

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121606.D
 Acq On : 17 Sep 2020 19:56
 Operator : JU/CG
 Sample : L4021-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B14-1-3

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:32:31 AM

Quant Time: Sep 18 01:34:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	177670	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	670976	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	318354	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	486055	20.00	ng	0.00
76) Chrysene-d12	13.98	240	323772	20.00	ng	-0.01
86) Perylene-d12	15.43	264	341560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	525604	43.96	ng	0.00
7) Phenol-d6	6.47	99	1206039	76.89	ng	0.00
23) Nitrobenzene-d5	7.39	82	777939	62.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	81446	20.58	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1317902	62.70	ng	-0.01
79) Terphenyl-d14	12.93	244	915015	57.25	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	49648	2.973	ng	Qvalue 90
50) Dimethylphthalate	9.57	163	135833	5.887	ng	100
71) Phenanthrene	11.37	178	97105	3.667	ng	98
75) Fluoranthene	12.55	202	119086	4.213	ng	98
78) Pyrene	12.78	202	122202	5.166	ng	98
81) Benzo(a)anthracene	13.97	228	57587	2.811	ng	93
83) Chrysene	14.00	228	64013m	3.086	ng	
88) Benzo(b)fluoranthene	15.01	252	84566m	3.704	ng	
90) Benzo(a)pyrene	15.37	252	55500	2.859	ng	# 91

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

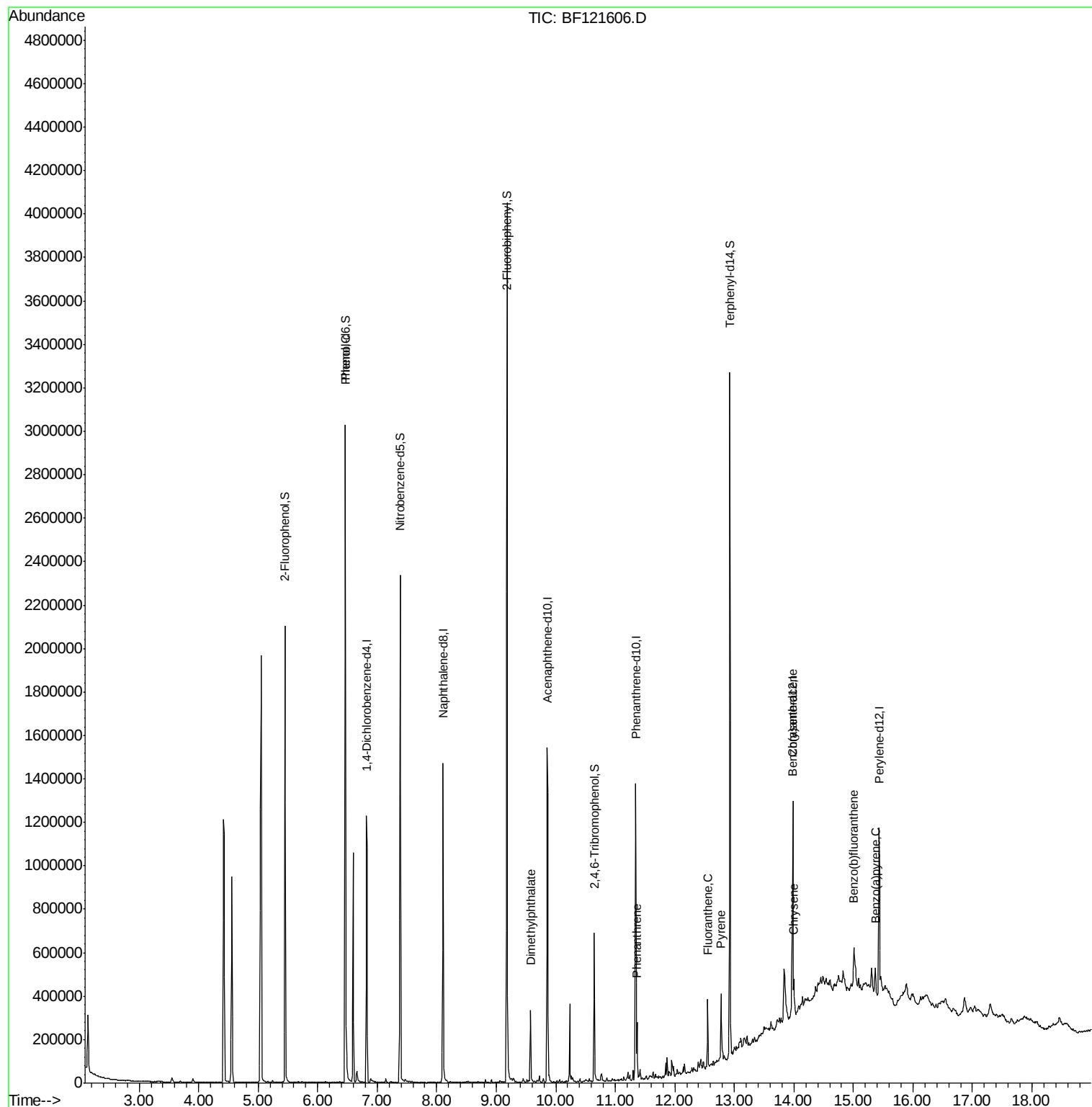
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121606.D
Acq On : 17 Sep 2020 19:56
Operator : JU/CG
Sample : L4021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

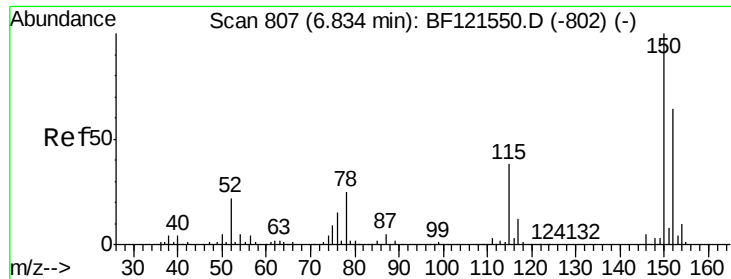
Instrument :
BNA_F
ClientSampleId :
B14-1-3

Manual Integrations
APPROVED

mohammad
9/21/2020 10:32:31 AM

Quant Time: Sep 18 01:34:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration





#1

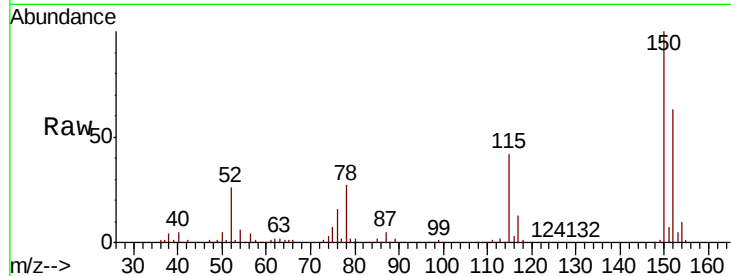
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampled :
B14-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.8	188.6
115	65.6	47.8	71.8

