

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118721.D
 Acq On : 27 Jan 2020 16:14
 Operator : CG/JU
 Sample : L1017-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012420

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:13:11 PM

Quant Time: Jan 27 17:03:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	303275	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1067267	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	499148	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	750973	20.00	ng	0.00
76) Chrysene-d12	14.02	240	603354	20.00	ng	0.00
87) Perylene-d12	15.49	264	770576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	796156	48.76	ng	0.00
7) Phenol-d6	6.48	99	951344	44.82	ng	-0.01
23) Nitrobenzene-d5	7.42	82	590453	30.94	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	222004	38.45	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1148112	37.81	ng	0.00
79) Terphenyl-d14	12.99	244	999180	36.12	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.60	163	105376	3.240	ng	99
71) Phenanthrene	11.40	178	127876	3.530	ng	98
78) Pyrene	12.84	202	91562	2.235	ng	95
81) Benzo(a)anthracene	14.01	228	80406	2.215	ng	# 89
83) Chrysene	14.04	228	78494	2.257	ng	# 95
88) Benzo(b)fluoranthene	15.06	252	98894m	2.042	ng	

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

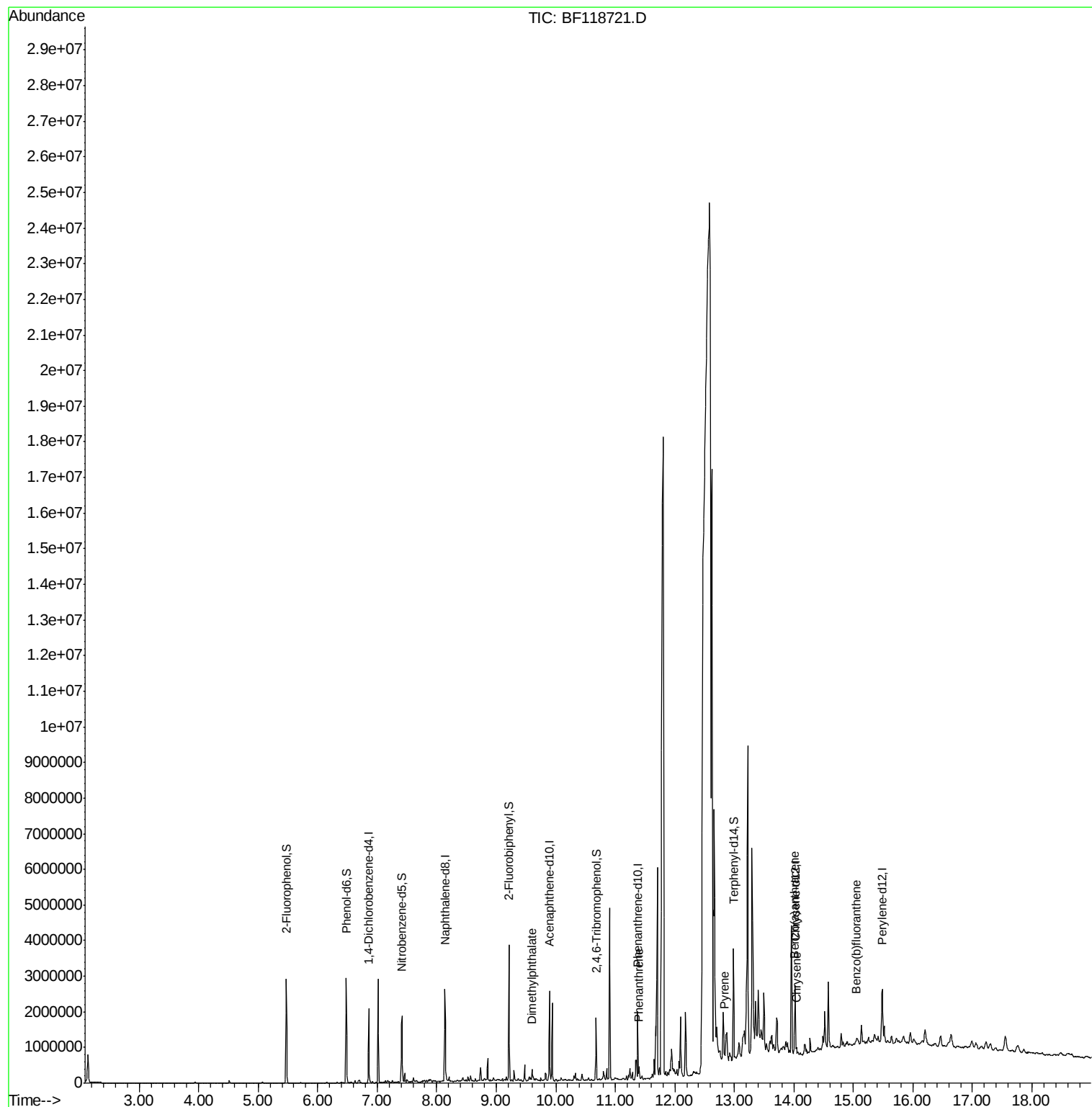
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

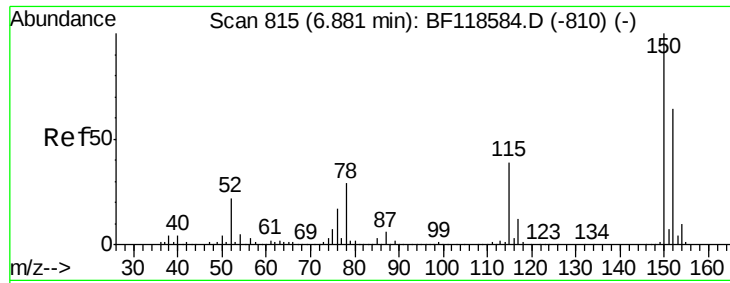
Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 PM

Quant Time: Jan 27 17:03:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration





