

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120737.D
 Acq On : 29 Jun 2020 19:46
 Operator : JU/CG
 Sample : L2819-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062620

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:14:41 PM

Quant Time: Jun 30 02:00:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	57182	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	200306	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	106772	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	441268	20.00	ng	0.00
76) Chrysene-d12	13.96	240	146873	20.00	ng	0.00
86) Perylene-d12	15.41	264	156575	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	324545	97.31	ng	0.08
7) Phenol-d6	6.51	99	385934	92.90	ng	0.08
23) Nitrobenzene-d5	7.36	82	245295	68.45	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	123857	99.77	ng	0.01
45) 2-Fluorobiphenyl	9.15	172	533180	76.40	ng	0.00
79) Terphenyl-d14	12.91	244	554643	83.41	ng	0.01
Target Compounds						
32) Benzoic acid	7.86	122	6386	2.849	ng	95
50) Dimethylphthalate	9.55	163	52637	6.845	ng	100
78) Pyrene	12.76	202	37198	3.575	ng	96
81) Benzo(a)anthracene	13.95	228	23806	2.698	ng	96
83) Chrysene	13.99	228	22236	2.457	ng	95
88) Benzo(b)fluoranthene	14.99	252	29192m	3.130	ng	
90) Benzo(a)pyrene	15.34	252	19634	2.352	ng	# 86

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

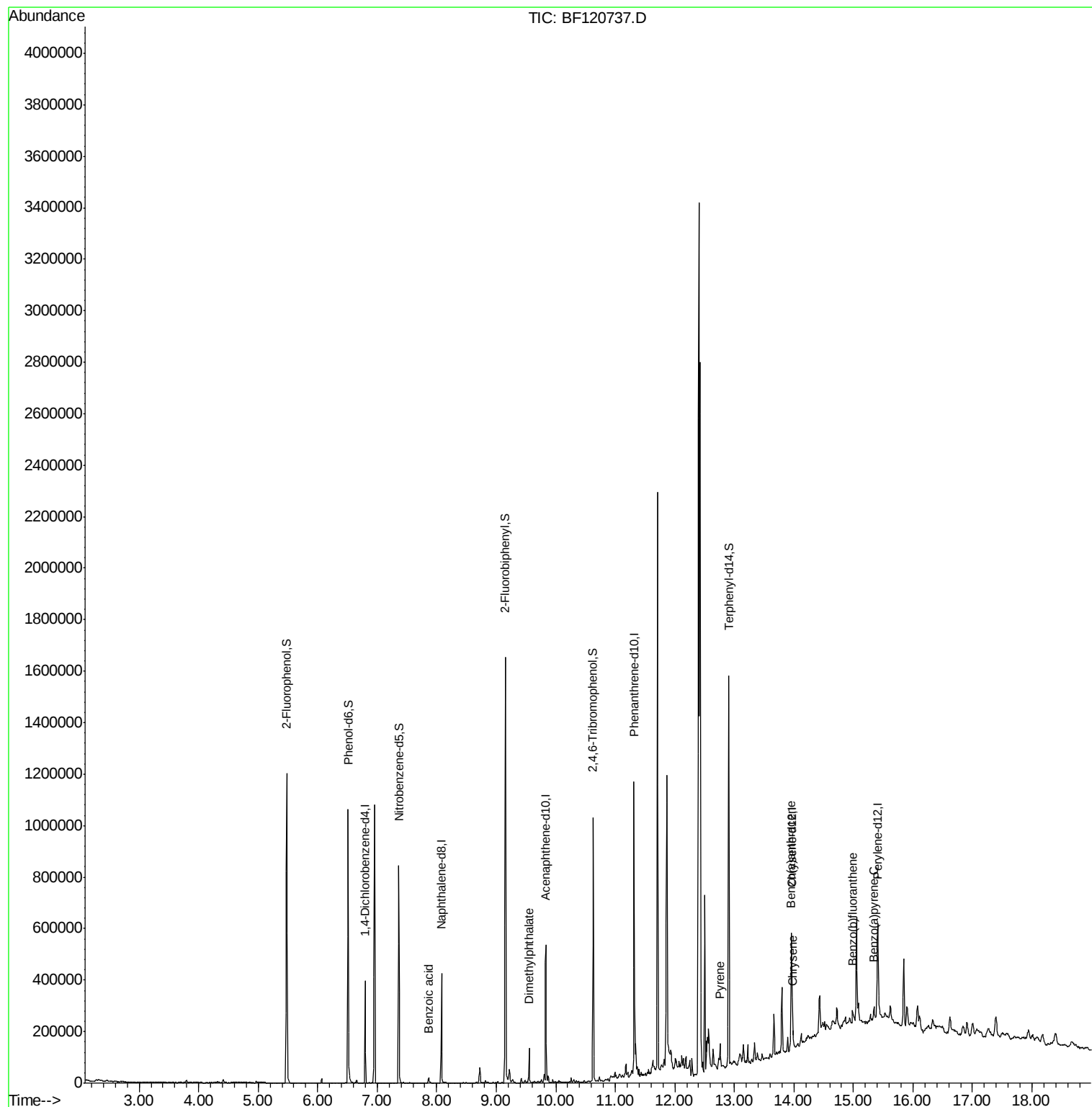
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120737.D
Acq On : 29 Jun 2020 19:46
Operator : JU/CG
Sample : L2819-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

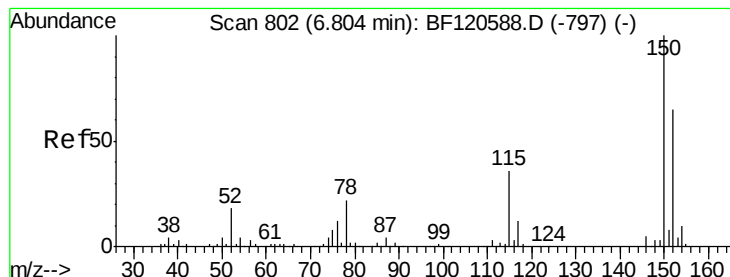
Instrument :
BNA_F
ClientSampleId :
BU-03-062620

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM

Quant Time: Jun 30 02:00:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration





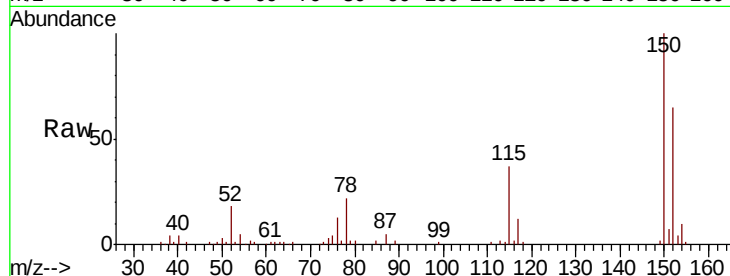
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF120737.D
 Acq: 29 Jun 2020 19:46

