

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121146.D
 Acq On : 31 Jul 2020 00:25
 Operator : JU/CG
 Sample : L3449-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-059-A

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:12:06 PM

Quant Time: Jul 31 04:12:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142979	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	543605	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	266420	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	451351	20.00	ng	0.00
76) Chrysene-d12	13.97	240	344619	20.00	ng	0.01
86) Perylene-d12	15.43	264	302102	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	179208	20.55	ng	0.00
7) Phenol-d6	6.43	99	233141	20.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	127308	13.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	45643	15.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	284824	15.96	ng	0.00
79) Terphenyl-d14	12.91	244	240038	15.14	ng	0.00
Target Compounds						
75) Fluoranthene	12.55	202	71235	2.769	ng	Qvalue 100
78) Pyrene	12.77	202	70158	2.879	ng	99
81) Benzo(a)anthracene	13.96	228	42671	2.045	ng	94
88) Benzo(b)fluoranthene	15.00	252	52226m	2.860	ng	
90) Benzo(a)pyrene	15.37	252	37118	2.228	ng	# 83

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

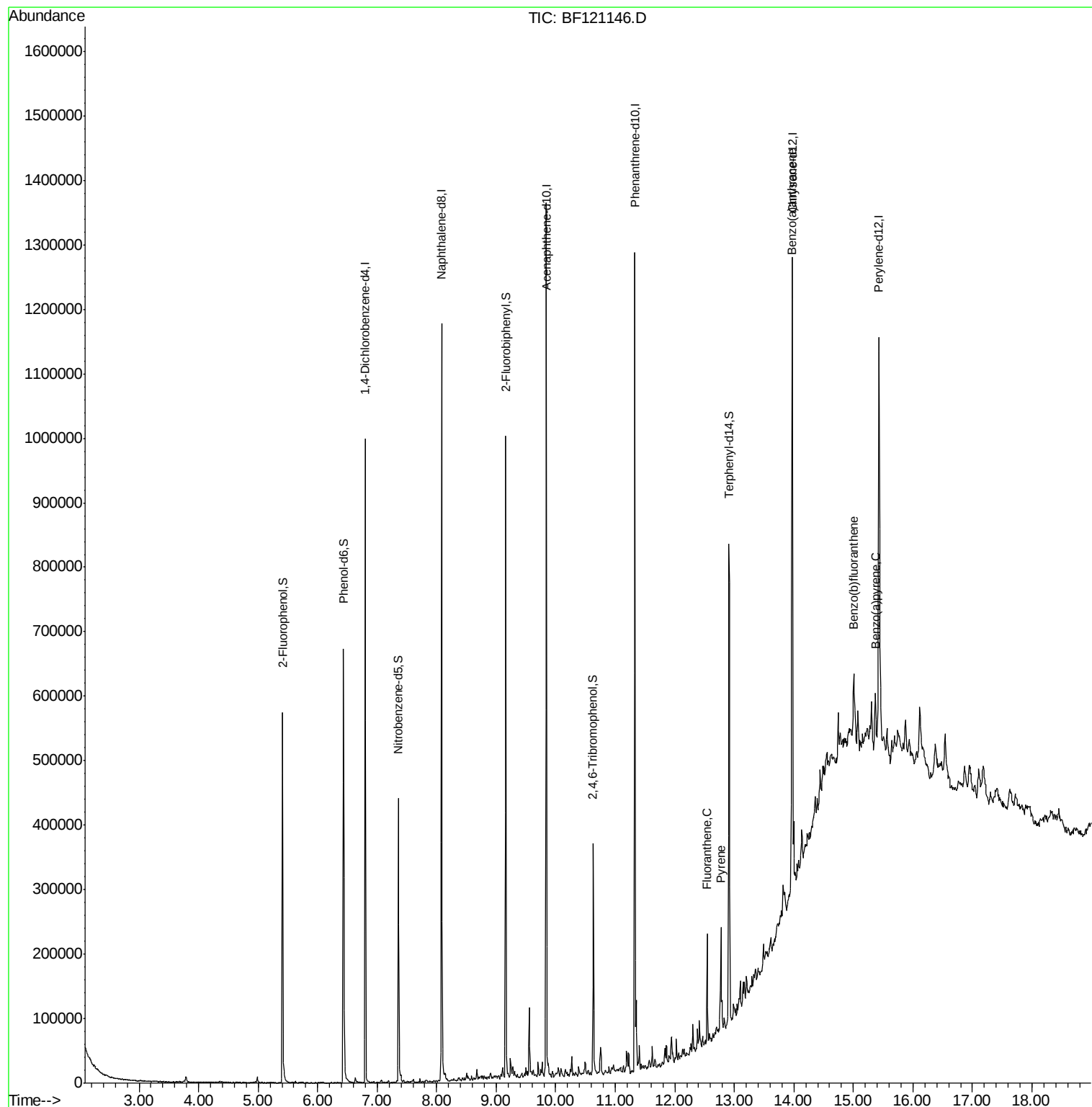
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121146.D
Acq On : 31 Jul 2020 00:25
Operator : JU/CG
Sample : L3449-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

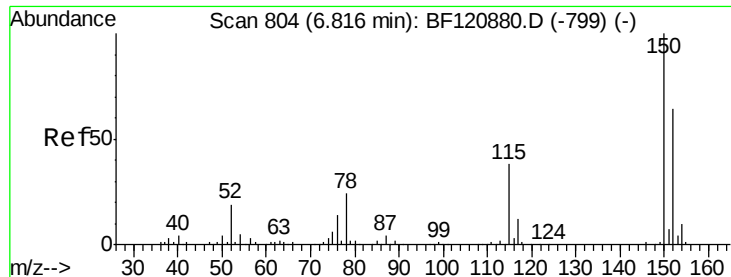
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-059-A

Manual Integrations
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7/31/2020 12:12:06 PM

