

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121083.D
 Acq On : 28 Jul 2020 22:25
 Operator : JU/CG
 Sample : L3439-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:41 AM

Quant Time: Jul 29 06:33:30 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	6.81	152	157269	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604738	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317614	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	632886	20.00	ng	0.00
76) Chrysene-d12	13.97	240	616861	20.00	ng	0.00
86) Perylene-d12	15.42	264	631359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1034626	107.85	ng	0.02
7) Phenol-d6	6.45	99	1127687	91.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	874234	83.65	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	472022	135.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1629754	76.61	ng	0.00
79) Terphenyl-d14	12.92	244	1832712	64.58	ng	0.00
Target Compounds						
10) Phenol	6.46	94	74683	5.479	ng	95
32) Benzoic acid	7.83	122	16515m	2.533	ng	
50) Dimethylphthalate	9.56	163	204942	8.944	ng	99

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

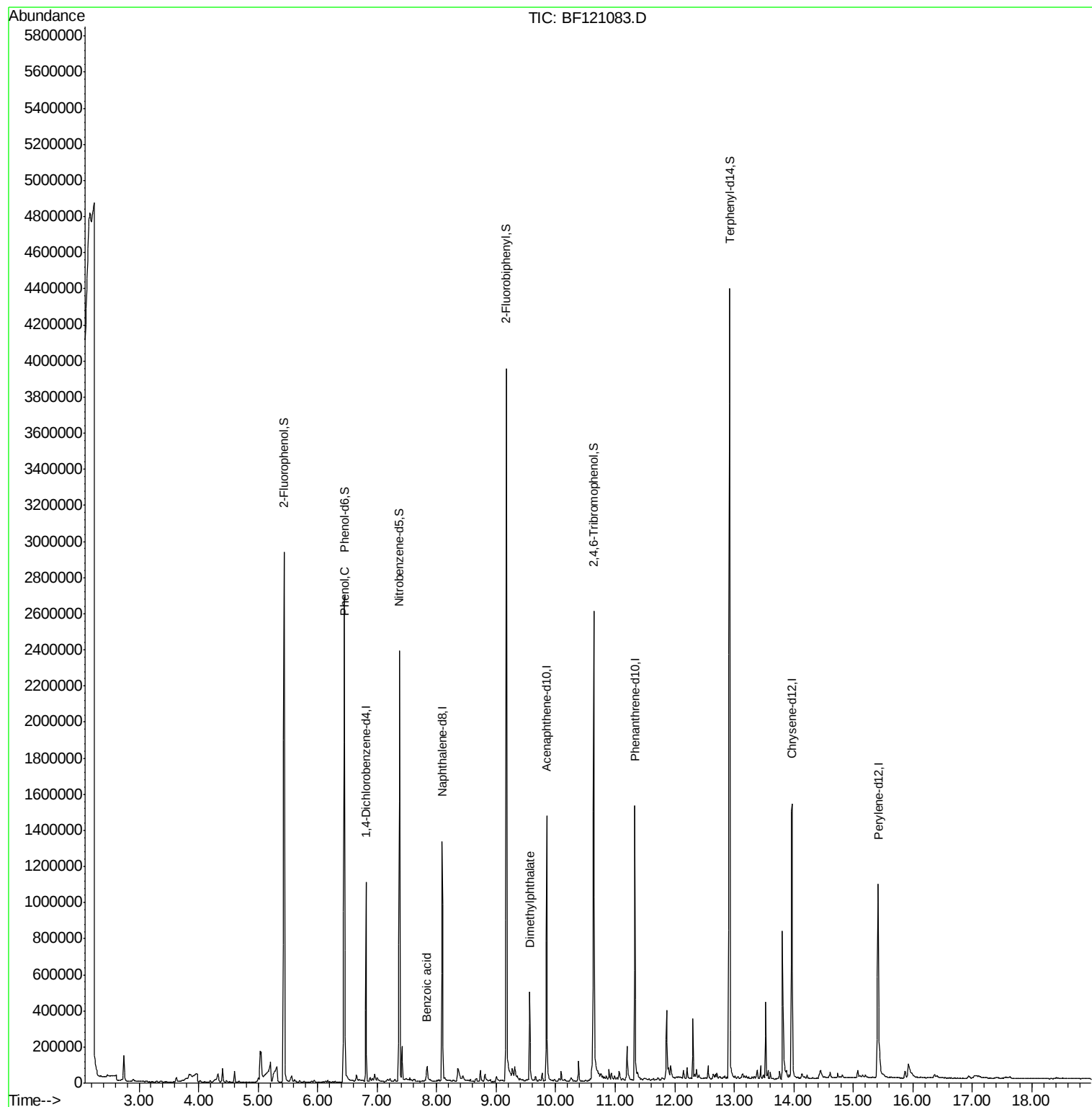
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121083.D
Acq On : 28 Jul 2020 22:25
Operator : JU/CG
Sample : L3439-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:41 AM

Quant Time: Jul 29 06:33:30 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