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062620

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	187.0
115	57.3	44.2	66.4

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:14:41 PM

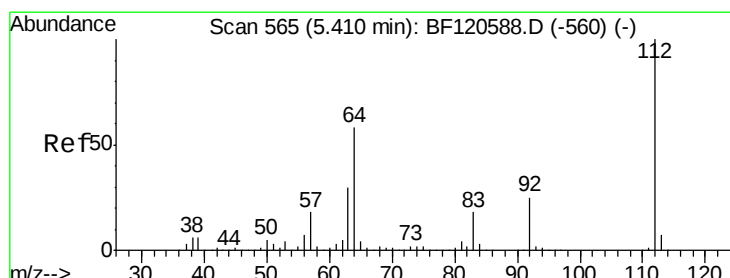
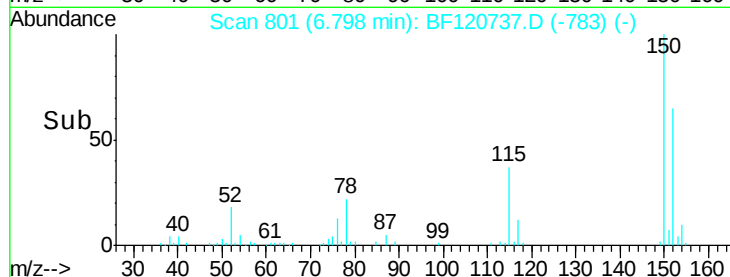
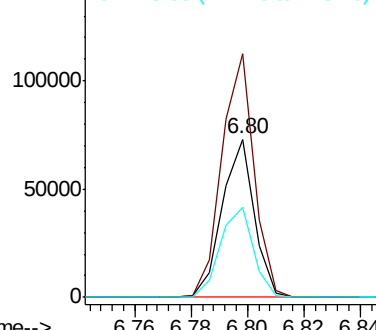


Abundance

Ion 152.00 (151.70 to 152.70): E

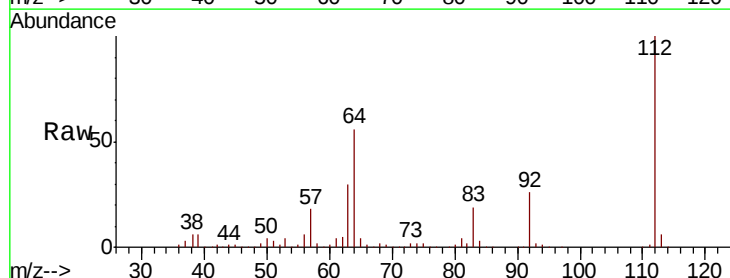
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 97.306 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.08 min
 Lab File: BF120737.D
 Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.2	63.2
63	30.3	21.7	32.5

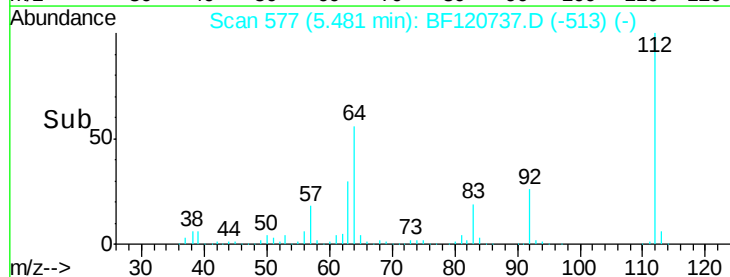
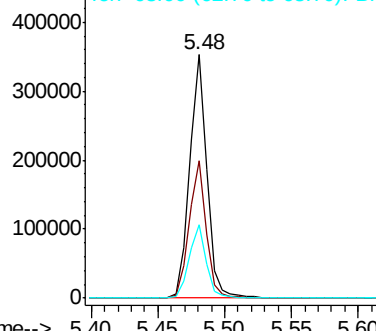


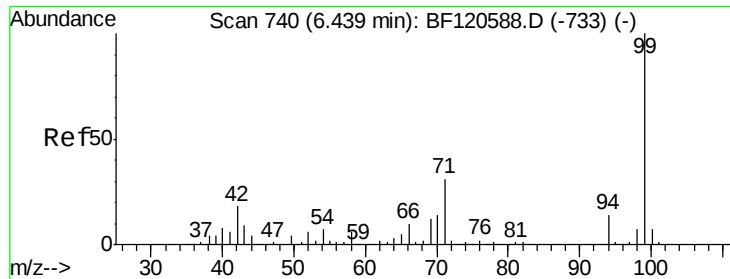
Abundance

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: 92.904 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Instrument :

BNA_F

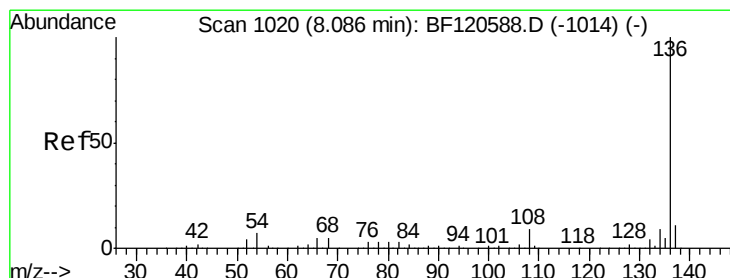
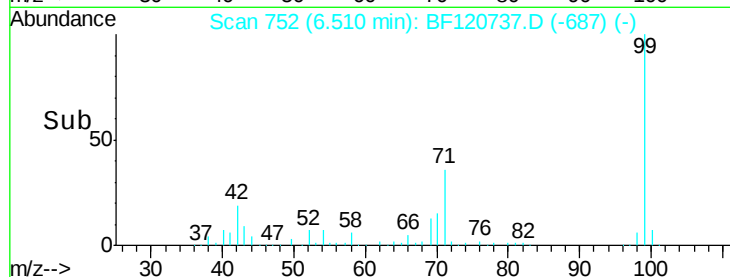
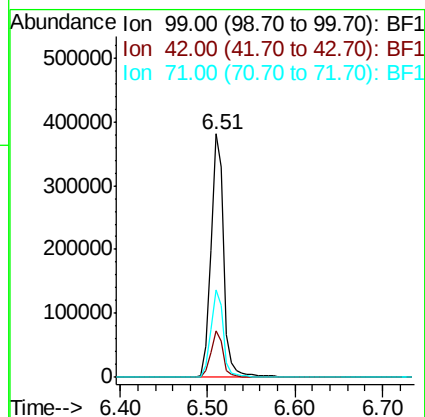
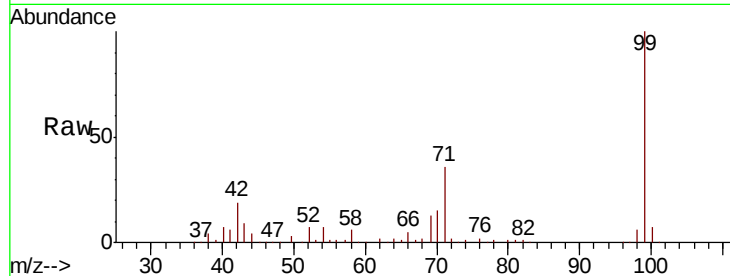
ClientSampleId :

