

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115886.D
 Acq On : 1 Aug 2019 00:19
 Operator : HP/JU
 Sample : K4049-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:07:15 PM

Quant Time: Aug 01 08:10:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125666	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	480432	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	234024	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	378098	20.00	ng	0.00
76) Chrysene-d12	14.03	240	297230	20.00	ng	0.00
87) Perylene-d12	15.50	264	294464	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	362753	48.32	ng	0.00
7) Phenol-d6	6.48	99	487251	51.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	273524	32.86	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	103950	45.81	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	471118	37.71	ng	0.00
79) Terphenyl-d14	12.96	244	416259	29.51	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	8.16	128	74719	3.305	ng	98
37) 2-Methylnaphthalene	8.85	142	35250	2.367	ng	99
38) 1-Methylnaphthalene	8.95	142	39192	2.782	ng	100
49) Acenaphthylene	9.75	152	78442	3.910	ng	98
50) Dimethylphthalate	9.60	163	58493	3.671	ng	100
52) Acenaphthene	9.92	154	116785	9.489	ng	97
55) Dibenzofuran	10.10	168	94244	5.266	ng	98
58) Fluorene	10.44	166	122775	8.916	ng	99
71) Phenanthrene	11.41	178	1938770	100.303	ng	98
72) Anthracene	11.46	178	440442	22.515	ng	99
73) Carbazole	11.61	167	140642	7.925	ng	99
75) Fluoranthene	12.60	202	2165098	106.994	ng	97
78) Pvrene	12.83	202	2254364	100.616	ng	98
81) Benzo(a)anthracene	14.02	228	1118749	58.888	ng	97
83) Chrysene	14.06	228	1054804	57.190	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	616633	50.067	ng	99
86) Indeno(1,2,3-cd)pvrene	16.98	276	391574	25.278	ng	97
88) Benzo(b)fluoranthene	15.07	252	1106403m	64.982	ng	
89) Benzo(k)fluoranthene	15.10	252	314050m	18.937	ng	
90) Benzo(a)pvrene	15.44	252	759173	49.879	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	104498m	7.932	ng	
92) Benzo(g,h,i)perylene	17.43	276	384724	29.734	ng	99

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

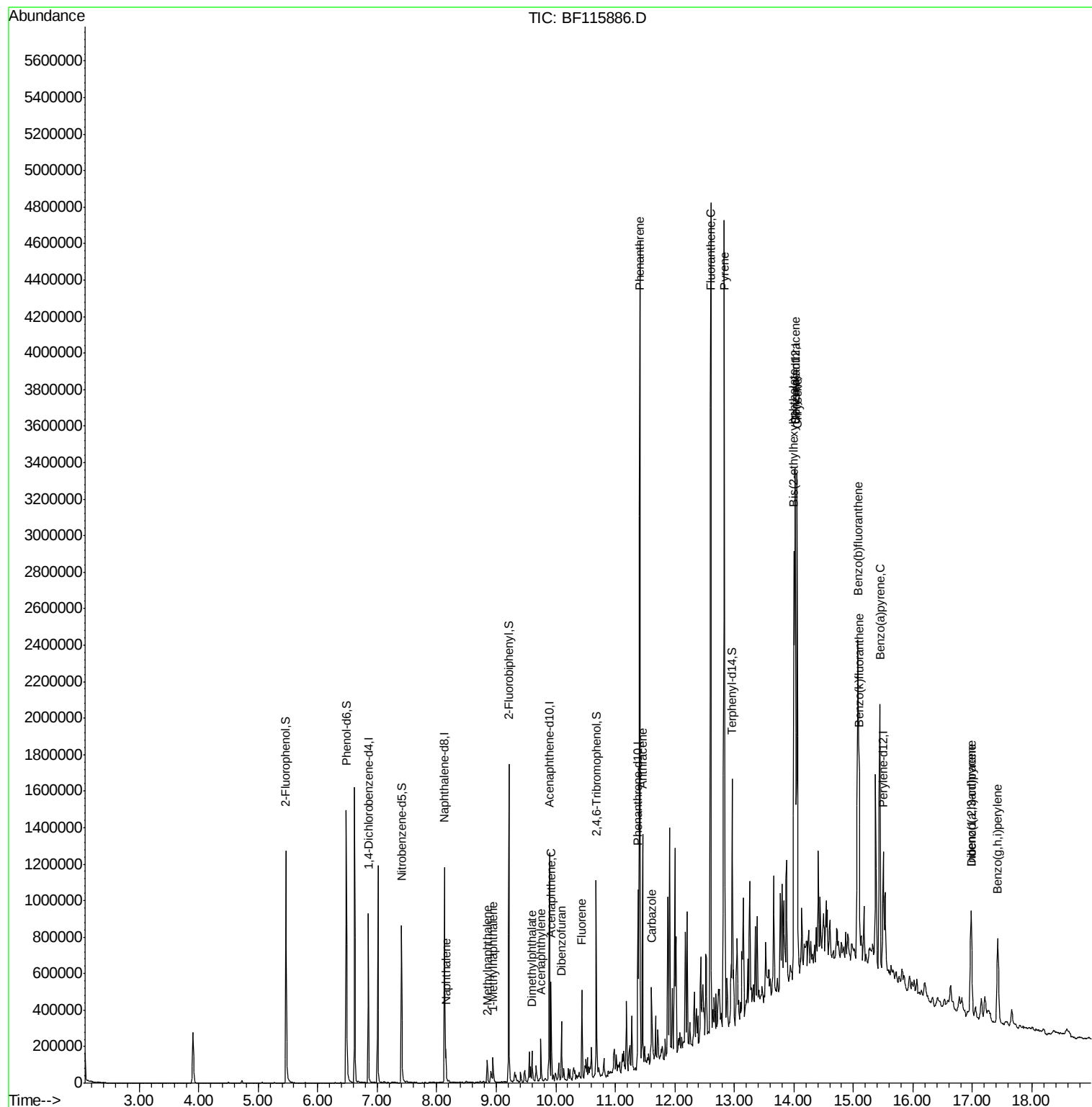
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115886.D
Acq On : 1 Aug 2019 00:19
Operator : HP/JU
Sample : K4049-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

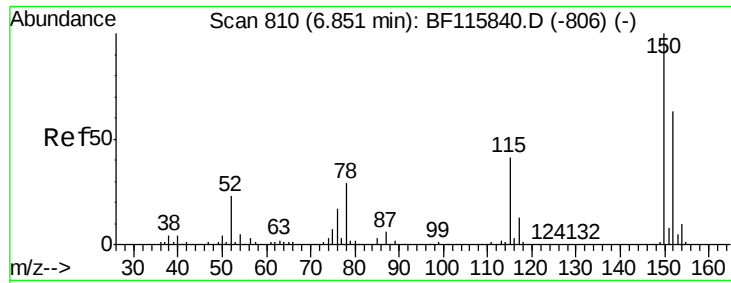
Instrument :
BNA_F
ClientSampleId :
SP-3

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

Quant Time: Aug 01 08:10:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration





#1

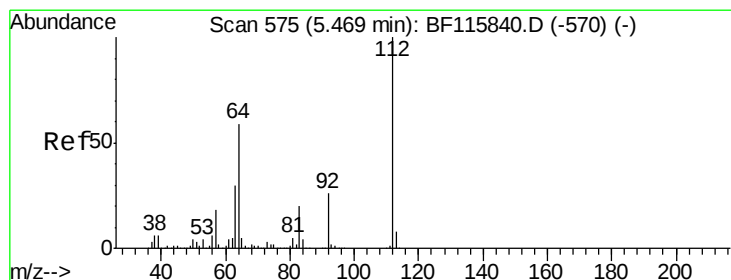
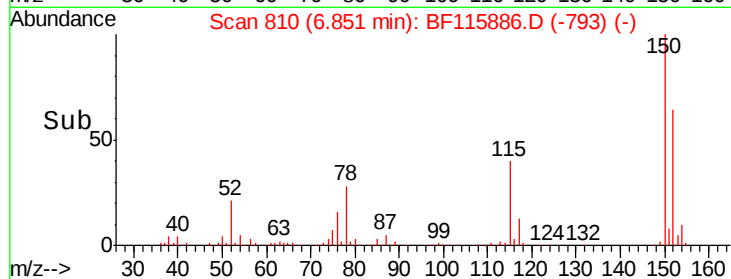
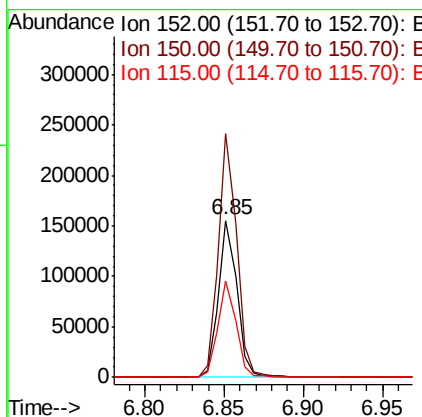
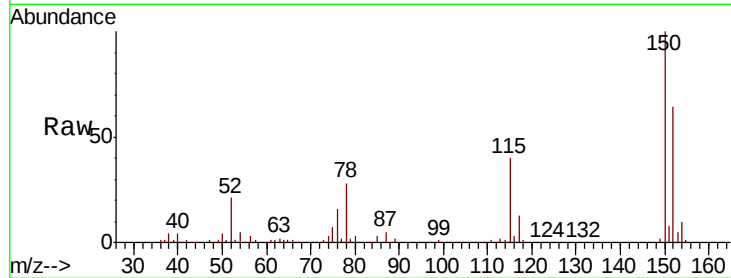
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	61.5	51.8	77.8

Manual Integrations
APPROVED

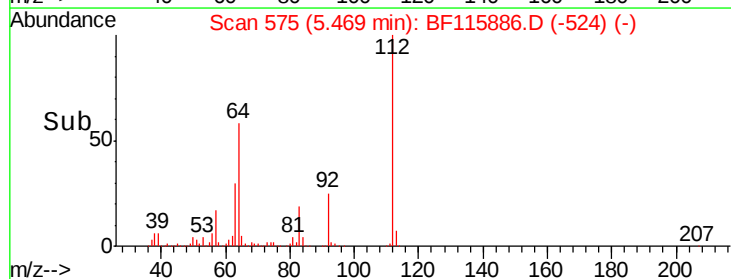
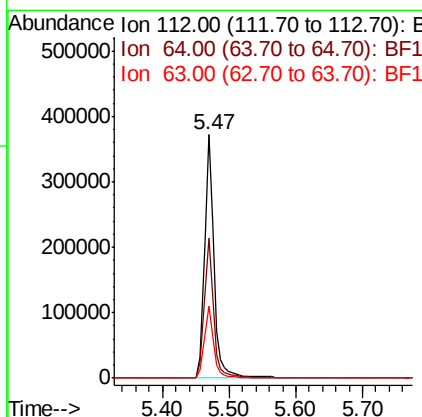
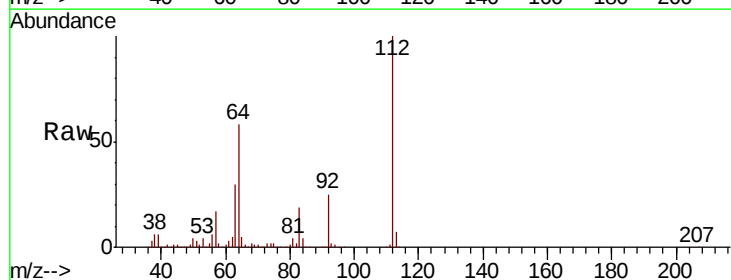
mohammad
8/1/2019 5:07:15 PM