Manual Integrations
APPROVED

mohammad
9/21/2020 10:32:31 AM

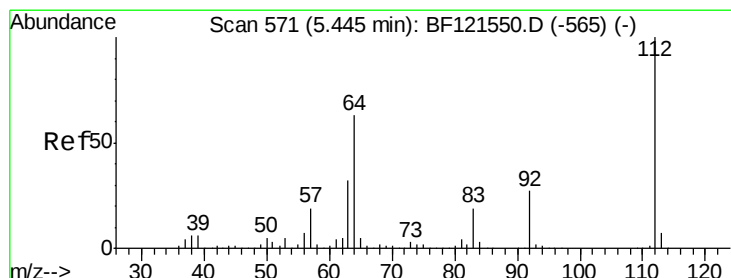
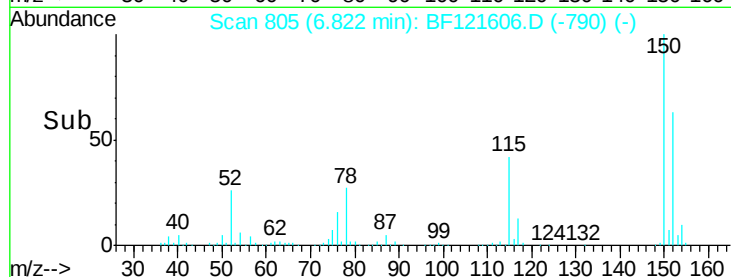
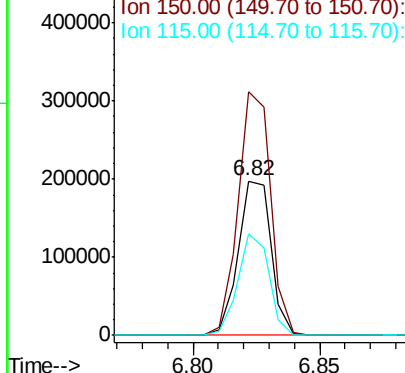


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

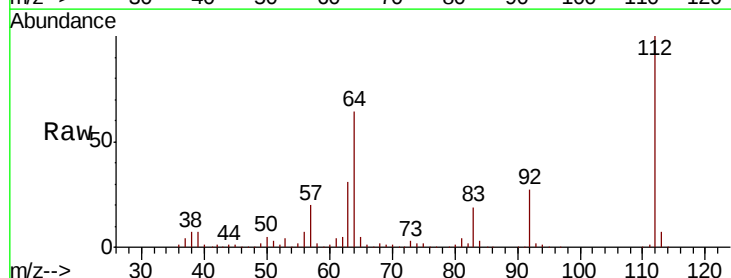
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.964 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.3	75.5
63	31.5	25.6	38.4

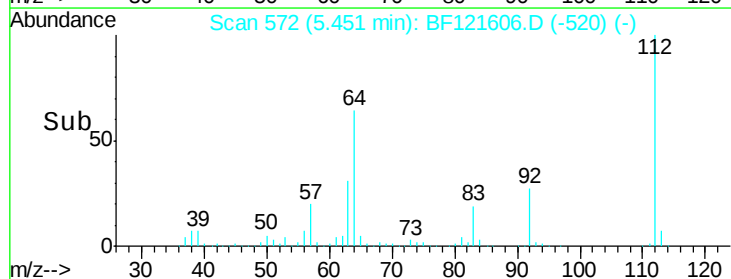
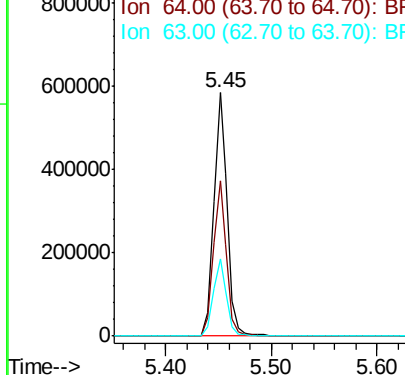


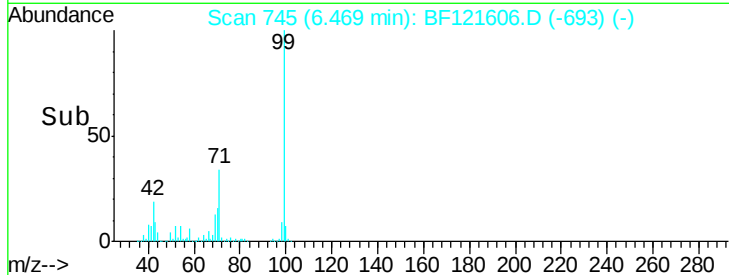
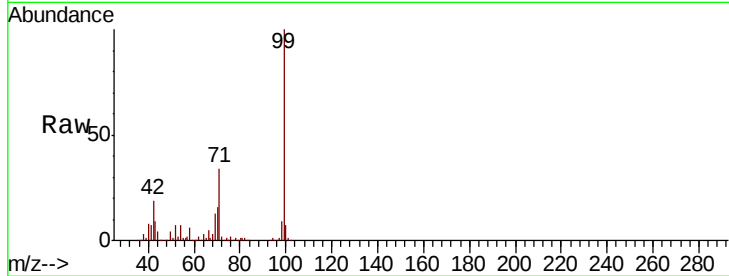
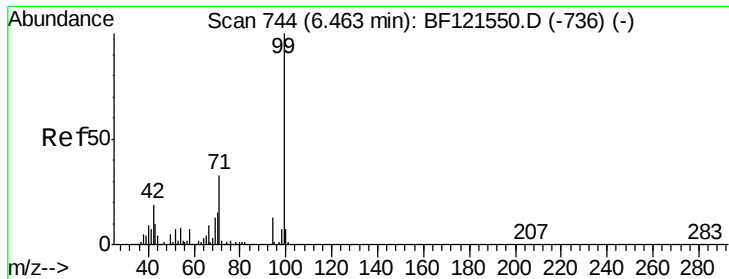
Abundance

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: 76.893 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121606.D

Acq: 17 Sep 2020 19:56

Tot Ion: 99 Resp: 1206039

Ion Ratio Lower Upper

99 100

42 18.7 15.5 23.3

71 33.7 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

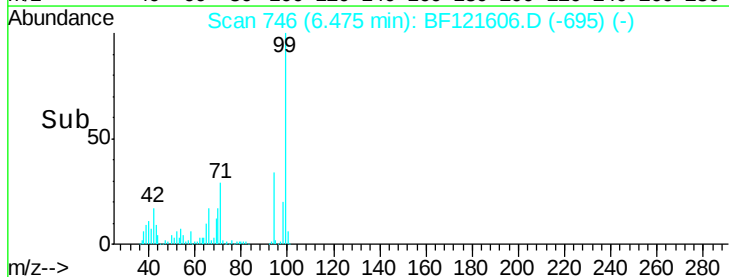
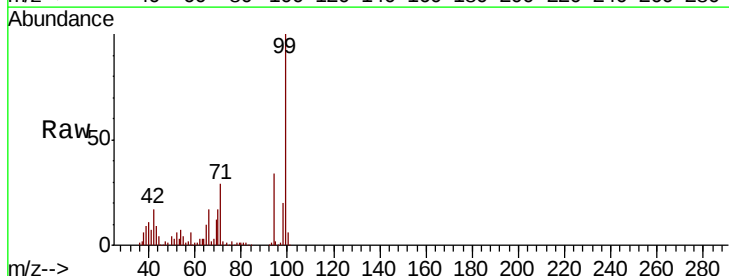
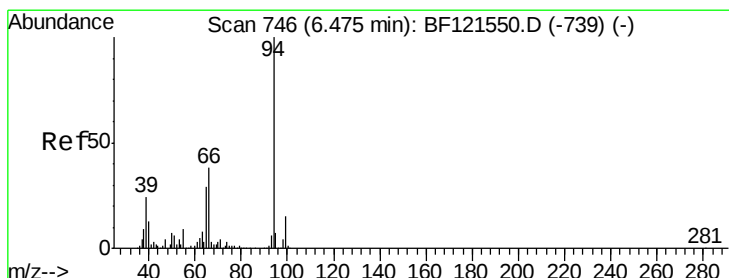
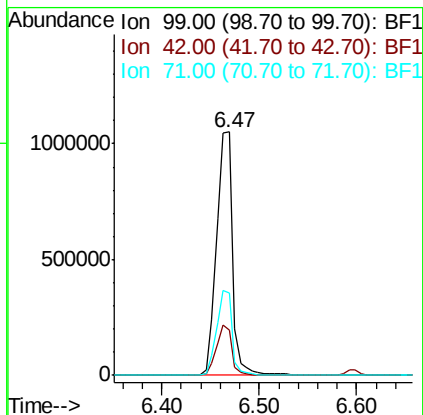
B14-1-3