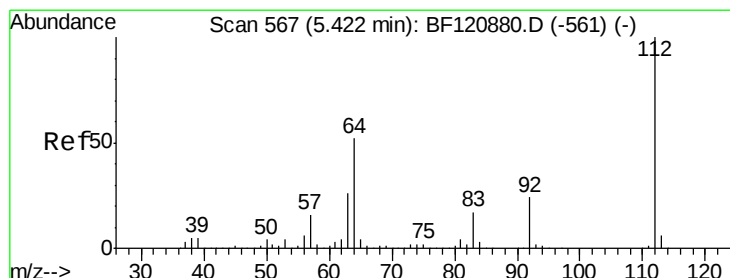
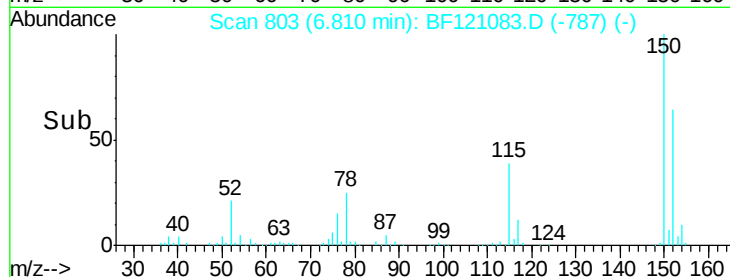
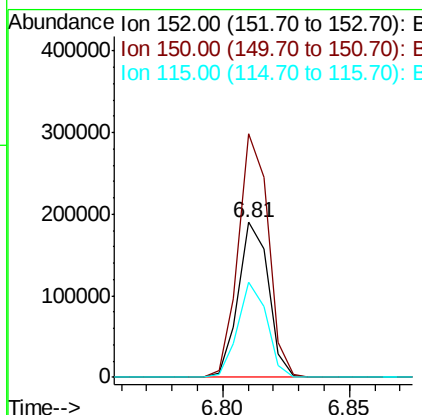
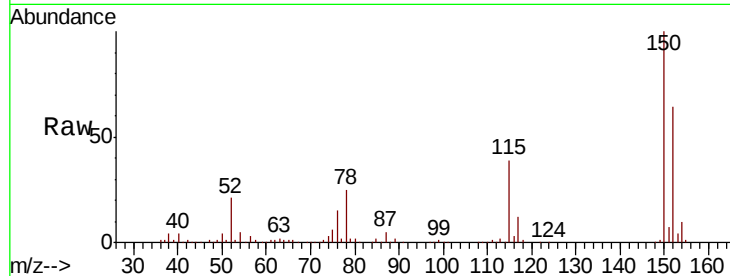
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.0	187.6
115	61.2	47.0	70.4

Manual Integrations
APPROVED

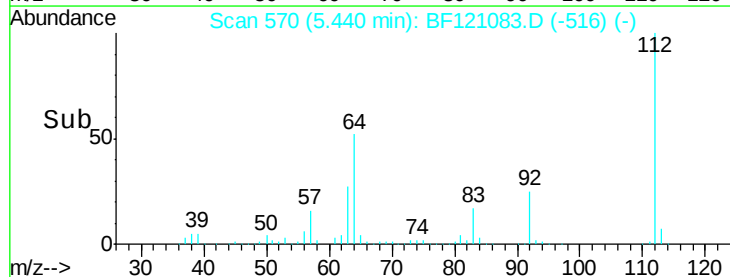
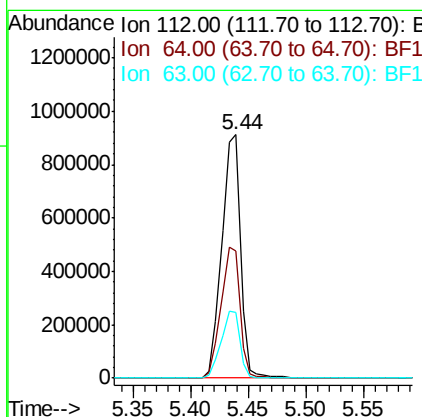
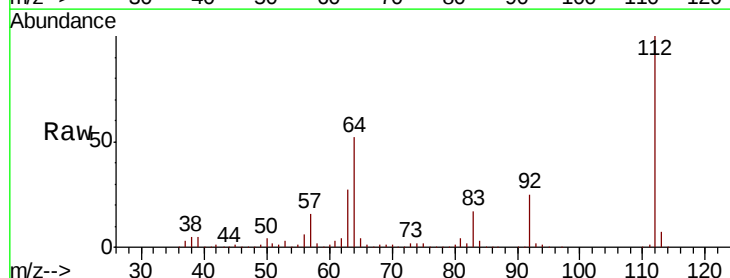
mohammad
7/29/2020 11:47:41 AM

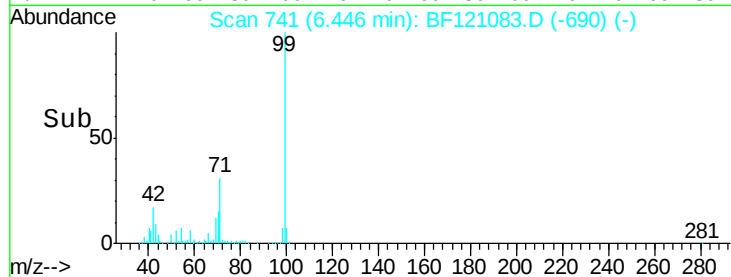
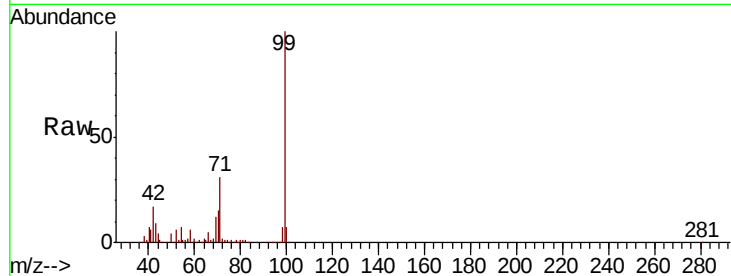


