

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118472.D
 Acq On : 3 Jan 2020 22:26
 Operator : JU
 Sample : K6471-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC-123019-2-5-COMP-B8

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:44:19 AM

Quant Time: Jan 04 01:28:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70090	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	255377	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	117230	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	234967	20.00	ng	0.00
76) Chrysene-d12	14.04	240	172018	20.00	ng	0.00
87) Perylene-d12	15.53	264	197314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	314294	76.54	ng	0.00
7) Phenol-d6	6.49	99	390645	76.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	243835	54.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	111382	76.94	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	427607	55.68	ng	-0.01
79) Terphenyl-d14	12.97	244	450425	43.44	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	13184	2.303	ng	Qvalue # 76
50) Dimethylphthalate	9.61	163	37862	4.303	ng	100
75) Fluoranthene	12.61	202	42656	3.300	ng	95
78) Pyrene	12.84	202	42680	3.038	ng	98
81) Benzo(a)anthracene	14.03	228	27190	2.258	ng	98
83) Chrysene	14.07	228	25494	2.211	ng	94
88) Benzo(b)fluoranthene	15.10	252	31855m	2.432	ng	
90) Benzo(a)pyrene	15.47	252	23326	2.022	ng	Qvalue # 70

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

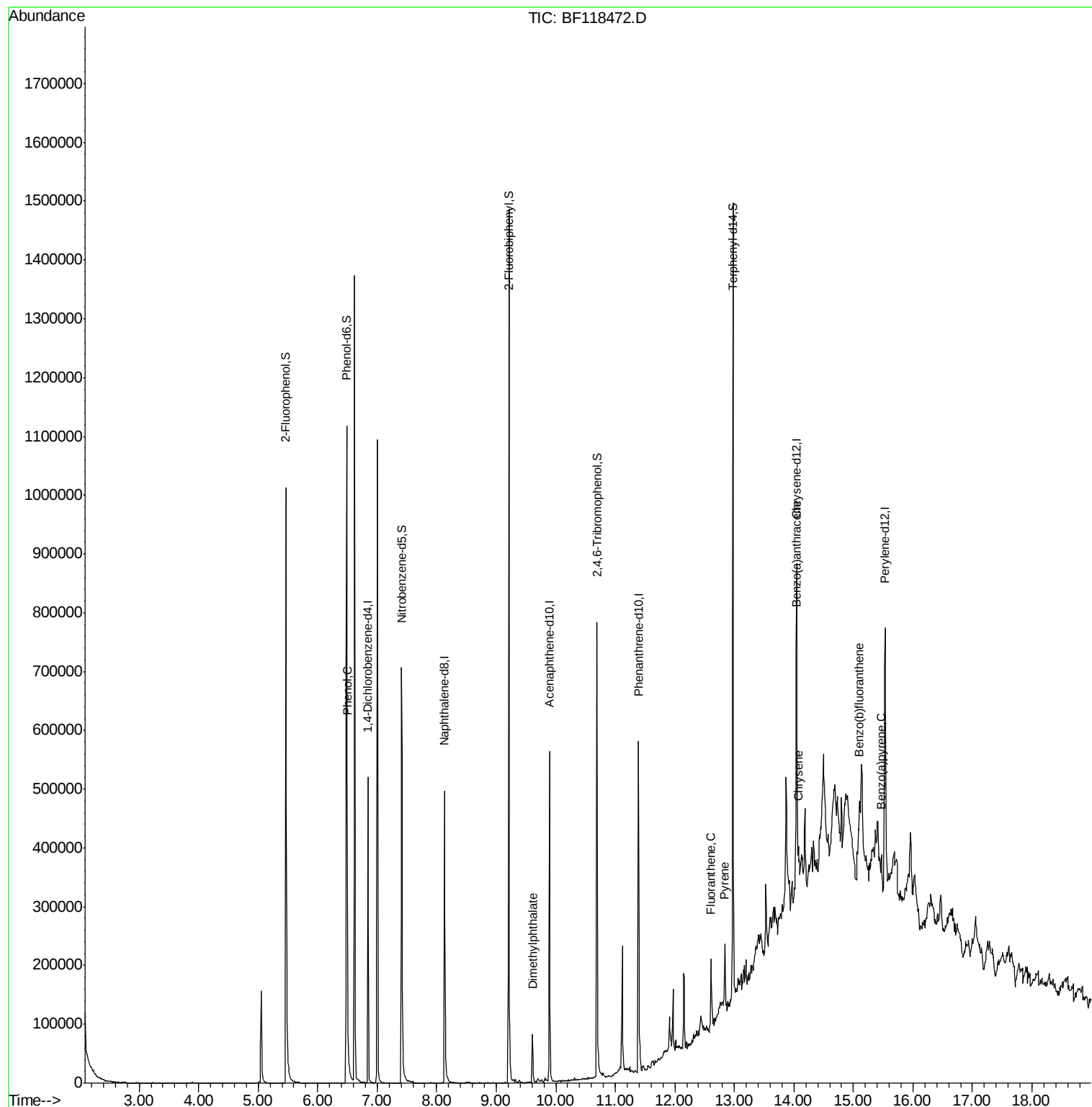
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118472.D
Acq On : 3 Jan 2020 22:26
Operator : JU
Sample : K6471-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

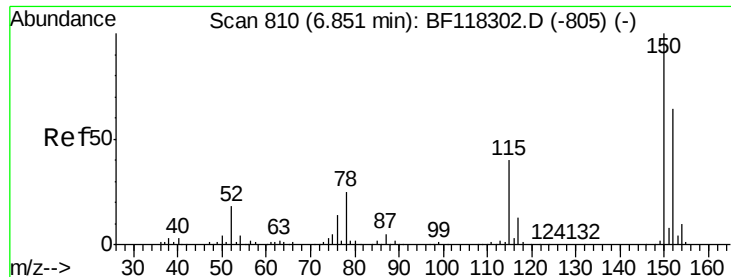
Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 AM

Quant Time: Jan 04 01:28:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration





#1

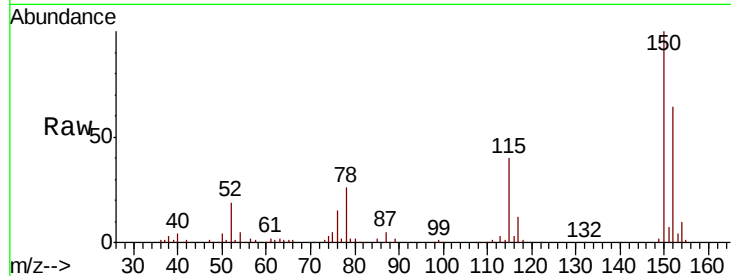
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.2
115	61.6	50.2	75.4

