

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115607.D
 Acq On : 16 Jul 2019 19:44
 Operator : HP/JU
 Sample : K3826-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:35 PM

Quant Time: Jul 17 05:30:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171723	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	648702	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	333693	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	604312	20.00	ng	0.00
76) Chrysene-d12	14.04	240	402411	20.00	ng	-0.01
87) Perylene-d12	15.51	264	470323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1272226	121.18	ng	0.00
7) Phenol-d6	6.52	99	1653349	124.11	ng	0.00
23) Nitrobenzene-d5	7.44	82	1055951	94.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	433217	111.22	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1662221	87.19	ng	-0.01
79) Terphenyl-d14	12.99	244	1616850	74.14	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	360321	14.352	ng	99
71) Phenanthrene	11.43	178	130581	4.215	ng	95
75) Fluoranthene	12.61	202	168056	5.134	ng	98
78) Pyrene	12.84	202	132705	3.892	ng	96
81) Benzo(a)anthracene	14.03	228	58170	2.194	ng	99
83) Chrysene	14.06	228	66595	2.502	ng	97
88) Benzo(b)fluoranthene	15.07	252	76022m	2.510	ng	

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

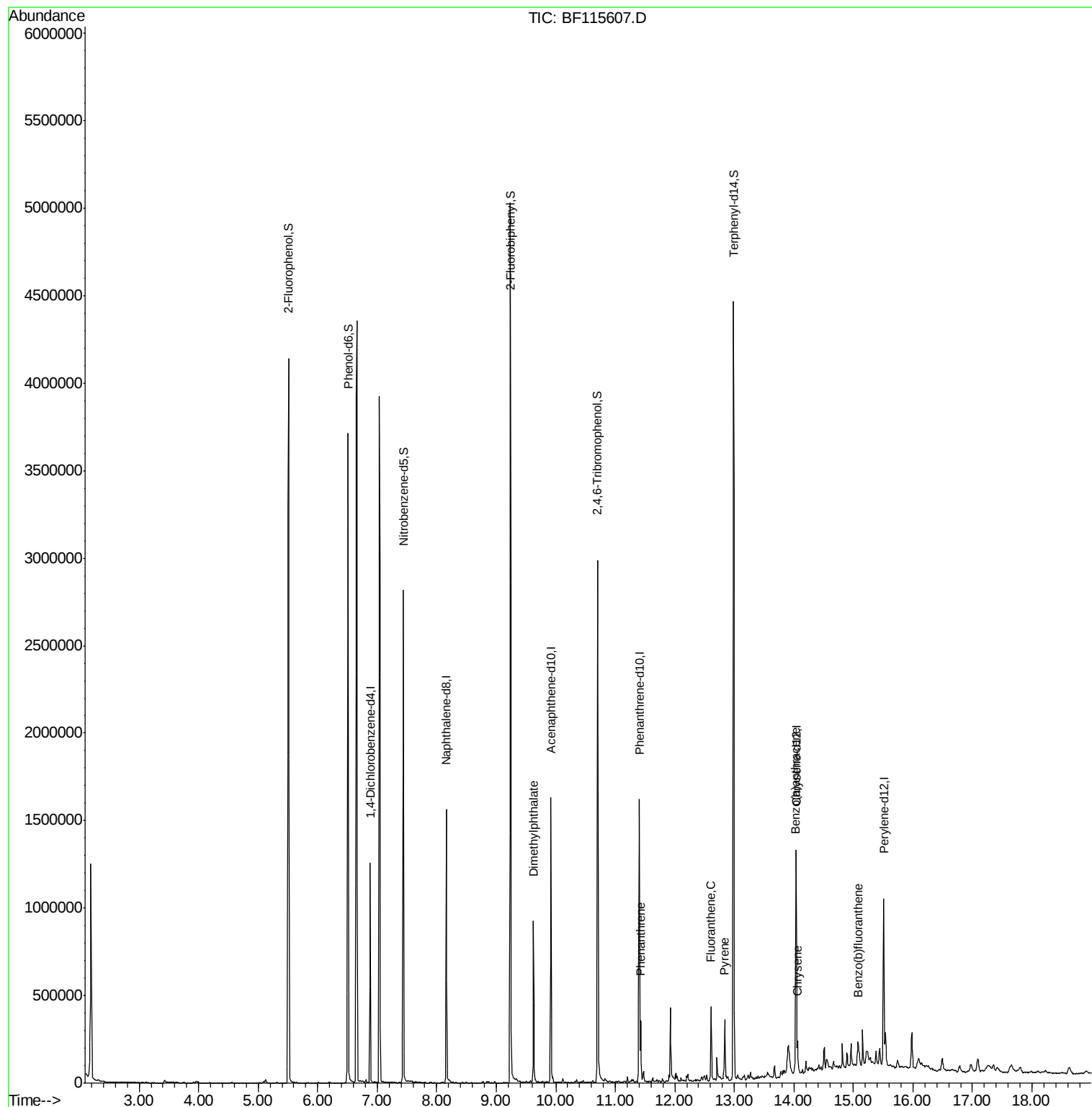
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115607.D
Acq On : 16 Jul 2019 19:44
Operator : HP/JU
Sample : K3826-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

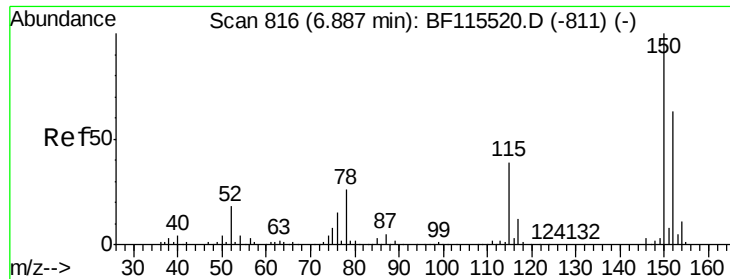
Instrument :
BNA_F
ClientSampleId :
RBR-200034