#5

2-Fluorophenol
Concen: 107.848 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.3	61.9
63	26.8	21.1	31.7





#7

Phenol-d6

Concen: 91.000 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Tot Ion:	99	Resp:	1127687
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.5	24.2	36.4

Instrument :

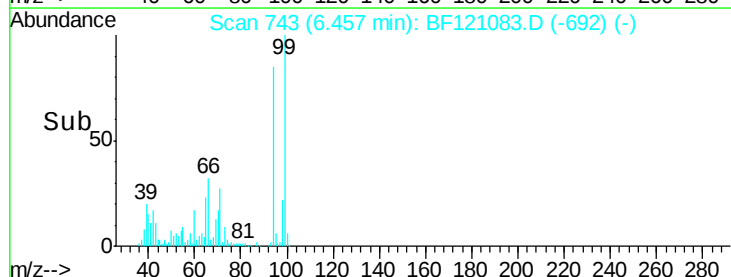
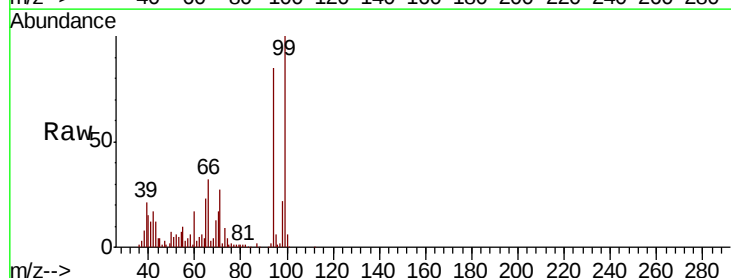
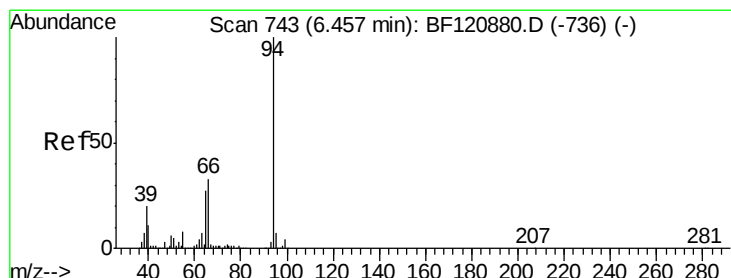
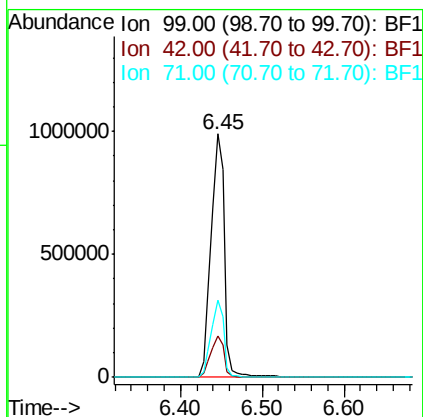
BNA_F

ClientSampleId :

20200444-3002D

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:41 AM



#10

Phenol

Concen: 5.479 ng

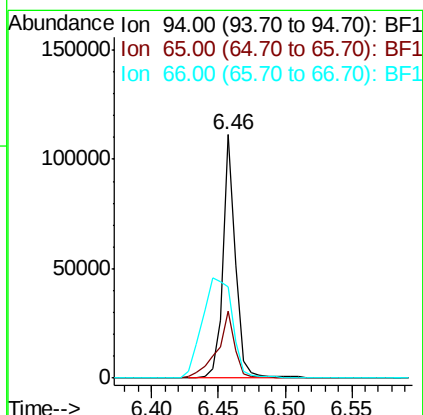
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Tgt Ion:	94	Resp:	74683
Ion	Ratio	Lower	Upper
94	100		
65	27.3	6.6	46.6
66	37.7	13.2	53.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Instrument :

BNA_F

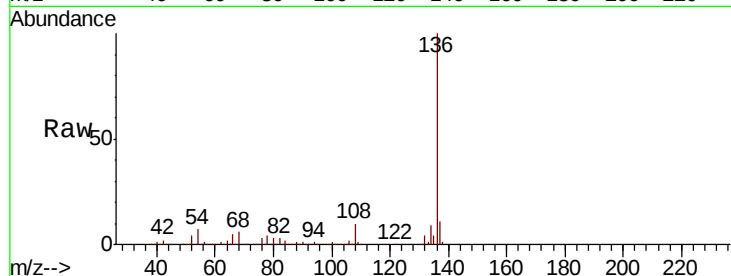
ClientSampleId :

20200444-3002D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		604738		
137	11.2	9.3	13.9		
54	7.4	6.3	9.5		
68	6.1	5.0	7.4		