#1

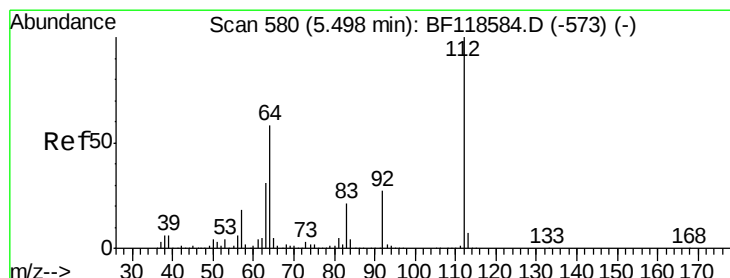
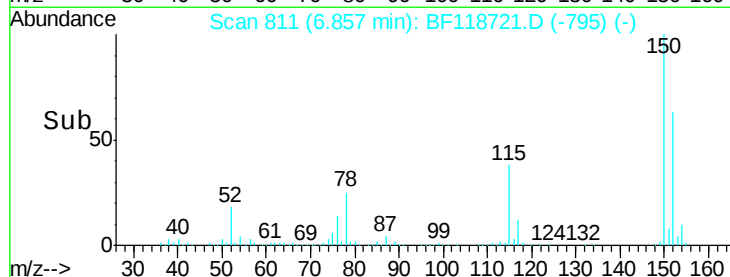
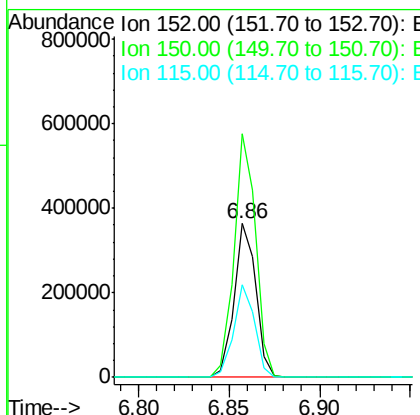
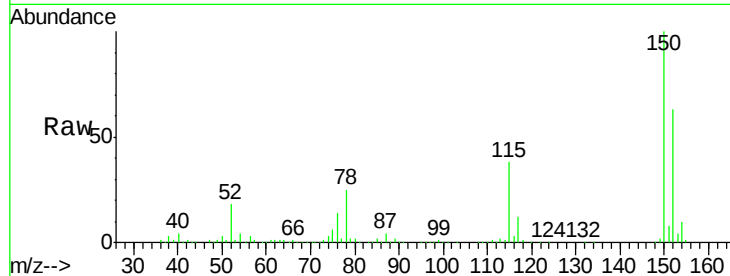
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.7	185.5
115	60.2	45.1	67.7

Manual Integrations
APPROVED

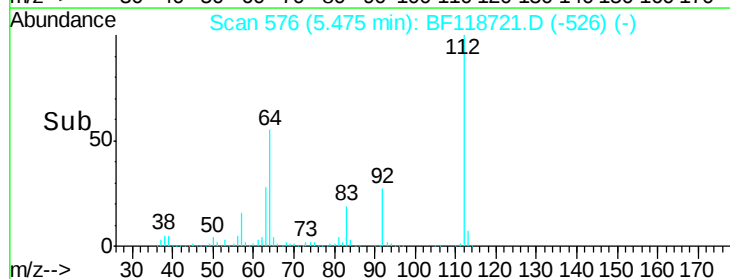
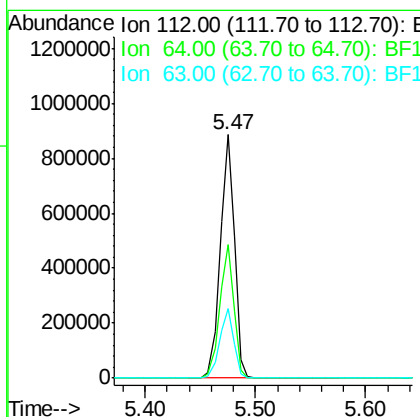
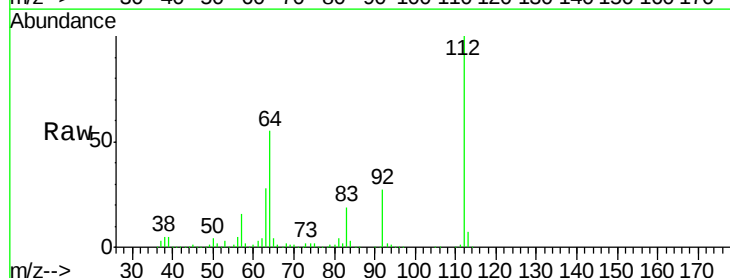
mohammad
1/28/2020 1:13:11 PM

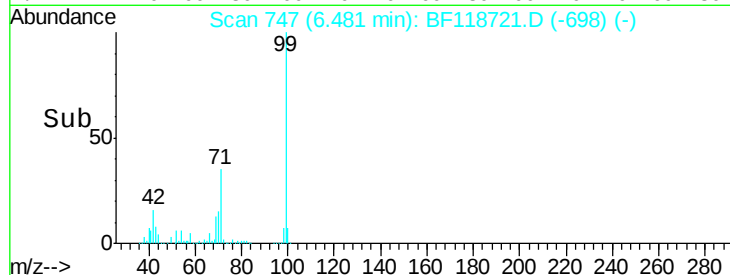
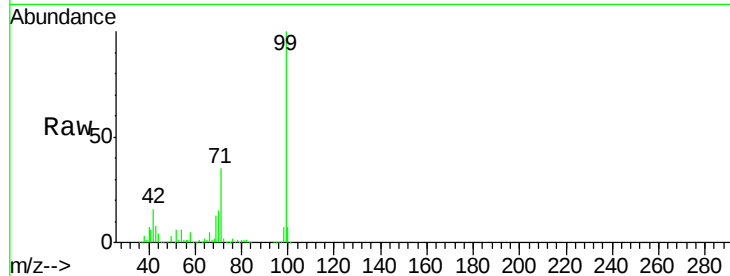
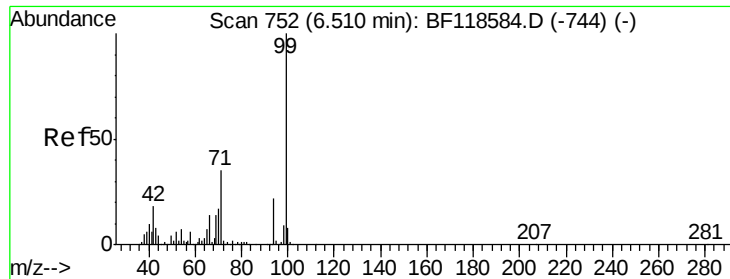


#5

2-Fluorophenol
Concen: 48.757 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.4	63.6
63	28.3	21.7	32.5





#7

Phenol-d6

Concen: 44.824 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118721.D

Acq: 27 Jan 2020 16:14

Tot Ion:	99	Resp:	951344
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.1	19.7
71	34.6	28.4	42.6

Instrument :

