

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120689.D
 Acq On : 22 Jun 2020 21:35
 Operator : JU/CG
 Sample : L3082-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:03:43 PM

Quant Time: Jun 23 02:25:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129869	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513435	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	247306	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	515410	20.00	ng	0.00
76) Chrysene-d12	13.96	240	521695	20.00	ng	0.00
86) Perylene-d12	15.40	264	460201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	786933	103.89	ng	0.00
7) Phenol-d6	6.43	99	992276	105.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	606060	65.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	331083	115.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1127711	69.77	ng	0.00
79) Terphenyl-d14	12.91	244	1667954	70.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	136588	7.669	ng	99
75) Fluoranthene	12.53	202	117583	4.014	ng	97
78) Pyrene	12.76	202	147727	3.997	ng	99
81) Benzo(a)anthracene	13.94	228	81354	2.596	ng	98
83) Chrysene	13.98	228	74869	2.329	ng	97
88) Benzo(b)fluoranthene	14.99	252	88648m	3.234	ng	
90) Benzo(a)pyrene	15.34	252	64526	2.630	ng	98

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

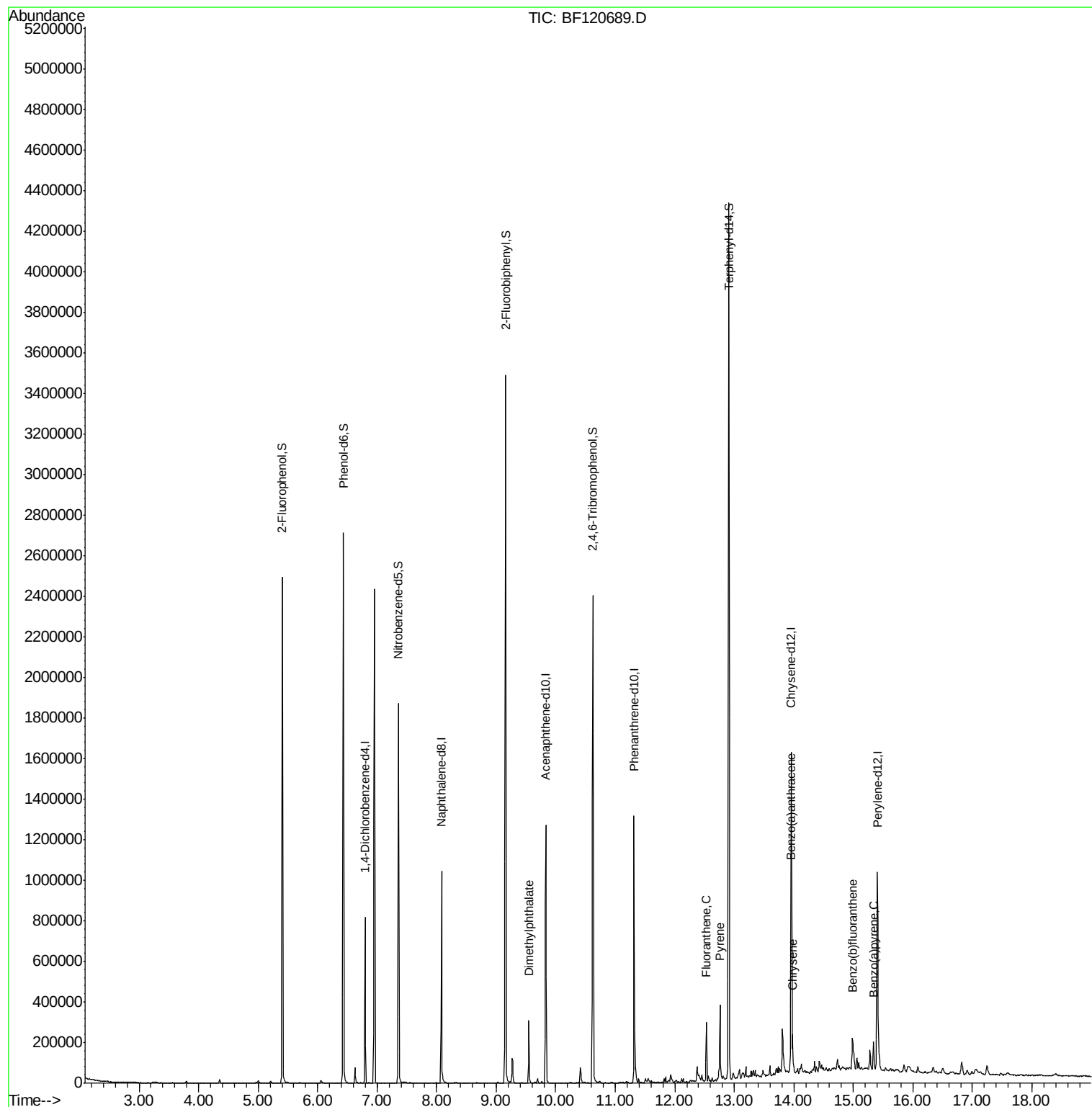
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120689.D
Acq On : 22 Jun 2020 21:35
Operator : JU/CG
Sample : L3082-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

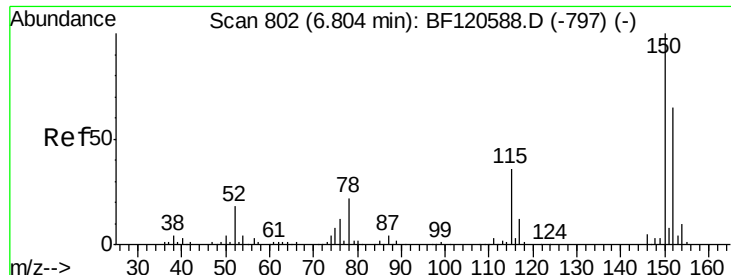
Instrument :
BNA_F
ClientSampleId :
SB-19

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 PM

Quant Time: Jun 23 02:25:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration





#1

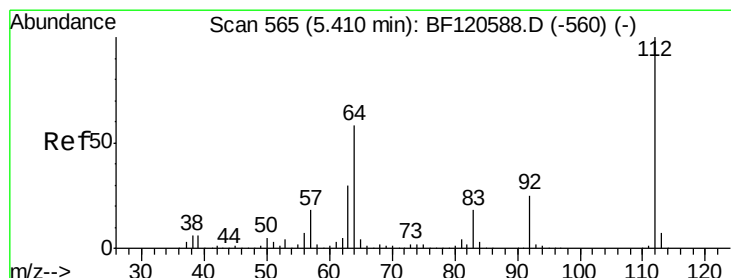
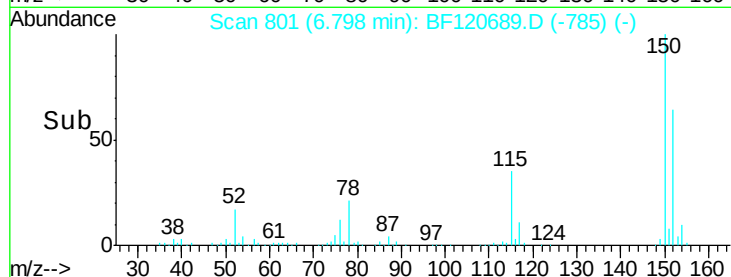
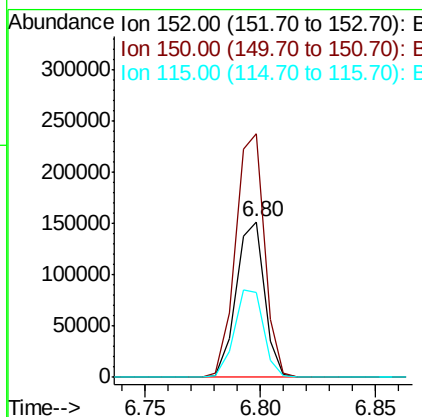
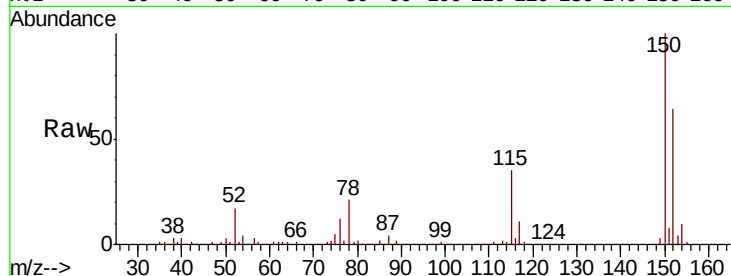
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Instrument :
BNA_F
ClientSampled :
SB-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.2	184.8
115	54.7	43.9	65.9

Manual Integrations
APPROVED

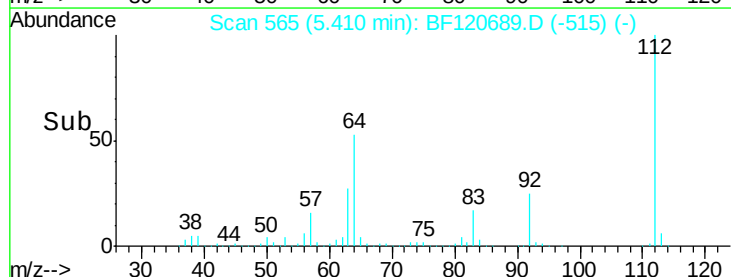
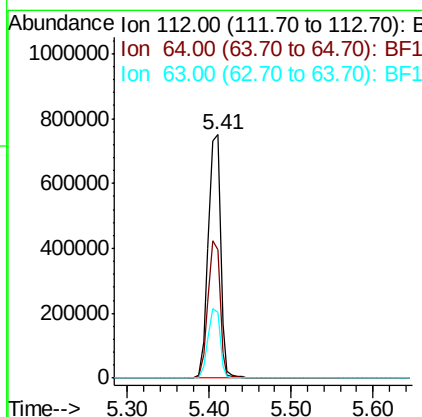
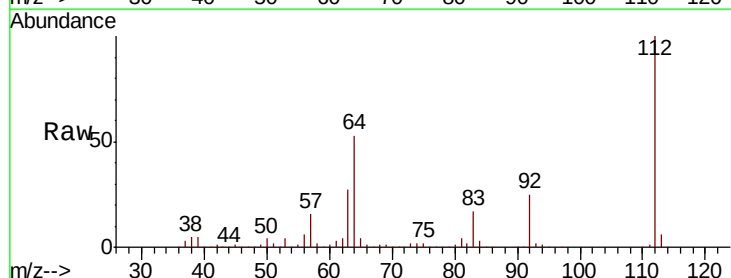
Sohil
6/23/2020 2:03:43 PM

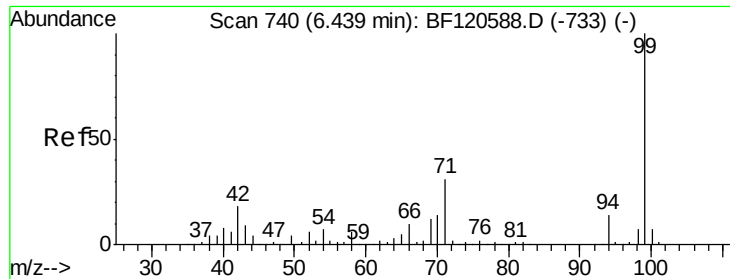


#5

2-Fluorophenol
Concen: 103.886 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.1	69.1
63	26.8	23.7	35.5





#7

Phenol-d6

Concen: 105.174 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Instrument :

BNA_F

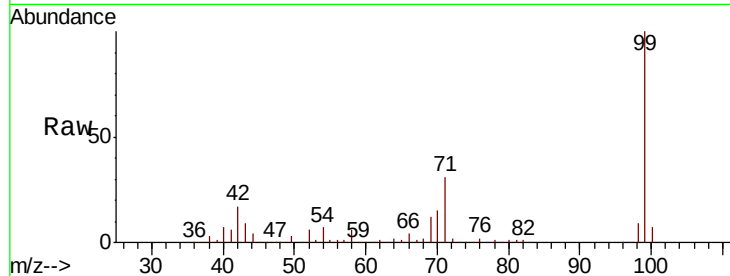
ClientSampled :

SB-19

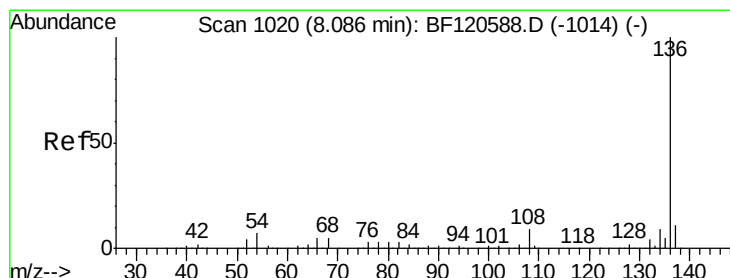
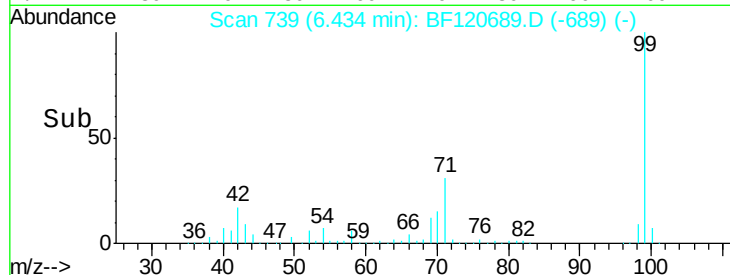
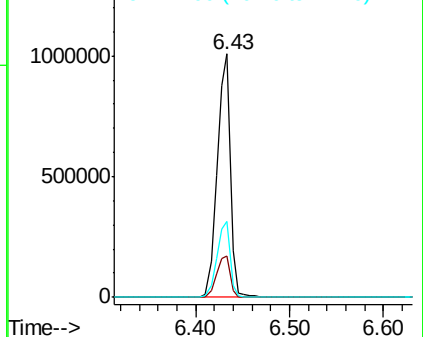
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	992276		
42	42	17.2		14.0	21.0
71	71	31.3		24.9	37.3