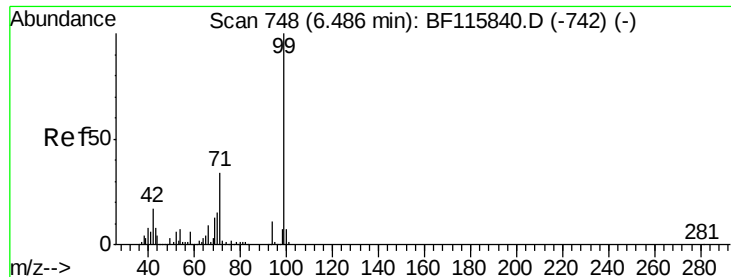


#5

2-Fluorophenol
Concen: 48.324 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.8	70.2
63	29.7	24.2	36.2





#7

Phenol-d6

Concen: 51.447 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Instrument :

BNA_F

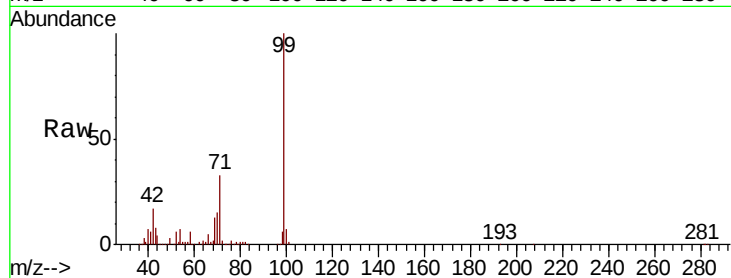
ClientSampleId :

SP-3

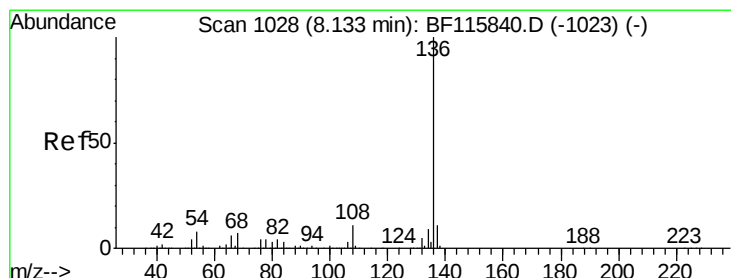
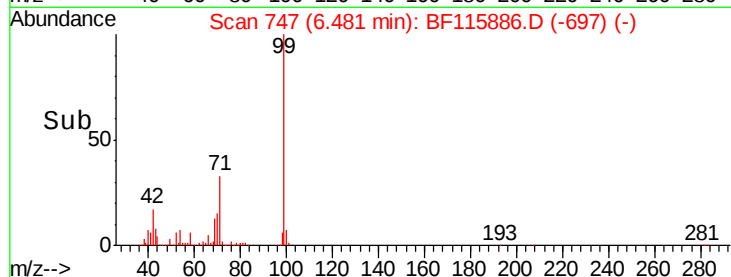
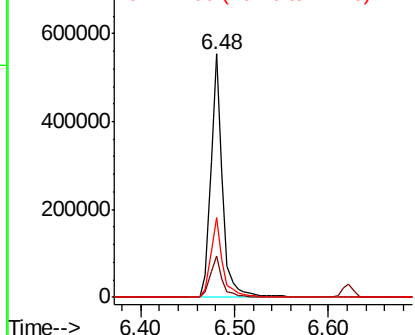
Tot Ion:	99	Resp:	487251
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	33.0	27.1	40.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM



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: 8.13 min Scan# 1028

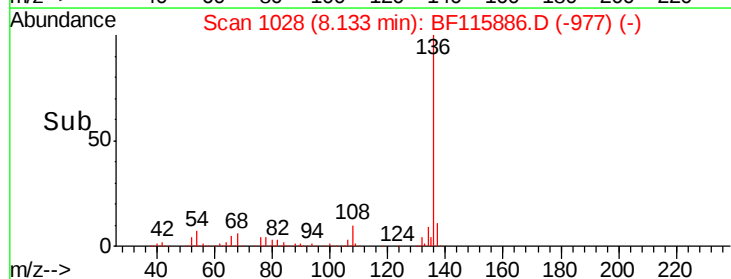
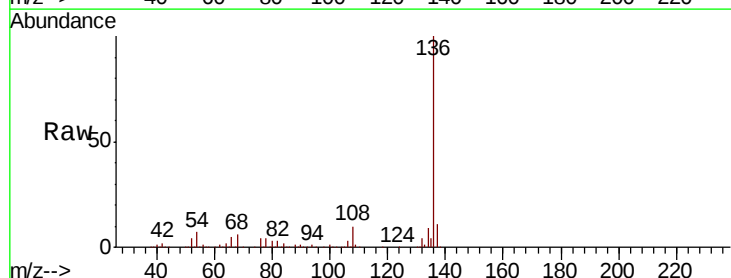
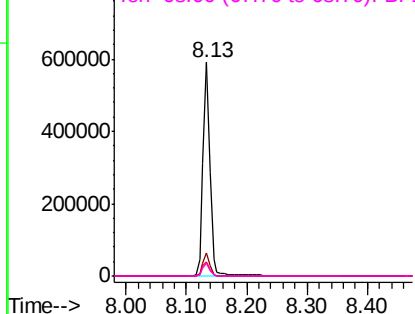
Delta R.T. 0.00 min

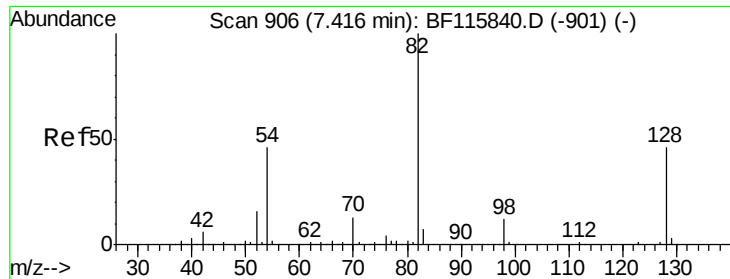
Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Tgt Ion:	136	Resp:	480432
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.6	6.1	9.1
68	5.9	5.4	8.2

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





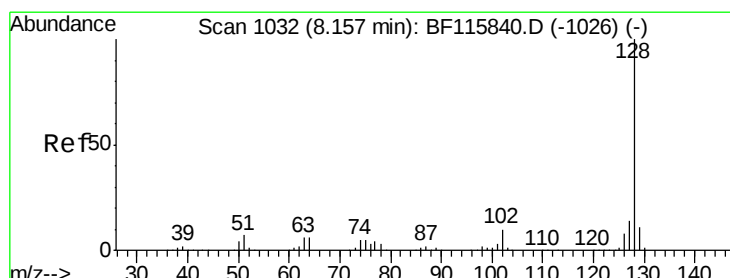
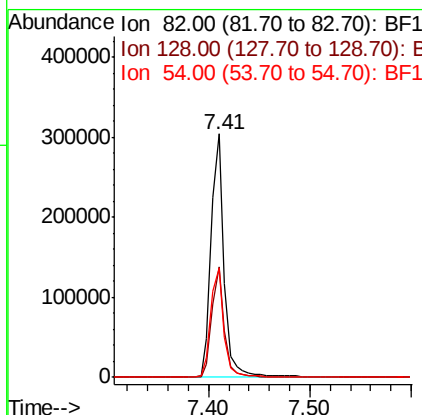
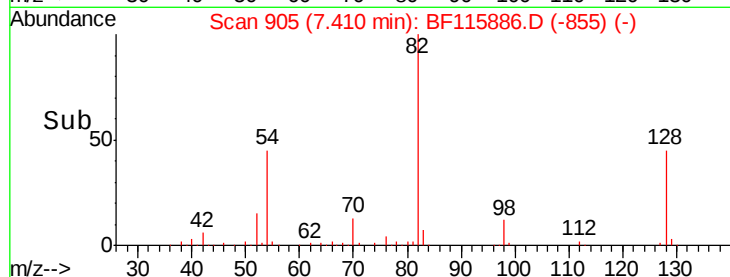
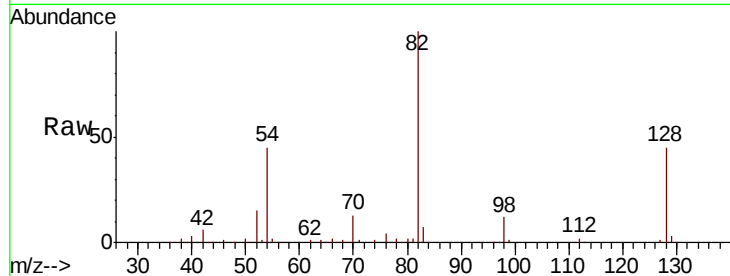
#23
 Nitrobenzene-d5
 Concen: 32.863 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115886.D
 Acq: 1 Aug 2019 00:19

Instrument :
 BNA_F
 ClientSampled :
 SP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.6	55.0
54	44.8	36.6	55.0

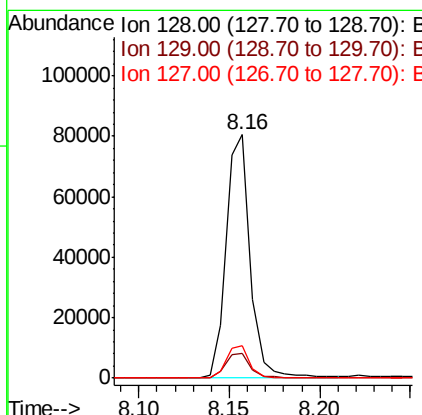
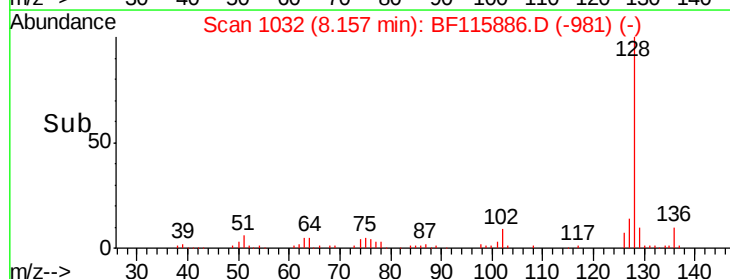
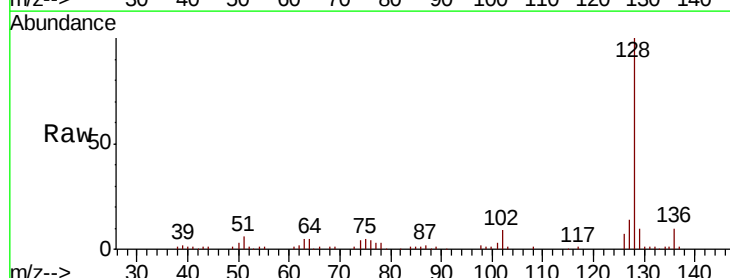
Manual Integrations
 APPROVED

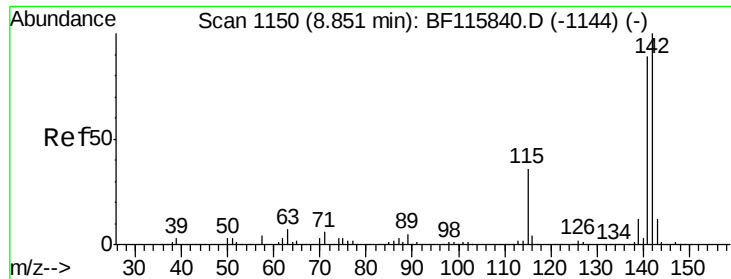
mohammad
 8/1/2019 5:07:15 PM



#31
 Naphthalene
 Concen: 3.305 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF115886.D
 Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.2	13.8
127	13.5	11.0	16.4