Manual Integrations

APPROVED

mohammad

9/21/2020 10:32:31 AM



#10

Phenol

Concen: 2.973 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121606.D

Acq: 17 Sep 2020 19:56

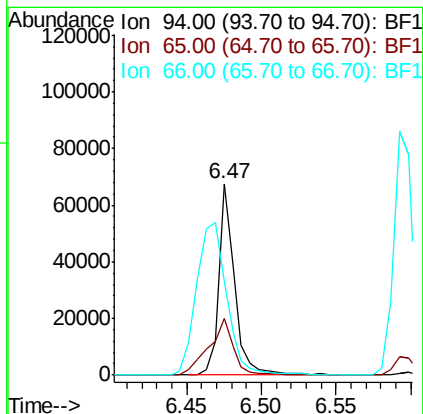
Tgt Ion: 94 Resp: 49648

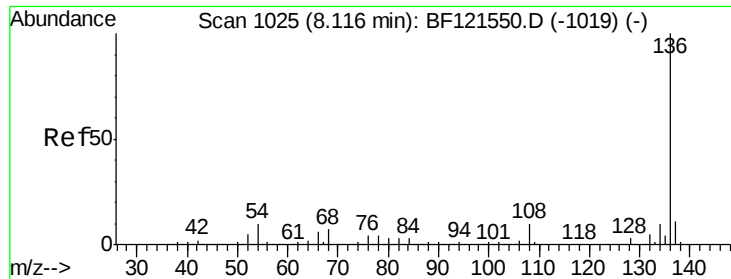
Ion Ratio Lower Upper

94 100

65 29.8 9.4 49.4

66 48.9 18.3 58.3





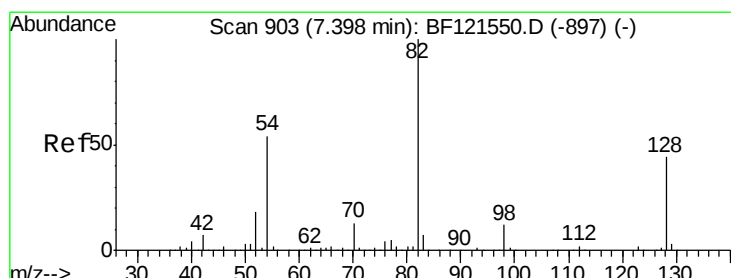
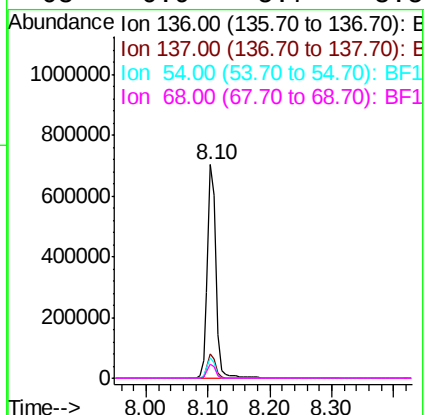
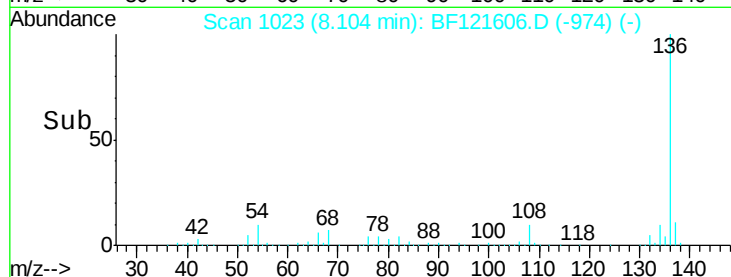
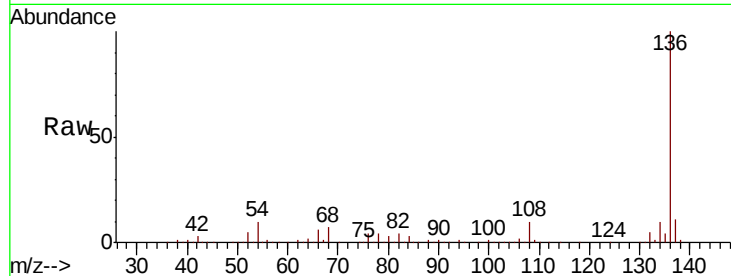
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampled :
B14-1-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100	670976		
137	11.3		9.0	13.6
54	9.8		7.6	11.4
68	6.9		5.7	8.5

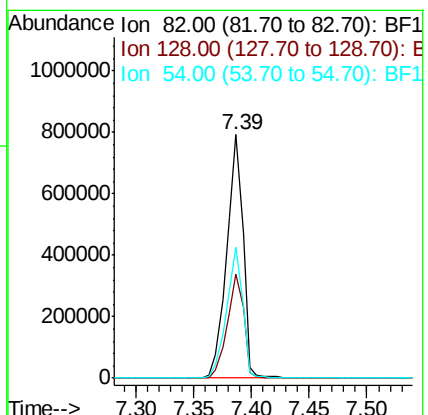
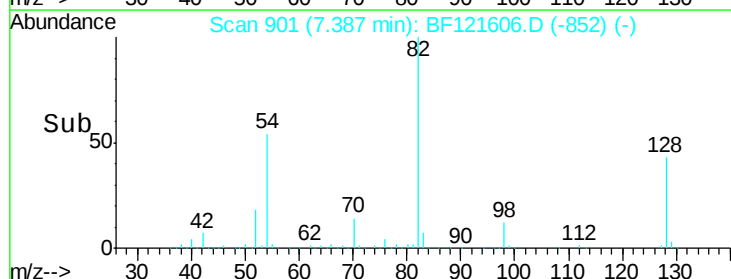
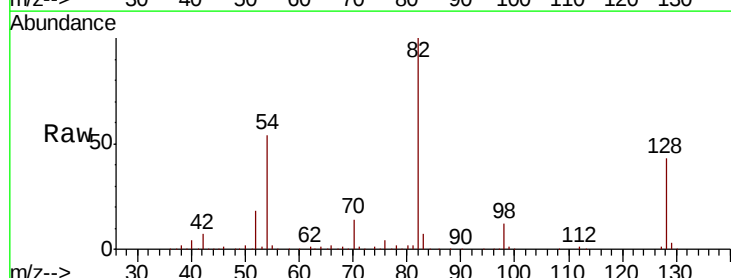
Manual Integrations
APPROVED

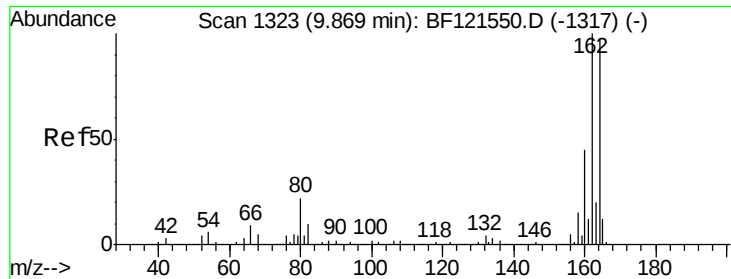
mohammad
9/21/2020 10:32:31 AM



#23
Nitrobenzene-d5
Concen: 62.251 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	777939		
128	42.9		35.1	52.7
54	54.0		43.0	64.6





