

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118882.D
 Acq On : 10 Feb 2020 21:43
 Operator : CG/JU
 Sample : L1468-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:01 AM

Quant Time: Feb 11 01:29:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	183523	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	697802	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	396909	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	660885	20.00	ng	0.00
76) Chrysene-d12	13.98	240	463168	20.00	ng	0.00
87) Perylene-d12	15.43	264	488515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	48643	5.02	ng	0.00
7) Phenol-d6	6.45	99	75963	6.31	ng	0.00
23) Nitrobenzene-d5	7.37	82	47423	4.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	23977	5.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	133334	6.01	ng	-0.01
79) Terphenyl-d14	12.92	244	135446	6.01	ng	-0.01

Target Compounds				Qvalue		
31) Naphthalene	8.12	128	3216903	100.797	ng	97
37) 2-Methylnaphthalene	8.81	142	1312512	59.298	ng	99
38) 1-Methylnaphthalene	8.91	142	1006954	48.360	ng	99
46) 1,1'-Biphenyl	9.27	154	388785	14.160	ng	97
49) Acenaphthylene	9.72	152	1795438	54.479	ng	98
52) Acenaphthene	9.88	154	108947	5.017	ng	99
55) Dibenzofuran	10.06	168	263019	8.381	ng	# 93
58) Fluorene	10.40	166	923731	39.123	ng	98
71) Phenanthrene	11.37	178	4349098	133.750	ng	96
72) Anthracene	11.42	178	1438653	44.474	ng	99
73) Carbazole	11.56	167	144724	5.098	ng	99
75) Fluoranthene	12.56	202	2725838	76.779	ng	98
78) Pvrene	12.79	202	3644110	114.687	ng	97
81) Benzo(a)anthracene	13.97	228	1598765m	58.008	ng	
83) Chrysene	14.00	228	1475453	53.339	ng	97
86) Indeno(1,2,3-cd)pyrene	16.87	276	603699	21.721	ng	96
88) Benzo(b)fluoranthene	15.02	252	1312283m	43.291	ng	
89) Benzo(k)fluoranthene	15.03	252	498116m	18.870	ng	
90) Benzo(a)pvrene	15.37	252	1401352	54.018	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	174080	7.559	ng	# 91
92) Benzo(g,h,i)perylene	17.31	276	660249	29.811	ng	97

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

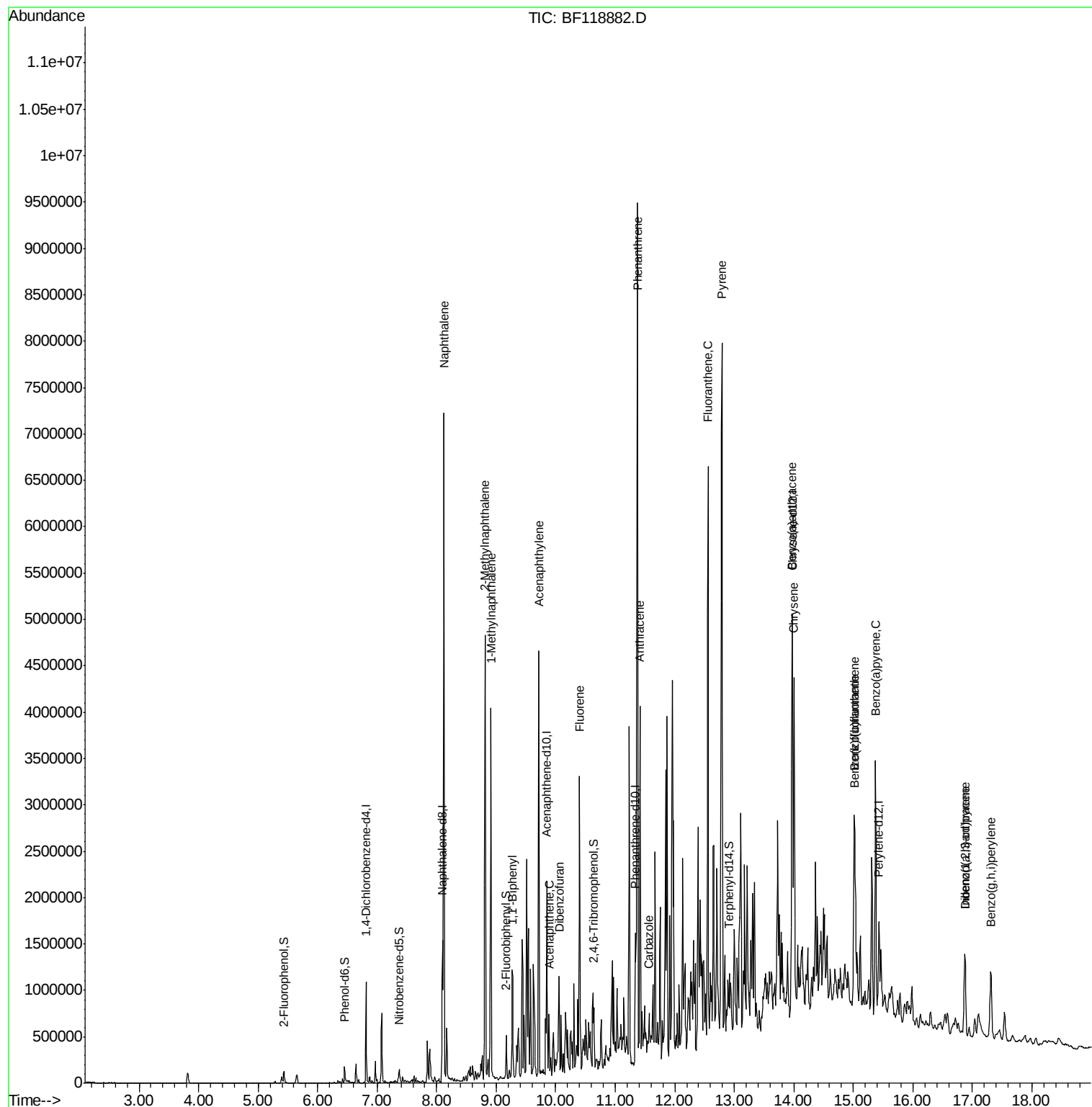
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118882.D
Acq On : 10 Feb 2020 21:43
Operator : CG/JU
Sample : L1468-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

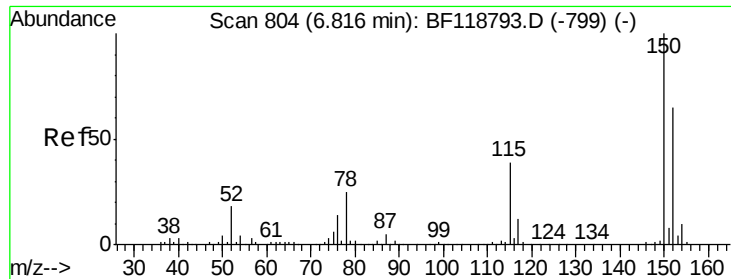
Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:01 AM

Quant Time: Feb 11 01:29:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





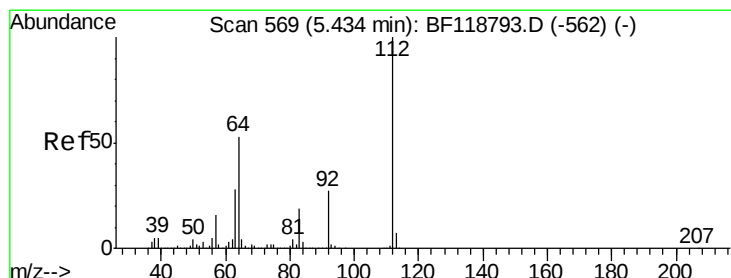
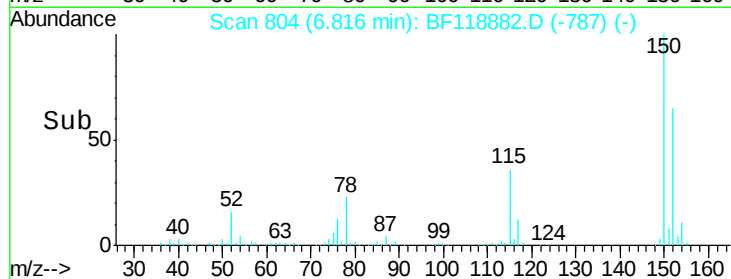
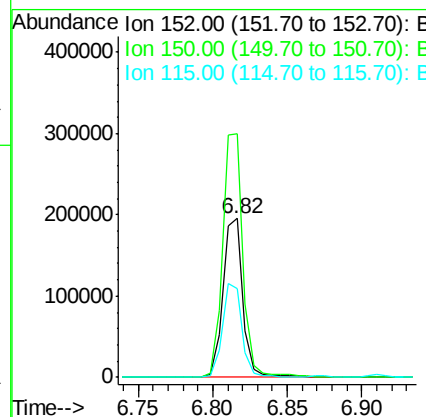
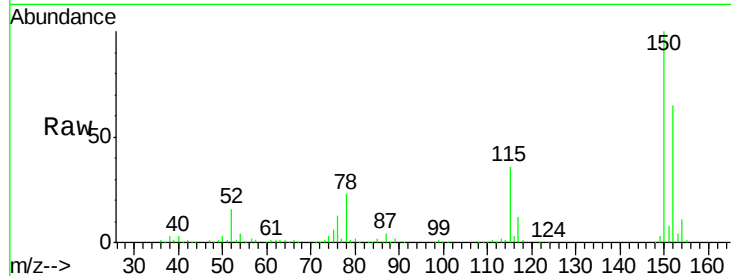
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.6	185.4
115	55.6	48.2	72.2

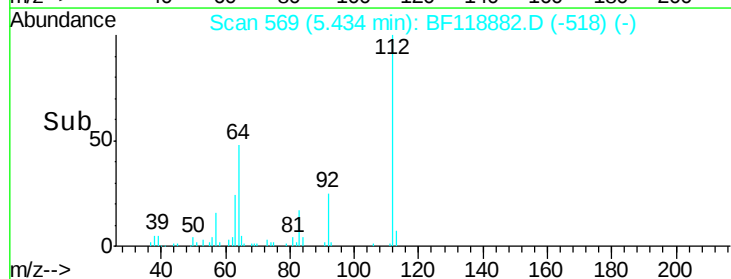
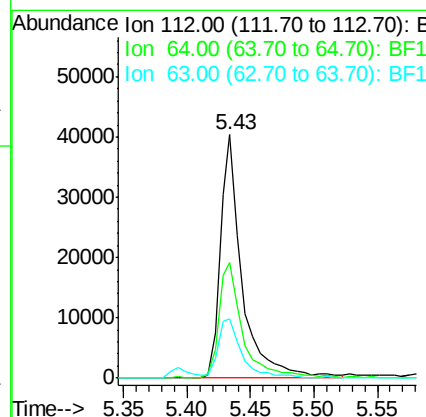
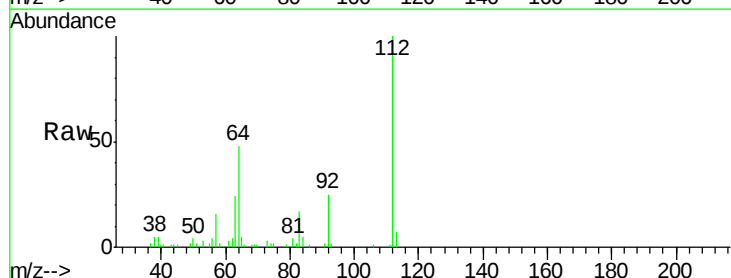
Manual Integrations
 APPROVED

