

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121019.D
 Acq On : 24 Jul 2020 23:23
 Operator : JU/CG
 Sample : L3383-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-018

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:19:56 PM

Quant Time: Jul 25 01:53:15 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	149973	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	515221	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	255147	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	442072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	389091	20.00	ng	0.00
86) Perylene-d12	15.42	264	423874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	720397	78.75	ng	0.00
7) Phenol-d6	6.45	99	851400	72.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	520307	58.43	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	215198	77.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1044240	61.11	ng	0.00
79) Terphenyl-d14	12.92	244	881222	49.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	204986	11.136	ng	99
75) Fluoranthene	12.55	202	68730	2.727	ng	96
78) Pyrene	12.77	202	66428	2.415	ng	98
88) Benzo(b)fluoranthene	14.99	252	58047m	2.266	ng	

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

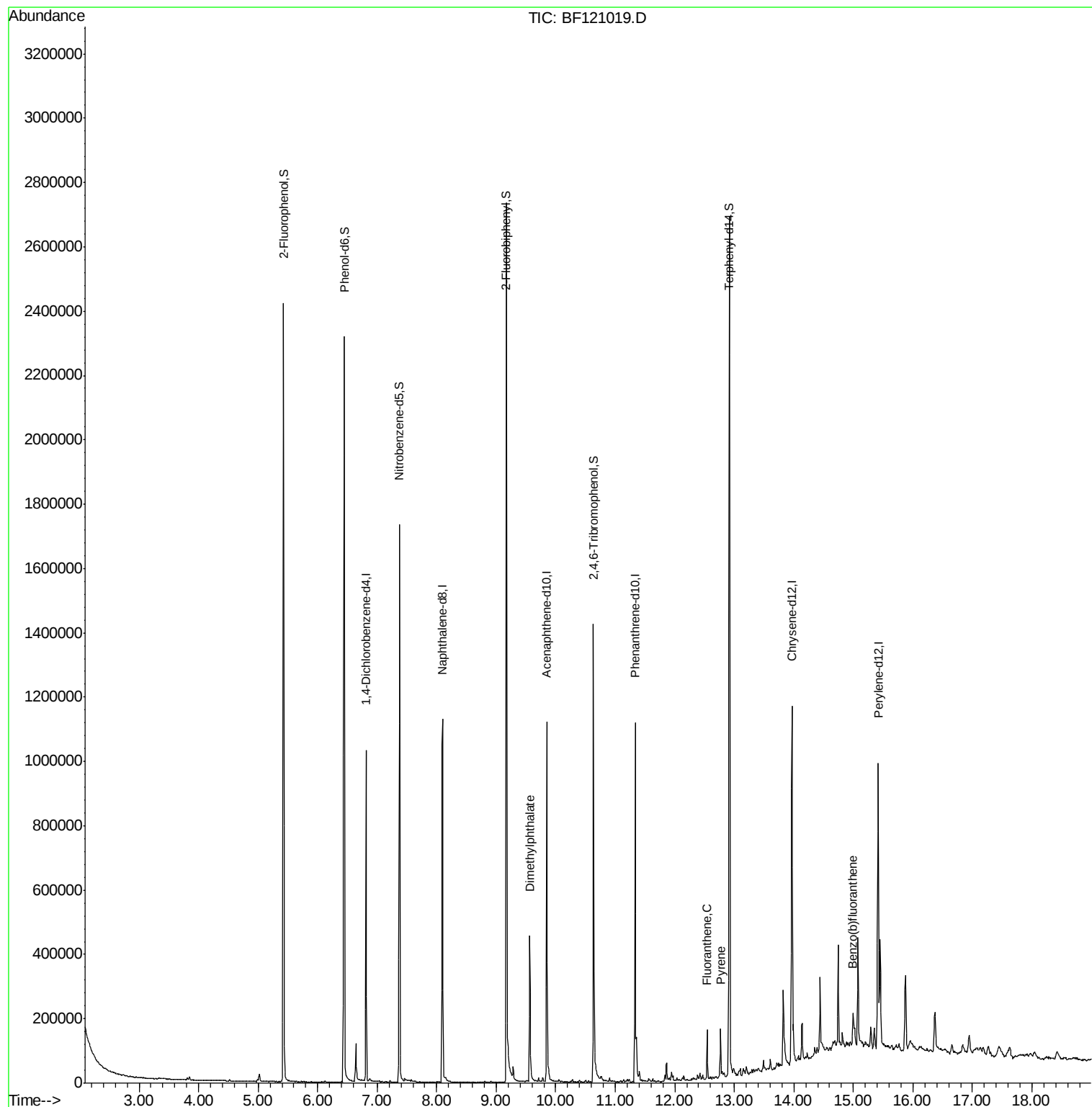
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

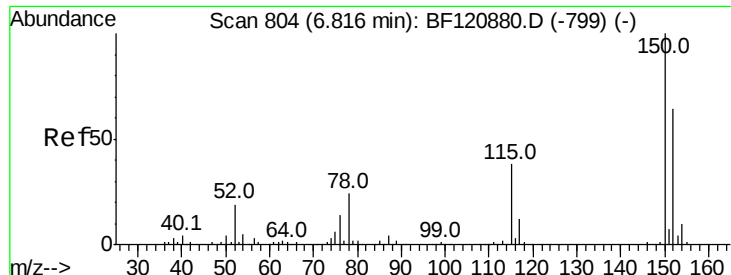
Instrument :
BNA_F
ClientSampleId :
CRT-018

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 PM

Quant Time: Jul 25 01:53:15 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