Manual Integrations
APPROVED

mohammad
7/17/2019 12:06:35 PM

Quant Time: Jul 17 05:30:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

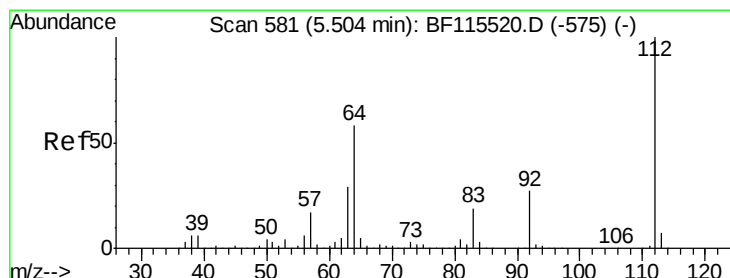
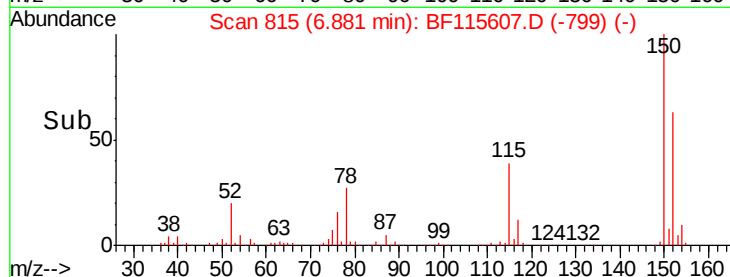
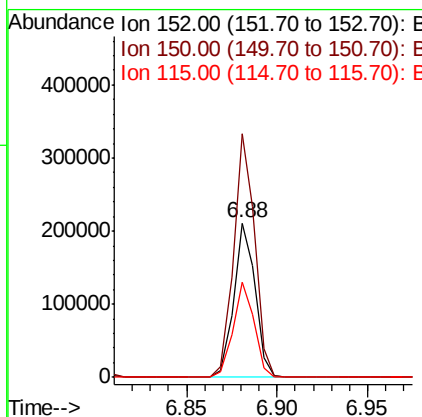
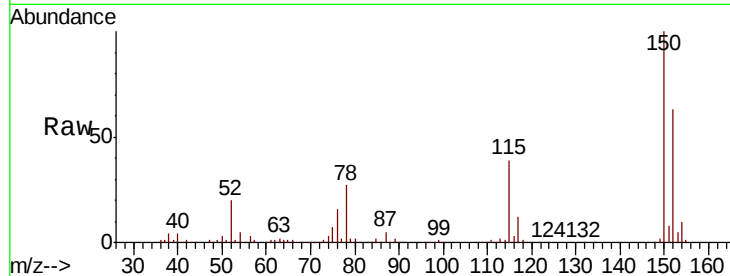
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	129.7	194.5
115	61.8	48.2	72.4

Manual Integrations
APPROVED

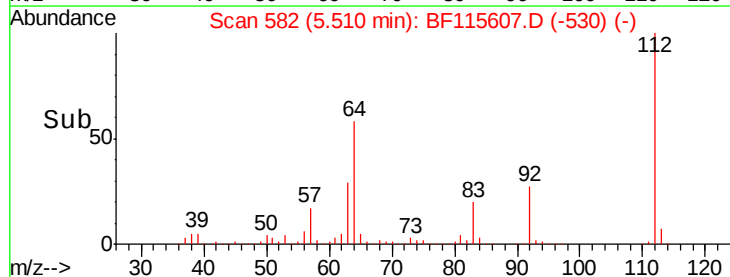
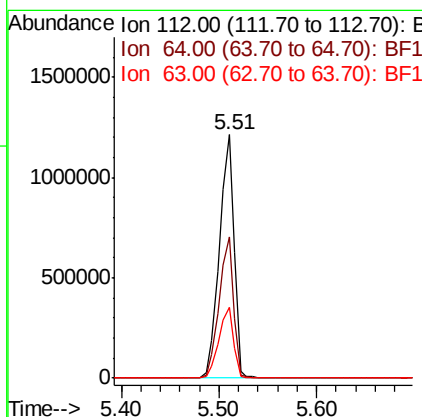
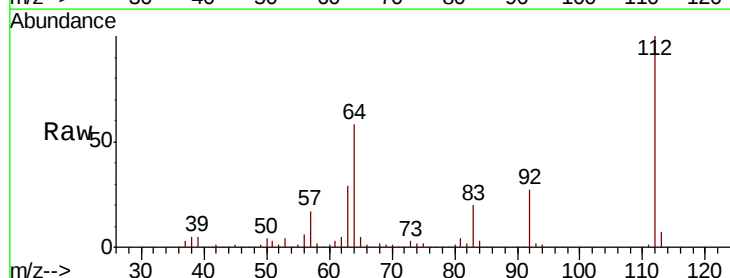
mohammad
7/17/2019 12:06:35 PM

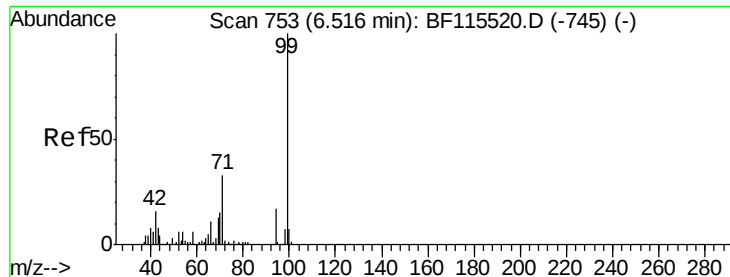


#5

2-Fluorophenol
Concen: 121.183 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.8	70.2
63	29.2	24.1	36.1





#7

Phenol-d6

Concen: 124.114 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115607.D

Acq: 16 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200034

Tot Ion: 99 Resp: 1653349

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

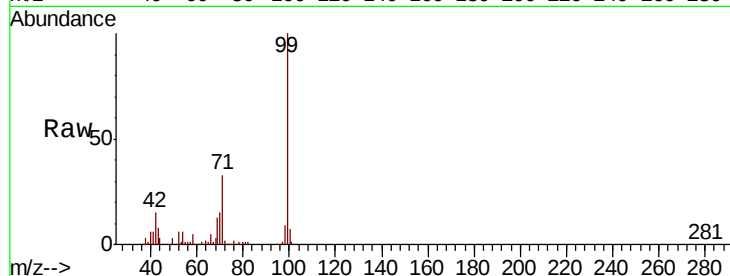
71 33.1 28.5 42.7

Manual Integrations

APPROVED

mohammad

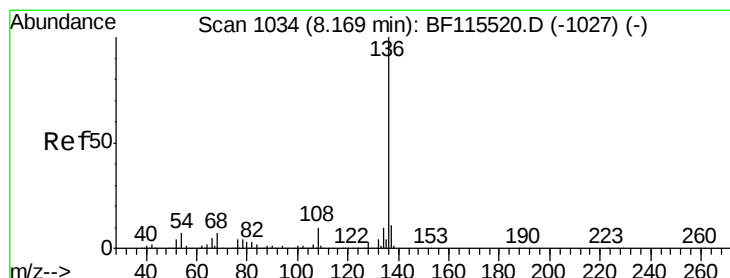
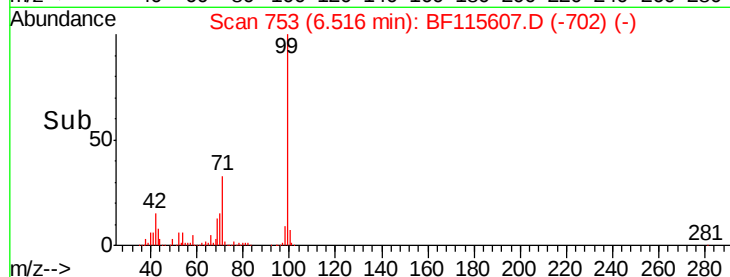
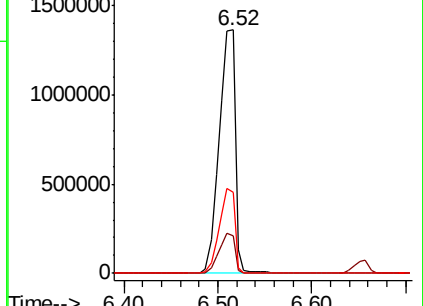
7/17/2019 12:06:35 PM



