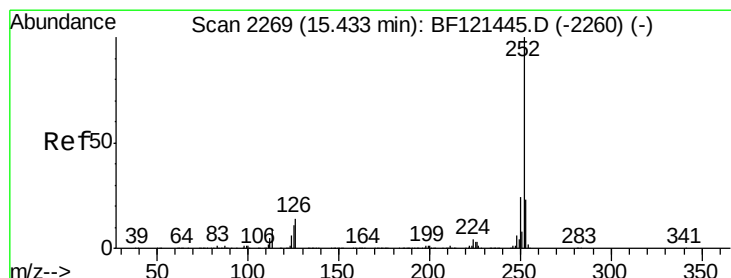
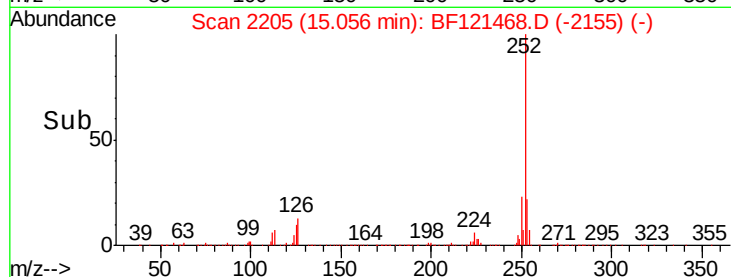
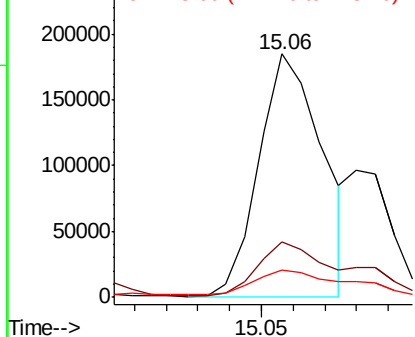
Tot Ion:	252	Resp:	256663
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.3	27.5
125	11.3	9.2	13.8

Manual Integrations
APPROVED

mohammad
8/31/2020 10:27:34 AM



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: 4.009 ng

RT: 15.42 min Scan# 2267

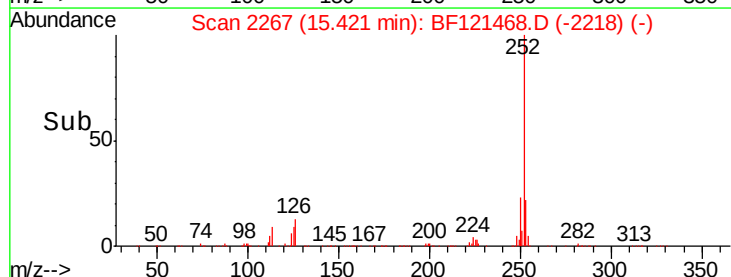
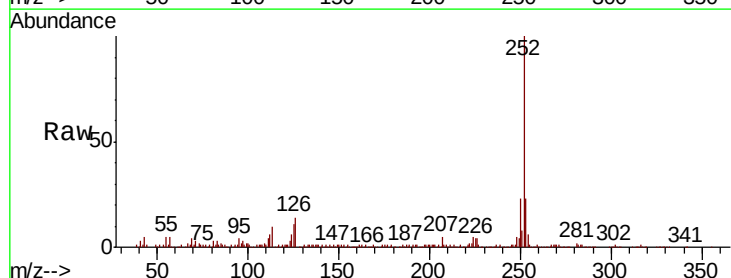
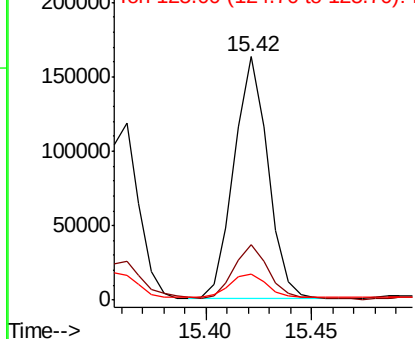
Delta R.T. -0.01 min

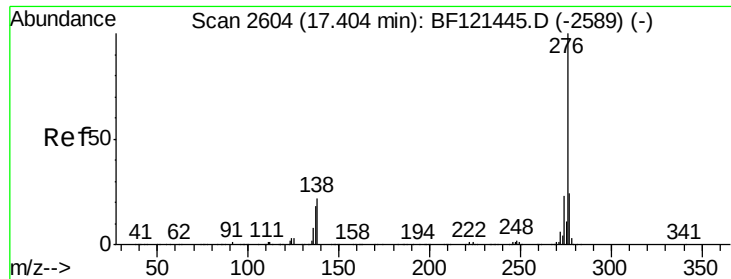
Lab File: BF121468.D

Acq: 28 Aug 2020 19:32

Tgt Ion:	252	Resp:	181521
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	10.7	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





#92
 Benzo(a,h,i)perylene
 Concen: 2.962 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BF121468.D
 Acq: 28 Aug 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP05-0612-01

Tot Ion:	276	Resp:	111233
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.9	28.3
138	22.8	17.4	26.0

Manual Integrations
 APPROVED

mohammad
 8/31/2020 10:27:34 AM