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:41 AM

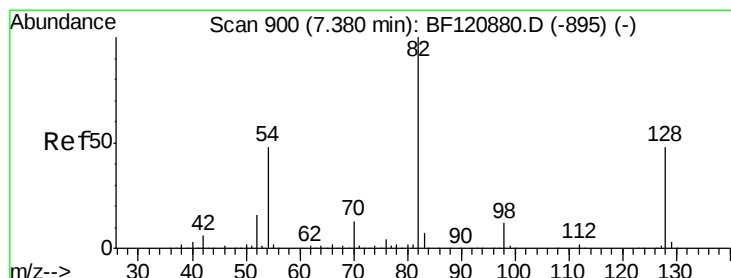
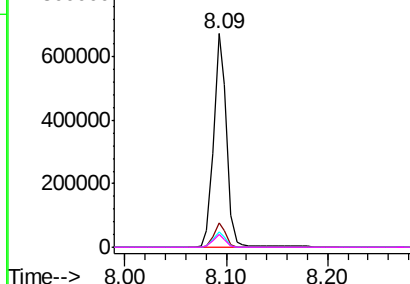
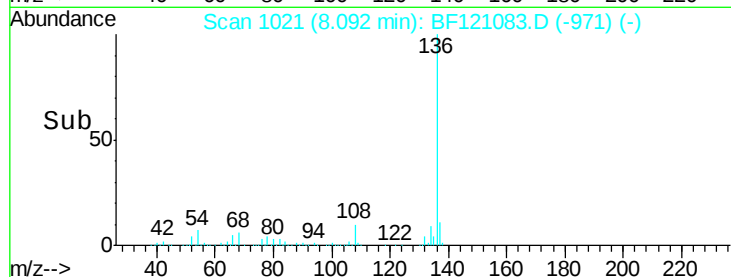


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.649 ng

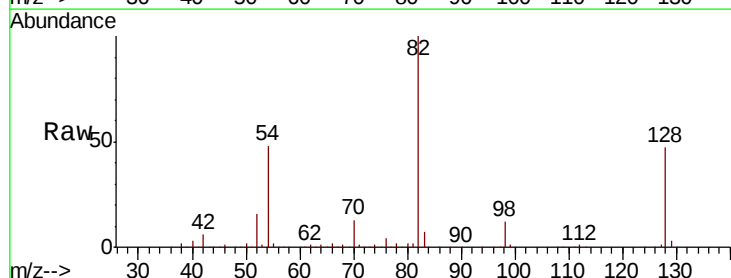
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

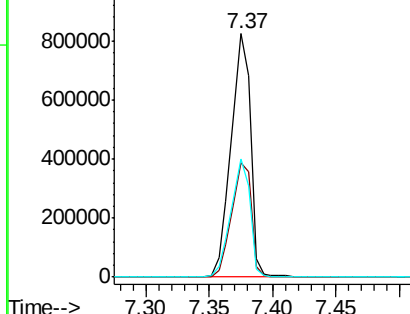
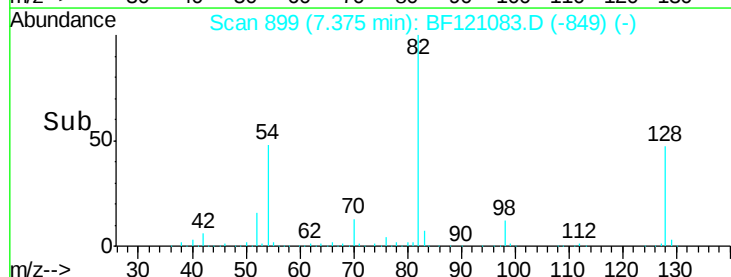
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		874234		
128	47.0	38.2	57.4		
54	48.4	38.7	58.1		

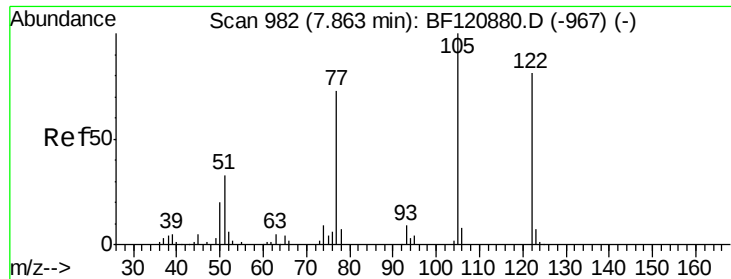


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





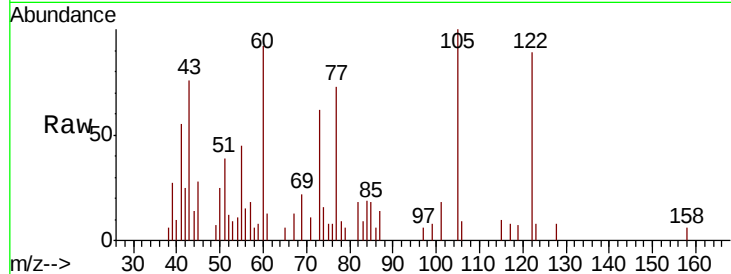
#32
Benzoic acid
Concen: 2.533 ng m
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Tot Ion	Ratio	Lower	Upper
122	100		
105	112.1	101.3	141.3
77	81.3	69.1	109.1