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115607.D

Acq: 16 Jul 2019 19:44

Tgt Ion: 136 Resp: 648702

Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.4 5.6 8.4

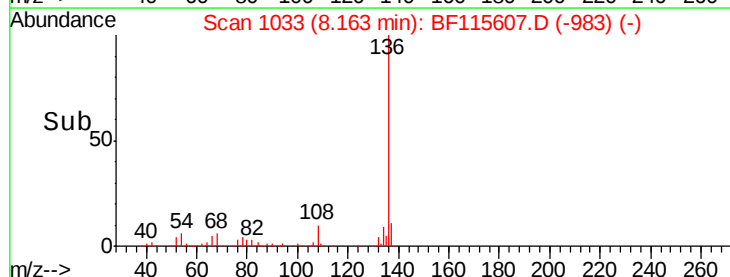
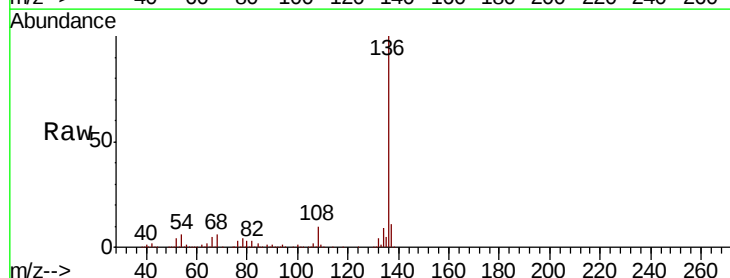
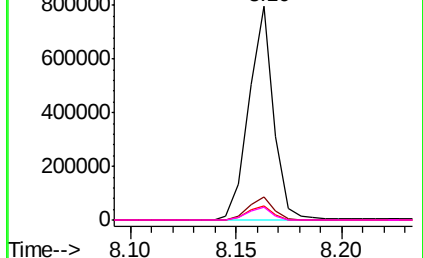
68 6.2 5.0 7.6

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





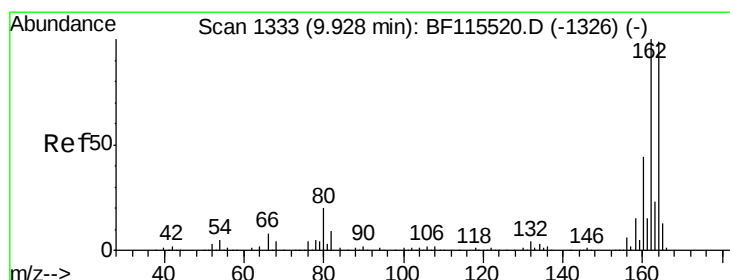
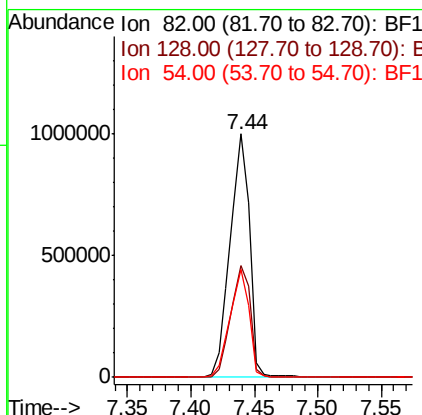
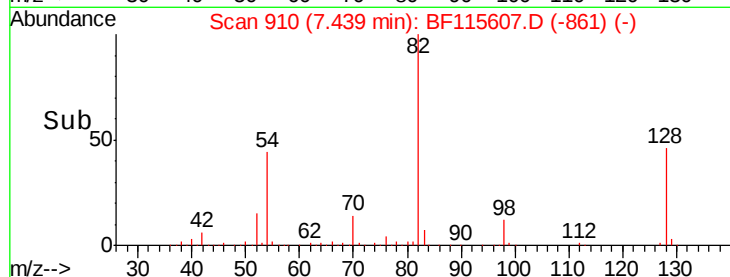
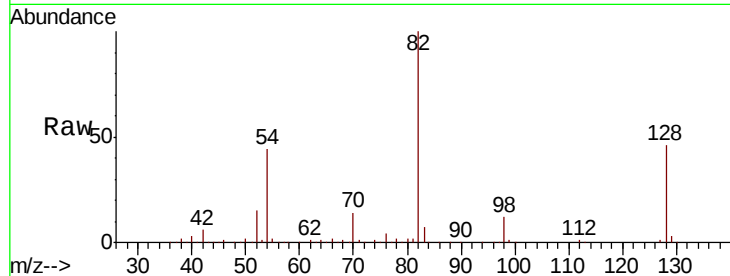
#23
 Nitrobenzene-d5
 Concen: 94.650 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tot Ion	82	Resp	1055951
Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.6	57.8
54	44.3	35.6	53.4

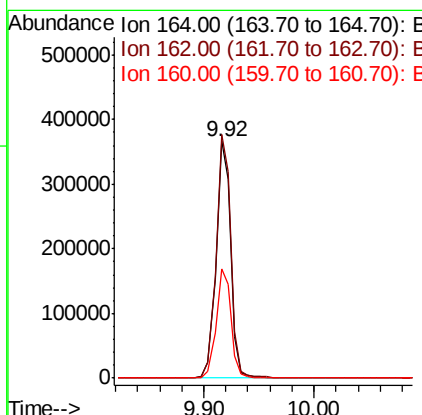
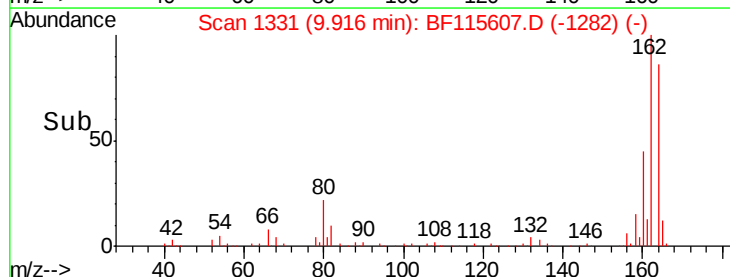
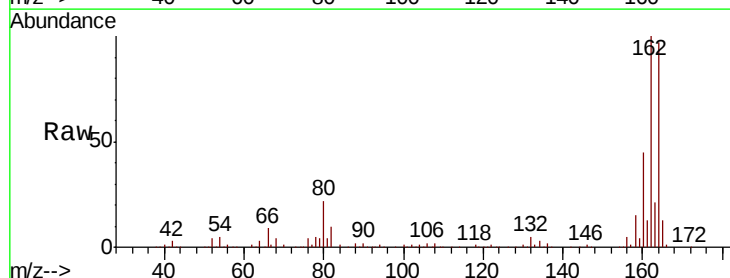
Manual Integrations
 APPROVED