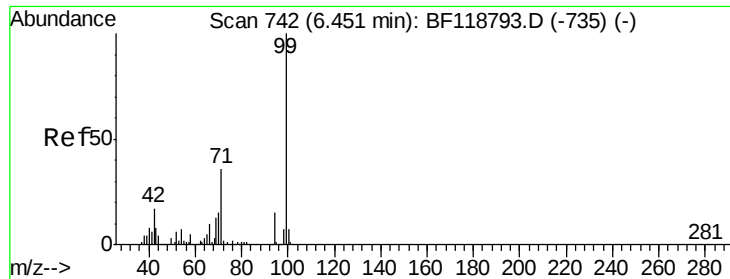
mohammad
 2/13/2020 10:29:01 AM



#5
 2-Fluorophenol
 Concen: 5.017 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	42.6	63.8
63	24.4	22.2	33.4





#7

Phenol-d6

Concen: 6.312 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

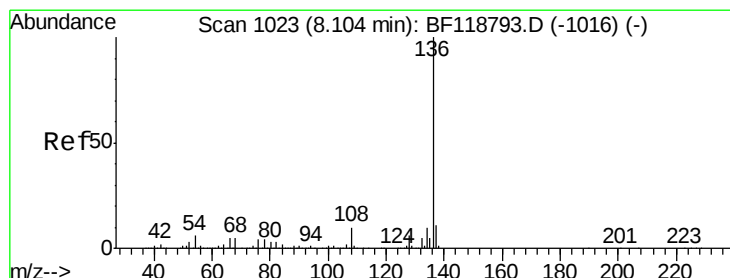
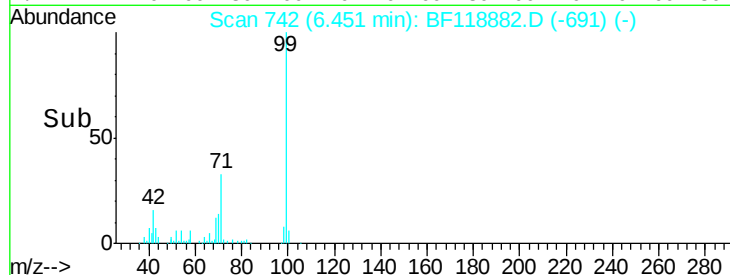
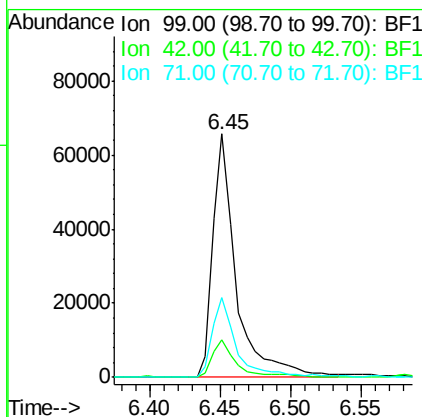
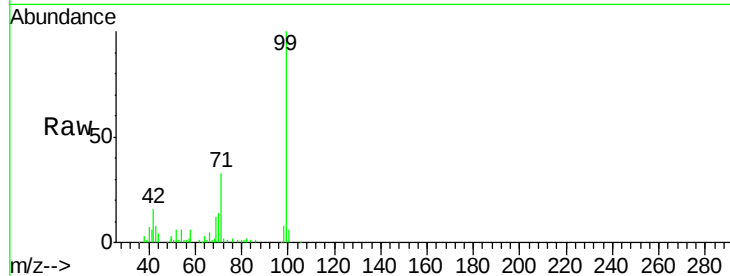
ClientSampleId :

TP11-EP1-2.5

Tot Ion:	99	Resp:	75963
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.4	20.0
71	32.7	29.0	43.6

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:01 AM



#21

Naphthalene-d8

Concen: 20.000 ng

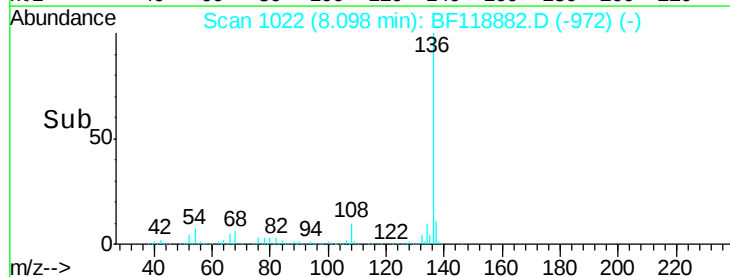
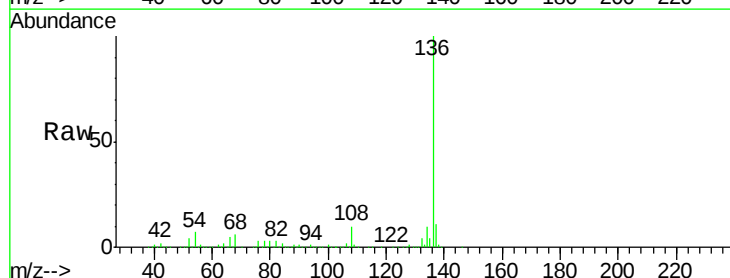
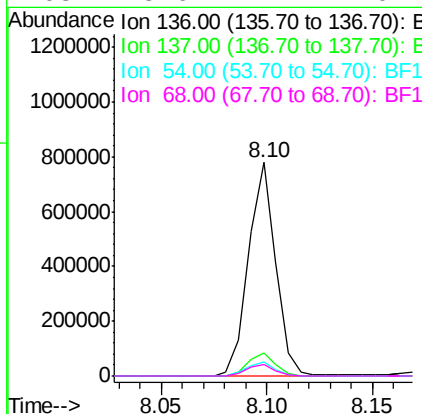
RT: 8.10 min Scan# 1022

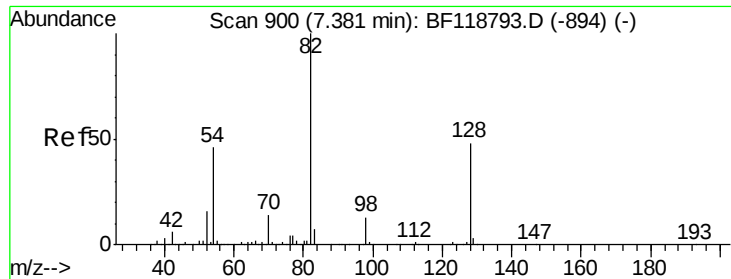
Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Tgt Ion:	136	Resp:	697802
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	6.6	5.0	7.6
68	5.6	4.2	6.4





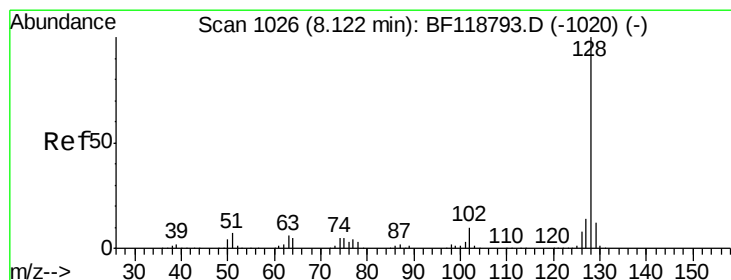
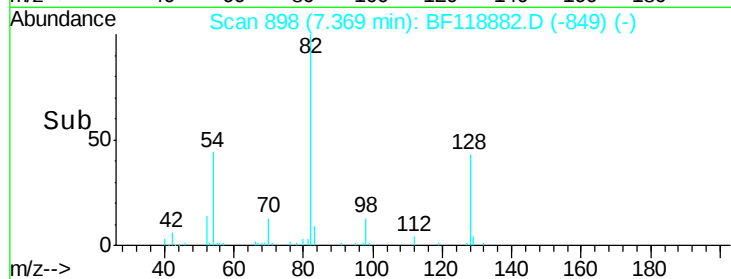
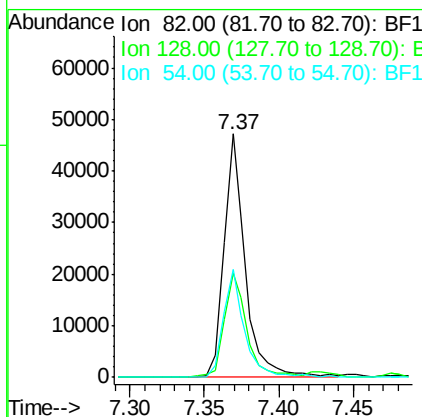
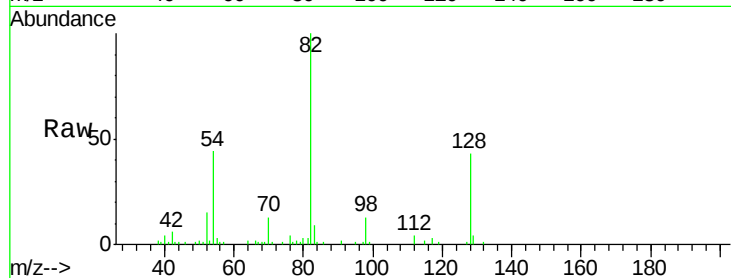
#23
Nitrobenzene-d5
Concen: 4.051 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	82	Resp	47423
Ion Ratio	100	Lower	Upper
82	100		
128	43.0	38.5	57.7
54	44.2	36.7	55.1

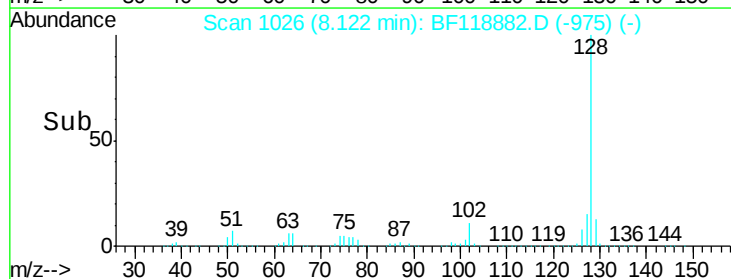
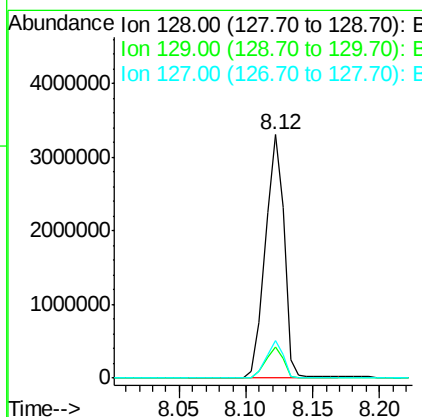
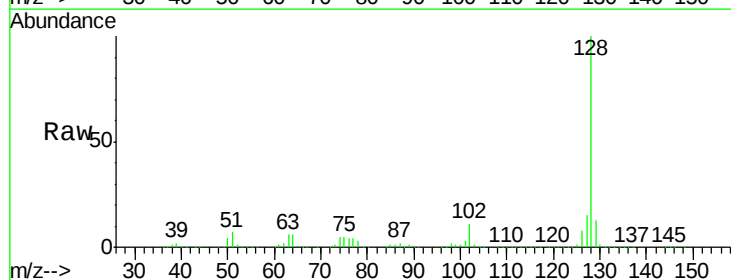
Manual Integrations
APPROVED

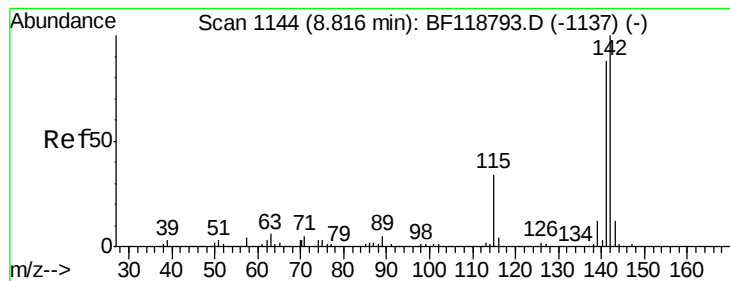
mohammad
2/13/2020 10:29:01 AM



#31
Naphthalene
Concen: 100.797 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	128	Resp	3216903
Ion Ratio	100	Lower	Upper
128	100		
129	12.7	9.4	14.2
127	15.3	11.3	16.9