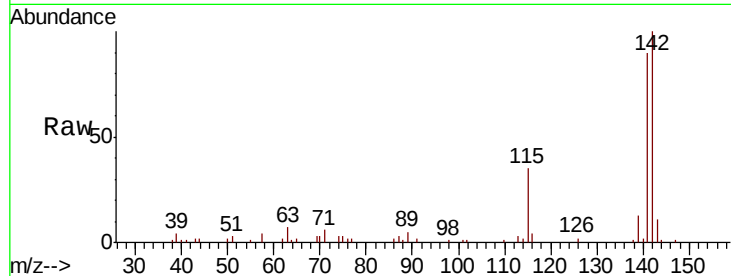
#37
2-Methylnaphthalene
Concen: 2.367 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.2	28.9	43.3

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

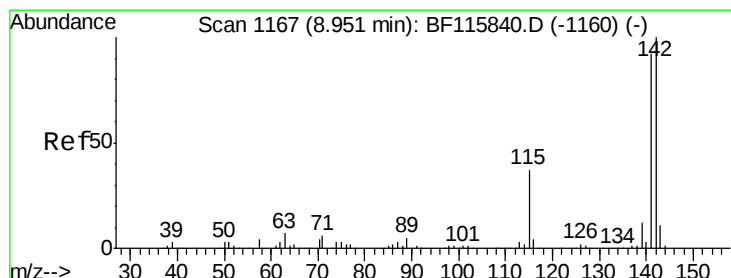
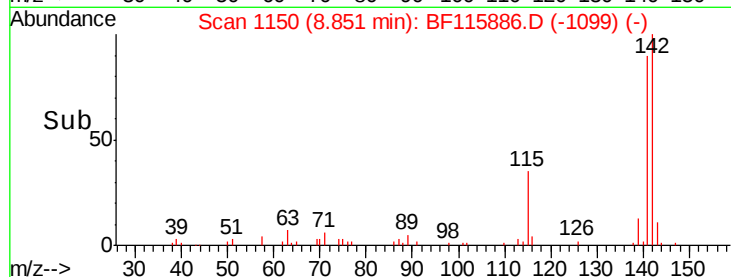
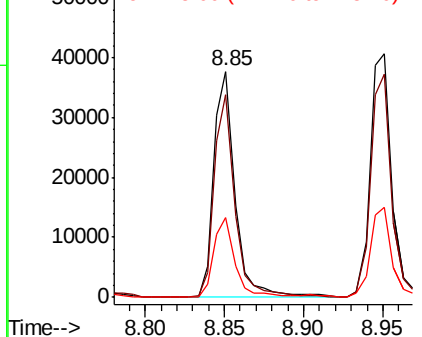


Abundance

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: 2.782 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

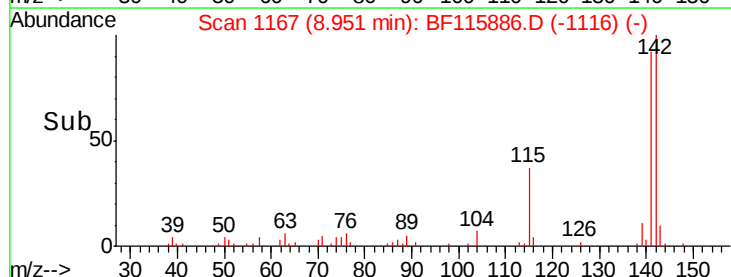
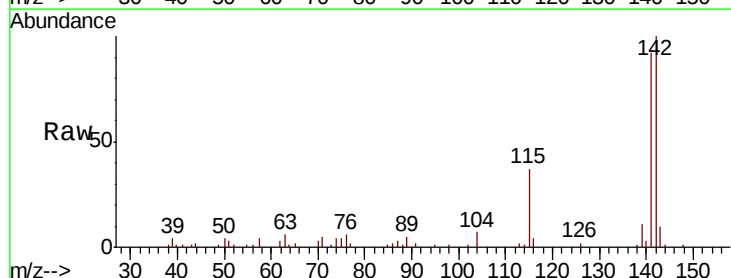
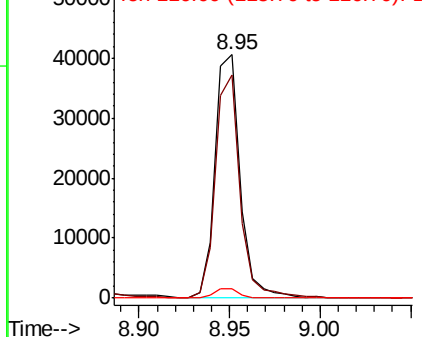
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.6
116	4.1	3.1	4.7

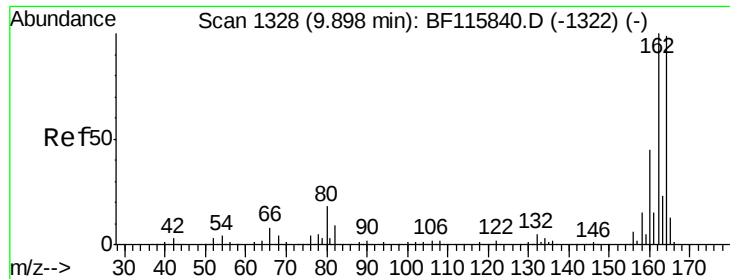
Abundance

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





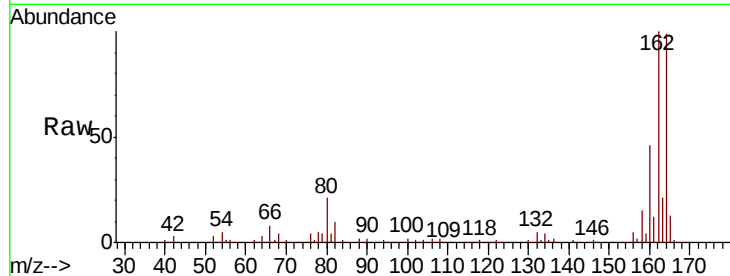
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	234024		
162	101.2	80.8	121.2	
160	46.7	36.2	54.4	

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

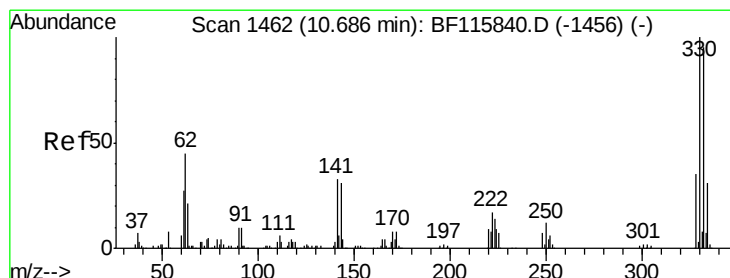
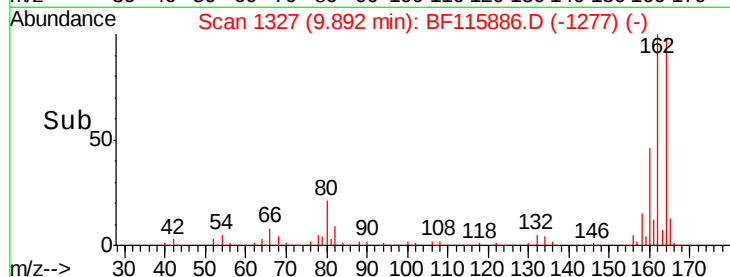
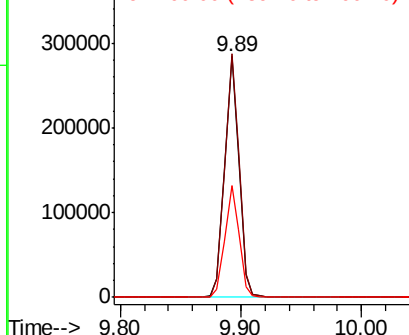


Abundance

Ion 164.00 (163.70 to 164.70): E

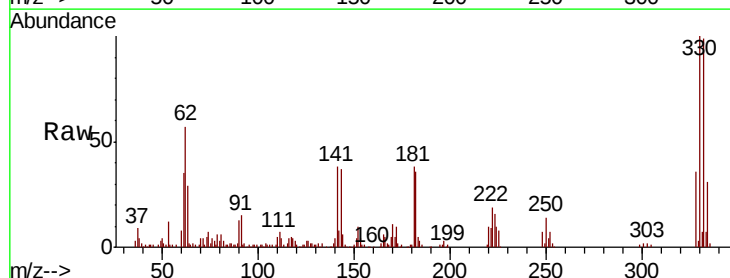
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 45.815 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103950		
332	97.5	77.7	116.5	
141	36.7	28.1	42.1	

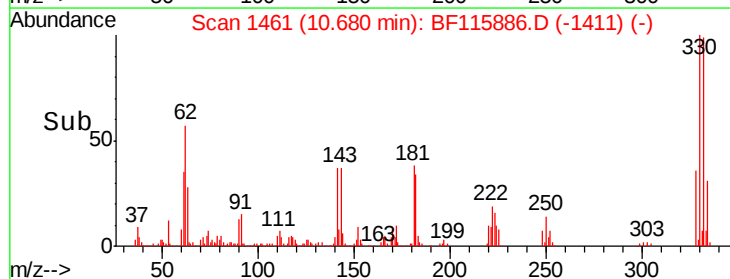
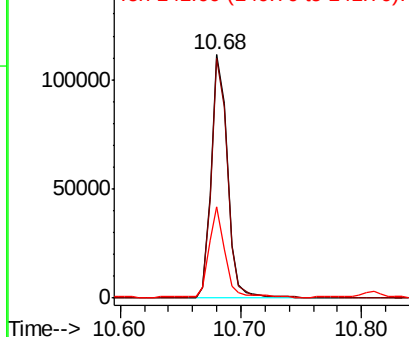


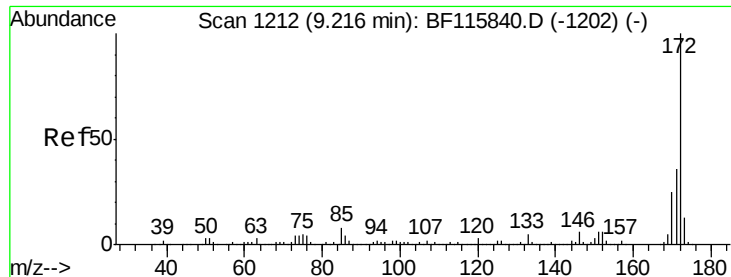
Abundance

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





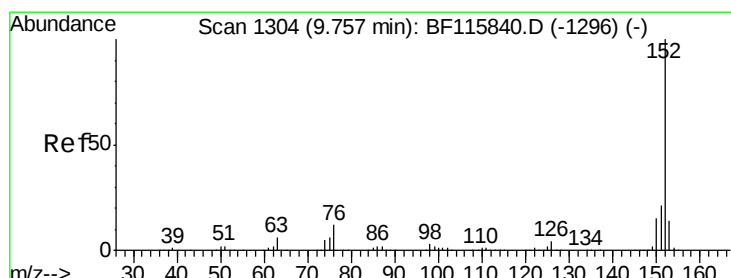
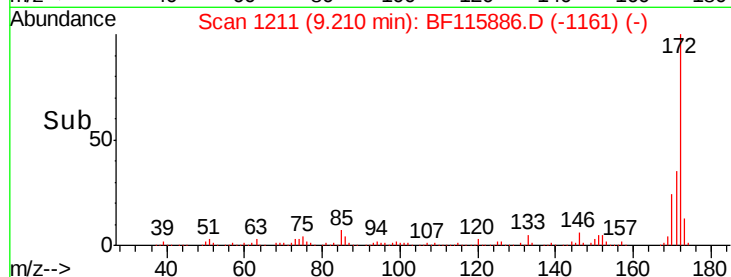
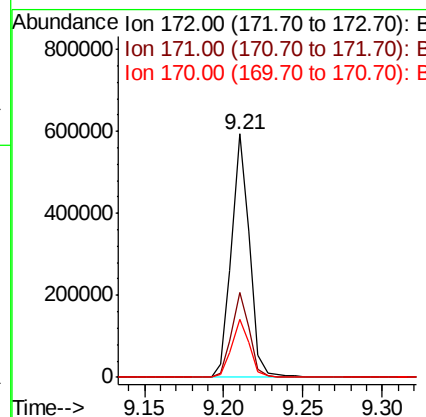
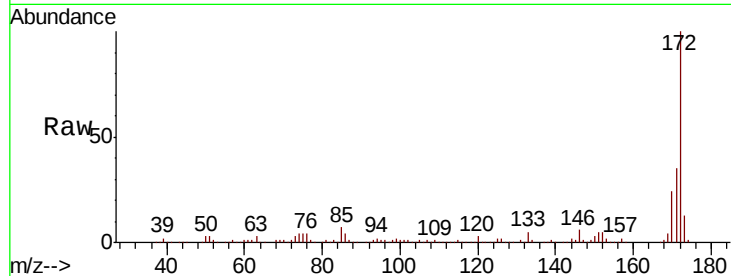
#45
2-Fluorobiphenyl
Concen: 37.707 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	471118		
171	34.9		29.1	43.7
170	24.0		20.1	30.1