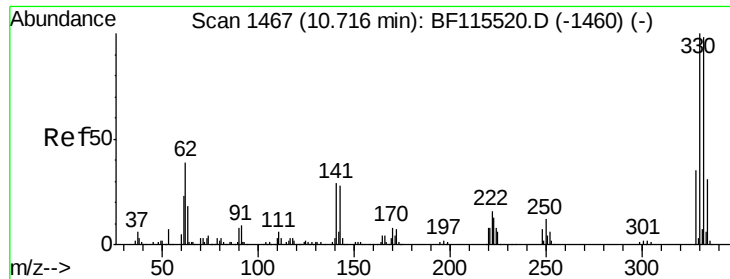
mohammad
 7/17/2019 12:06:35 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

Tgt Ion	164	Resp	333693
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.9	124.3
160	46.3	36.8	55.2





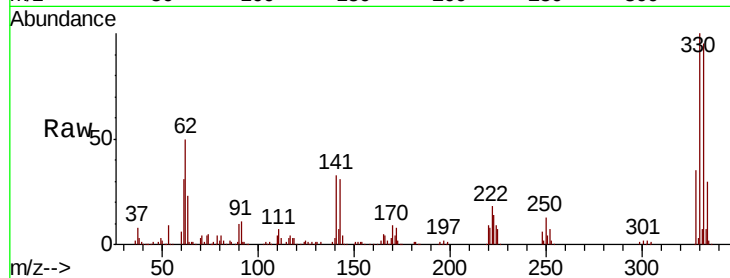
#42
 2,4,6-Tribromophenol
 Concen: 111.224 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	31.3	22.4	33.6

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:35 PM

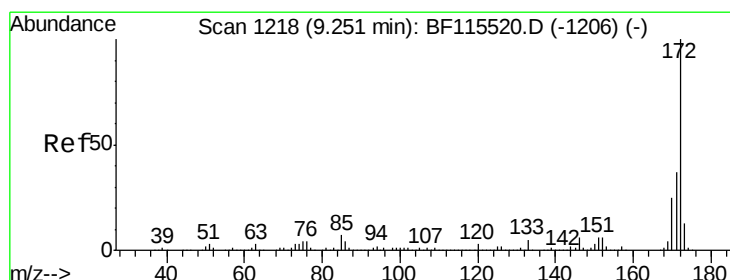
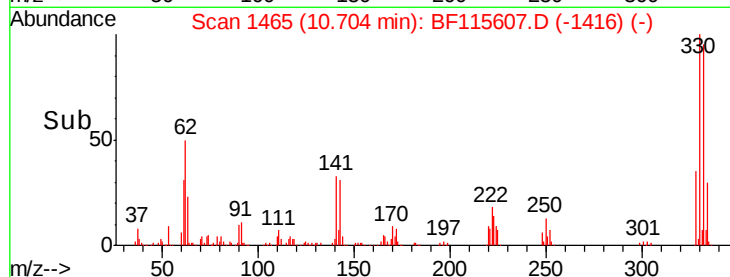
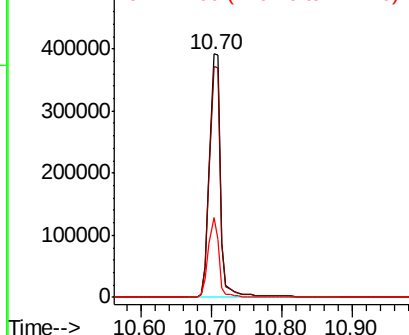


Abundance

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: 87.187 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

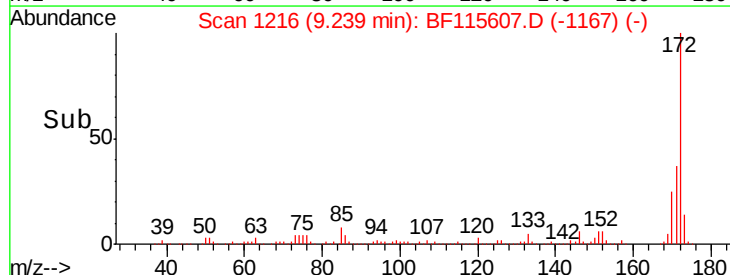
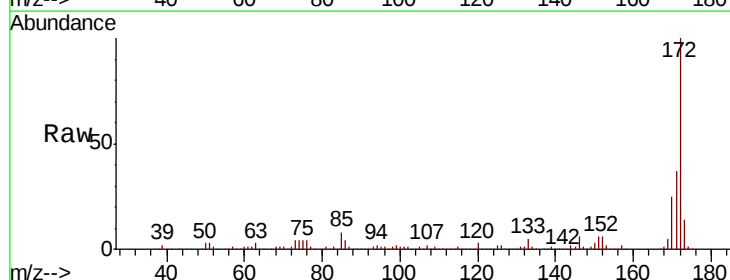
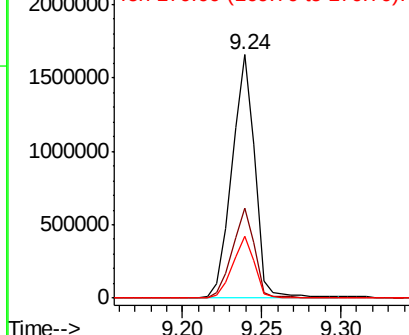
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	25.3	20.5	30.7

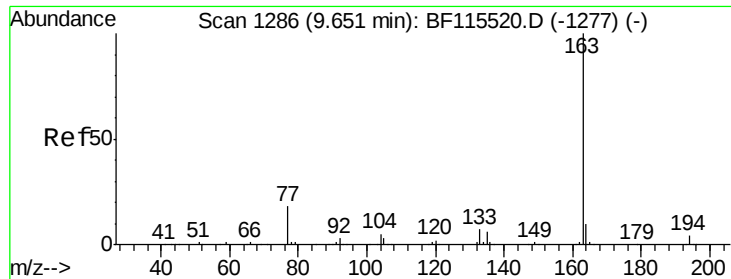
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





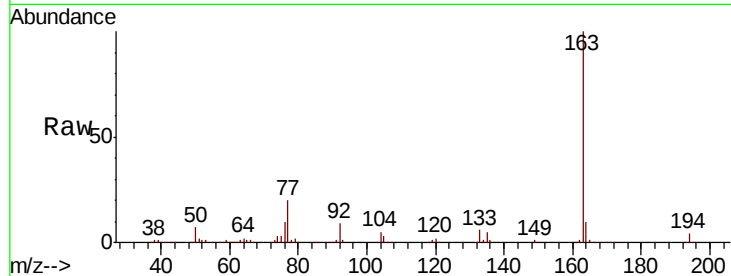
#50
Dimethylphthalate
Concen: 14.352 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200034