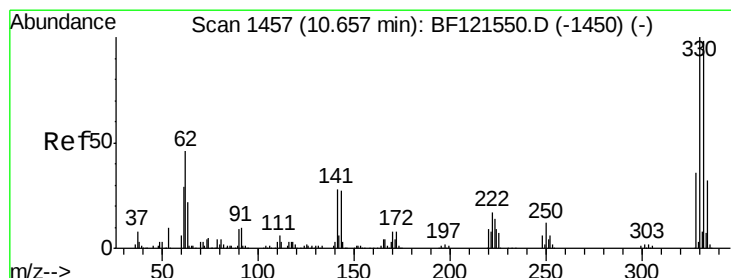
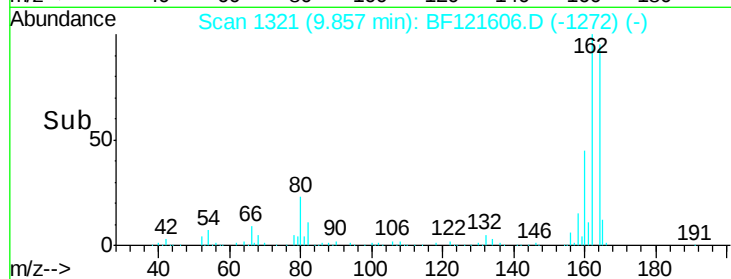
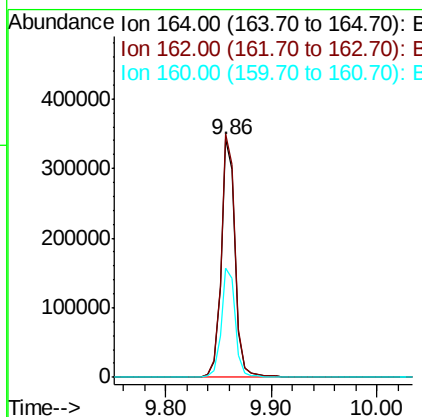
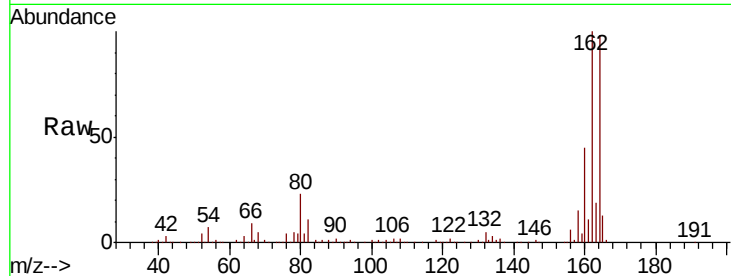
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.3	123.5	
160	45.6	37.0	55.4	

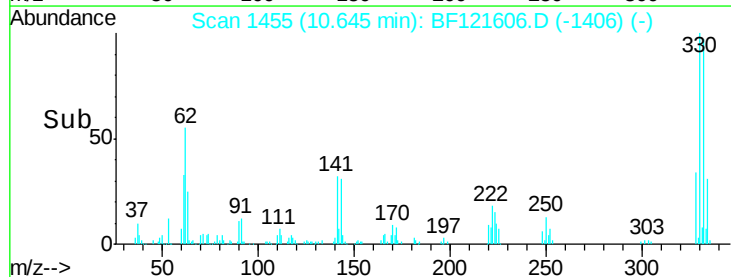
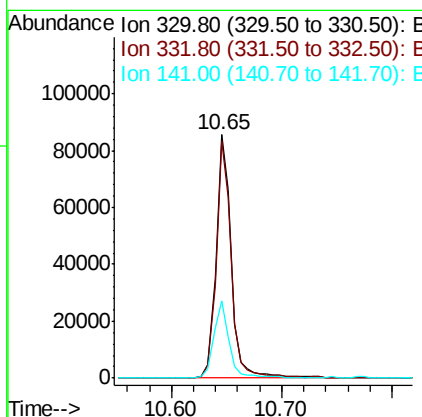
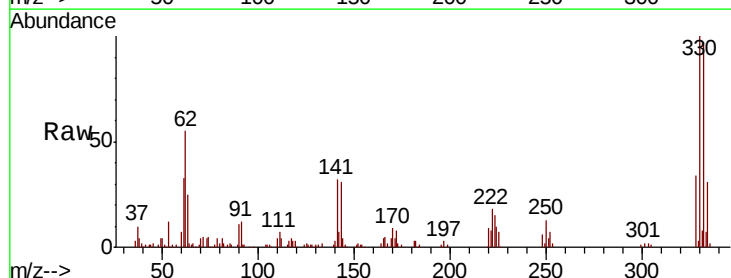
Manual Integrations
APPROVED

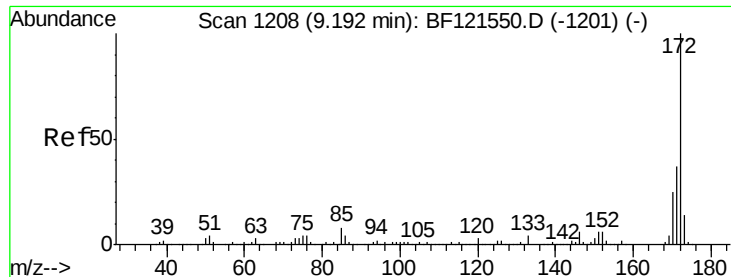
mohammad
9/21/2020 10:32:31 AM



#42
2,4,6-Tribromophenol
Concen: 20.584 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.1	115.7	
141	31.5	23.6	35.4	





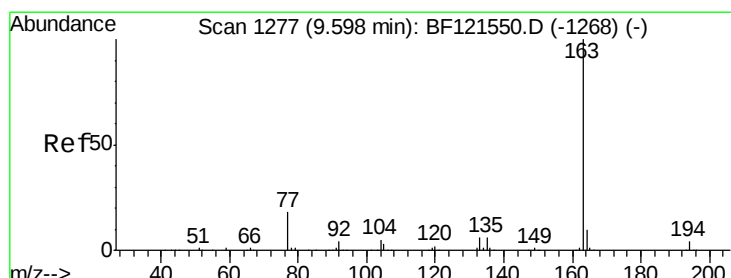
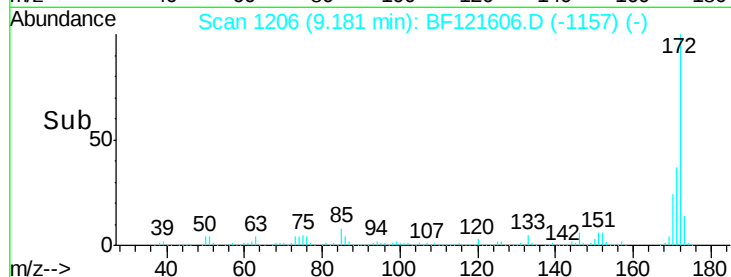
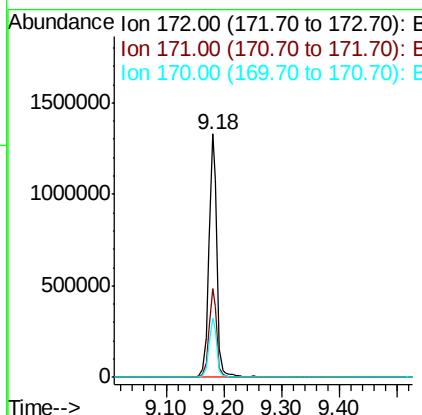
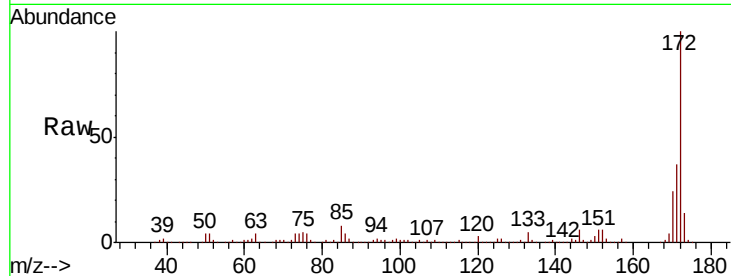
#45
2-Fluorobiphenyl
Concen: 62.698 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.3	19.8	29.8