Quant Time: Jul 31 04:12:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

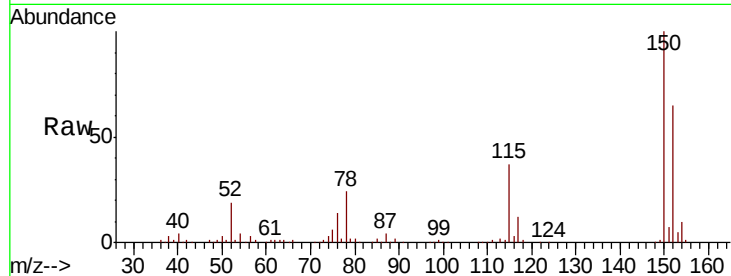
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-059-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	56.8	46.2	69.2

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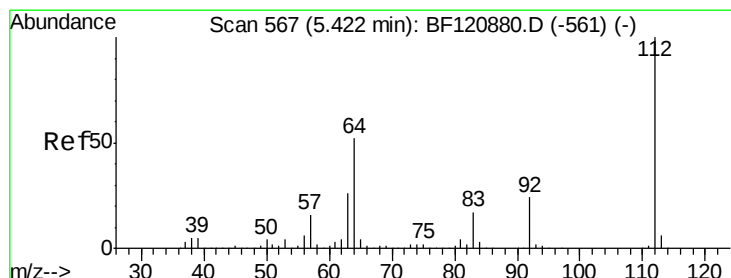
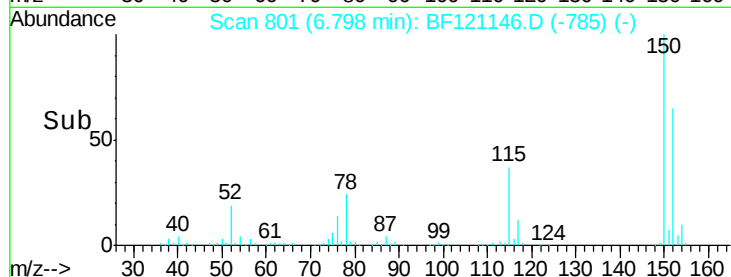
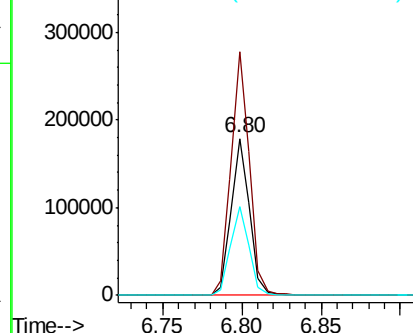


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

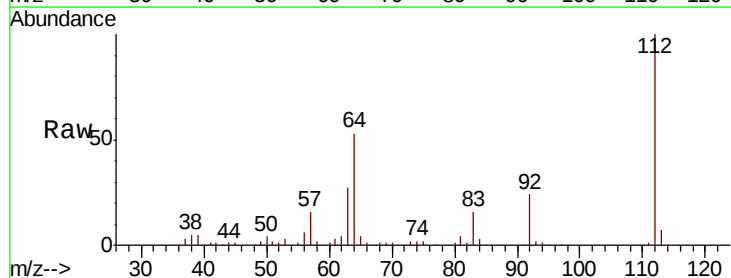
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.547 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.9	65.9
63	26.8	22.7	34.1

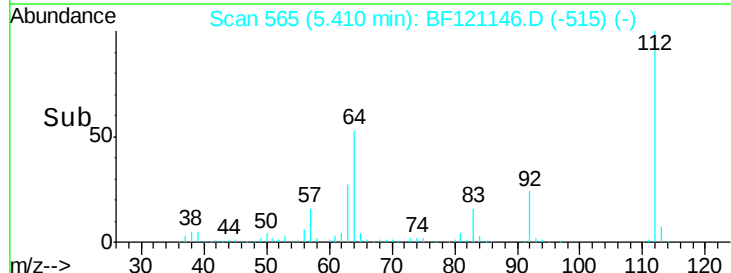
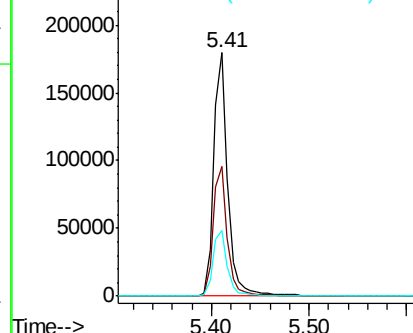


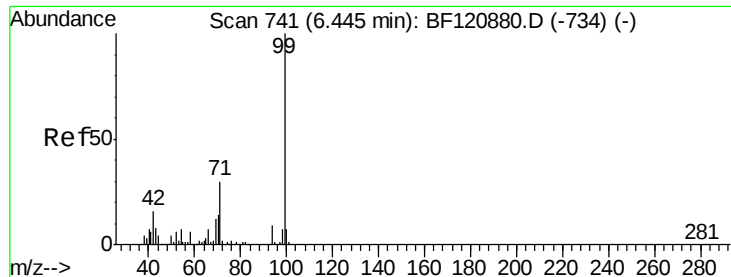
Abundance

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: 20.694 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Instrument :

