

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121144.D
 Acq On : 30 Jul 2020 23:24
 Operator : JU/CG
 Sample : L3451-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-A

Manual Integrations
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Quant Time: Jul 31 03:53:58 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	127885	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	476955	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	230127	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	396615	20.00	ng	0.00
76) Chrysene-d12	13.97	240	352168	20.00	ng	0.01
86) Perylene-d12	15.43	264	290658	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	164659	21.11	ng	0.00
7) Phenol-d6	6.43	99	202943	20.14	ng	-0.01
23) Nitrobenzene-d5	7.36	82	109996	13.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	42073	16.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	239536	15.54	ng	0.00
79) Terphenyl-d14	12.91	244	227741	14.06	ng	0.00
Target Compounds						
75) Fluoranthene	12.54	202	69777	3.086	ng	98
78) Pyrene	12.77	202	69137	2.777	ng	99
81) Benzo(a)anthracene	13.96	228	48507	2.275	ng	94
88) Benzo(b)fluoranthene	15.01	252	57015m	3.245	ng	
90) Benzo(a)pyrene	15.37	252	39269	2.450	ng	# 79

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

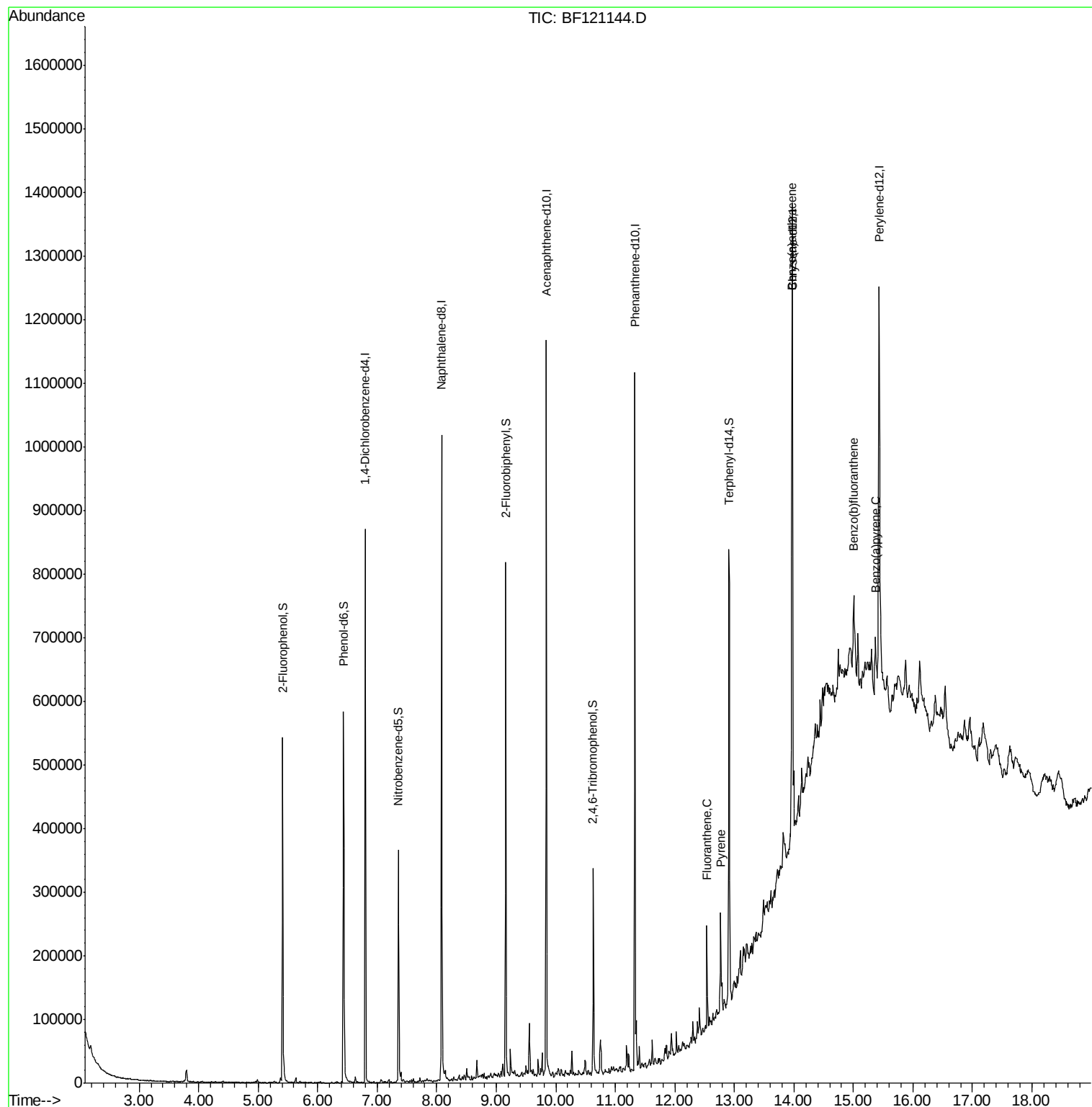
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121144.D
Acq On : 30 Jul 2020 23:24
Operator : JU/CG
Sample : L3451-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

