

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118048.D
 Acq On : 27 Nov 2019 18:37
 Operator : JU
 Sample : K5959-10 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B2

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:53:39 AM

Quant Time: Nov 28 08:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128579	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	493450	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	233489	20.00	ng	-0.01
64) Phenanthrene-d10	11.44	188	360470	20.00	ng	0.00
76) Chrysene-d12	14.12	240	243319	20.00	ng	0.03
87) Perylene-d12	15.63	264	300257	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	66201	9.11	ng	0.00
7) Phenol-d6	6.50	99	86126	9.83	ng	-0.02
23) Nitrobenzene-d5	7.44	82	49505	5.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	19033	7.70	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	98585	7.57	ng	-0.02
79) Terphenyl-d14	13.03	244	101815	7.65	ng	0.00

Target Compounds				Qvalue		
20) 3+4-Methylphenols	7.29	107	20650	2.492	ng	89
31) Naphthalene	8.20	128	1279280	55.611	ng	98
37) 2-Methylnaphthalene	8.89	142	480670	30.925	ng	99
38) 1-Methylnaphthalene	8.99	142	382550	26.034	ng	100
46) 1,1'-Biphenyl	9.35	154	156794	9.051	ng	97
49) Acenaphthylene	9.80	152	697276	33.561	ng	98
52) Acenaphthene	9.97	154	791963	59.504	ng	98
55) Dibenzofuran	10.15	168	995144	53.995	ng	98
58) Fluorene	10.49	166	884875	61.957	ng	99
71) Phenanthrene	11.49	178	8590445	474.001	ng	94
72) Anthracene	11.53	178	2516607	140.055	ng	99
73) Carbazole	11.67	167	810938	51.645	ng	99
75) Fluoranthene	12.69	202	10113815	726.839	ng	93
78) Pyrene	12.93	202	9214754	468.612	ng	93
81) Benzo(a)anthracene	14.10	228	5936850	369.233	ng	# 92
83) Chrysene	14.15	228	5011682m	321.664	ng	
86) Indeno(1,2,3-cd)pyrene	17.18	276	2009431	151.535	ng	# 93
88) Benzo(b)fluoranthene	15.20	252	6911587m	354.299	ng	
89) Benzo(k)fluoranthene	15.22	252	1559249m	84.830	ng	
90) Benzo(a)pyrene	15.59	252	4386260	255.699	ng	96
91) Dibenzo(a,h)anthracene	17.18	278	645007	43.685	ng	97
92) Benzo(g,h,i)perylene	17.64	276	1783767	121.294	ng	98

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

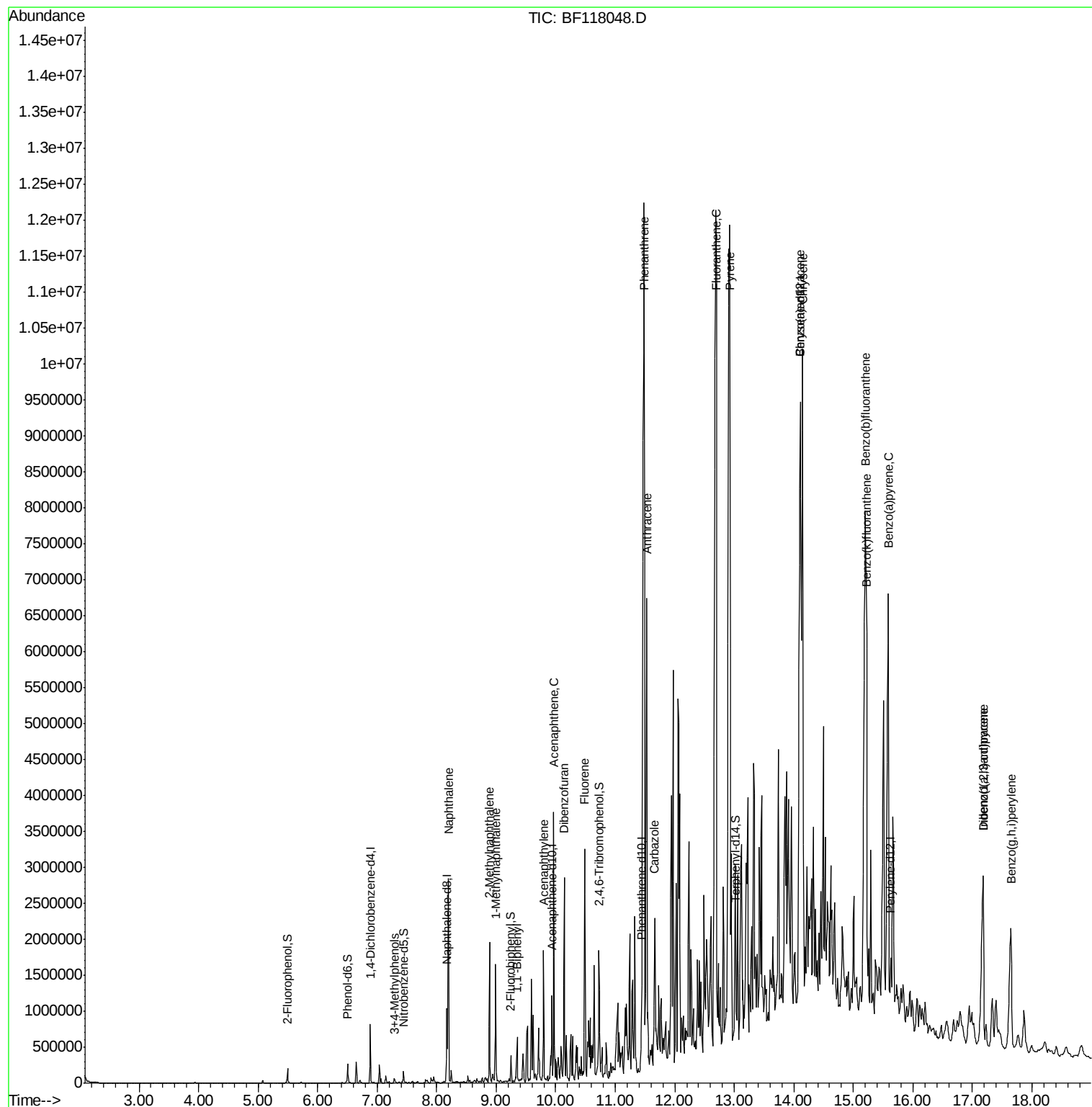
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118048.D
Acq On : 27 Nov 2019 18:37
Operator : JU
Sample : K5959-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

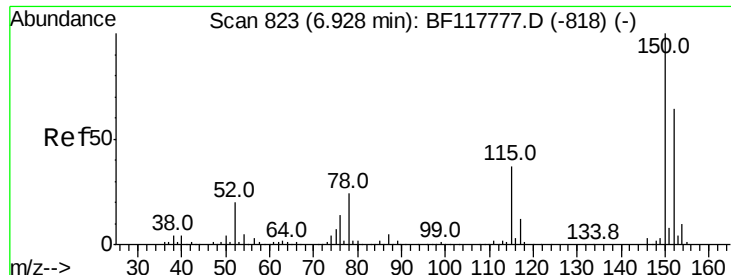
Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM

Quant Time: Nov 28 08:33:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration





#1

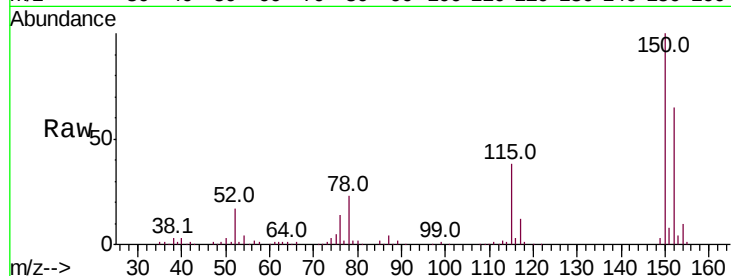
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.3	187.9
115	57.6	47.0	70.4

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM

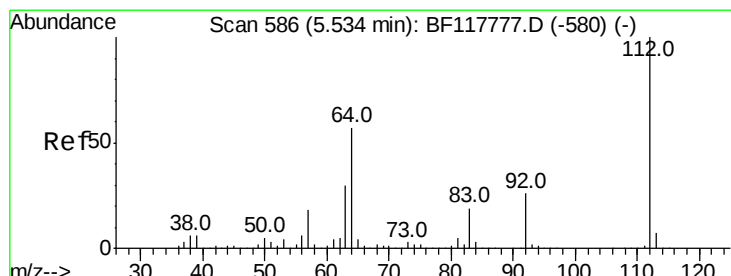
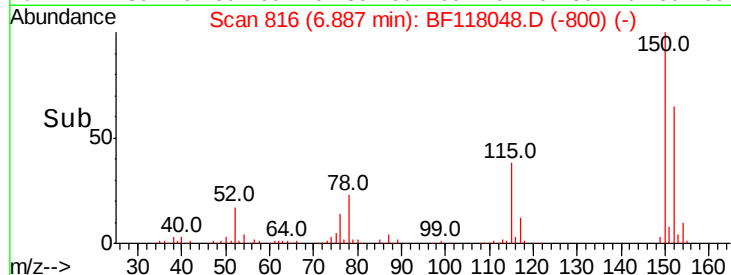
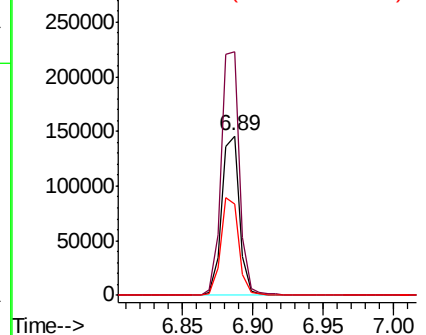


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

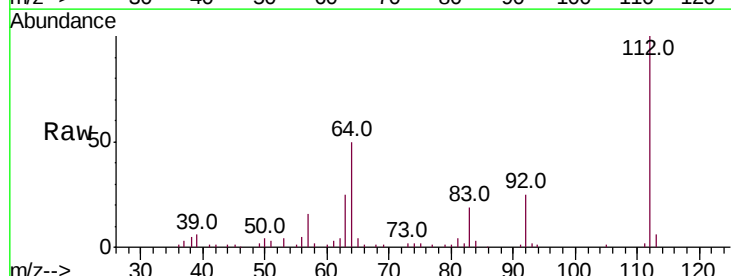
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 9.114 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	45.6	68.4
63	25.1	24.1	36.1

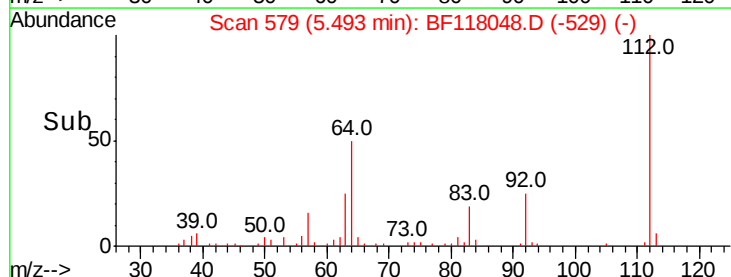
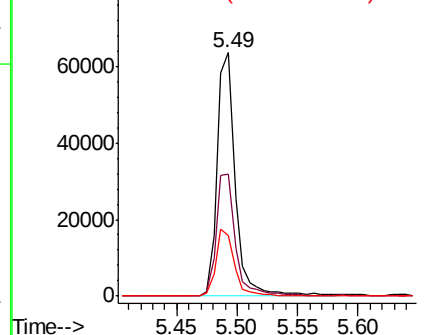


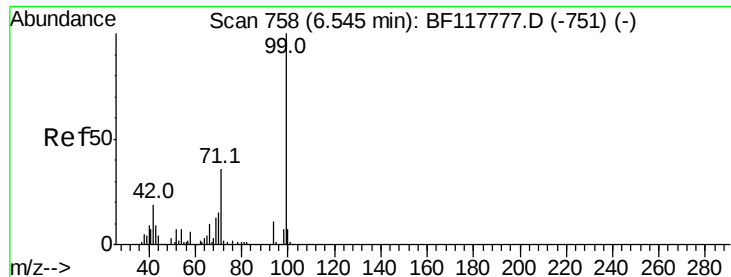
Abundance

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: 9.830 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Instrument :