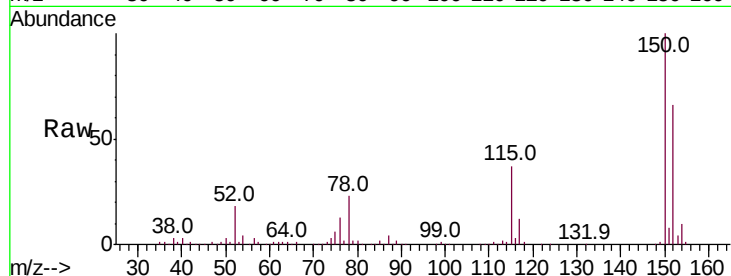
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.0	187.6
115	56.6	47.0	70.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 PM

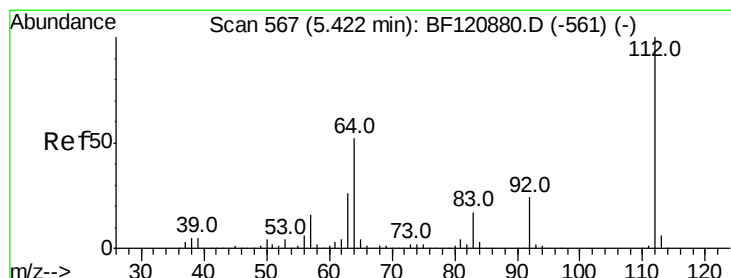
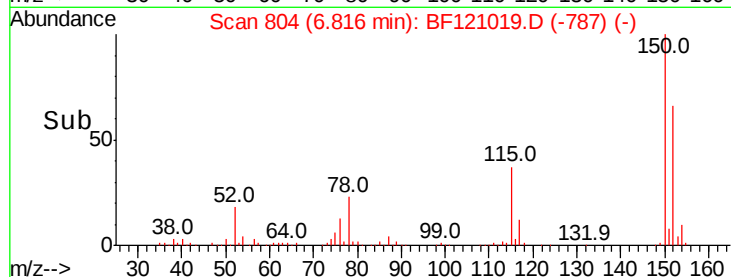
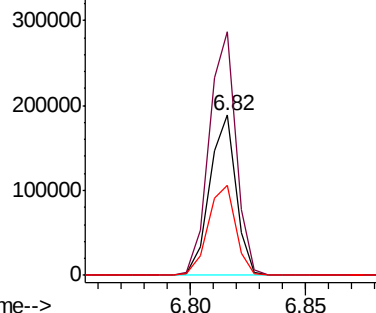


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

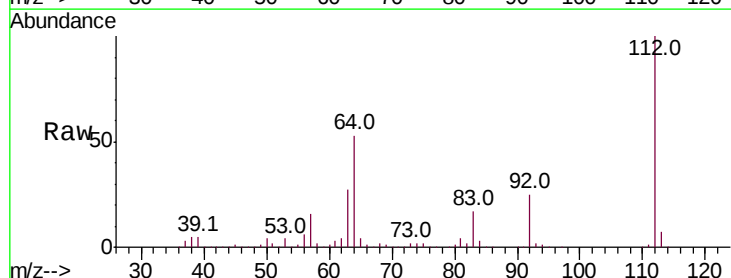
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.747 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.3	61.9
63	26.9	21.1	31.7

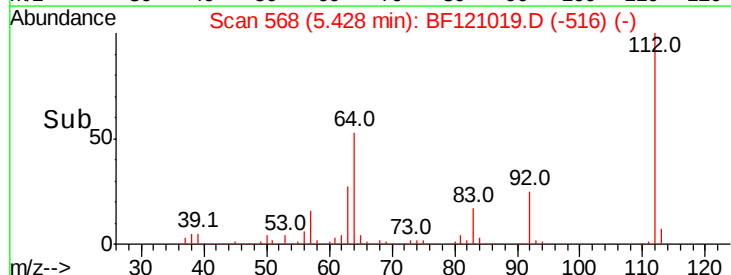
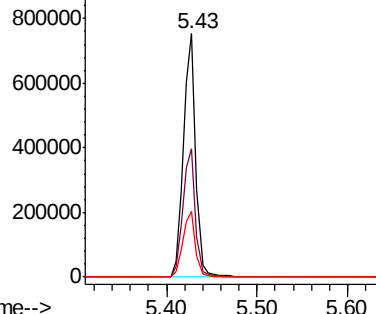


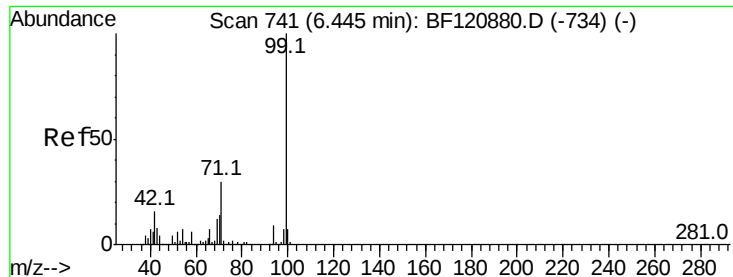
Abundance

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: 72.047 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

