

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119622.D
 Acq On : 28 Mar 2020 17:43
 Operator : CG/JU
 Sample : L2029-05
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1F-(0-2)

Manual Integrations
 APPROVED

mohammad
 4/2/2020 9:15:04 AM

Quant Time: Mar 30 06:05:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	302002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1123417	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	519188	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	806856	20.00	ng	0.00
76) Chrysene-d12	14.00	240	602143	20.00	ng	-0.01
87) Perylene-d12	15.47	264	524656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1797519	94.75	ng	0.01
7) Phenol-d6	6.46	99	2353960	97.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	1414528	68.43	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	410479	76.64	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2551121	72.79	ng	0.00
79) Terphenyl-d14	12.95	244	1892668	61.58	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	212315	5.757	ng	100
71) Phenanthrene	11.39	178	230799	5.517	ng	97
75) Fluoranthene	12.57	202	215279	4.755	ng	98
78) Pyrene	12.80	202	188718	3.819	ng	95
81) Benzo(a)anthracene	13.99	228	84945	2.169	ng	95
88) Benzo(b)fluoranthene	15.04	252	83027m	2.369	ng	

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

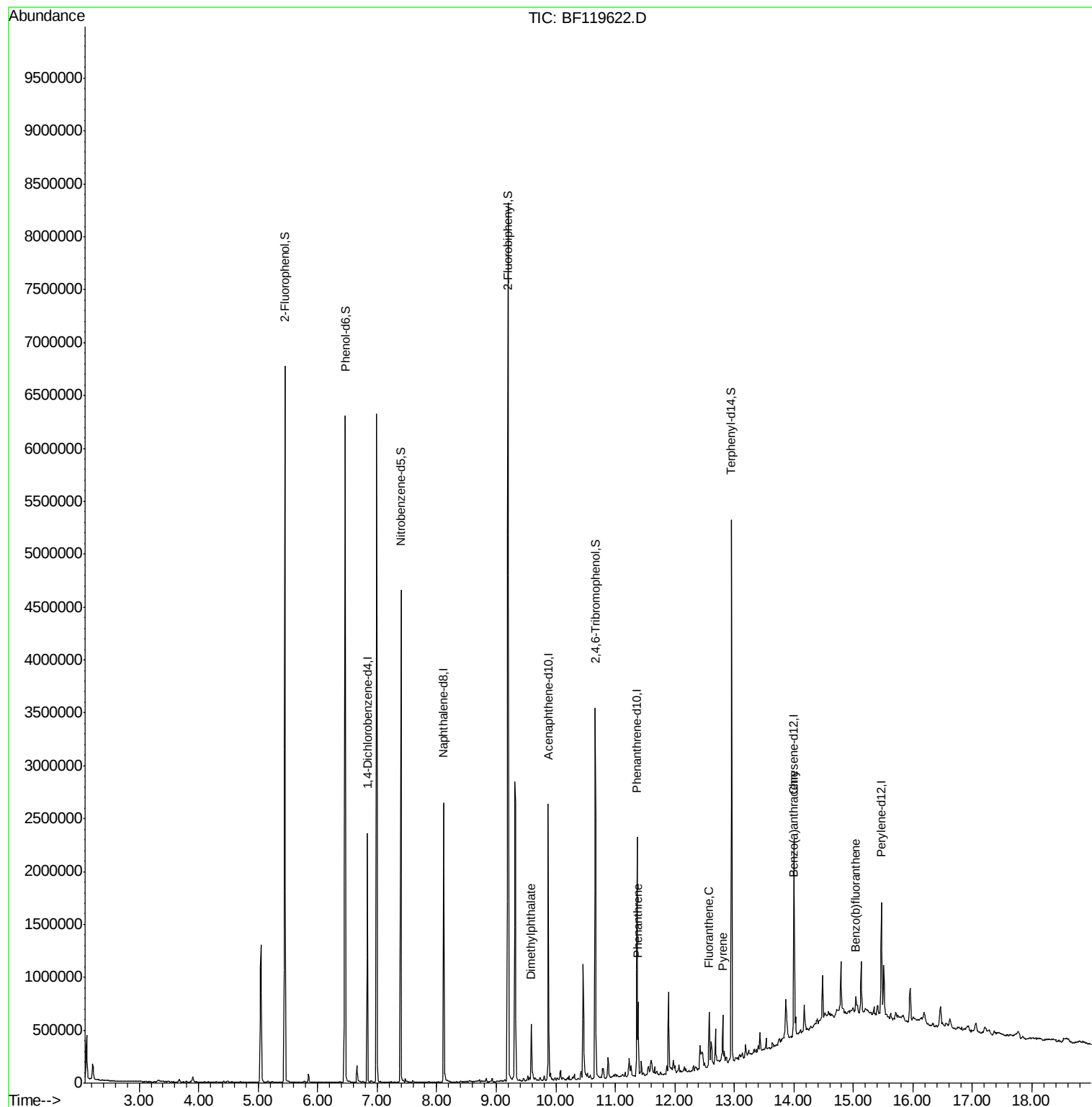
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119622.D
Acq On : 28 Mar 2020 17:43
Operator : CG/JU
Sample : L2029-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

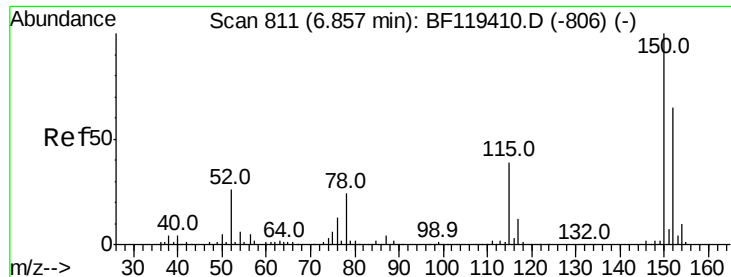
Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM

Quant Time: Mar 30 06:05:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration





#1

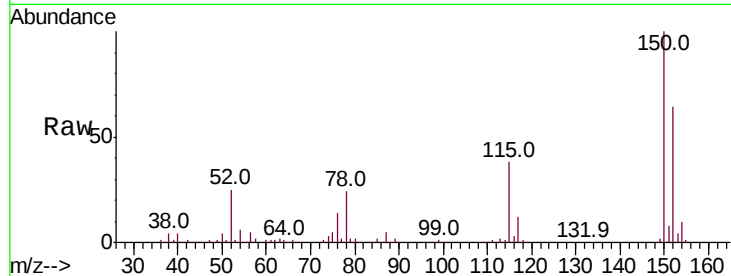
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.5	186.7
115	59.4	49.6	74.4