BNA_F

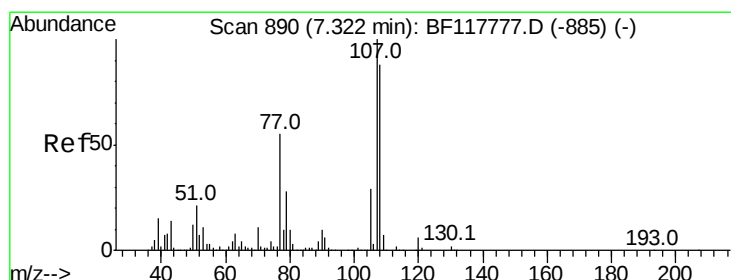
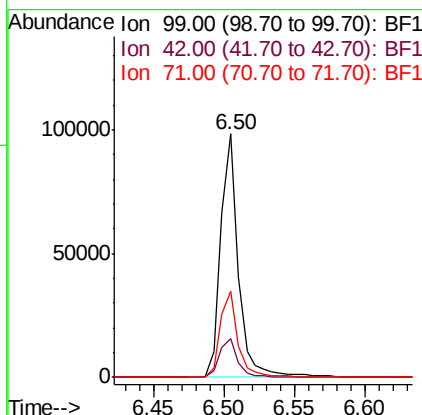
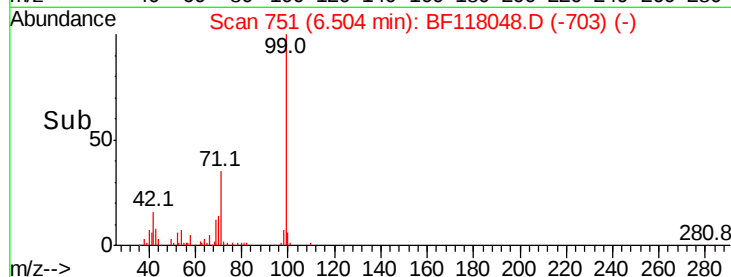
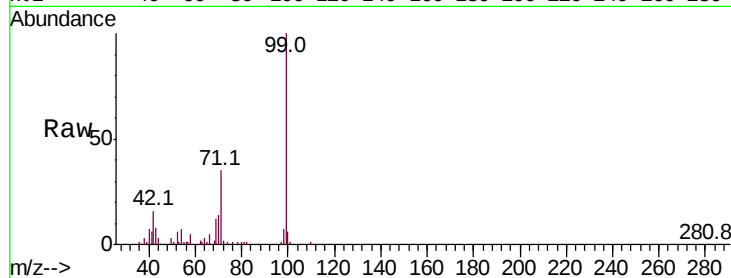
ClientSampleId :

WS-112019-0-2-COMP-B2

Tot Ion:	99	Resp:	86126
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.9	22.3
71	35.4	28.6	43.0

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM



#20

3+4-Methylphenols

Concen: 2.492 ng

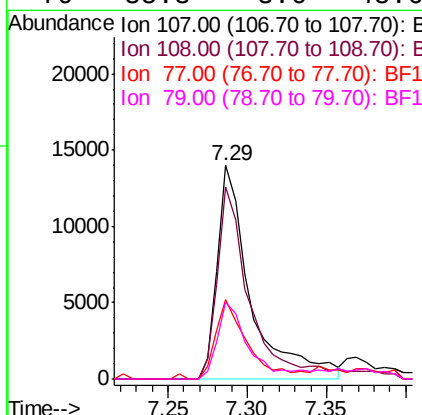
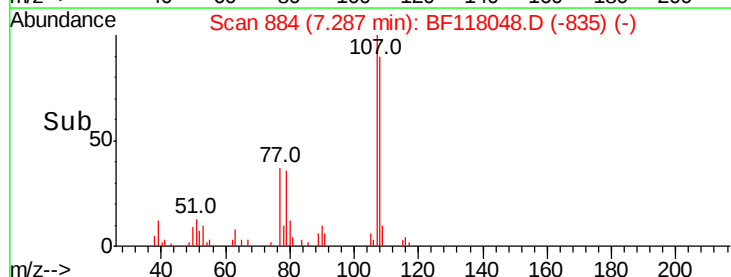
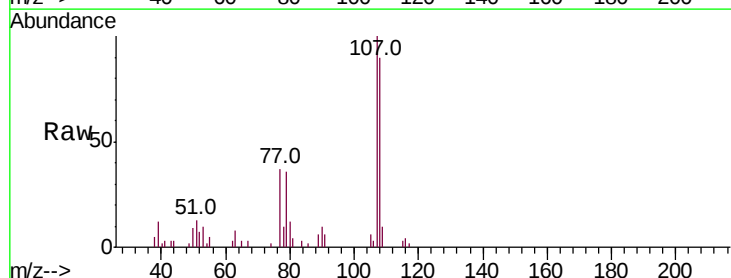
RT: 7.29 min Scan# 884

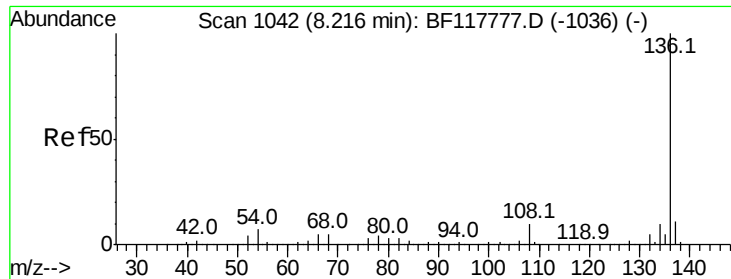
Delta R.T. -0.01 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Tgt Ion:	107	Resp:	20650
Ion Ratio	Lower	Upper	
107	100		
108	89.9	68.4	108.4
77	37.1	35.2	75.2
79	35.8	8.6	48.6





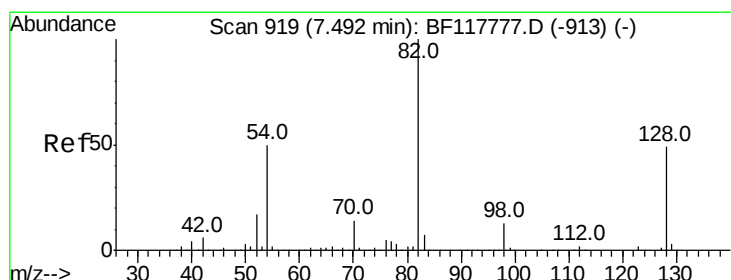
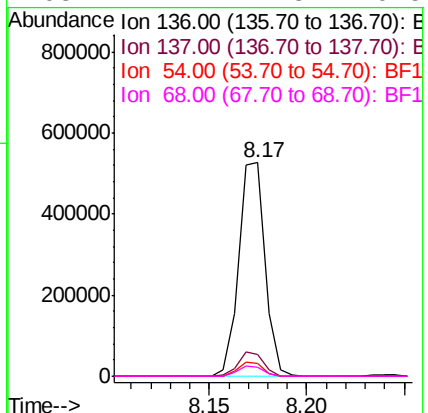
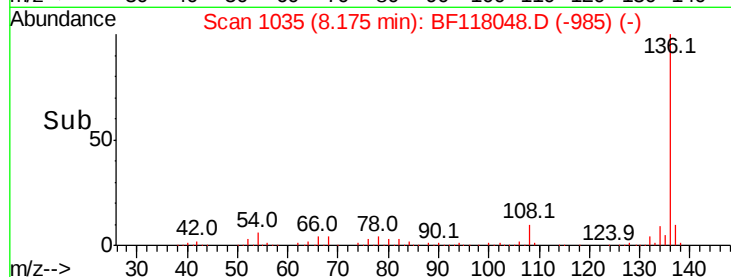
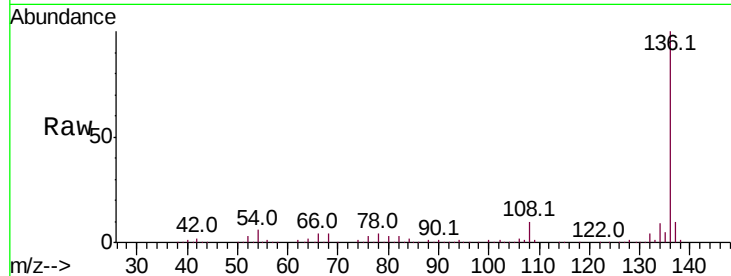
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.0	13.4	
54	5.9	5.4	8.2	
68	4.4	4.3	6.5	

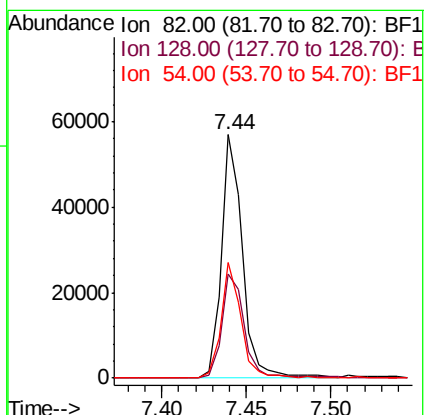
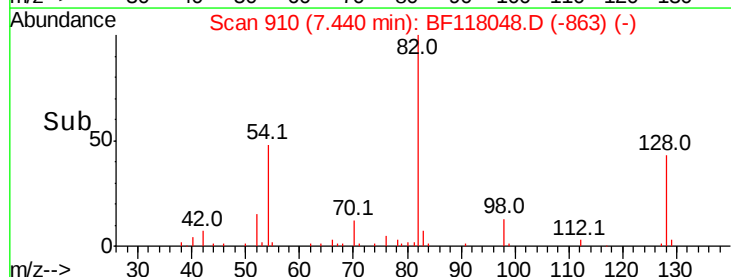
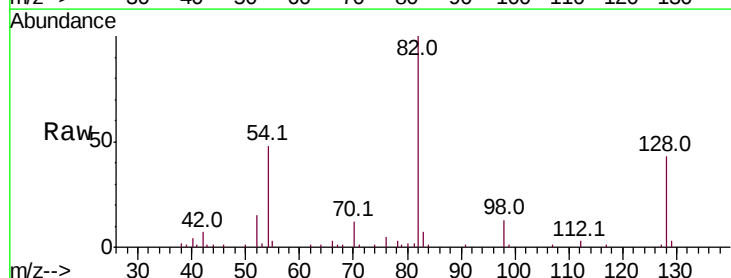
Manual Integrations
APPROVED

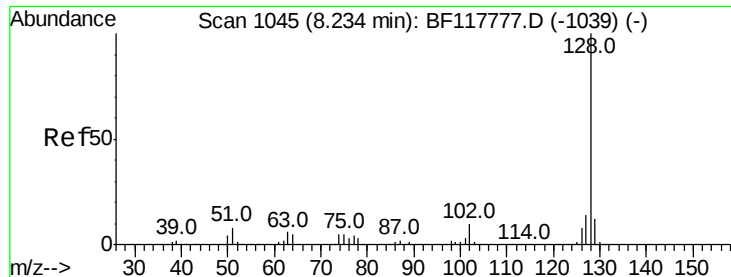
mohammad
11/29/2019 8:53:39 AM



#23
Nitrobenzene-d5
Concen: 5.964 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.7	38.9	58.3	
54	47.7	39.8	59.6	





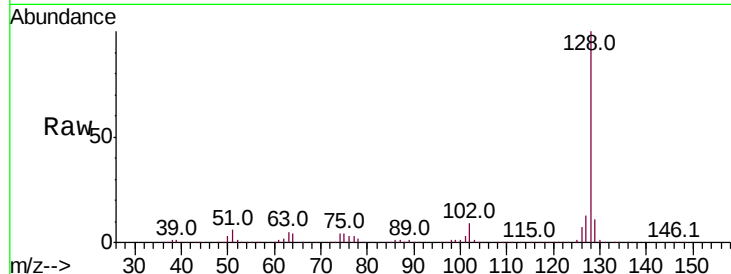
#31
Naphthalene
Concen: 55.611 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.3	11.3	16.9