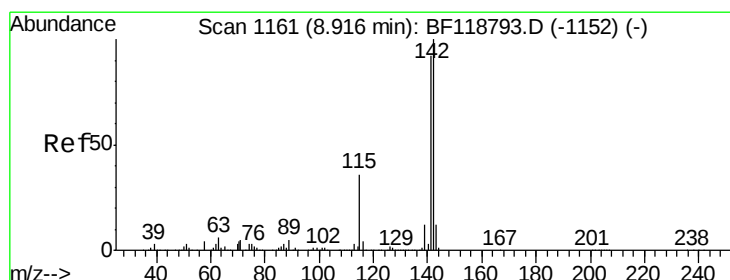
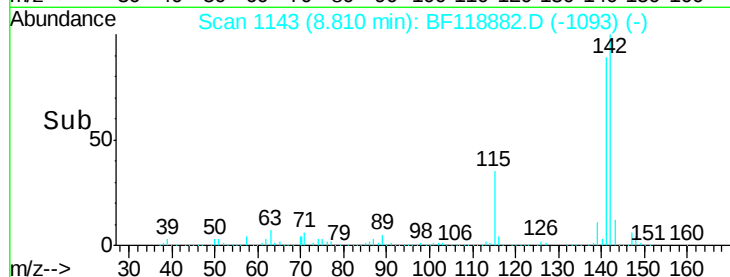
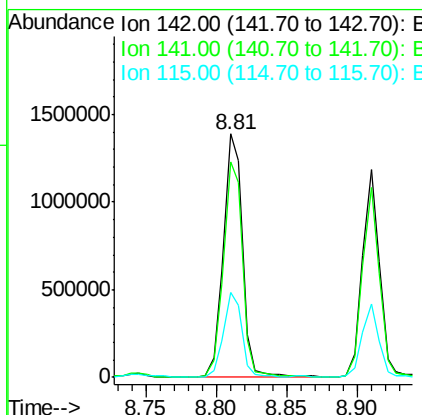
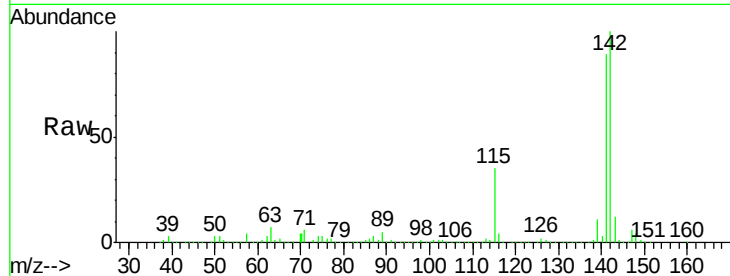
#37
2-Methylnaphthalene
Concen: 59.298 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.1	105.1
115	34.8	27.3	40.9

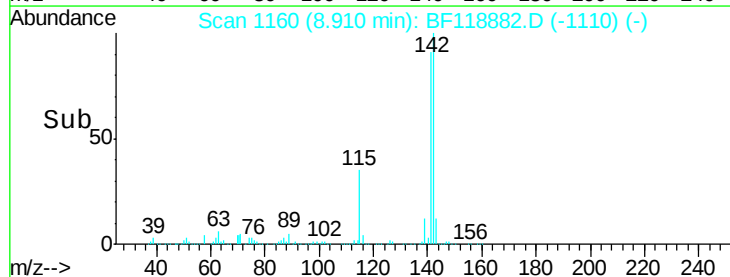
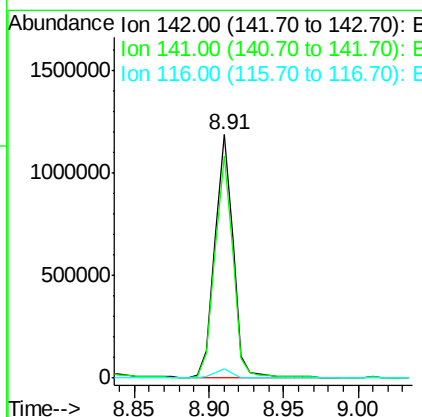
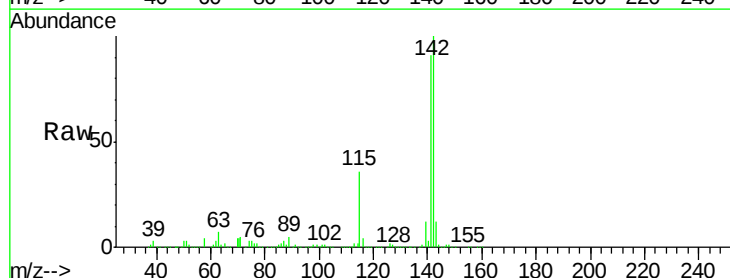
Manual Integrations
APPROVED

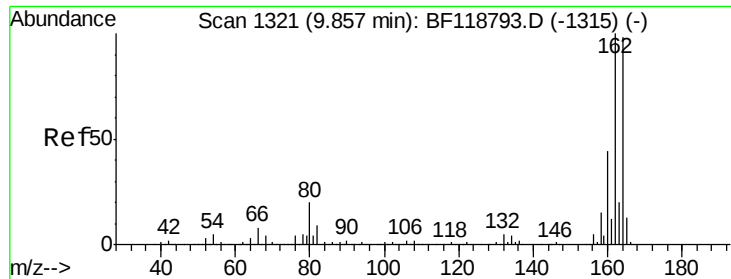
mohammad
2/13/2020 10:29:01 AM



#38
1-Methylnaphthalene
Concen: 48.360 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.6
116	3.9	3.0	4.4





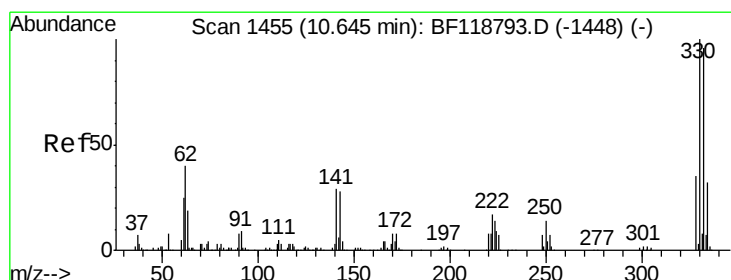
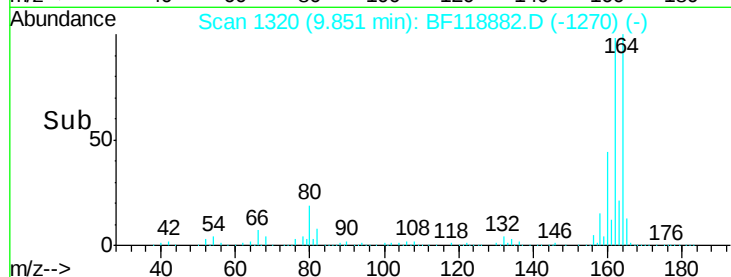
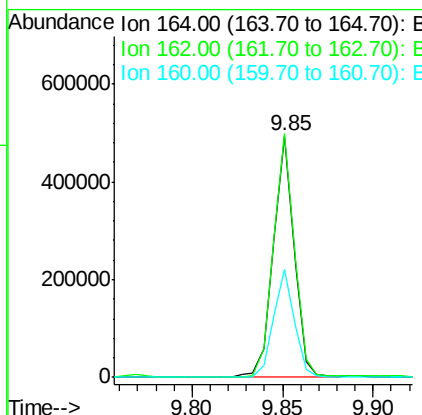
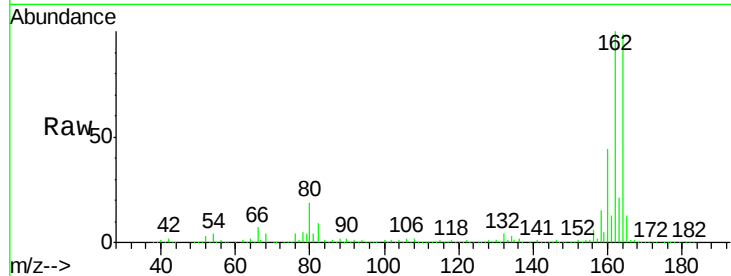
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	81.4	122.2	
160	44.7	35.6	53.4	

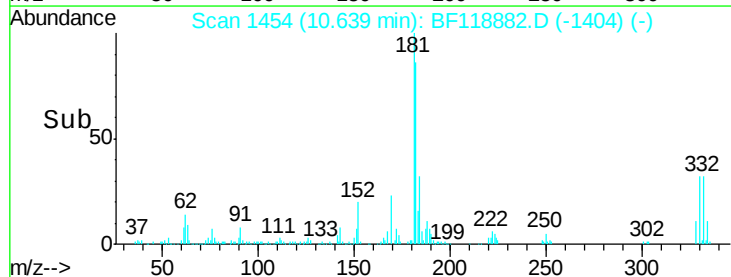
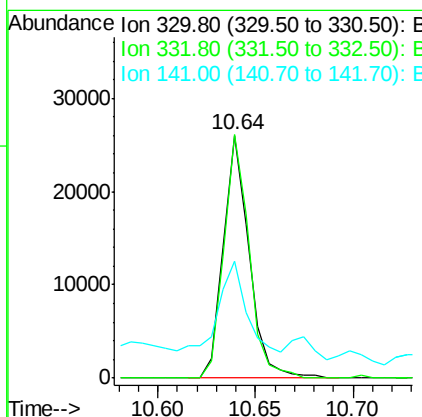
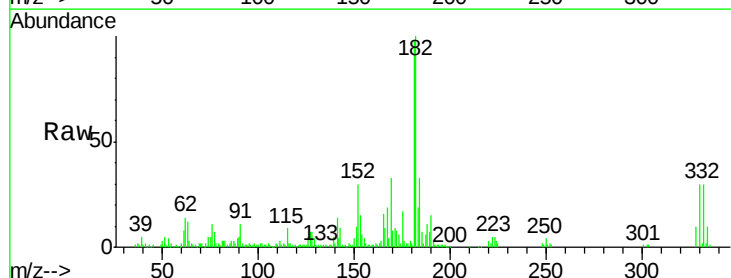
Manual Integrations
APPROVED

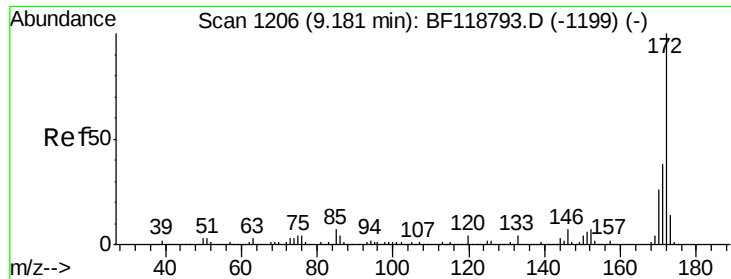
mohammad
2/13/2020 10:29:01 AM



#42
2,4,6-Tribromophenol
Concen: 5.049 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.3	115.9	
141	39.2	22.4	33.6#	





