

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121017.D
 Acq On : 24 Jul 2020 22:22
 Operator : JU/CG
 Sample : L3383-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-015

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:19:51 PM

Quant Time: Jul 25 01:35:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147769	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	494721	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	245087	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	400521	20.00	ng	0.00
76) Chrysene-d12	13.97	240	370252	20.00	ng	0.00
86) Perylene-d12	15.42	264	421555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	706863	78.42	ng	0.00
7) Phenol-d6	6.45	99	820178	70.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	505865	59.17	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	201414	75.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	998321	60.82	ng	0.00
79) Terphenyl-d14	12.92	244	838292	49.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	97800	5.531	ng	99
72) Anthracene	11.40	178	55186	2.668	ng	99
75) Fluoranthene	12.54	202	462856	20.272	ng	97
78) Pyrene	12.77	202	367199	14.028	ng	98
81) Benzo(a)anthracene	13.96	228	142714m	6.365	ng	
83) Chrysene	13.99	228	152690m	6.480	ng	
88) Benzo(b)fluoranthene	15.00	252	163778m	6.427	ng	
90) Benzo(a)pyrene	15.35	252	85718	3.687	ng	98

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

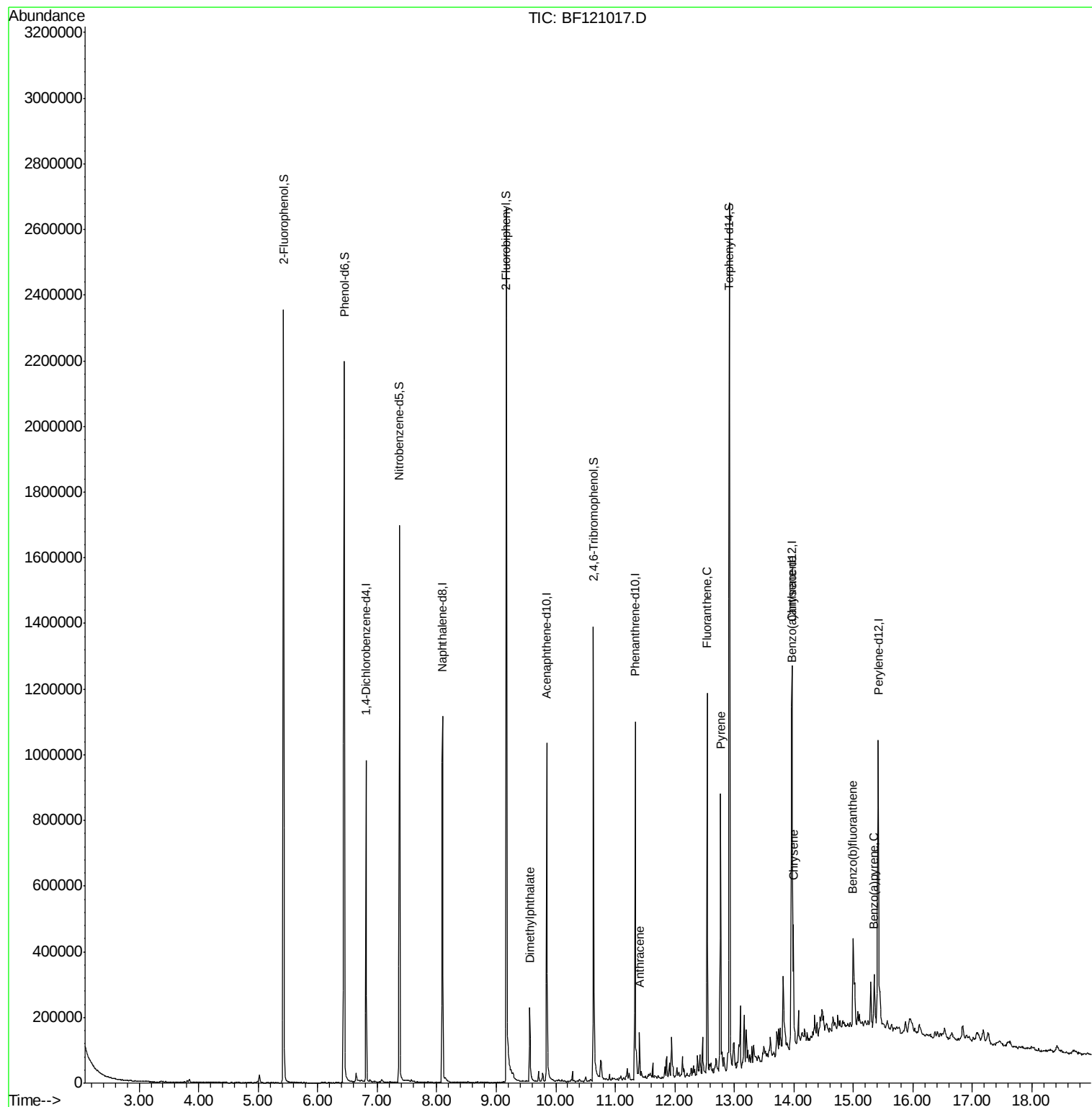
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121017.D
Acq On : 24 Jul 2020 22:22
Operator : JU/CG
Sample : L3383-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

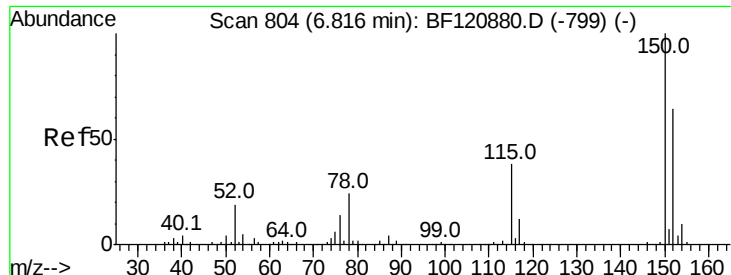
Instrument :
BNA_F
ClientSampleId :
CRT-015

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM

Quant Time: Jul 25 01:35:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration





#1

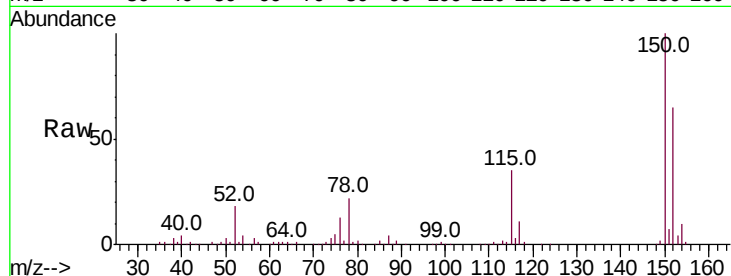
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Instrument :
BNA_F
ClientSampleId :
CRT-015

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.0	187.6
115	54.9	47.0	70.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM

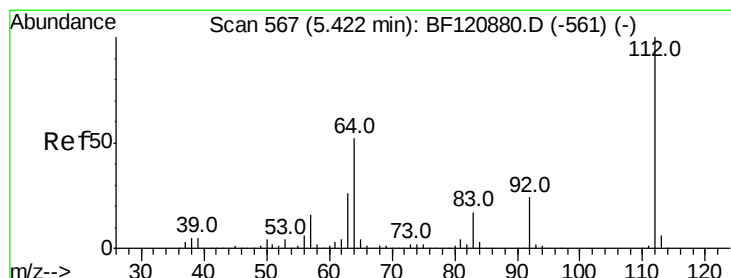
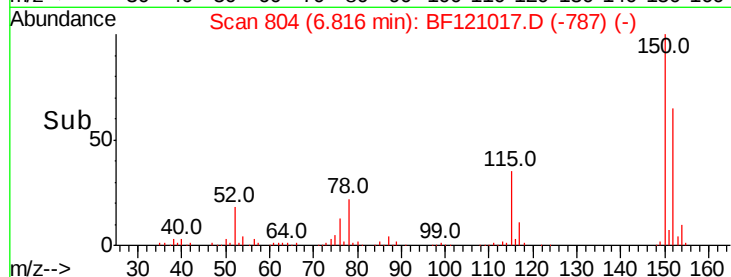
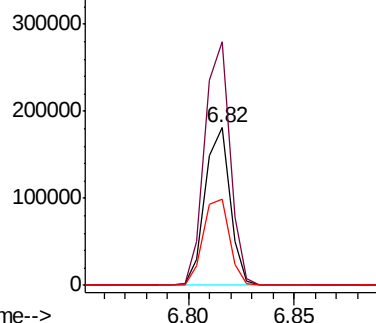


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

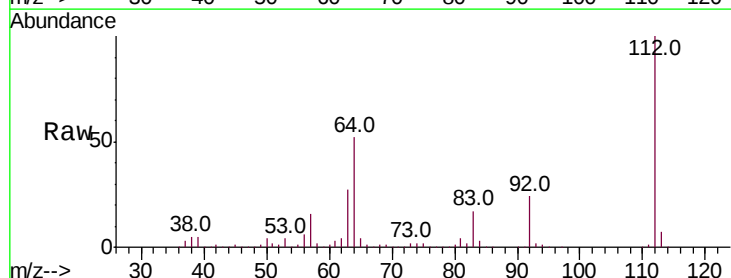
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.420 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.3	61.9
63	27.2	21.1	31.7

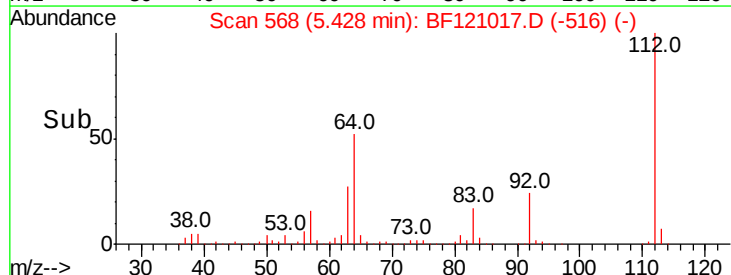
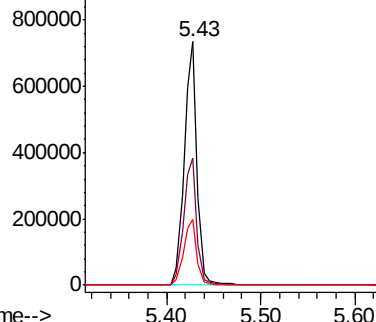


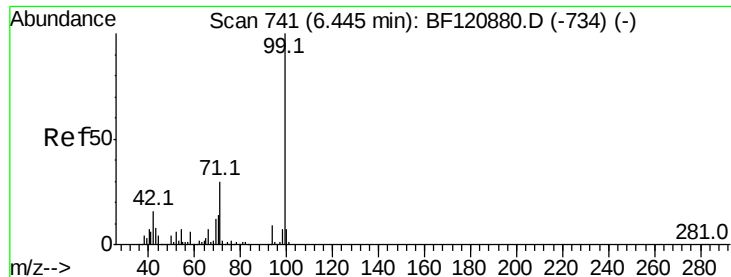
Abundance

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: 70.440 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Instrument :

BNA_F

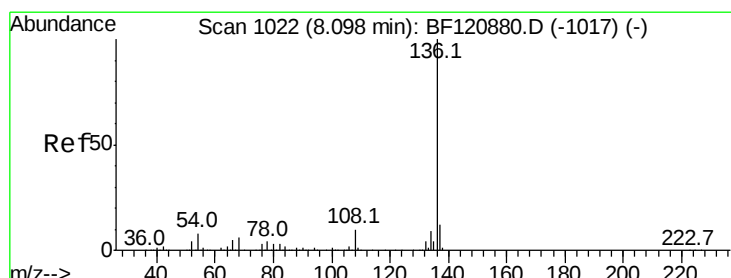
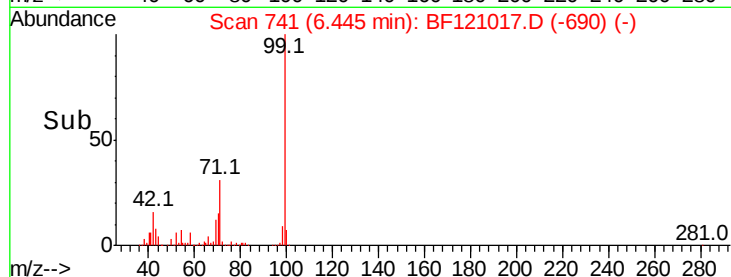
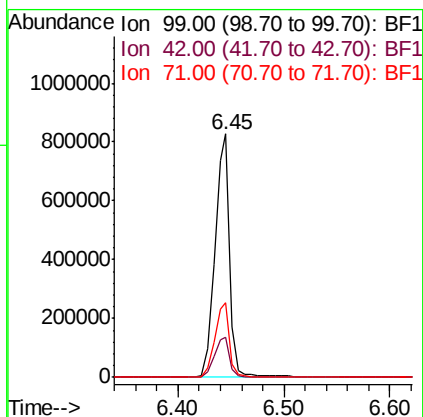
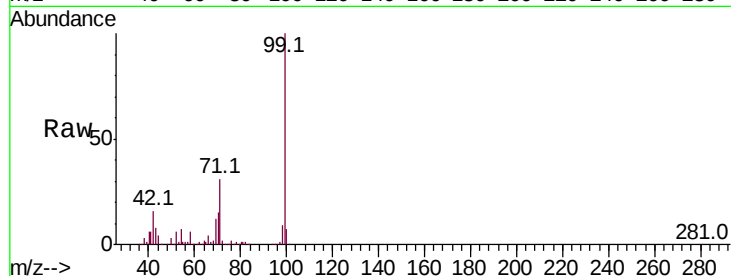
ClientSampled :

CRT-015

Tot Ion	99	Resp	820178
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.1	19.7
71	30.6	24.2	36.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM



#21

Naphthalene-d8

Concen: 20.000 ng

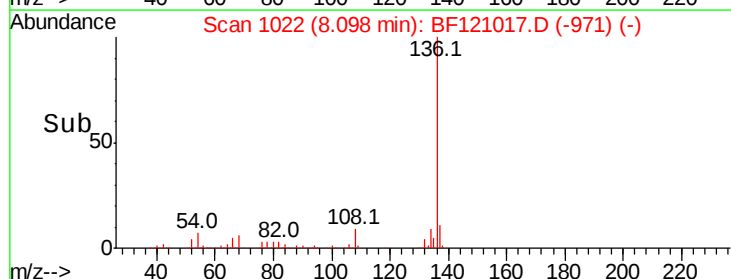
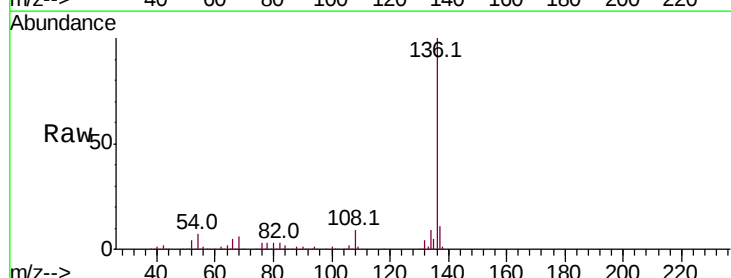
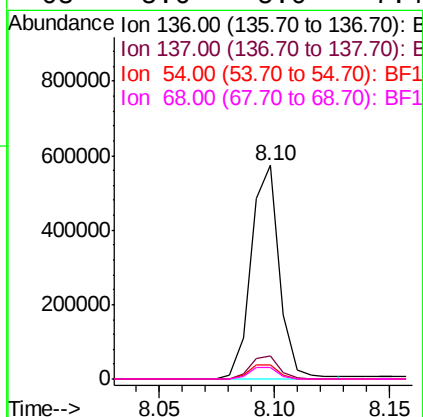
RT: 8.10 min Scan# 1022

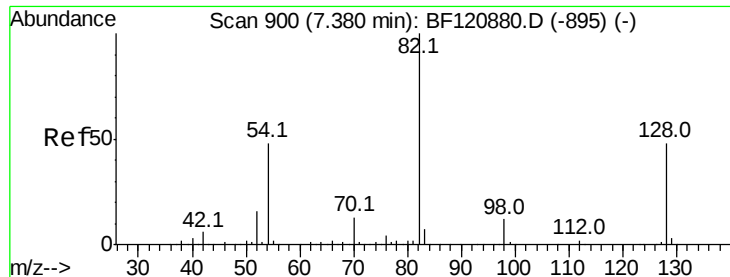
Delta R.T. 0.00 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Tgt Ion	136	Resp	494721
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.8	6.3	9.5
68	5.6	5.0	7.4





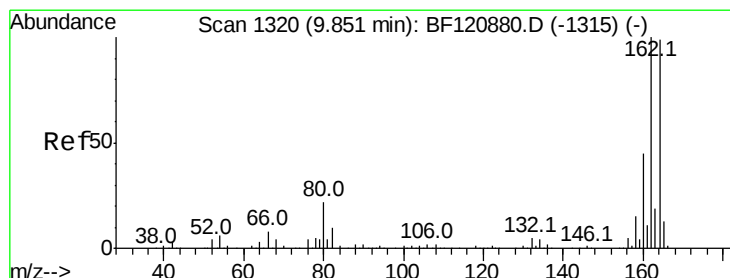
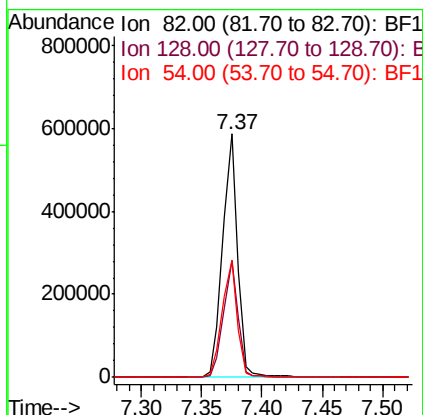
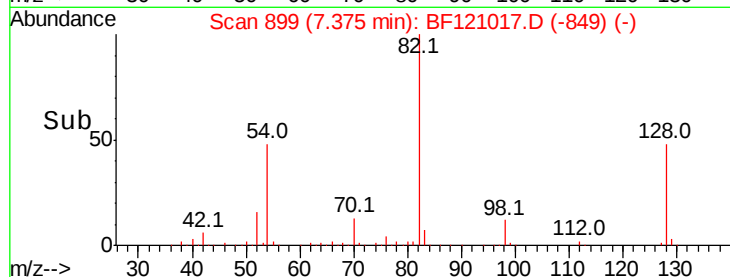
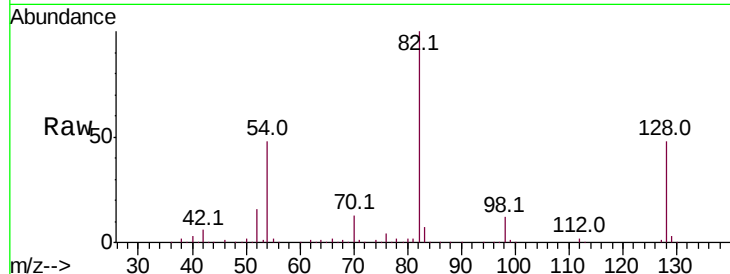
#23
Nitrobenzene-d5
Concen: 59.166 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Instrument :
BNA_F
ClientSampleId :
CRT-015

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.4
54	47.8	38.7	58.1

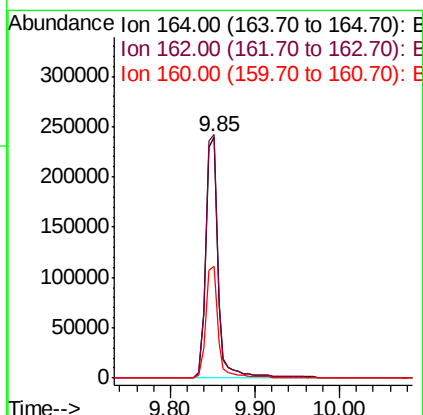
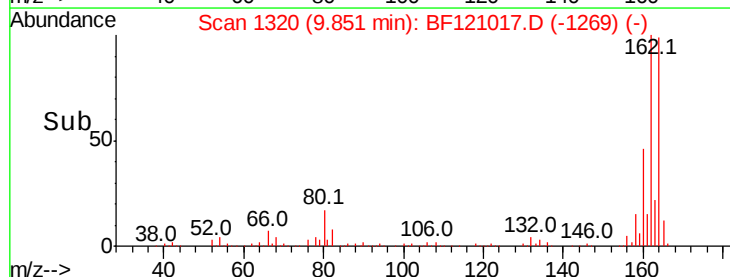
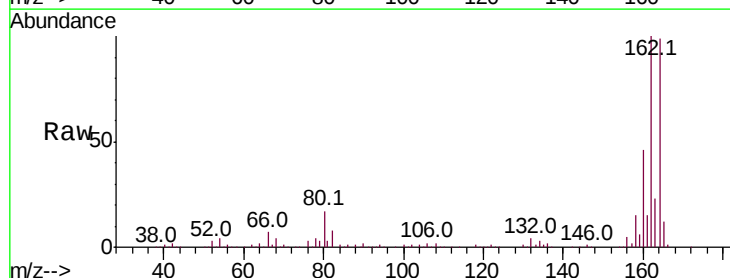
Manual Integrations
APPROVED

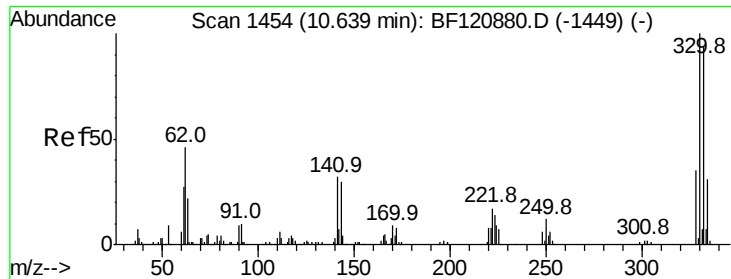
mohammad
7/27/2020 12:19:51 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	46.0	36.9	55.3