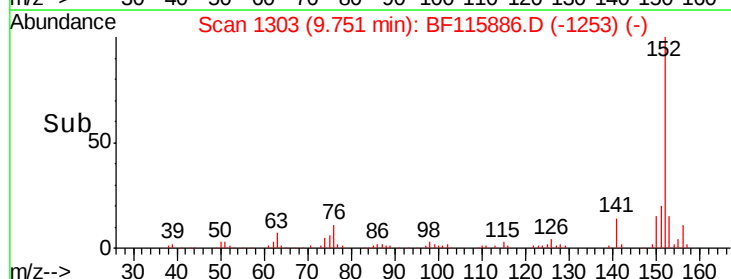
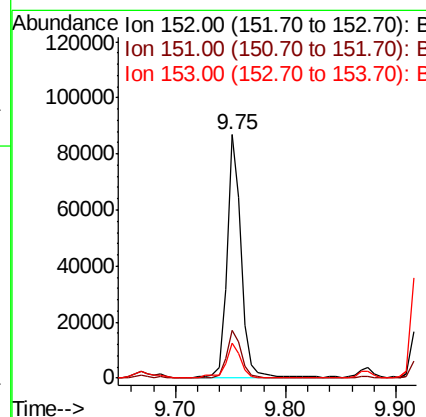
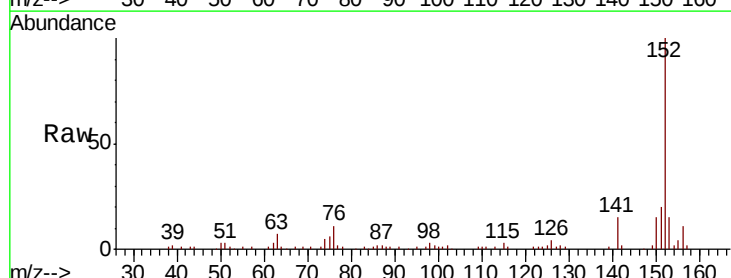
Manual Integrations
APPROVED

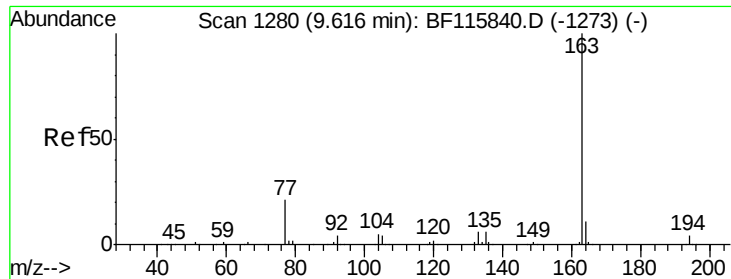
mohammad
8/1/2019 5:07:15 PM



#49
Acenaphthylene
Concen: 3.910 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	78442		
151	19.5		16.8	25.2
153	14.6		11.6	17.4





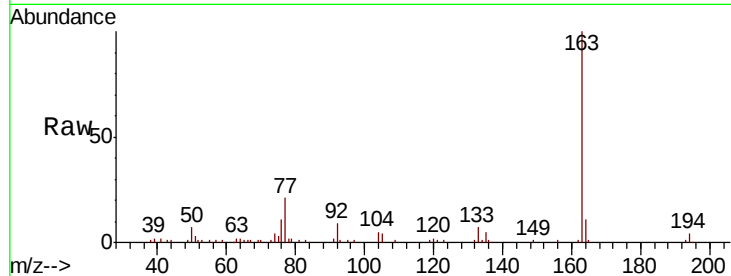
#50
Dimethylphthalate
Concen: 3.671 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampled :
SP-3

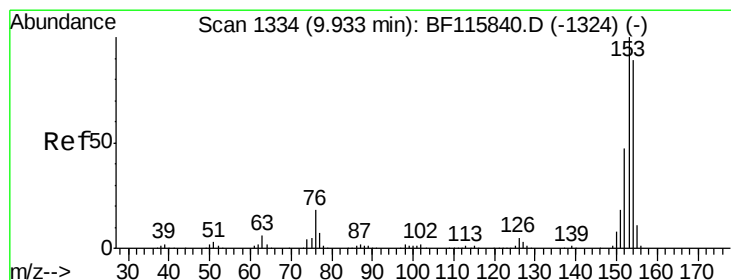
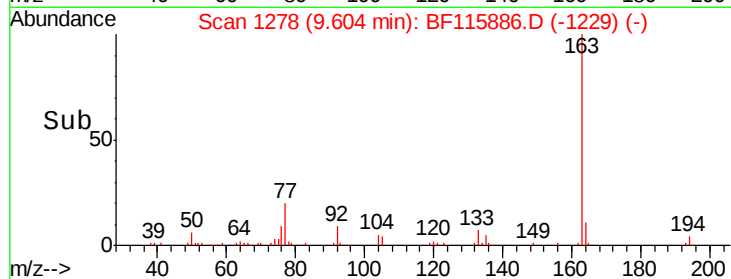
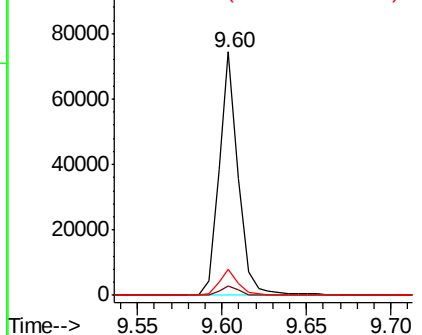
Tot Ion	Ratio	Resp	Lower	Upper
163	100	58493		
194	3.9		3.0	4.6
164	10.5		8.4	12.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

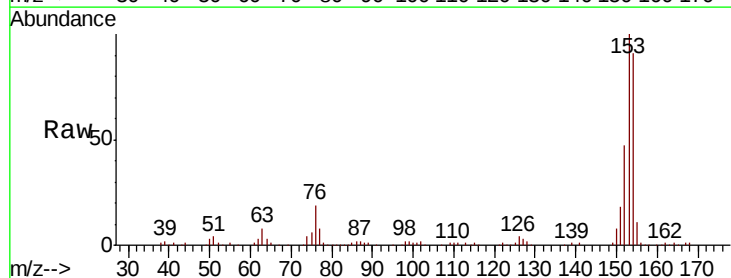


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

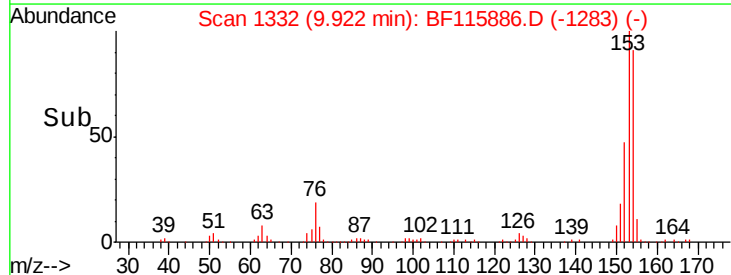
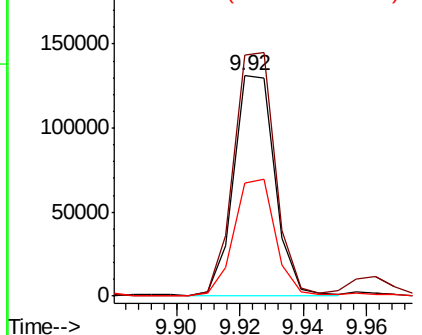


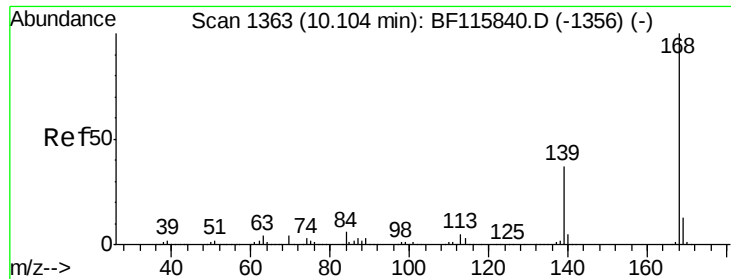
#52
Acenaphthene
Concen: 9.489 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	116785		
153	109.7		90.1	135.1
152	51.6		42.6	63.8



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





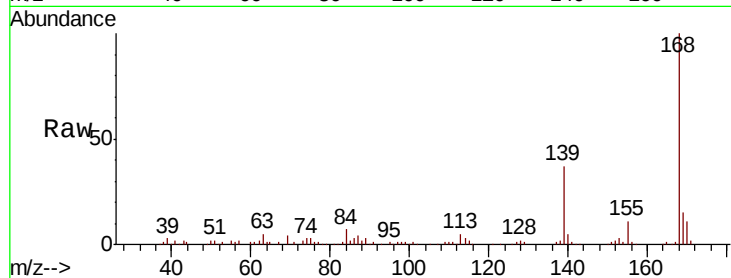
#55
Dibenzenofuran
Concen: 5.266 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.2
169	15.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

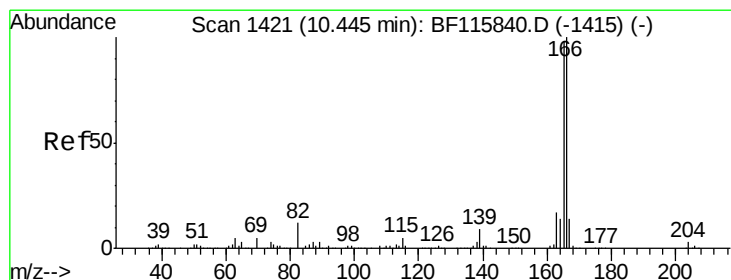
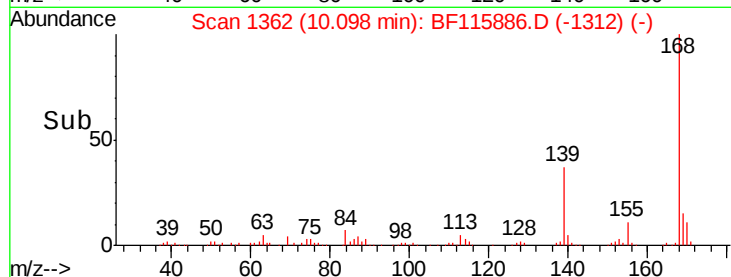
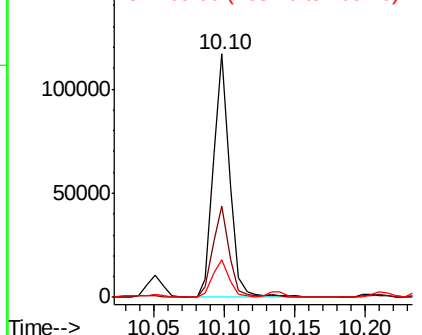


Abundance

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: 8.916 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