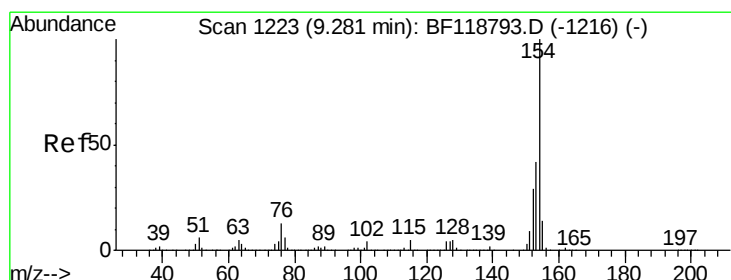
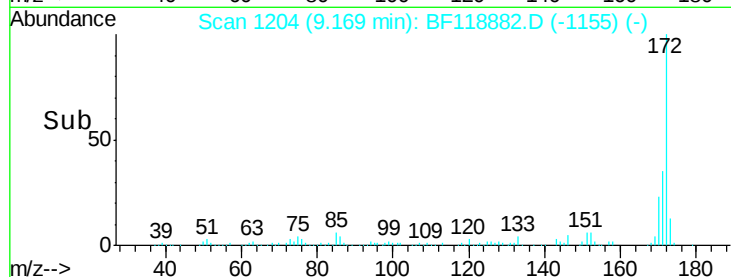
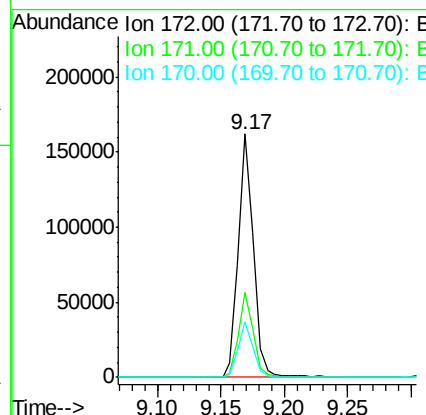
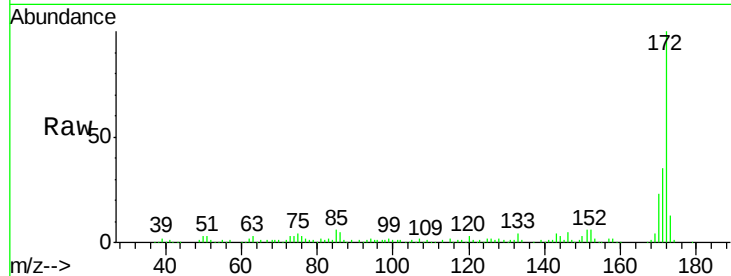
#45
2-Fluorobiphenyl
Concen: 6.005 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Resp	Lower	Upper
172	100	133334		
171	35.0		30.8	46.2
170	23.0		20.5	30.7

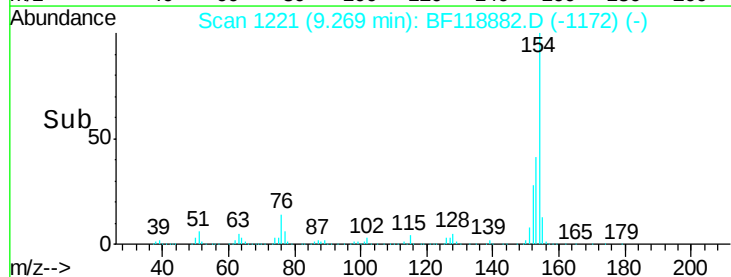
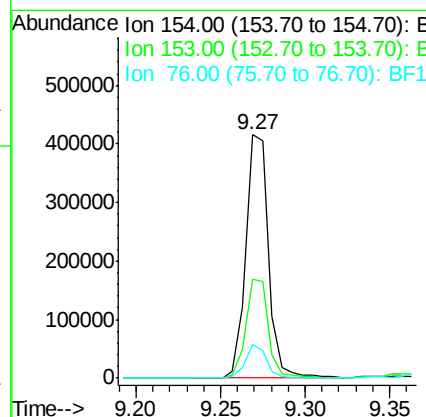
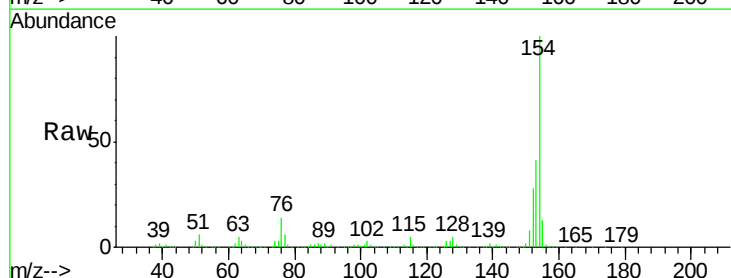
Manual Integrations
APPROVED

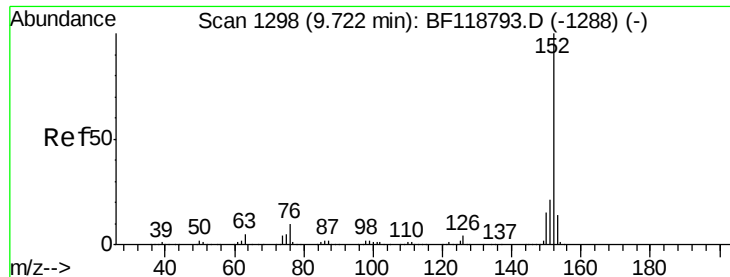
mohammad
2/13/2020 10:29:01 AM



#46
1,1'-Biphenyl
Concen: 14.160 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	388785		
153	40.6		22.4	62.4
76	13.6		0.0	32.7





#49

Acenaphthylene

Concen: 54.479 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

Tot Ion:152 Resp: 1795438

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

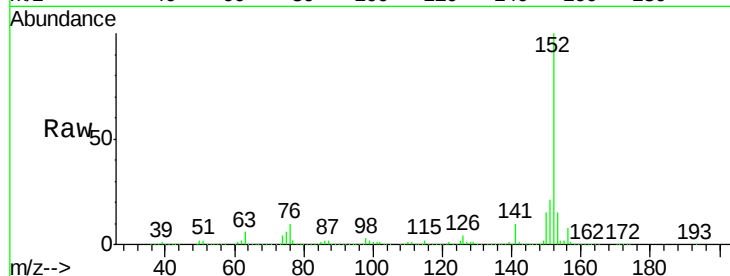
153 15.2 11.0 16.4

Manual Integrations

APPROVED

mohammad

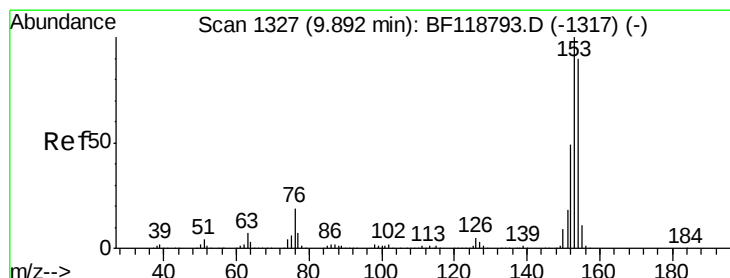
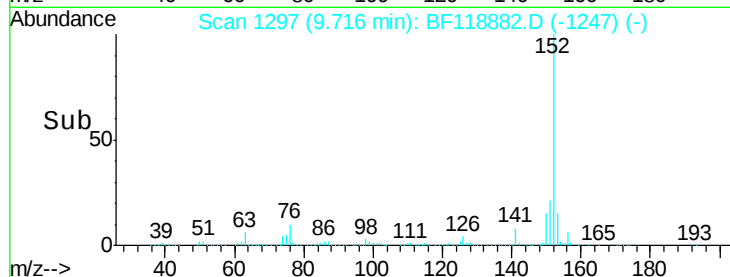
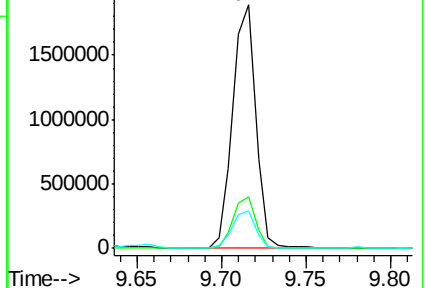
2/13/2020 10:29:01 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#52

Acenaphthene

Concen: 5.017 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

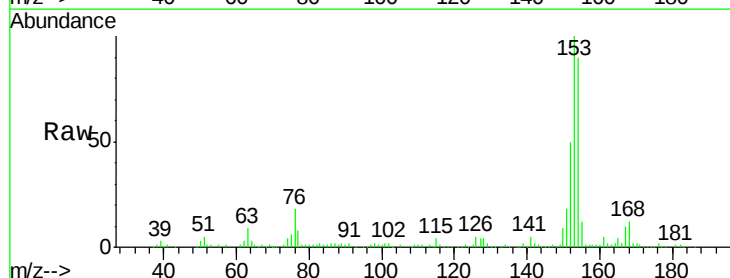
Tgt Ion:154 Resp: 108947

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

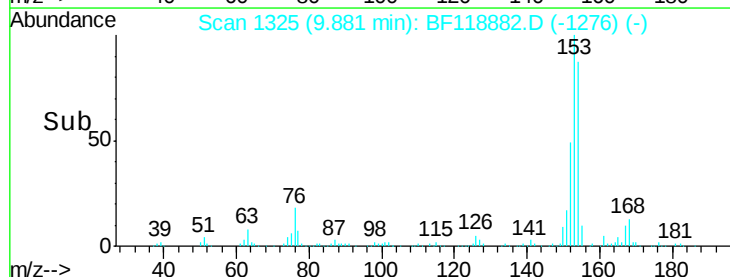
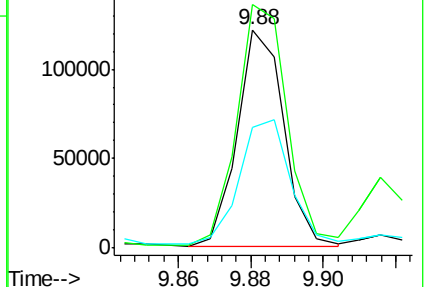
152 55.6 43.6 65.4

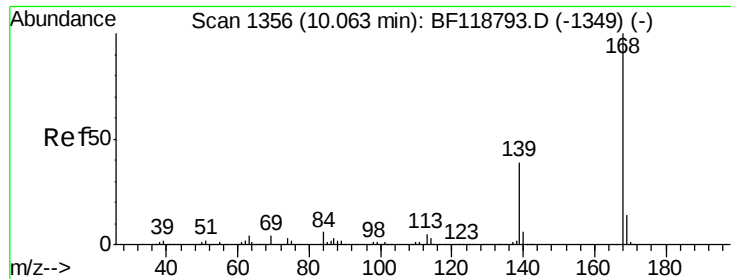


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





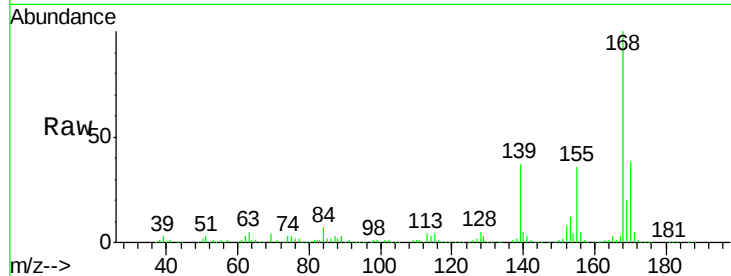
#55
Dibenzofuran
Concen: 8.381 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

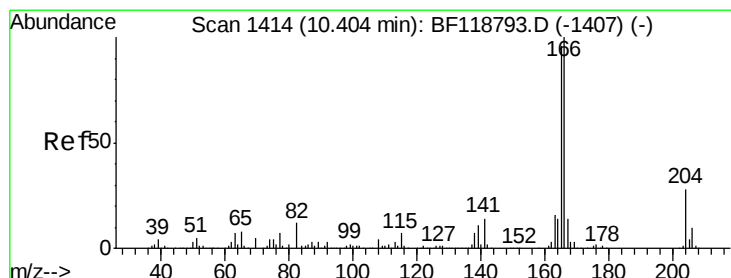
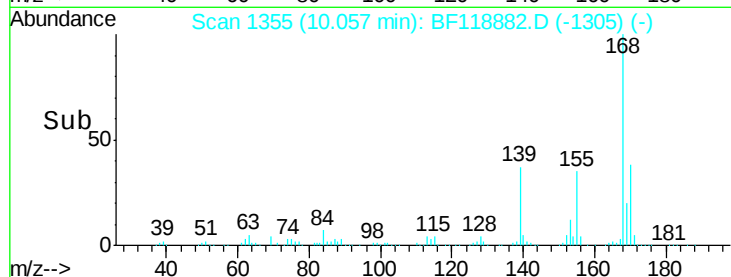
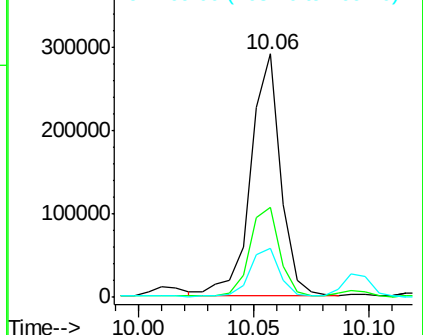
Tot Ion	Ratio	Resp	Lower	Upper
168	100	263019		
139	37.0		31.6	47.4
169	20.1		11.4	17.2