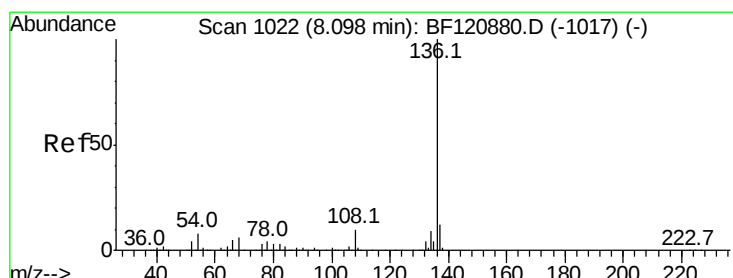
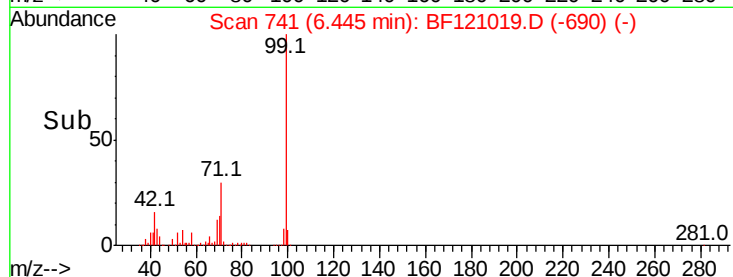
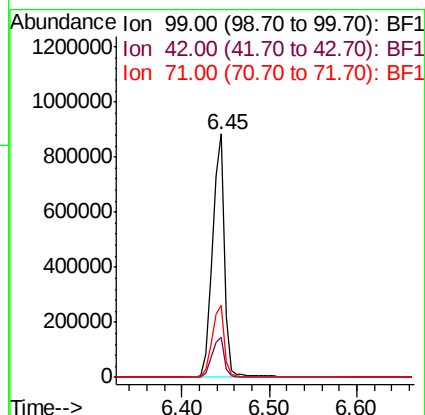
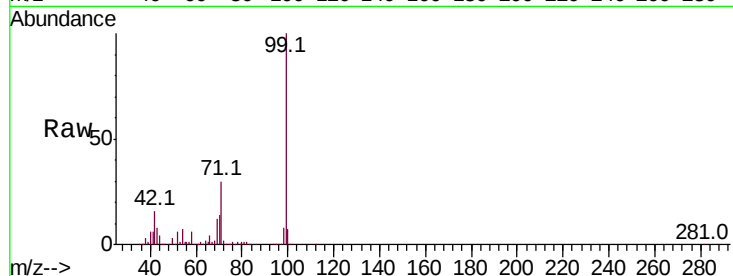
ClientSampleId :

CRT-018

Tot Ion	99	Resp	851400
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.1	19.7
71	29.9	24.2	36.4

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 PM



#21

Naphthalene-d8

Concen: 20.000 ng

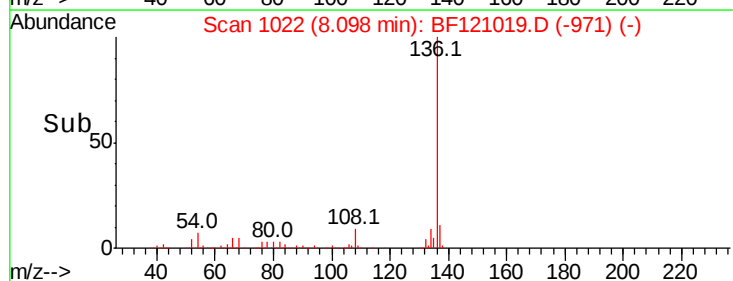
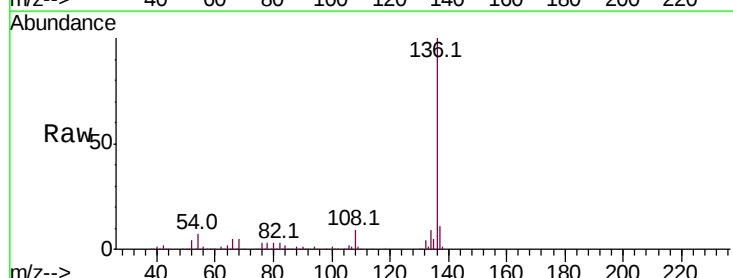
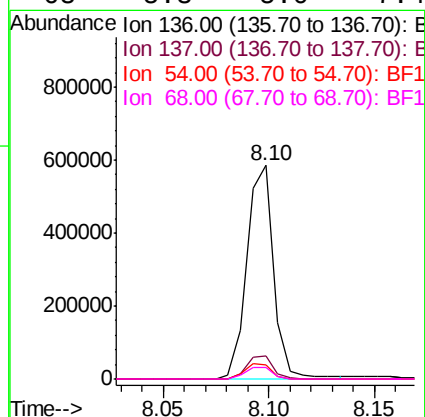
RT: 8.10 min Scan# 1022

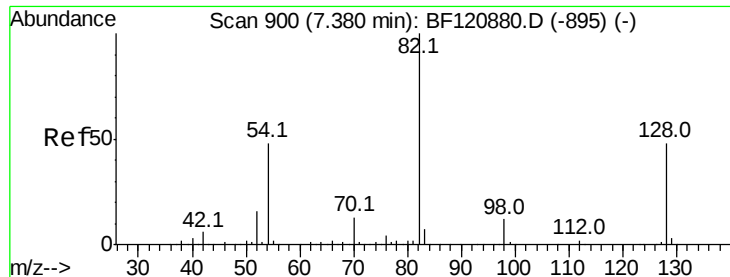
Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Tgt Ion	136	Resp	515221
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.3	13.9
54	6.6	6.3	9.5
68	5.3	5.0	7.4