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 AM

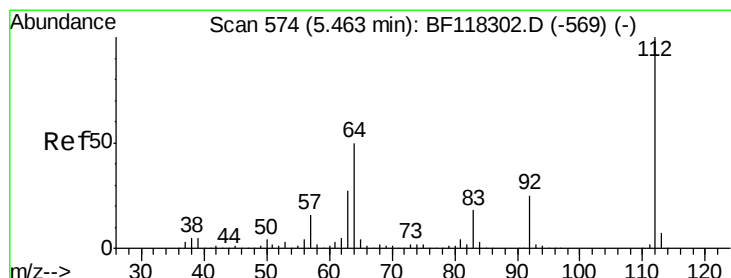
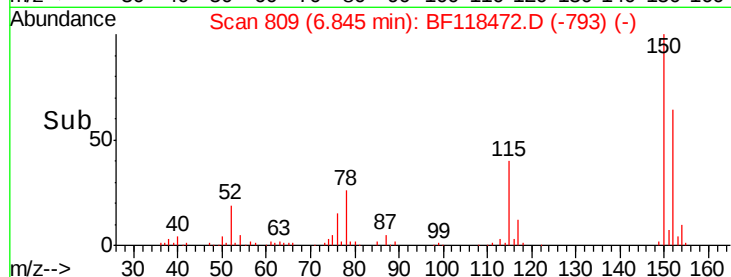
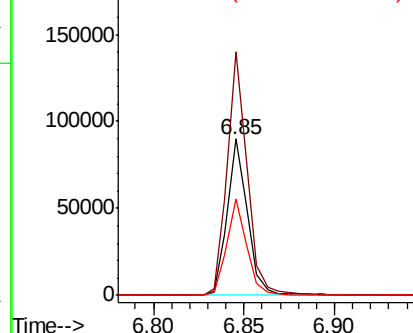


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

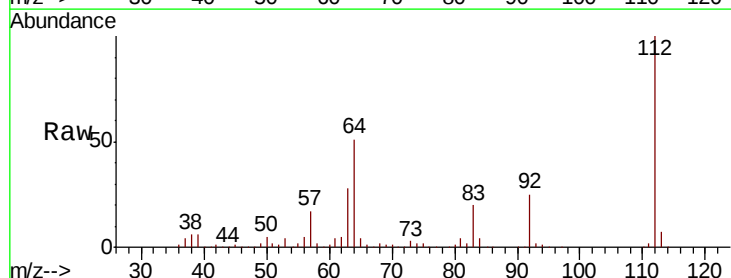
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.544 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.7	59.5
63	27.8	21.7	32.5

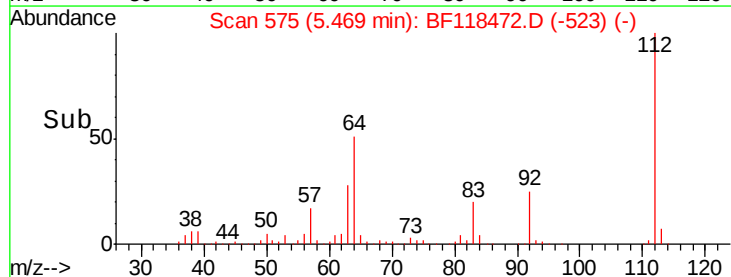
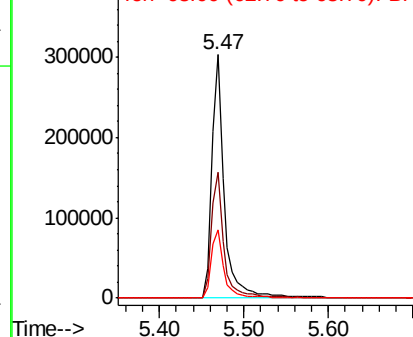


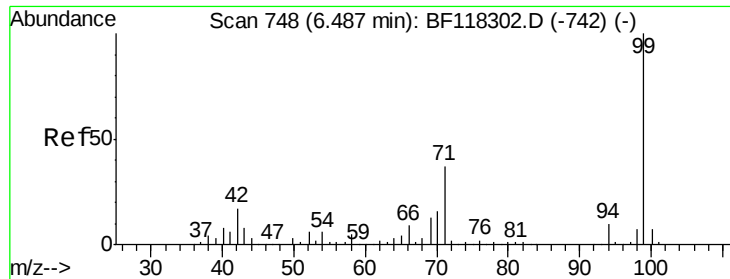
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.692 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118472.D

Acq: 3 Jan 2020 22:26

Instrument :

BNA_F

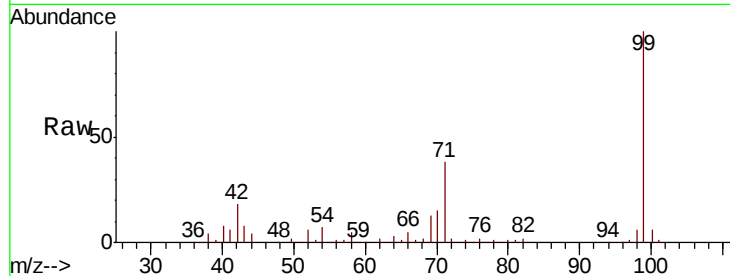
ClientSampleId :

MC-123019-2-5-COMP-B8

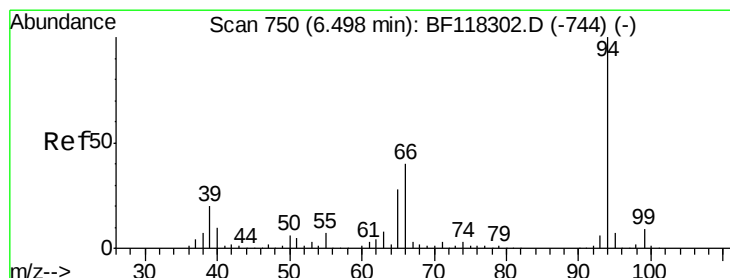
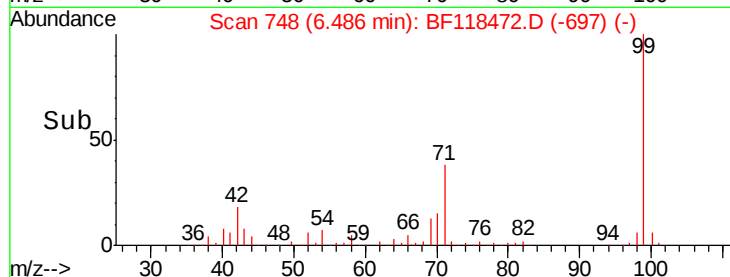
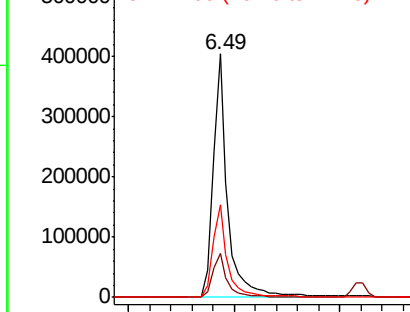
Tot Ion:	99	Resp:	390645
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.5	20.3
71	38.2	29.4	44.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 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



#10

Phenol

Concen: 2.303 ng

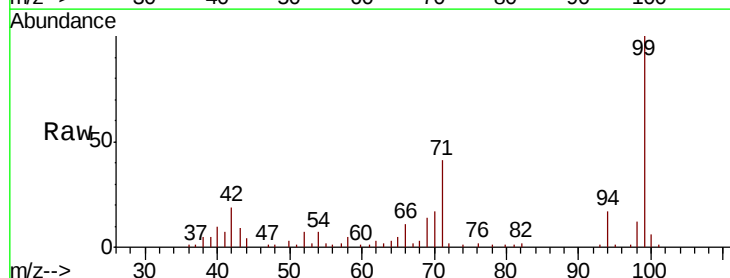
RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