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:01 AM

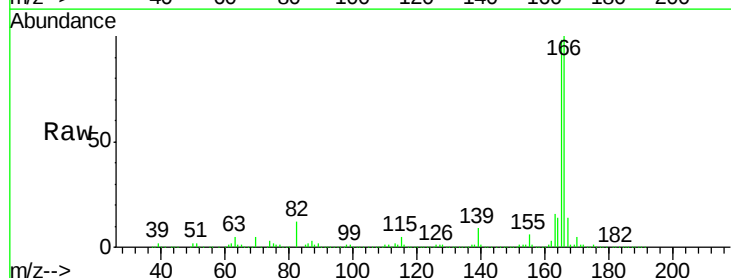


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

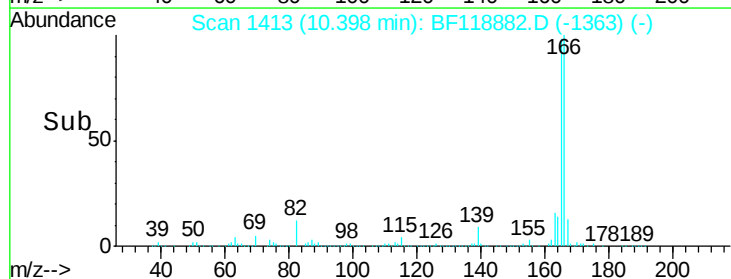
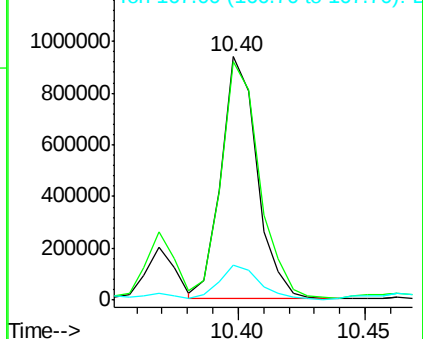


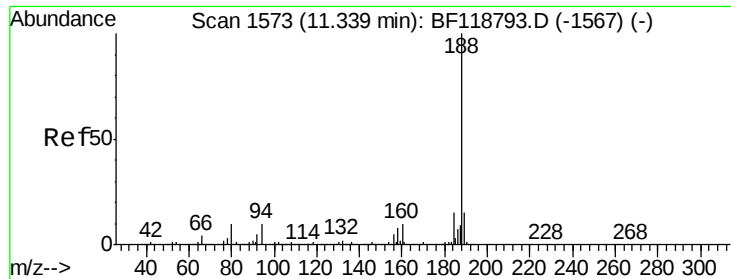
#58
Fluorene
Concen: 39.123 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	923731		
165	98.2		77.0	115.6
167	14.4		11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





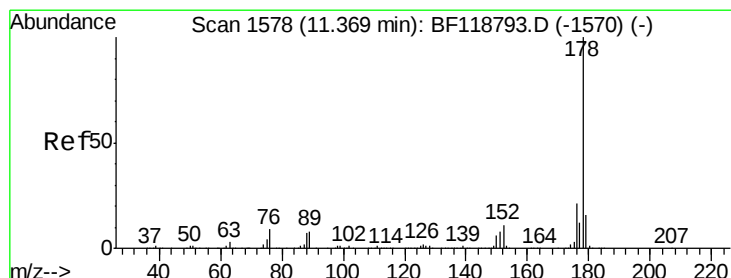
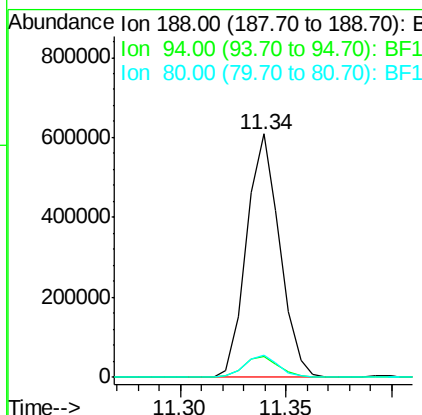
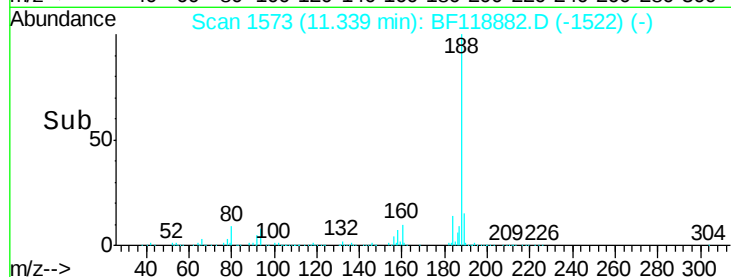
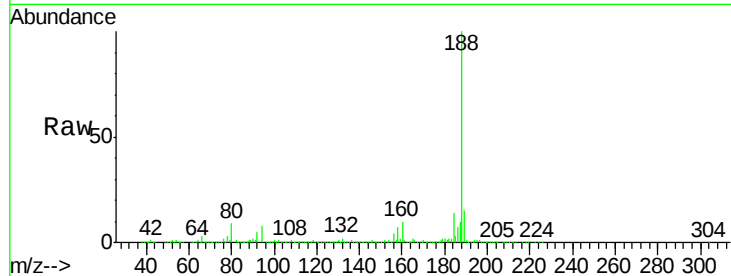
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	7.9	11.9
80	8.9	8.4	12.6

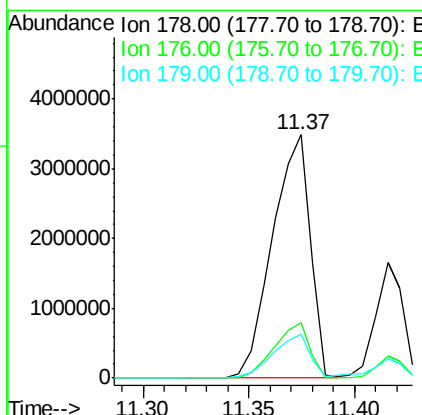
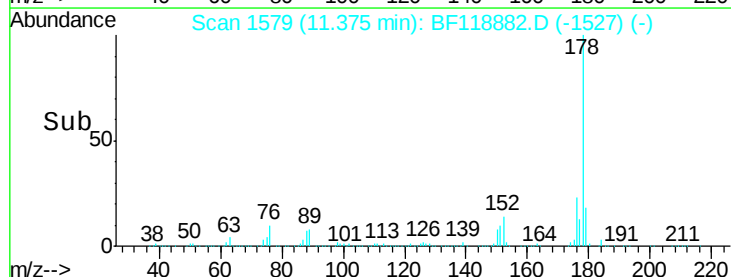
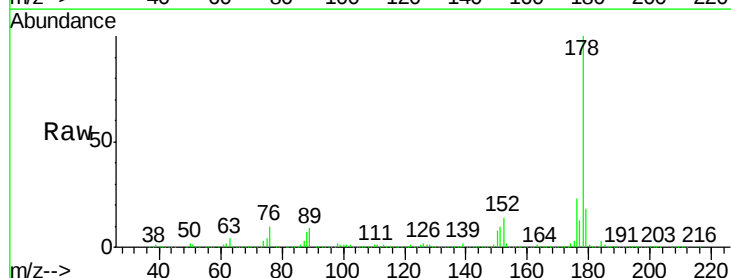
Manual Integrations
APPROVED

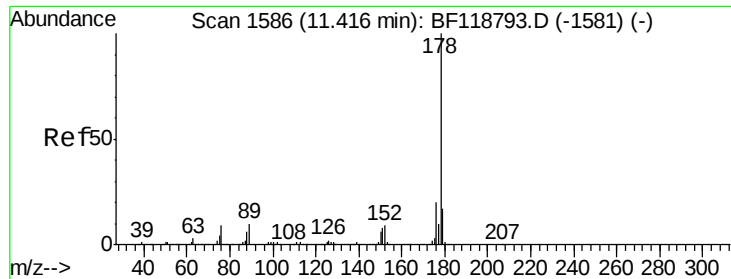
mohammad
2/13/2020 10:29:01 AM



#71
Phenanthrene
Concen: 133.750 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	22.6	16.6	24.8
179	17.8	13.2	19.8





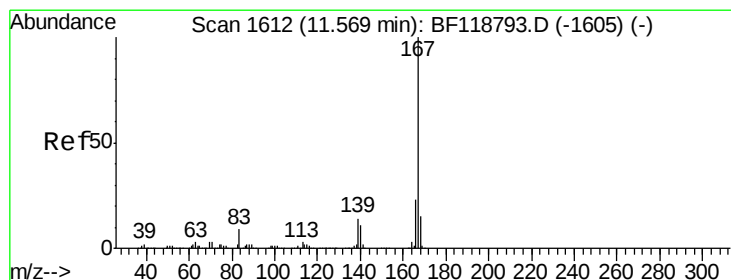
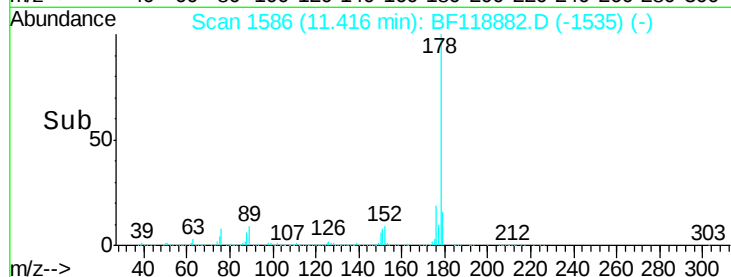
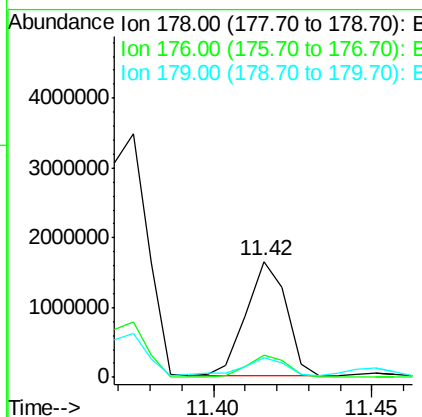
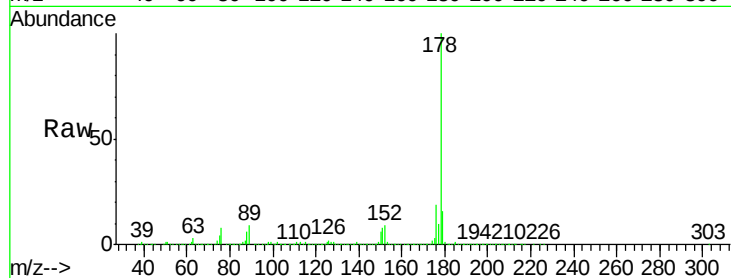
#72
 Anthracene
 Concen: 44.474 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Tot Ion:178 Resp: 1438653
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.2
 179 16.5 13.4 20.2