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM

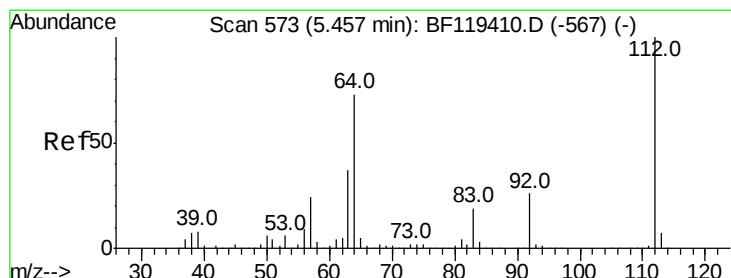
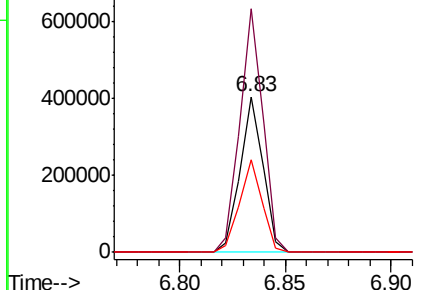
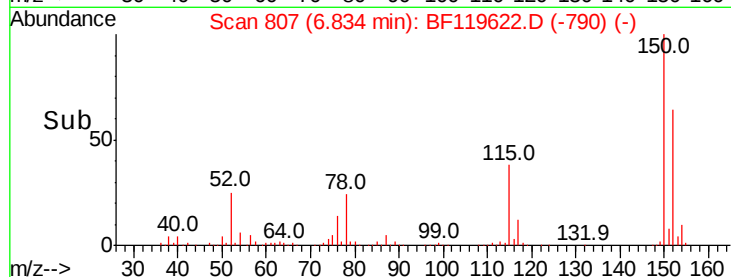


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

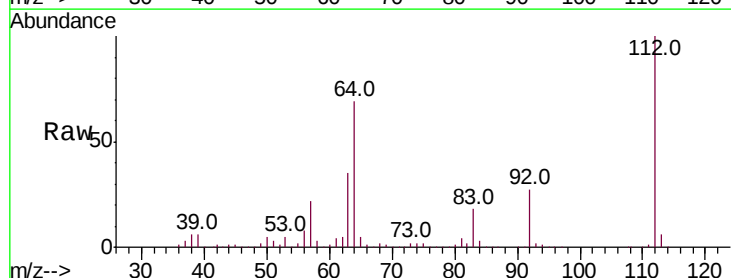
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.750 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.7	85.1
63	35.2	29.5	44.3

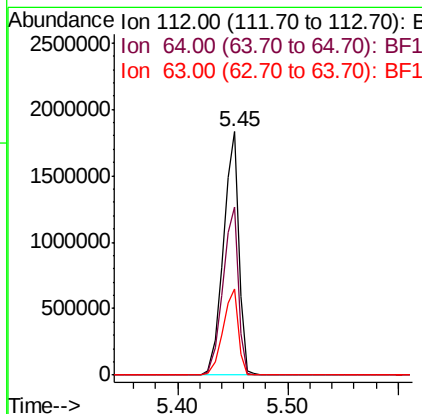
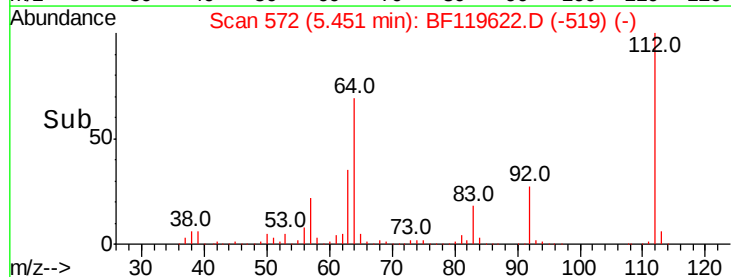


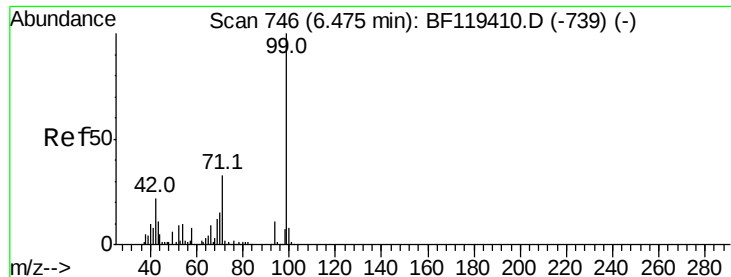
Abundance

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: 97.134 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Instrument :

BNA_F

ClientSampled :

SB-1F-(0-2)