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:41 AM

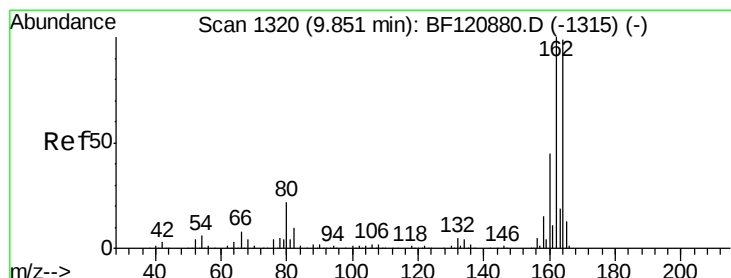
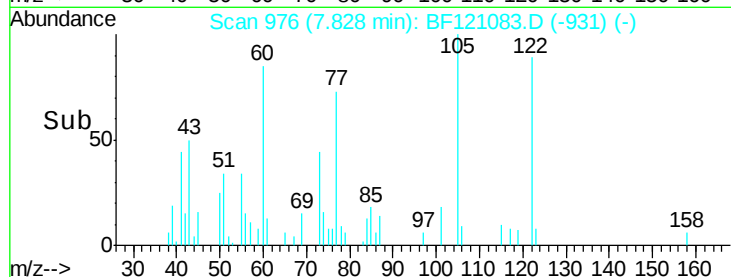
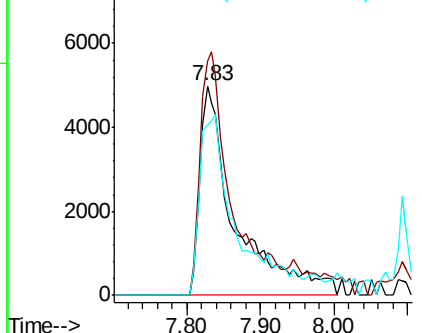


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

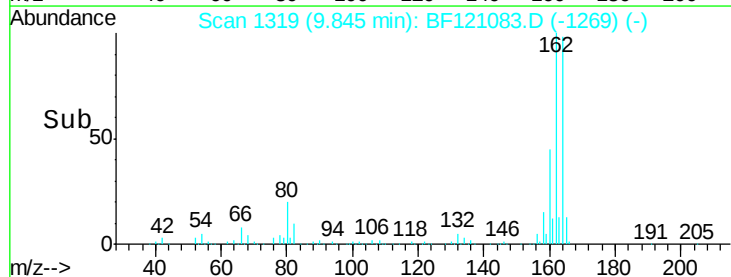
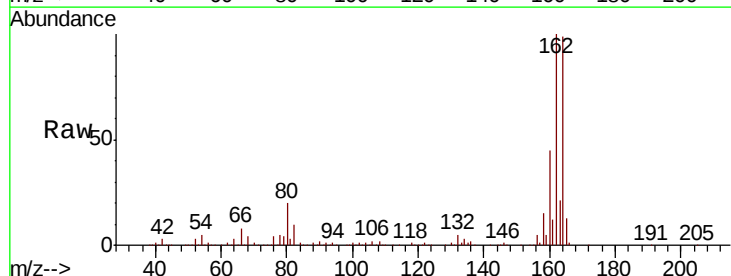
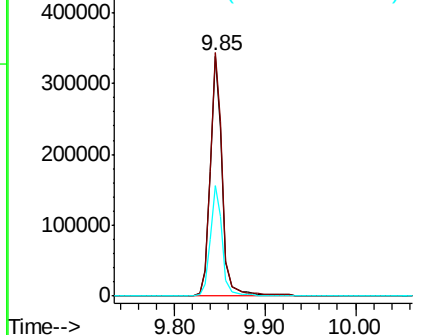
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	46.0	36.9	55.3

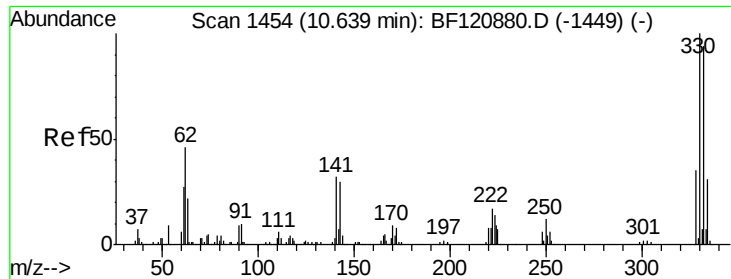
Abundance

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





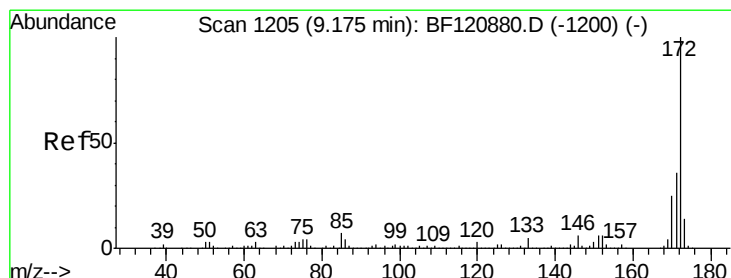
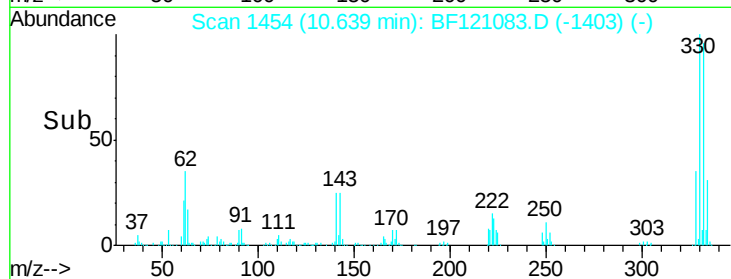
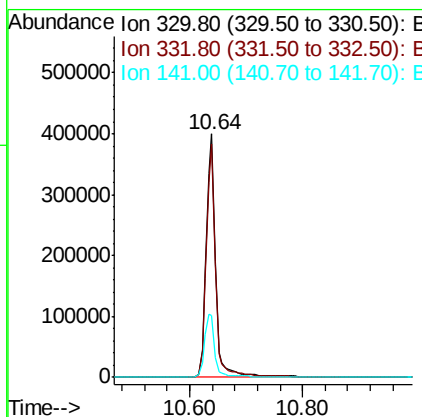
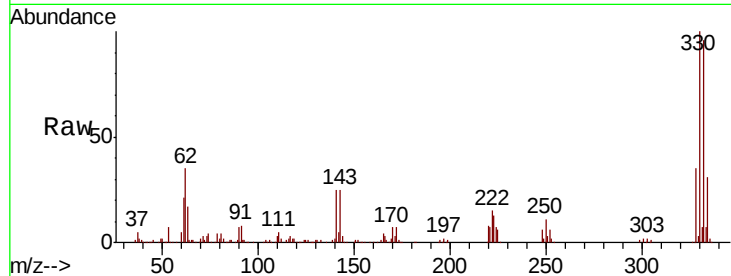
#42
 2,4,6-Tribromophenol
 Concen: 135.771 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	28.9	25.7	38.5