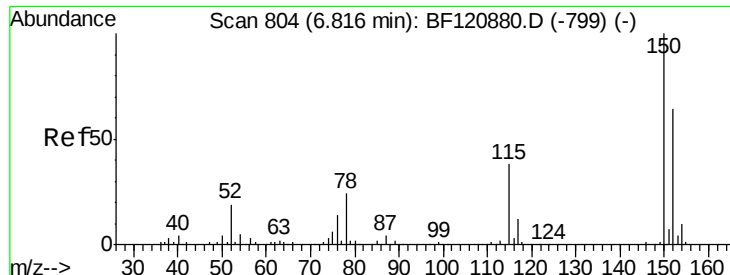
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

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#1

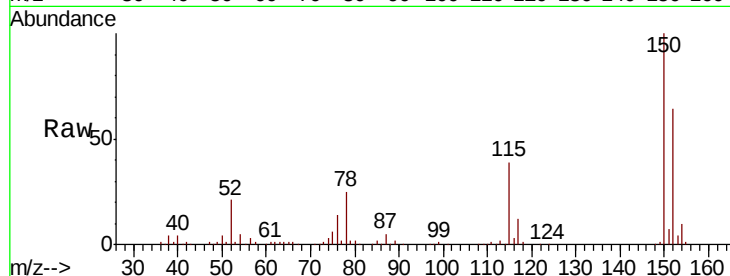
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	61.1	46.2	69.2

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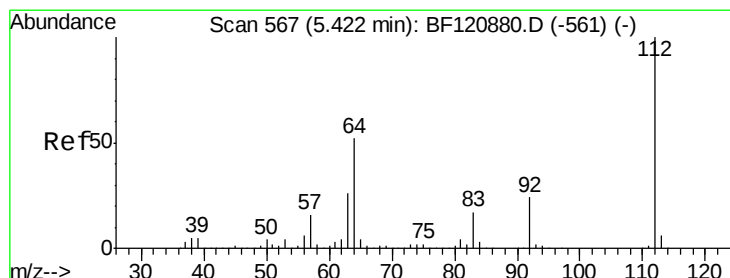
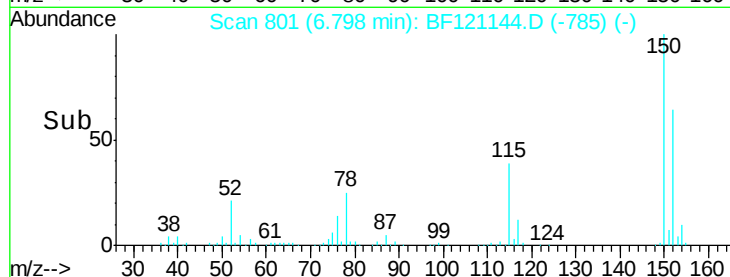
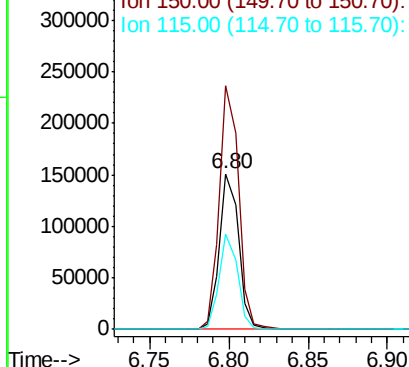