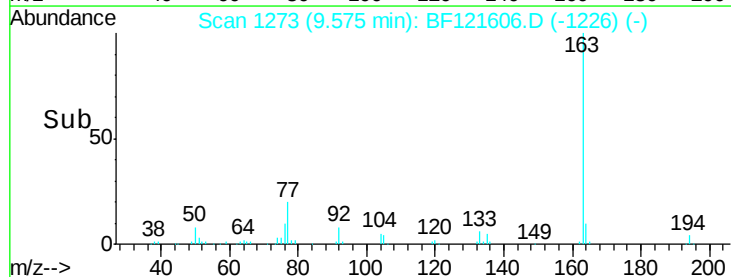
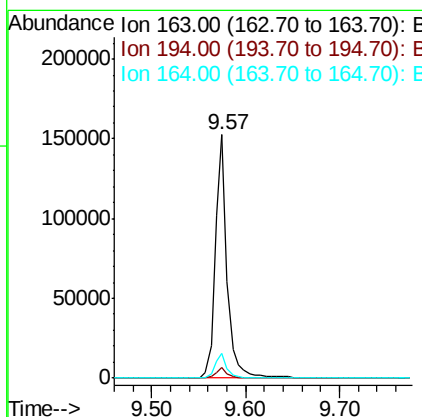
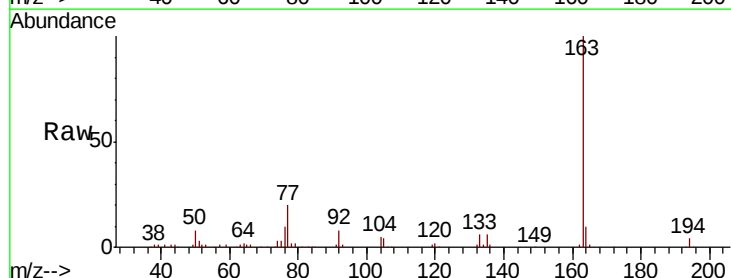
Manual Integrations
APPROVED

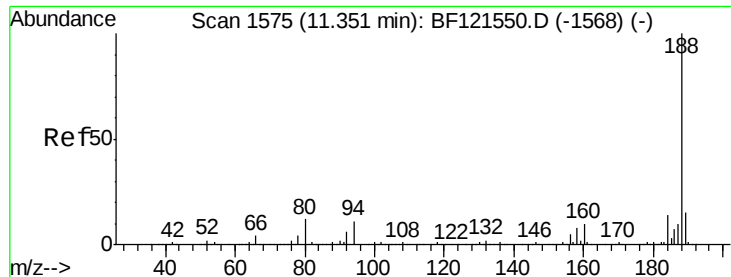
mohammad
9/21/2020 10:32:31 AM



#50
Dimethylphthalate
Concen: 5.887 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121606.D

Acq: 17 Sep 2020 19:56

Instrument :

BNA_F

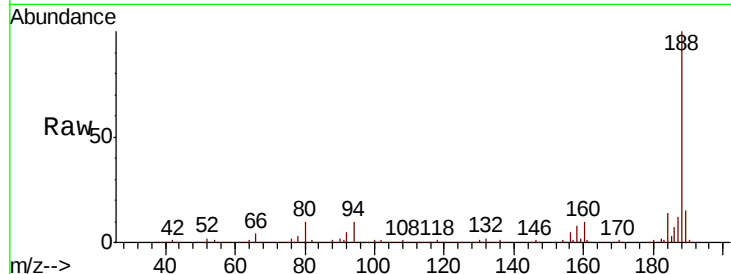
ClientSampleId :

B14-1-3

Tot Ion:	188	Resp:	486055
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.7	13.1
80	10.5	9.3	13.9

Manual Integrations
APPROVED

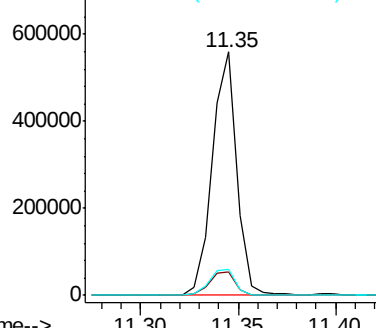
mohammad
9/21/2020 10:32:31 AM



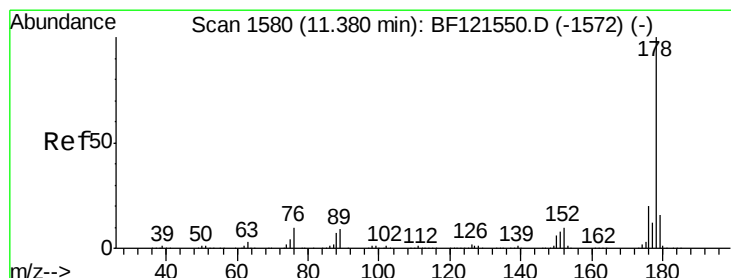
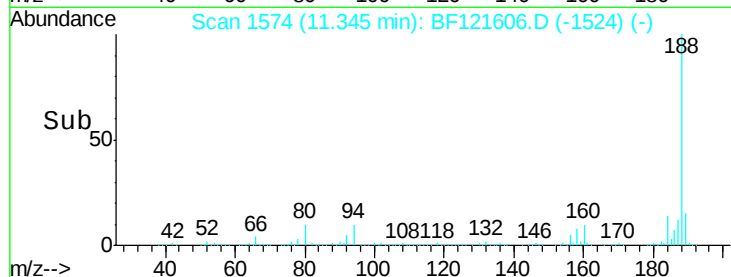
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#71

Phenanthrene

Concen: 3.667 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF121606.D

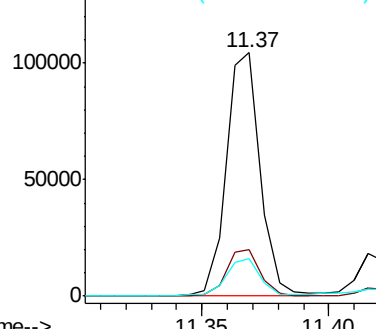
Acq: 17 Sep 2020 19:56

Tgt Ion:	178	Resp:	97105
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.2	24.4
179	15.3	12.6	19.0

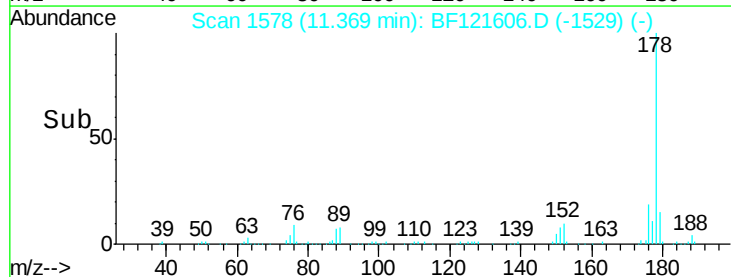
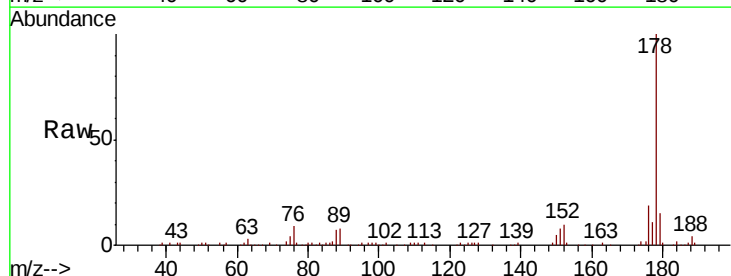
Abundance Ion 178.00 (177.70 to 178.70): E