BU-03-062620

Tot Ion:	99	Resp:	385934
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.2	21.4
71	36.1	25.4	38.2

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM



#21

Naphthalene-d8

Concen: 20.000 ng

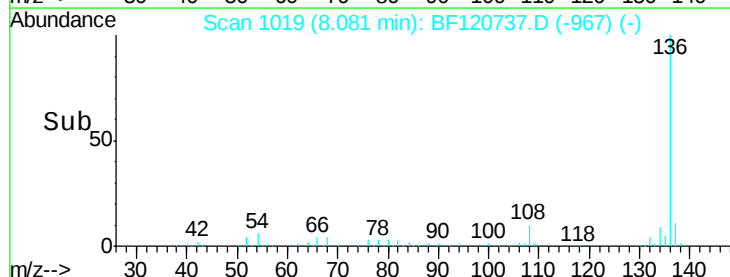
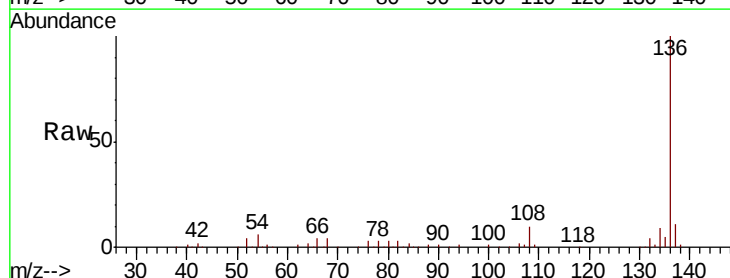
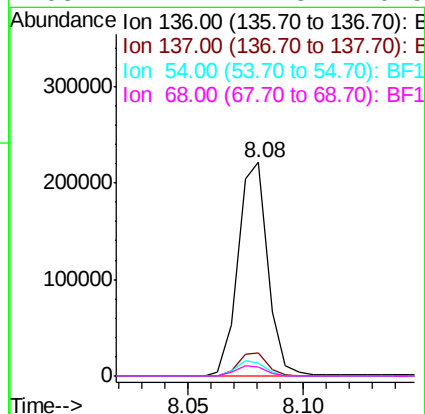
RT: 8.08 min Scan# 1019

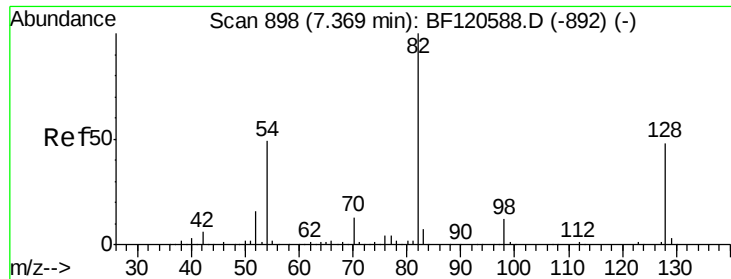
Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Tgt Ion:	136	Resp:	200306
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	6.2	5.3	7.9
68	4.4	4.3	6.5





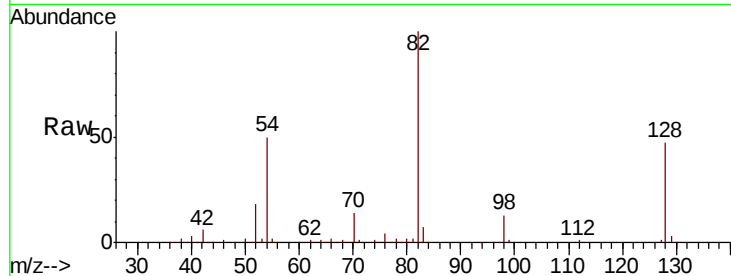
#23
Nitrobenzene-d5
Concen: 68.451 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Instrument :
BNA_F
ClientSampleId :
BU-03-062620

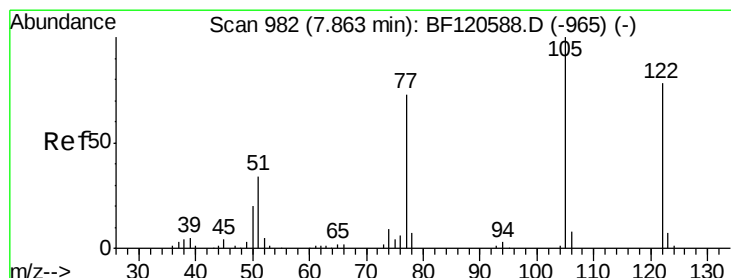
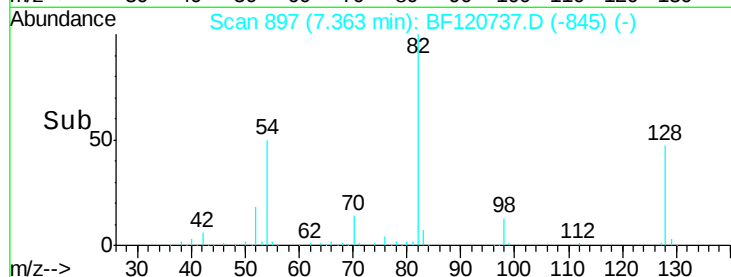
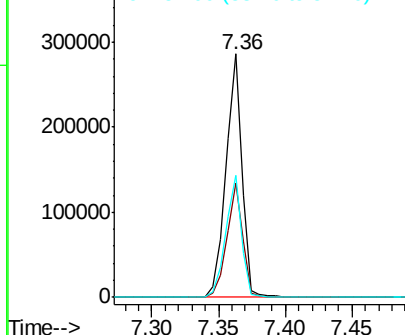
Tot Ion	Ratio	Resp	Lower	Upper
82	100	245295		
128	47.2		38.1	57.1
54	50.1		38.8	58.2

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM

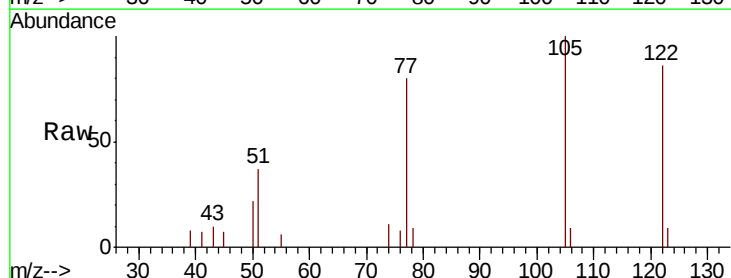


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

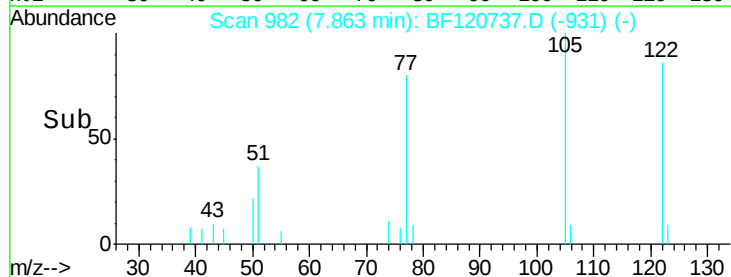
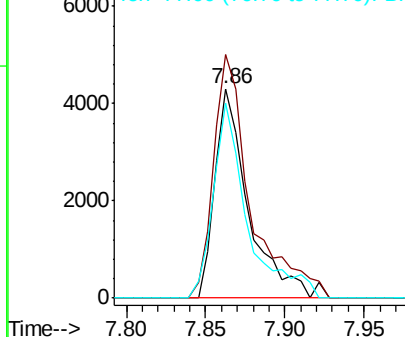