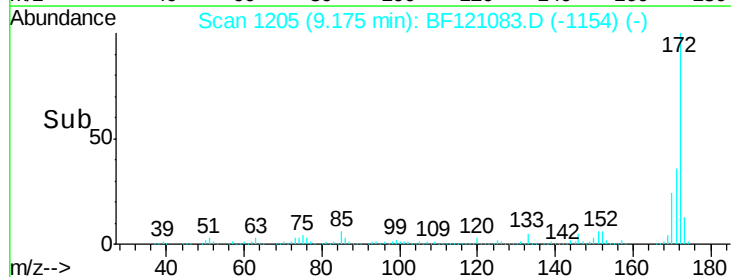
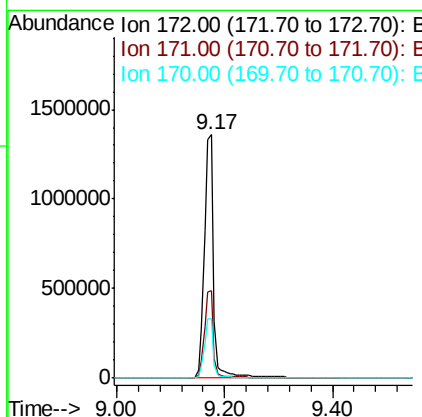
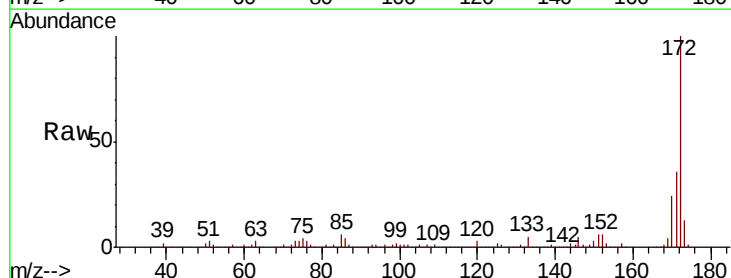
Manual Integrations
 APPROVED

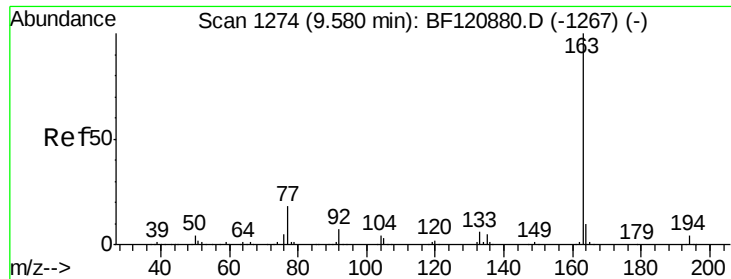
mohammad
 7/29/2020 11:47:41 AM



#45
 2-Fluorobiphenyl
 Concen: 76.612 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	19.6	29.4