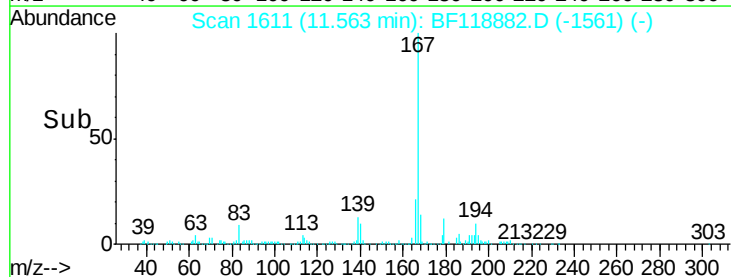
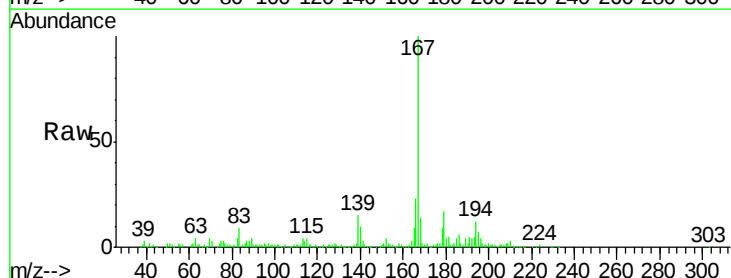
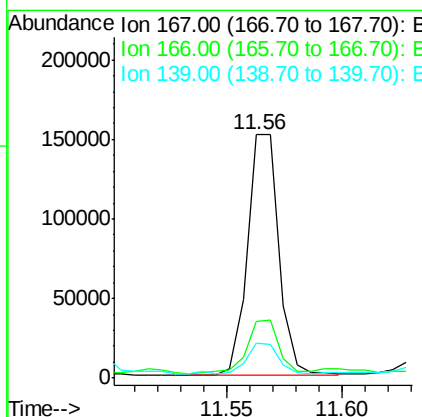
Manual Integrations
 APPROVED

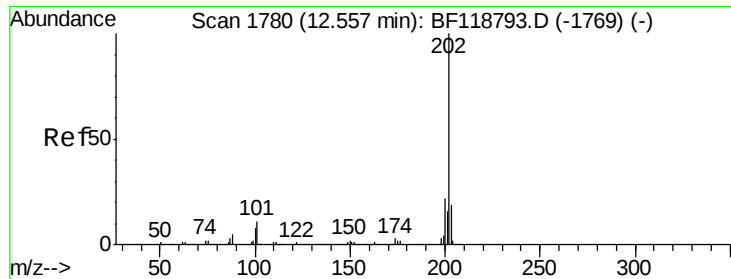
mohammad
 2/13/2020 10:29:01 AM



#73
 Carbazole
 Concen: 5.098 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Tgt Ion:167 Resp: 144724
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 14.5 11.1 16.7





#75

Fluoranthene

Concen: 76.779 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

Tot Ion:202 Resp: 2725838

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.0

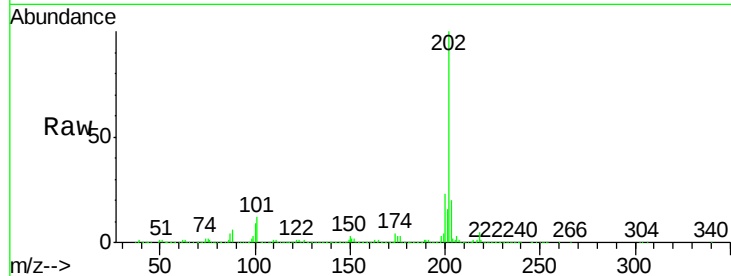
203 19.7 0.0 38.7

Manual Integrations

APPROVED

mohammad

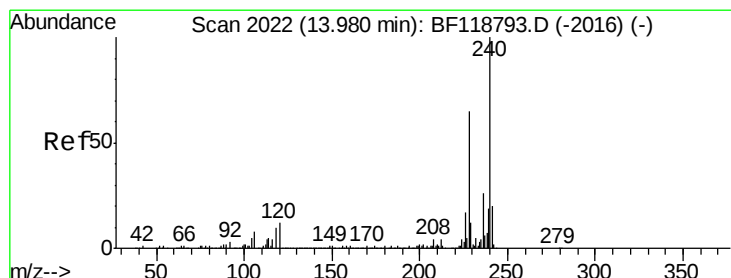
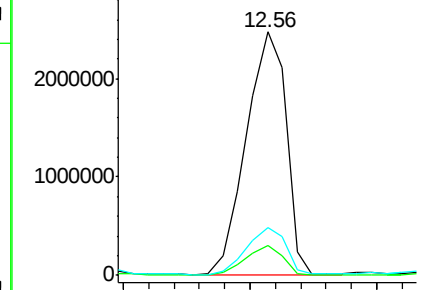
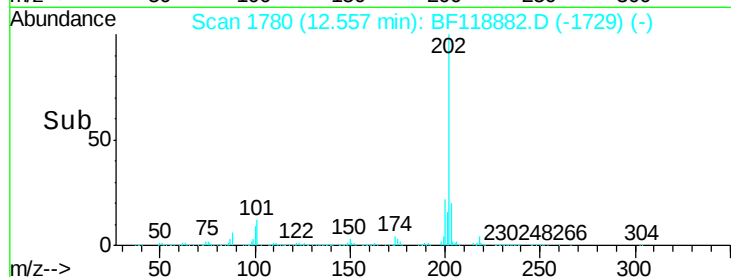
2/13/2020 10:29:01 AM



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: 13.98 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

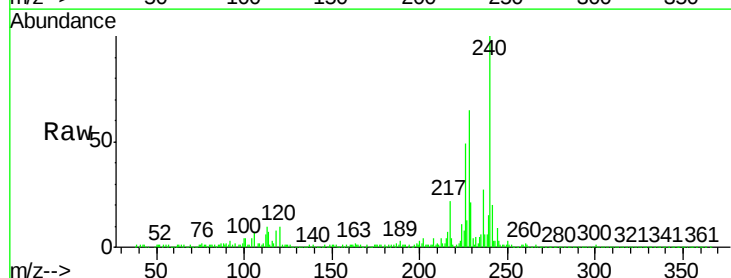
Tgt Ion:240 Resp: 463168

Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.0

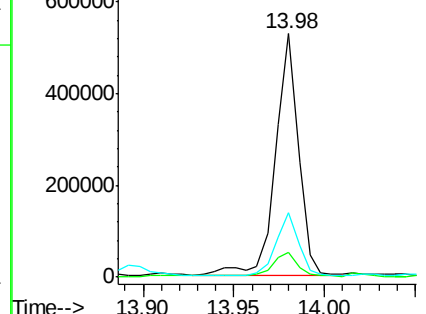
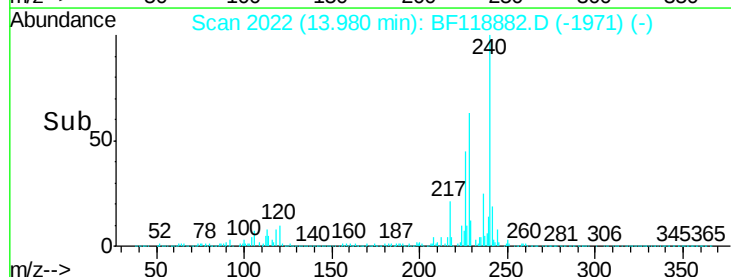
236 26.7 21.0 31.6

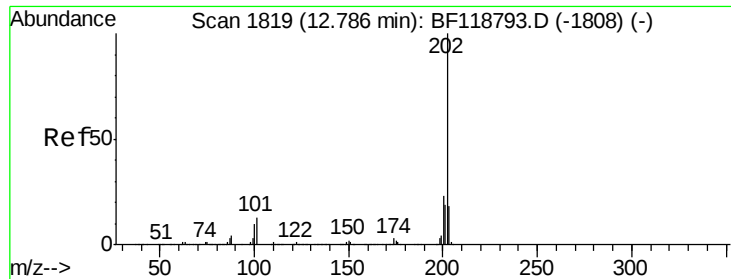


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





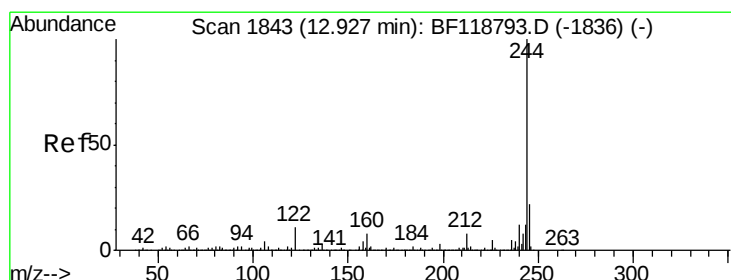
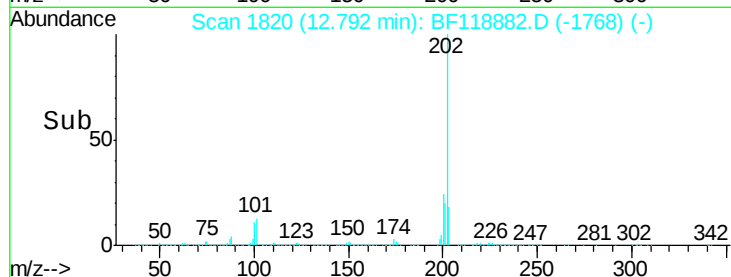
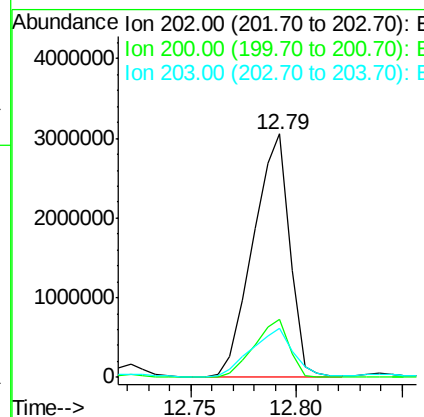
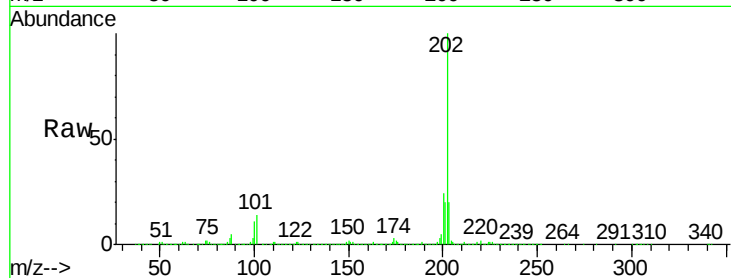
#78
Pvrene
Concen: 114.687 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.2
203	20.0	14.8	22.2

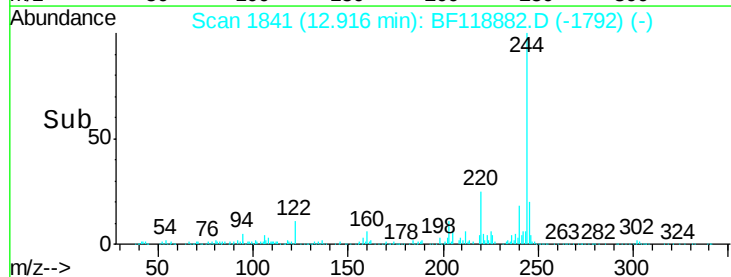
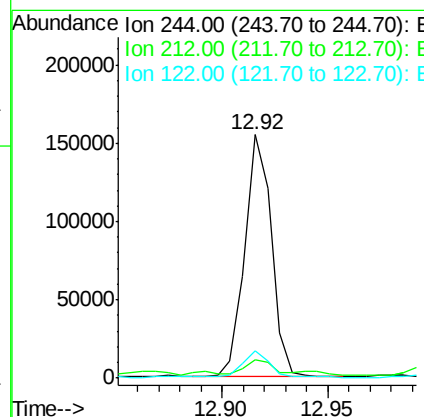
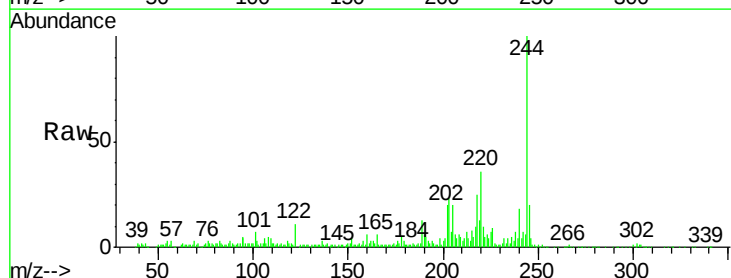
Manual Integrations
APPROVED