BNA_F

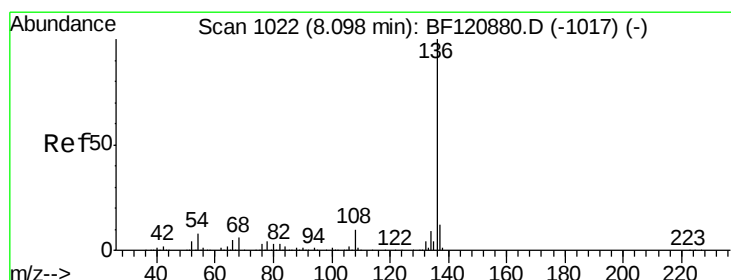
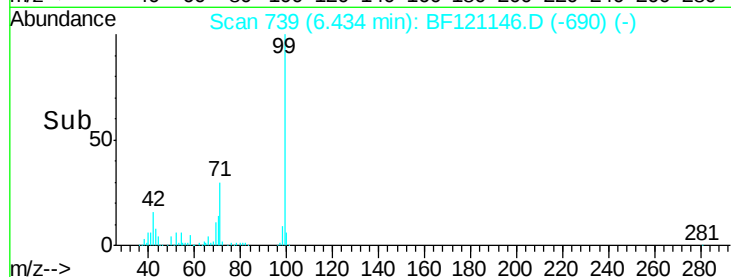
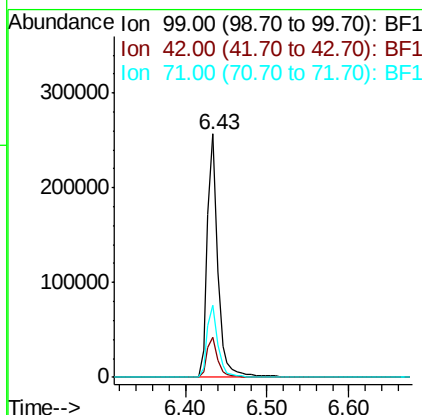
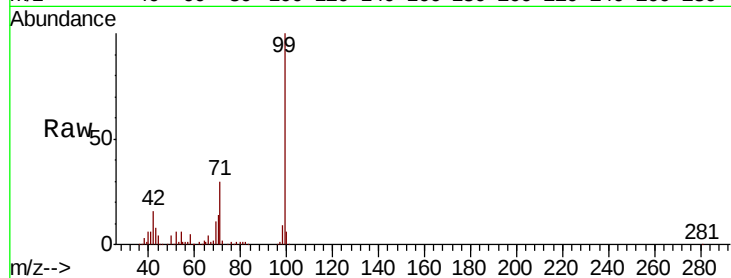
ClientSampleId :

FK-GF-02-059-A

Tot Ion:	99	Resp:	233141
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	29.8	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.000 ng

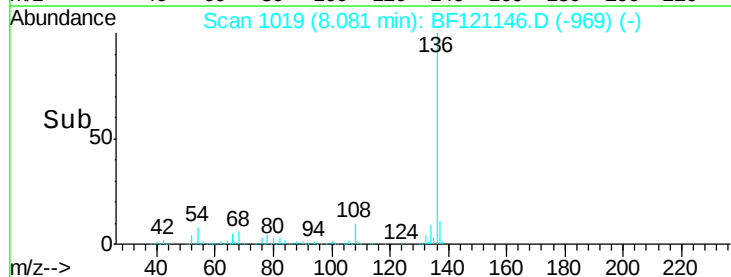
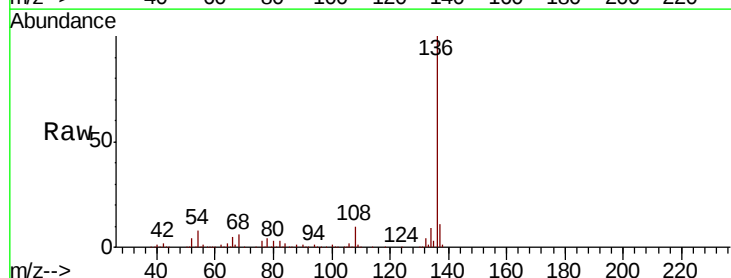
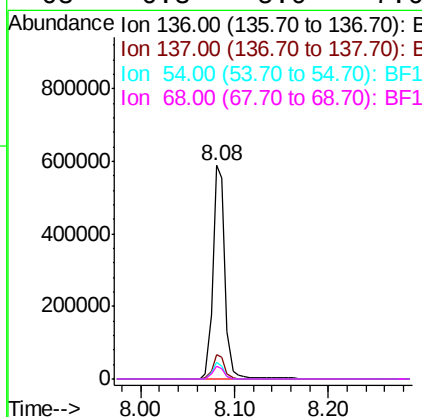
RT: 8.08 min Scan# 1019

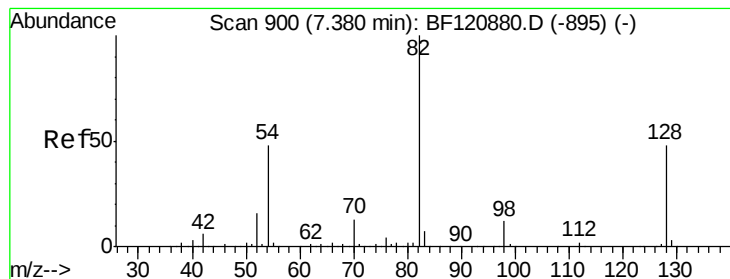
Delta R.T. -0.01 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Tgt Ion:	136	Resp:	543605
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.9	6.1	9.1
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 13.551 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Instrument :

BNA_F

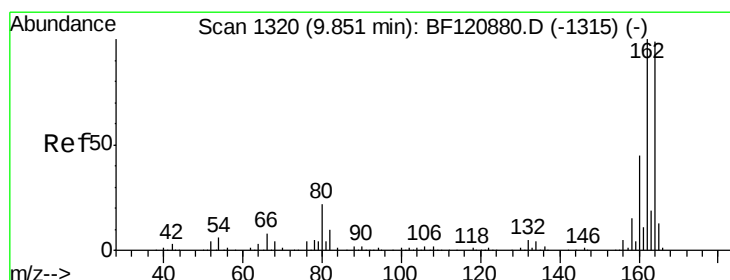
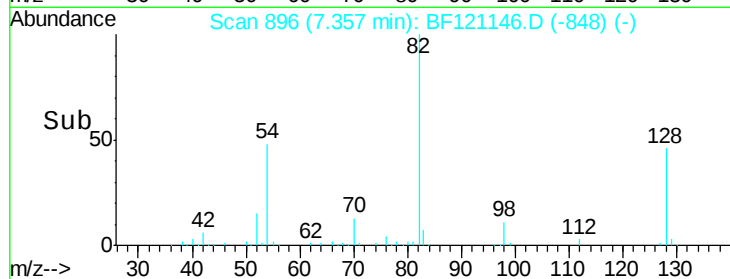
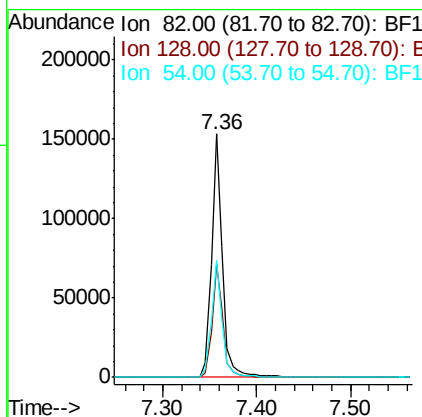
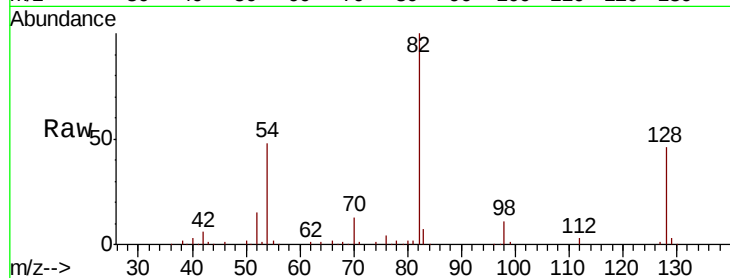
ClientSampleId :