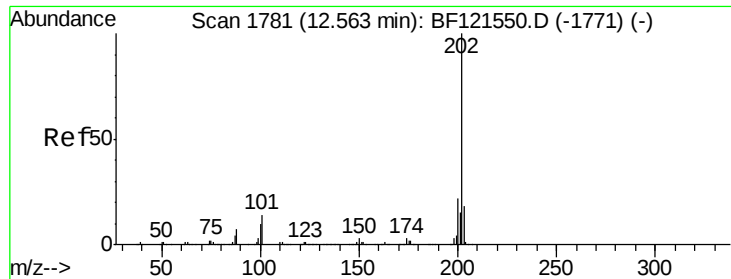
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





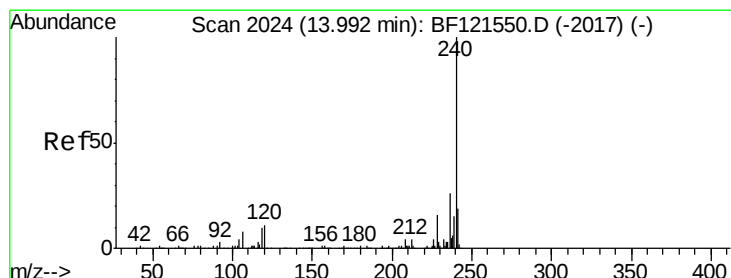
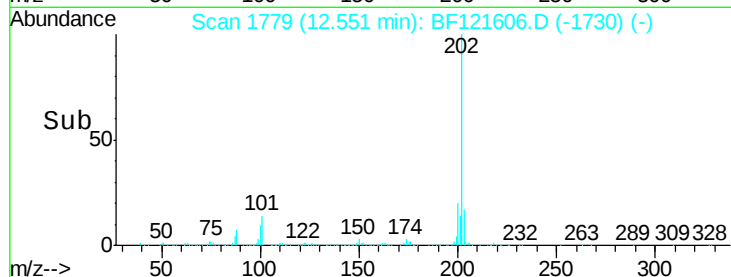
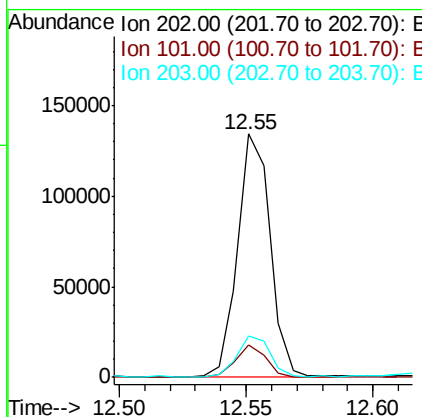
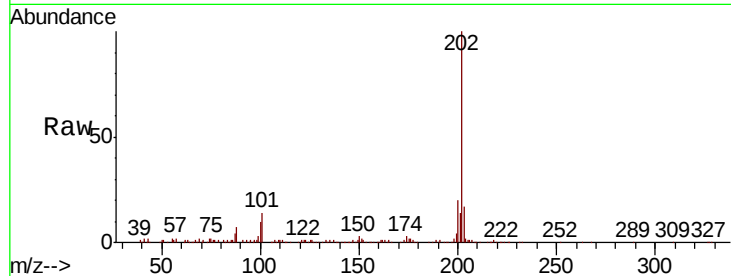
#75
 Fluoranthene
 Concen: 4.213 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF121606.D
 Acq: 17 Sep 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B14-1-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	34.0
203	17.0	0.0	38.2

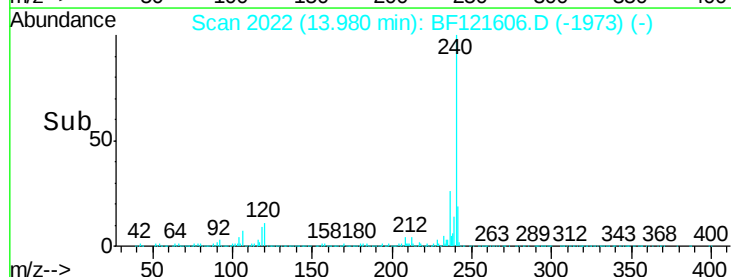
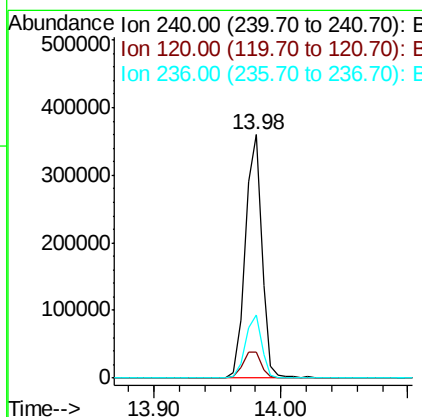
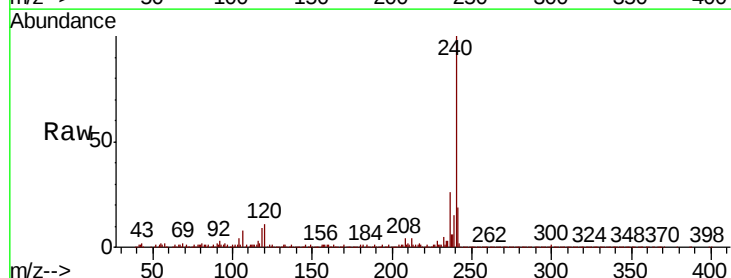
Manual Integrations
 APPROVED

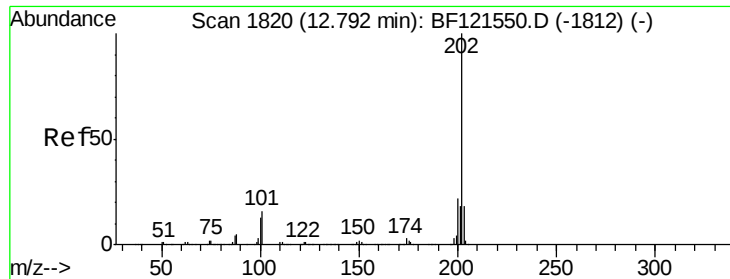
mohammad
 9/21/2020 10:32:31 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF121606.D
 Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.2	13.8
236	25.7	20.5	30.7





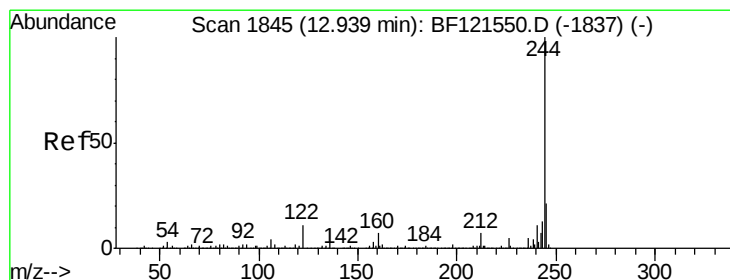
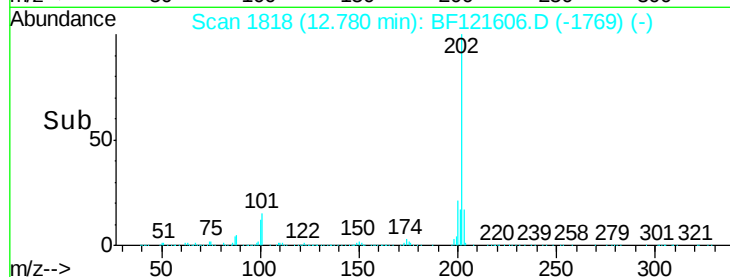
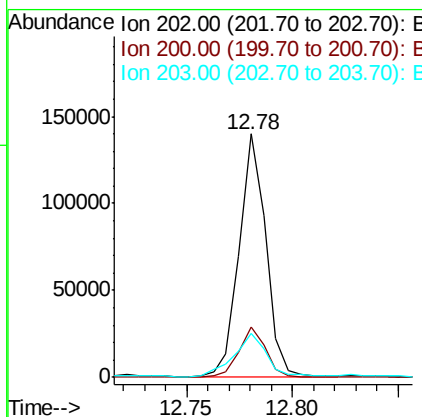
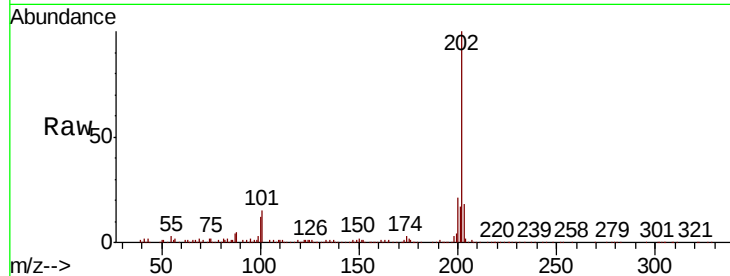
#78
Pvrene
Concen: 5.166 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.8	14.6	22.0