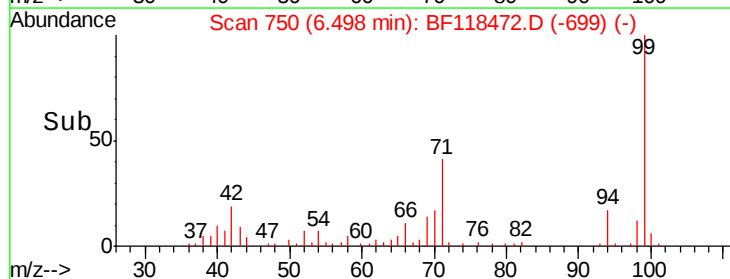
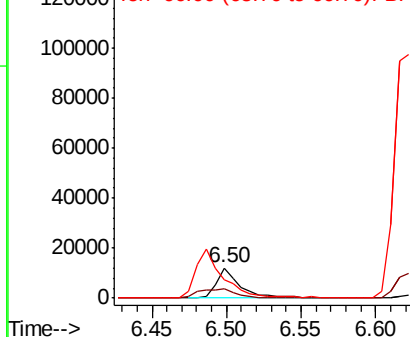
Lab File: BF118472.D

Acq: 3 Jan 2020 22:26

Tgt Ion:	94	Resp:	13184
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.8	47.8
66	62.9	20.4	60.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





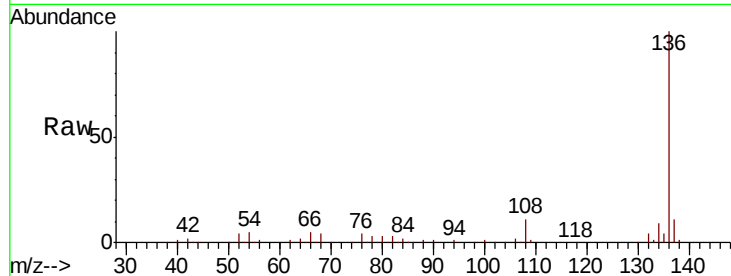
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

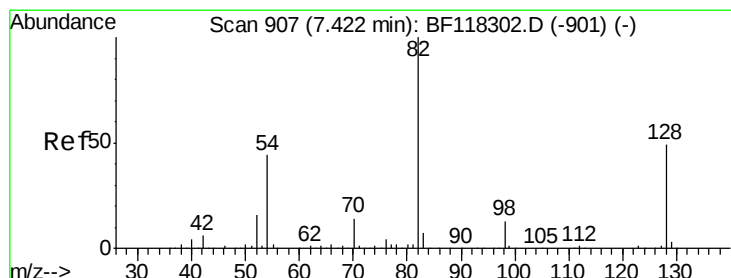
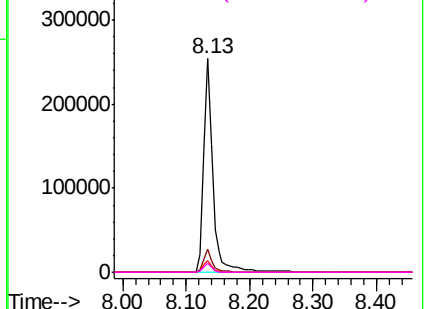
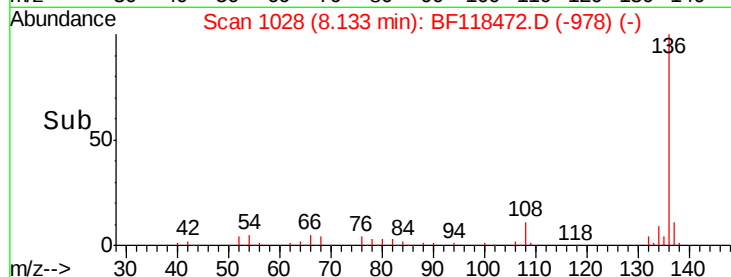
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	5.2	4.2	6.4	
68	4.4	3.5	5.3	

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 AM

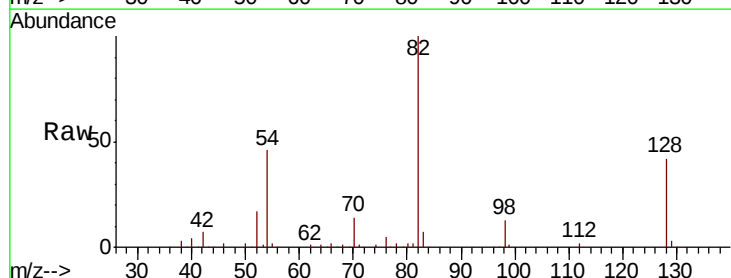


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

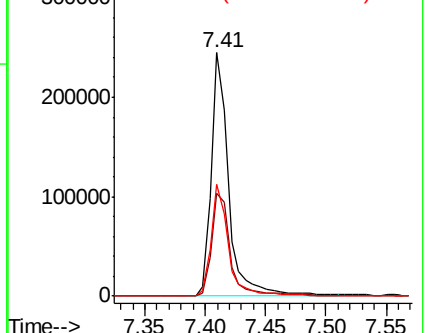
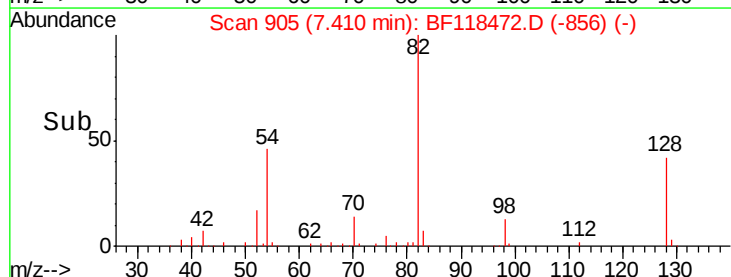


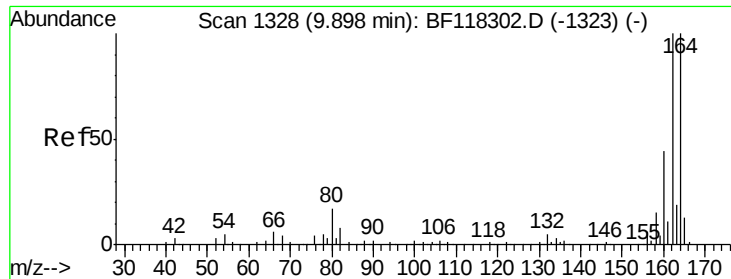
#23
Nitrobenzene-d5
Concen: 54.610 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.5	39.6	59.4	
54	45.7	34.9	52.3	