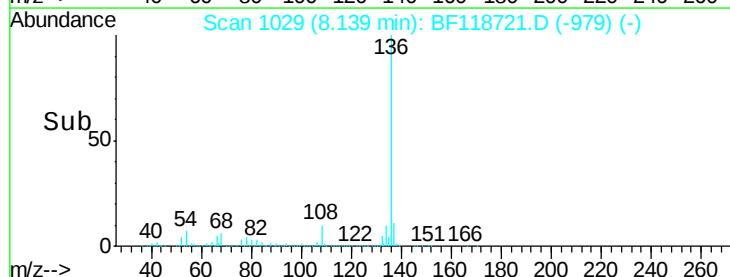
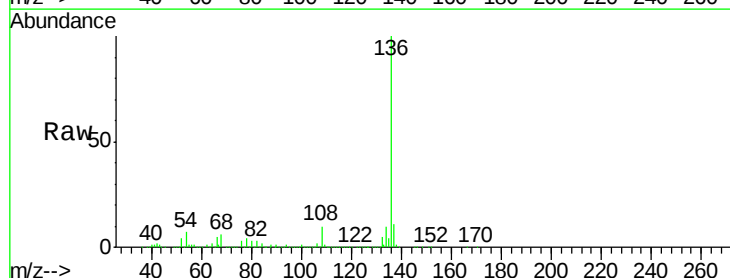
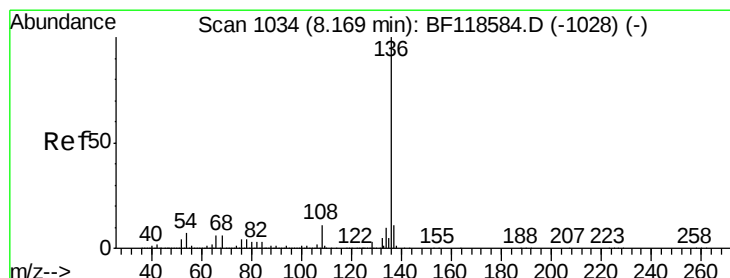
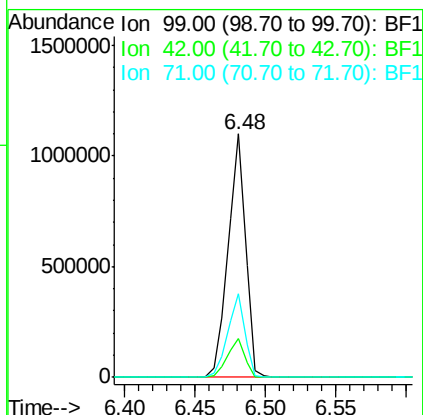
BNA_F

ClientSampled :

TR-04-012420

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 PM



#21

Naphthalene-d8

Concen: 20.000 ng

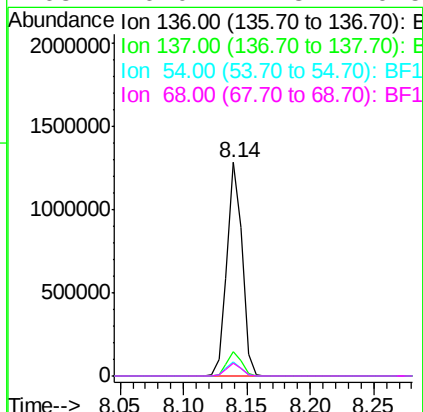
RT: 8.14 min Scan# 1029

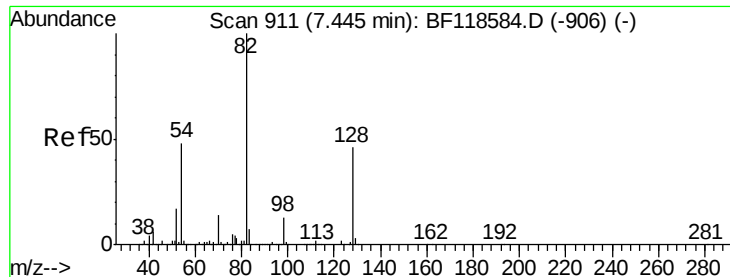
Delta R.T. -0.01 min

Lab File: BF118721.D

Acq: 27 Jan 2020 16:14

Tgt Ion:	136	Resp:	1067267
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.9	5.1	7.7
68	6.0	4.3	6.5





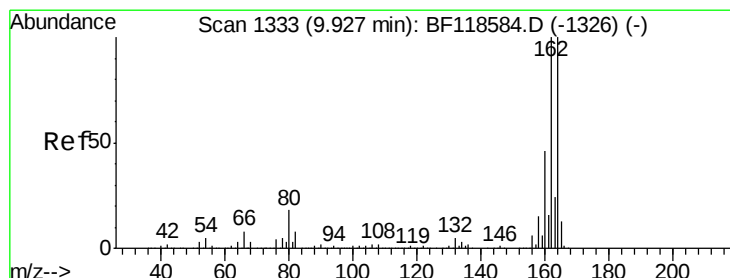
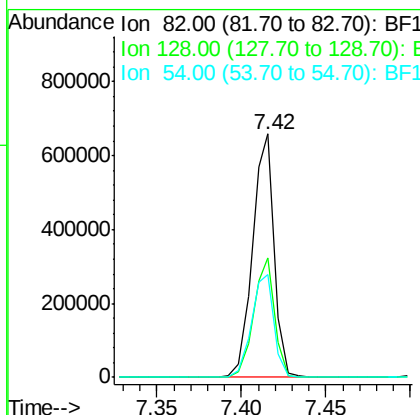
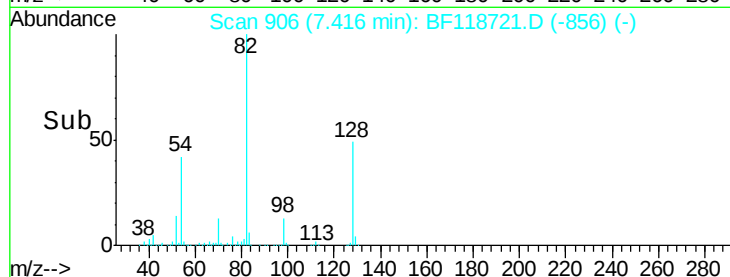
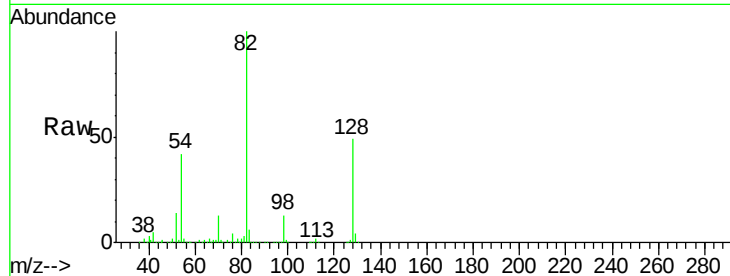
#23
Nitrobenzene-d5
Concen: 30.945 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Tot Ion	Ratio	Resp	Lower	Upper
82	100	590453		
128	49.1		38.2	57.2
54	42.3		36.1	54.1