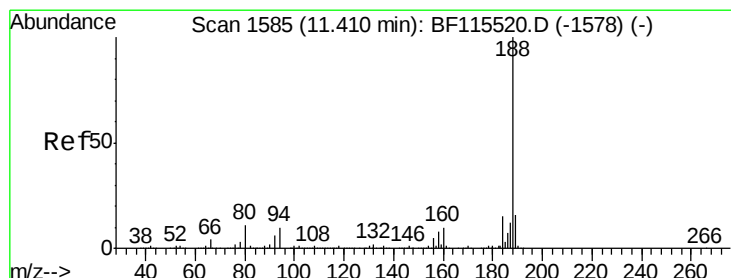
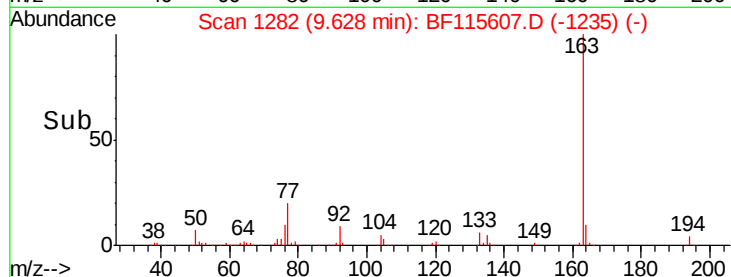
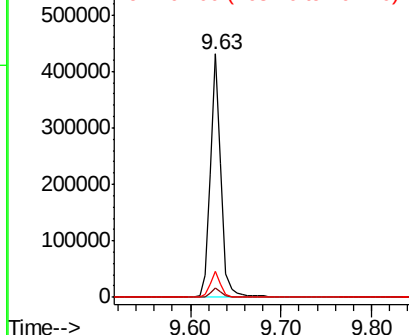
Tot Ion	Ratio	Resp	Lower	Upper
163	100	360321		
194	3.8		3.3	4.9
164	10.4		8.7	13.1

Manual Integrations
APPROVED

mohammad
7/17/2019 12:06:35 PM

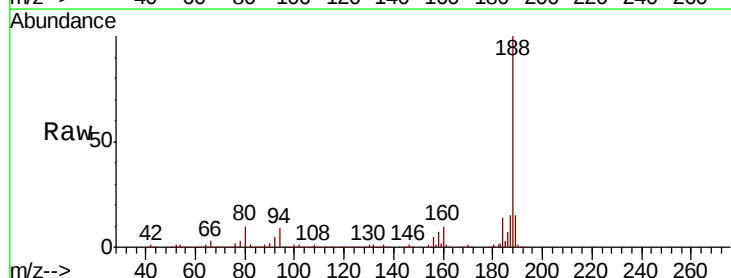


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

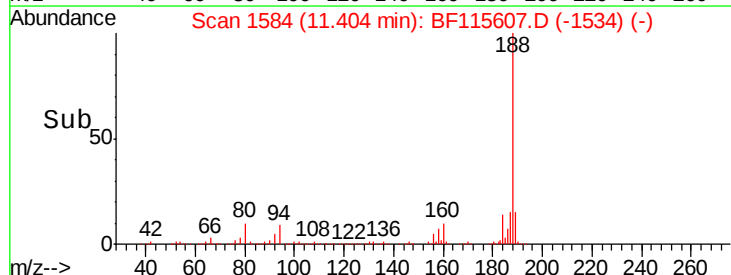
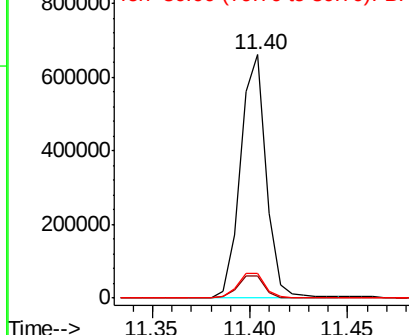


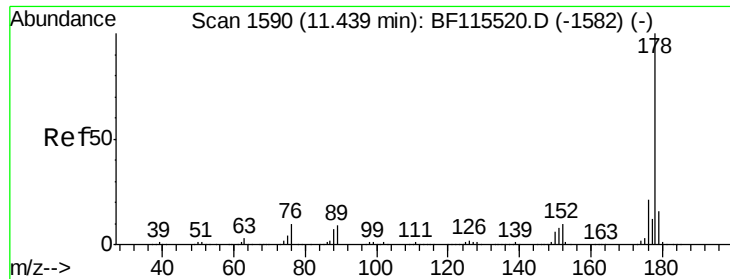
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	604312		
94	9.1		7.8	11.6
80	9.9		8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





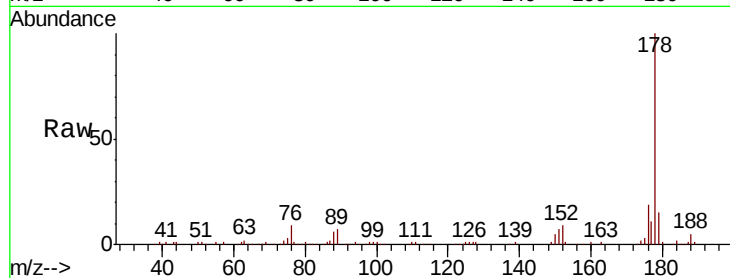
#71
Phenanthrene
Concen: 4.215 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200034

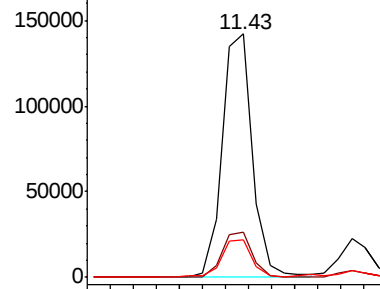
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	15.2	13.5	20.3

Manual Integrations
APPROVED

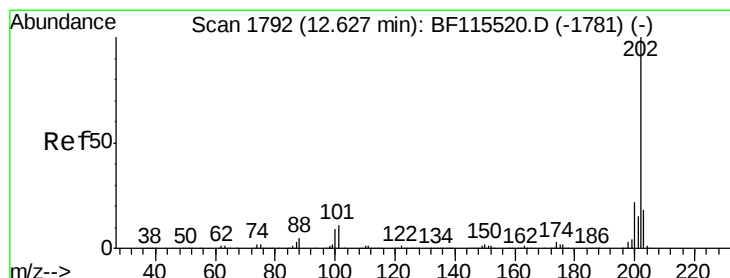
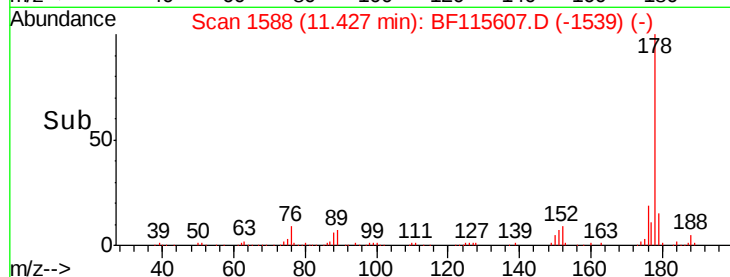
mohammad
7/17/2019 12:06:35 PM