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





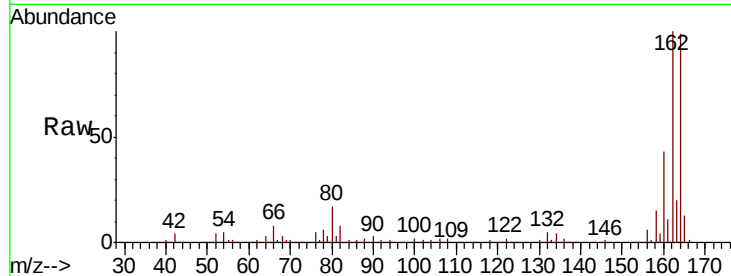
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.0	120.0
160	43.3	34.8	52.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 AM

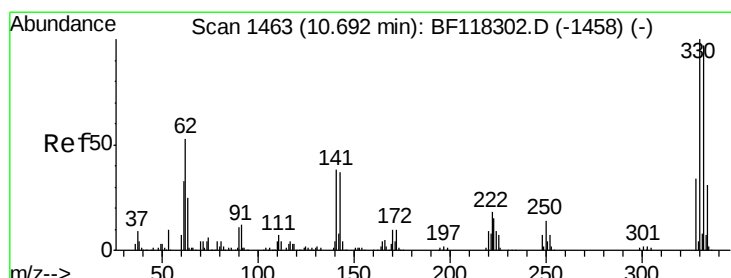
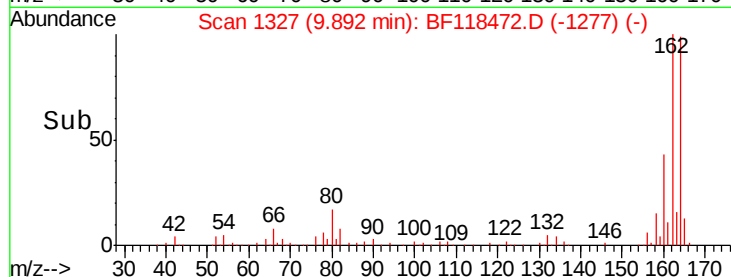
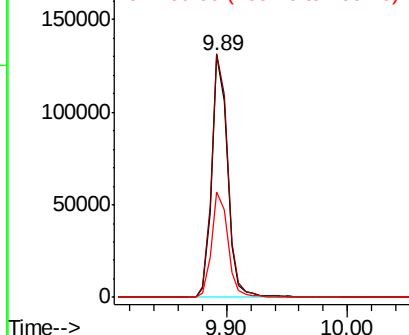


Abundance

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: 76.937 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

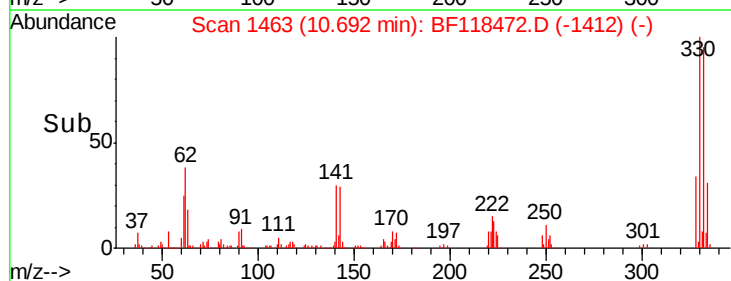
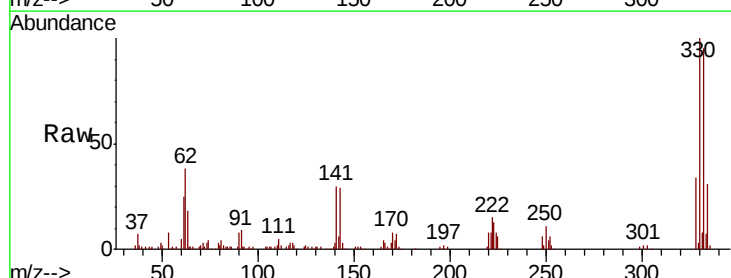
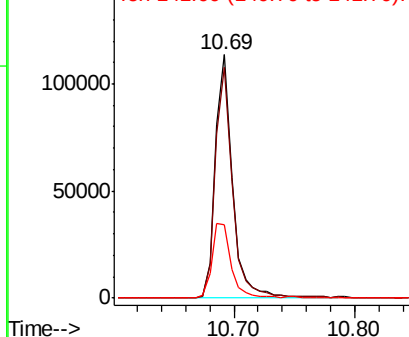
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.6	26.0	39.0

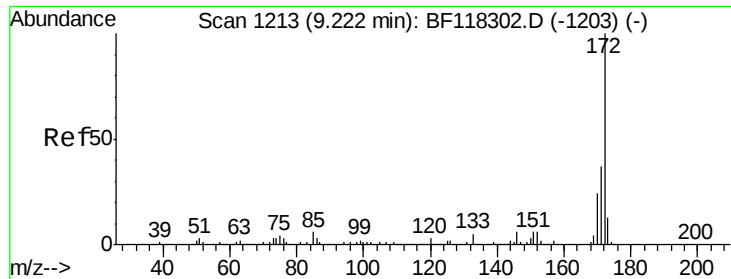
Abundance

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





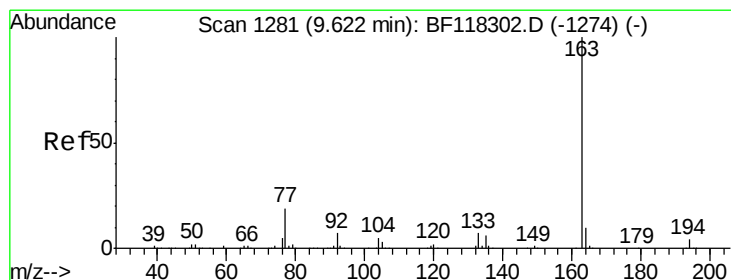
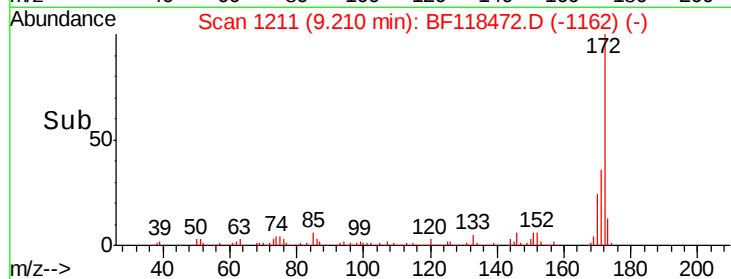
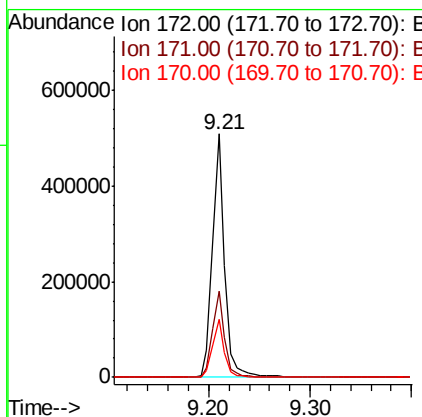
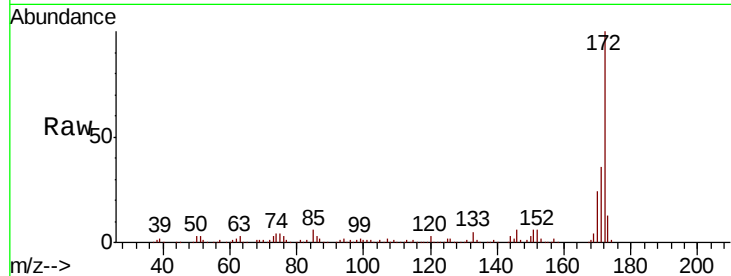
#45
2-Fluorobiphenyl
Concen: 55.679 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.6	19.2	28.8