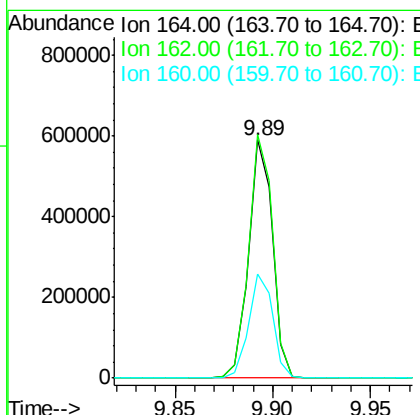
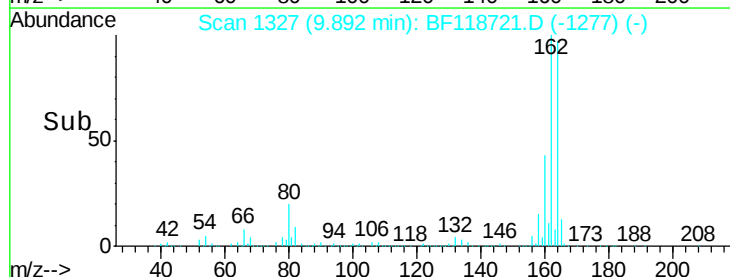
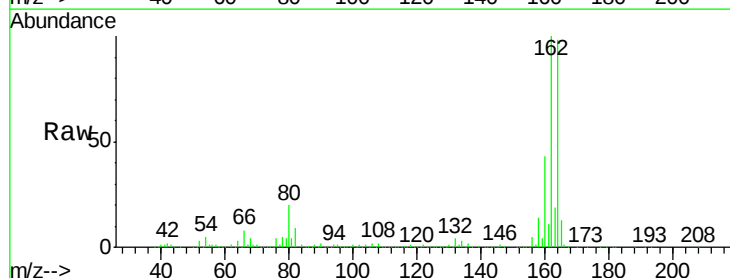
Manual Integrations
APPROVED

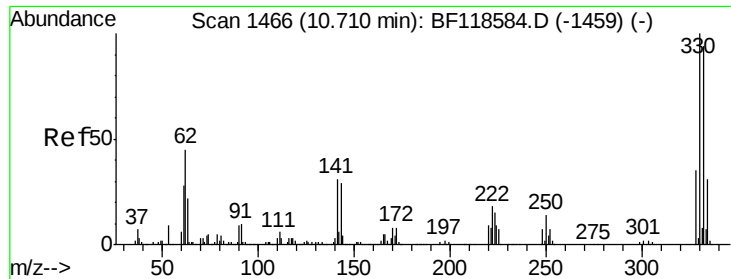
mohammad
1/28/2020 1:13:11 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	499148		
162	102.2		80.8	121.2
160	43.6		35.4	53.0





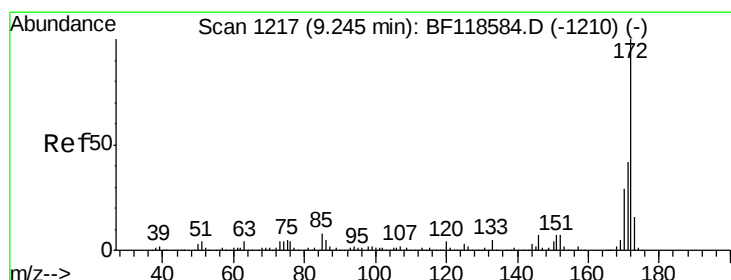
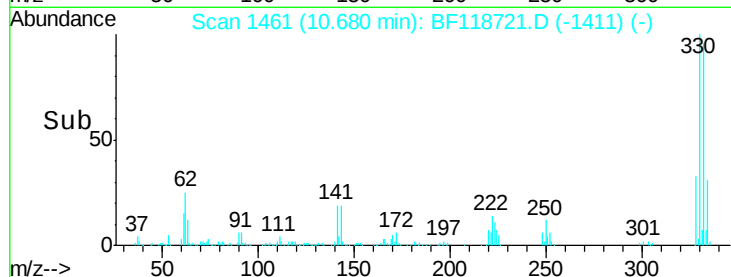
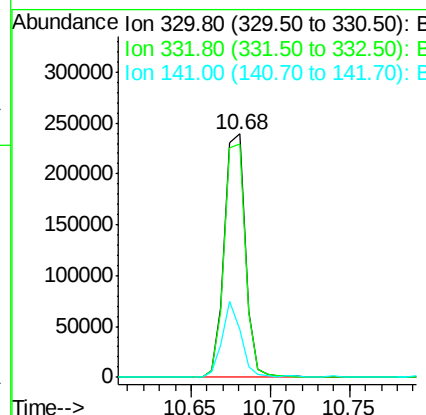
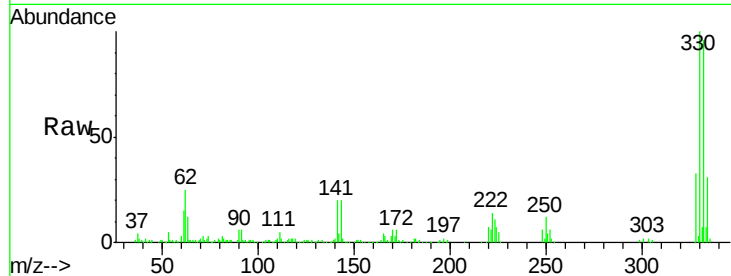
#42
 2,4,6-Tribromophenol
 Concen: 38.454 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF118721.D
 Acq: 27 Jan 2020 16:14

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012420

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	26.7	22.2	33.2

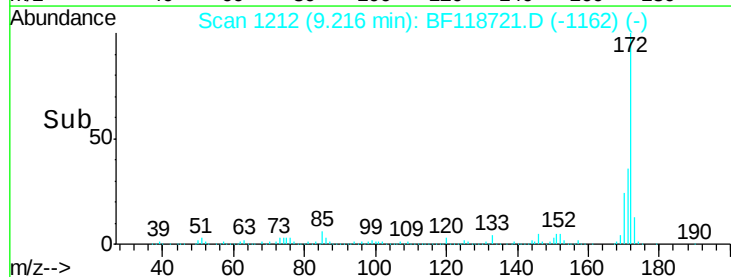
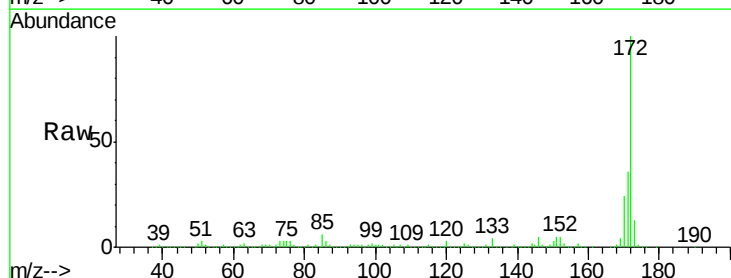
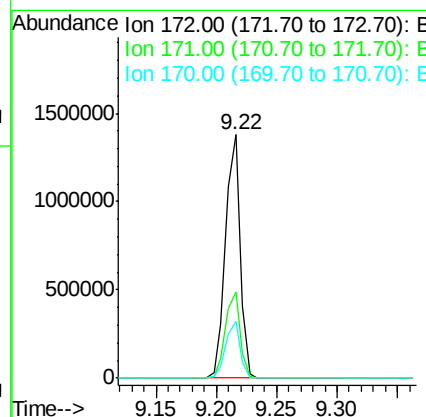
Manual Integrations
 APPROVED