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

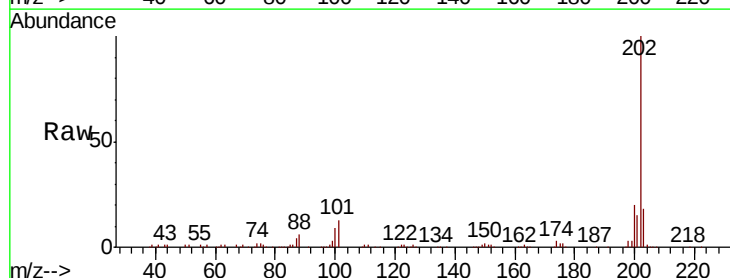


Time-->

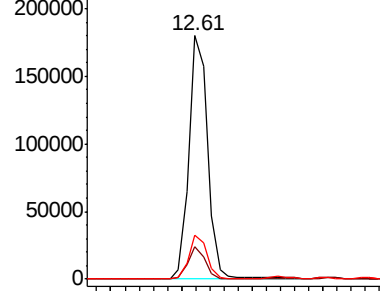


#75
Fluoranthene
Concen: 5.134 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

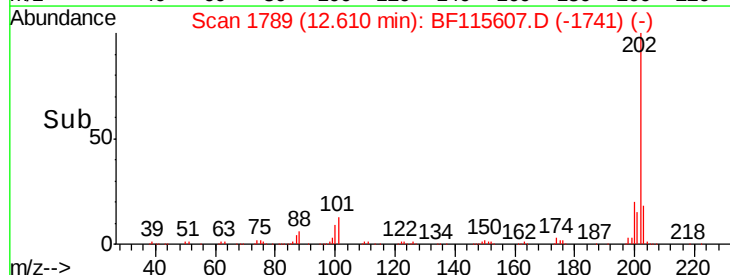
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.4
203	18.0	0.0	38.1

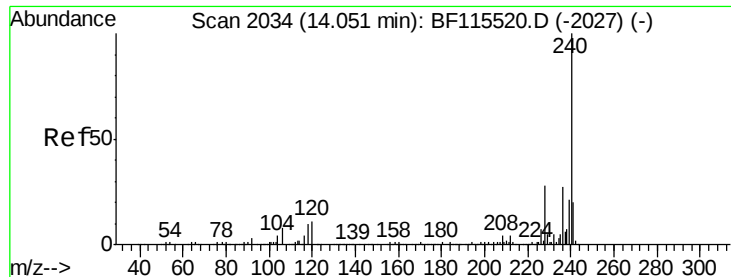


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





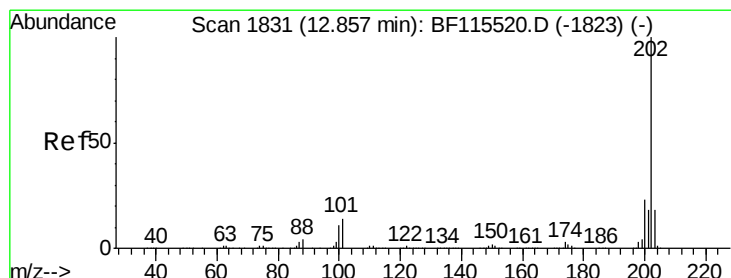
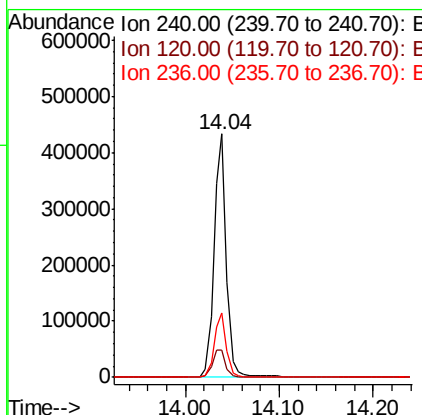
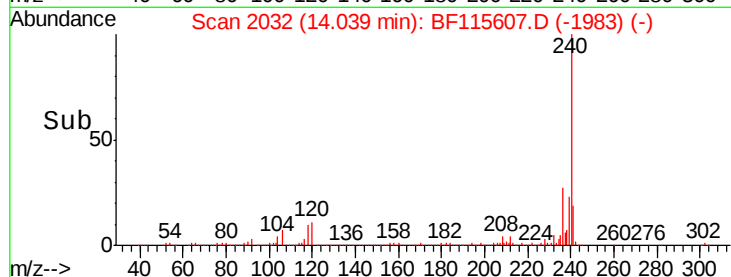
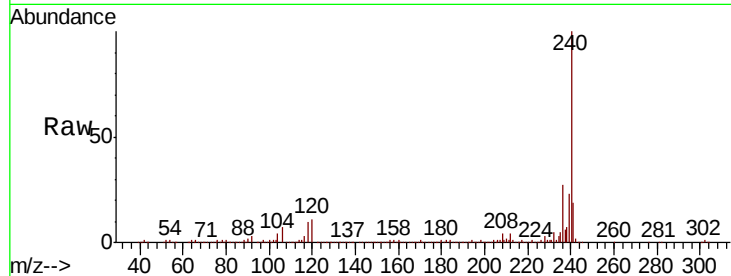
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion	Ratio	Resp	Lower	Upper
240	100	402411		
120	11.2	8.6	13.0	
236	26.6	21.3	31.9	

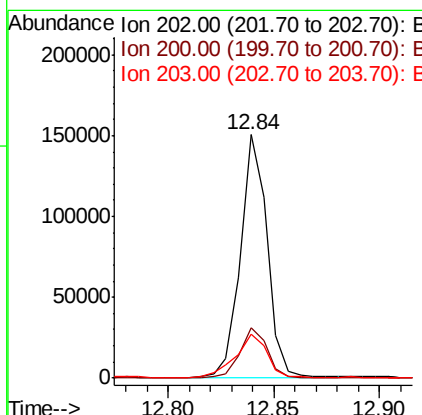
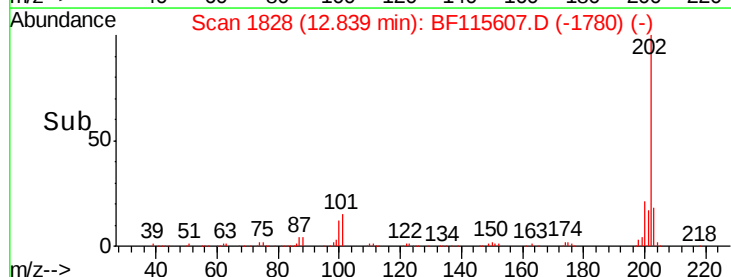
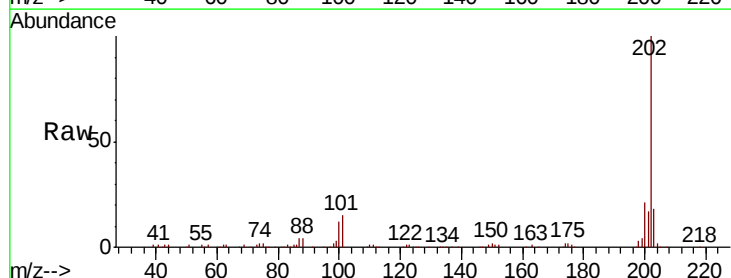
Manual Integrations
APPROVED