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM

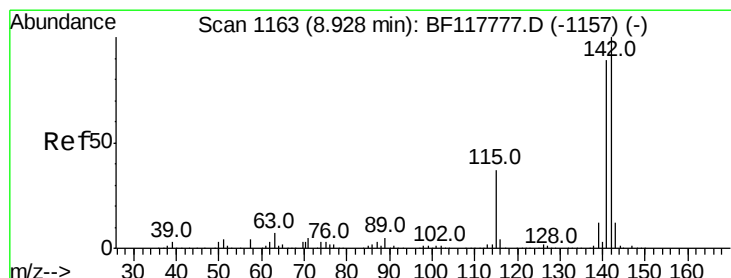
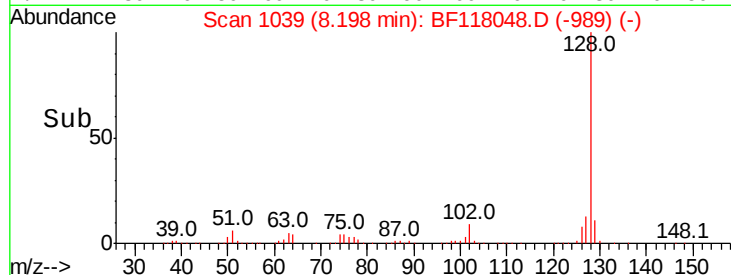
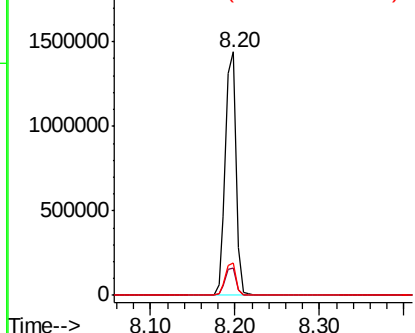


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 30.925 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

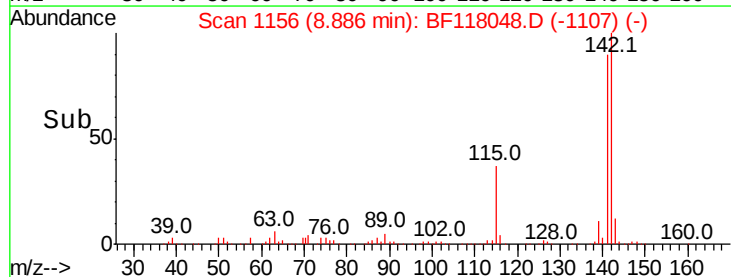
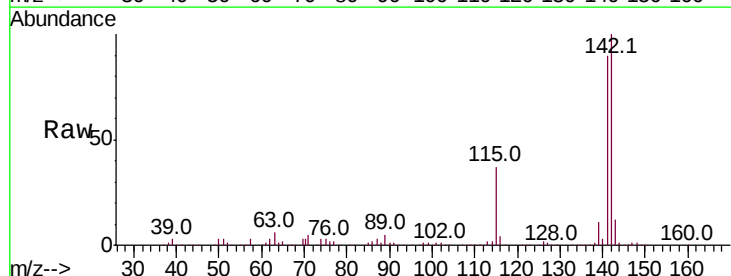
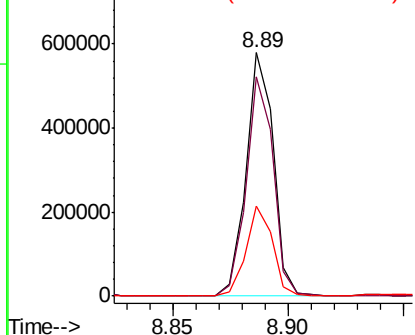
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	36.8	29.2	43.8

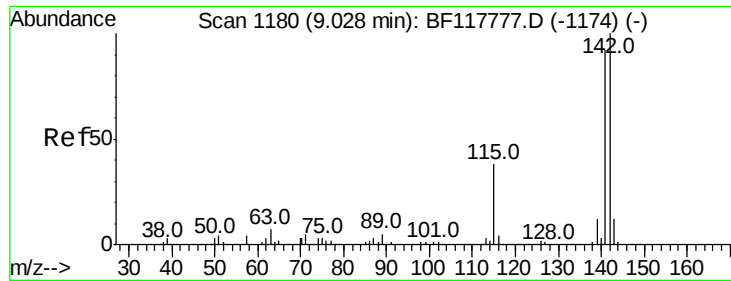
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





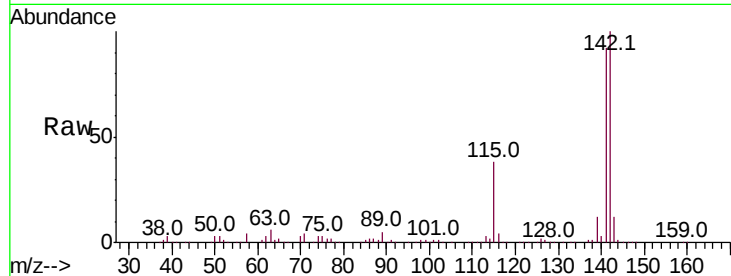
#38
1-Methylnaphthalene
Concen: 26.034 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.2	3.2	4.8

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM

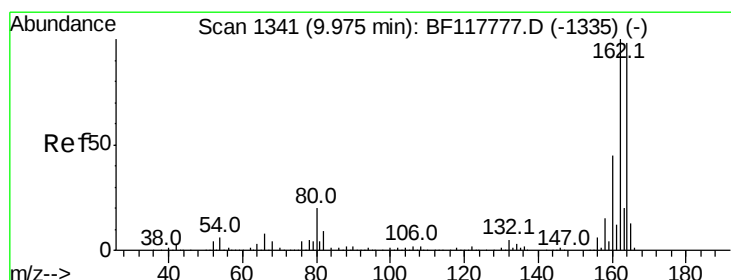
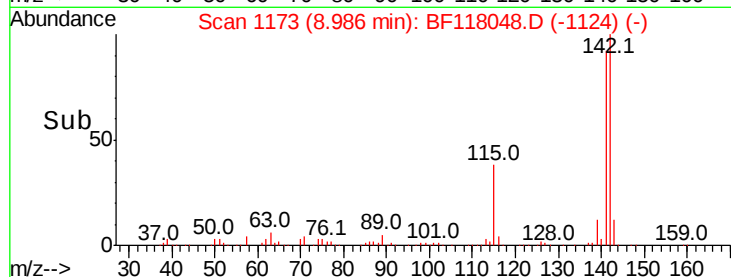
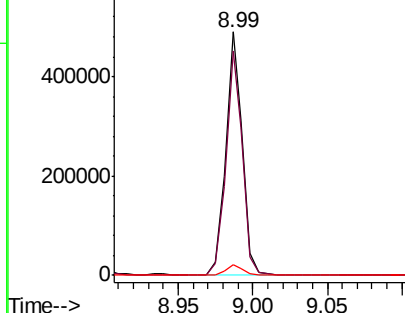


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

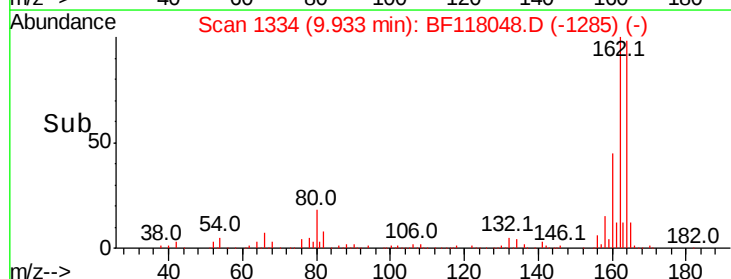
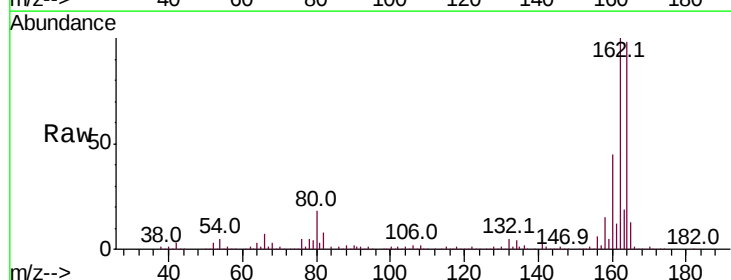
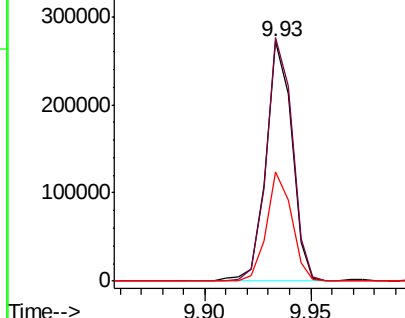
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.6	36.6	55.0

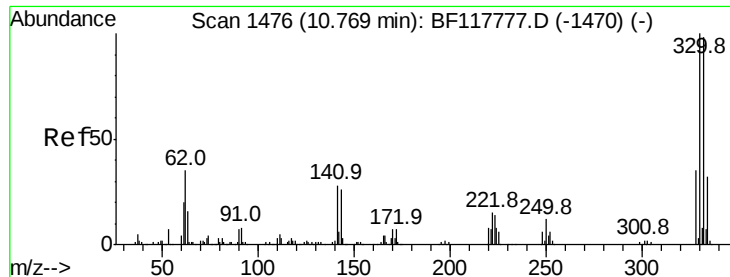
Abundance

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: 7.700 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Instrument :

BNA_F

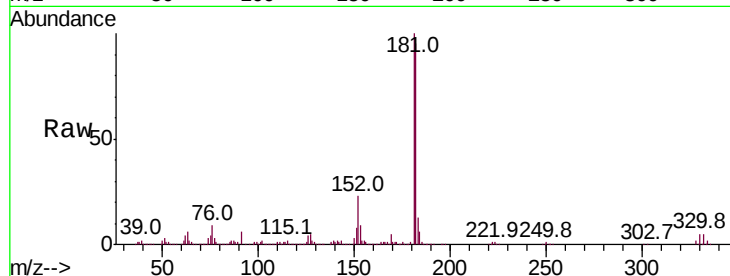
ClientSampleId :

WS-112019-0-2-COMP-B2

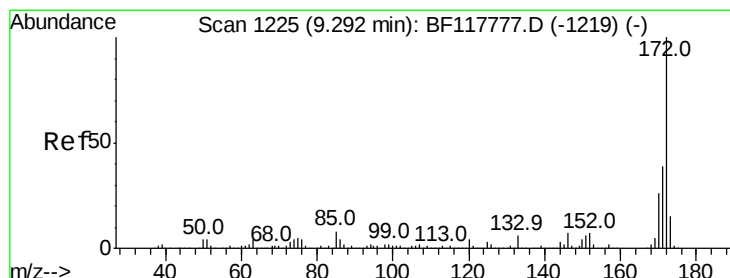
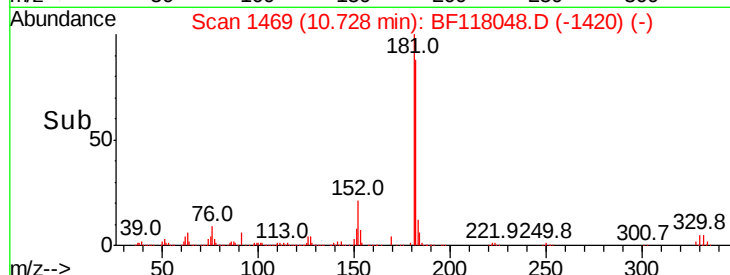
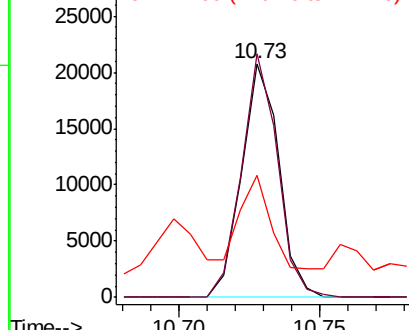
Tot Ion:	330	Resp:	19033
Ion Ratio	Lower	Upper	
330	100		
332	100.2	76.7	115.1
141	37.6	27.7	41.5