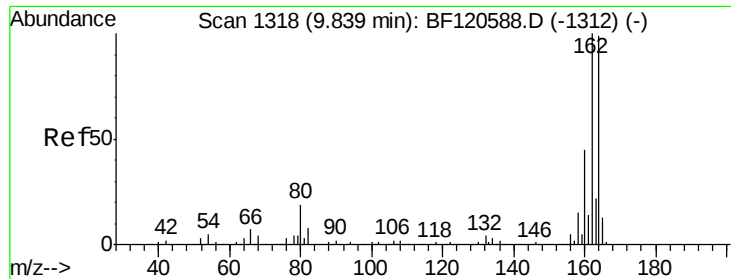
#32
Benzoic acid
Concen: 2.849 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6386		
105	116.3		98.4	138.4
77	92.8		63.8	103.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





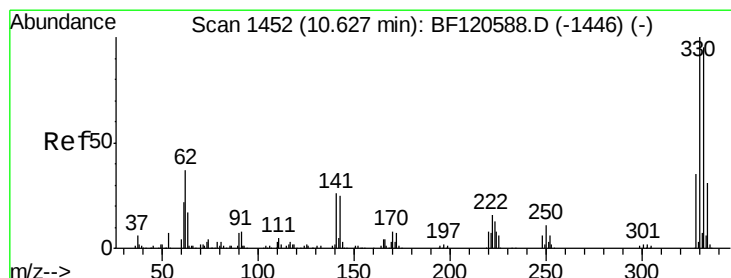
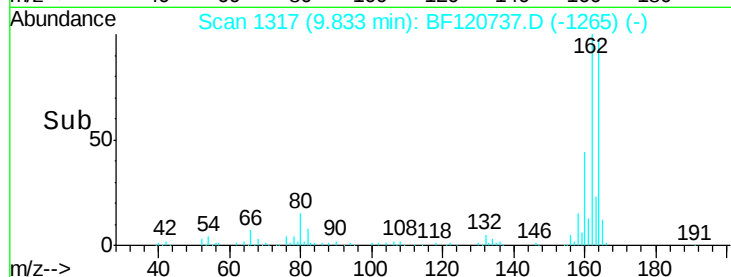
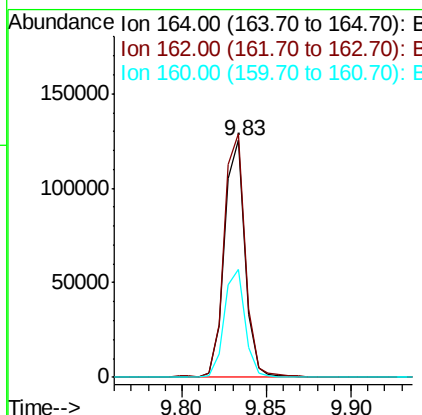
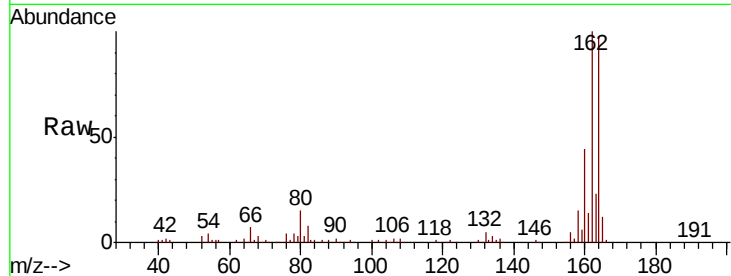
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Instrument :
BNA_F
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	45.7	36.6	55.0

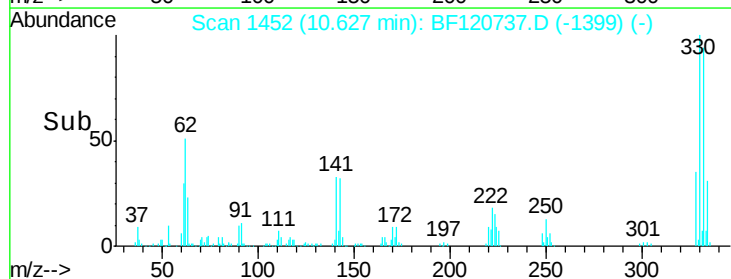
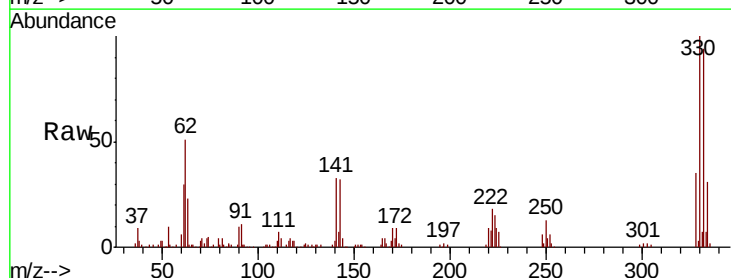
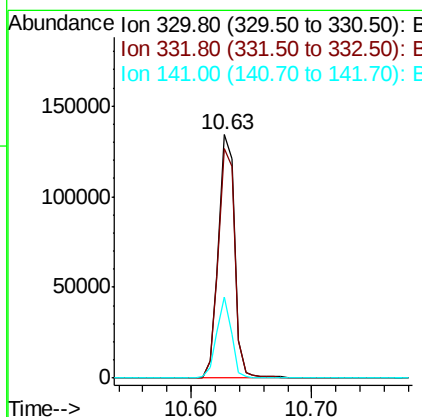
Manual Integrations
APPROVED

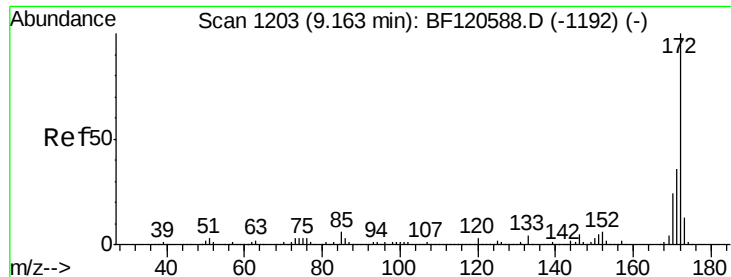
mohammad
6/30/2020 4:14:41 PM



#42
2,4,6-Tribromophenol
Concen: 99.774 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	30.1	23.0	34.6