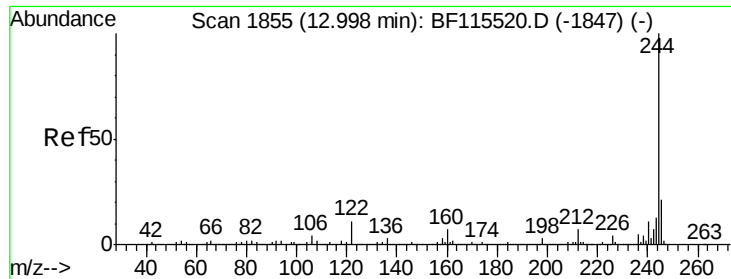
mohammad
7/17/2019 12:06:35 PM



#78
Pyrene
Concen: 3.892 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	132705		
200	20.7	18.7	28.1	
203	18.3	15.2	22.8	





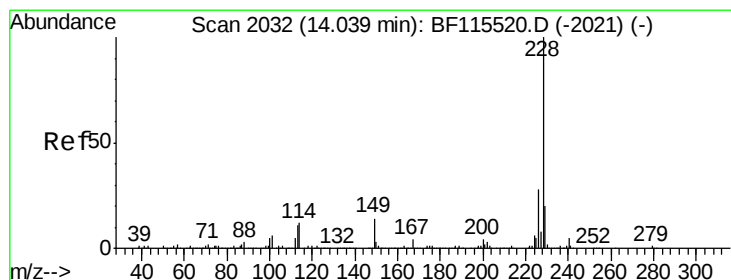
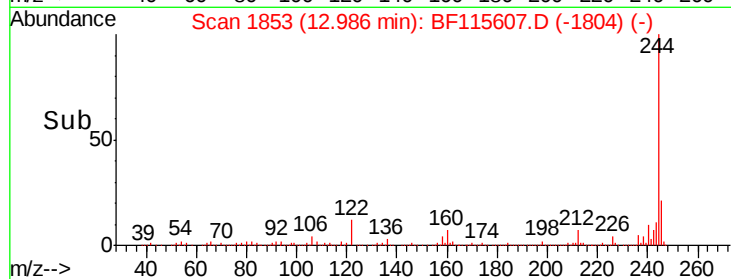
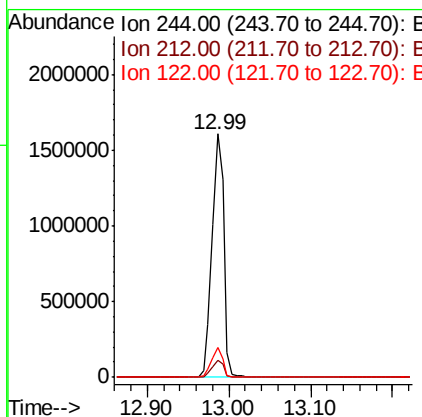
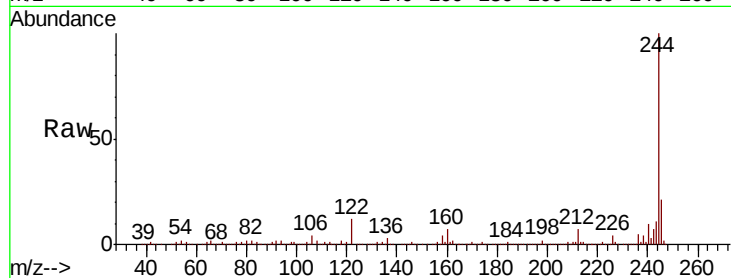
#79
 Terphenyl-d14
 Concen: 74.137 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Tot Ion:244 Resp: 1616850
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.0 8.6 12.8

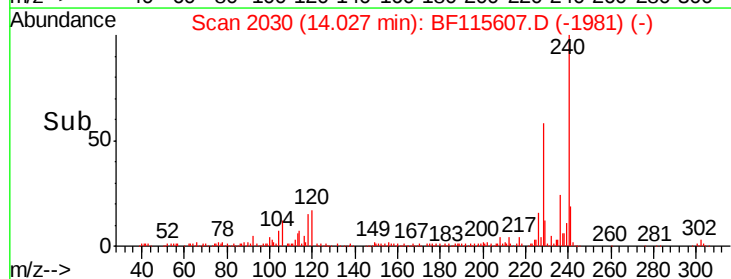
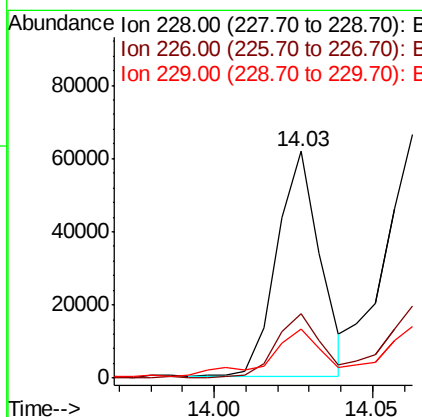
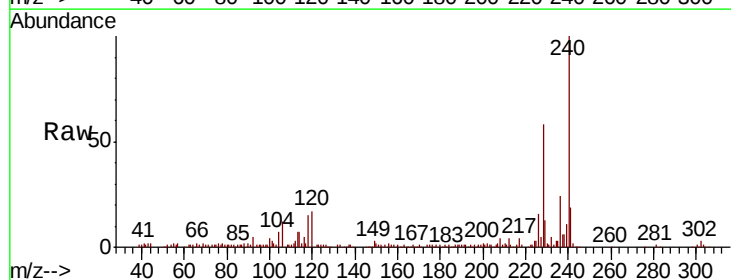
Manual Integrations
 APPROVED

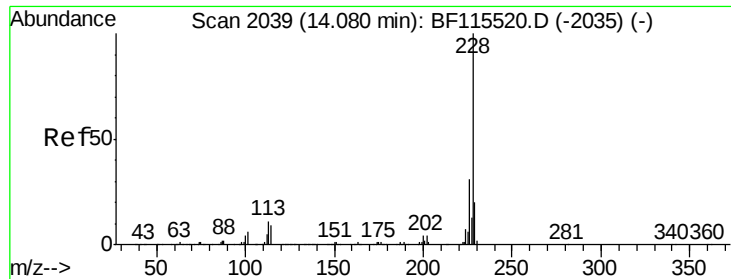
mohammad
 7/17/2019 12:06:35 PM



#81
 Benzo(a)anthracene
 Concen: 2.194 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115607.D
 Acq: 16 Jul 2019 19:44

Tgt Ion:228 Resp: 58170
 Ion Ratio Lower Upper
 228 100
 226 28.2 23.4 35.0
 229 21.8 17.2 25.8