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 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: 7.575 ng

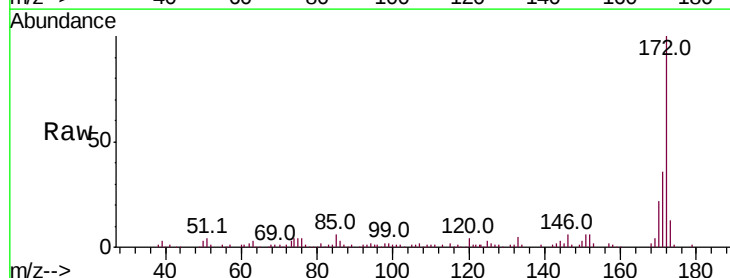
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

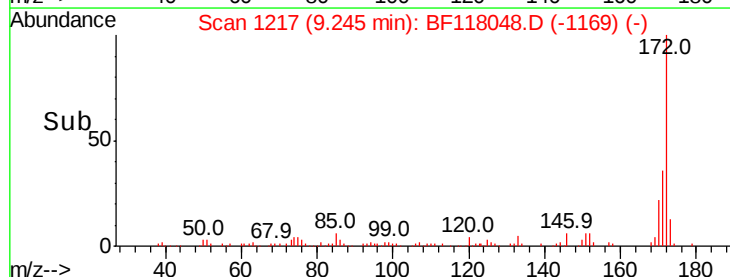
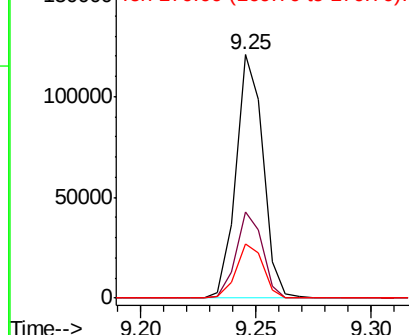
Lab File: BF118048.D

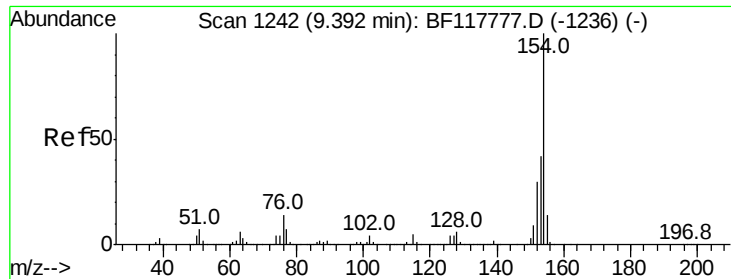
Acq: 27 Nov 2019 18:37

Tgt Ion:	172	Resp:	98585
Ion Ratio	Lower	Upper	
172	100		
171	35.6	30.9	46.3
170	22.4	21.0	31.4



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





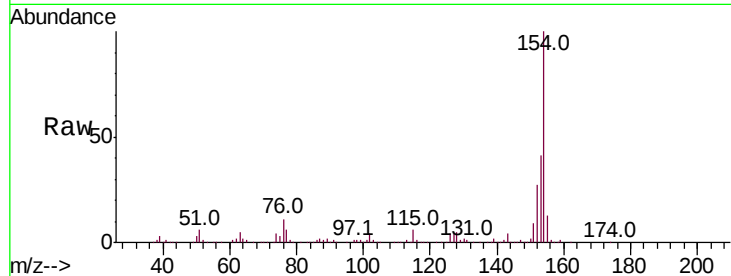
#46
1,1'-Biphenyl
Concen: 9.051 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.9	61.9	
76	11.1	0.0	33.6	

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM

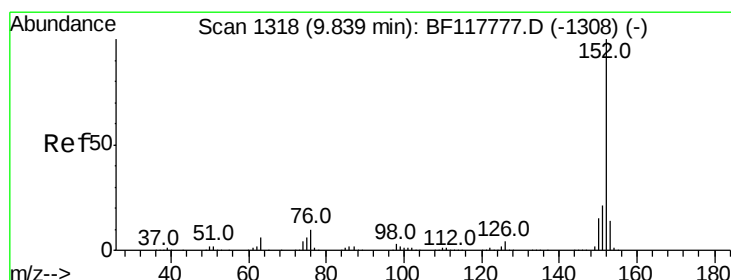
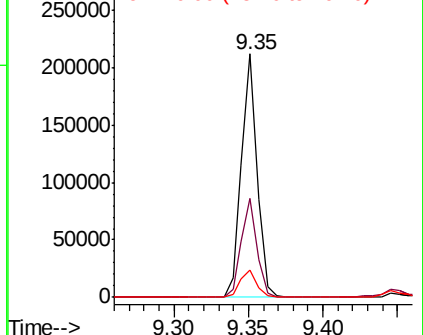
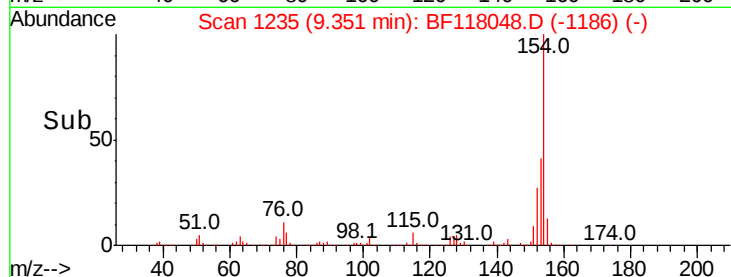


Abundance

Ion 154.00 (153.70 to 154.70): E

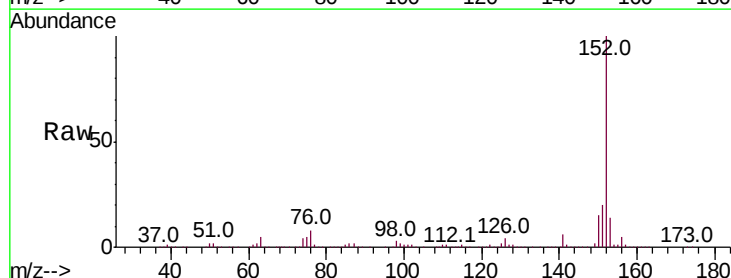
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49
Acenaphthylene
Concen: 33.561 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.1	17.0	25.6	
153	13.6	11.0	16.6	

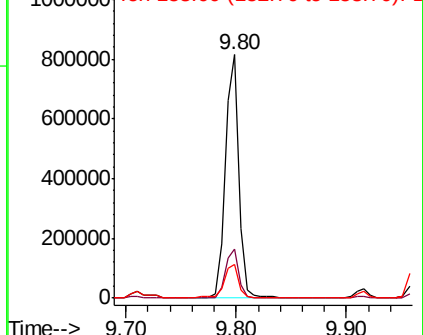
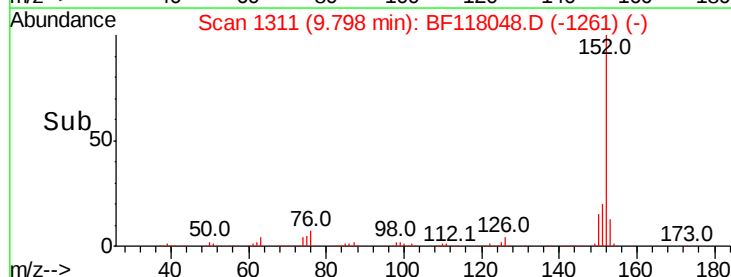


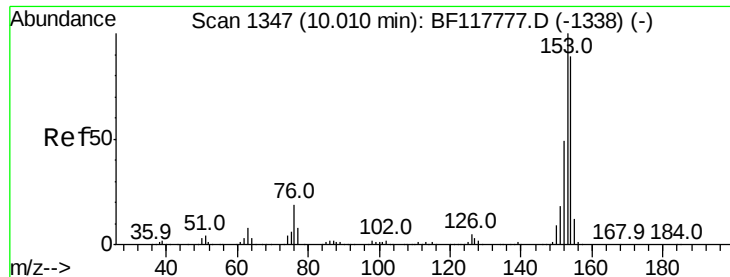
Abundance

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: 59.504 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Instrument :

BNA_F

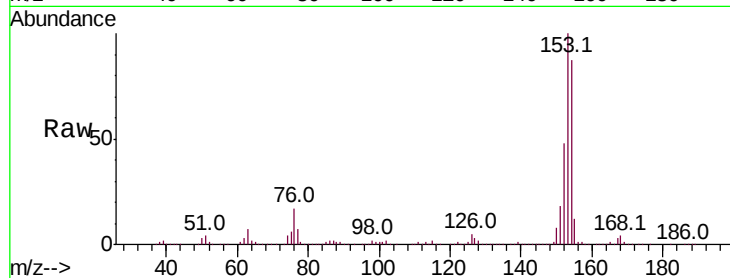
ClientSampleId :

WS-112019-0-2-COMP-B2

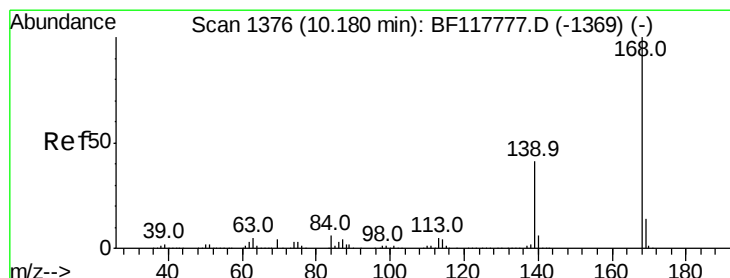
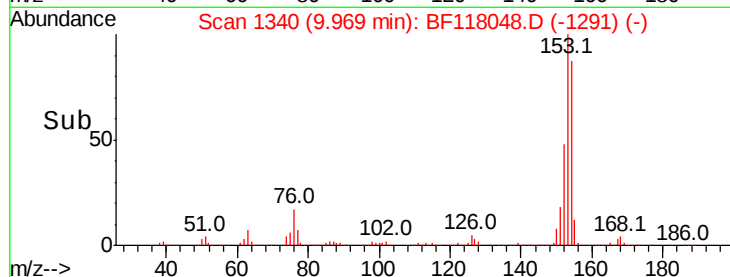
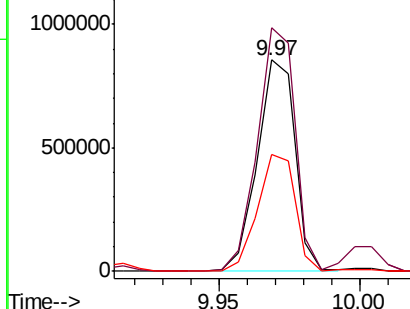
Tot Ion:	154	Resp:	791963
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.1	135.1
152	55.2	44.0	66.0

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM



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: 53.995 ng

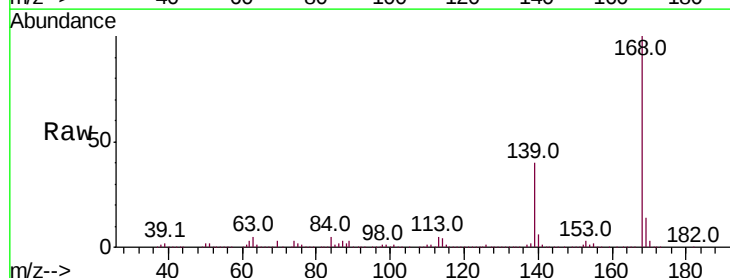
RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

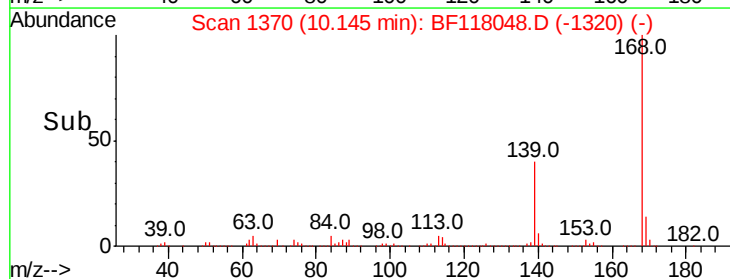
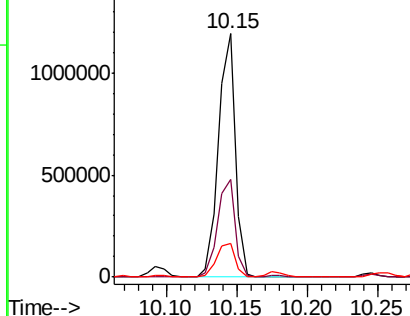
Lab File: BF118048.D