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

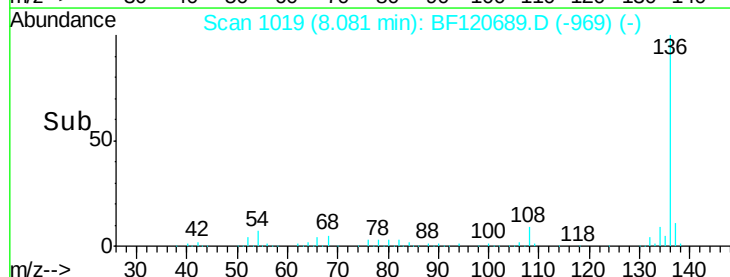
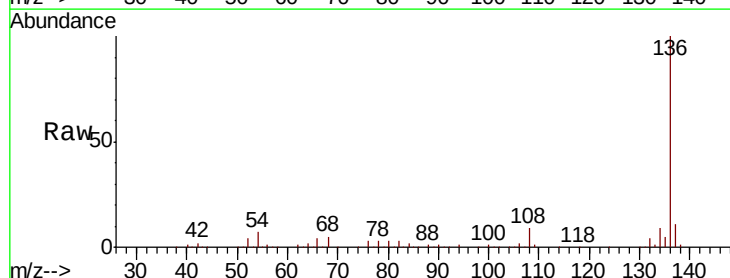
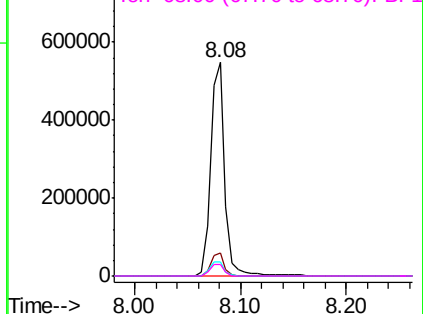
Delta R.T. -0.01 min

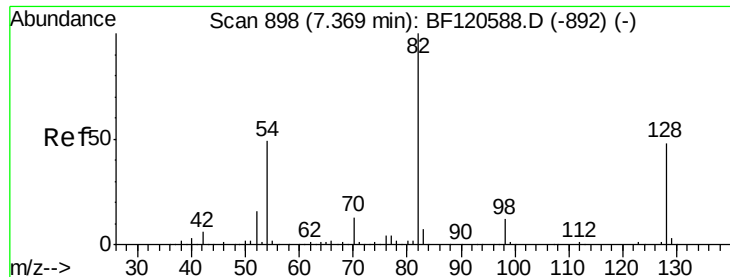
Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	513435		
137	137	10.6		8.6	13.0
54	54	6.6		5.8	8.6
68	68	5.2		4.4	6.6

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





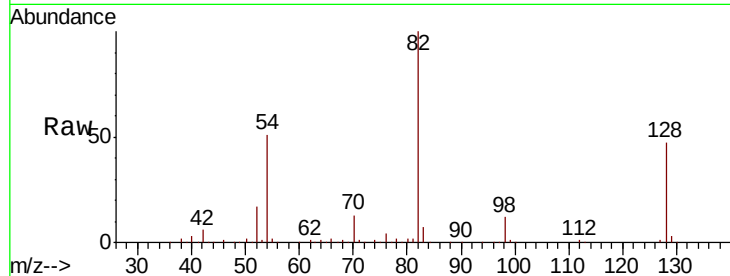
#23
Nitrobenzene-d5
Concen: 65.981 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Instrument :
BNA_F
ClientSampled :
SB-19

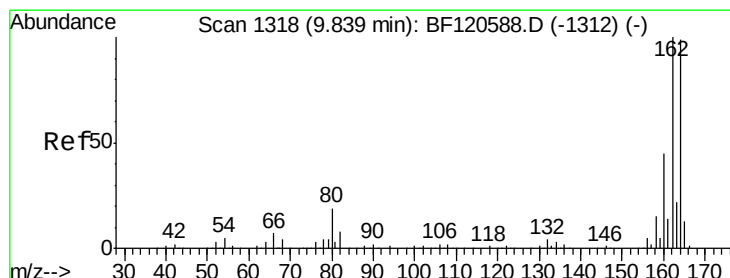
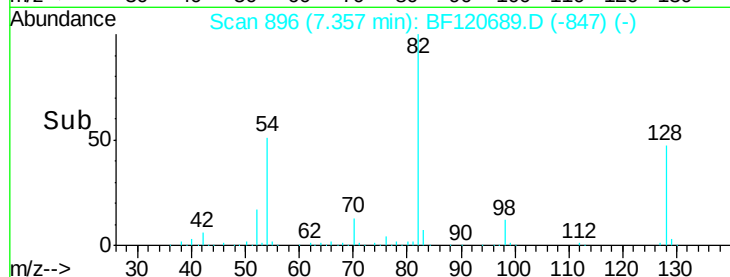
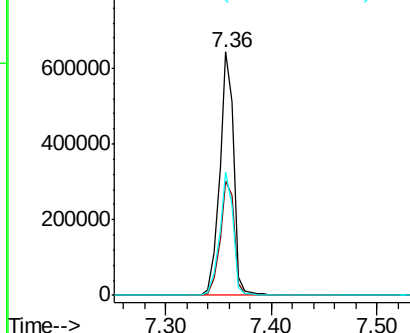
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.0	57.0
54	50.7	38.8	58.2

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 PM



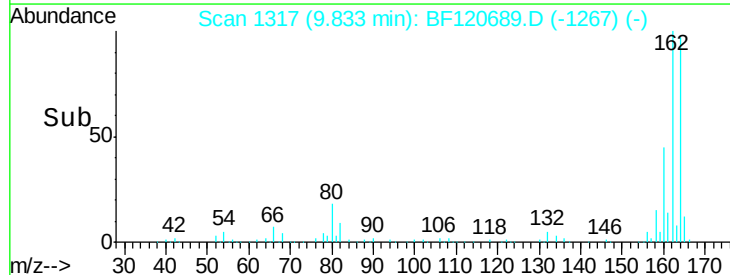
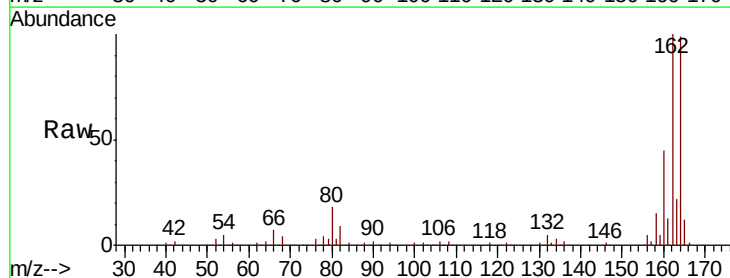
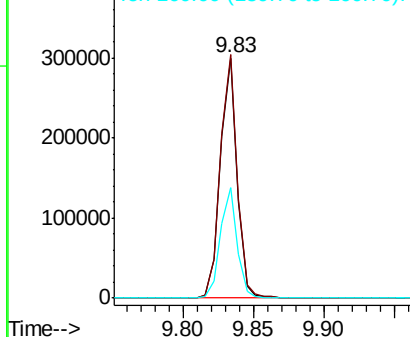
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