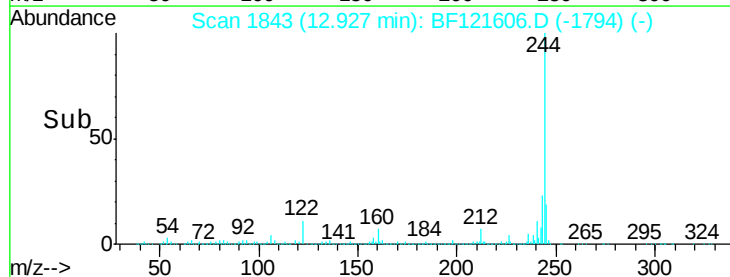
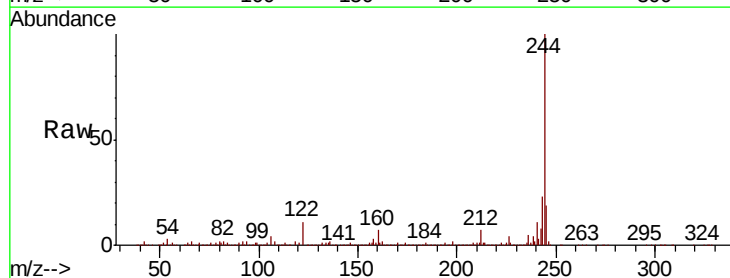
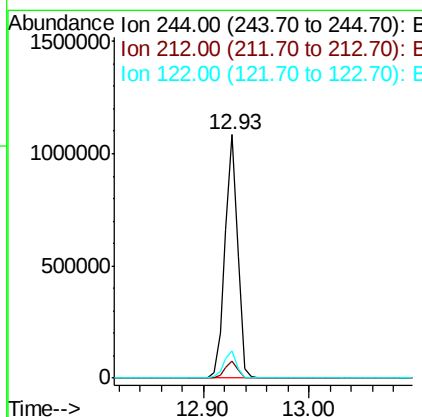
Manual Integrations
APPROVED

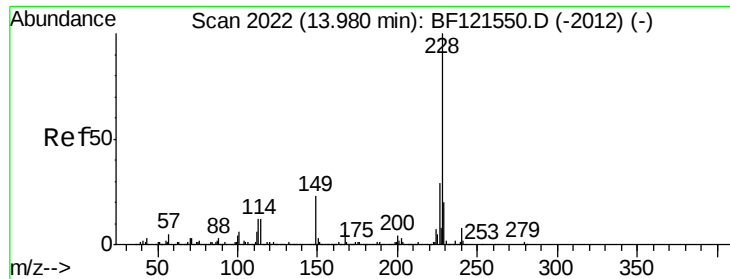
mohammad
9/21/2020 10:32:31 AM



#79
Terphenyl-d14
Concen: 57.254 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.1	8.7	13.1





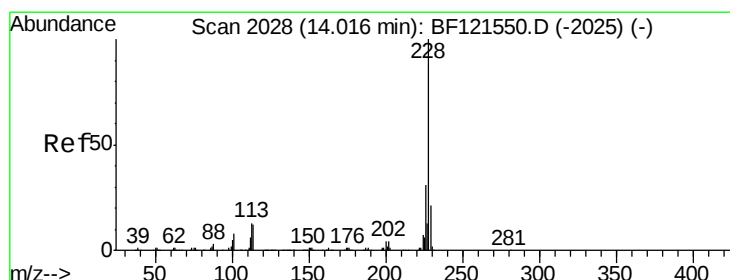
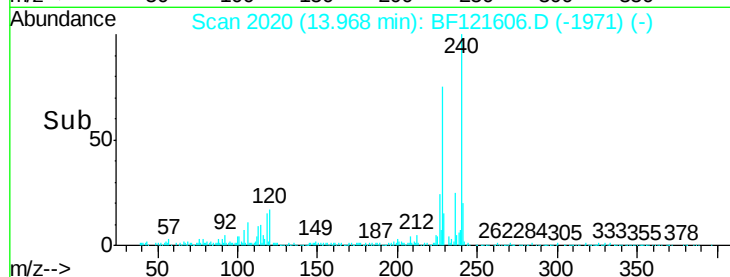
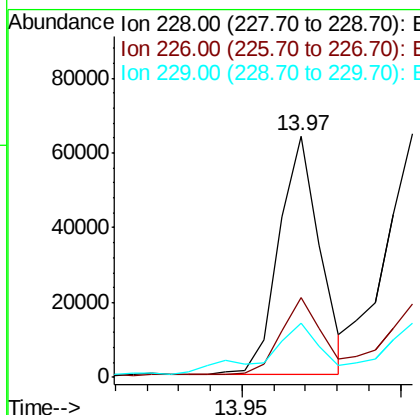
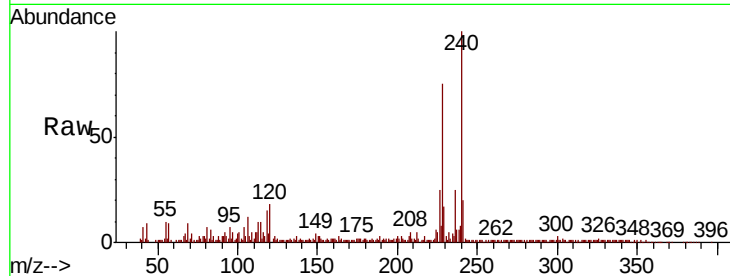
#81
Benzo(a)anthracene
Concen: 2.811 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.9	34.3
229	22.6	16.3	24.5