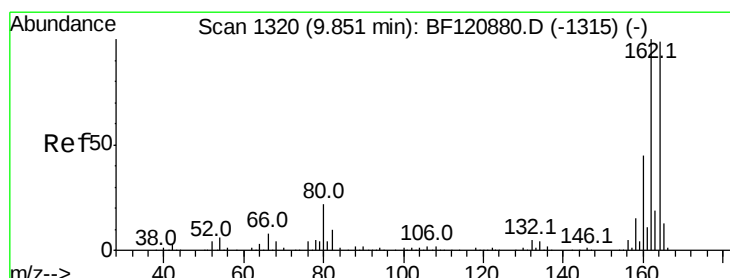
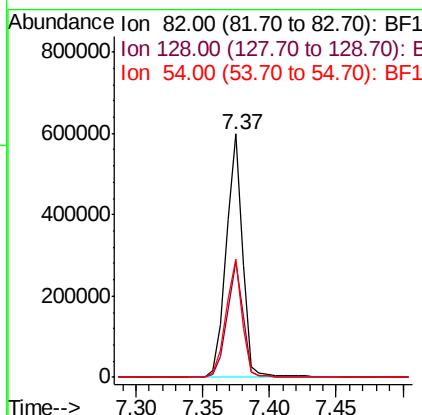
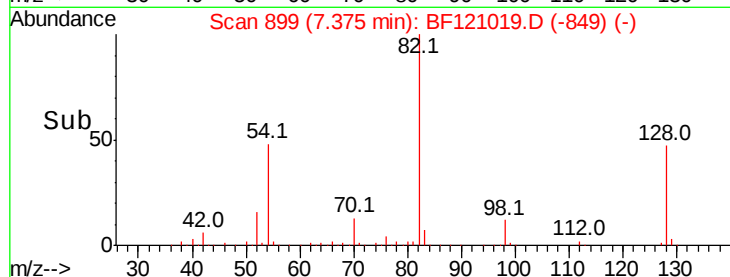
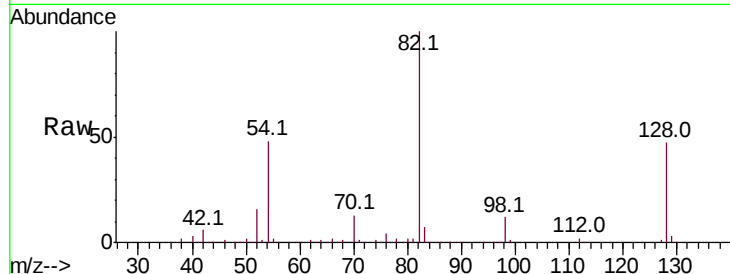
#23
 Nitrobenzene-d5
 Concen: 58.434 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :
 CRT-018

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	38.2	57.4	
54	48.3	38.7	58.1	

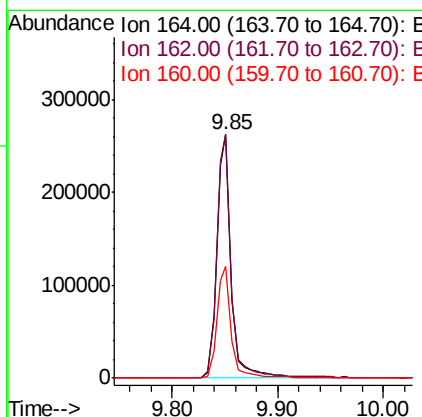
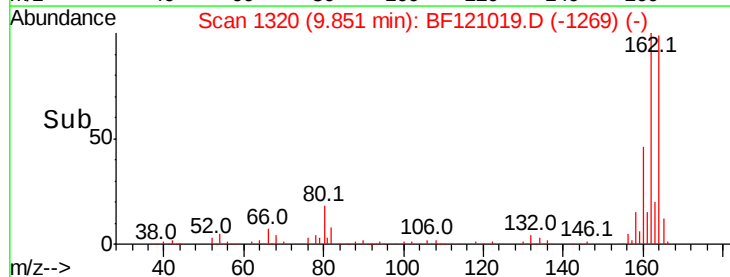
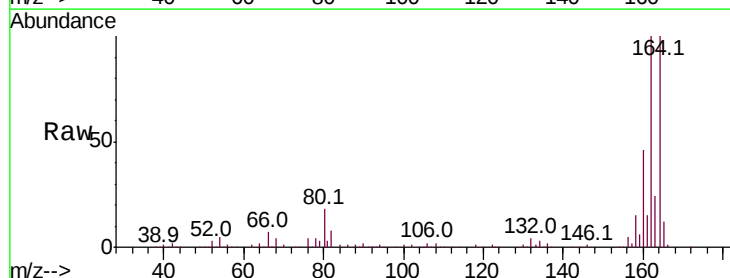
Manual Integrations
 APPROVED

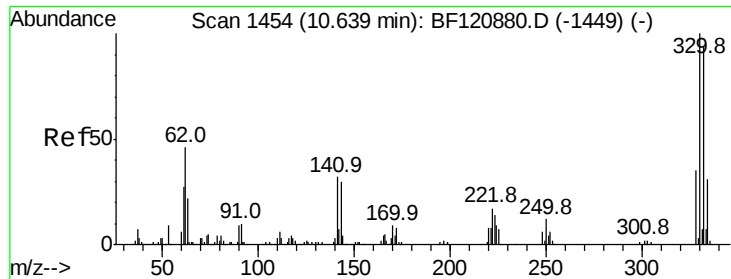
mohammad
 7/27/2020 12:19:56 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	81.2	121.8	
160	45.8	36.9	55.3	





#42

2,4,6-Tribromophenol

Concen: 77.054 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

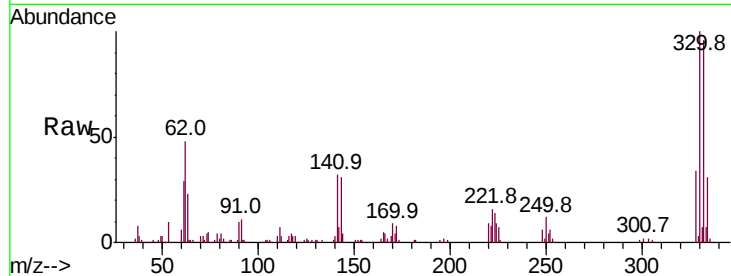
ClientSampled :