FK-GF-02-059-A

Tot Ion:	82	Resp:	127308
Ion Ratio	Lower	Upper	
82	100		
128	46.2	39.2	58.8
54	48.3	37.8	56.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

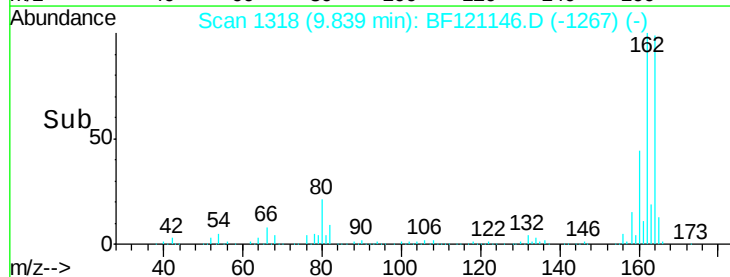
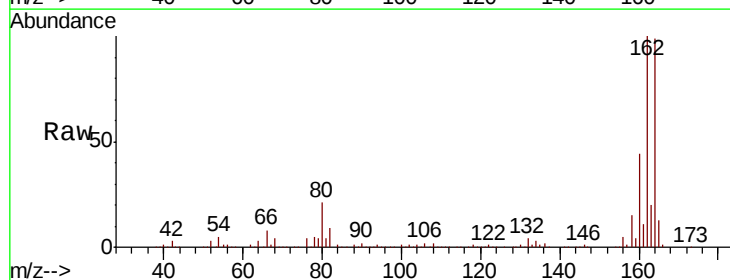
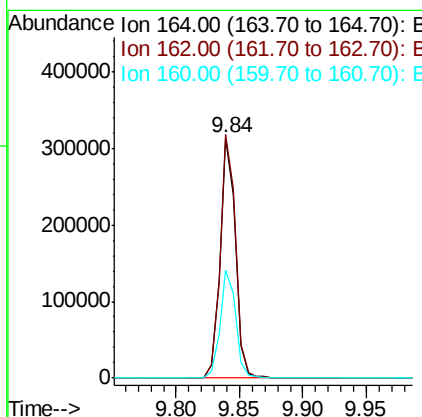
RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Tgt Ion:	164	Resp:	266420
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.2
160	45.1	37.2	55.8





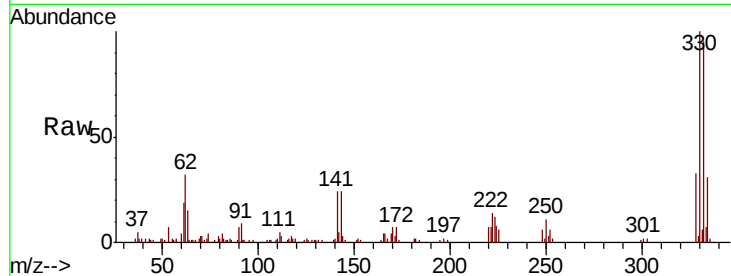
#42
 2,4,6-Tribromophenol
 Concen: 15.651 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF121146.D
 Acq: 31 Jul 2020 00:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-059-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	33.6	24.1	36.1

Manual Integrations
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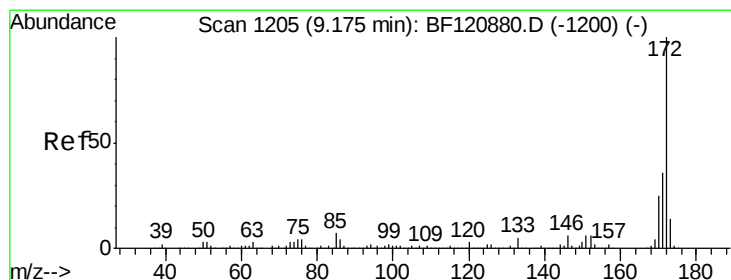
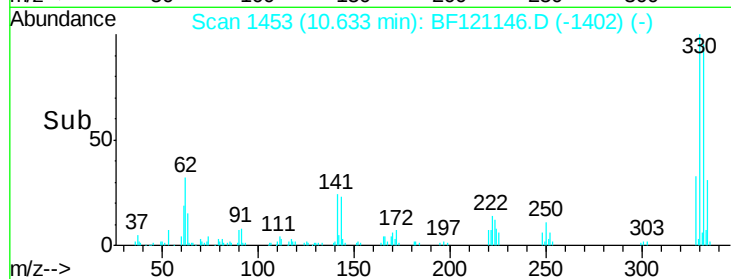
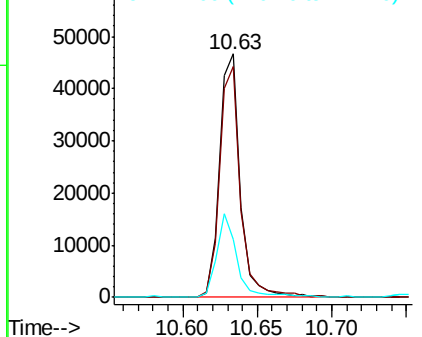


Abundance

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: 15.962 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121146.D
 Acq: 31 Jul 2020 00:25