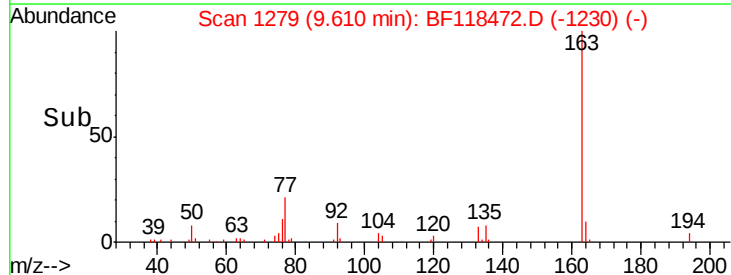
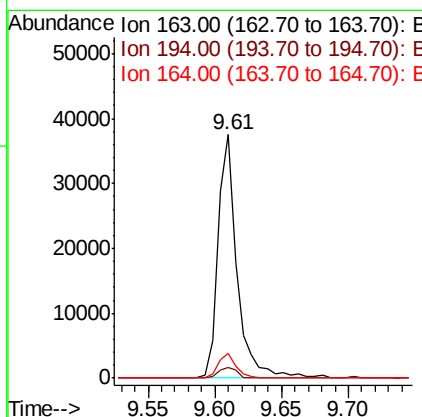
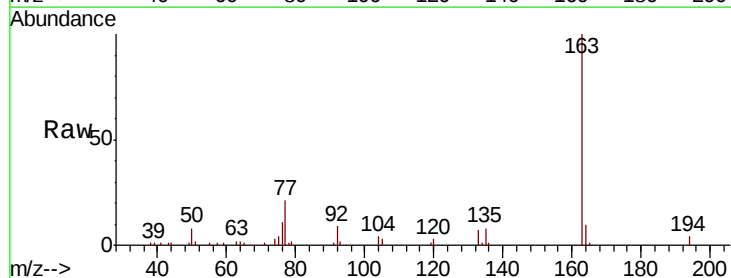
Manual Integrations
APPROVED

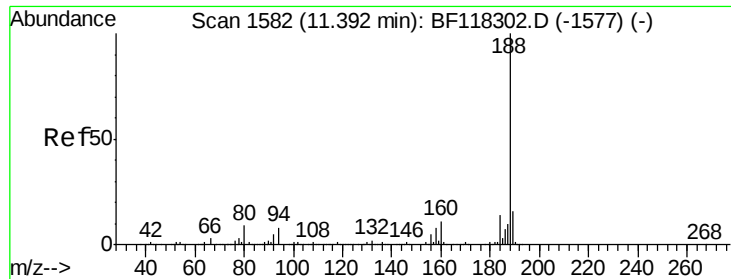
mohammad
1/6/2020 11:44:19 AM



#50
Dimethylphthalate
Concen: 4.303 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	7.9	11.9





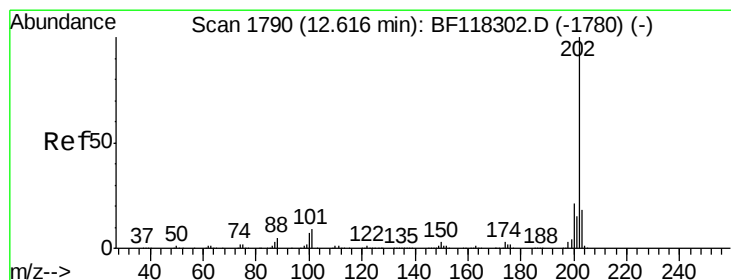
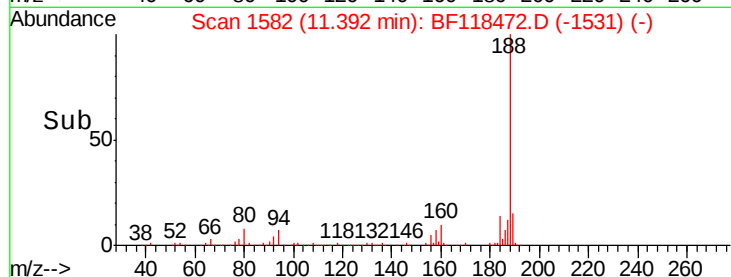
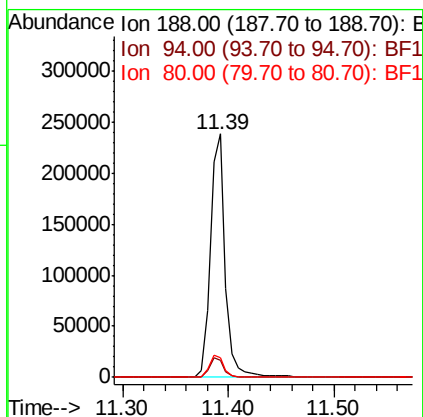
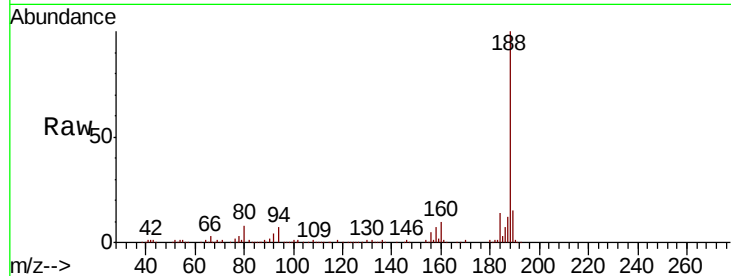
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Resp	Lower	Upper
188	100	234967		
94	7.1		6.7	10.1
80	8.2		7.2	10.8

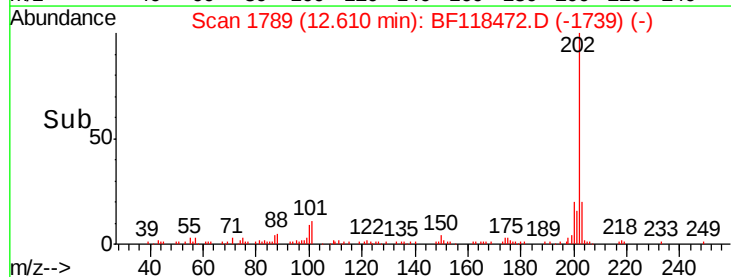
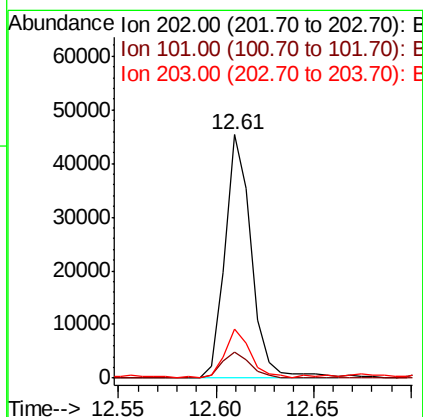
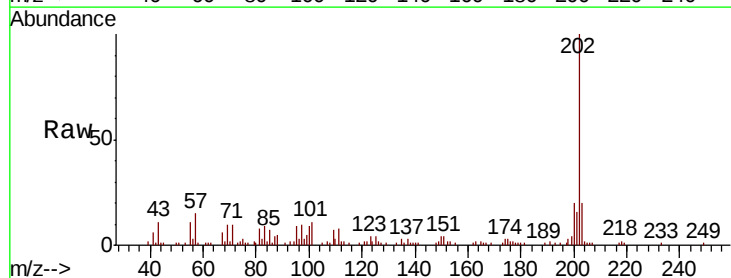
Manual Integrations
APPROVED