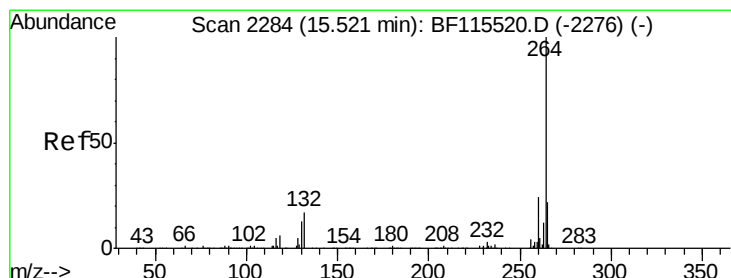
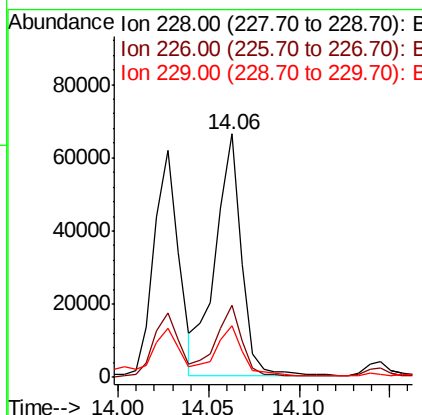
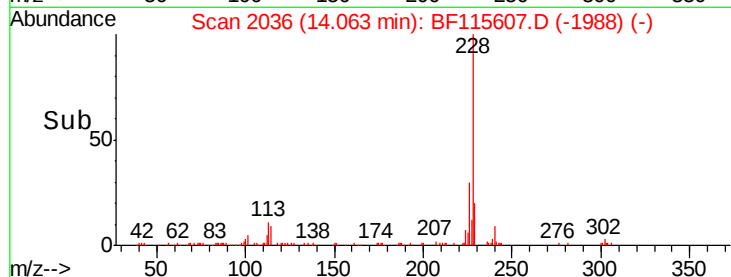
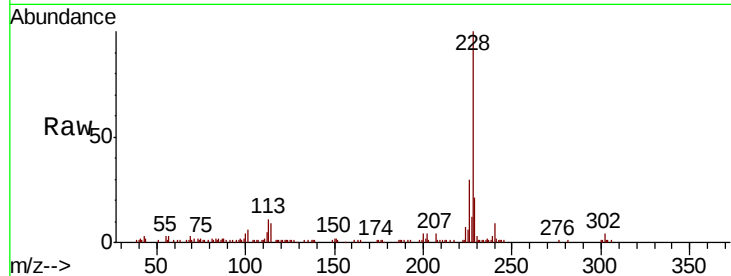
#83
Chrysene
Concen: 2.502 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tot Ion:	228	Resp:	66595
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.7	38.5
229	21.0	16.6	25.0

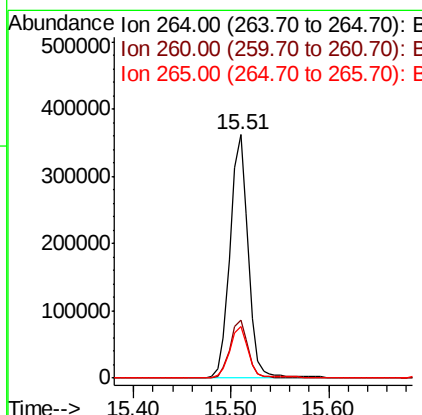
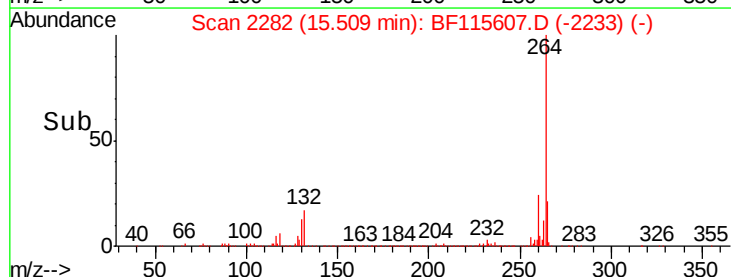
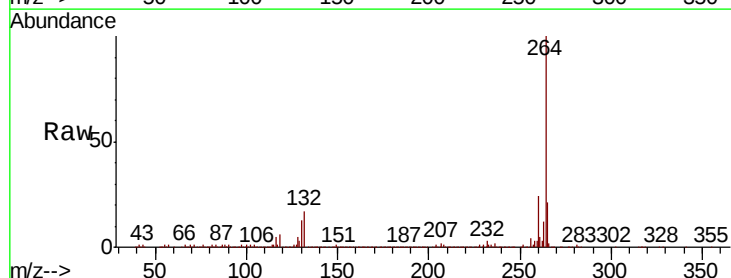
Manual Integrations
APPROVED

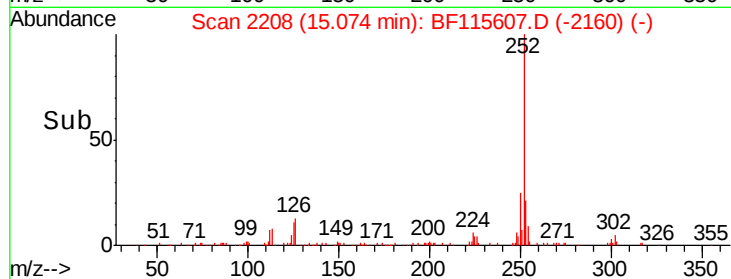
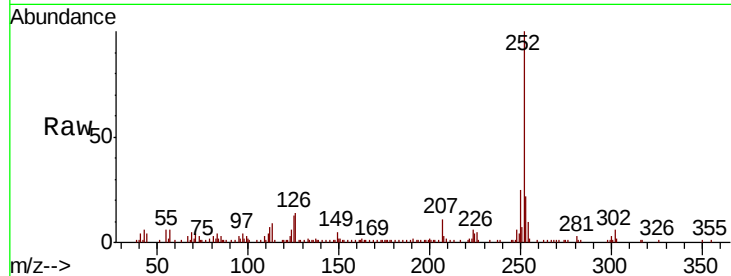
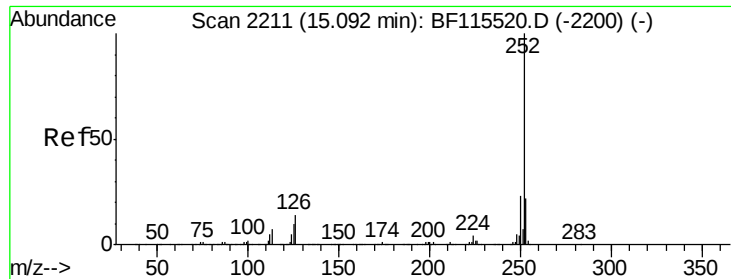
mohammad
7/17/2019 12:06:35 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115607.D
Acq: 16 Jul 2019 19:44

Tgt Ion:	264	Resp:	470323
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.8
265	21.4	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.510 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115607.D

Acq: 16 Jul 2019 19:44

Tot Ion:	252	Resp:	76022
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	12.8	9.0	13.4

Instrument :

BNA_F

ClientSampleId :

RBR-200034

Manual Integrations
APPROVED

mohammad
7/17/2019 12:06:35 PM