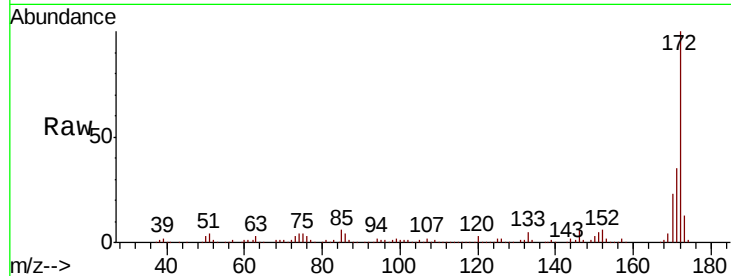
#45
2-Fluorobiphenyl
Concen: 76.402 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Instrument :
BNA_F
ClientSampleId :
BU-03-062620

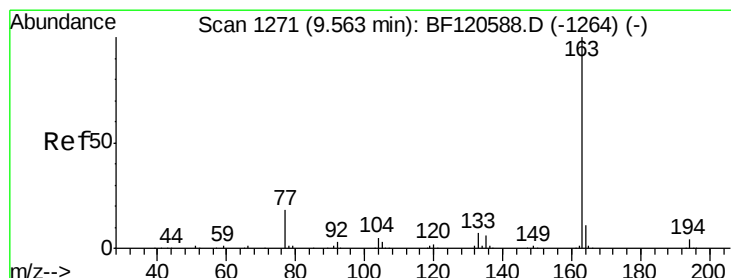
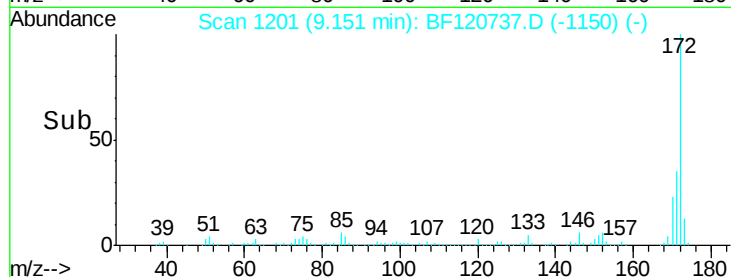
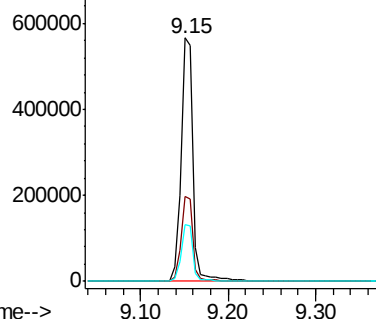
Tot Ion	Ratio	Resp	Lower	Upper
172	100	533180		
171	35.1		28.6	43.0
170	23.4		19.1	28.7

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM

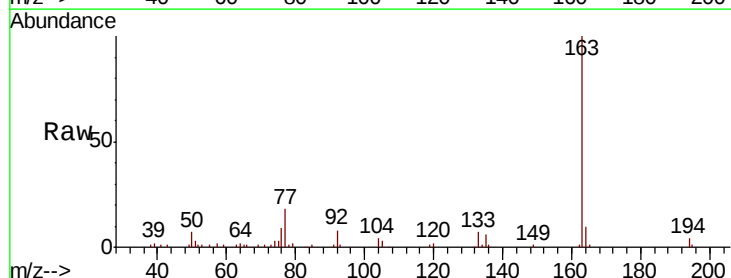


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

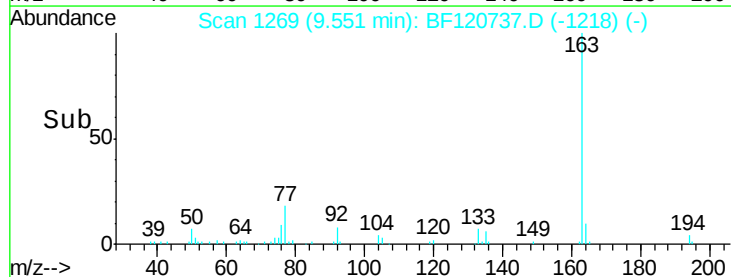
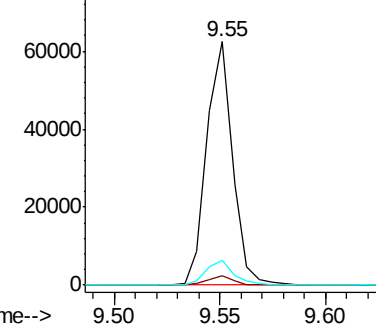


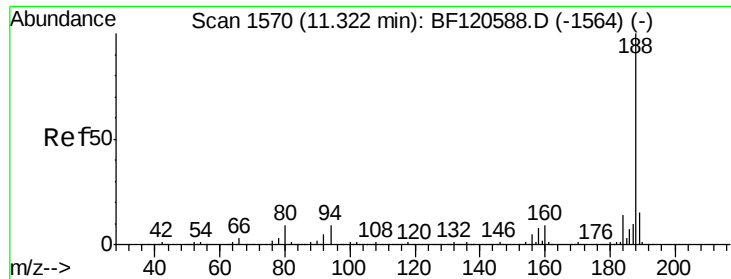
#50
Dimethylphthalate
Concen: 6.845 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	52637		
194	3.8		3.0	4.6
164	10.3		8.2	12.2



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: 11.32 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Instrument :

BNA_F

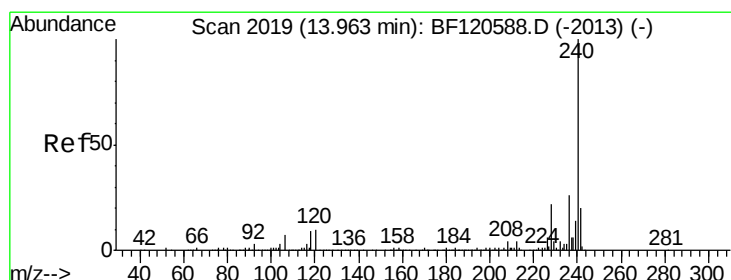
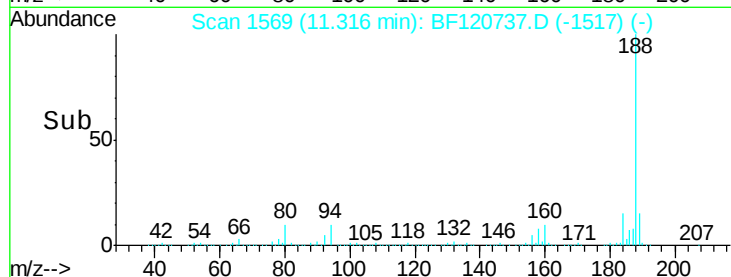
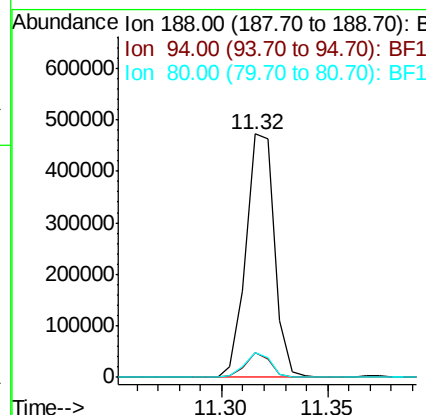
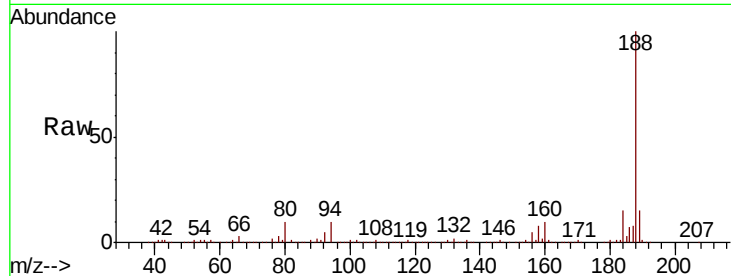
ClientSampleId :