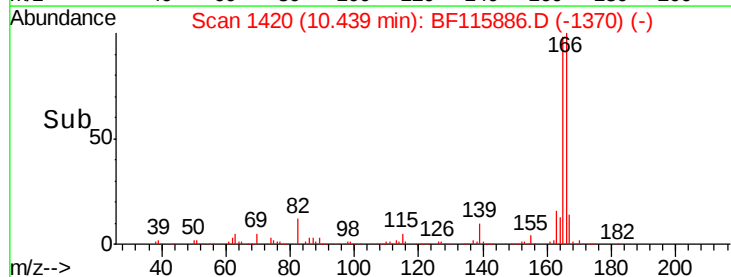
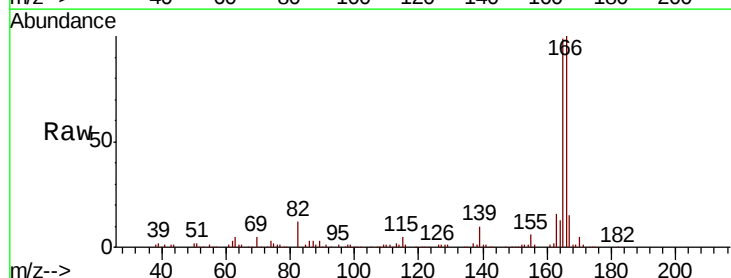
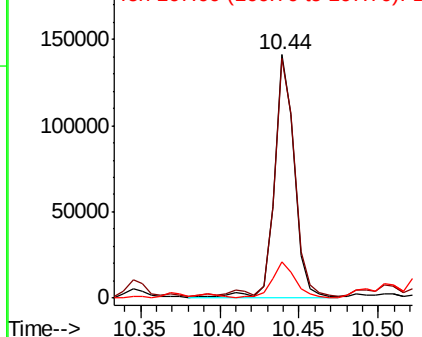
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	118.0
167	14.9	10.9	16.3

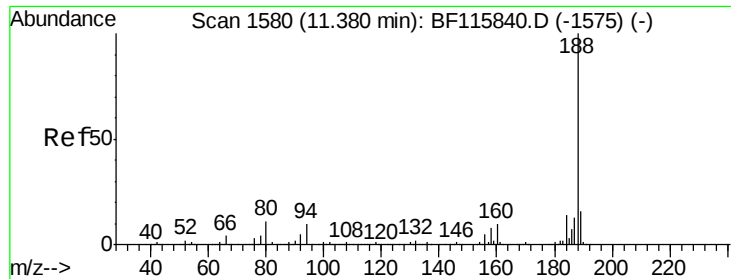
Abundance

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





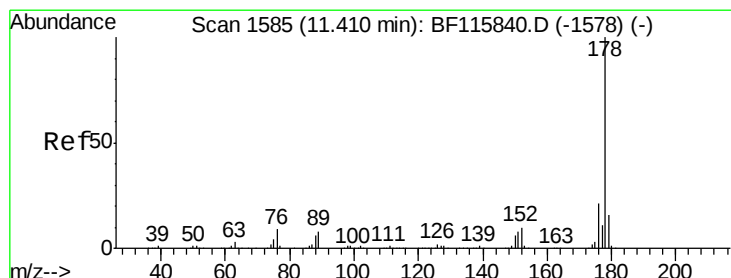
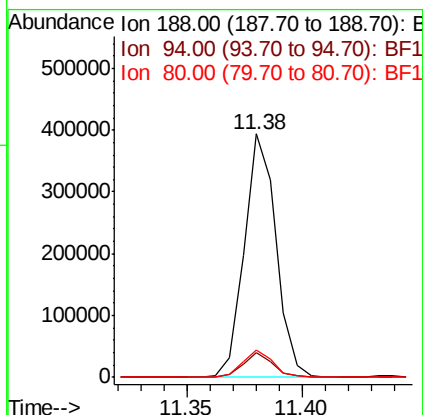
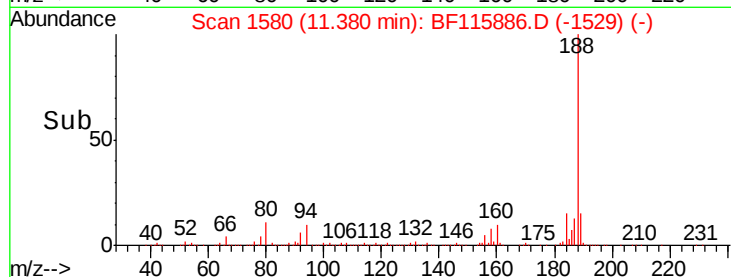
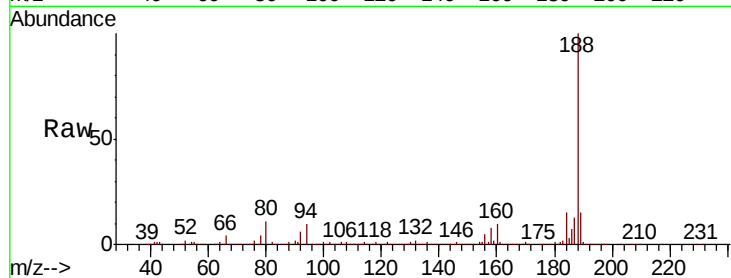
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	378098		
94	10.1		8.0	12.0
80	11.1		8.6	12.8

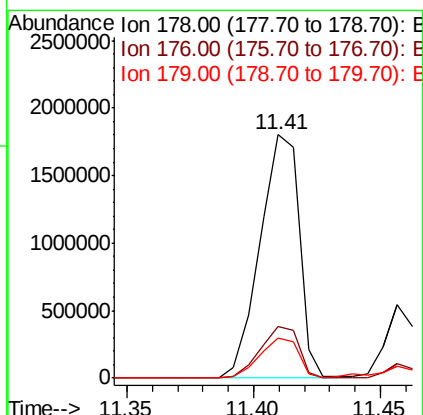
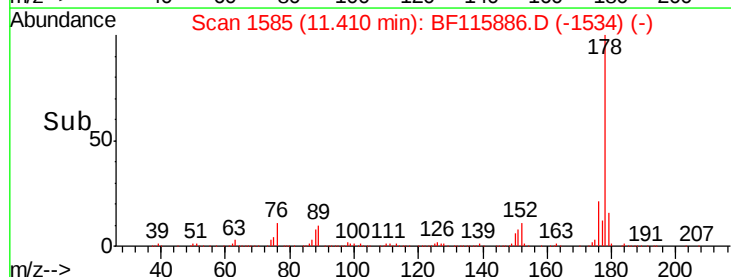
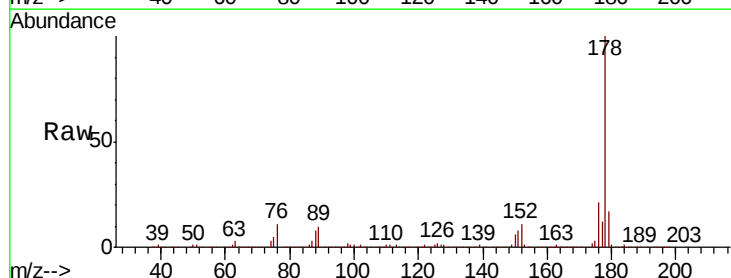
Manual Integrations
APPROVED

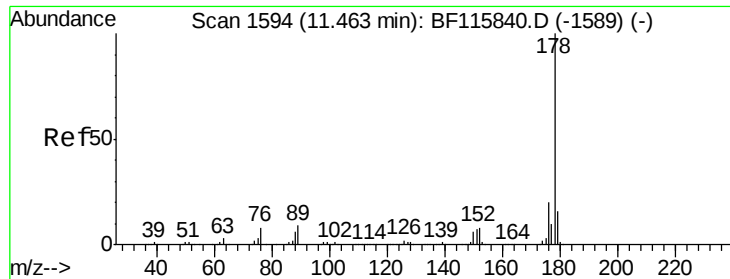
mohammad
8/1/2019 5:07:15 PM



#71
Phenanthrene
Concen: 100.303 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1938770		
176	21.2		16.5	24.7
179	16.5		12.6	18.8





#72

Anthracene

Concen: 22.515 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Instrument :

BNA_F

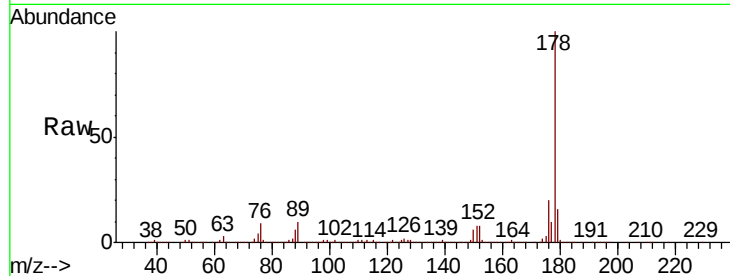
ClientSampled :

SP-3

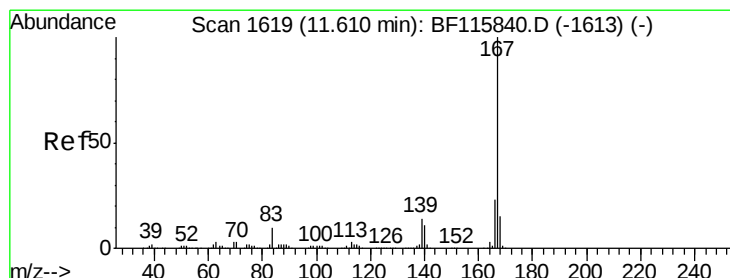
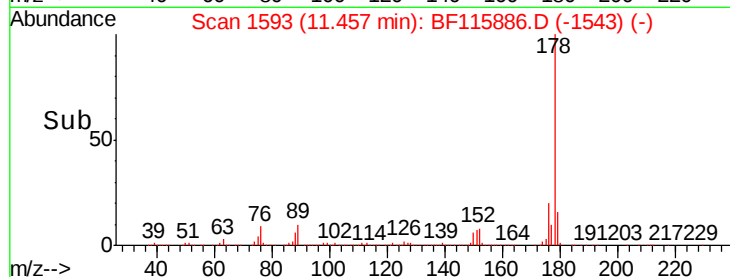
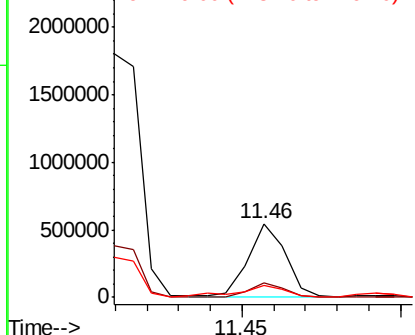
Tot Ion:	178	Resp:	440442
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.7	23.5
179	16.2	12.4	18.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM



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: 7.925 ng

RT: 11.61 min Scan# 1619

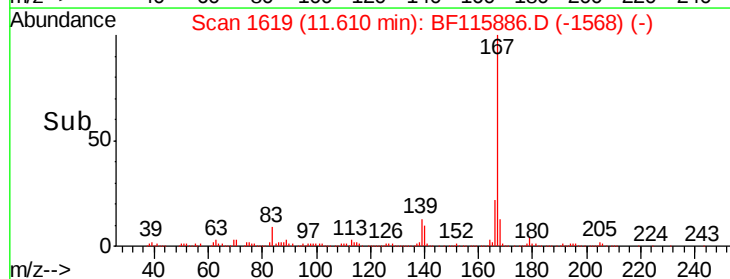
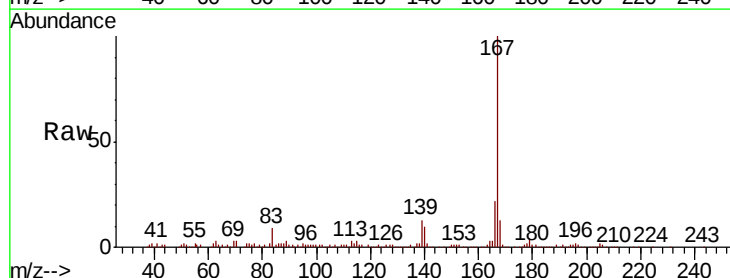
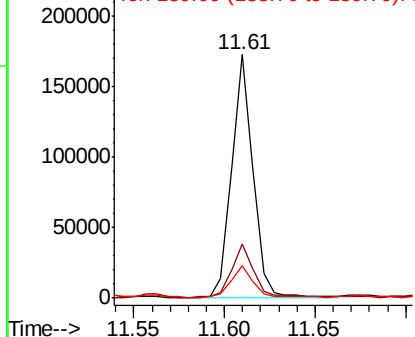
Delta R.T. 0.00 min