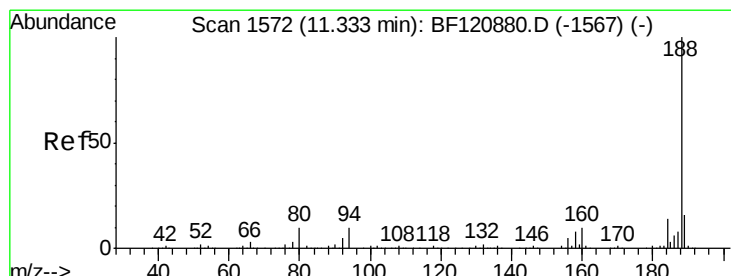
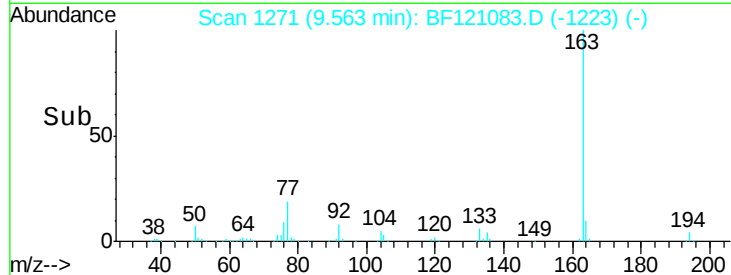
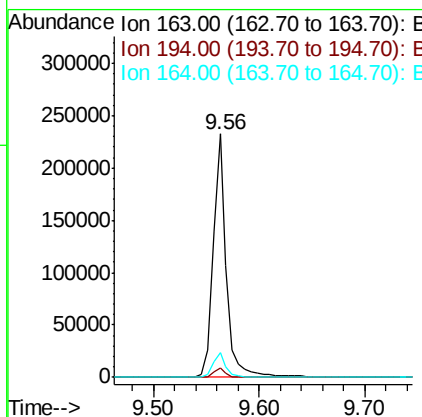
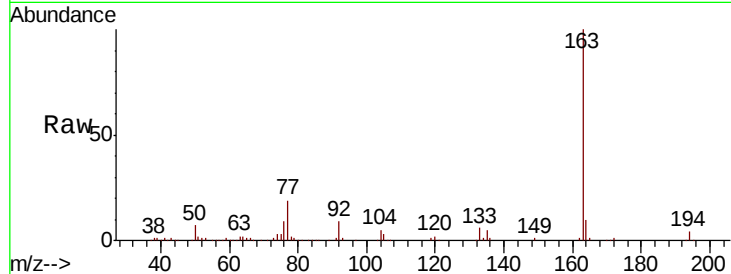
#50
Dimethylphthalate
Concen: 8.944 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Instrument :
BNA_F
ClientSampleId :
20200444-3002D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		204942		
194	3.9		3.2	4.8	
164	10.4		7.9	11.9	

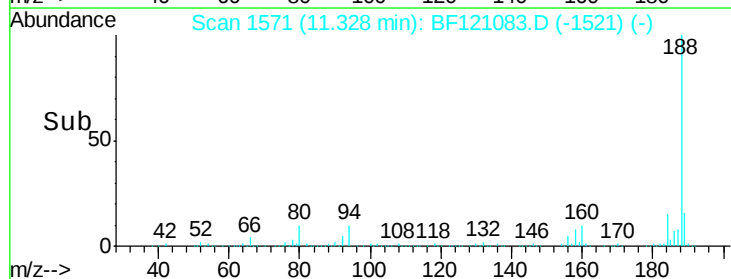
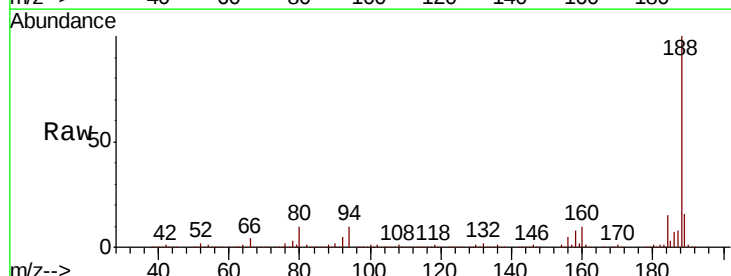
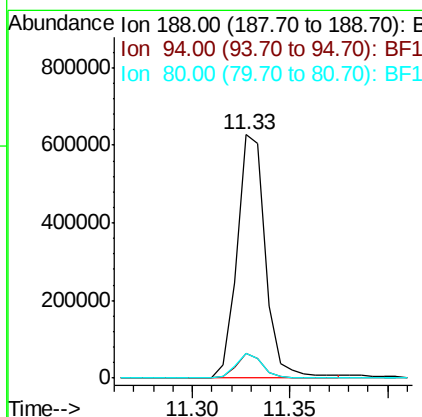
Manual Integrations
APPROVED

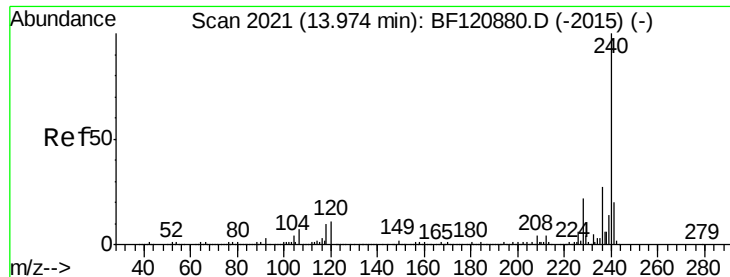
mohammad
7/29/2020 11:47:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121083.D
Acq: 28 Jul 2020 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		632886		
94	10.2		8.0	12.0	
80	10.4		8.3	12.5	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Instrument :

BNA_F

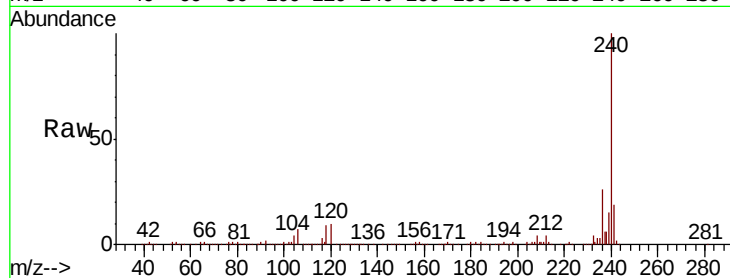
ClientSampleId :