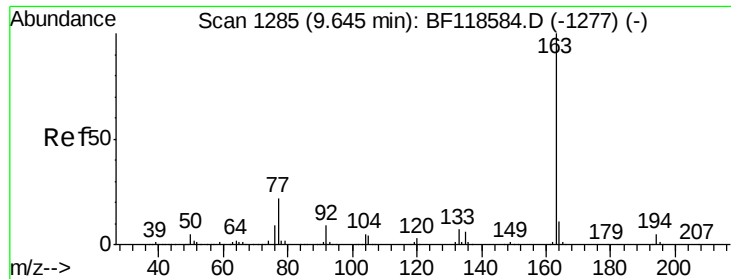
mohammad
 1/28/2020 1:13:11 PM



#45
 2-Fluorobiphenyl
 Concen: 37.806 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118721.D
 Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.0	46.4
170	23.6	20.7	31.1





#50

Dimethylphthalate

Concen: 3.240 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118721.D

Acq: 27 Jan 2020 16:14

Instrument :

BNA_F

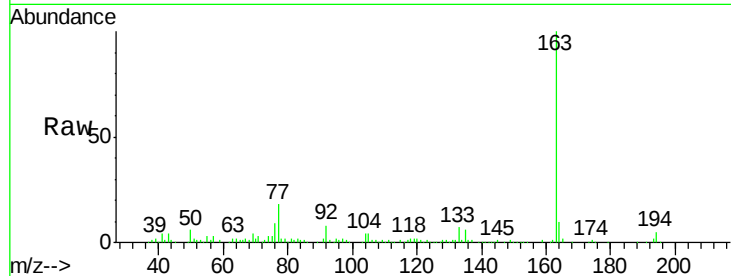
ClientSampleId :

TR-04-012420

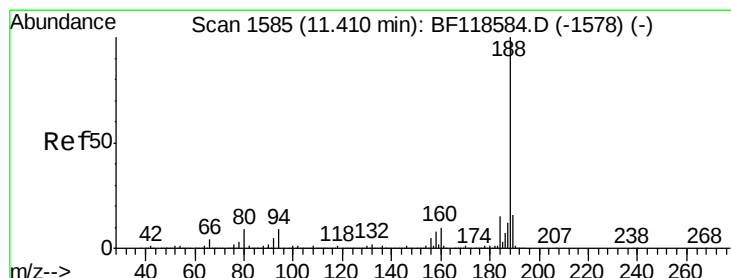
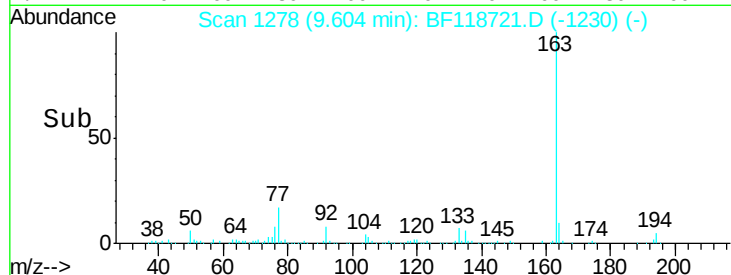
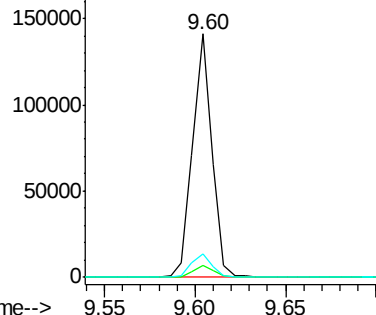
Tot Ion:	163	Resp:	105376
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	9.7	8.2	12.2

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 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

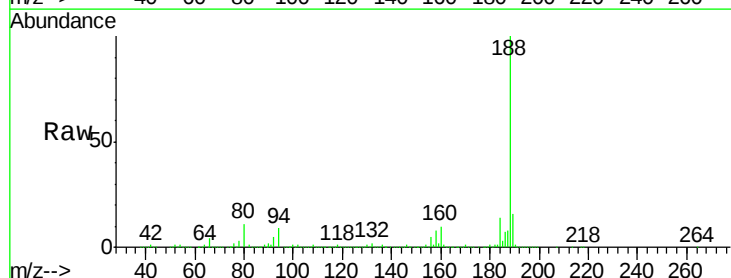
RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

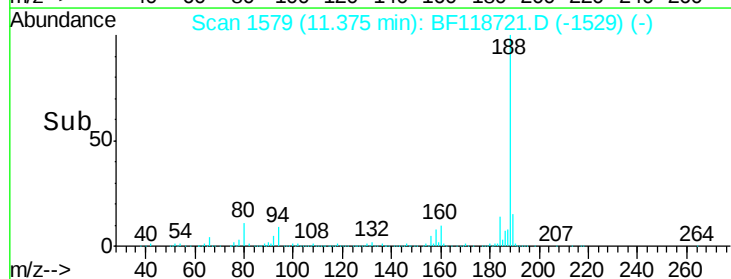
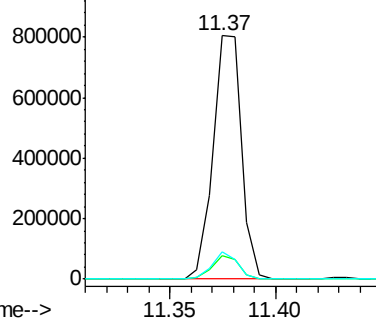
Lab File: BF118721.D

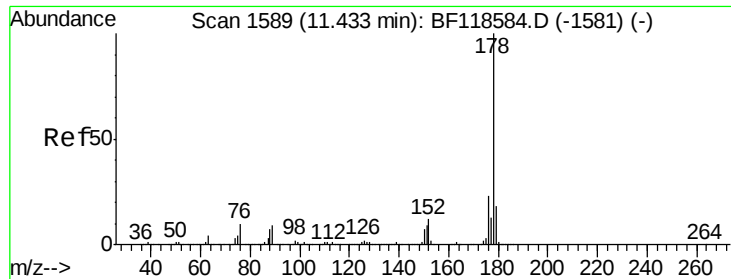
Acq: 27 Jan 2020 16:14

Tgt Ion:	188	Resp:	750973
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	11.0	7.8	11.8