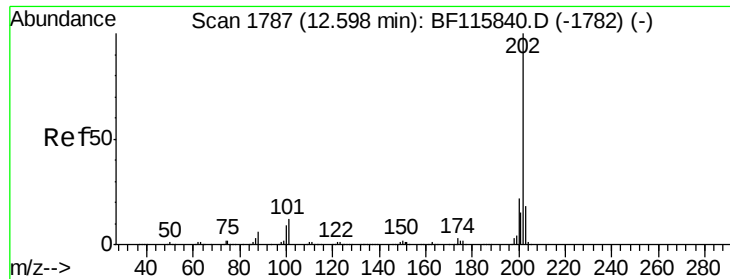
Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Tgt Ion:	167	Resp:	140642
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.0	27.0
139	13.5	11.4	17.2

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 106.994 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Instrument :

BNA_F

ClientSampled :

SP-3

Tot Ion:202 Resp: 2165098

Ion Ratio Lower Upper

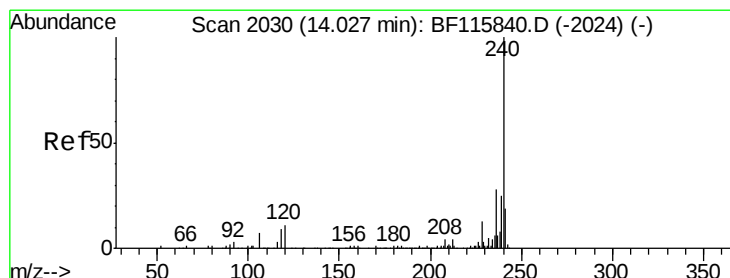
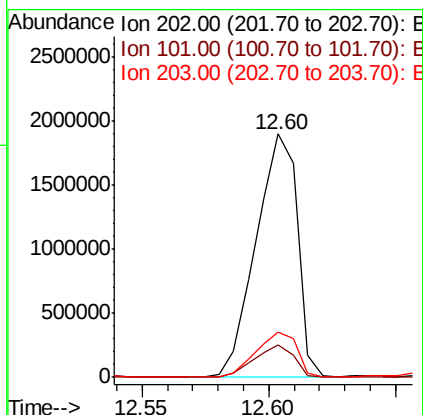
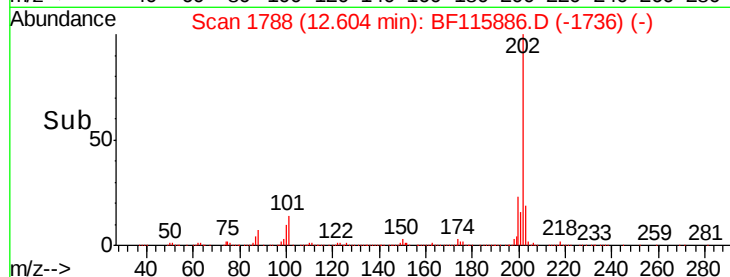
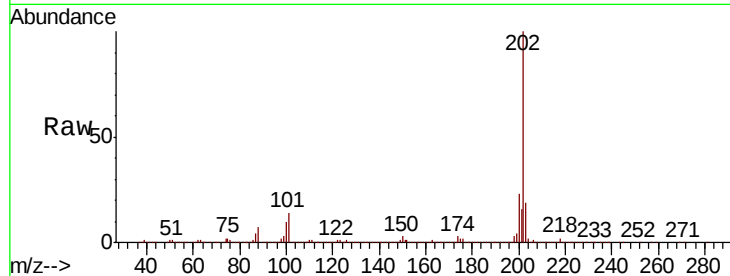
202 100

101 13.6 0.0 31.5

203 18.7 0.0 37.9

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

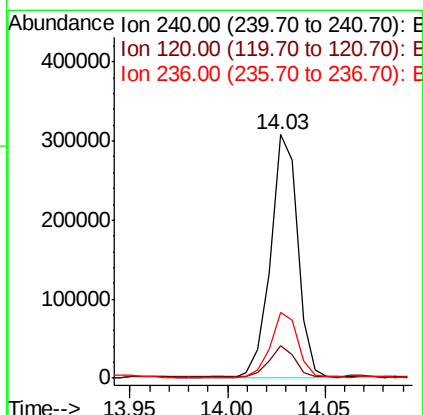
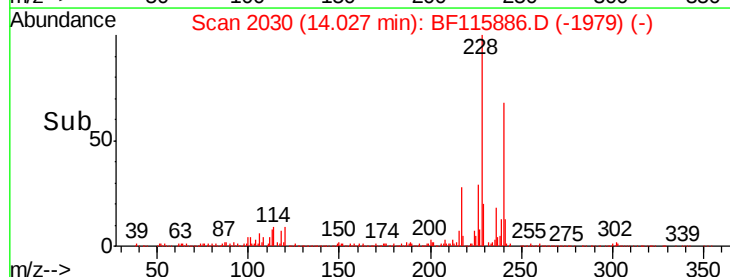
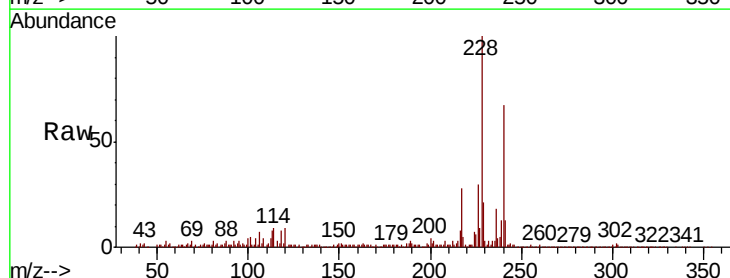
Tgt Ion:240 Resp: 297230

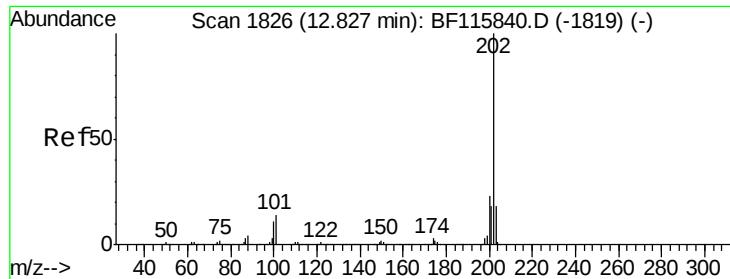
Ion Ratio Lower Upper

240 100

120 13.2 8.5 12.7#

236 26.8 22.2 33.2





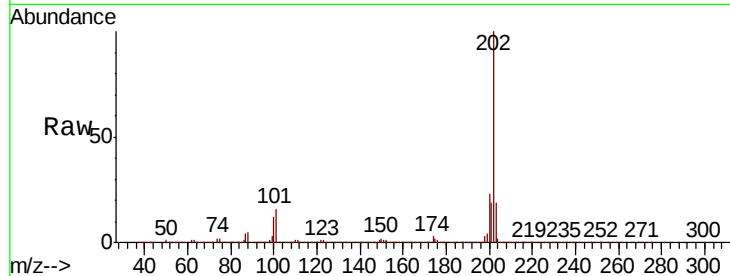
#78
Pvrene
Concen: 100.616 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	18.9	14.3	21.5

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

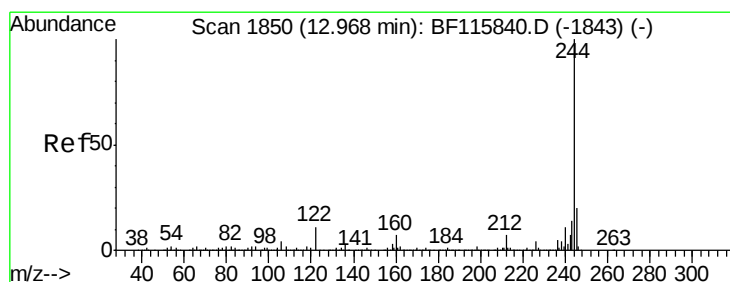
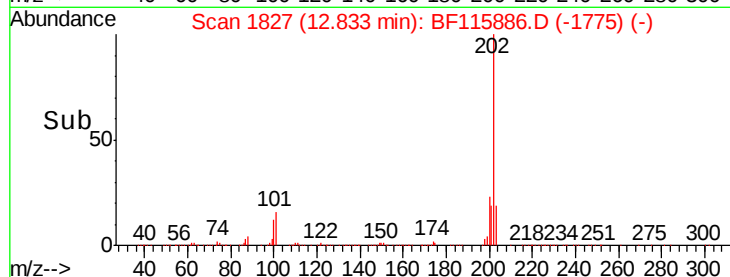
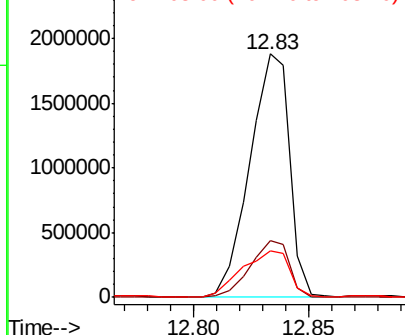


Abundance

Ion 202.00 (201.70 to 202.70): E

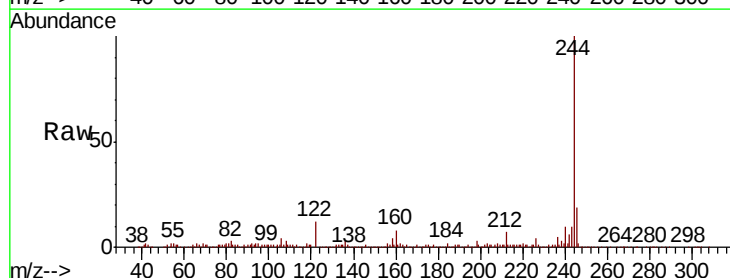
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 29.510 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.8	8.6	13.0

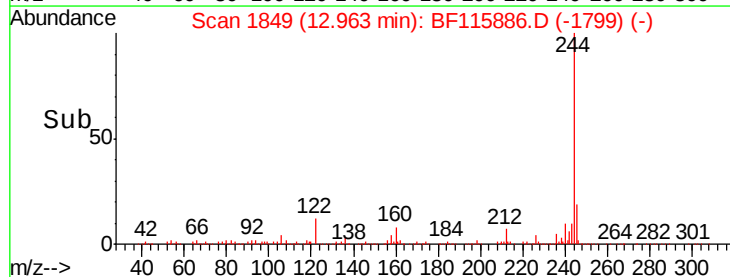
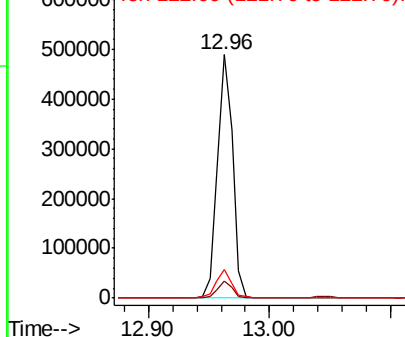