20200444-3002D

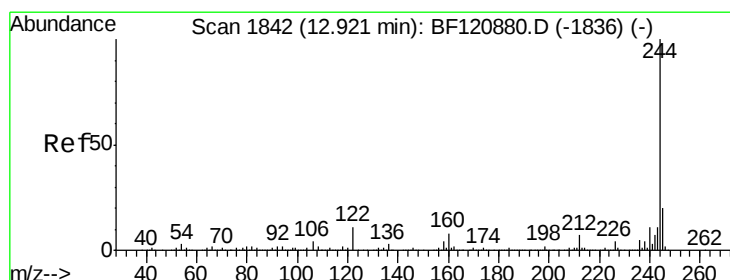
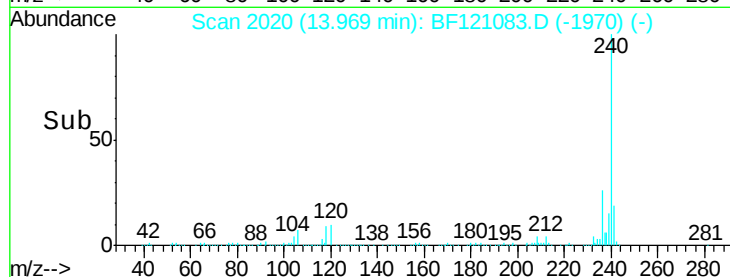
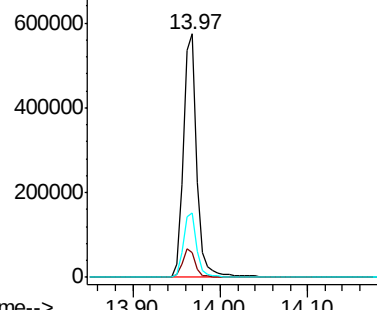
Tot Ion:	240	Resp:	616861
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.0	13.4
236	26.4	21.7	32.5

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:41 AM



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



#79

Terphenyl-d14

Concen: 64.584 ng

RT: 12.92 min Scan# 1842

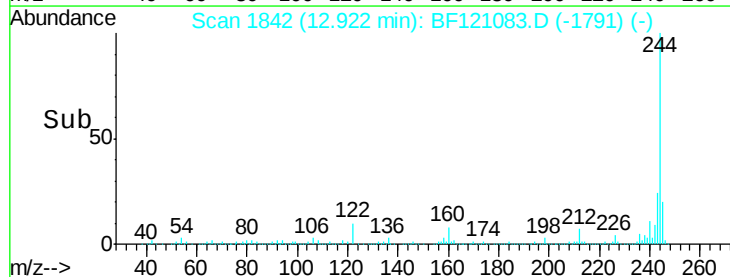
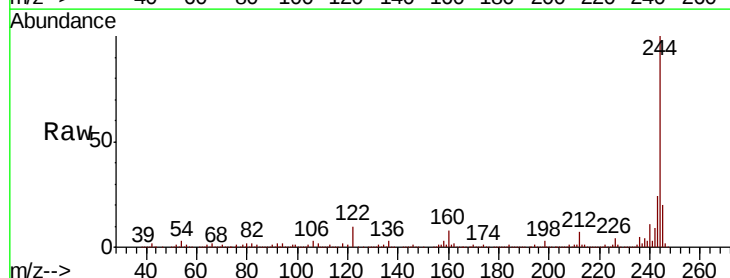
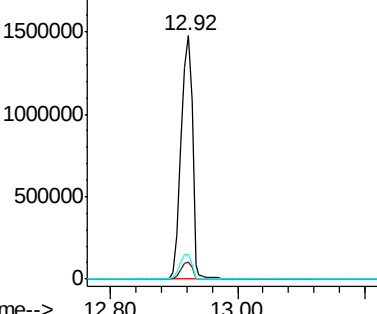
Delta R.T. 0.00 min

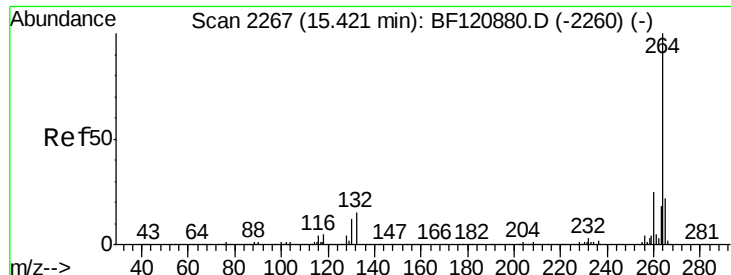
Lab File: BF121083.D

Acq: 28 Jul 2020 22:25

Tgt Ion:	244	Resp:	1832712
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.6	8.4
122	10.0	8.9	13.3

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





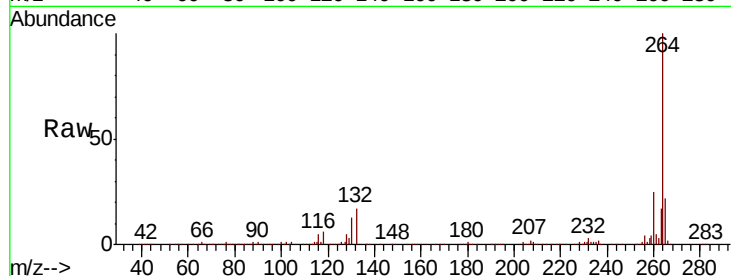
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121083.D
 Acq: 28 Jul 2020 22:25

Instrument :
 BNA_F
 ClientSampleId :
 20200444-3002D

Tot Ion:	264	Resp:	631359
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.0	30.0
265	21.9	17.4	26.2

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:41 AM



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