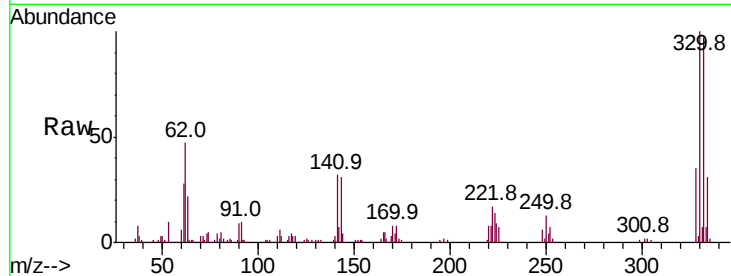
#42
 2,4,6-Tribromophenol
 Concen: 75.078 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF121017.D
 Acq: 24 Jul 2020 22:22

Instrument :
 BNA_F
 ClientSampled :
 CRT-015

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.5	75.5	113.3
141	31.0	25.7	38.5

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:19:51 PM

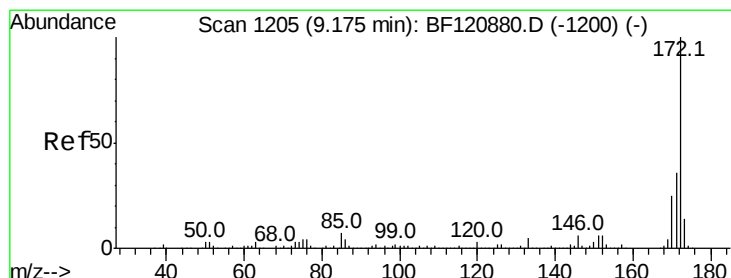
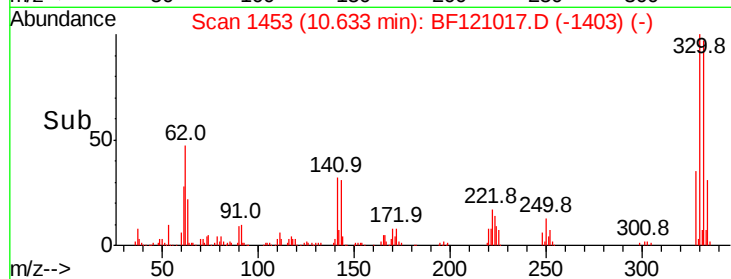
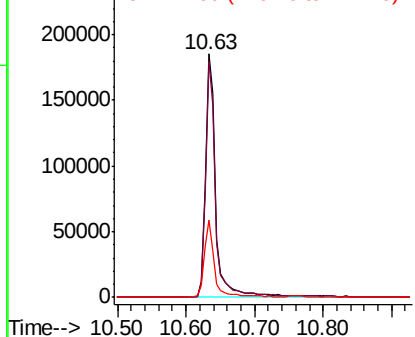


Abundance

Ion 329.80 (329.50 to 330.50): E

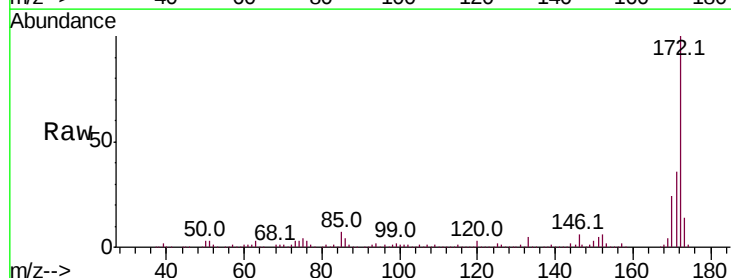
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.817 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121017.D
 Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.6	29.4

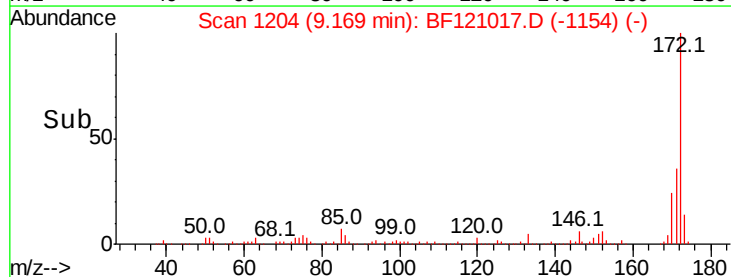
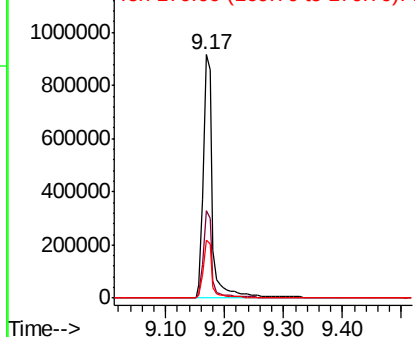


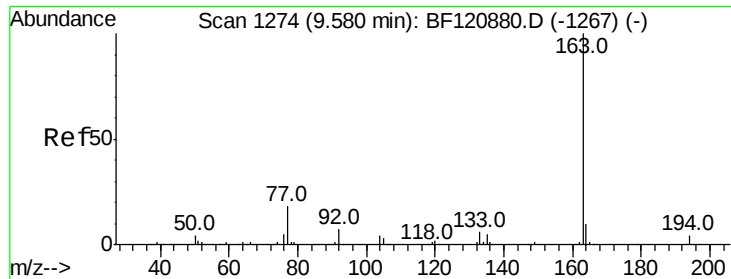
Abundance

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





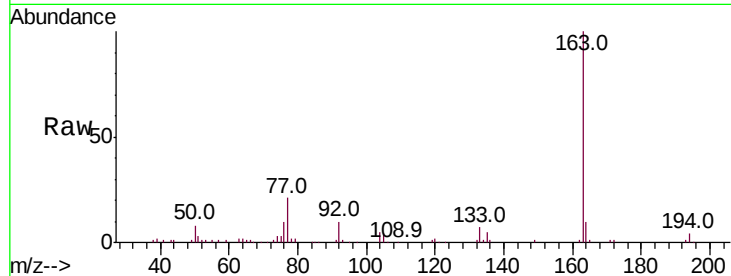
#50
Dimethylphthalate
Concen: 5.531 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Instrument :
BNA_F
ClientSampled :
CRT-015