Tot Ion: 99 Resp: 2353960

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

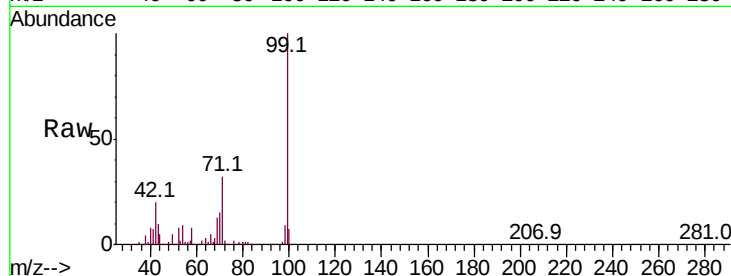
71 32.5 26.4 39.6

Manual Integrations

APPROVED

mohammad

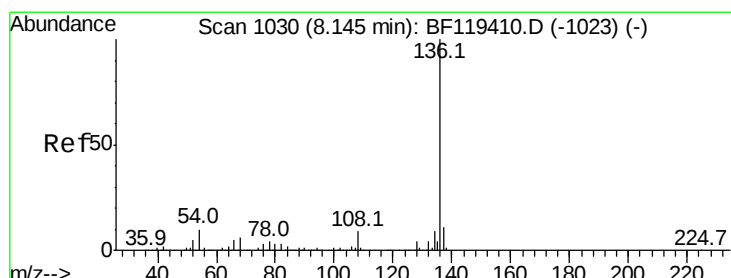
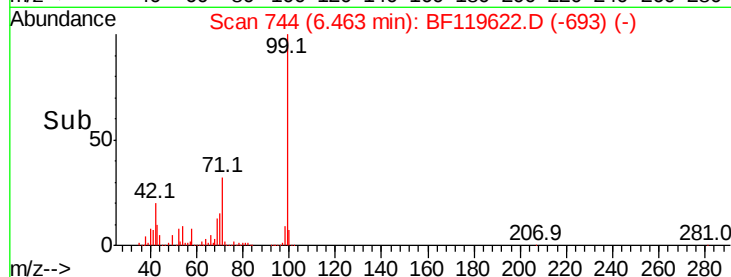
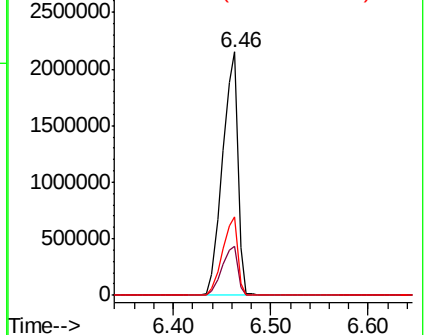
4/2/2020 9:15:04 AM



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119622.D

Acq: 28 Mar 2020 17:43

Tgt Ion: 136 Resp: 1123417

Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.9 9.1 13.7

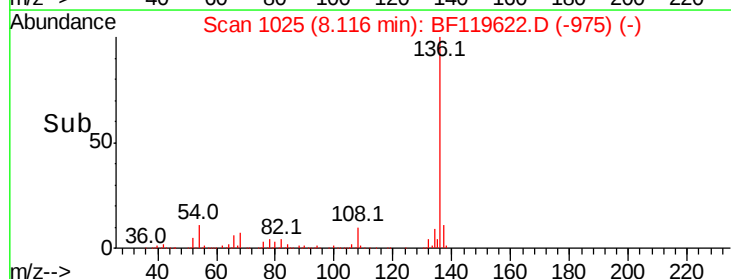
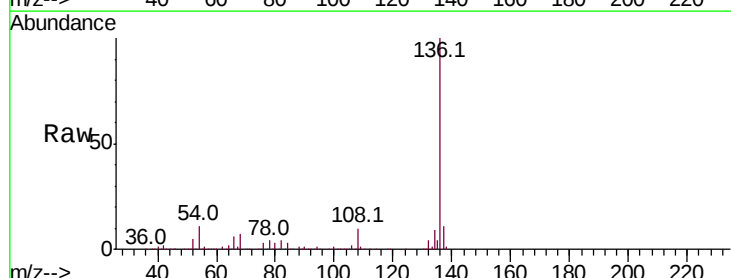
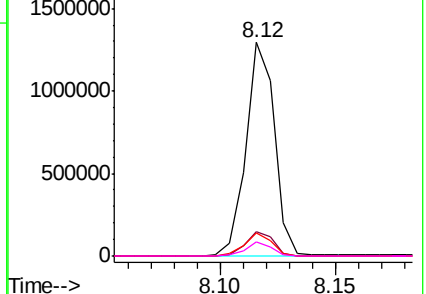
68 6.6 4.6 6.8

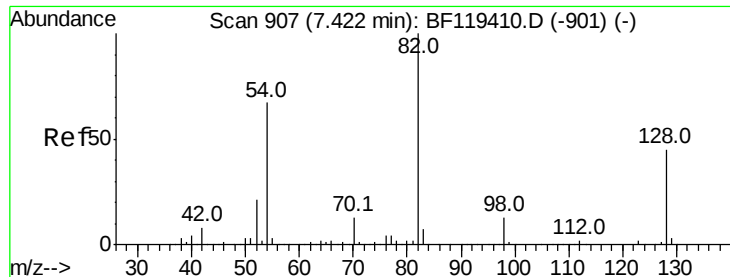
Abundance Ion 136.00 (135.70 to 136.70): E

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





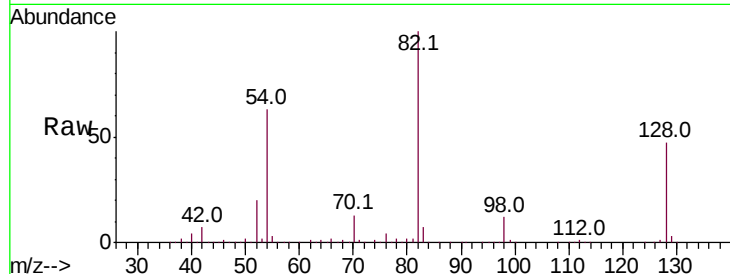
#23
Nitrobenzene-d5
Concen: 68.431 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

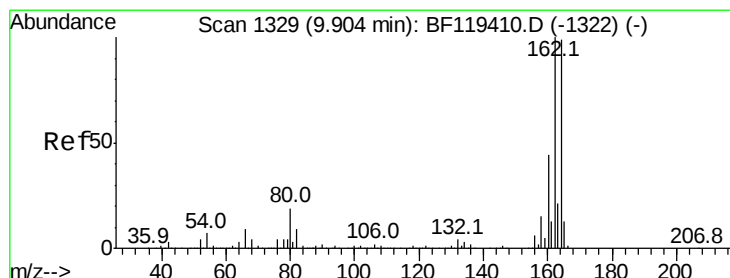
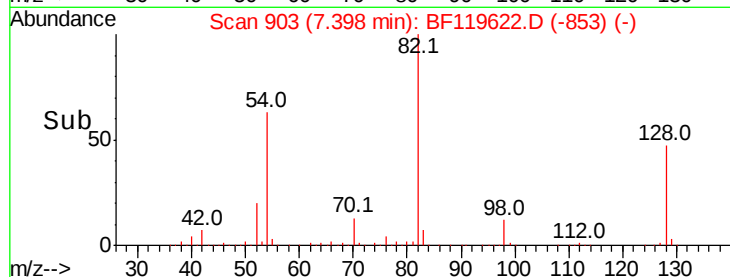
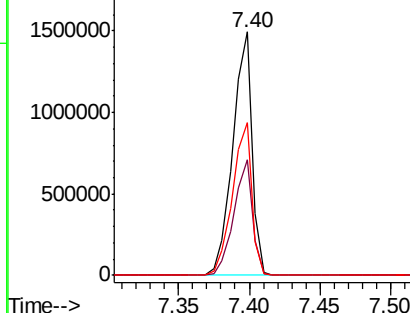
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.3	54.5
54	62.7	50.6	75.8