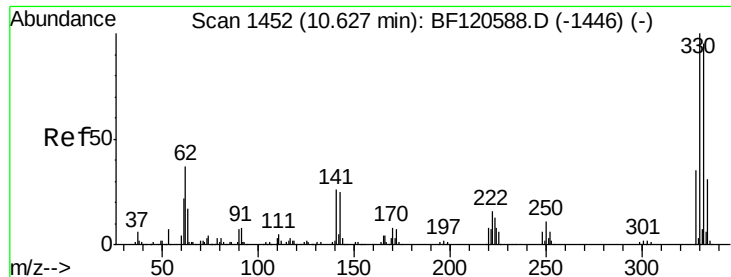


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	45.9	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





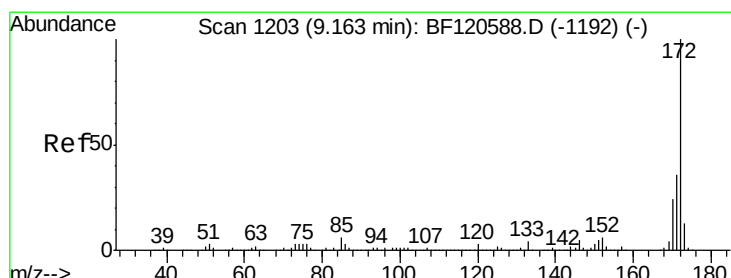
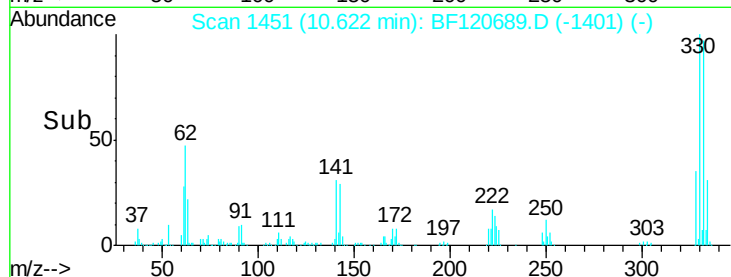
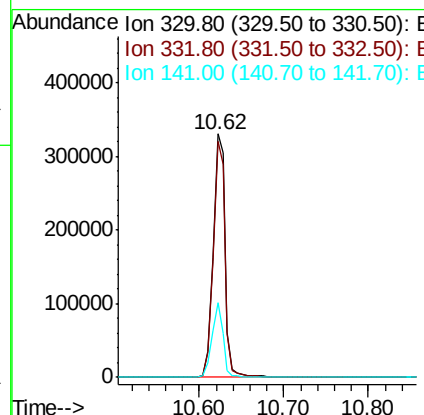
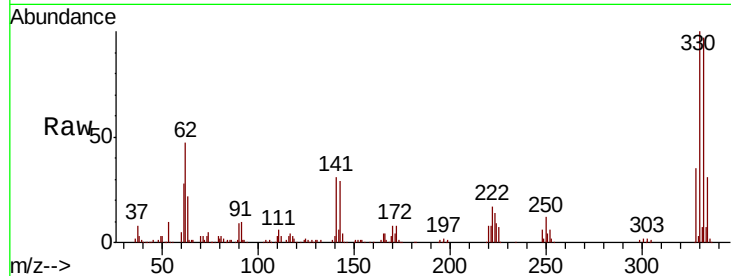
#42
 2,4,6-Tribromophenol
 Concen: 115.148 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120689.D
 Acq: 22 Jun 2020 21:35

Instrument :
 BNA_F
 ClientSampled :
 SB-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	28.0	23.2	34.8

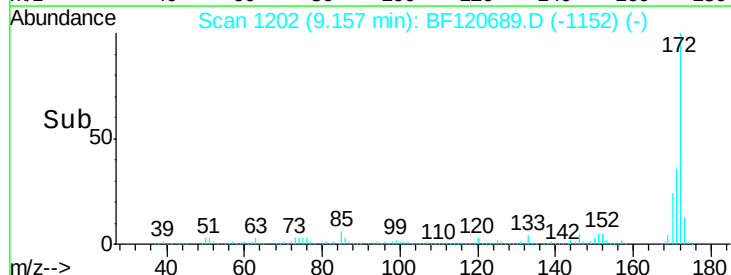
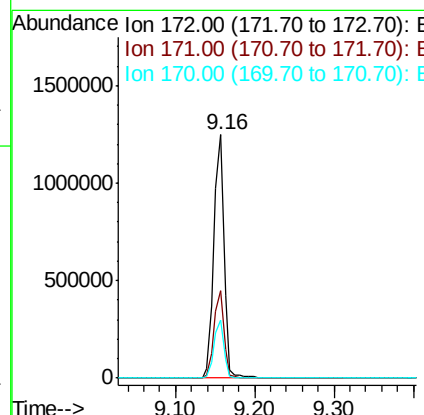
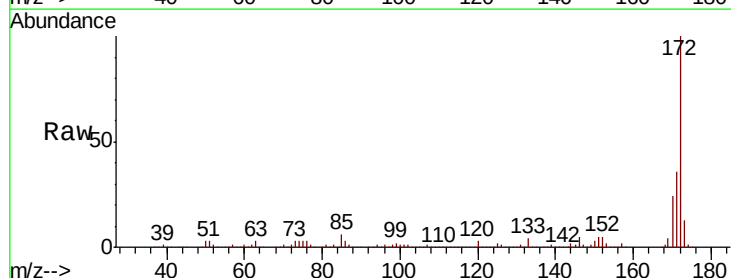
Manual Integrations
 APPROVED

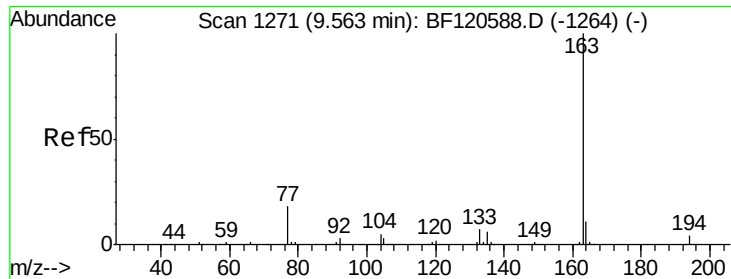
Sohil
 6/23/2020 2:03:43 PM



#45
 2-Fluorobiphenyl
 Concen: 69.767 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120689.D
 Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.7	19.4	29.2





#50

Dimethylphthalate

Concen: 7.669 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Instrument :