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

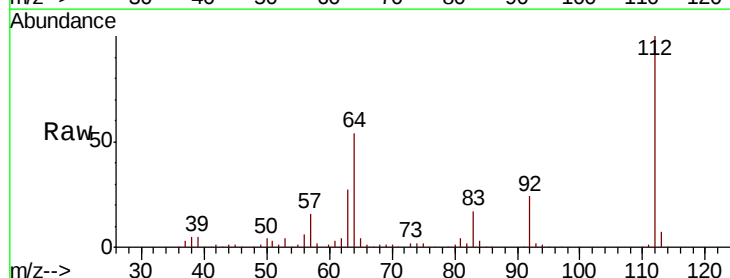
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.108 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.9	65.9
63	27.0	22.7	34.1

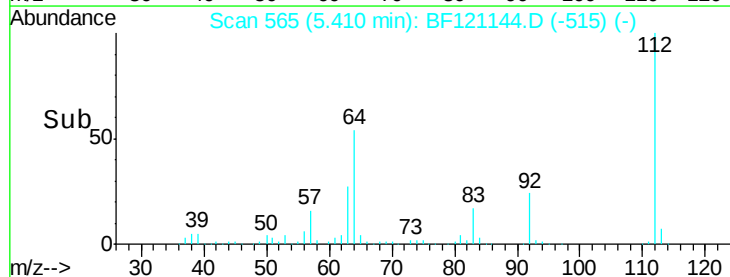
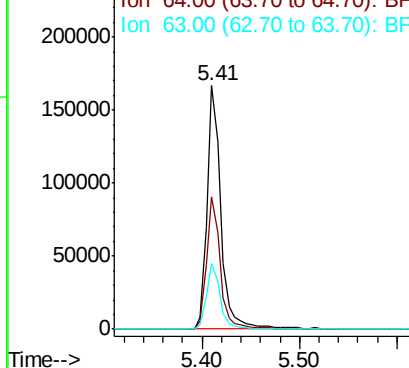


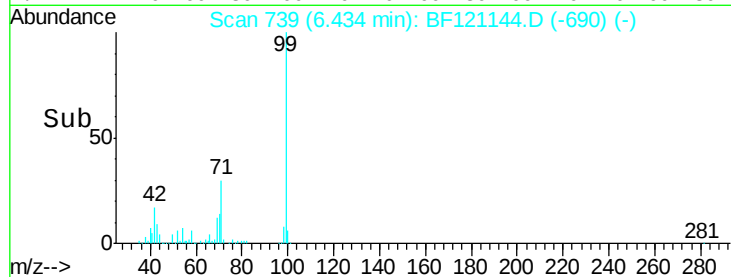
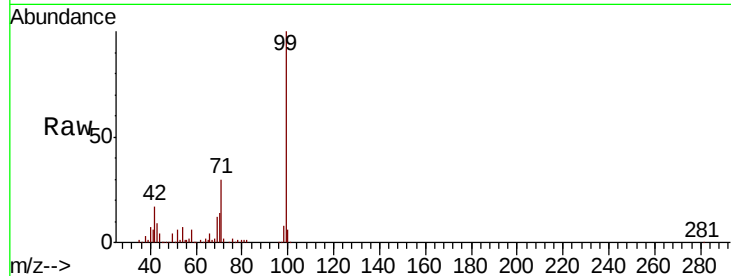
Abundance

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: 20.140 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121144.D

Acq: 30 Jul 2020 23:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		202943		
42	16.8	13.5	20.3		
71	30.1	25.0	37.4		

Instrument :