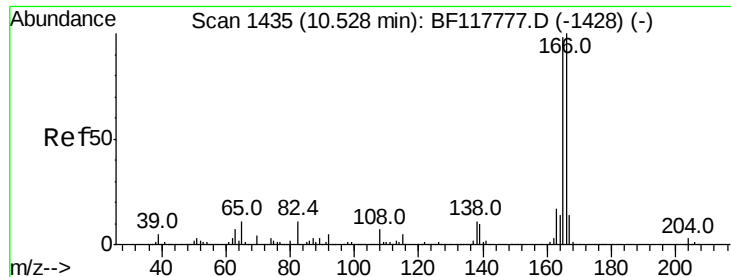
Acq: 27 Nov 2019 18:37

Tgt Ion:	168	Resp:	995144
Ion Ratio	Lower	Upper	
168	100		
139	40.3	33.0	49.6
169	13.7	11.5	17.3



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





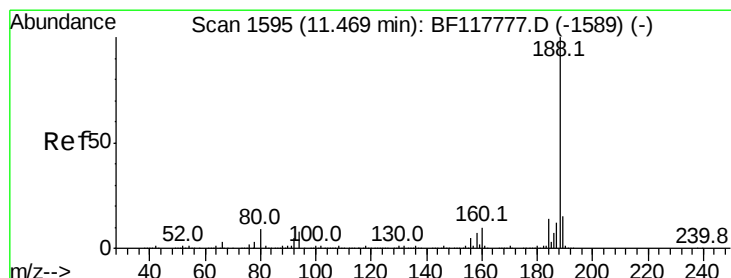
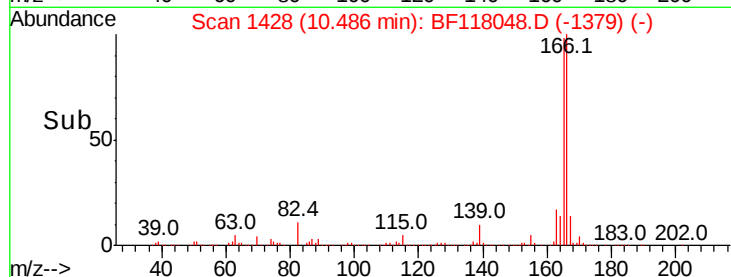
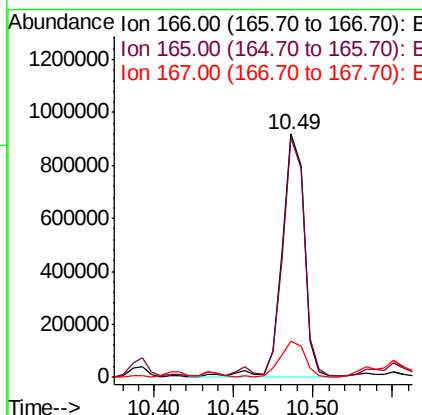
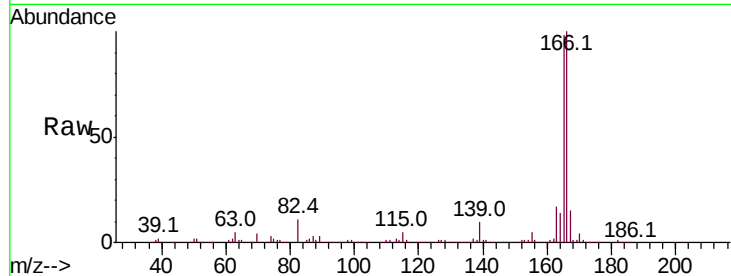
#58
 Fluorene
 Concen: 61.957 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	14.8	11.0	16.4

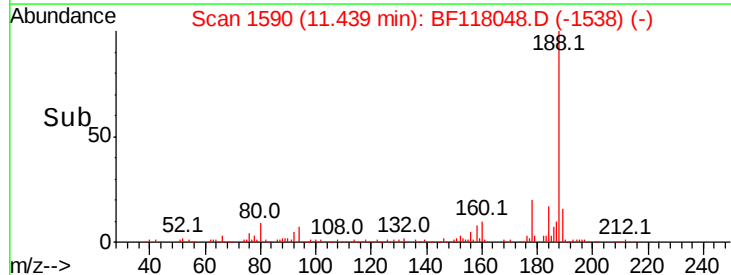
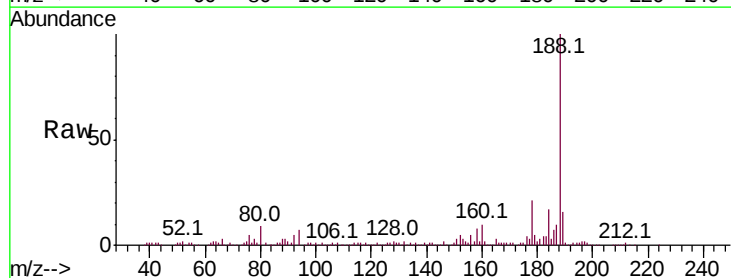
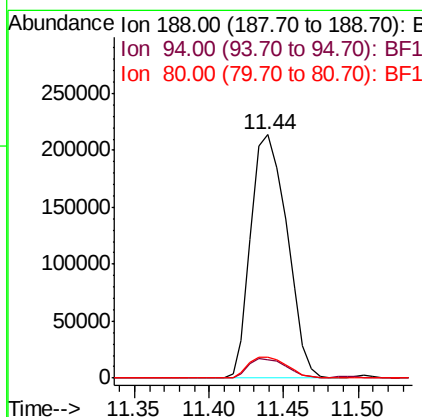
Manual Integrations
 APPROVED

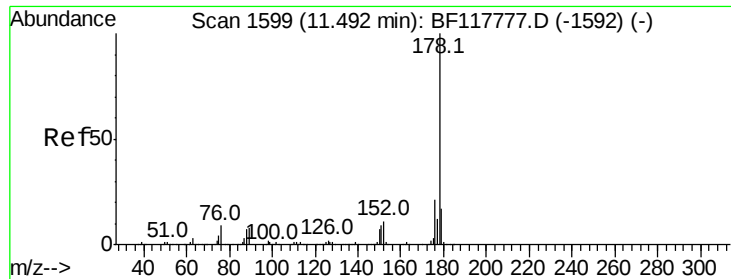
mohammad
 11/29/2019 8:53:39 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.6	10.0
80	8.6	7.2	10.8





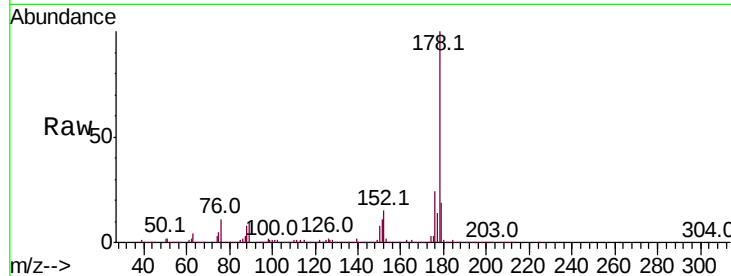
#71
Phenanthrene
Concen: 474.001 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.02 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

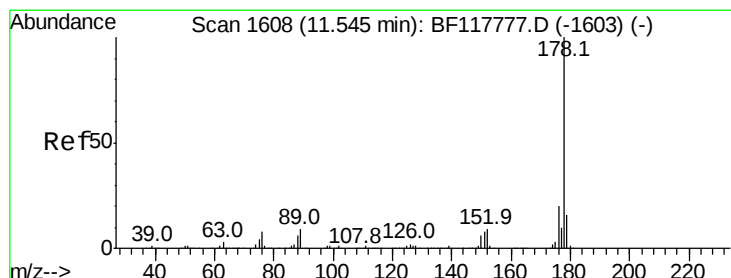
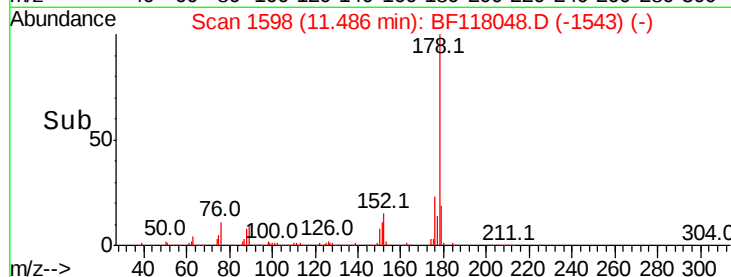
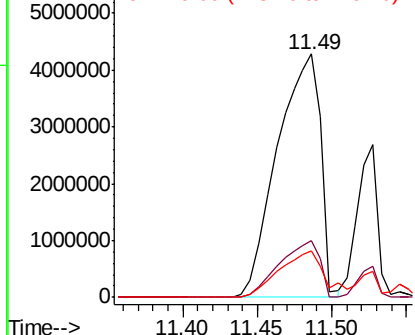
Tot Ion:178 Resp: 8590445
Ion Ratio Lower Upper
178 100
176 23.5 16.6 25.0
179 19.1 13.2 19.8

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM



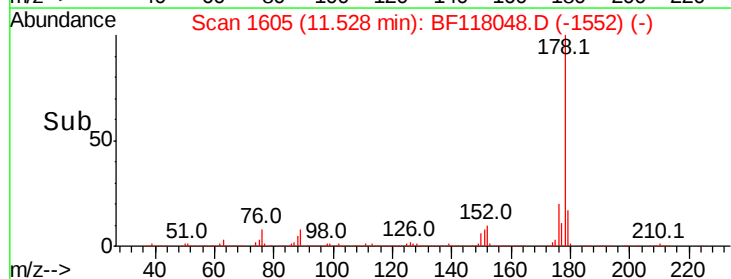
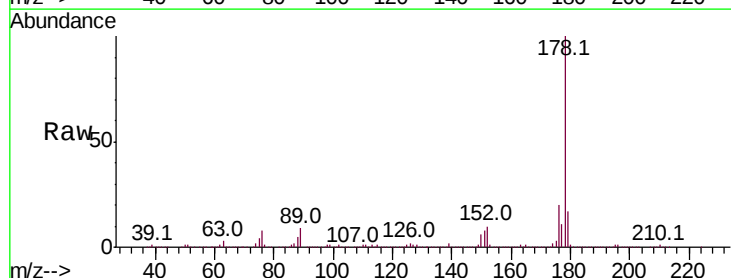
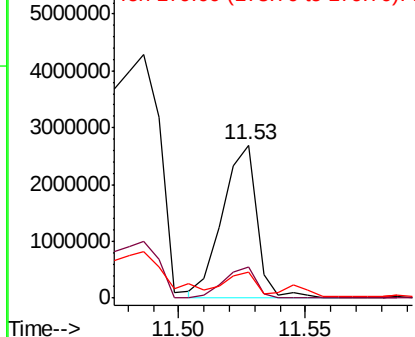
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

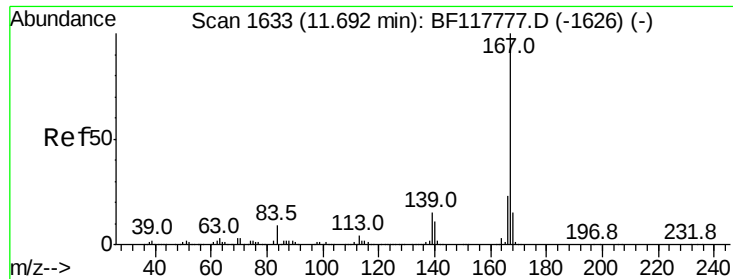


#72
Anthracene
Concen: 140.055 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion:178 Resp: 2516607
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.2 13.0 19.4