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM



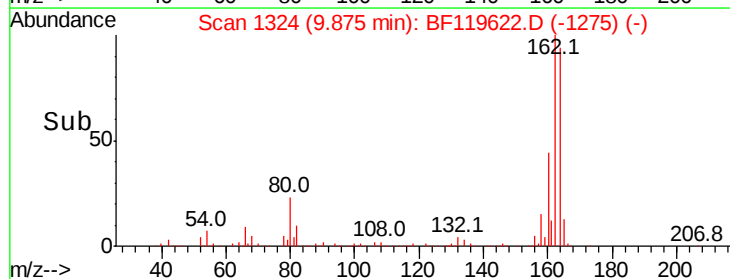
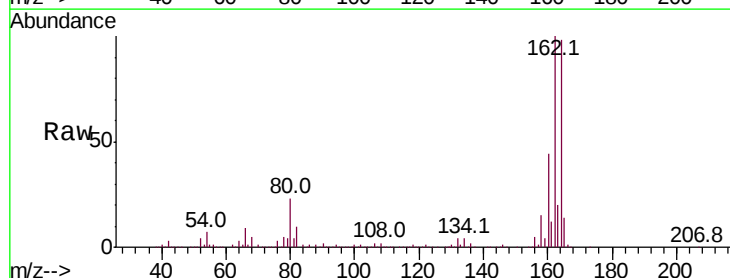
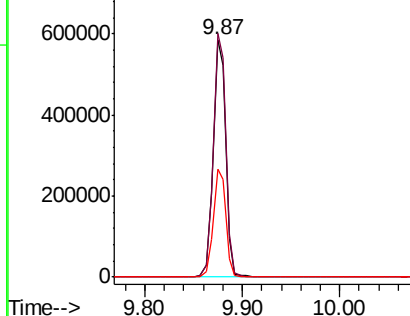
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

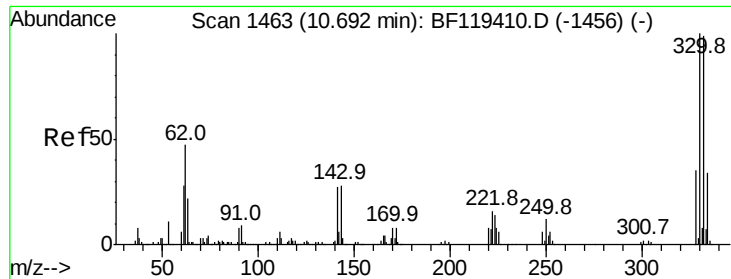


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	45.2	35.7	53.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





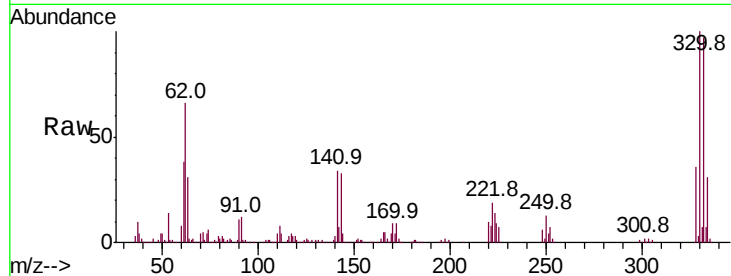
#42
2,4,6-Tribromophenol
Concen: 76.635 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampled :
SB-1F-(0-2)

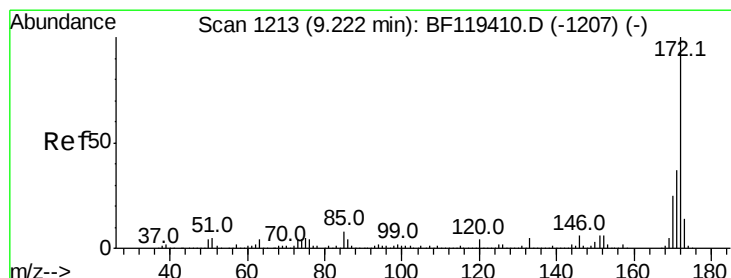
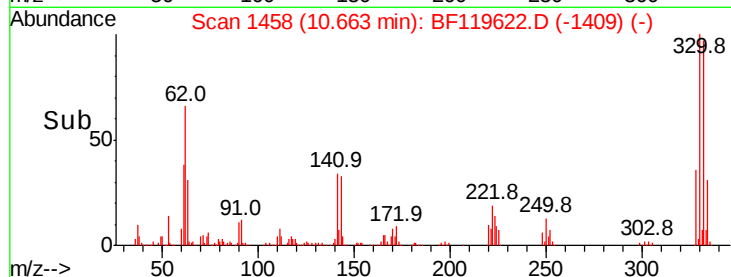
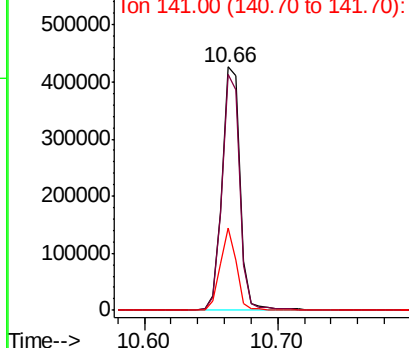
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	31.0	25.4	38.0

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM

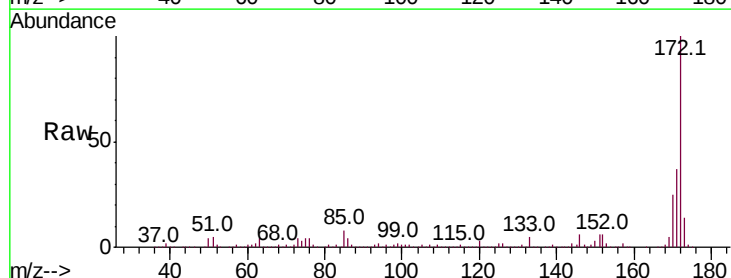


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

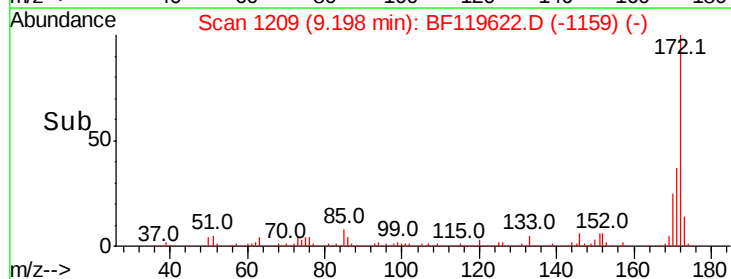
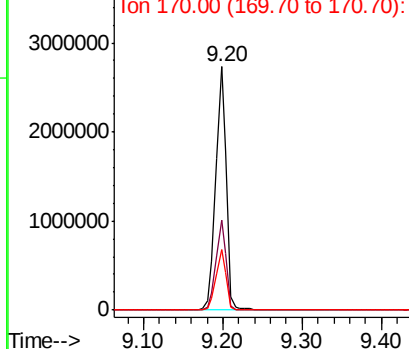