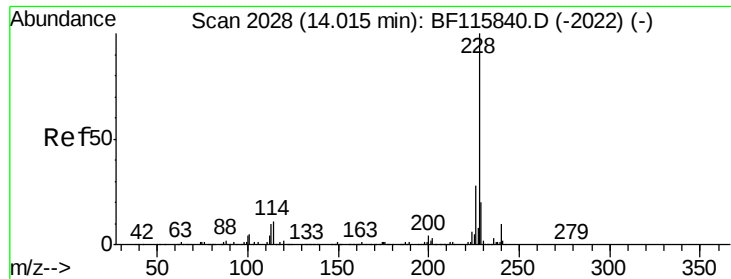
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





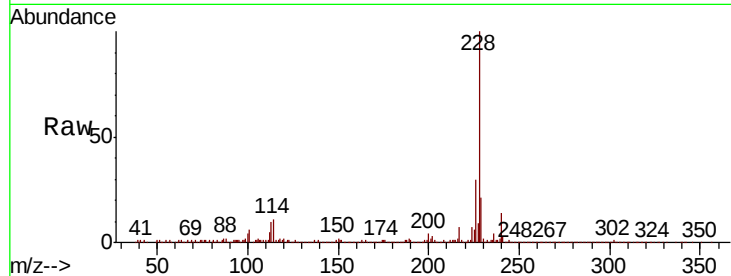
#81
Benzo(a)anthracene
Concen: 58.888 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.5	33.7
229	20.8	16.1	24.1

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

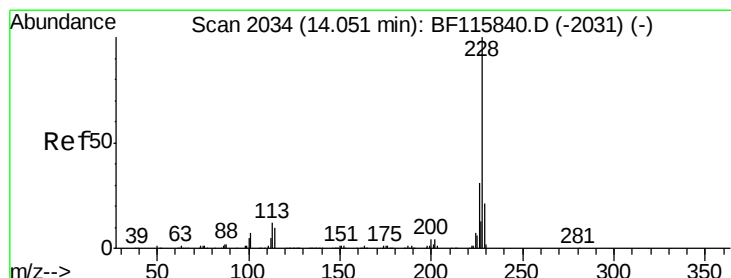
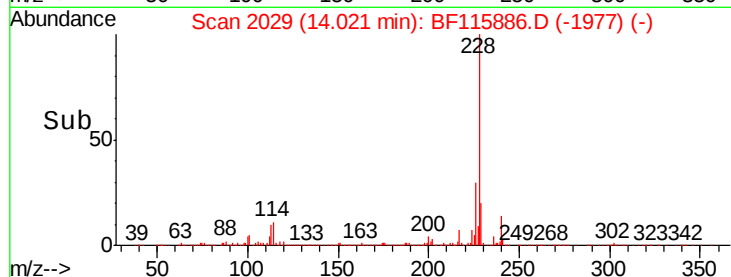
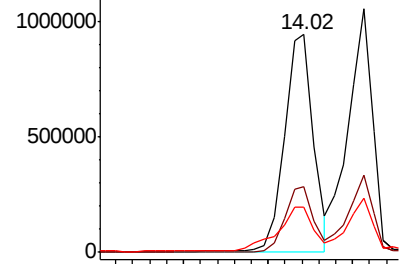


Abundance

Ion 228.00 (227.70 to 228.70): E

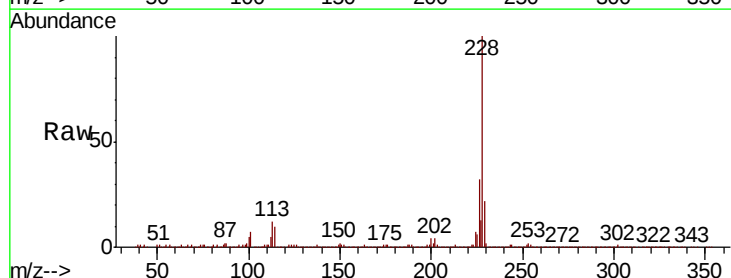
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 57.190 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	22.4	16.4	24.6

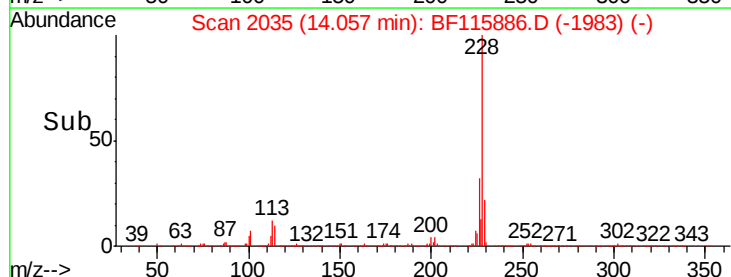
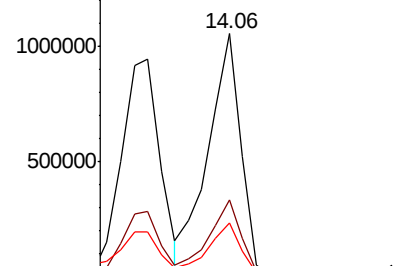


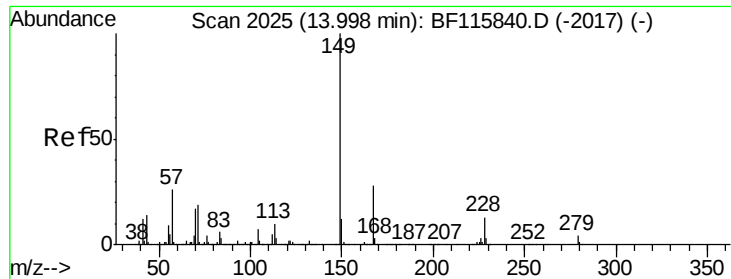
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.067 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Instrument :

BNA_F

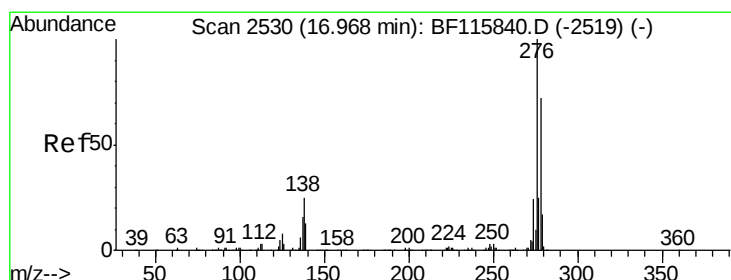
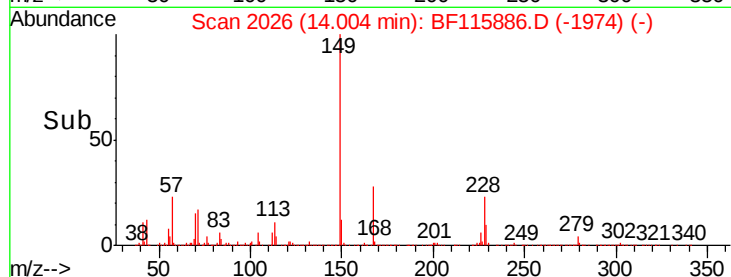
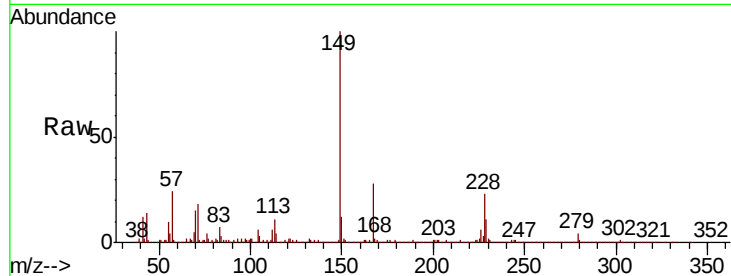
ClientSampleId :

SP-3

Tot Ion:	149	Resp:	616633
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.4	33.6
279	4.5	3.3	4.9

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 25.278 ng

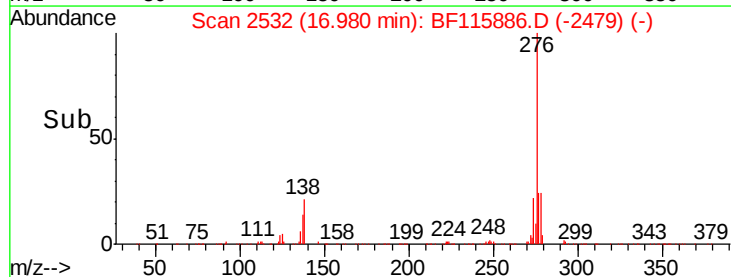
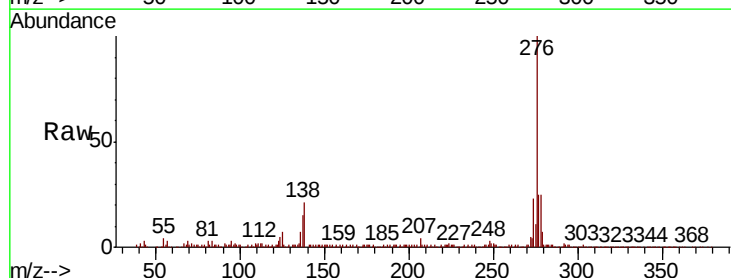
RT: 16.98 min Scan# 2532

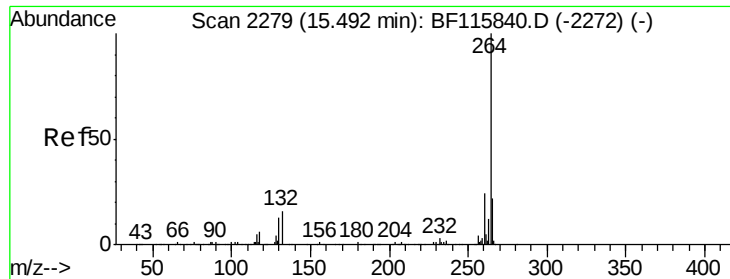
Delta R.T. 0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Tgt Ion:	276	Resp:	391574
Ion Ratio	Lower	Upper	
276	100		
138	22.0	19.6	29.4
277	24.4	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

Instrument :

BNA_F

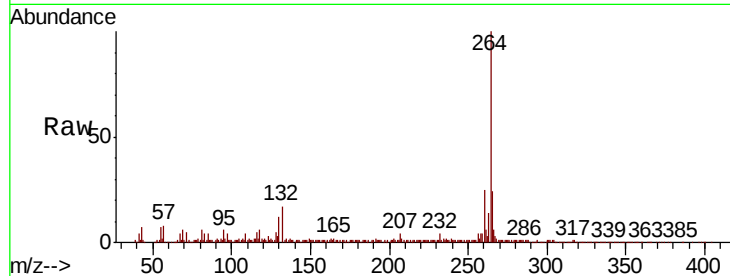
ClientSampleId :

SP-3

Tot Ion:	264	Resp:	294464
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.4	29.2
265	23.9	17.5	26.3

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM

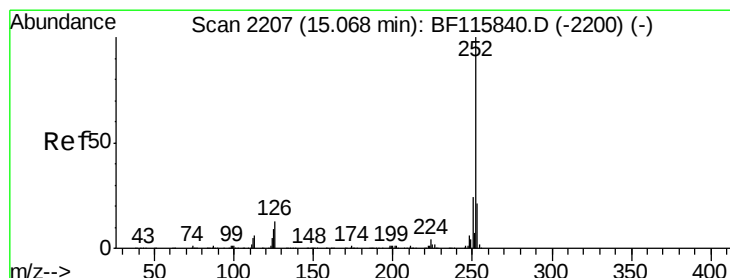
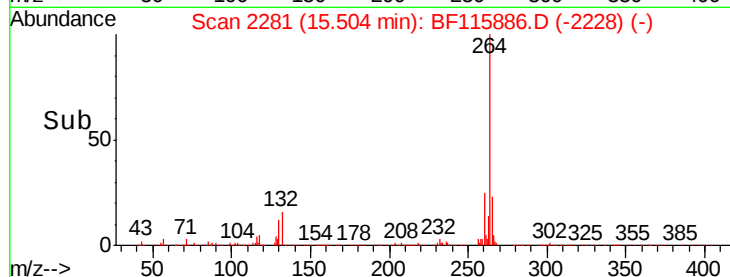
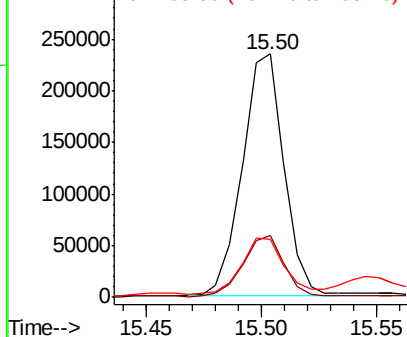