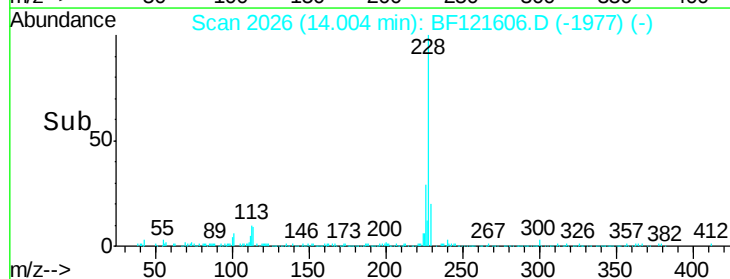
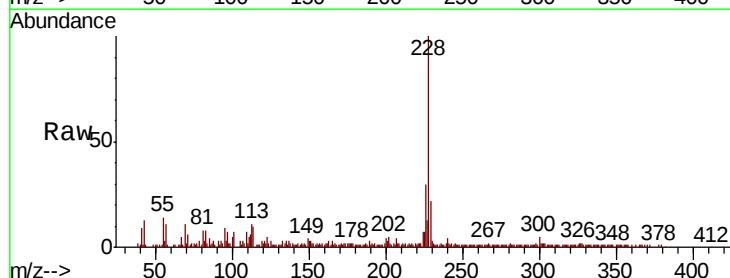
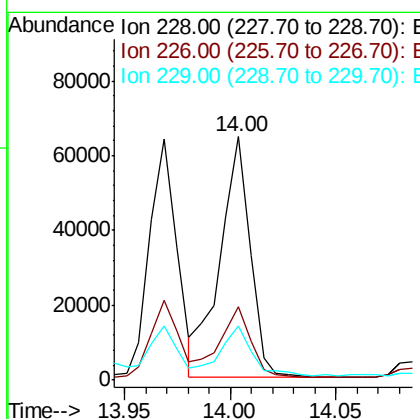
Manual Integrations
APPROVED

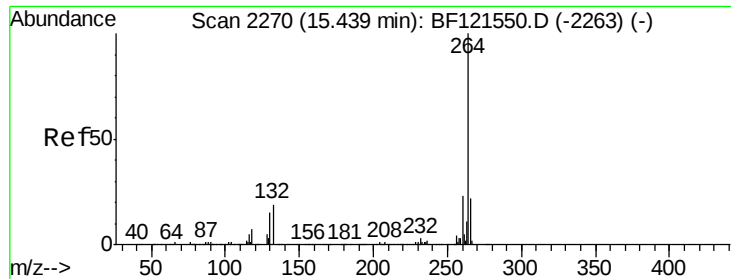
mohammad
9/21/2020 10:32:31 AM



#83
Chrysene
Concen: 3.086 ng m
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	22.3	16.6	25.0





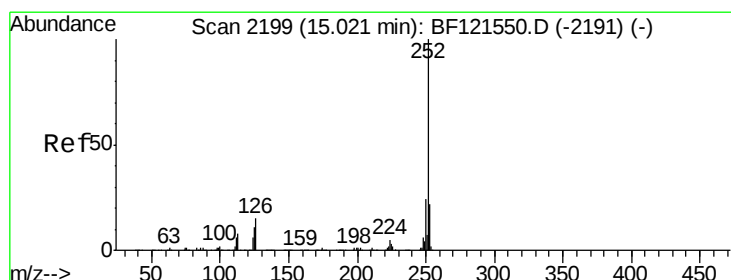
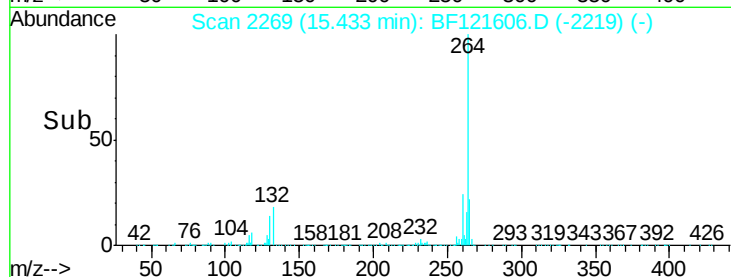
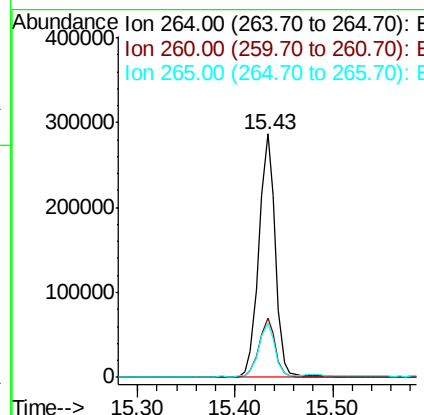
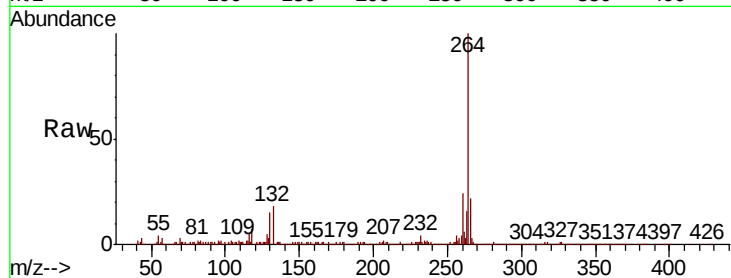
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Instrument :
BNA_F
ClientSampleId :
B14-1-3

Tot Ion:	264	Resp:	341560
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	22.2	17.8	26.6

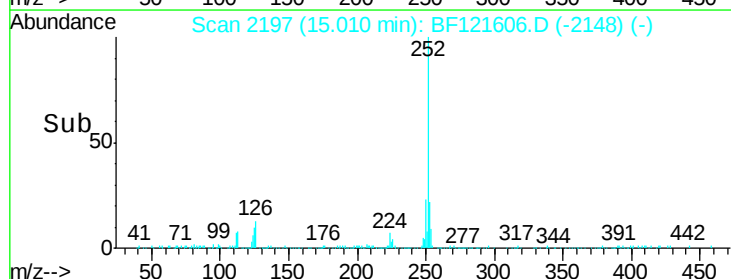
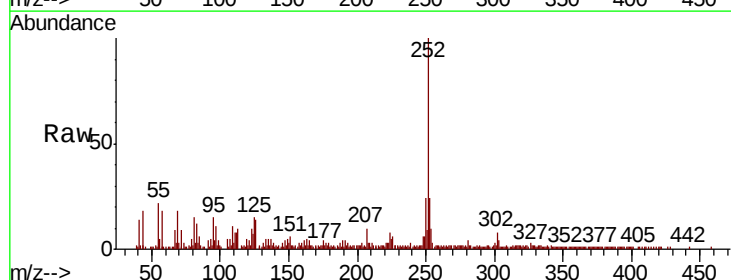
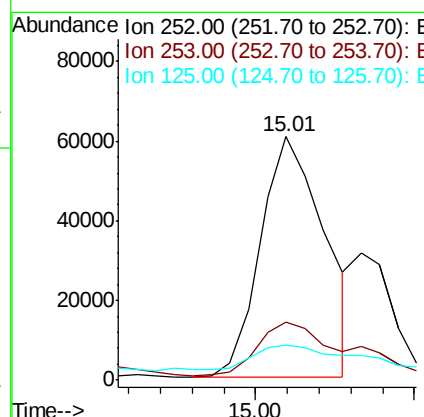
Manual Integrations
APPROVED

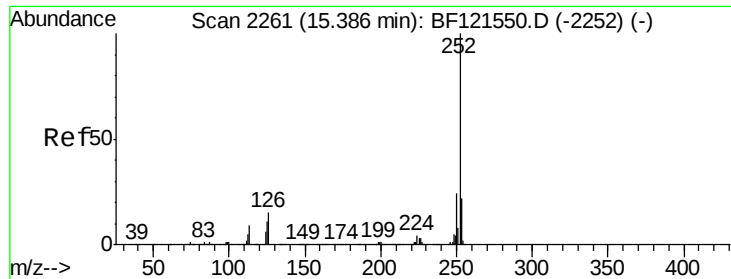
mohammad
9/21/2020 10:32:31 AM



#88
Benzo(b)fluoranthene
Concen: 3.704 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF121606.D
Acq: 17 Sep 2020 19:56

Tgt Ion:	252	Resp:	84566
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	14.6	9.2	13.8#





#90
 Benzo(a)pyrene
 Concen: 2.859 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BF121606.D
 Acq: 17 Sep 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B14-1-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	17.0	9.0	13.4

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:32:31 AM