BU-03-062620

Tot Ion:	188	Resp:	441268
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.5	11.3
80	9.9	7.7	11.5

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM



#76

Chrysene-d12

Concen: 20.000 ng

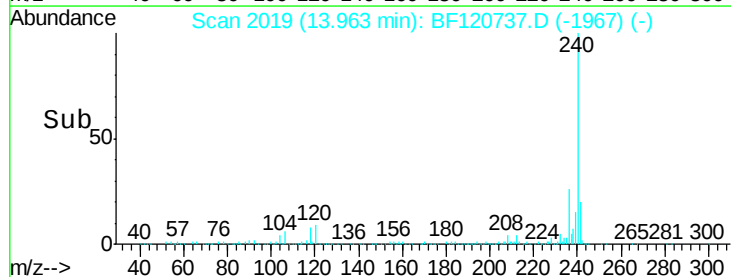
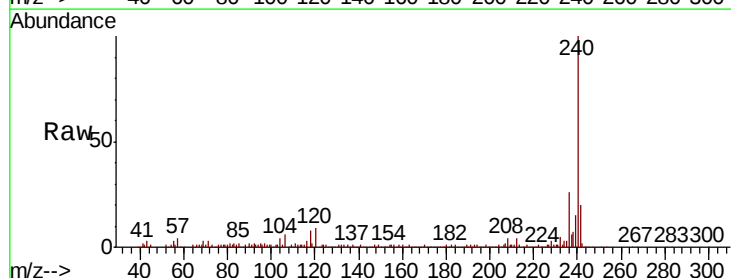
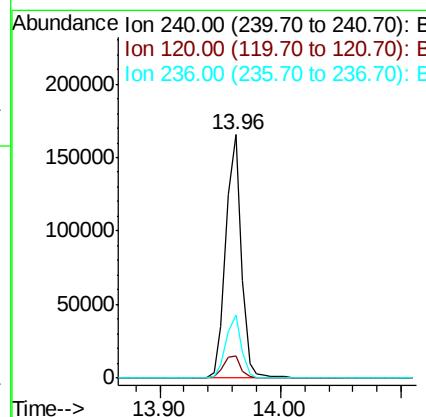
RT: 13.96 min Scan# 2019

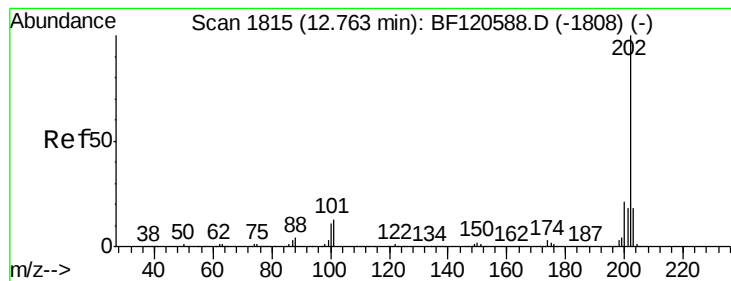
Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Tgt Ion:	240	Resp:	146873
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.6	11.4
236	25.9	21.0	31.4





#78

Pvrene

Concen: 3.575 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Instrument :

BNA_F

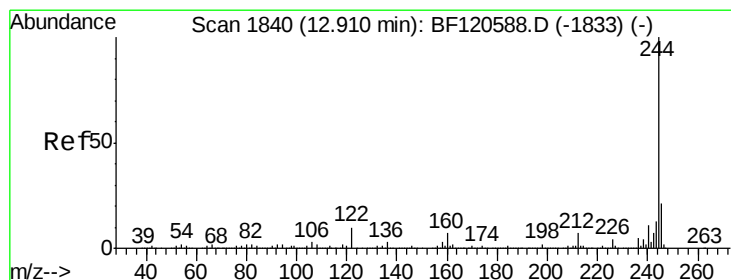
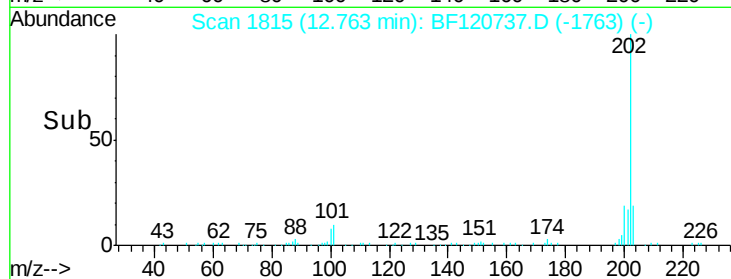
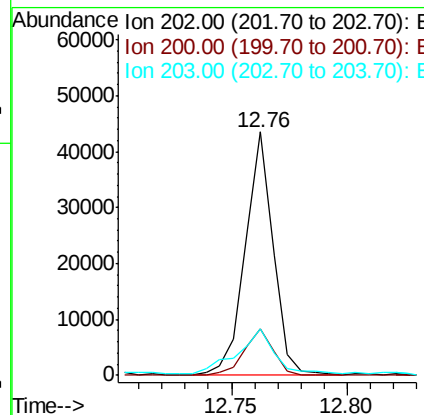
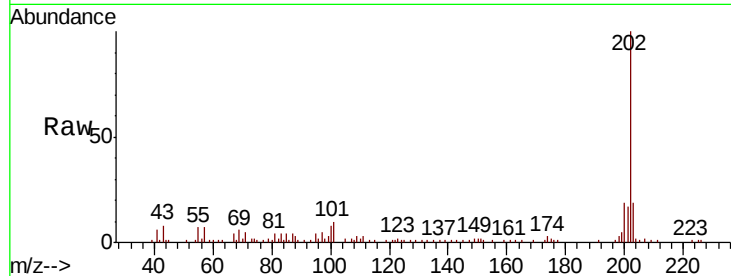
ClientSampleId :

BU-03-062620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		37198		
200	18.9	16.6	25.0		
203	19.0	14.2	21.2		