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





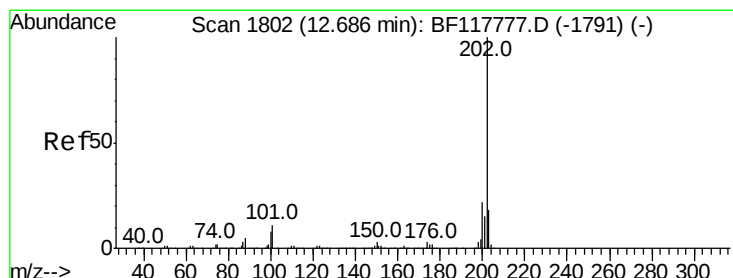
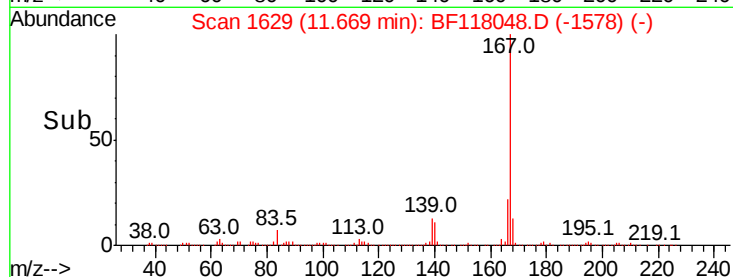
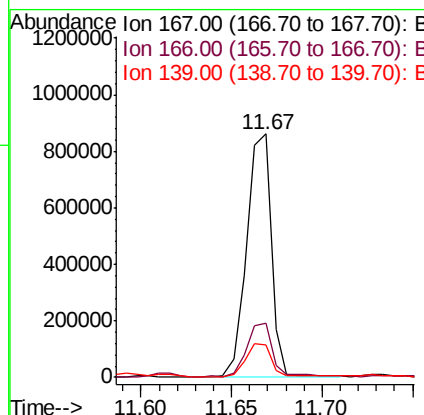
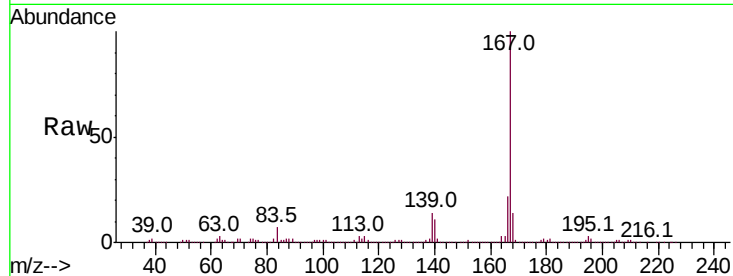
#73
 Carbazole
 Concen: 51.645 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.5	11.7	17.5

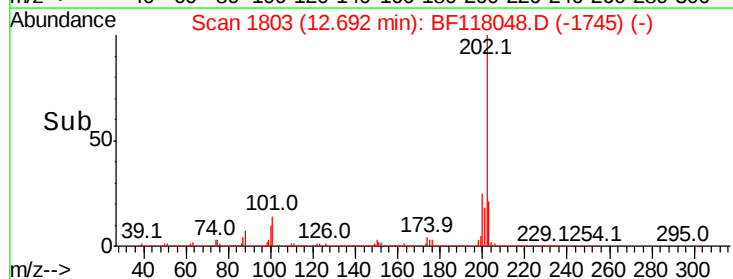
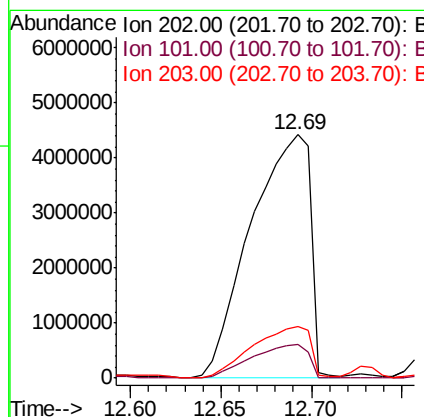
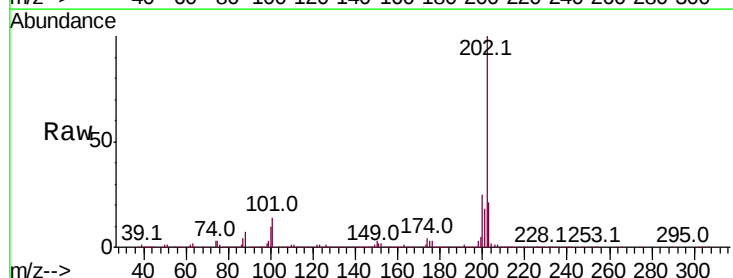
Manual Integrations
 APPROVED

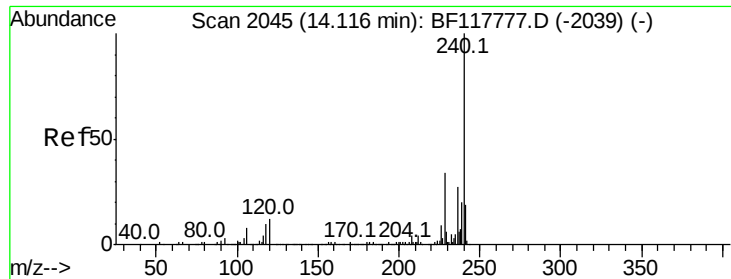
mohammad
 11/29/2019 8:53:39 AM



#75
 Fluoranthene
 Concen: 726.839 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. 0.04 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.1
203	21.2	0.0	38.2





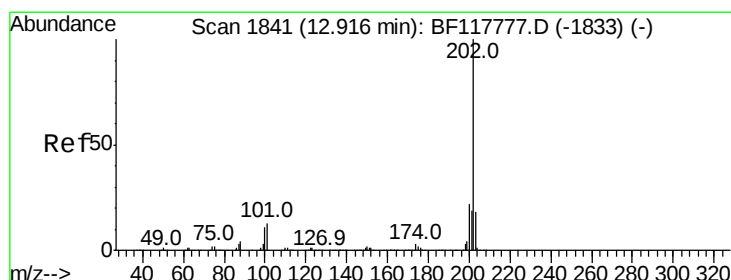
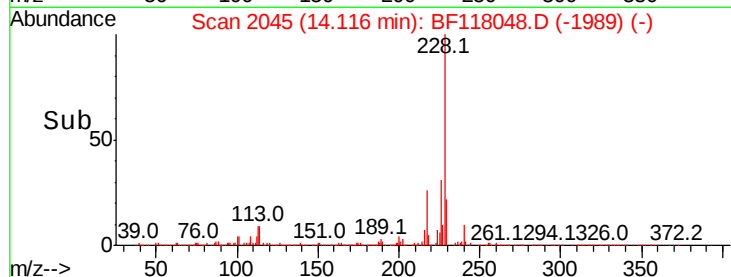
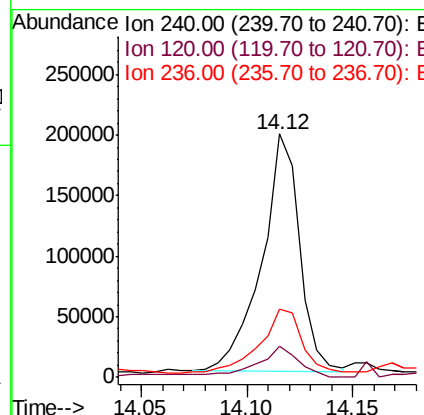
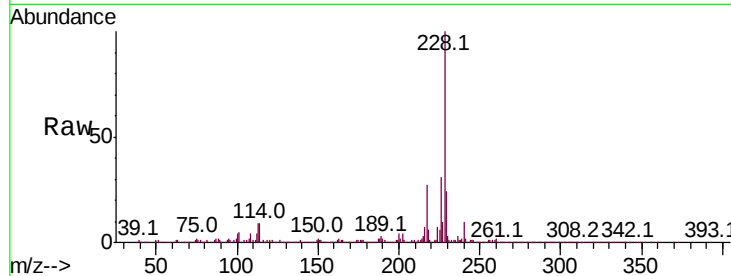
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.03 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	28.0	21.3	31.9

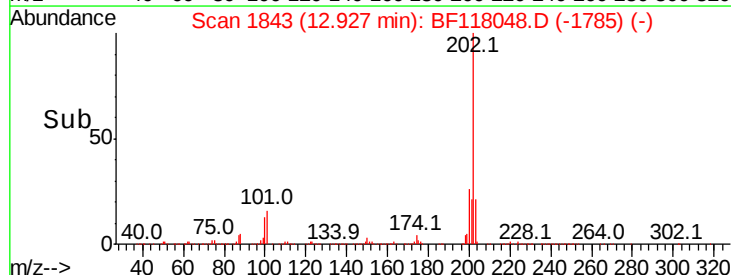
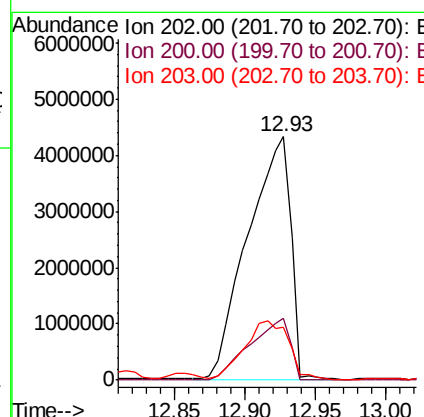
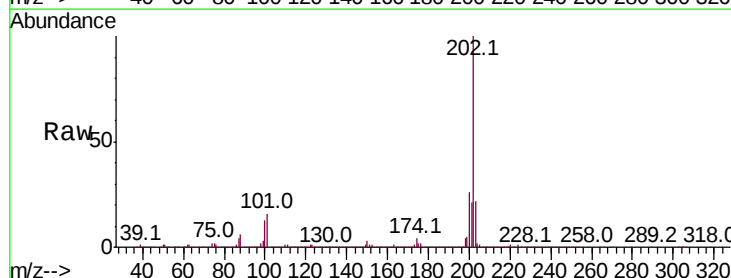
Manual Integrations
APPROVED

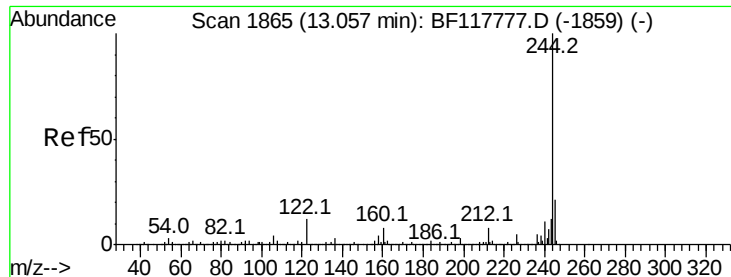
mohammad
11/29/2019 8:53:39 AM



#78
Pyrene
Concen: 468.612 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.04 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.6	17.8	26.8
203	21.9	14.6	22.0