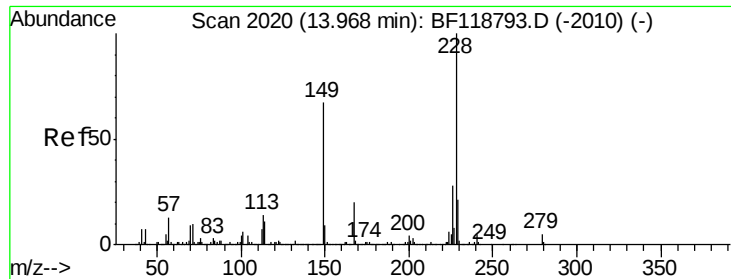
mohammad
2/13/2020 10:29:01 AM



#79
Terphenyl-d14
Concen: 6.007 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	11.4	8.9	13.3





#81

Benzo(a)anthracene

Concen: 58.008 ng m

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

Tot Ion:228 Resp: 1598765

Ion Ratio Lower Upper

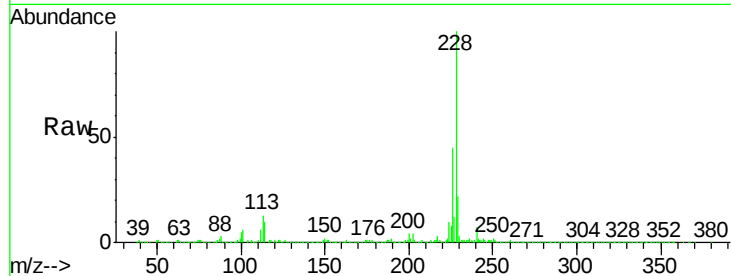
228 100

226 44.5 22.7 34.1#

229 22.3 16.6 25.0

Manual Integrations
APPROVED

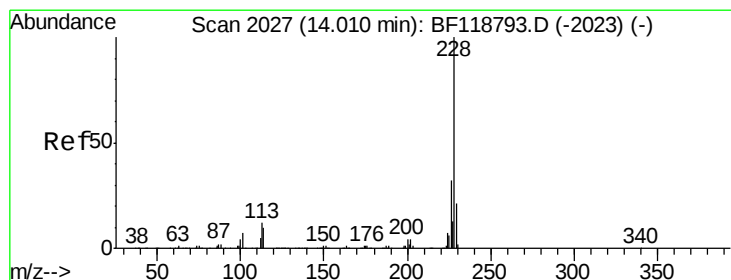
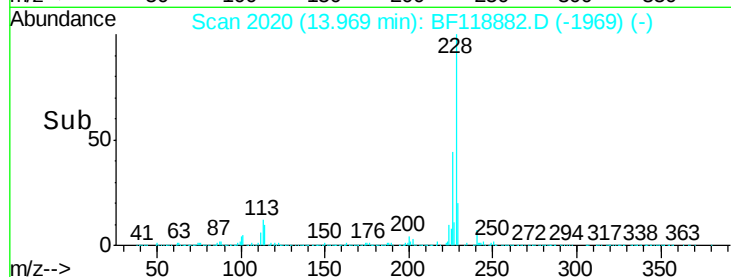
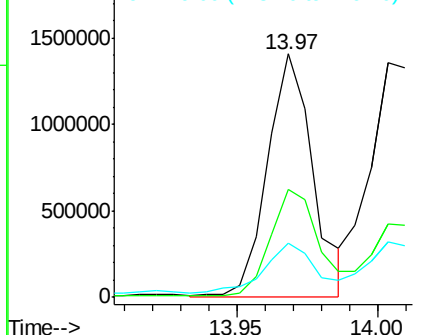
mohammad
2/13/2020 10:29:01 AM



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: 53.339 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Tgt Ion:228 Resp: 1475453

Ion Ratio Lower Upper

228 100

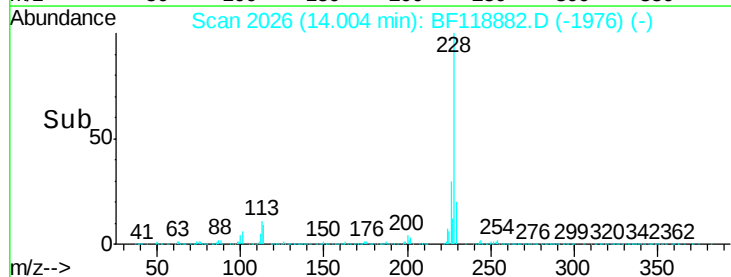
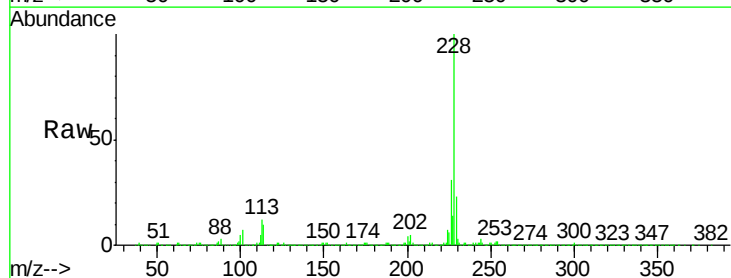
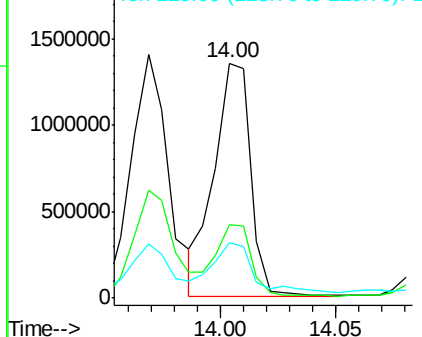
226 31.1 25.4 38.0

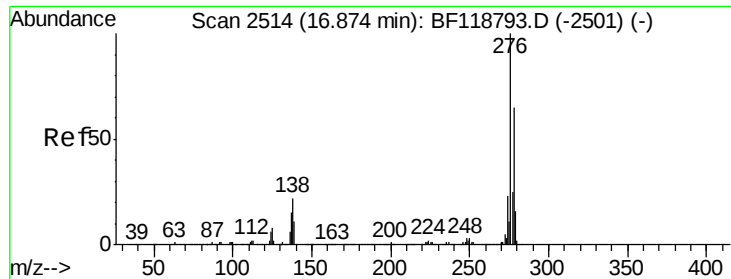
229 23.4 16.9 25.3

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





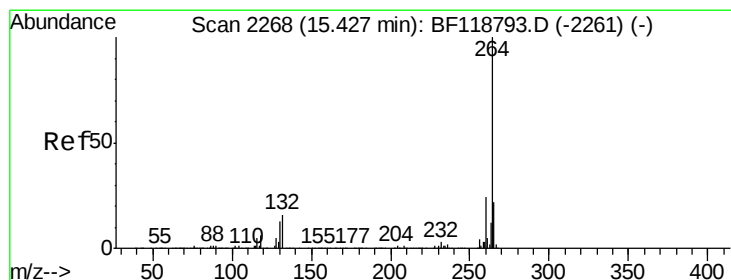
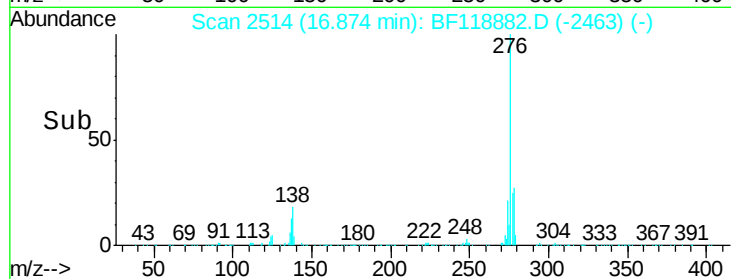
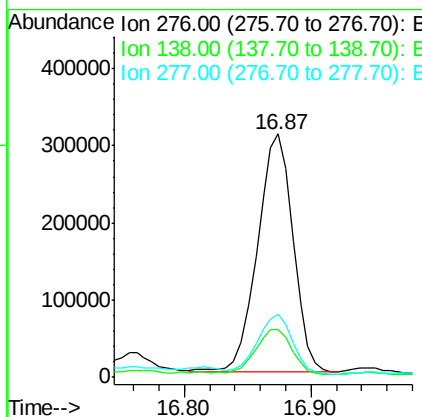
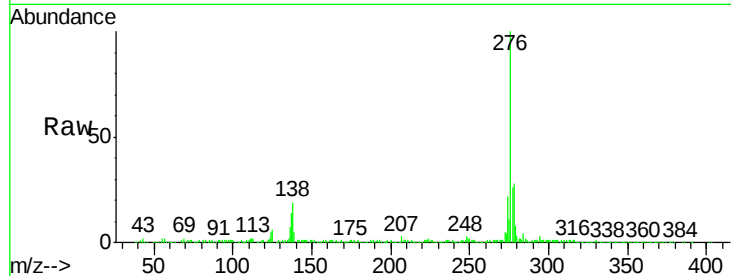
#86
Indeno(1,2,3-cd)pyrene
Concen: 21.721 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.3	27.5
277	25.0	20.2	30.4

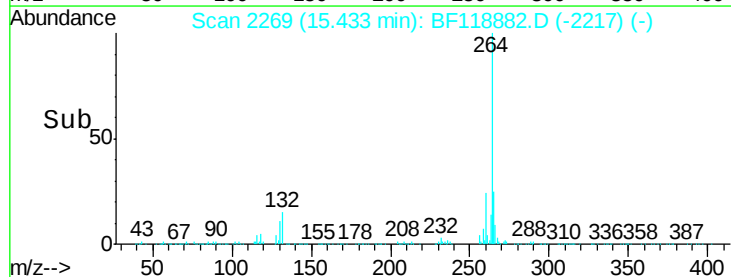
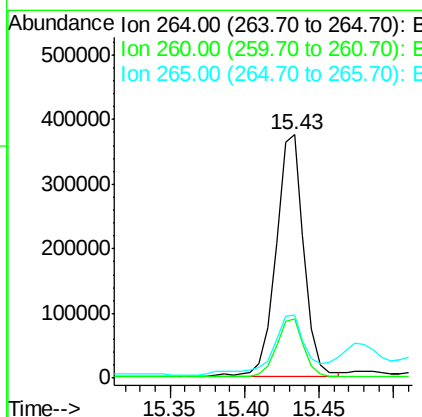
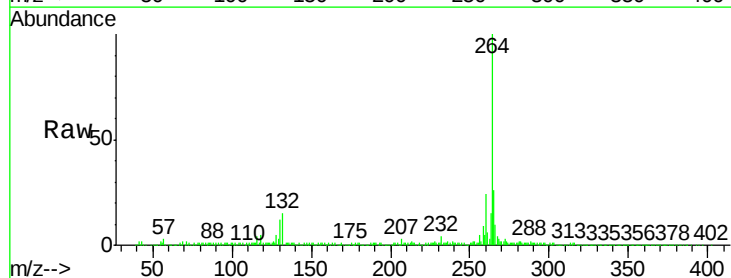
Manual Integrations
APPROVED