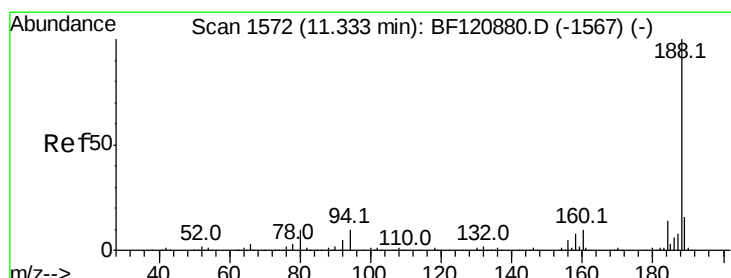
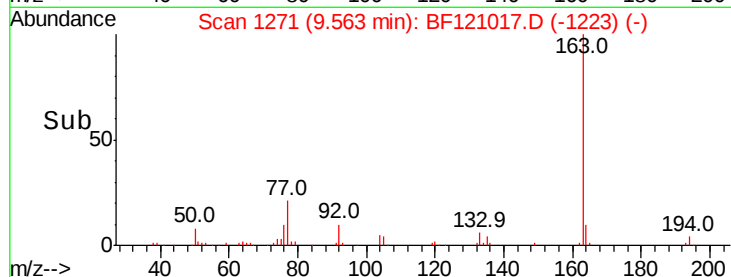
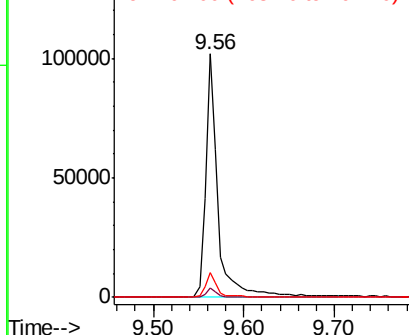
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	7.9	11.9

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM



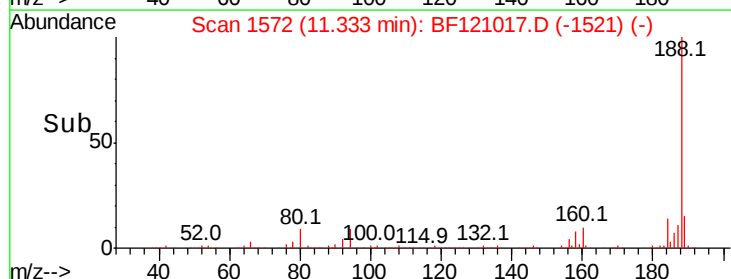
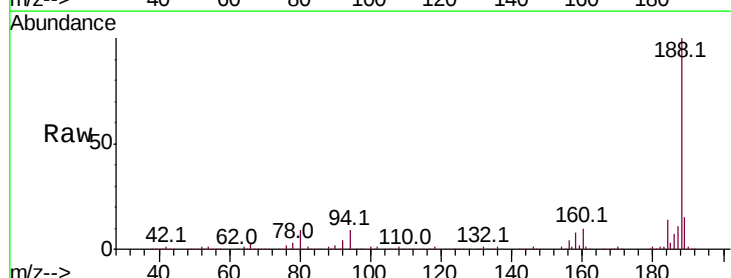
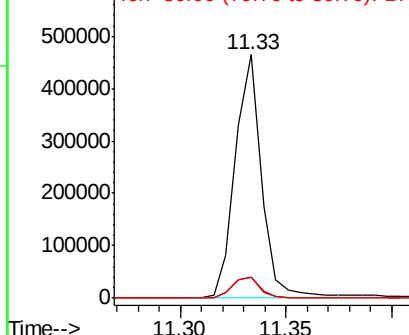
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

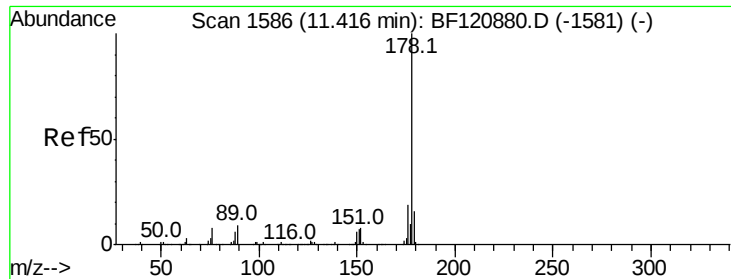


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	8.6	8.3	12.5

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





#72

Anthracene

Concen: 2.668 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Instrument :

BNA_F

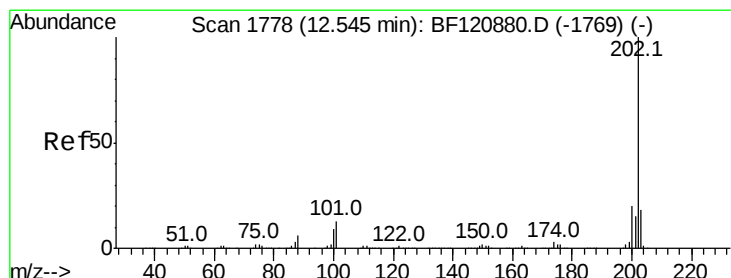
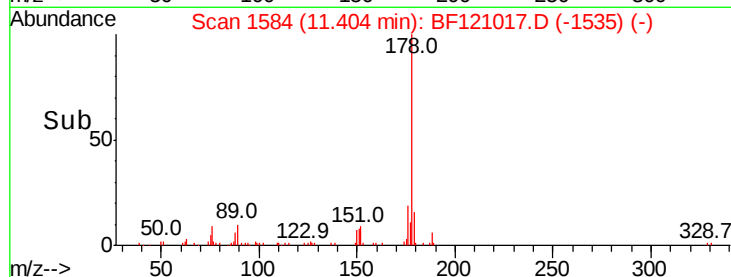
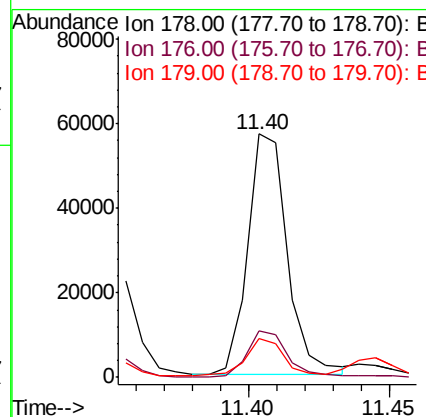
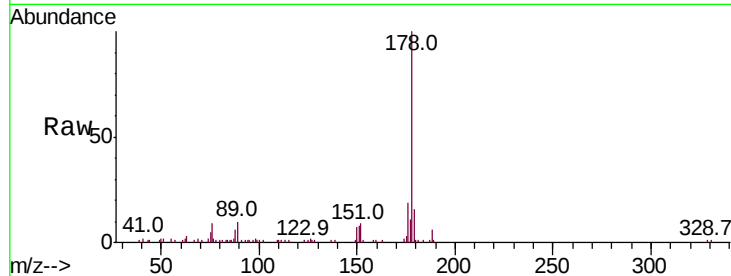
ClientSampleId :

CRT-015

Tot Ion:	178	Resp:	55186
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.5	23.3
179	15.8	12.8	19.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM



#75

Fluoranthene

Concen: 20.272 ng

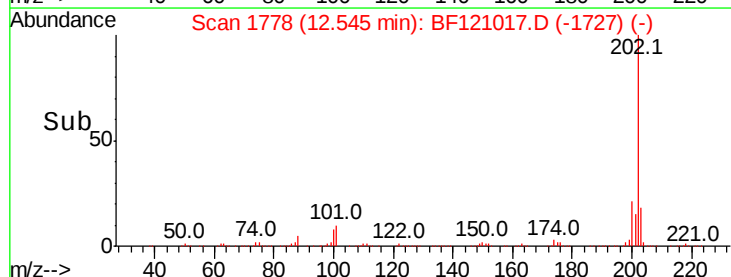
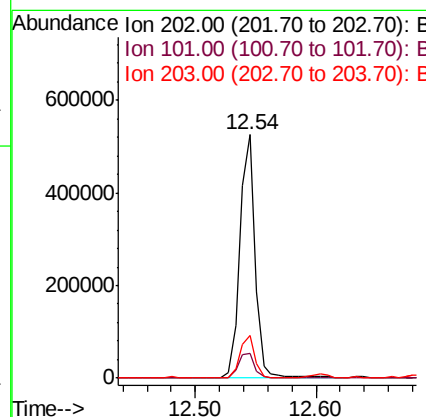
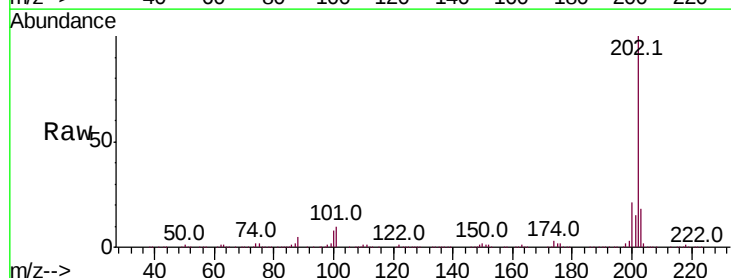
RT: 12.54 min Scan# 1778

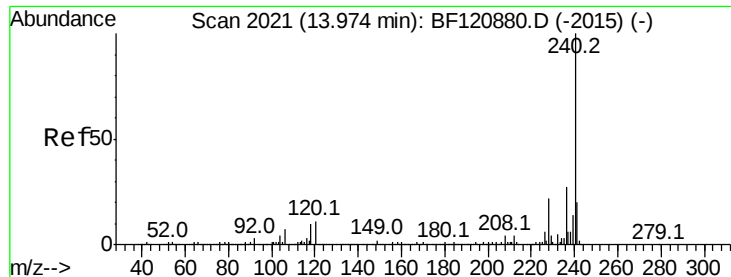
Delta R.T. 0.00 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Tgt Ion:	202	Resp:	462856
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	32.7
203	17.7	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Instrument :

BNA_F

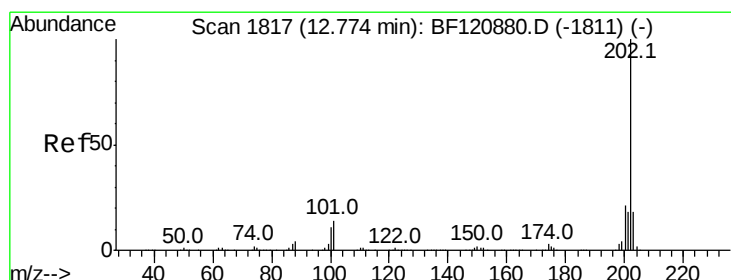
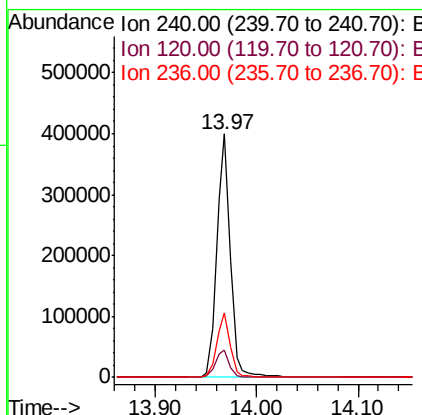
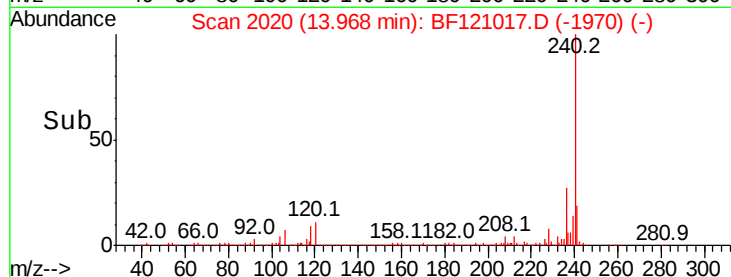
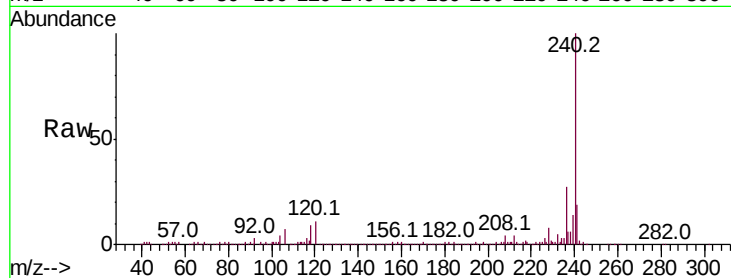
ClientSampleId :

CRT-015

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	26.7	21.7	32.5

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM



#78

Pyrene

Concen: 14.028 ng

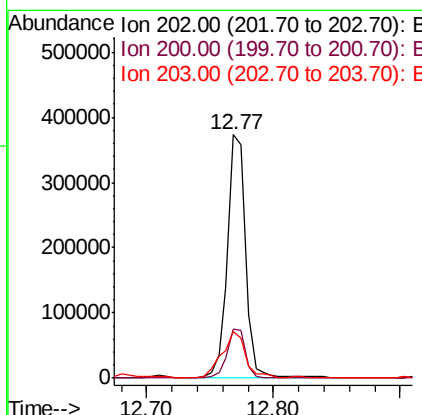
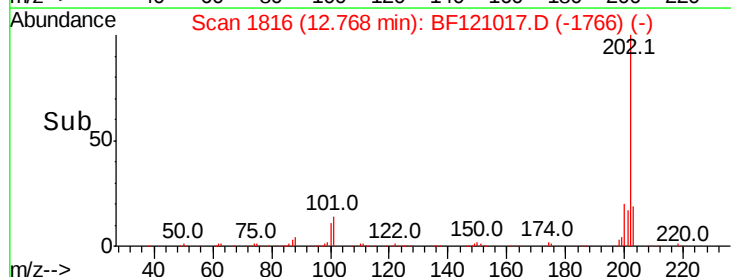
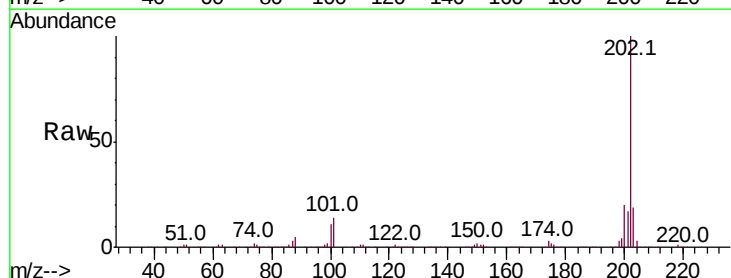
RT: 12.77 min Scan# 1816