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: 3.530 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118721.D

Acq: 27 Jan 2020 16:14

Instrument :

BNA_F

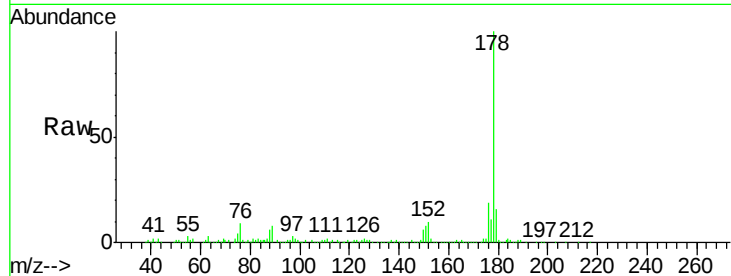
ClientSampleId :

TR-04-012420

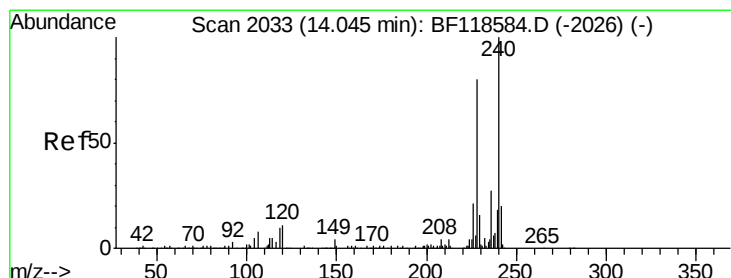
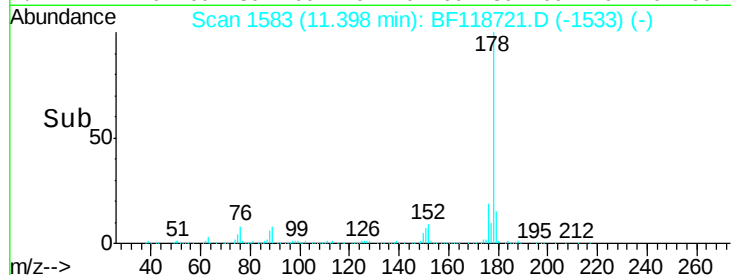
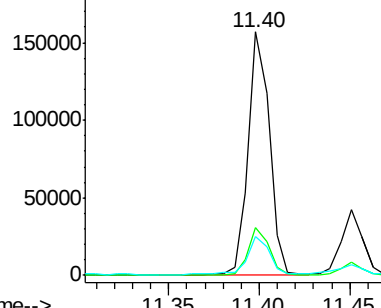
Tot Ion:178	Resp:	127876
Ion Ratio	Lower	Upper
178	100	
176	19.5	16.5 24.7
179	16.0	13.3 19.9

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

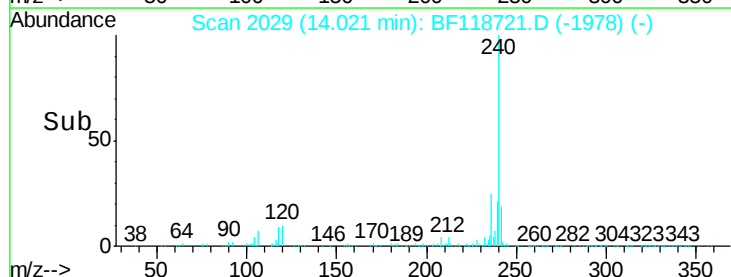
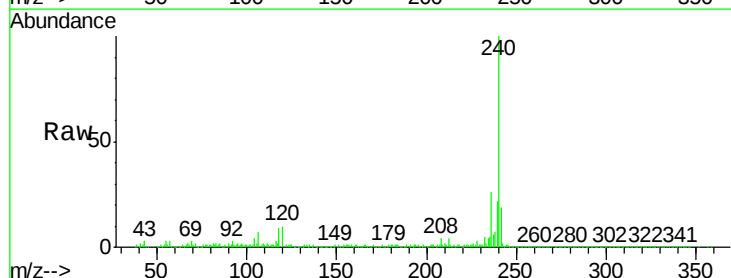
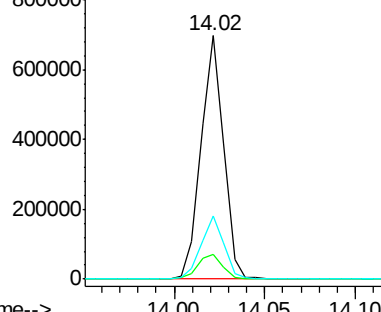
Delta R.T. -0.00 min

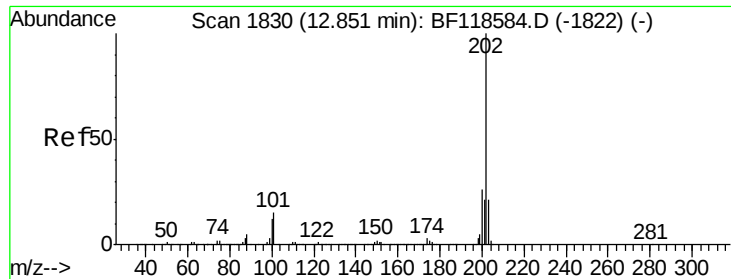
Lab File: BF118721.D

Acq: 27 Jan 2020 16:14

Tgt Ion:240	Resp:	603354
Ion Ratio	Lower	Upper
240	100	
120	10.4	7.6 11.4
236	25.7	21.0 31.4

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





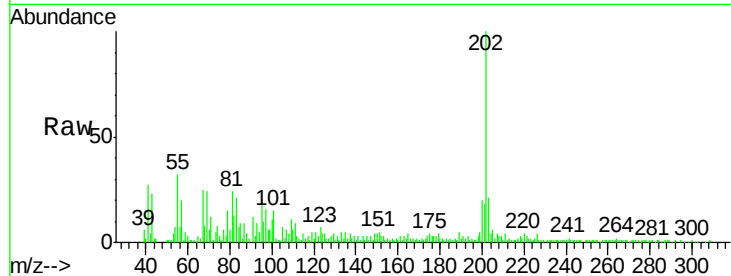
#78
Pvrene
Concen: 2.235 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.1	27.1
203	21.0	15.2	22.8