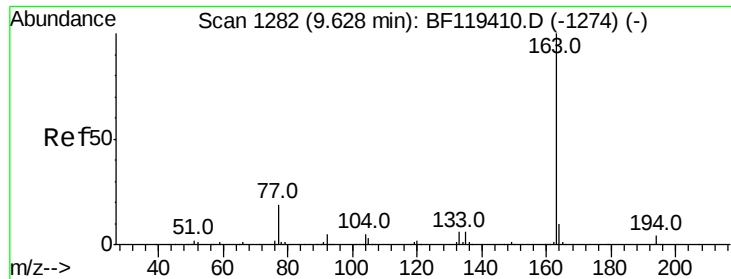
#45
2-Fluorobiphenyl
Concen: 72.795 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.2	30.2



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





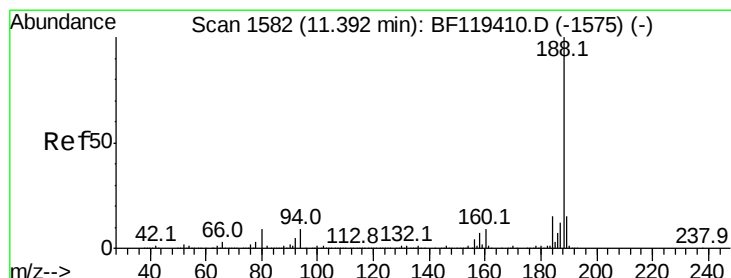
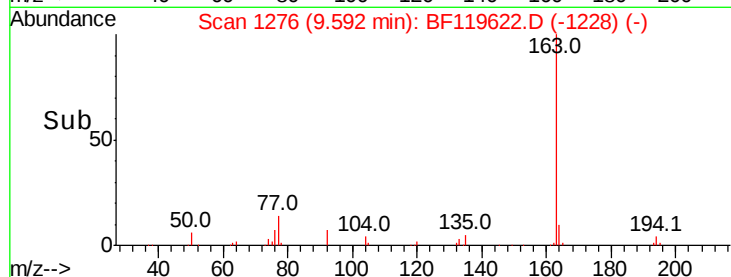
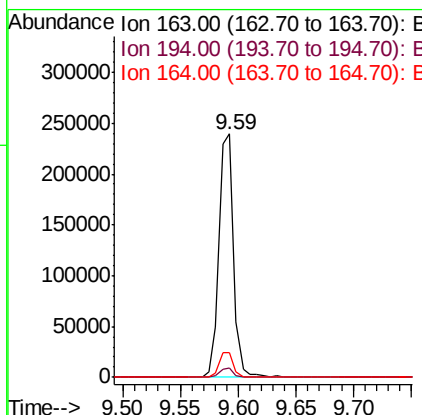
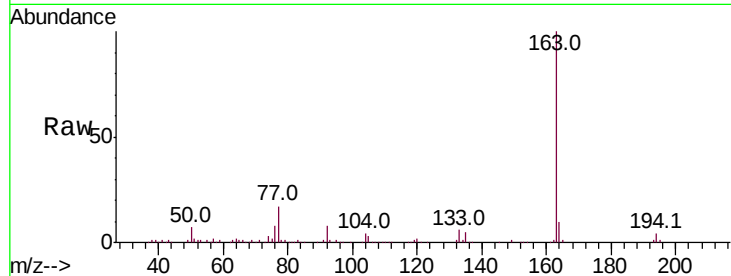
#50
Dimethylphthalate
Concen: 5.757 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	212315		
194	3.9		3.1	4.7
164	10.0		8.2	12.2

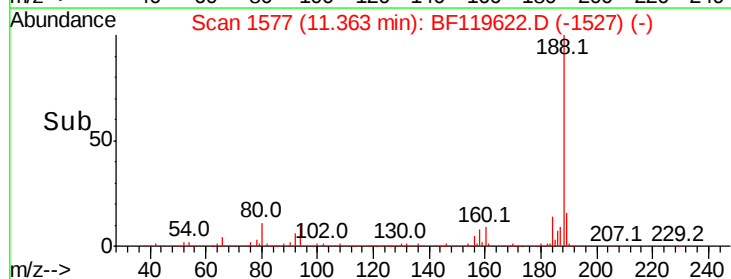
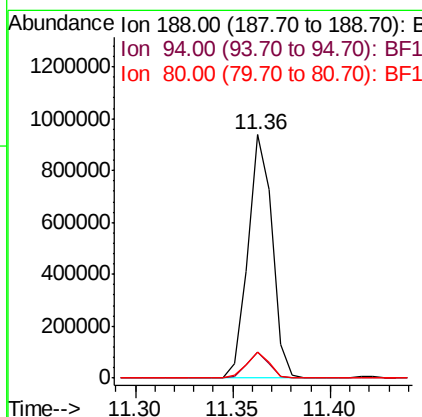
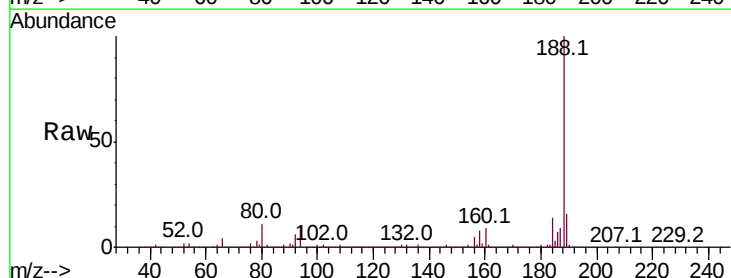
Manual Integrations
APPROVED