BNA_F

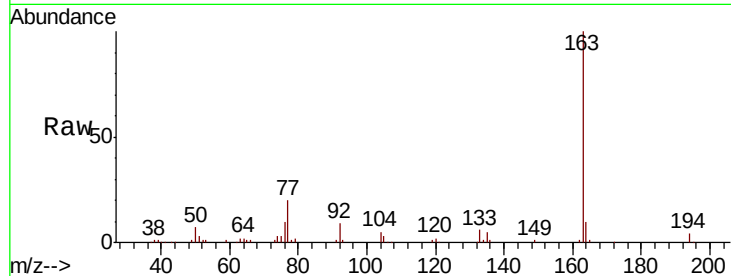
ClientSampled :

SB-19

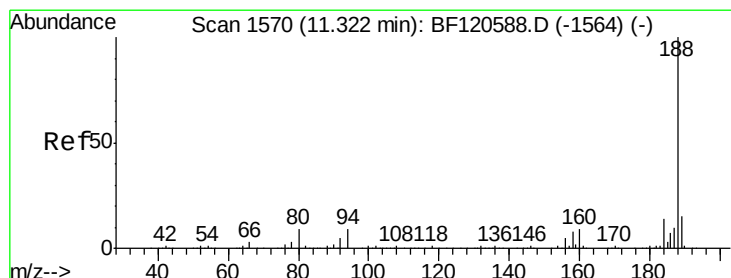
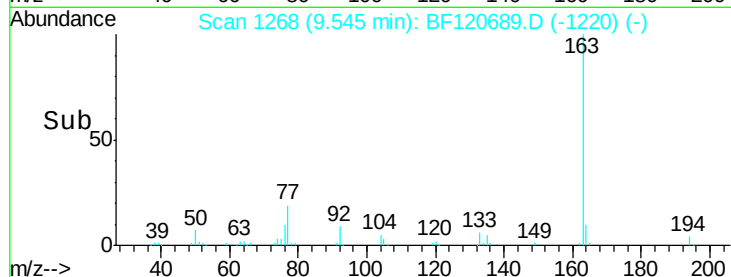
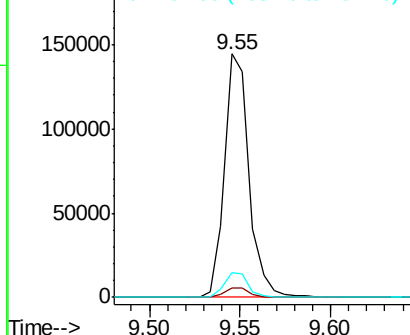
Tot Ion:	163	Resp:	136588
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.0	8.5	12.7

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 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

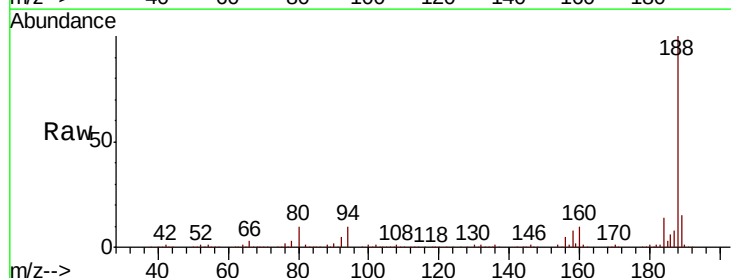
RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

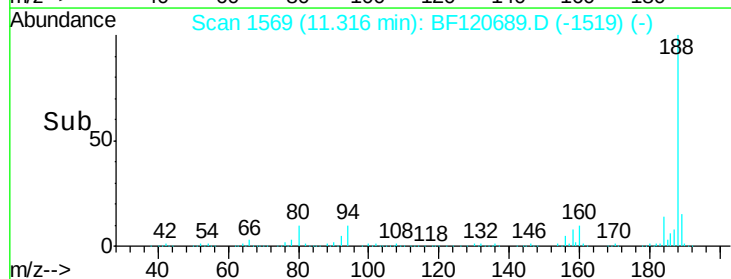
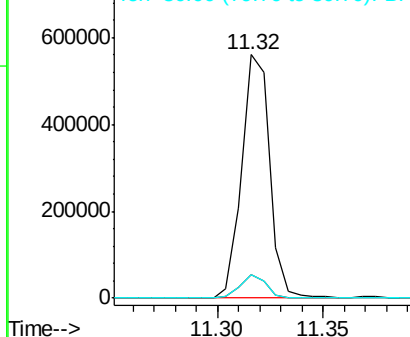
Lab File: BF120689.D

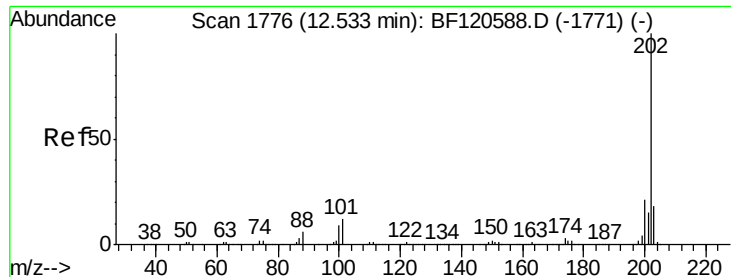
Acq: 22 Jun 2020 21:35

Tgt Ion:	188	Resp:	515410
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.2	10.8
80	9.9	7.4	11.2



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: 4.014 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Instrument :

BNA_F

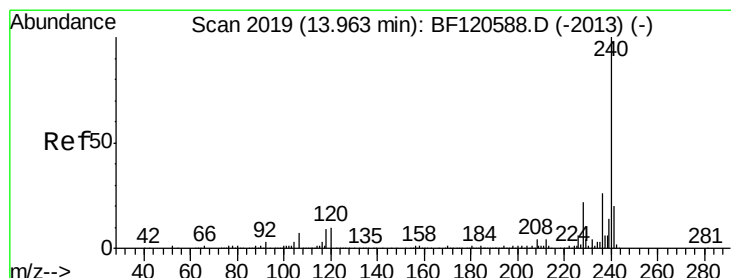
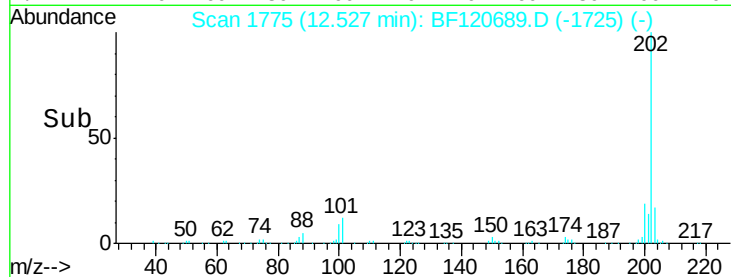
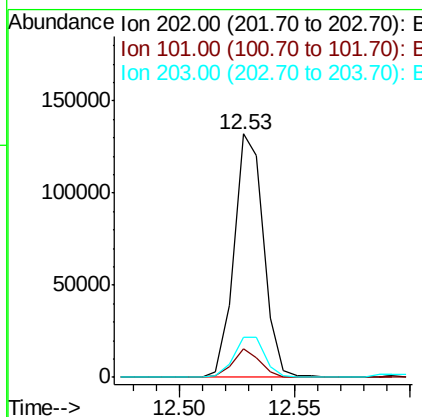
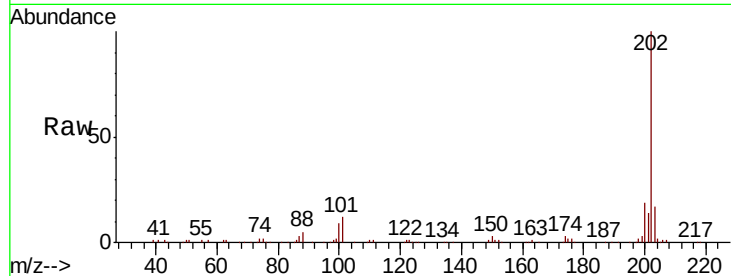
ClientSampled :