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 PM

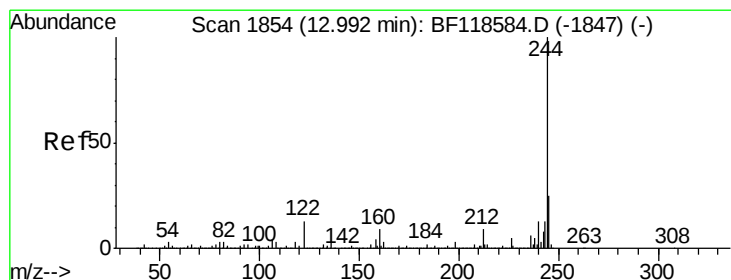
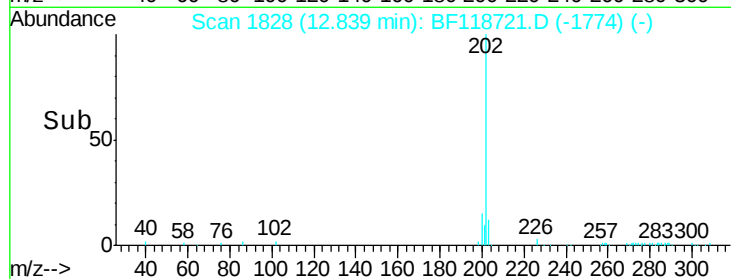
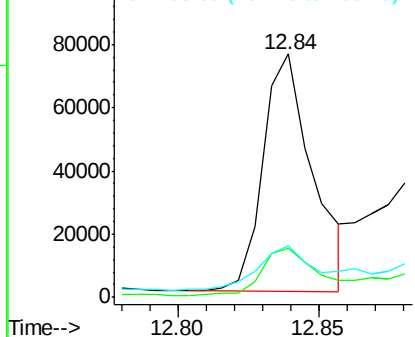


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 36.120 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

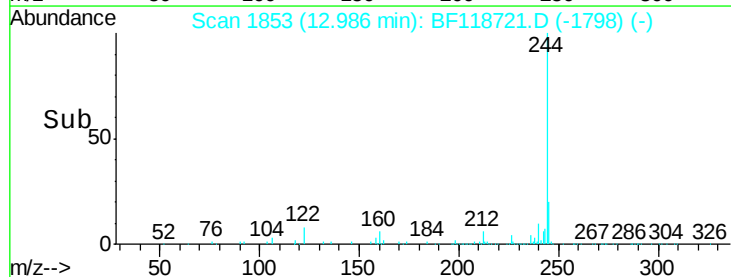
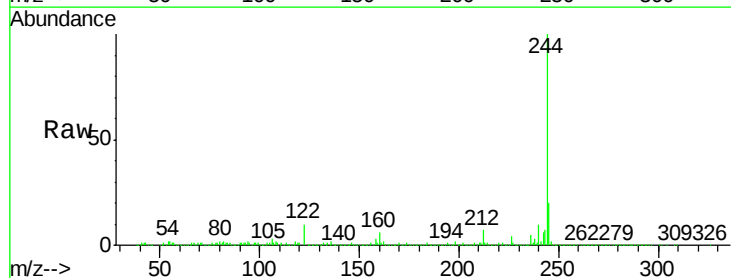
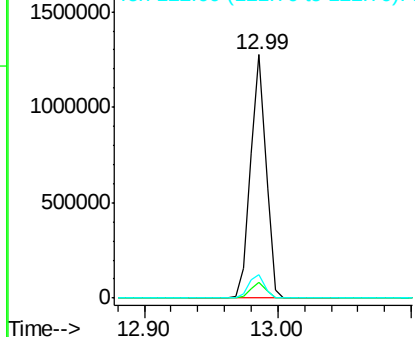
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	9.7	9.2	13.8

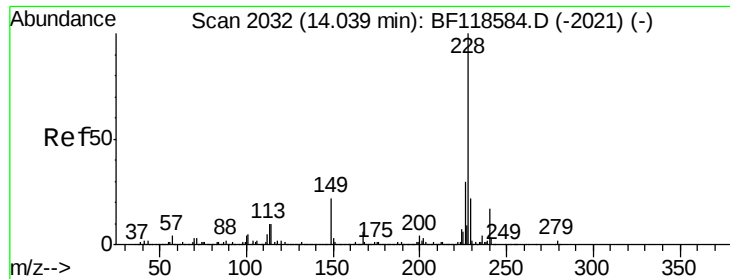
Abundance

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





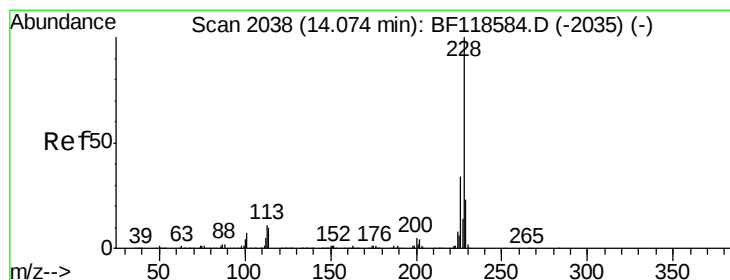
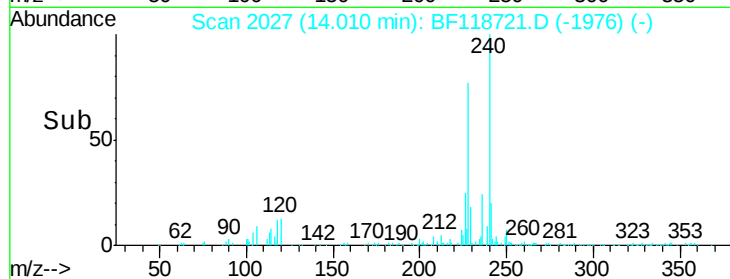
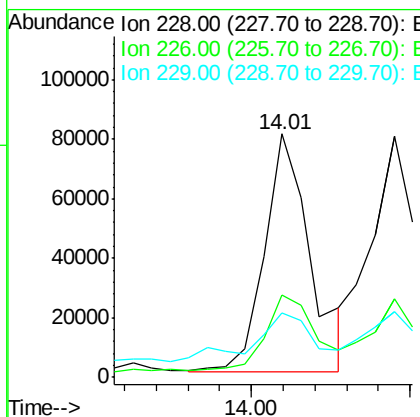
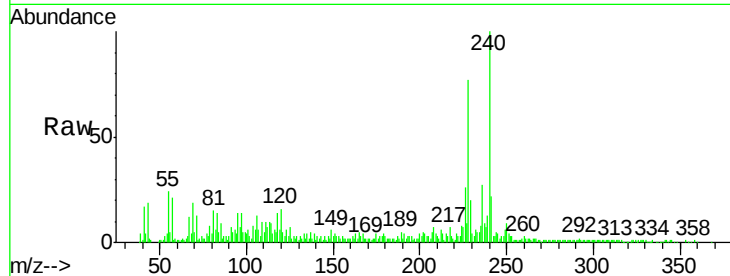
#81
Benzo(a)anthracene
Concen: 2.215 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	34.0#
229	26.4	16.6	25.0#