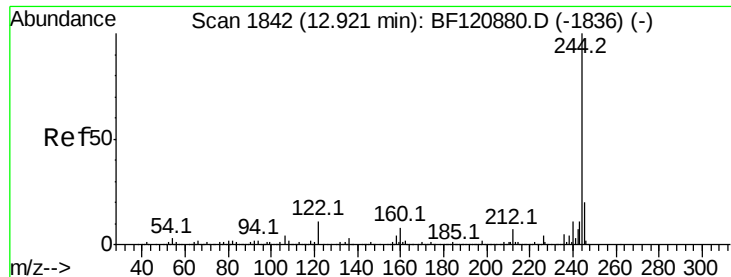
Delta R.T. -0.01 min

Lab File: BF121017.D

Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	19.0	14.4	21.6





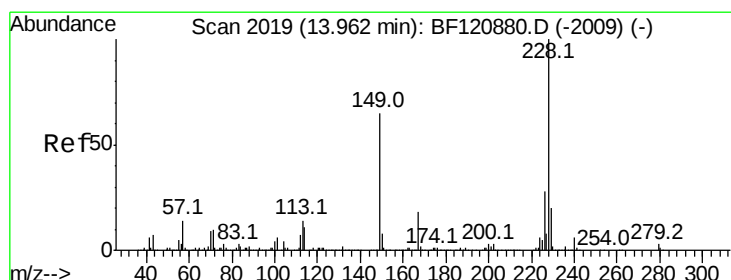
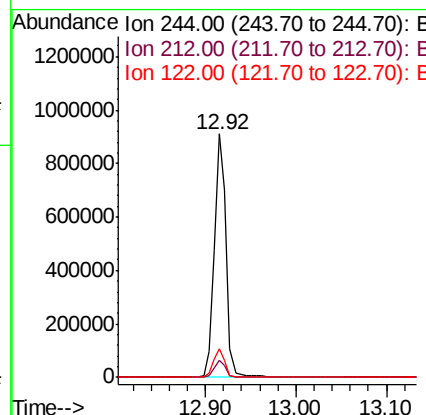
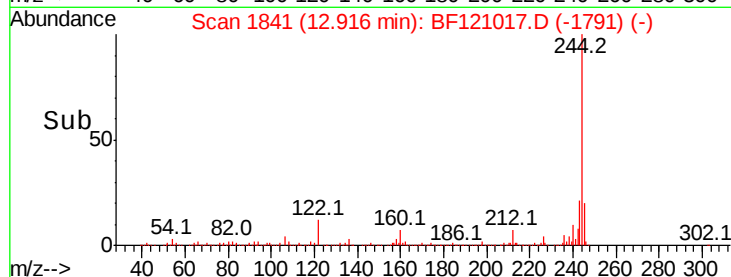
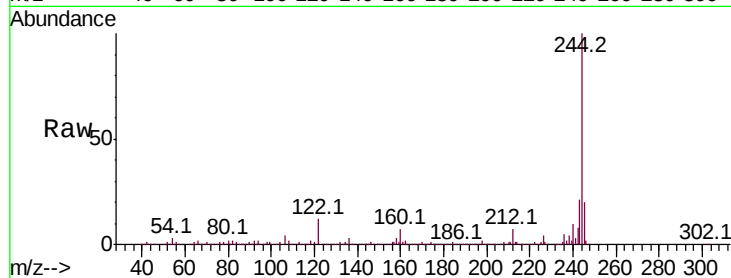
#79
 Terphenyl-d14
 Concen: 49.217 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121017.D
 Acq: 24 Jul 2020 22:22

Instrument :
 BNA_F
 ClientSampleId :
 CRT-015

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	8.9	13.3

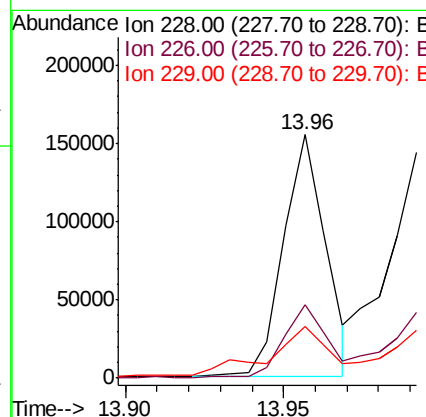
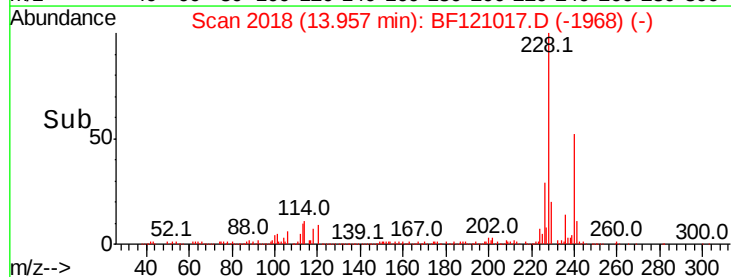
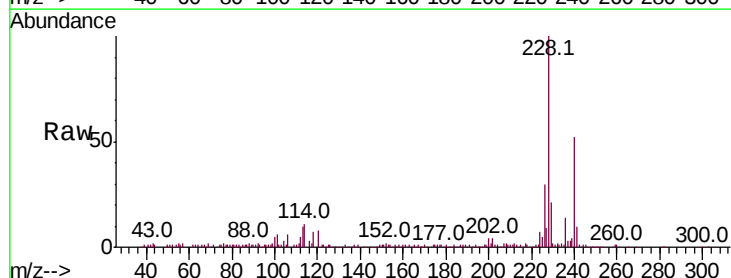
Manual Integrations
 APPROVED

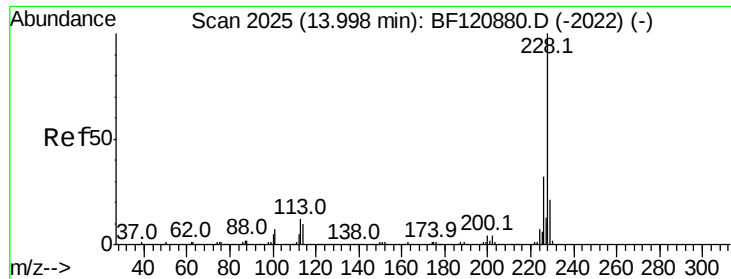
mohammad
 7/27/2020 12:19:51 PM



#81
 Benzo(a)anthracene
 Concen: 6.365 ng m
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121017.D
 Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.3	33.5
229	21.1	16.1	24.1