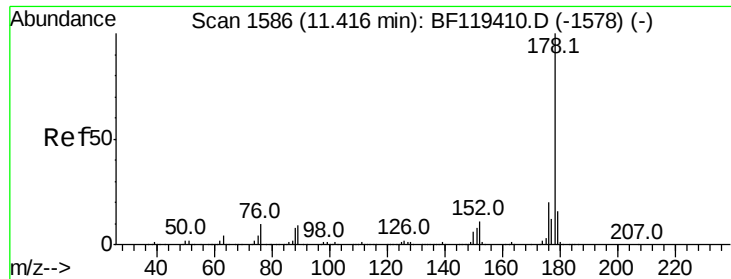
mohammad
4/2/2020 9:15:04 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	806856		
94	10.5		7.5	11.3
80	10.9		9.0	13.4





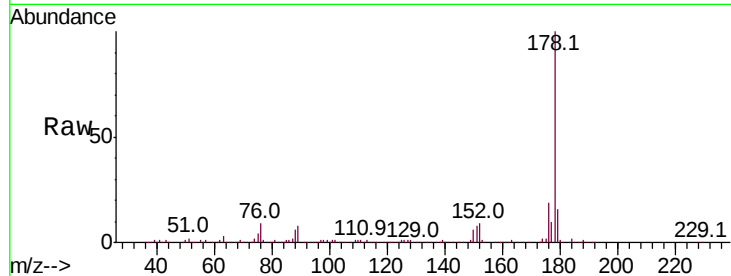
#71
Phenanthrene
Concen: 5.517 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.6	13.2	19.8

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM

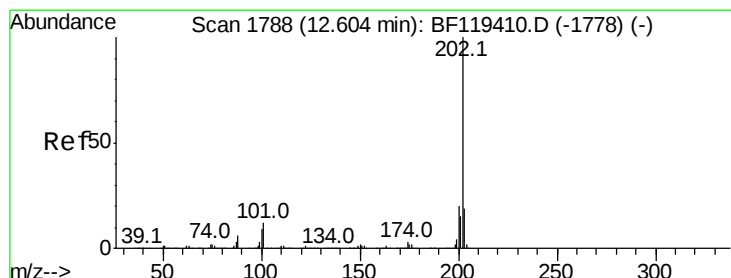
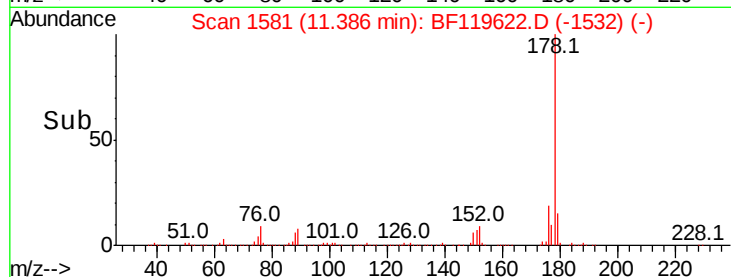
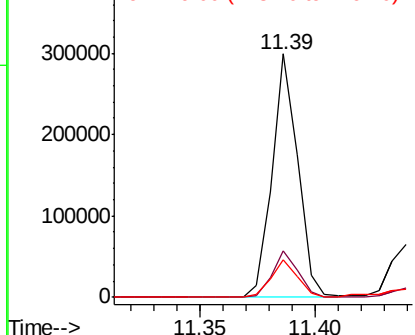


Abundance

Ion 178.00 (177.70 to 178.70): E

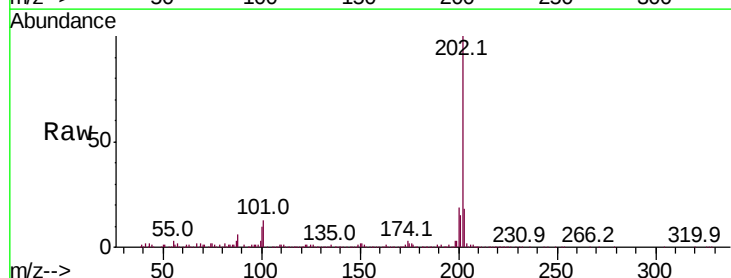
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 4.755 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.2
203	17.8	0.0	38.8

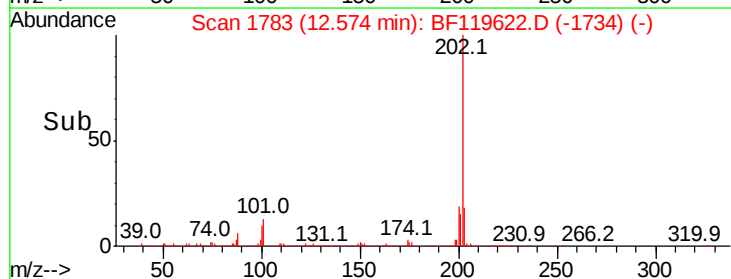
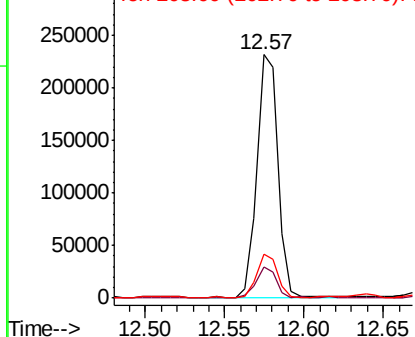


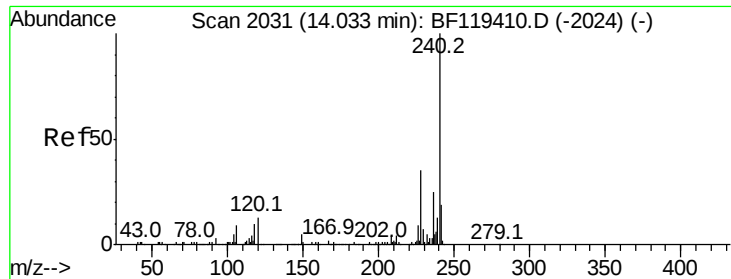
Abundance

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





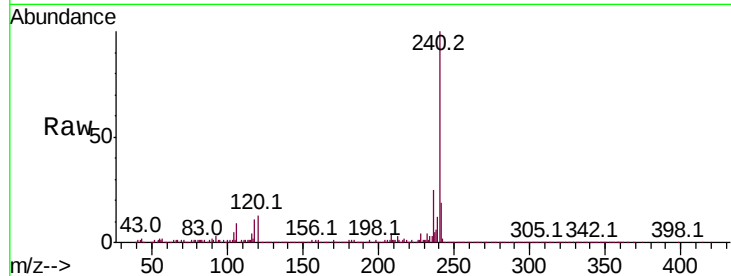
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1F-(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.6	15.8
236	24.6	20.2	30.2