SB-19

Tot Ion	Ratio	Resp	Lower	Upper
202	100	117583		
101	11.6	0.0	32.0	
203	16.7	0.0	38.3	

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 PM



#76

Chrysene-d12

Concen: 20.000 ng

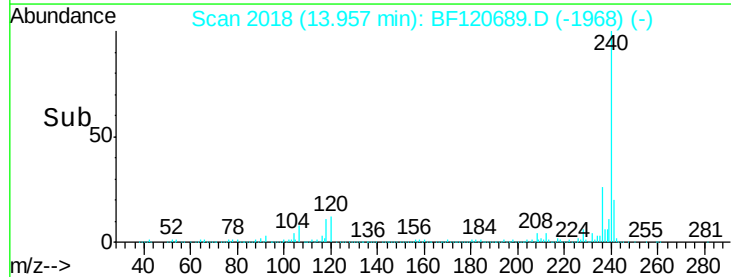
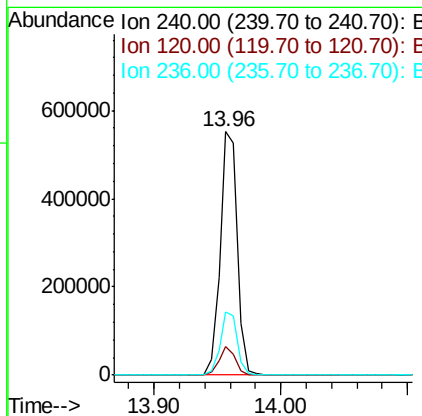
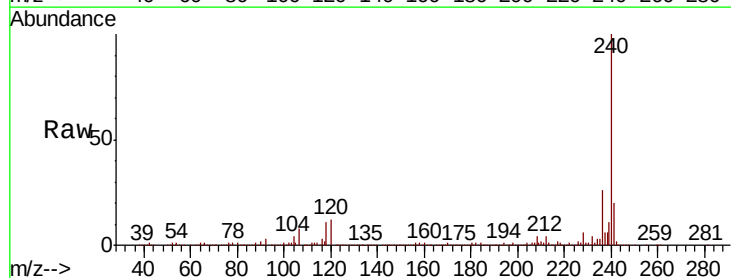
RT: 13.96 min Scan# 2018

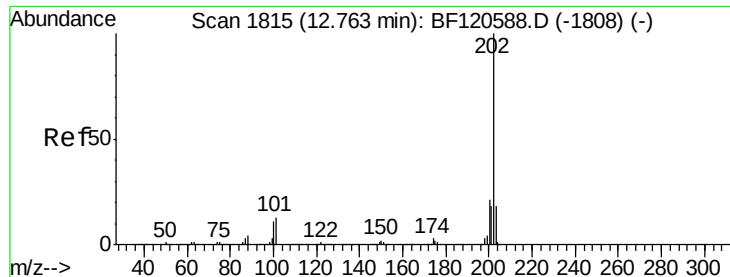
Delta R.T. -0.01 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	521695		
120	11.9	8.3	12.5	
236	26.1	21.0	31.4	





#78

Pvrene

Concen: 3.997 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Instrument :

BNA_F

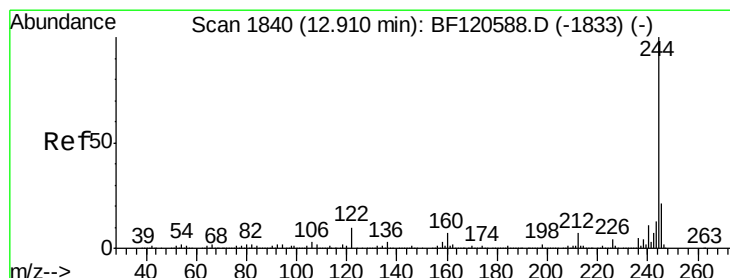
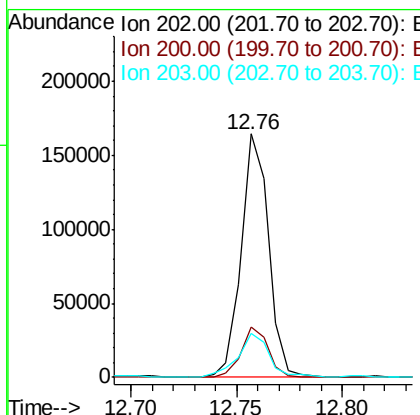
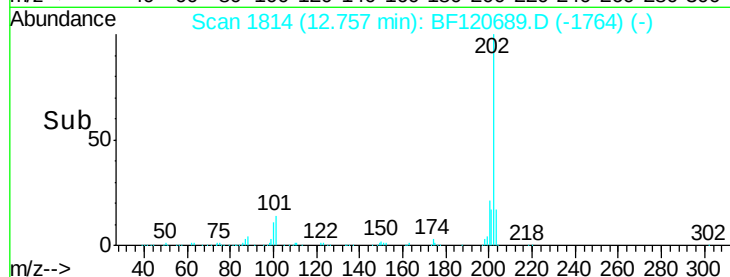
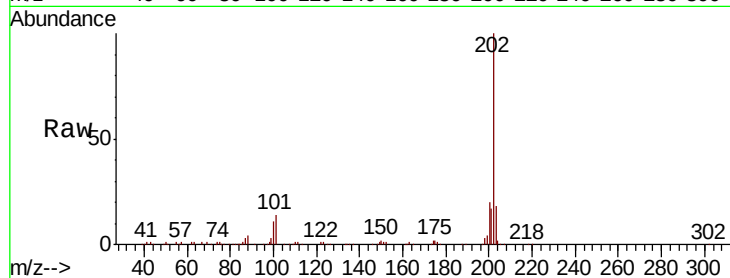
ClientSampleId :

SB-19

Tot Ion:	202	Resp:	147727
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	17.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
6/23/2020 2:03:43 PM