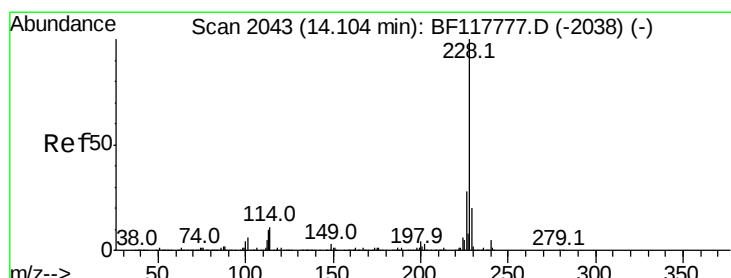
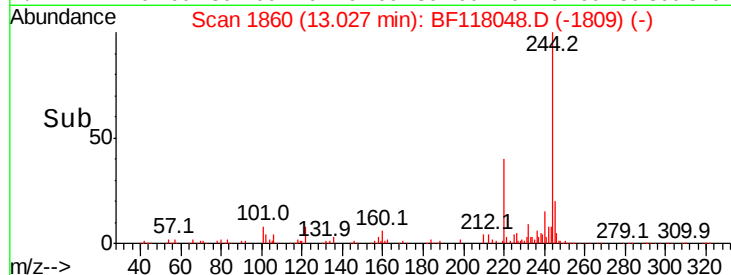
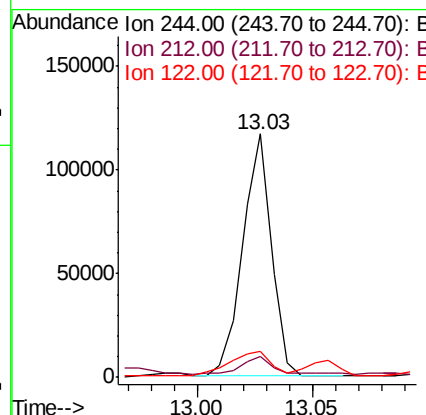
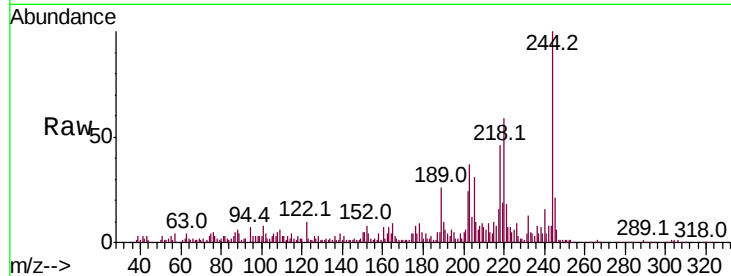
#79
 Terphenyl-d14
 Concen: 7.647 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	10.5	9.4	14.2

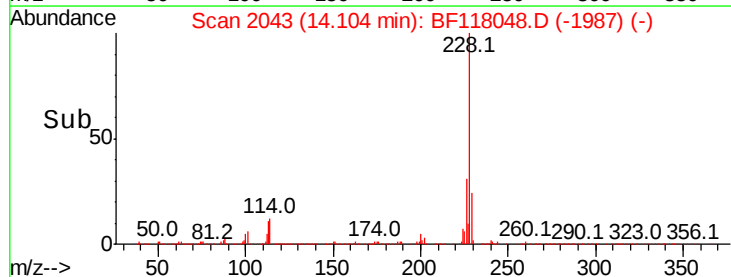
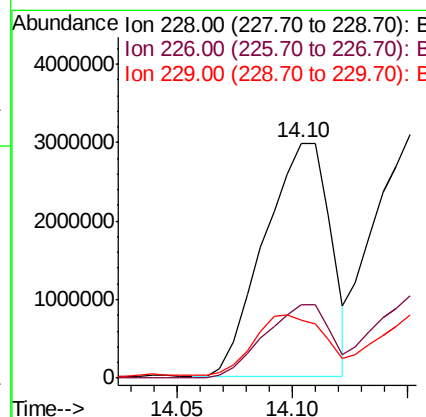
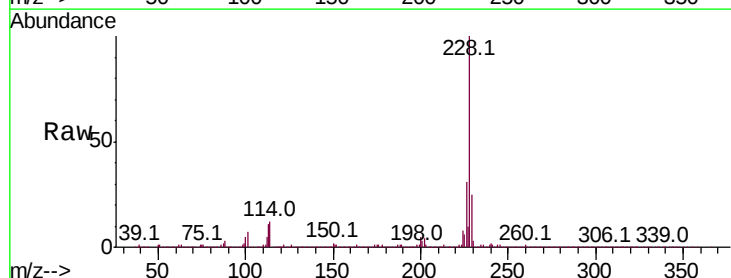
Manual Integrations
 APPROVED

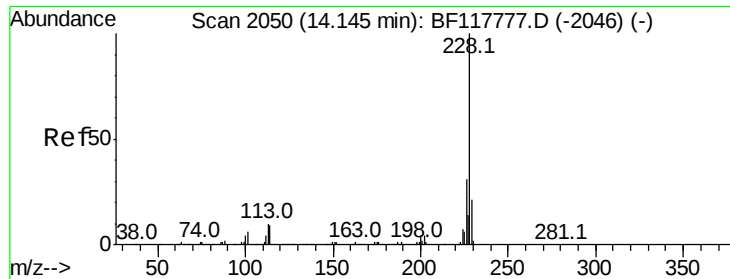
mohammad
 11/29/2019 8:53:39 AM



#81
 Benzo(a)anthracene
 Concen: 369.233 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.03 min
 Lab File: BF118048.D
 Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.2
229	24.5	15.9	23.9





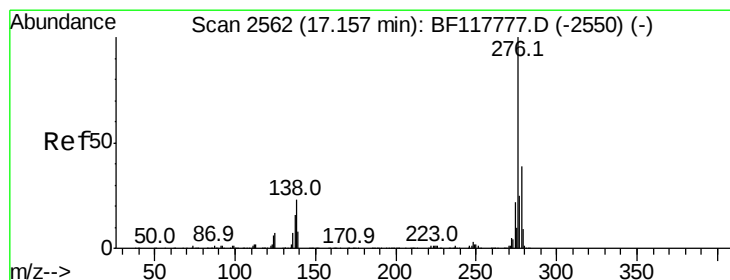
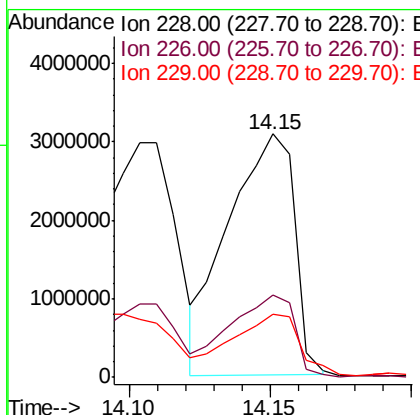
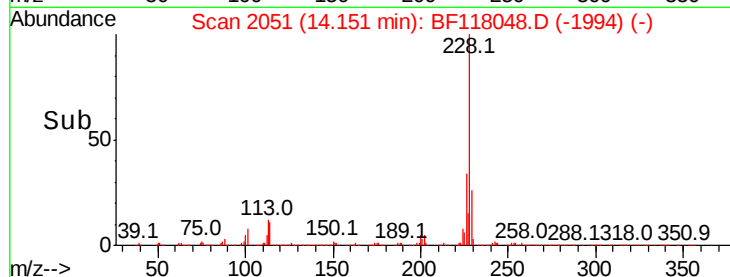
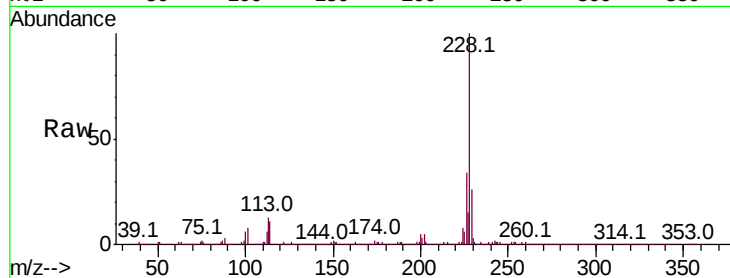
#83
Chrysene
Concen: 321.664 ng/ml
RT: 14.15 min Scan# 2051
Delta R.T. 0.04 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion:228 Resp: 5011682
Ion Ratio Lower Upper
228 100
226 33.7 25.0 37.4
229 26.1 16.6 25.0#

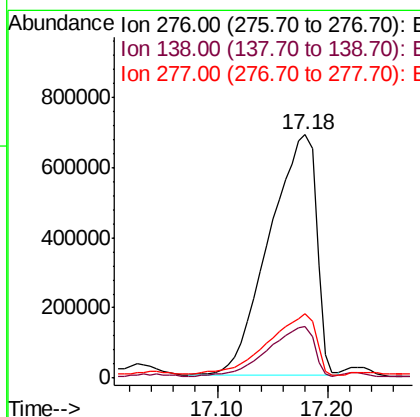
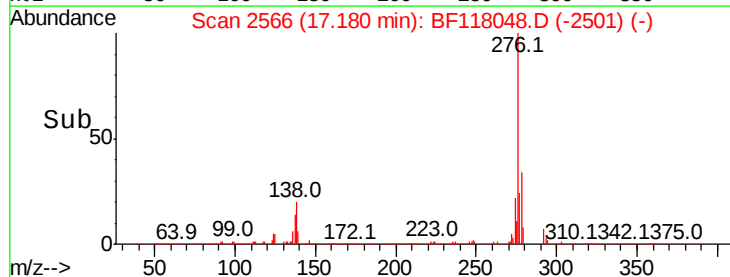
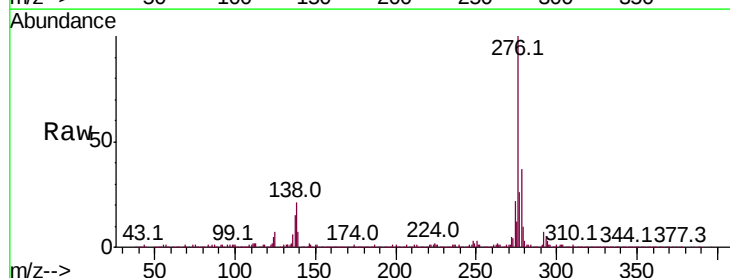
Manual Integrations
APPROVED

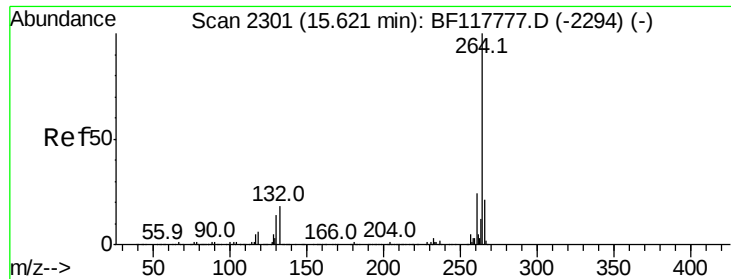
mohammad
11/29/2019 8:53:39 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 151.535 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.08 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion:276 Resp: 2009431
Ion Ratio Lower Upper
276 100
138 20.0 20.9 31.3#
277 26.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.05 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

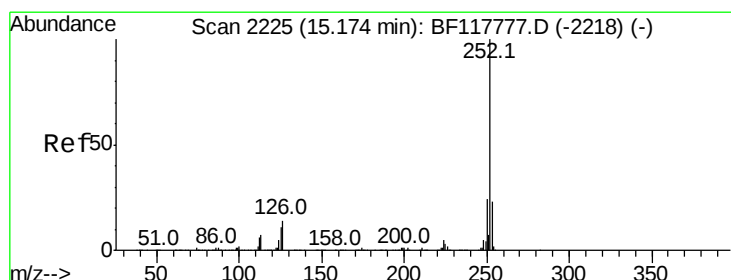
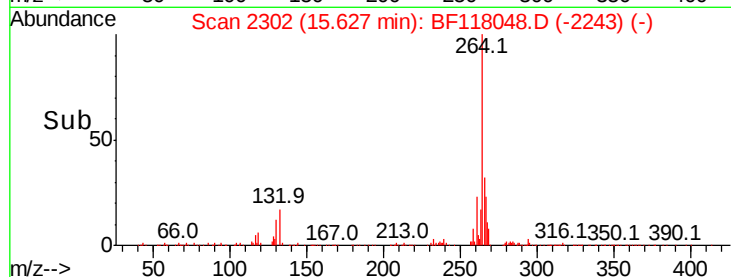
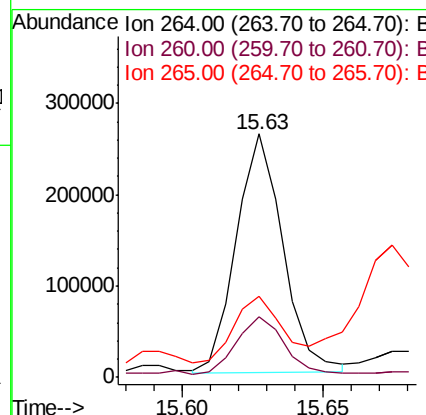
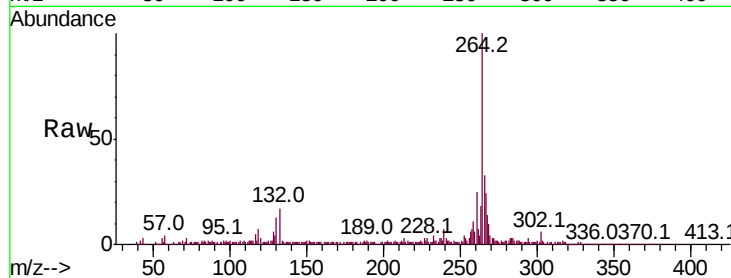
Instrument :
BNA_F

ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	33.3	17.1	25.7

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM



#88

Benzo(b)fluoranthene

Concen: 354.299 ng m

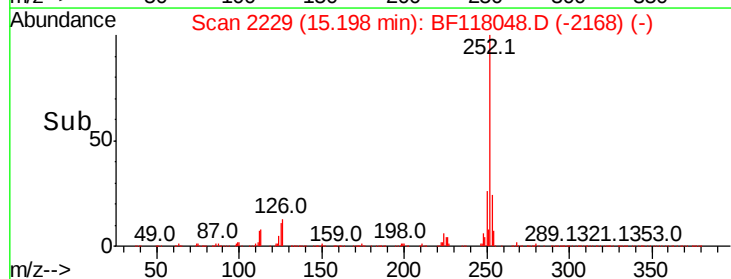
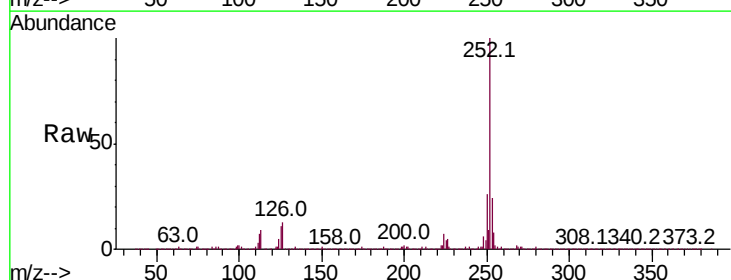
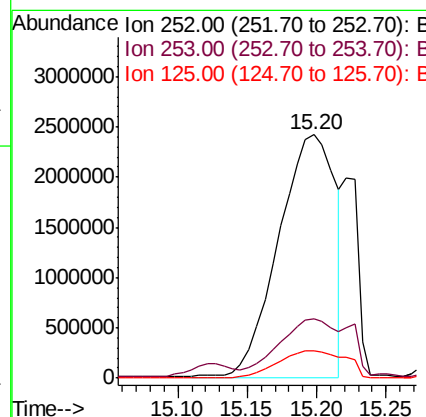
RT: 15.20 min Scan# 2229

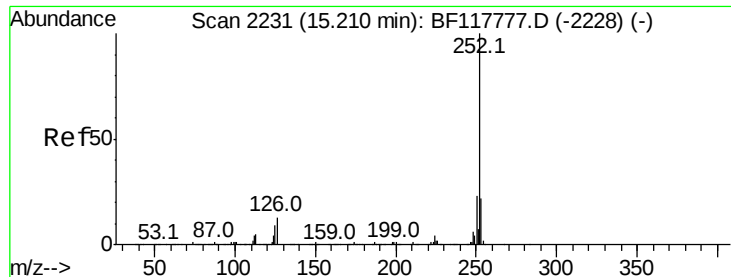
Delta R.T. 0.06 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	11.1	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 84.830 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.05 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

Instrument :

BNA_F

ClientSampleId :

WS-112019-0-2-COMP-B2

Tot Ion:252 Resp: 1559249

Ion Ratio Lower Upper

252 100

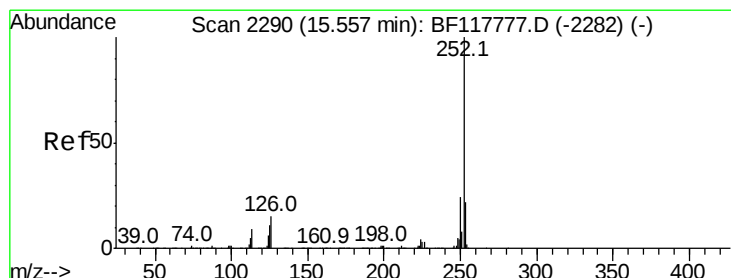
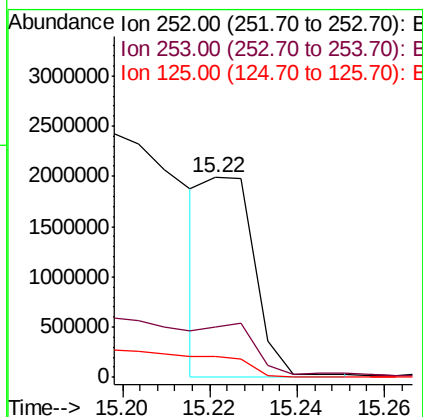
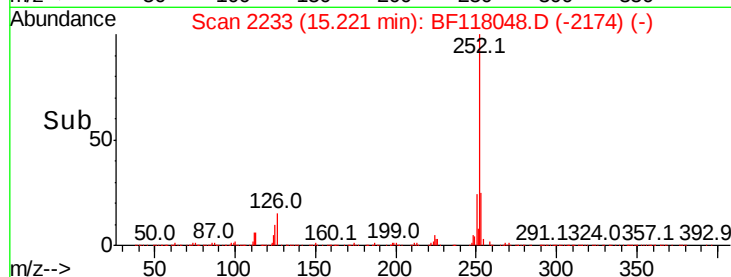
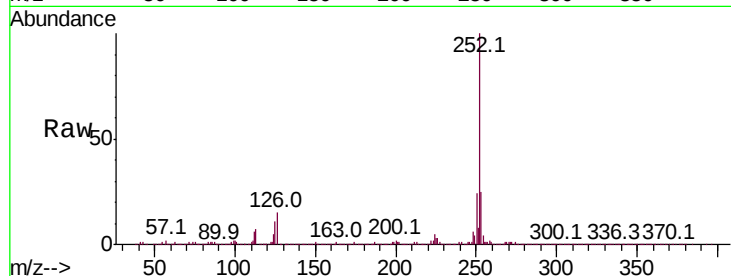
253 25.3 17.5 26.3

125 10.6 7.9 11.9

Manual Integrations
APPROVED

mohammad

11/29/2019 8:53:39 AM



#90

Benzo(a)pyrene

Concen: 255.699 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.06 min

Lab File: BF118048.D

Acq: 27 Nov 2019 18:37

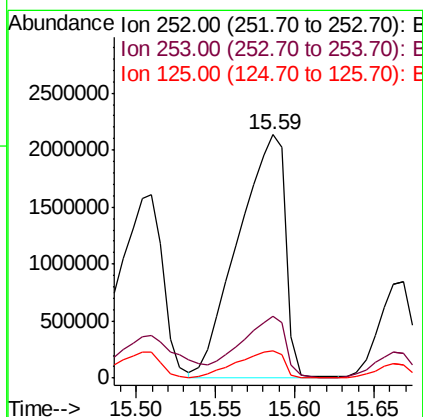
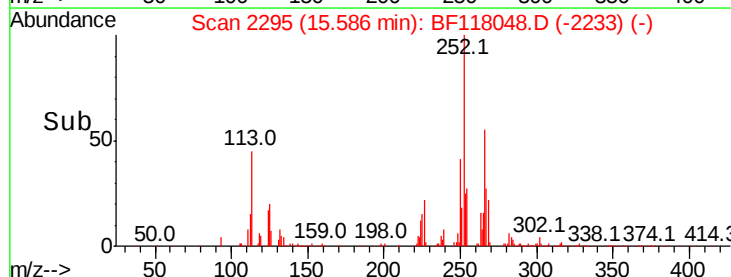
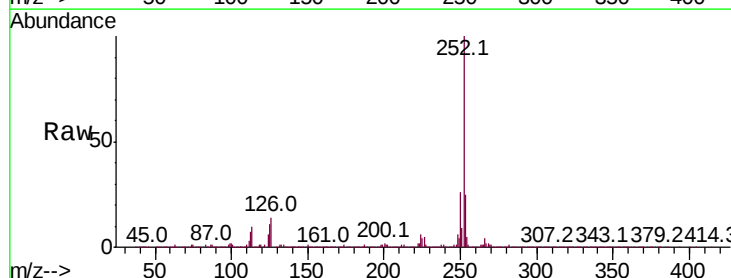
Tgt Ion:252 Resp: 4386260

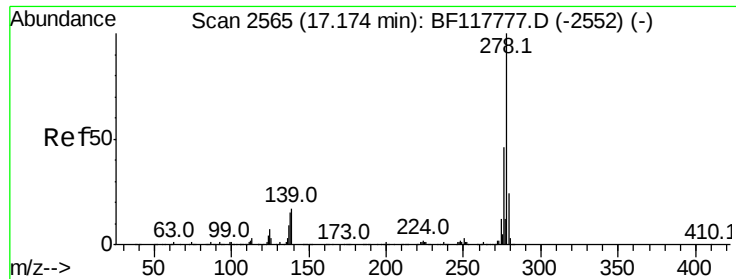
Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 11.3 9.2 13.8





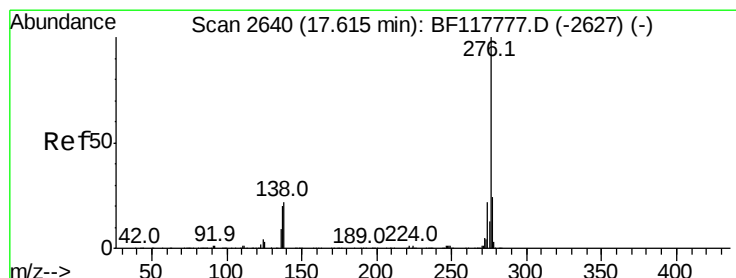
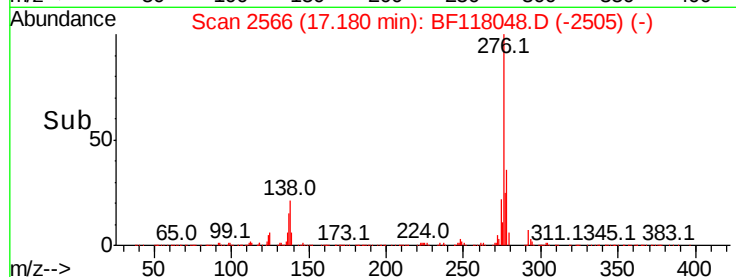
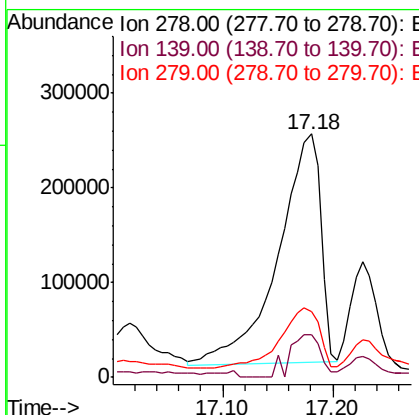
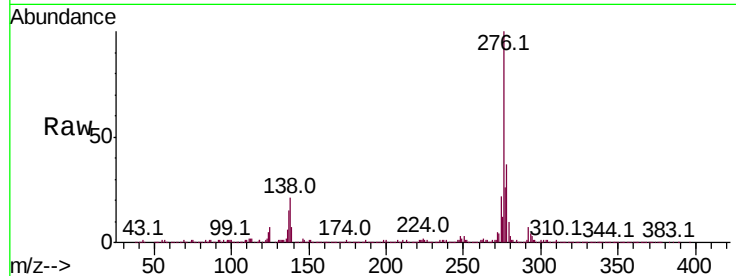
#91
Dibenzo(a,h)anthracene
Concen: 43.685 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.06 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B2

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.8	20.8
279	27.0	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/29/2019 8:53:39 AM



#92
Benzo(g,h,i)perylene
Concen: 121.294 ng
RT: 17.64 min Scan# 2645
Delta R.T. 0.09 min
Lab File: BF118048.D
Acq: 27 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.5	17.4	26.2