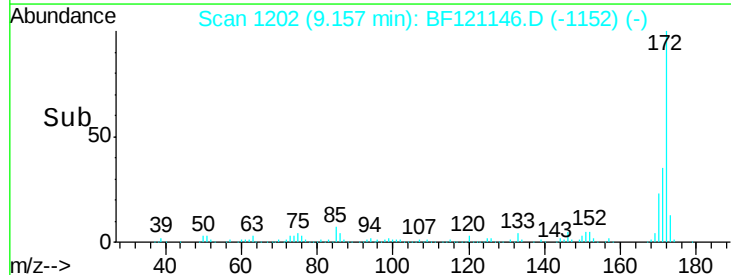
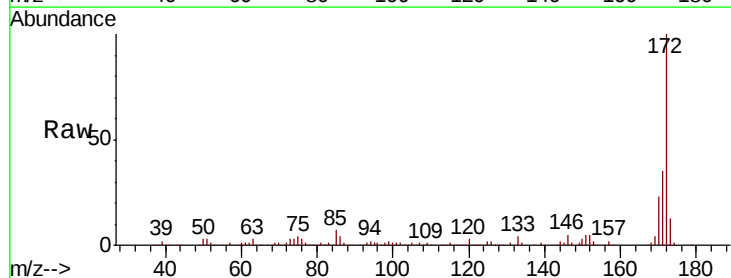
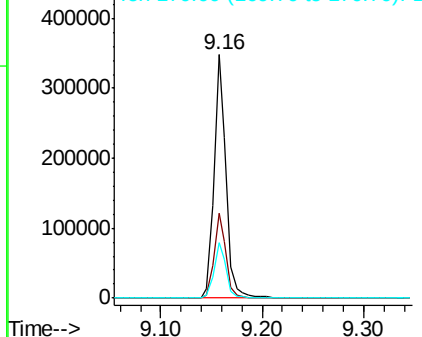
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.0	19.6	29.4

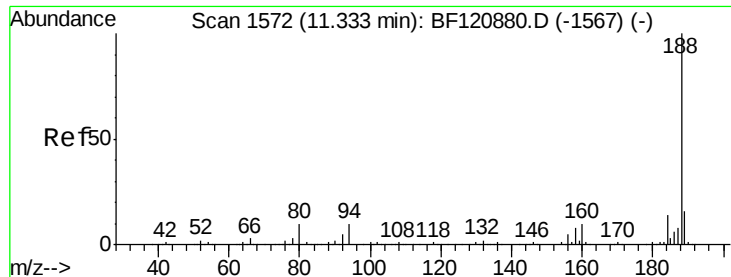
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Instrument :

BNA_F

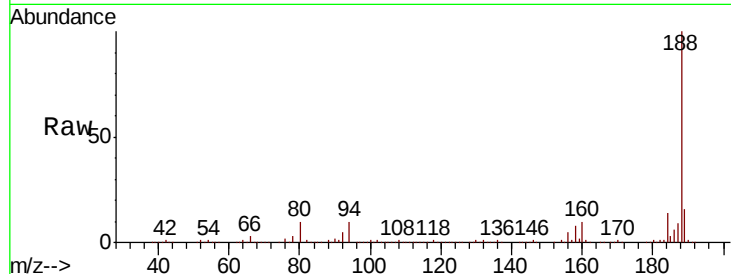
ClientSampleId :

FK-GF-02-059-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	451351		
94	9.6	8.0	12.0	
80	9.7	8.3	12.5	

Manual Integrations
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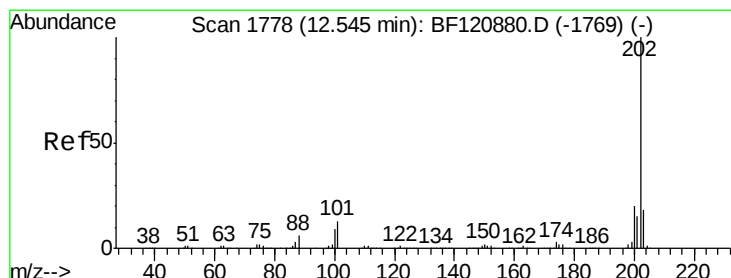
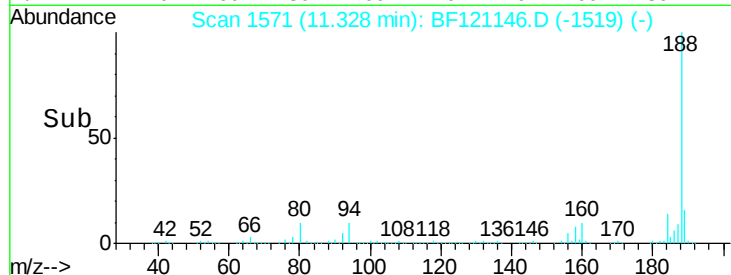
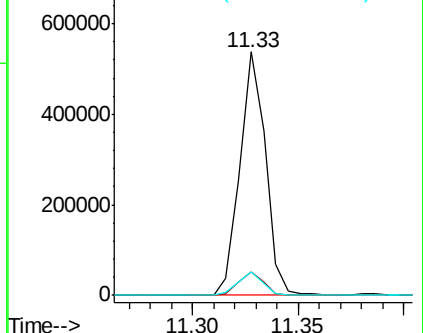
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.769 ng

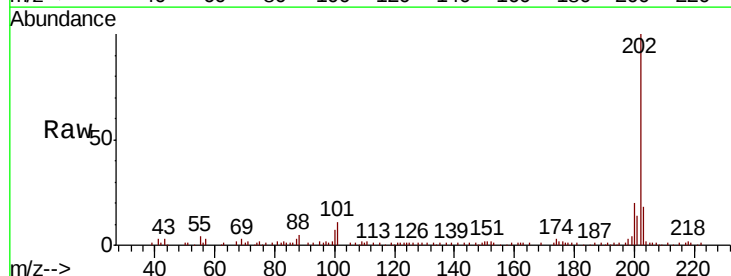
RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