#79

Terphenyl-d14

Concen: 70.622 ng

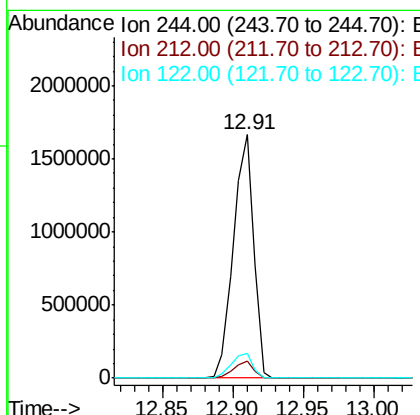
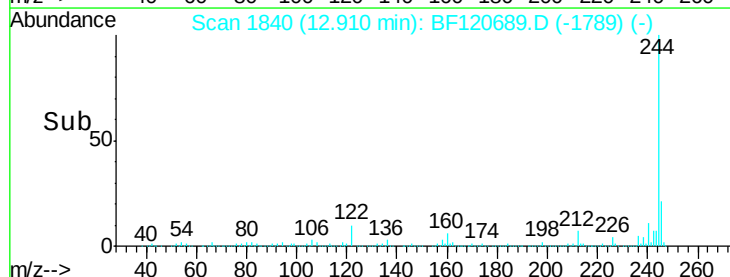
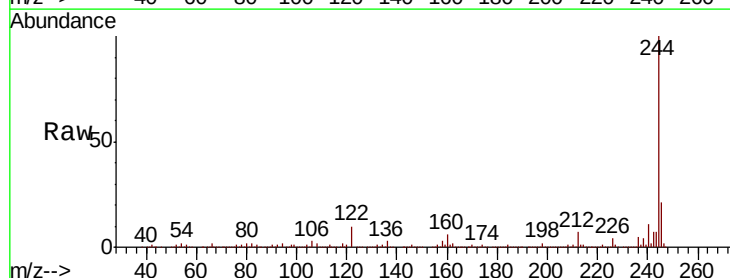
RT: 12.91 min Scan# 1840

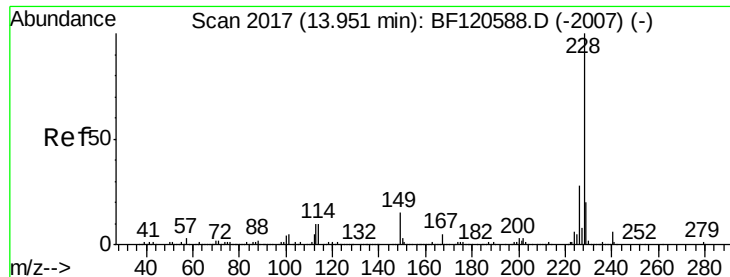
Delta R.T. 0.00 min

Lab File: BF120689.D

Acq: 22 Jun 2020 21:35

Tgt Ion:	244	Resp:	1667954
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	10.3	8.3	12.5





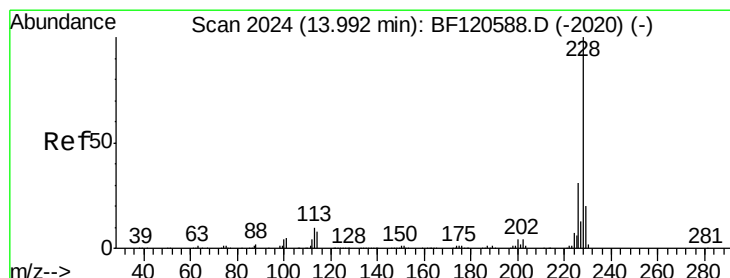
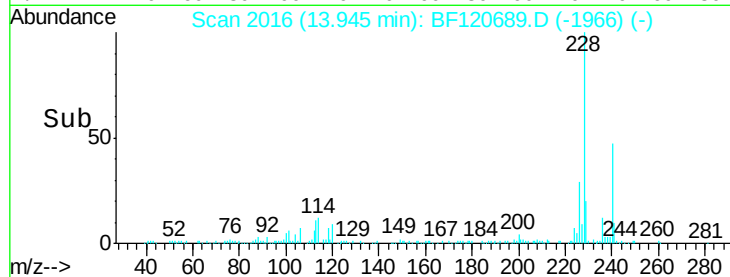
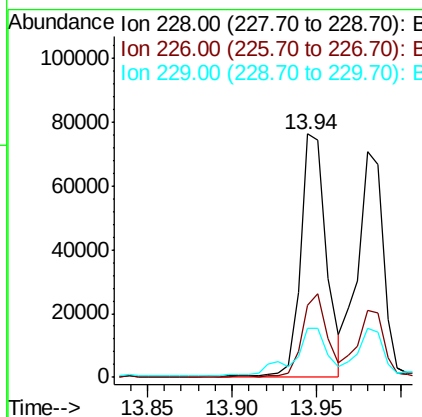
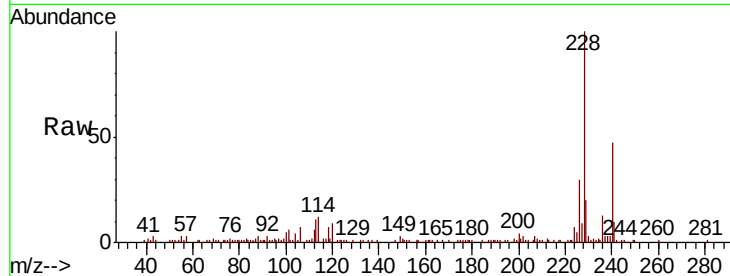
#81
Benzo(a)anthracene
Concen: 2.596 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Instrument :
BNA_F
ClientSampled :
SB-19

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.5	33.7
229	20.3	16.1	24.1

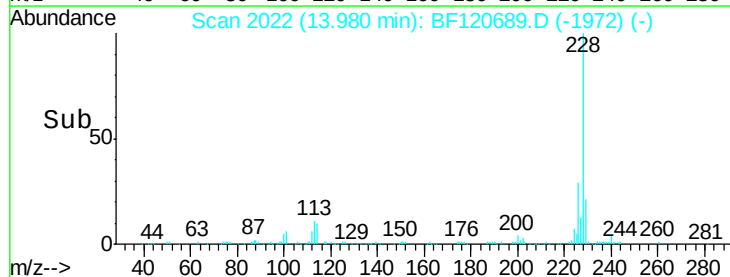
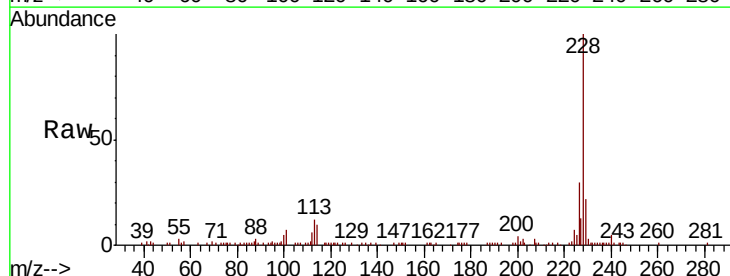
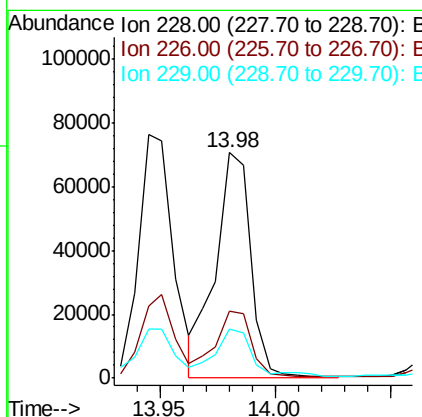
Manual Integrations
APPROVED