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM



#79

Terphenyl-d14

Concen: 83.415 ng

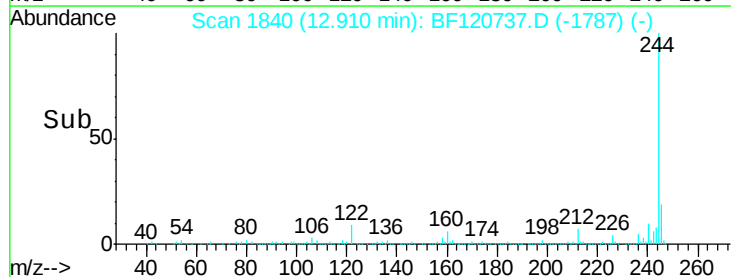
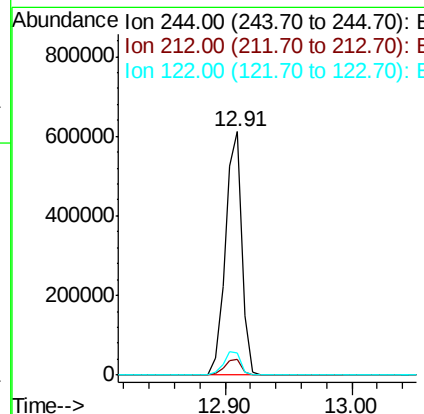
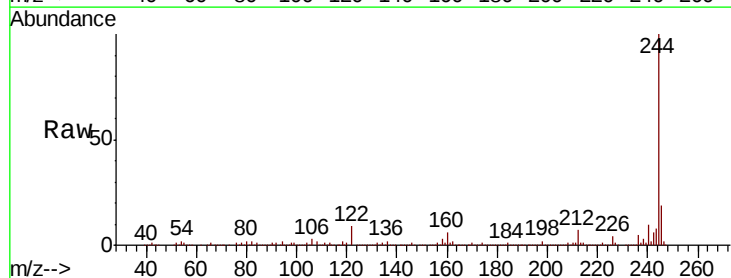
RT: 12.91 min Scan# 1840

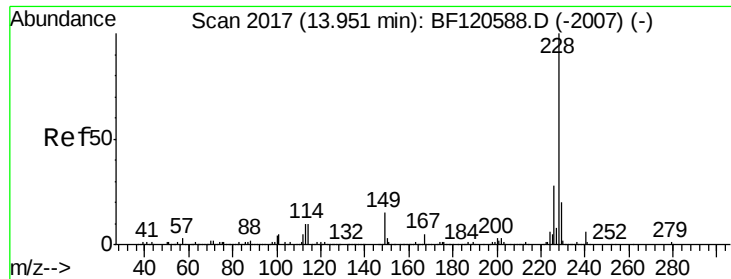
Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		554643		
212	6.6	5.6	8.4		
122	9.1	8.8	13.2		





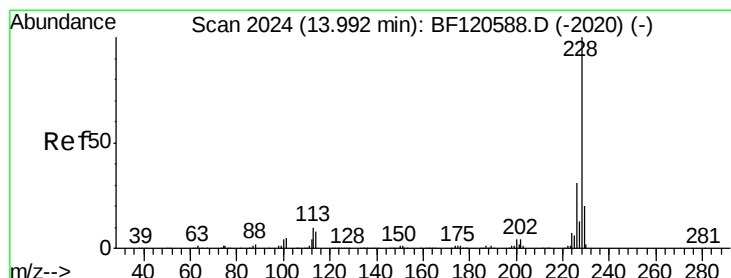
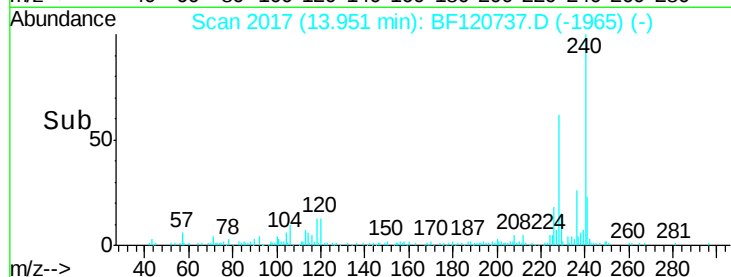
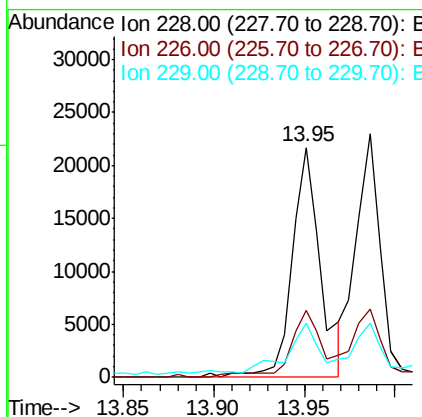
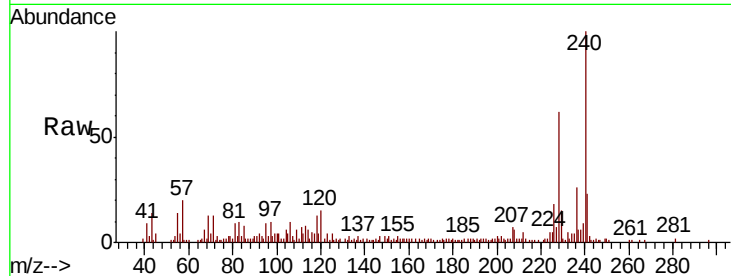
#81
Benzo(a)anthracene
Concen: 2.698 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Instrument :
BNA_F
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	23.5	16.3	24.5

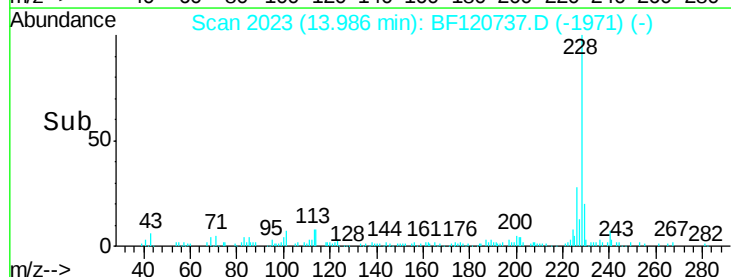
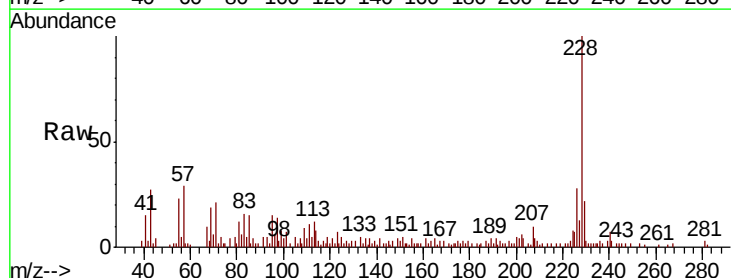
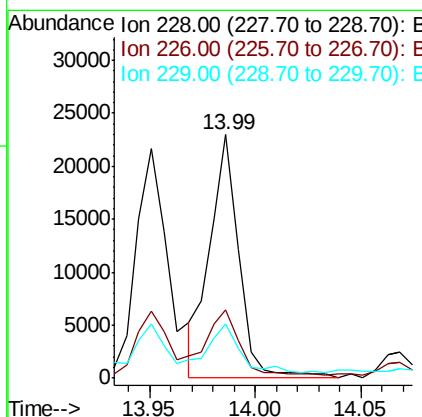
Manual Integrations
APPROVED