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 64.982 ng m

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF115886.D

Acq: 1 Aug 2019 00:19

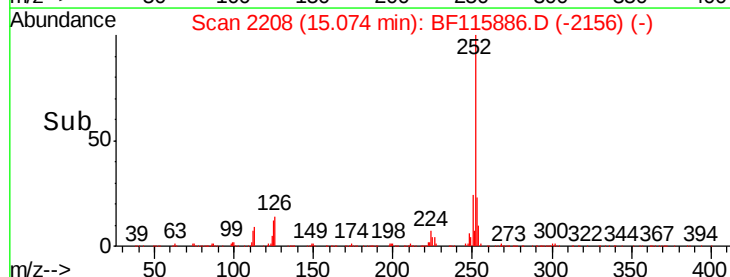
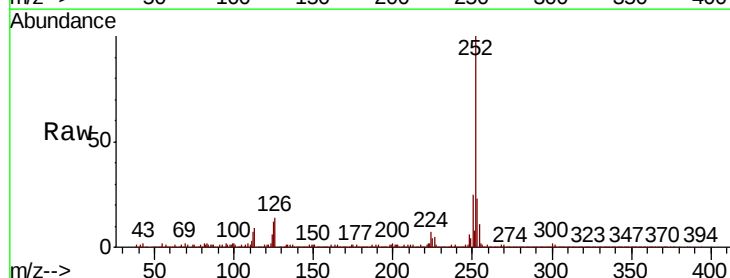
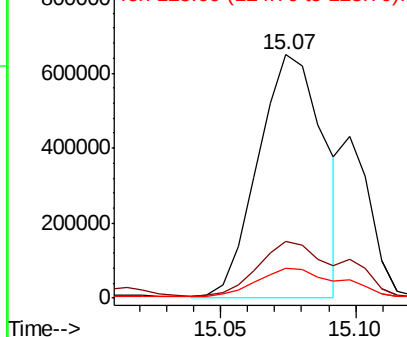
Tgt Ion:	252	Resp:	1106403
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	12.2	7.4	11.0#

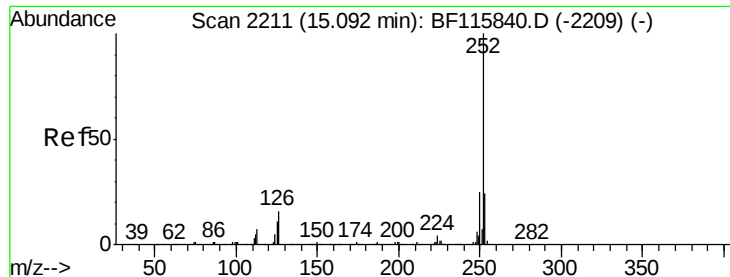
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





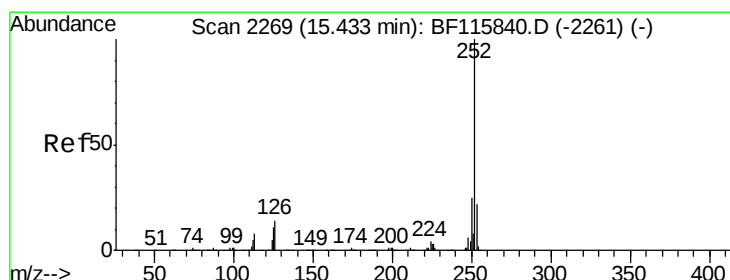
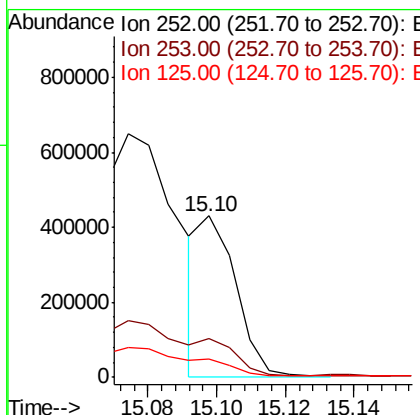
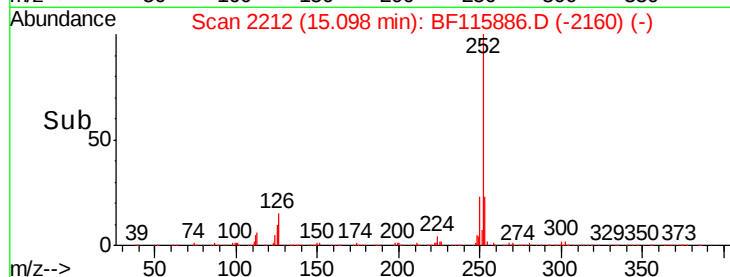
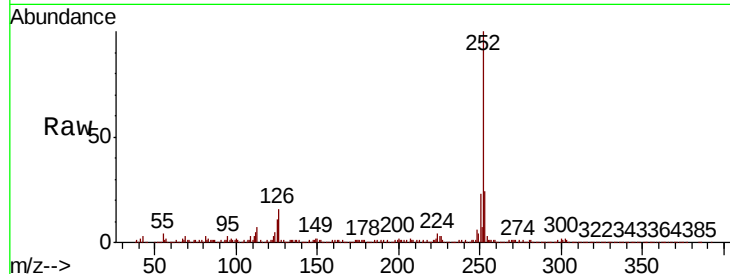
#89
Benzo(k)fluoranthene
Concen: 18.937 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	11.4	8.9	13.3

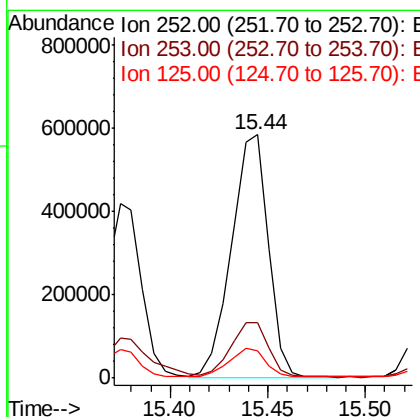
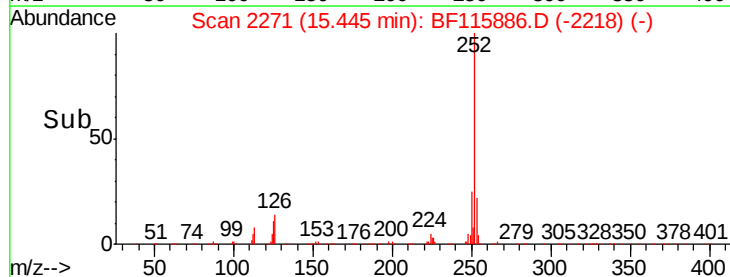
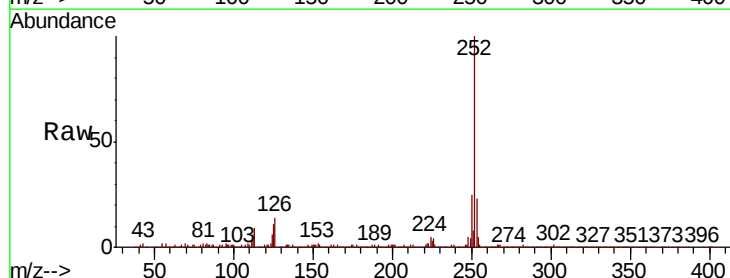
Manual Integrations
APPROVED

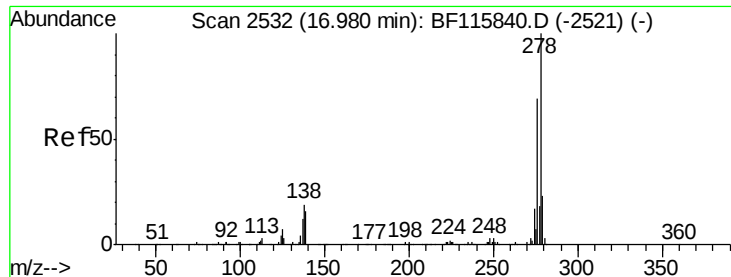
mohammad
8/1/2019 5:07:15 PM



#90
Benzo(a)pyrene
Concen: 49.879 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.4	8.8	13.2





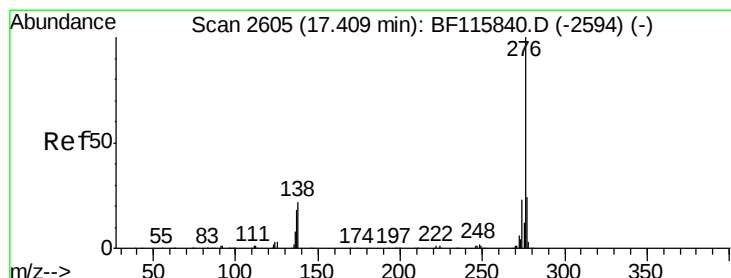
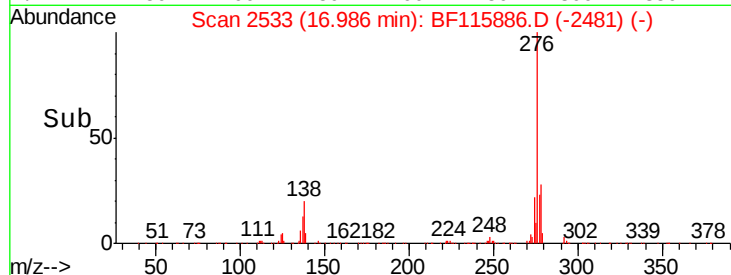
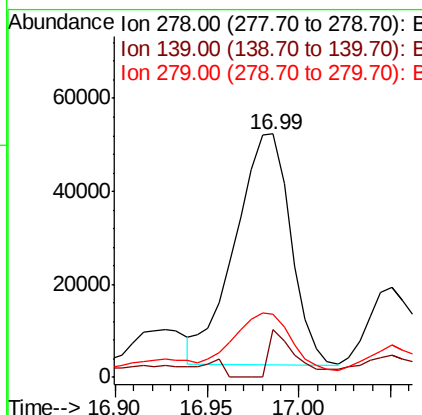
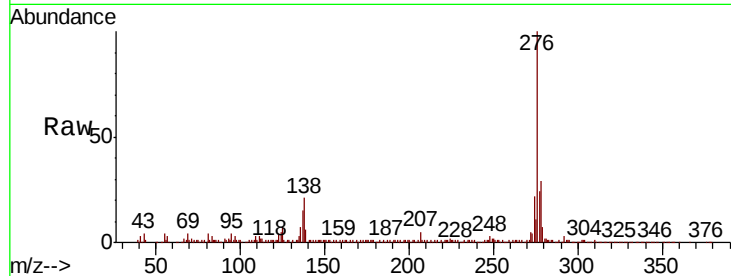
#91
Dibenzo(a,h)anthracene
Concen: 7.932 ng m
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.6	19.0#
279	26.1	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:07:15 PM



#92
Benzo(g,h,i)perylene
Concen: 29.734 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115886.D
Acq: 1 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	22.4	17.8	26.8