CRT-018

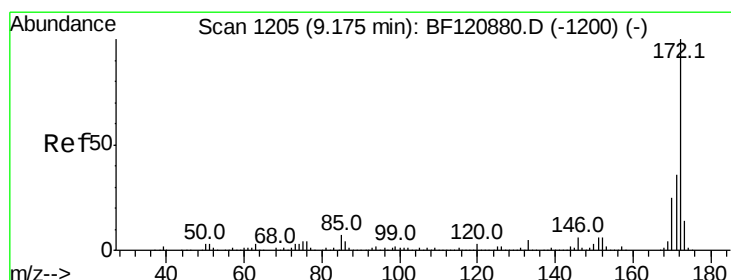
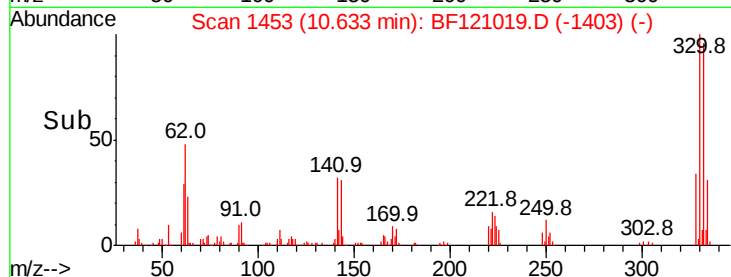
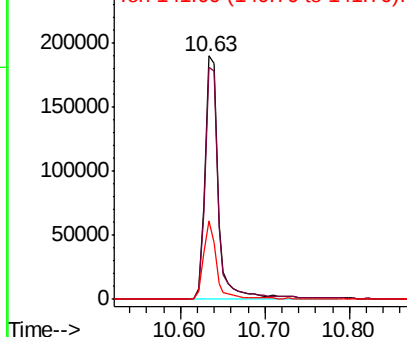
Tot Ion:	330	Resp:	215198
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.5	113.3
141	30.6	25.7	38.5

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 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: 61.106 ng

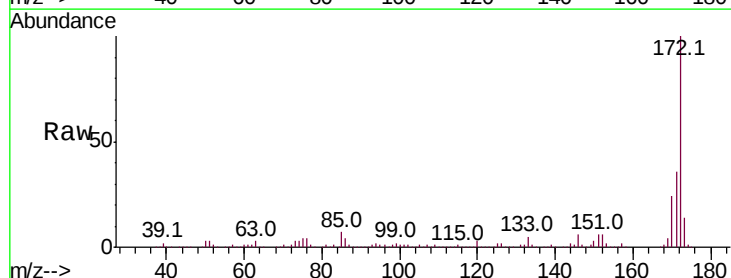
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

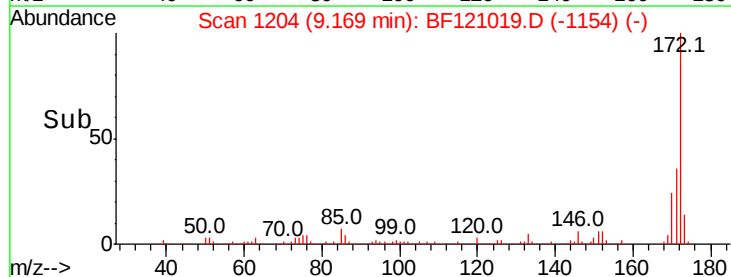
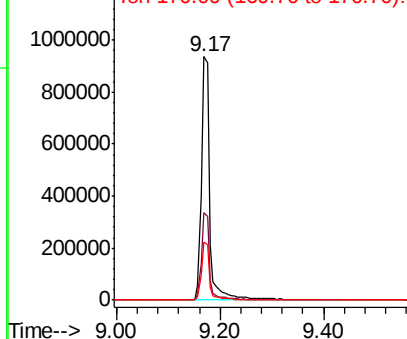
Lab File: BF121019.D

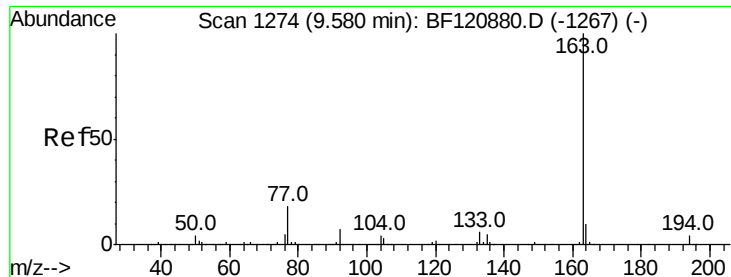
Acq: 24 Jul 2020 23:23

Tgt Ion:	172	Resp:	1044240
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.4
170	23.9	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: 11.136 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

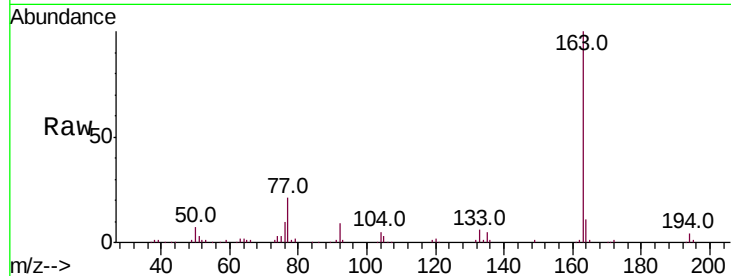
ClientSampled :

CRT-018

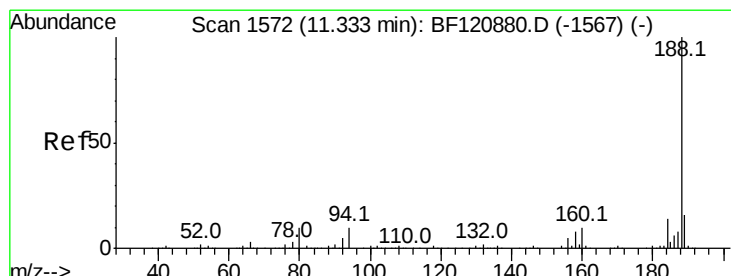
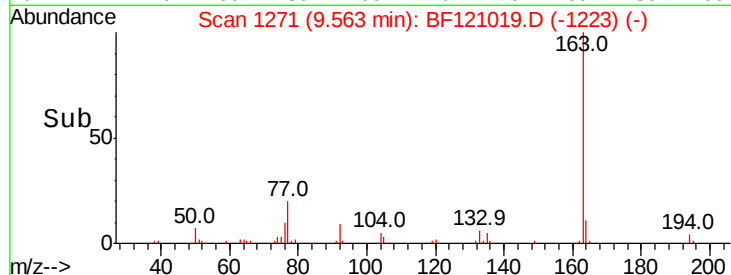
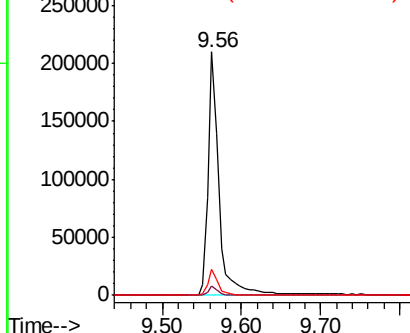
Tot Ion:	163	Resp:	204986
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.5	7.9	11.9