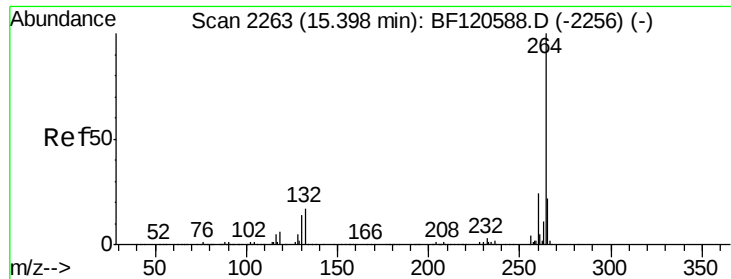
mohammad
6/30/2020 4:14:41 PM



#83
Chrysene
Concen: 2.457 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	22.1	16.1	24.1





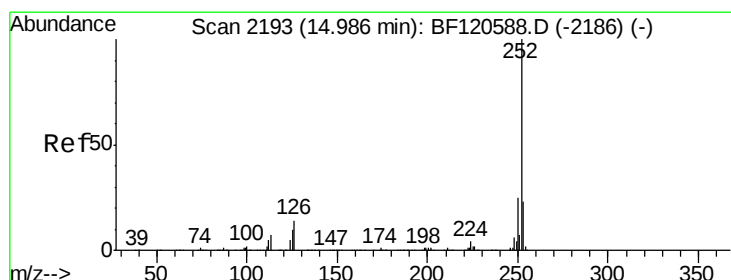
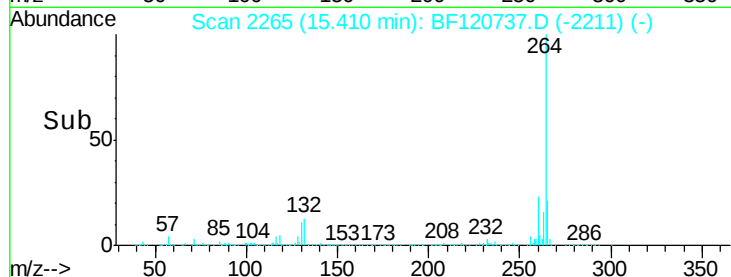
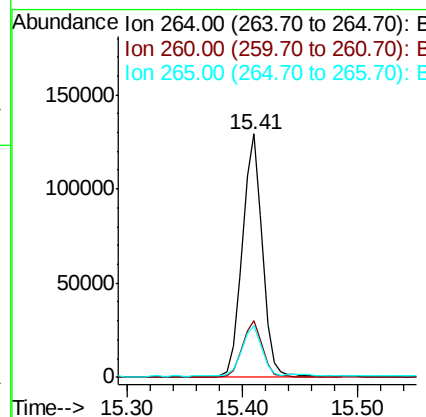
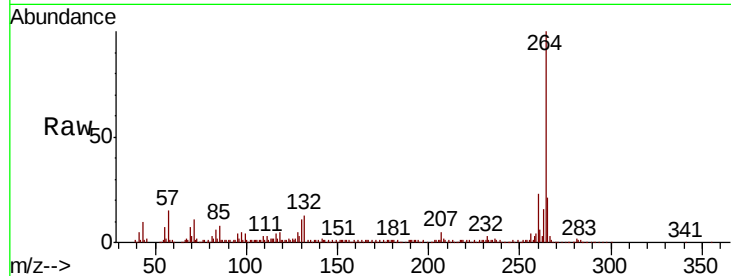
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Instrument :
BNA_F
ClientSampleId :
BU-03-062620

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.4	17.4	26.0

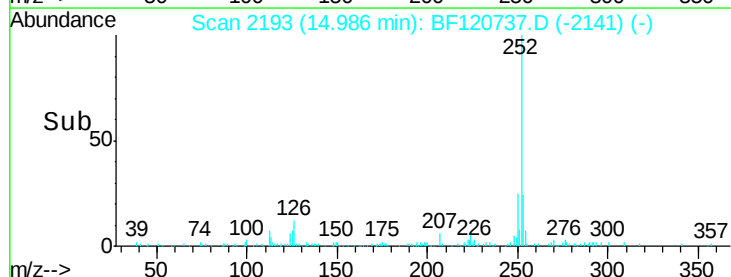
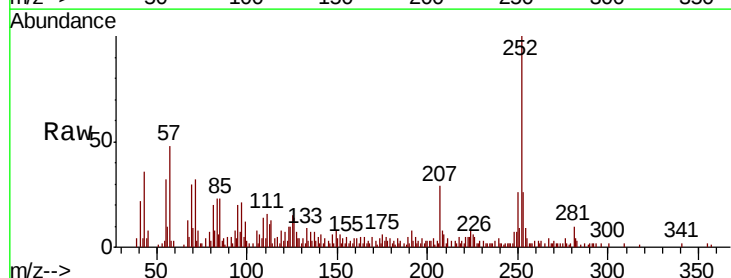
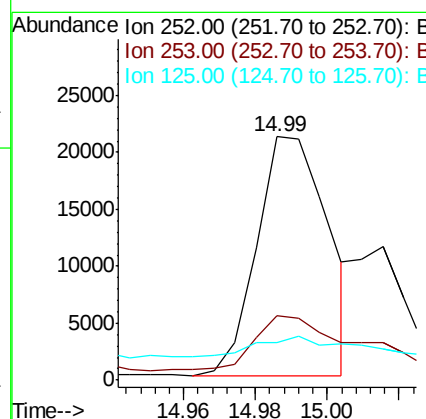
Manual Integrations
APPROVED

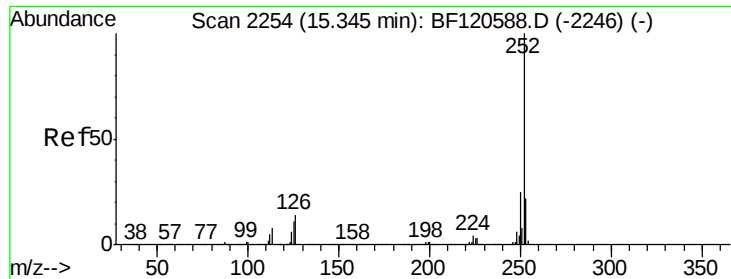
mohammad
6/30/2020 4:14:41 PM



#88
Benzo(b)fluoranthene
Concen: 3.130 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF120737.D
Acq: 29 Jun 2020 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.1	27.1
125	15.4	7.9	11.9





#90

Benzo(a)pyrene

Concen: 2.352 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF120737.D

Acq: 29 Jun 2020 19:46

Instrument :

BNA_F

ClientSampleId :

BU-03-062620

Tot Ion:	252	Resp:	19634
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.9	26.9
125	23.8	9.0	13.6

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:41 PM