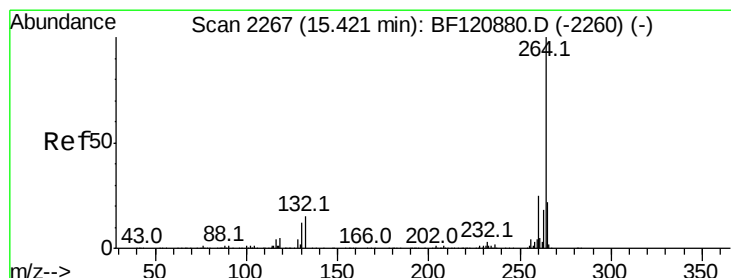
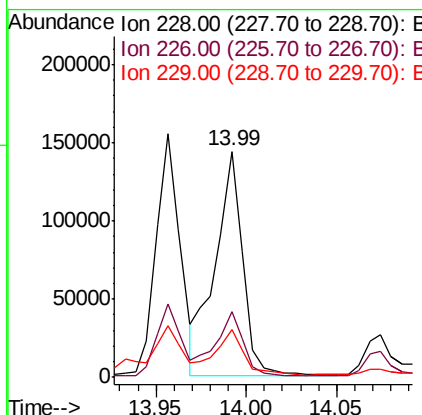
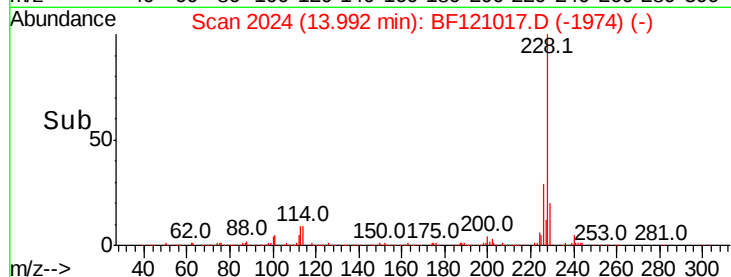
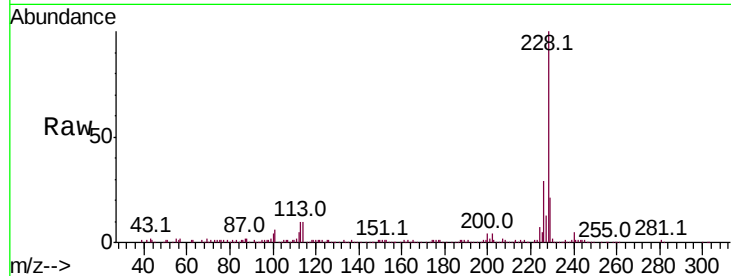
#83
Chrysene
Concen: 6.480 ng/mL
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Instrument :
BNA_F
ClientSampleId :
CRT-015

Tot Ion:	228	Resp:	152690
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.6	38.4
229	21.2	16.8	25.2

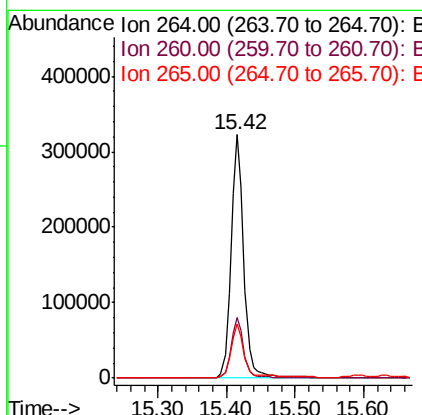
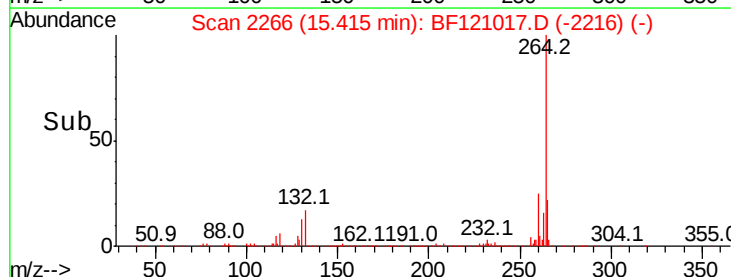
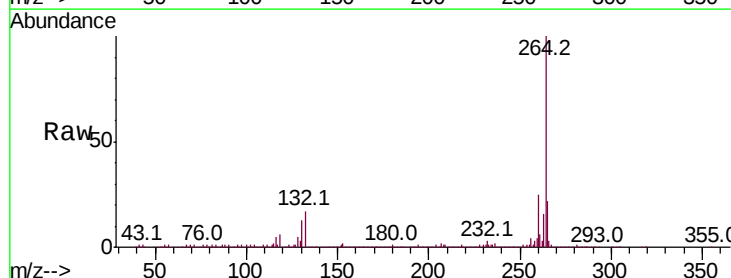
Manual Integrations
APPROVED

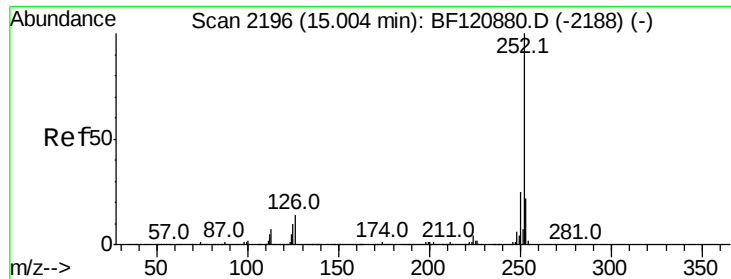
mohammad
7/27/2020 12:19:51 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Tgt Ion:	264	Resp:	421555
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.0	30.0
265	22.3	17.4	26.2





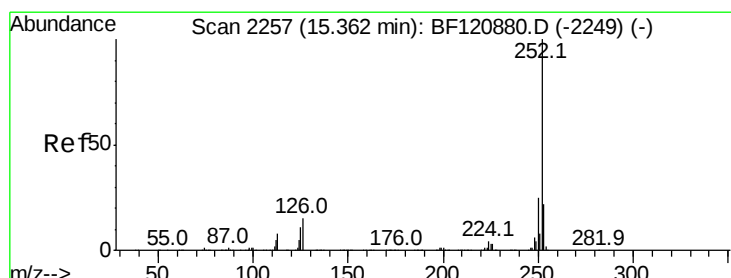
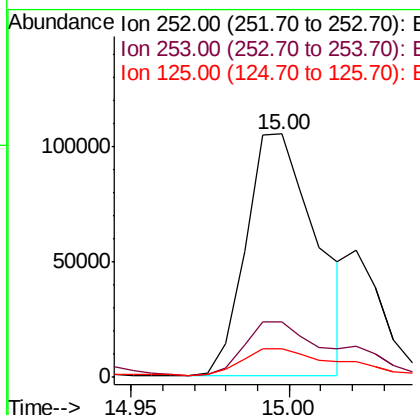
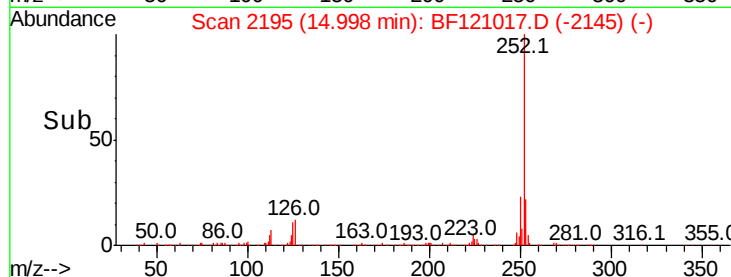
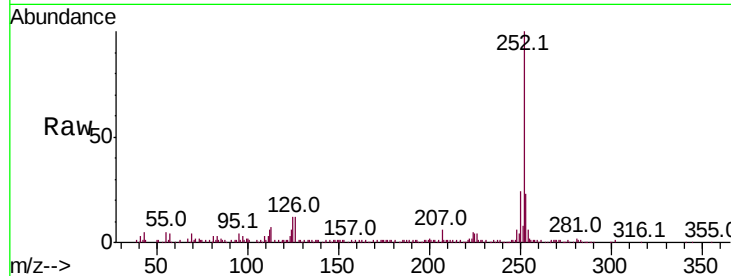
#88
Benzo(b)fluoranthene
Concen: 6.427 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Instrument :
BNA_F
ClientSampleId :
CRT-015

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.6	8.3	12.5

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:51 PM



#90
Benzo(a)pyrene
Concen: 3.687 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121017.D
Acq: 24 Jul 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.0	8.9	13.3