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 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

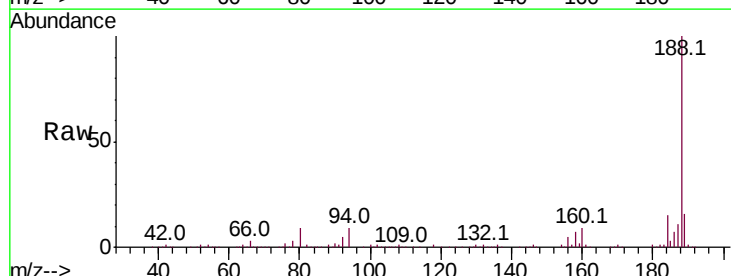
RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

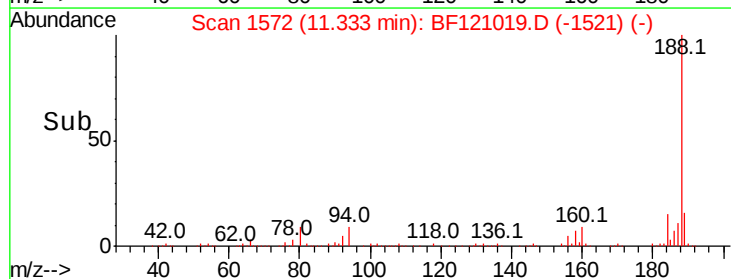
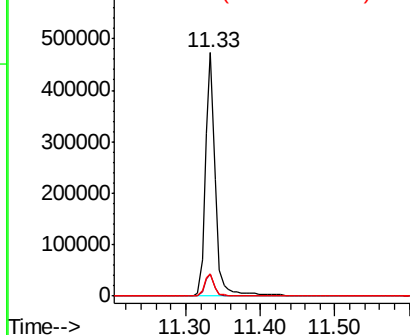
Lab File: BF121019.D

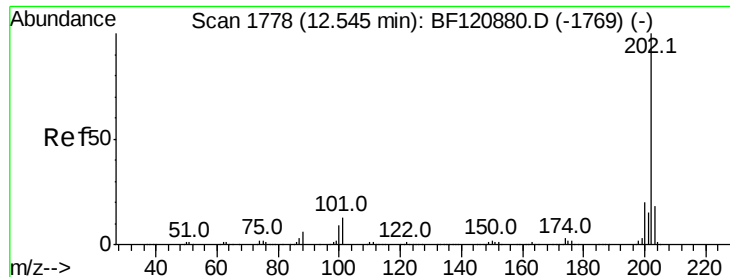
Acq: 24 Jul 2020 23:23

Tgt Ion:	188	Resp:	442072
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.0	12.0
80	9.1	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





#75

Fluoranthene

Concen: 2.727 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

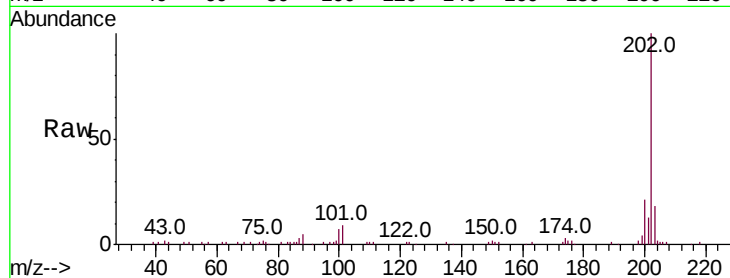
ClientSampleId :

CRT-018

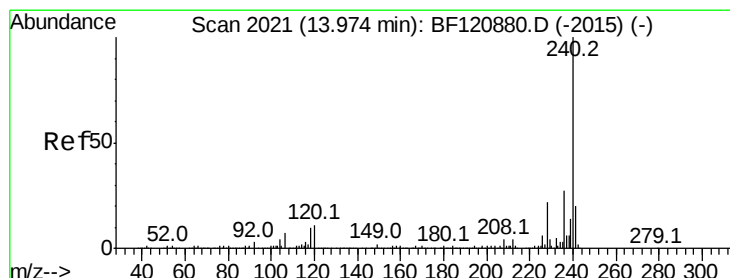
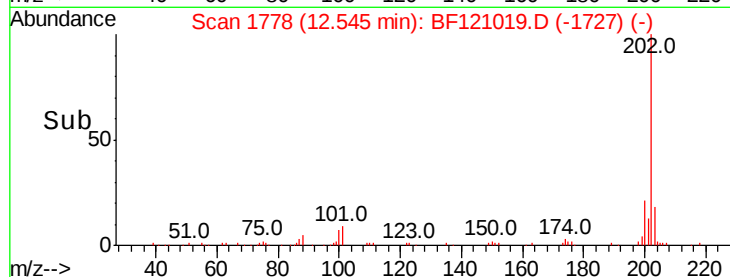
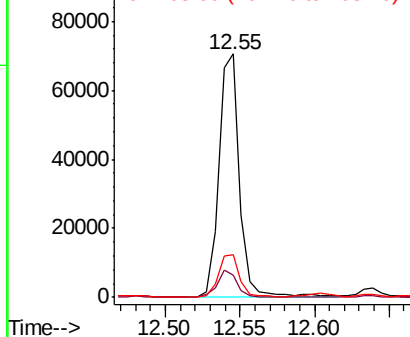
Tot Ion	Ratio	Resp	Lower	Upper
202	100	68730		
101	9.3	0.0	32.7	
203	17.5	0.0	38.0	