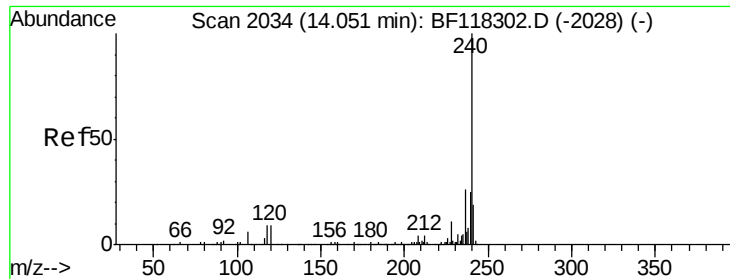
mohammad
1/6/2020 11:44:19 AM



#75
Fluoranthene
Concen: 3.300 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42656		
101	10.8		0.0	29.5
203	20.1		0.0	37.6





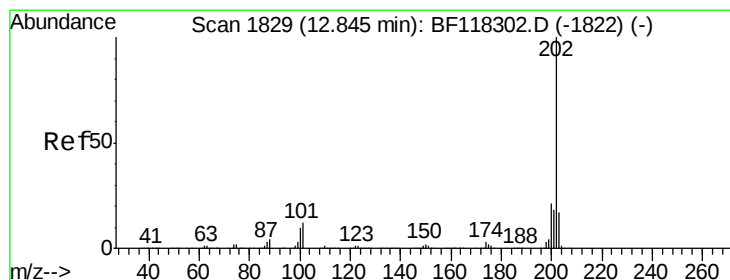
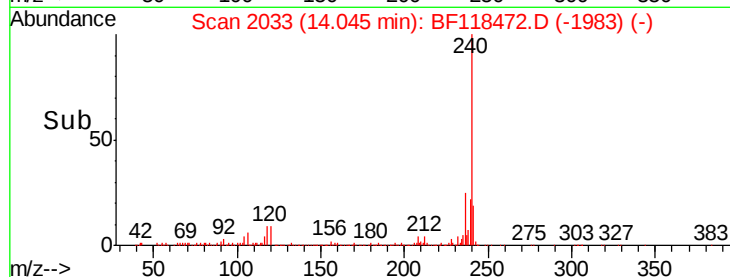
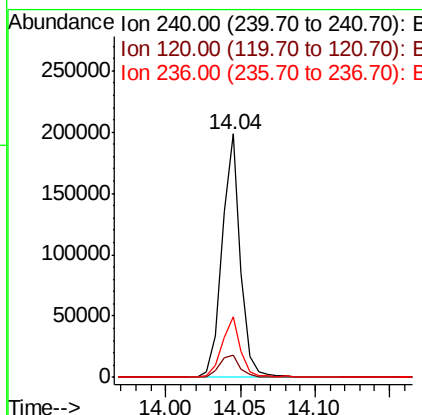
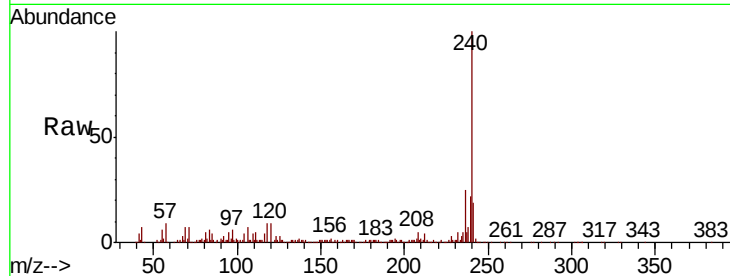
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.1	10.7
236	25.1	21.0	31.6

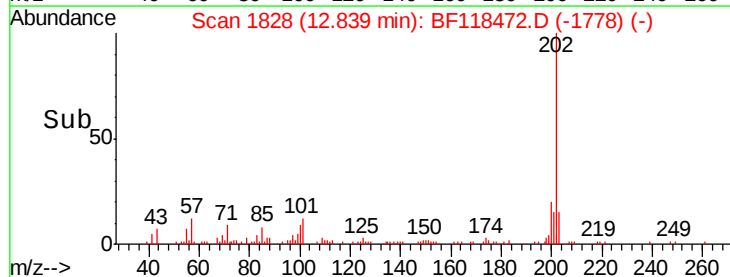
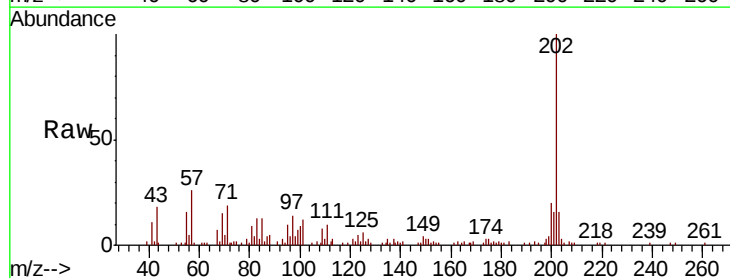
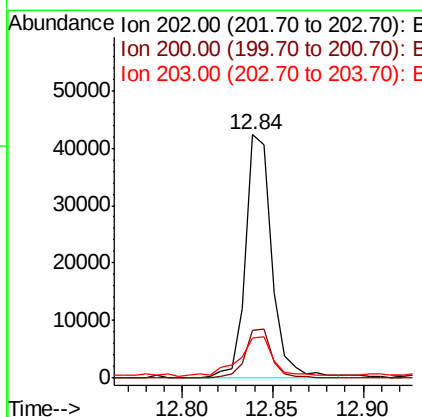
Manual Integrations
APPROVED

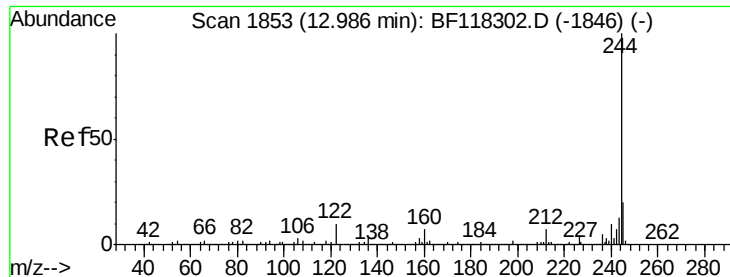
mohammad
1/6/2020 11:44:19 AM



#78
Pyrene
Concen: 3.038 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	16.4	13.9	20.9