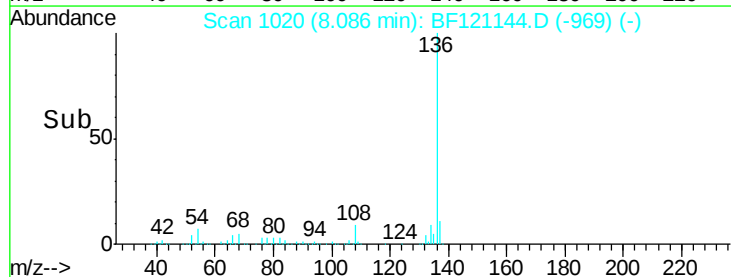
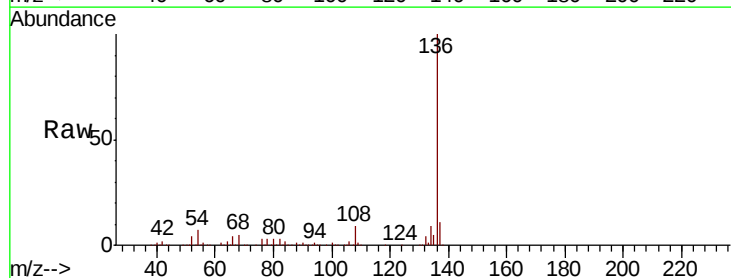
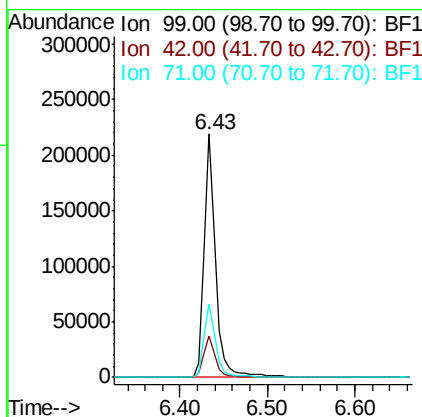
BNA_F

ClientSampleId :

FK-GF-03-015-A

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#21

Naphthalene-d8

Concen: 20.000 ng

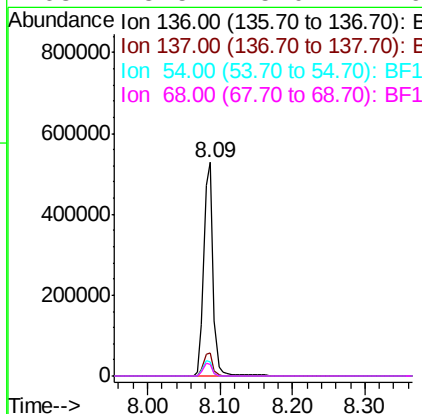
RT: 8.09 min Scan# 1020

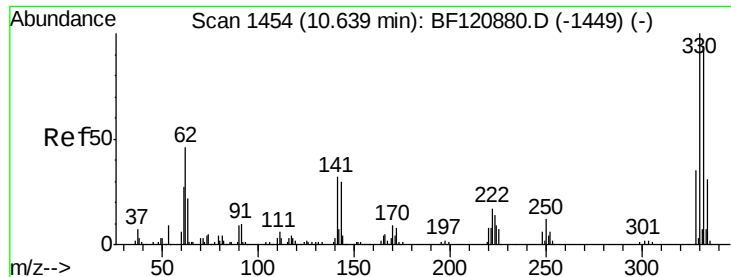
Delta R.T. -0.00 min

Lab File: BF121144.D

Acq: 30 Jul 2020 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		476955		
137	10.9	9.0	13.4		
54	6.6	6.1	9.1		
68	5.5	5.0	7.6		





#42

2,4,6-Tribromophenol

Concen: 16.702 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121144.D

Acq: 30 Jul 2020 23:24

Instrument :

BNA_F

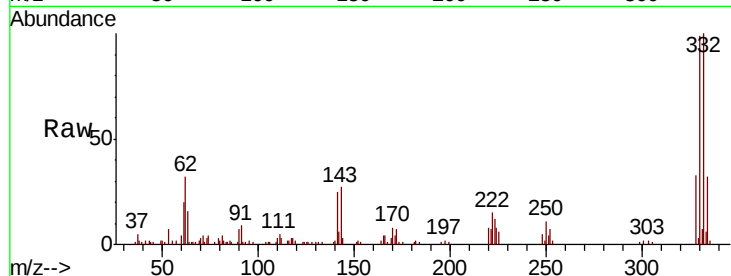
ClientSampleId :