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

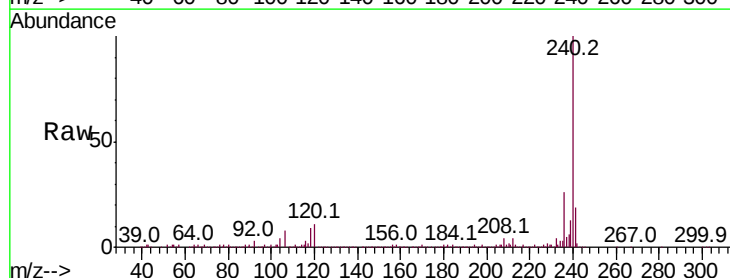
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

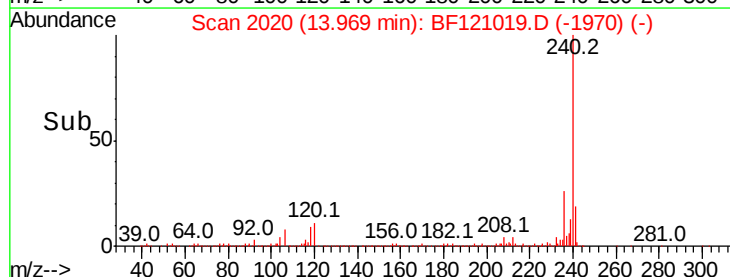
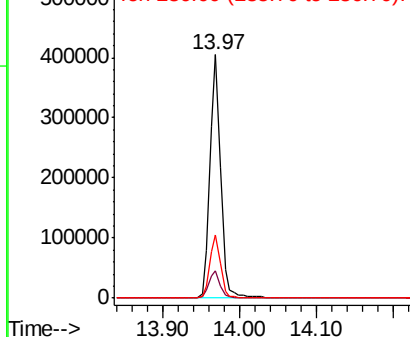
Lab File: BF121019.D

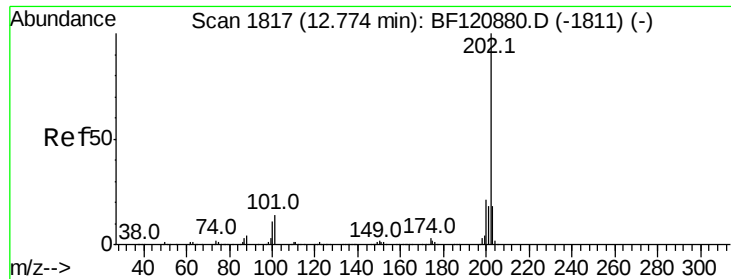
Acq: 24 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	389091		
120	11.4	9.0	13.4	
236	26.0	21.7	32.5	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





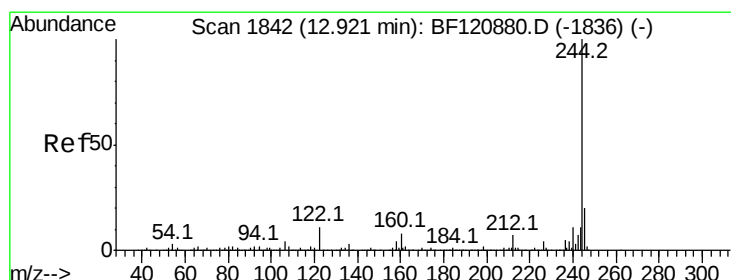
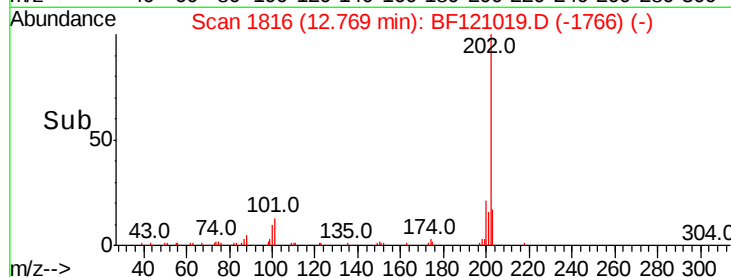
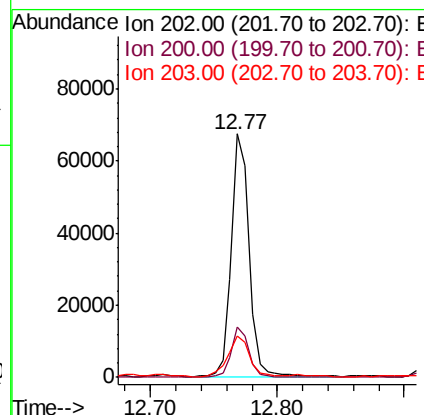
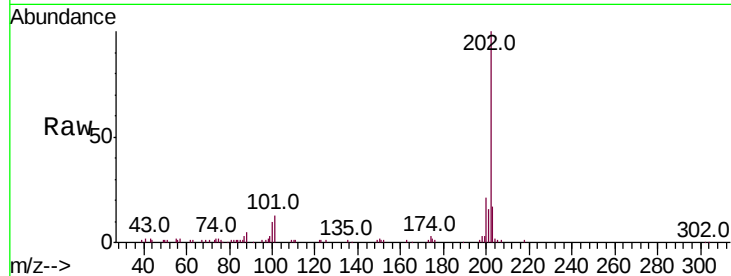
#78
Pvrene
Concen: 2.415 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.2	14.4	21.6