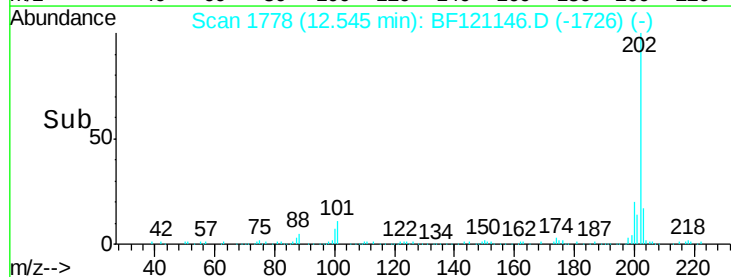
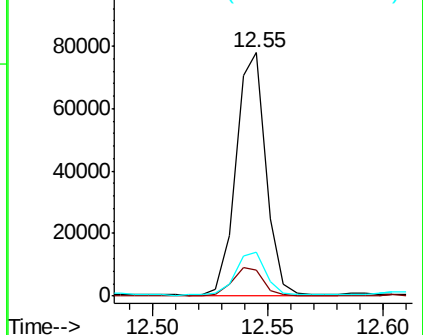
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71235		
101	10.6	0.0	30.5	
203	17.8	0.0	37.7	

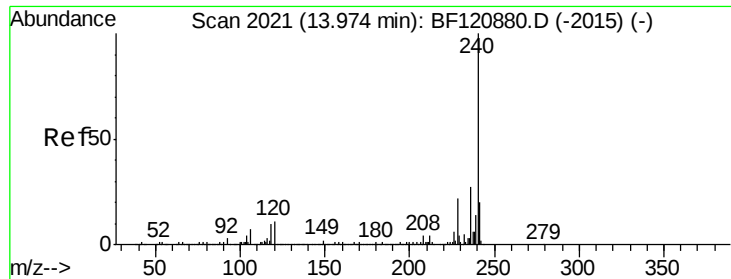


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





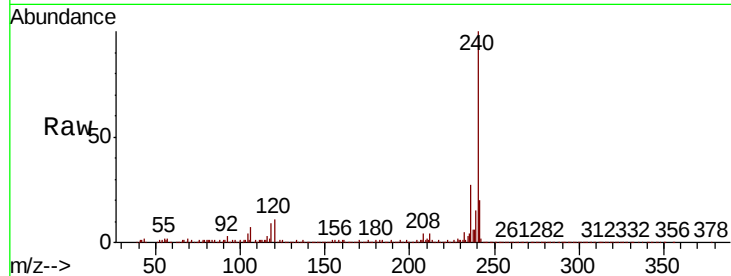
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-059-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	26.5	21.1	31.7

Manual Integrations
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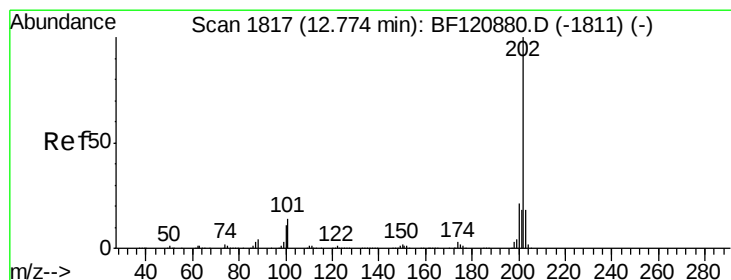
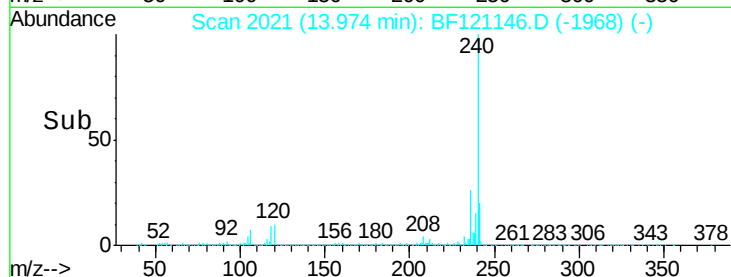
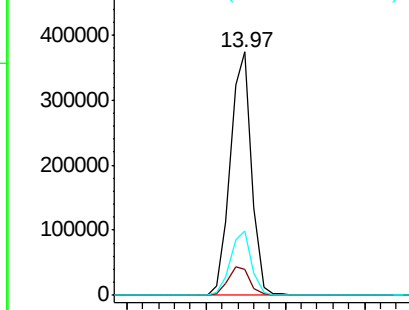


Abundance

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
Pyrene
Concen: 2.879 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

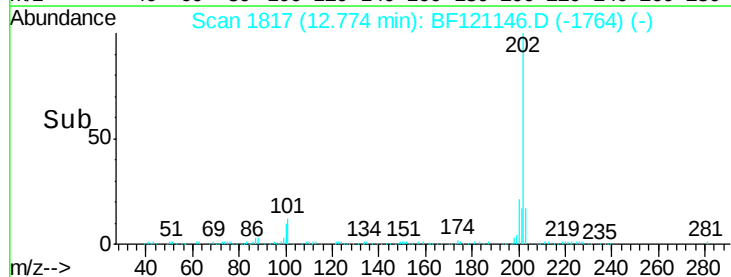
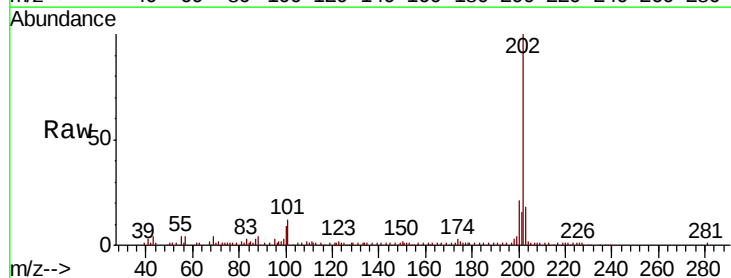
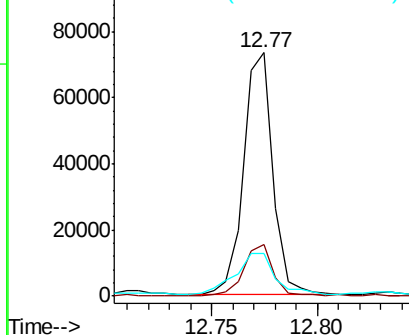
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.6	14.6	21.8