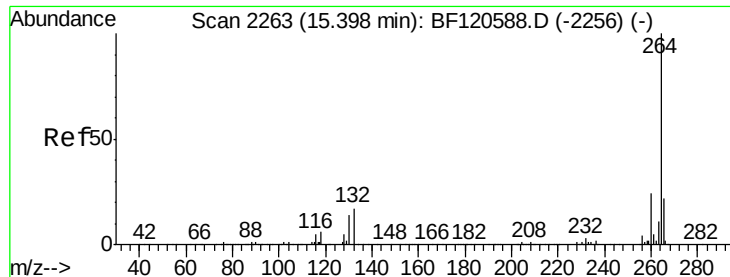
Sohil
6/23/2020 2:03:43 PM



#83
Chrysene
Concen: 2.329 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.7	16.1	24.1





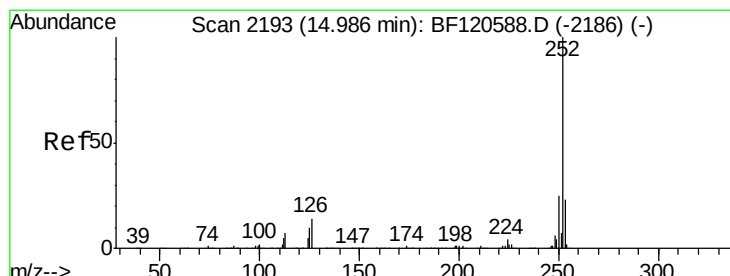
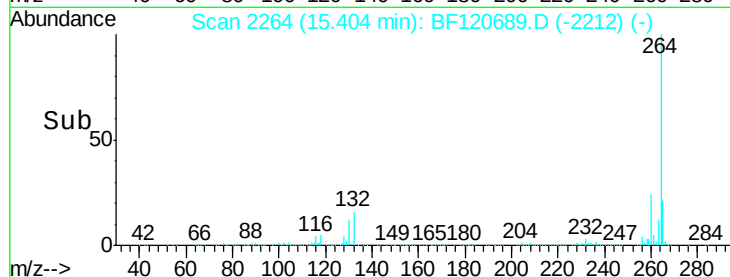
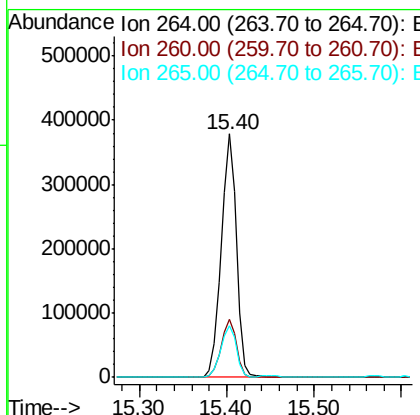
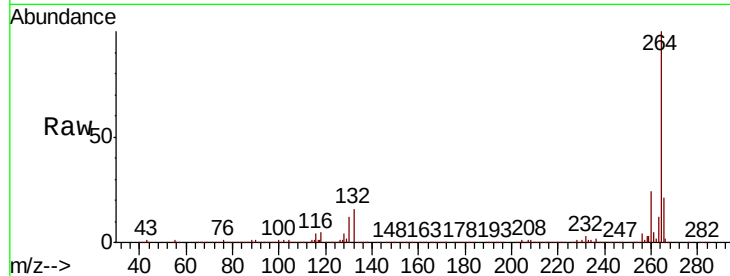
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Instrument :
BNA_F
ClientSampled :
SB-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.4	17.8	26.8

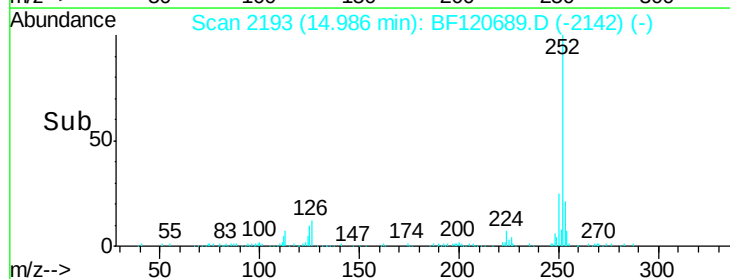
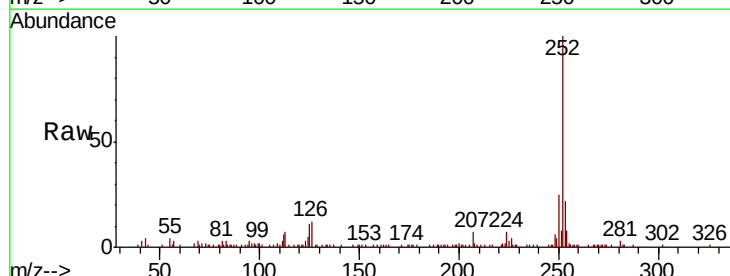
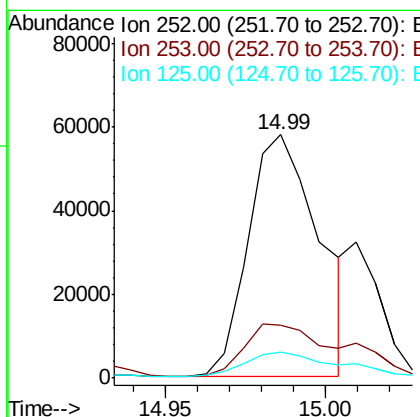
Manual Integrations
APPROVED

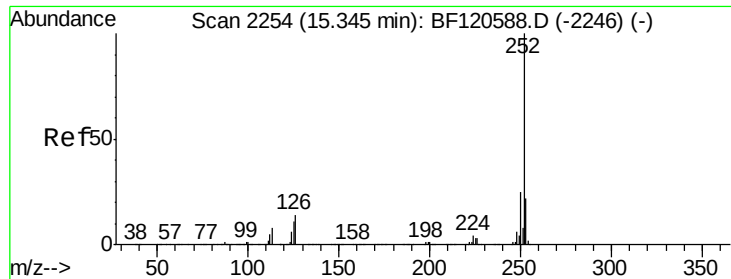
Sohil
6/23/2020 2:03:43 PM



#88
Benzo(b)fluoranthene
Concen: 3.234 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120689.D
Acq: 22 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.6	8.3	12.5





#90
 Benzo(a)pyrene
 Concen: 2.630 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BF120689.D
 Acq: 22 Jun 2020 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.3	8.6	12.8

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:03:43 PM