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM

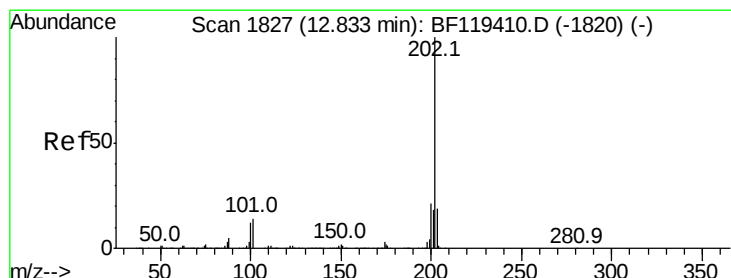
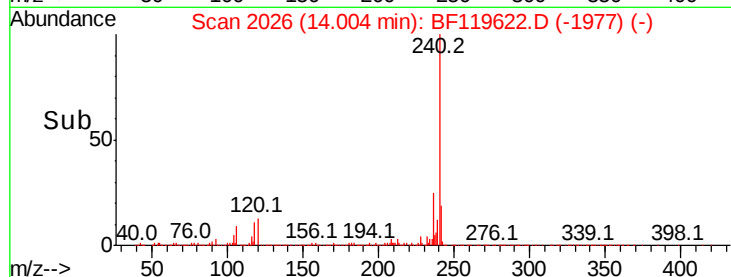
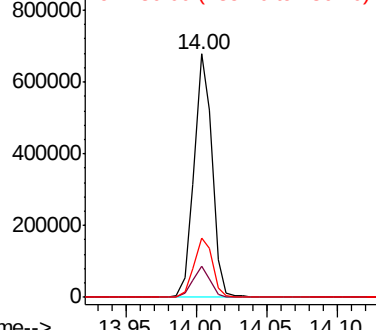


Abundance

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
Pyrene
Concen: 3.819 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

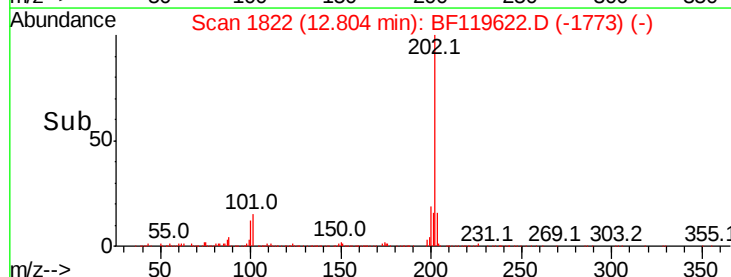
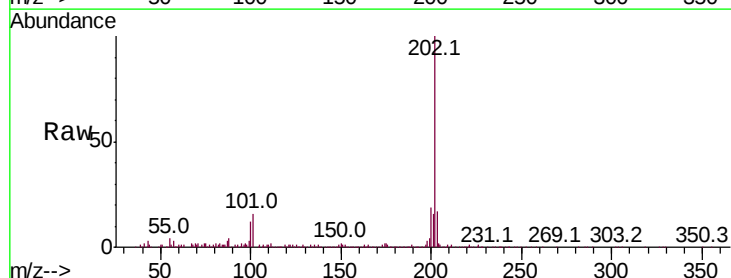
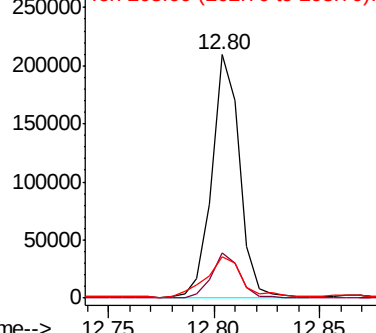
Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.8	25.2
203	16.9	15.1	22.7

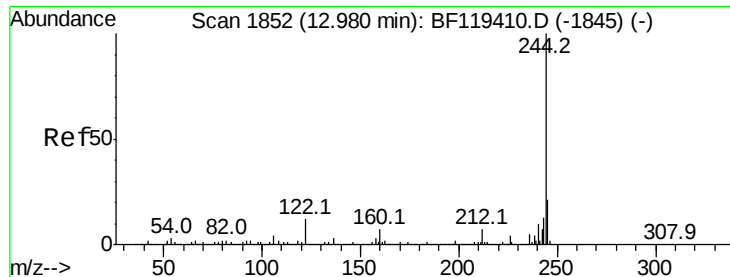
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





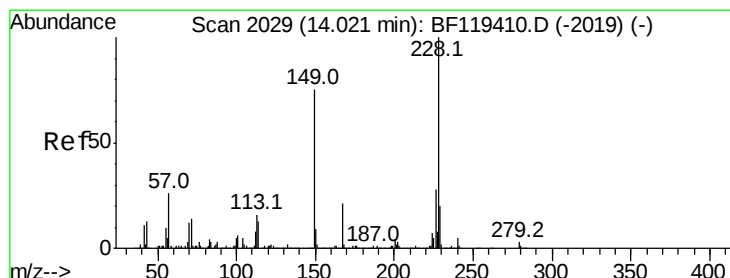
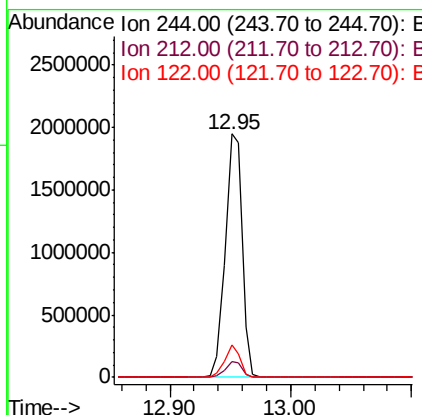
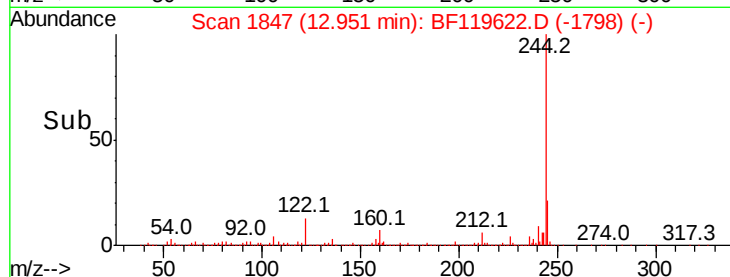
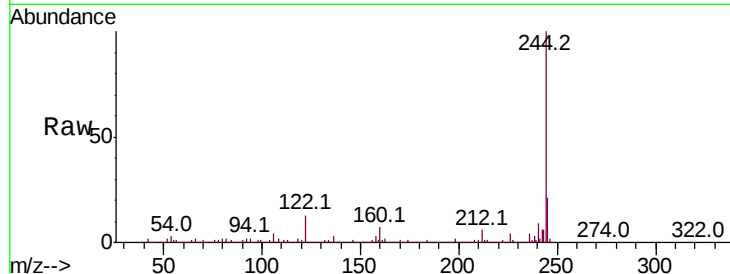
#79
 Terphenyl-d14
 Concen: 61.582 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-1F-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	13.4	10.3	15.5