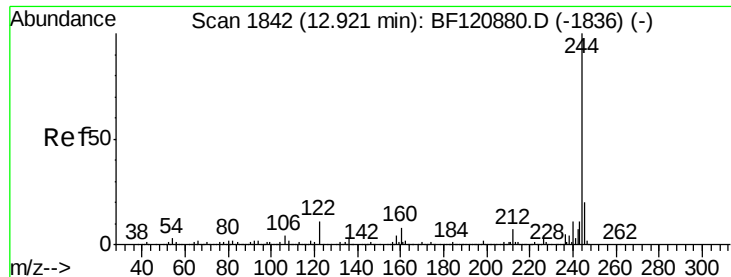
Abundance

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





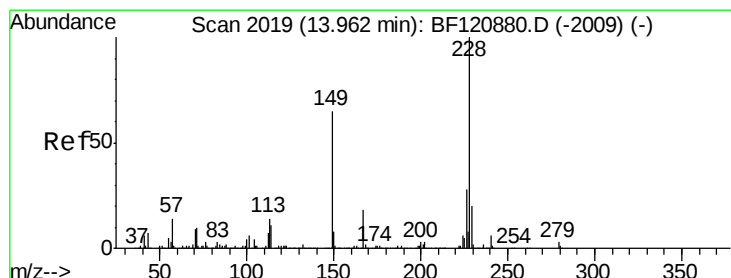
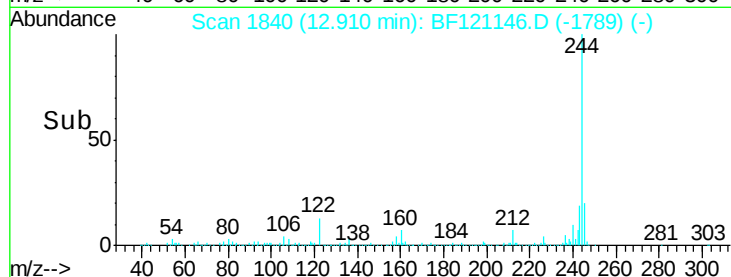
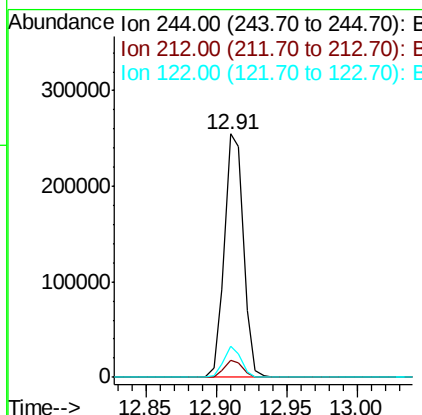
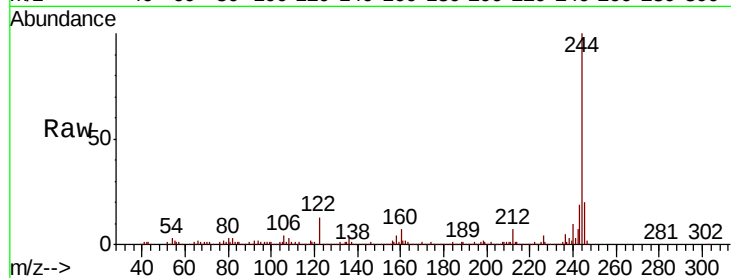
#79
 Terphenyl-d14
 Concen: 15.141 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121146.D
 Acq: 31 Jul 2020 00:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-059-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.8	8.3	12.5

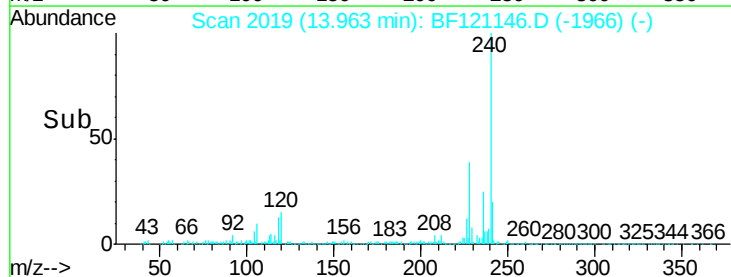
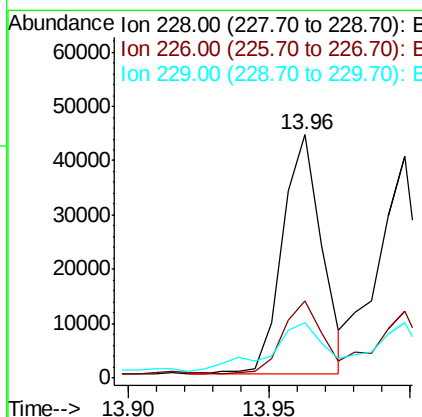
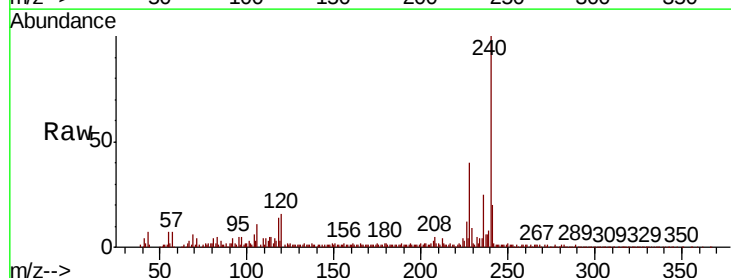
Manual Integrations
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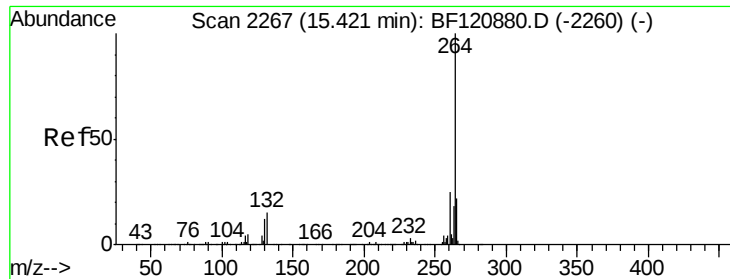
Sohil
 7/31/2020 12:12:06 PM