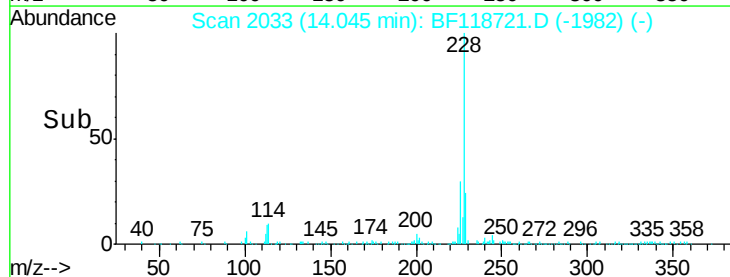
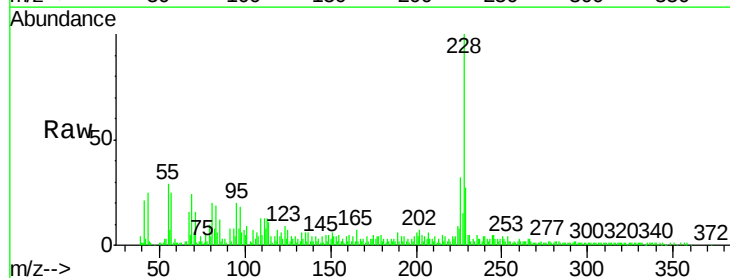
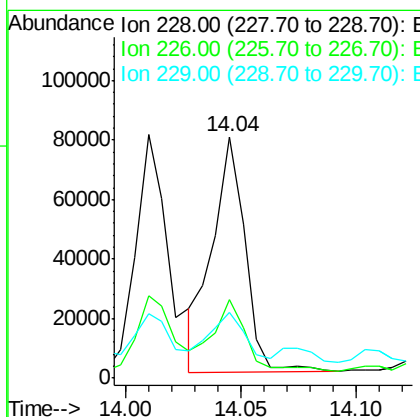
Manual Integrations
APPROVED

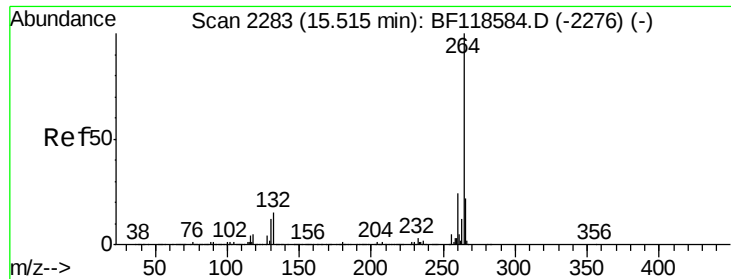
mohammad
1/28/2020 1:13:11 PM



#83
Chrysene
Concen: 2.257 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	27.1	17.1	25.7#





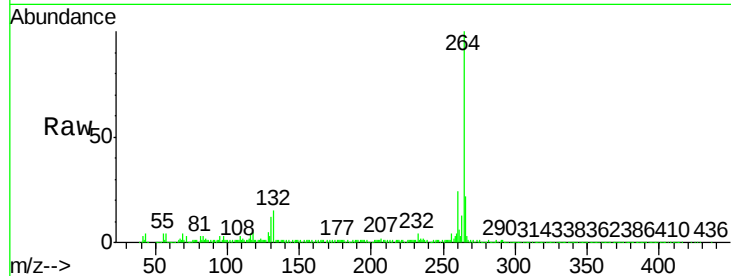
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Instrument :
BNA_F
ClientSampleId :
TR-04-012420

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.4	17.0	25.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:11 PM

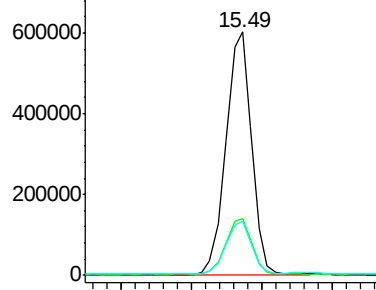


Abundance

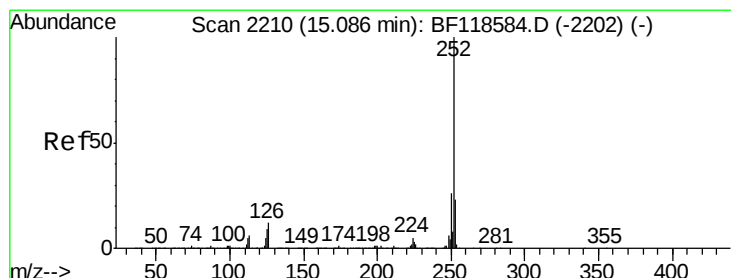
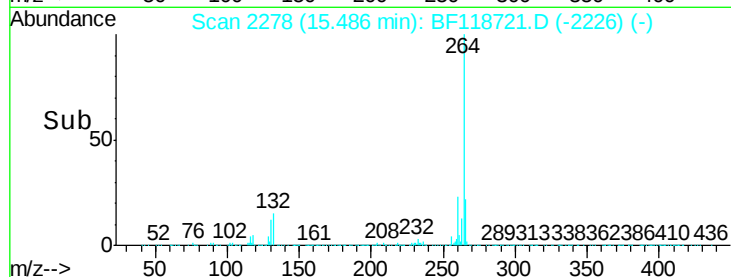
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

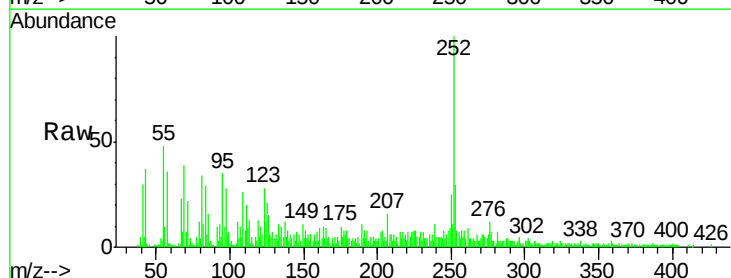


Time-->



#88
Benzo(b)fluoranthene
Concen: 2.042 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF118721.D
Acq: 27 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.2	27.4#
125	20.9	7.7	11.5#

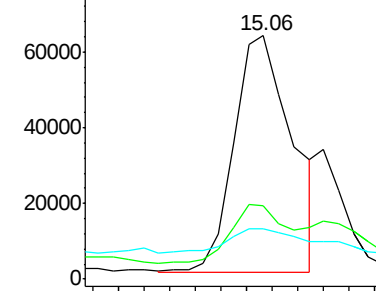


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