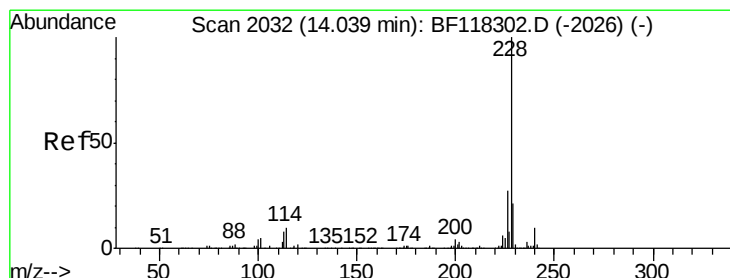
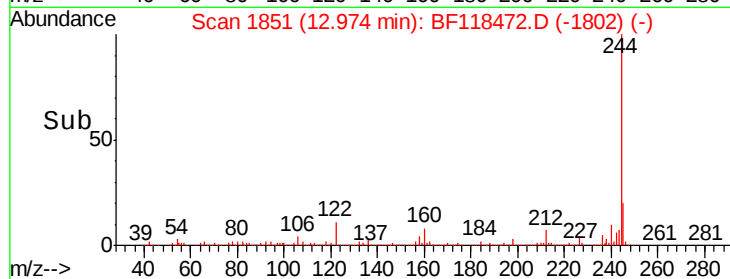
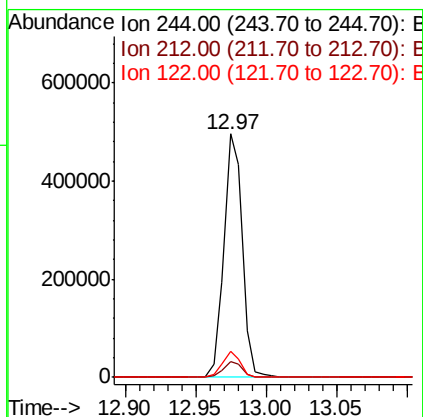
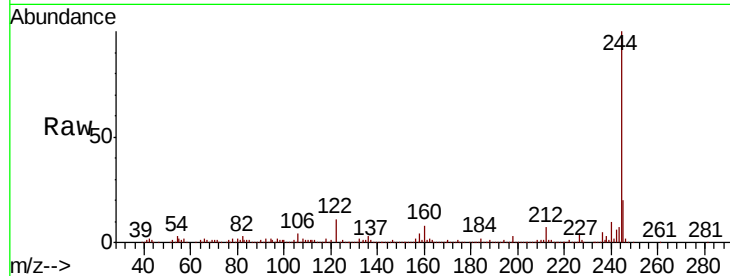
#79
 Terphenyl-d14
 Concen: 43.441 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF118472.D
 Acq: 3 Jan 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.4	8.2	
122	10.9	7.8	11.8	

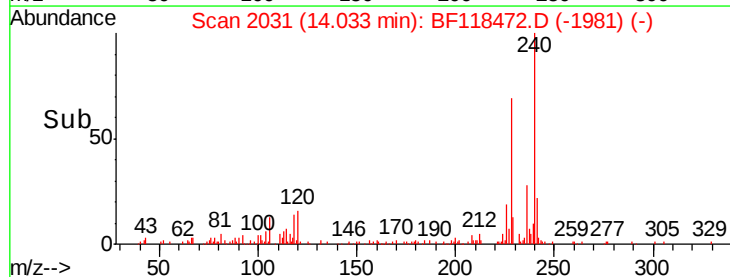
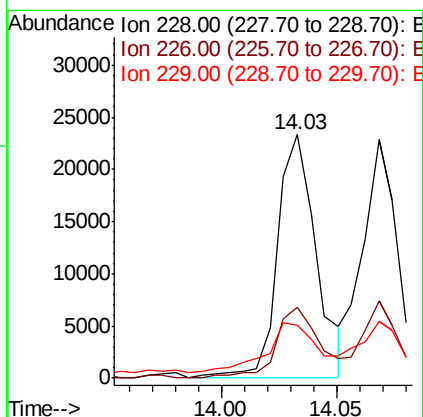
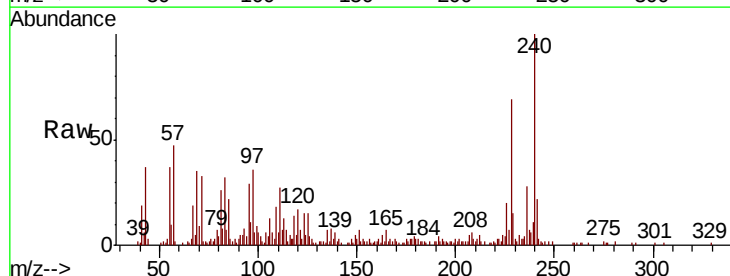
Manual Integrations
 APPROVED

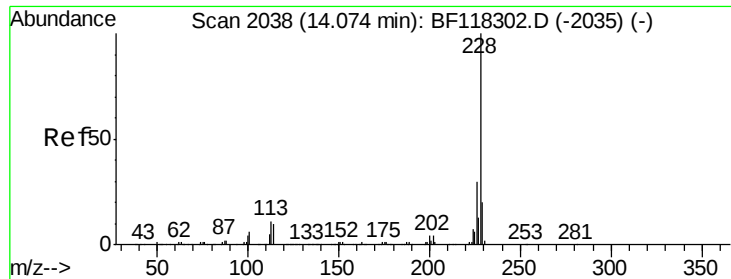
mohammad
 1/6/2020 11:44:19 AM



#81
 Benzo(a)anthracene
 Concen: 2.258 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118472.D
 Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	22.0	33.0	
229	21.6	16.6	24.8	





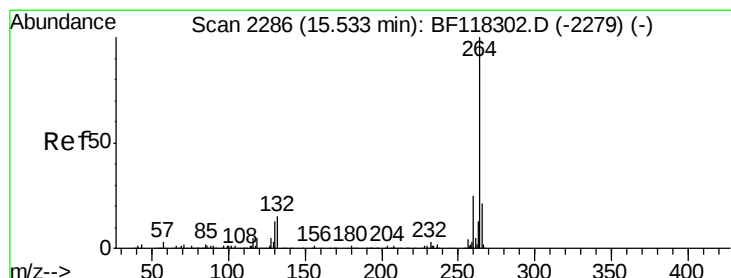
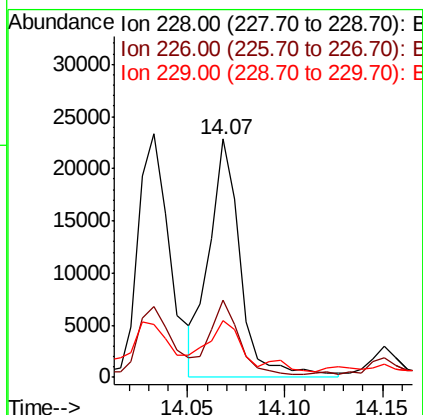
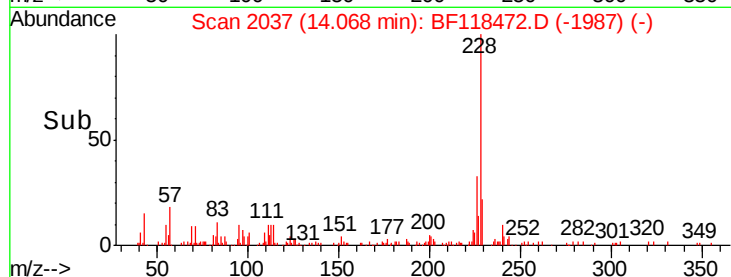
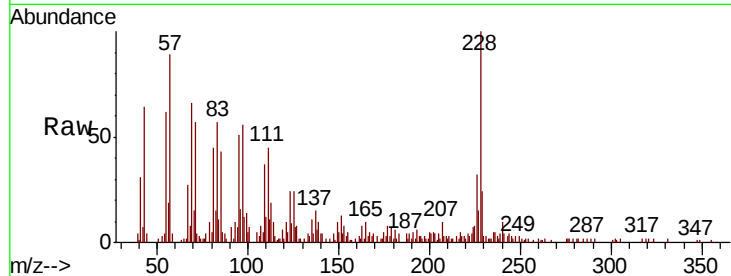
#83
Chrysene
Concen: 2.211 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	23.9	16.1	24.1