#81
 Benzo(a)anthracene
 Concen: 2.045 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121146.D
 Acq: 31 Jul 2020 00:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	34.0
229	22.7	16.1	24.1





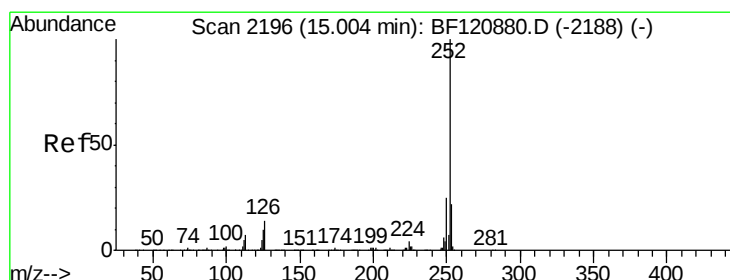
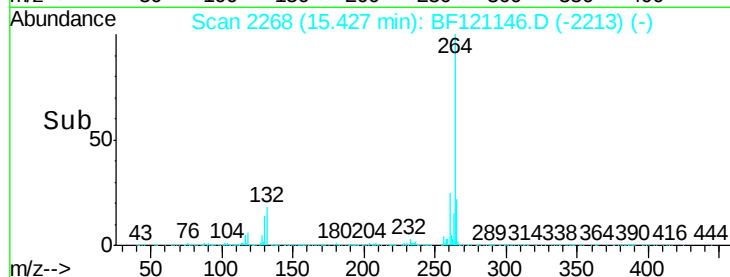
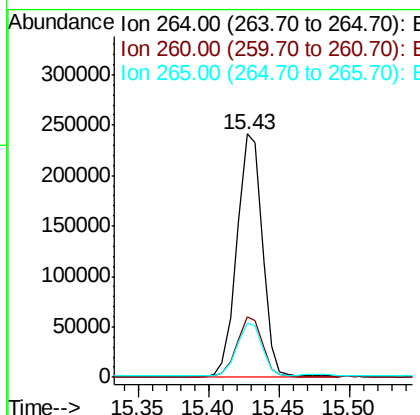
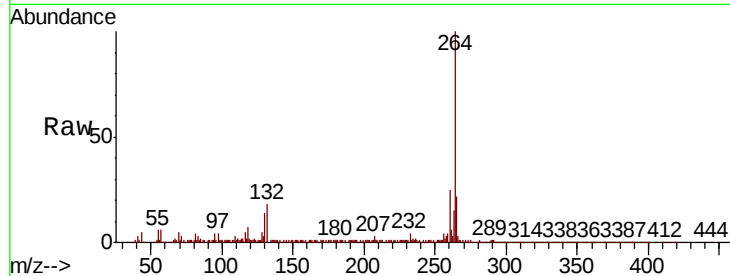
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-059-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.3	17.8	26.8

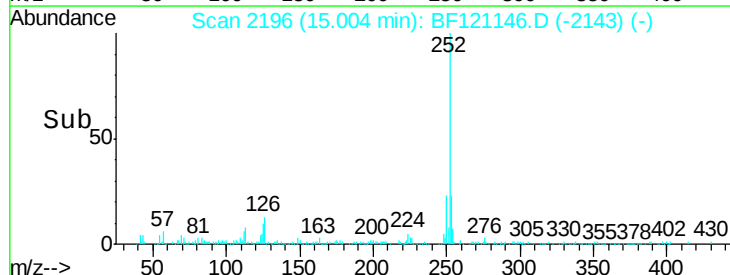
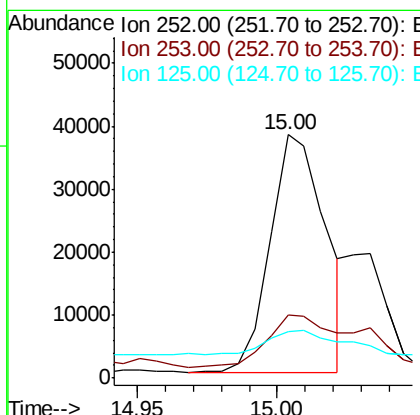
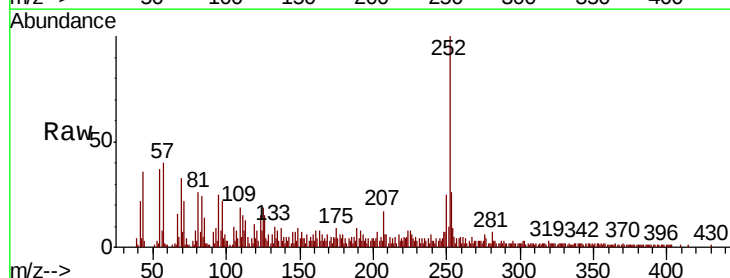
Manual Integrations
APPROVED

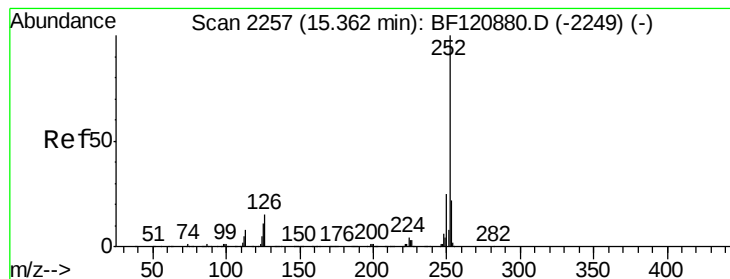
Sohil
7/31/2020 12:12:06 PM



#88
Benzo(b)fluoranthene
Concen: 2.860 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF121146.D
Acq: 31 Jul 2020 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	19.3	8.1	12.1#





#90

Benzo(a)pyrene

Concen: 2.228 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BF121146.D

Acq: 31 Jul 2020 00:25

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-059-A

Tot Ion:	252	Resp:	37118
Ion Ratio	Lower	Upper	
252	100		
253	28.9	18.0	27.0#
125	20.9	9.5	14.3#

Manual Integrations
APPROVED

Sohil
7/31/2020 12:12:06 PM