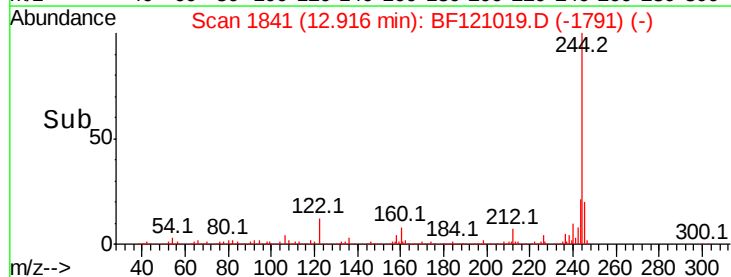
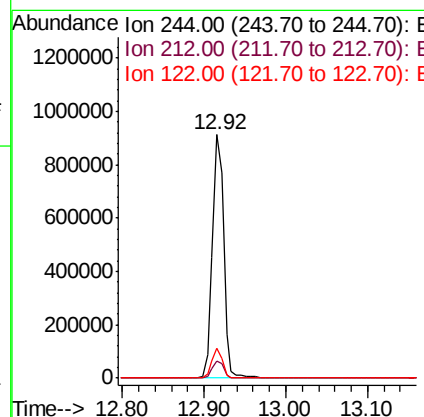
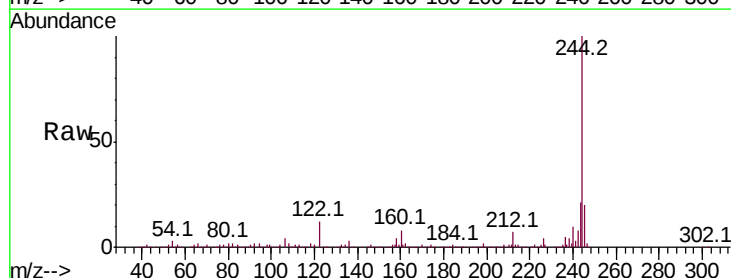
Manual Integrations
APPROVED

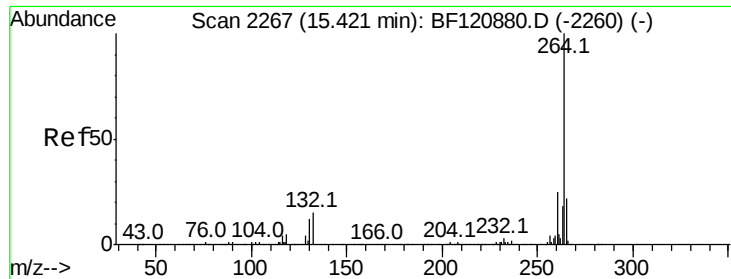
mohammad
7/27/2020 12:19:56 PM



#79
Terphenyl-d14
Concen: 49.232 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.2	8.9	13.3





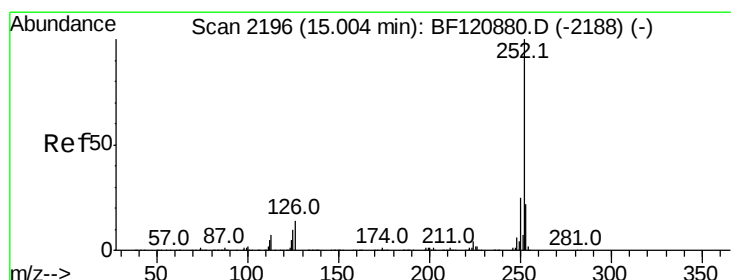
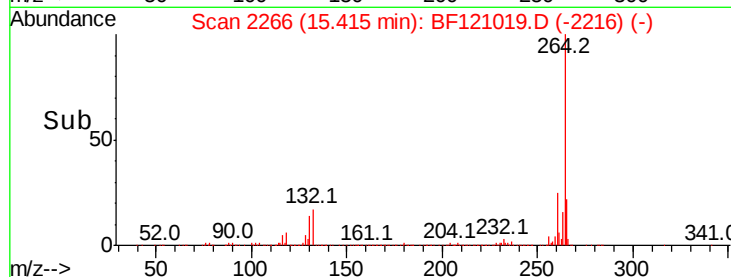
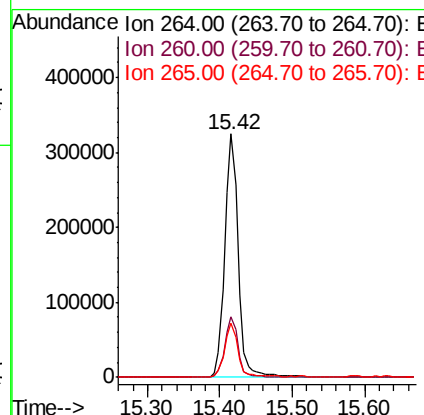
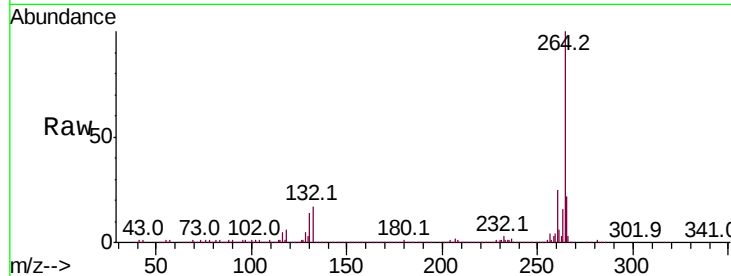
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.2	17.4	26.2

Manual Integrations
APPROVED

mohammad
7/27/2020 12:19:56 PM



#88
Benzo(b)fluoranthene
Concen: 2.266 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.9	8.3	12.5