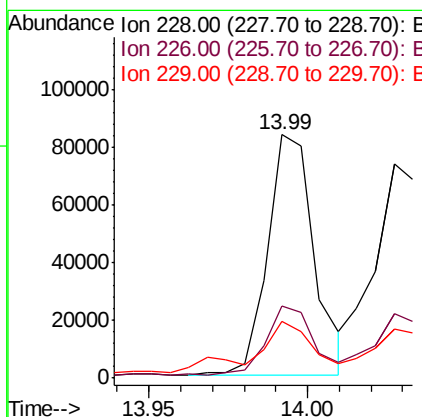
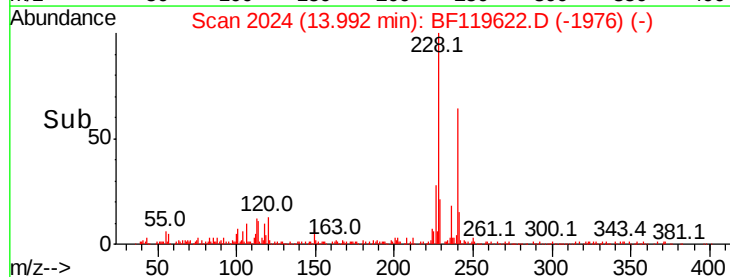
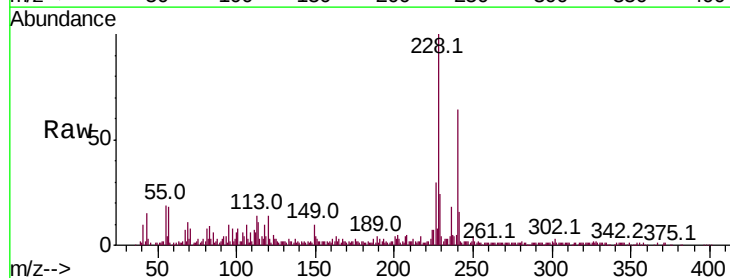
Manual Integrations
 APPROVED

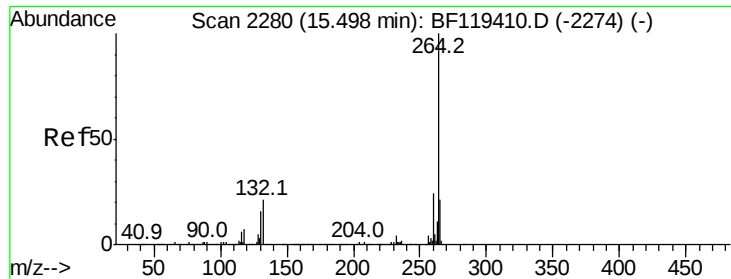
mohammad
 4/2/2020 9:15:04 AM



#81
 Benzo(a)anthracene
 Concen: 2.169 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF119622.D
 Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.8
229	23.5	16.2	24.4





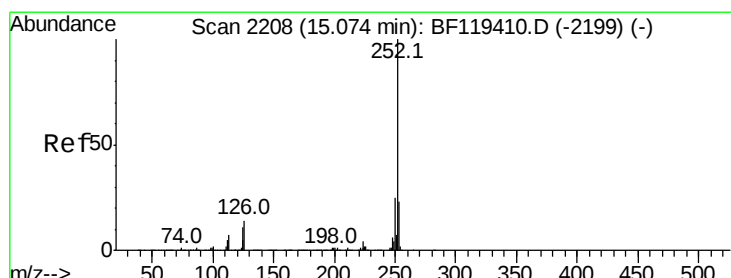
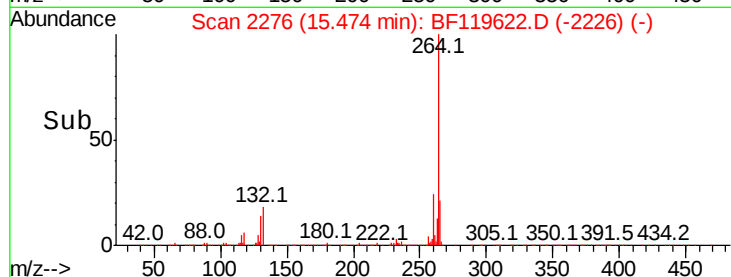
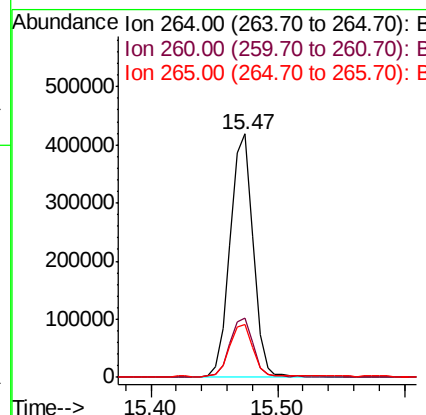
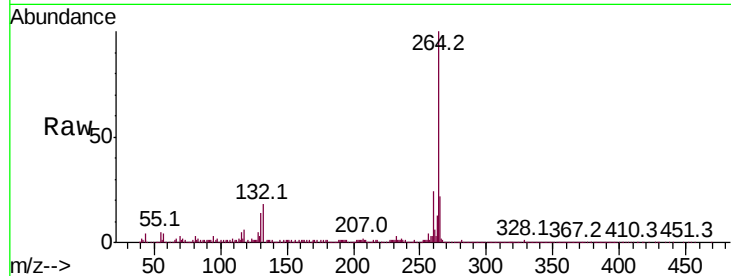
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Instrument :
BNA_F
ClientSampled :
SB-1F-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.7	26.5

Manual Integrations
APPROVED

mohammad
4/2/2020 9:15:04 AM



#88
Benzo(b)fluoranthene
Concen: 2.369 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119622.D
Acq: 28 Mar 2020 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	19.0	7.9	11.9#