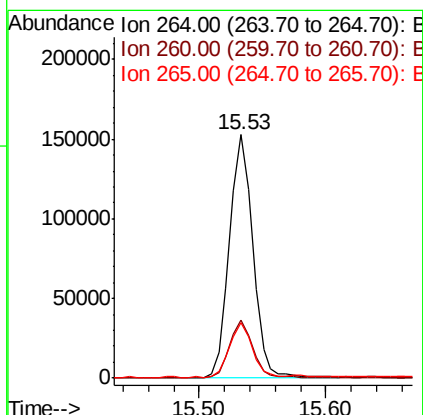
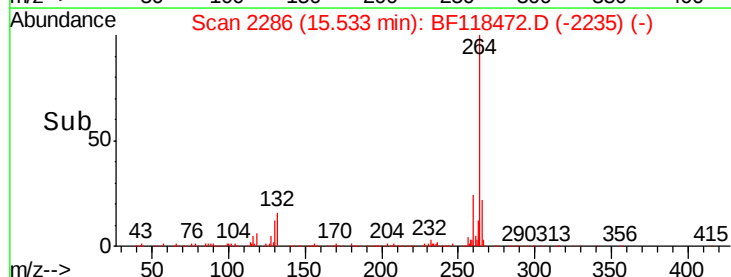
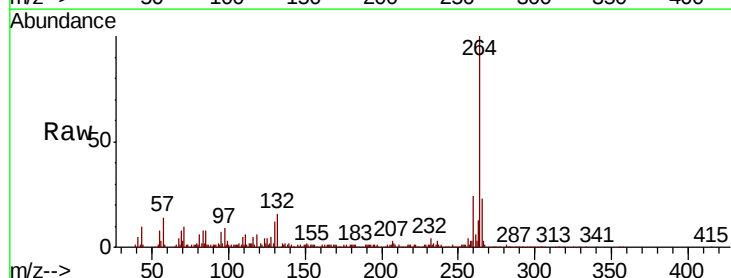
Manual Integrations
APPROVED

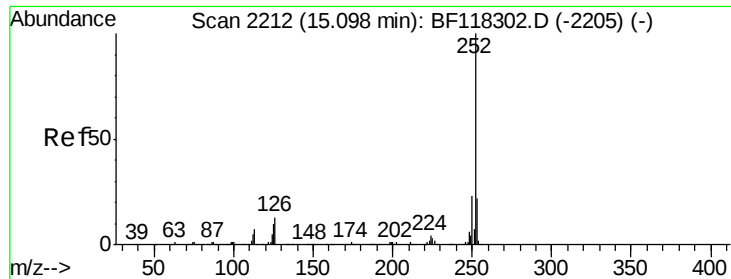
mohammad
1/6/2020 11:44:19 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.7	17.0	25.4





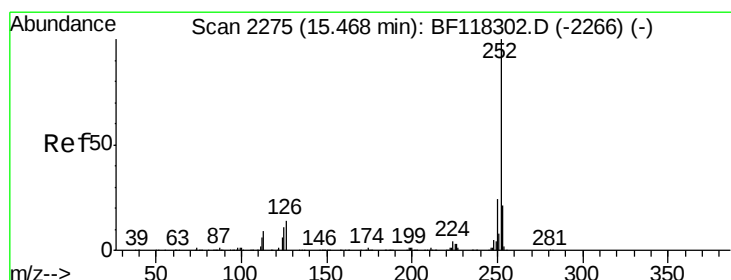
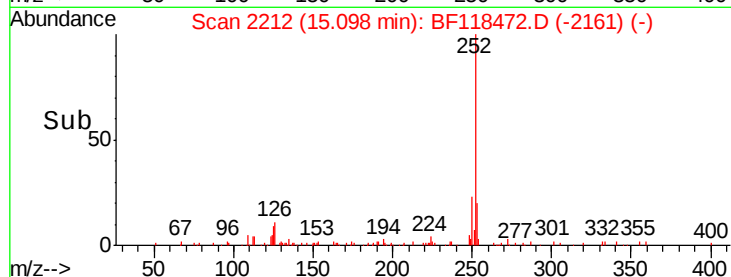
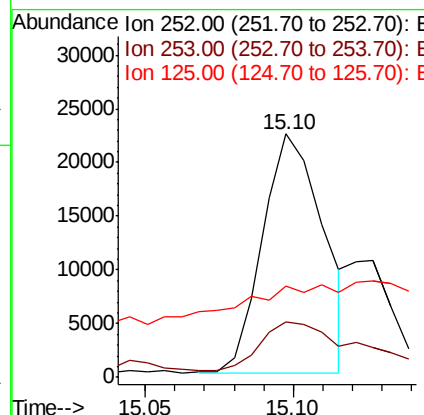
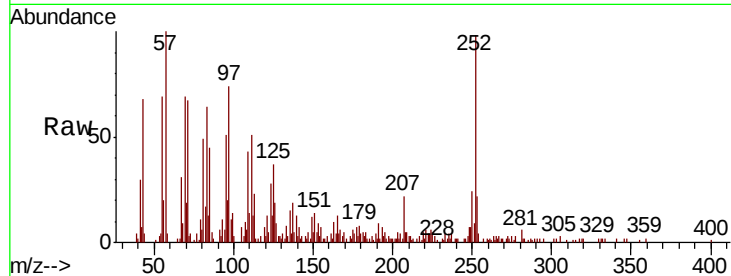
#88
Benzo(b)fluoranthene
Concen: 2.432 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Instrument :
BNA_F
ClientSampleId :
MC-123019-2-5-COMP-B8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	37.3	7.7	11.5

Manual Integrations
APPROVED

mohammad
1/6/2020 11:44:19 AM



#90
Benzo(a)pyrene
Concen: 2.022 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118472.D
Acq: 3 Jan 2020 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	39.0	9.0	13.4