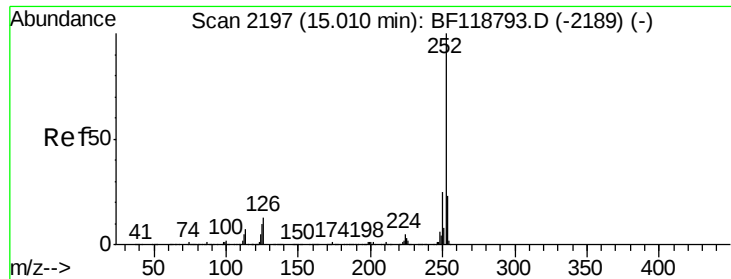
mohammad
2/13/2020 10:29:01 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	26.1	17.2	25.8#





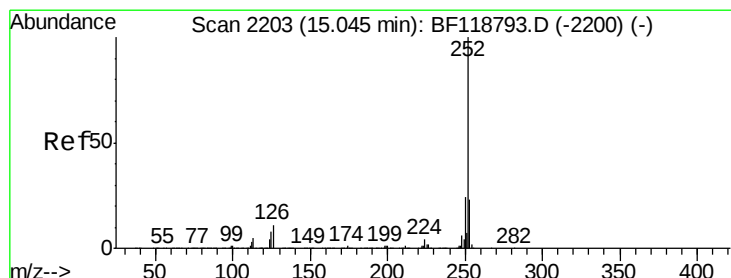
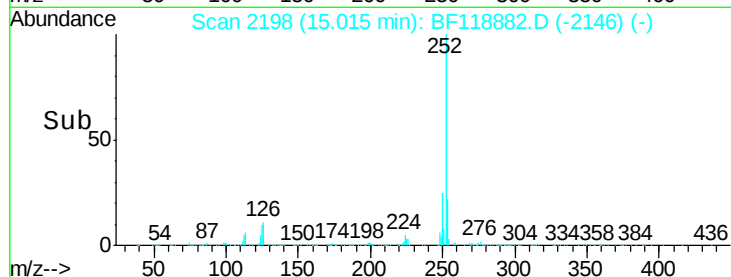
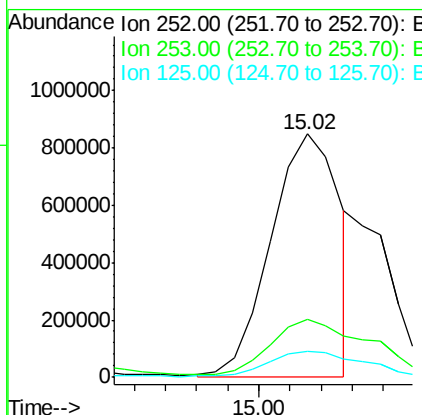
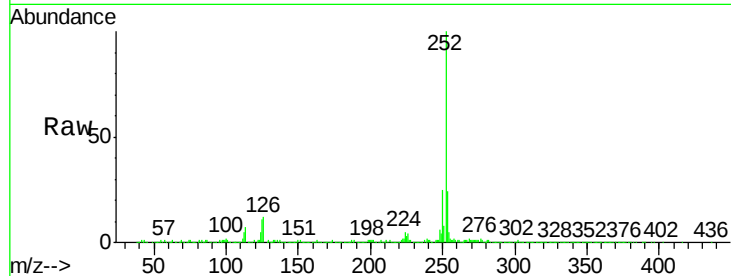
#88
Benzo(b)fluoranthene
Concen: 43.291 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	10.8	8.1	12.1

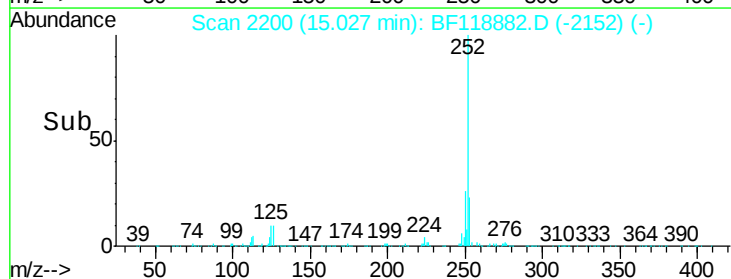
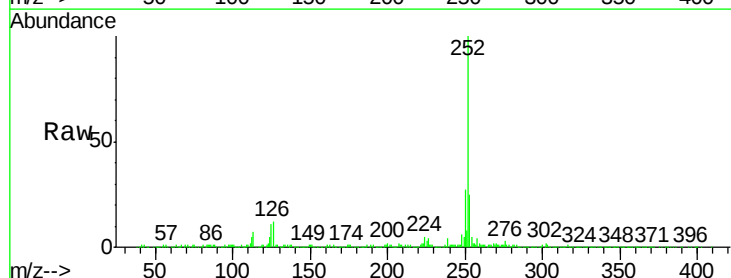
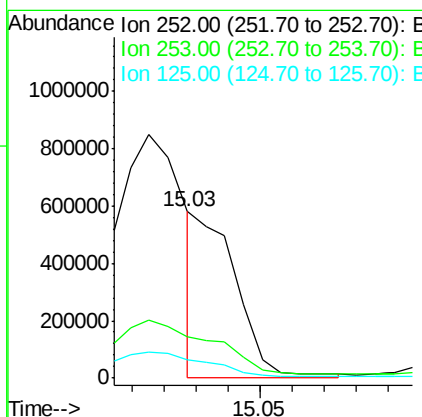
Manual Integrations
APPROVED

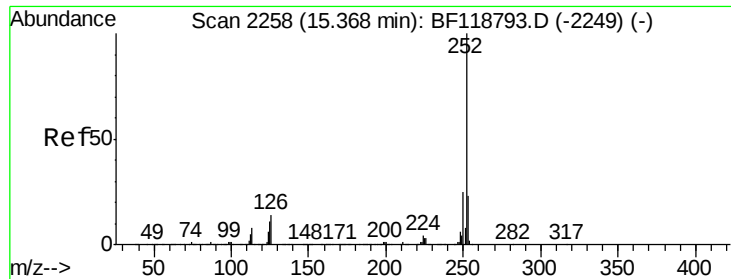
mohammad
2/13/2020 10:29:01 AM



#89
Benzo(k)fluoranthene
Concen: 18.870 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	10.8	7.0	10.6#





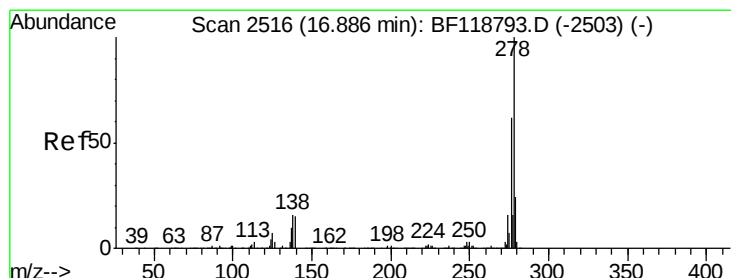
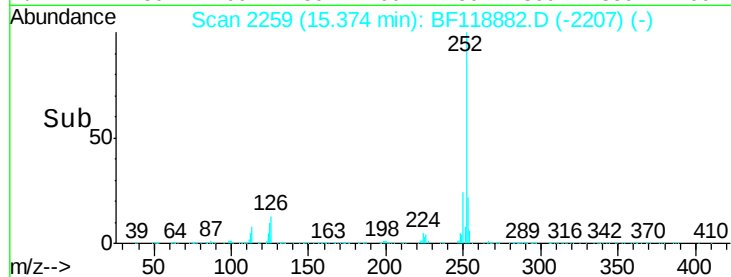
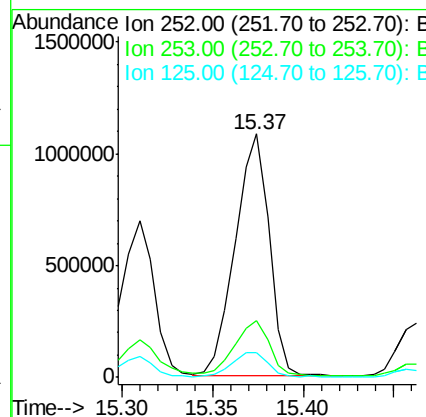
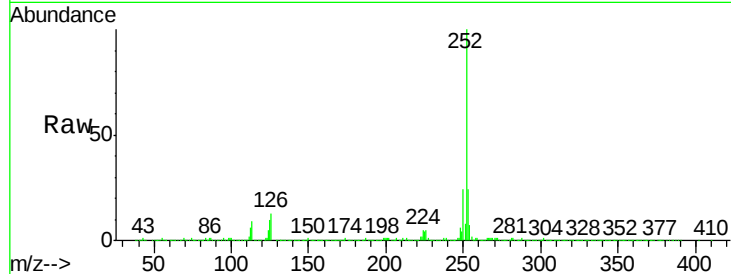
#90
Benzo(a)pyrene
Concen: 54.018 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.2	8.7	13.1

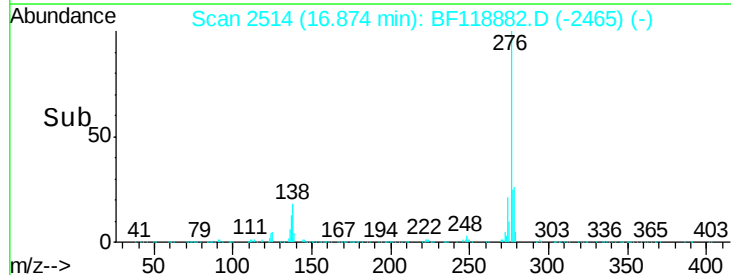
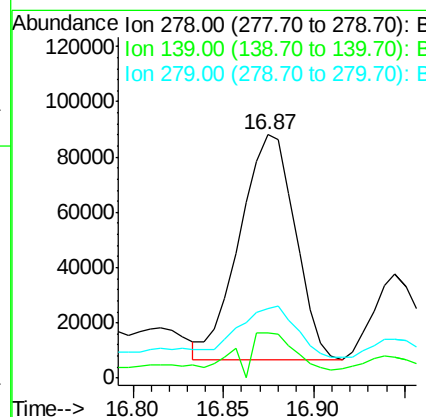
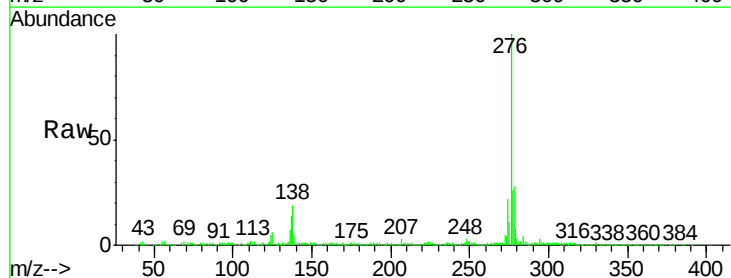
Manual Integrations
APPROVED

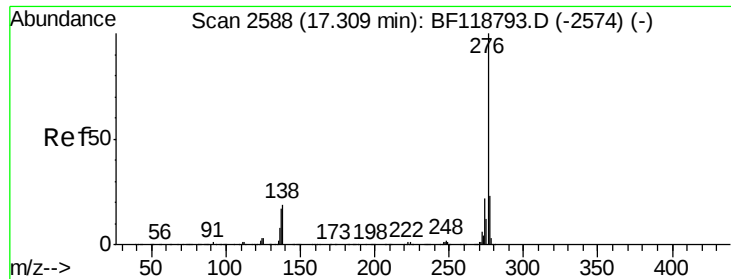
mohammad
2/13/2020 10:29:01 AM



#91
Dibenzo(a,h)anthracene
Concen: 7.559 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.3	18.5#
279	28.3	19.1	28.7





#92
 Benzo(a,h,i)perylene
 Concen: 29.811 ng
 RT: 17.31 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Tot Ion:	276	Resp:	660249
Ion Ratio		Lower	Upper
276	100		
277	24.8	18.7	28.1
138	20.3	15.4	23.2

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:01 AM