FK-GF-03-015-A

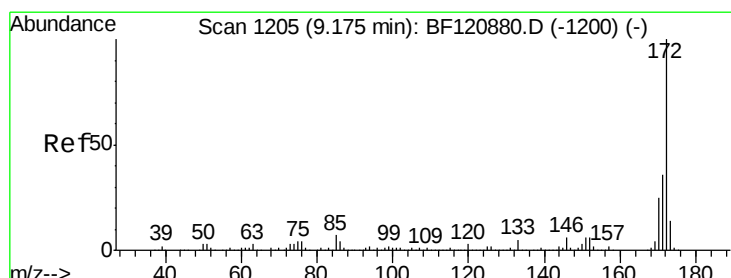
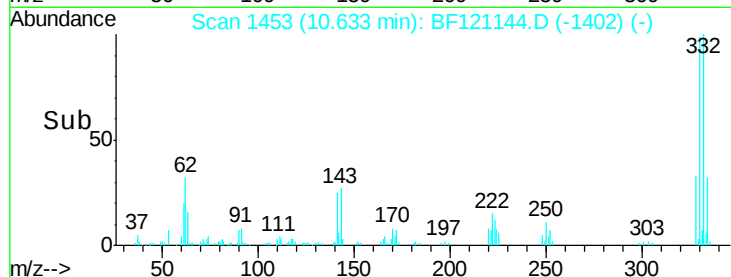
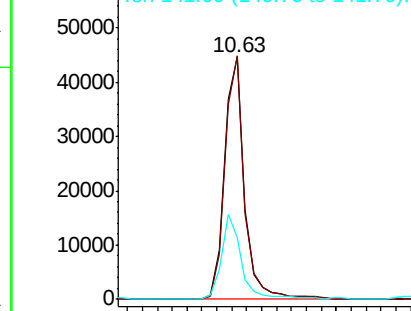
Tot Ion:	330	Resp:	42073
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.1	114.1
141	35.1	24.1	36.1

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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: 15.541 ng

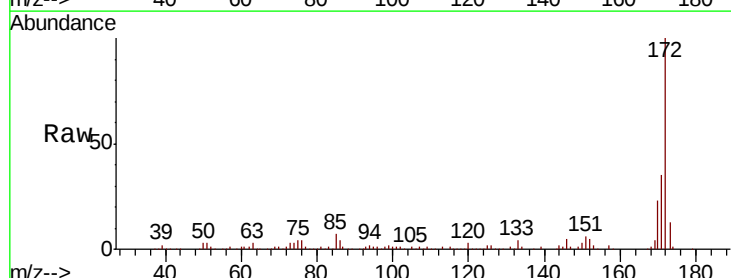
RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

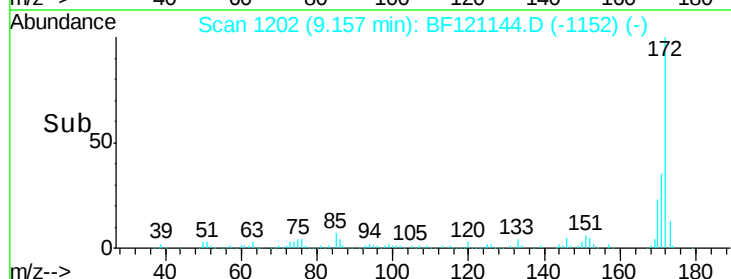
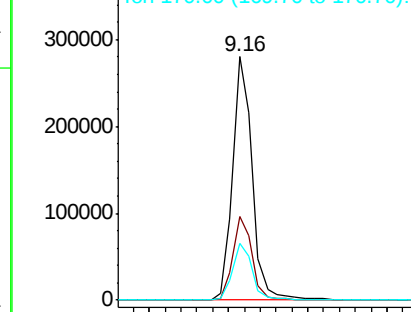
Lab File: BF121144.D

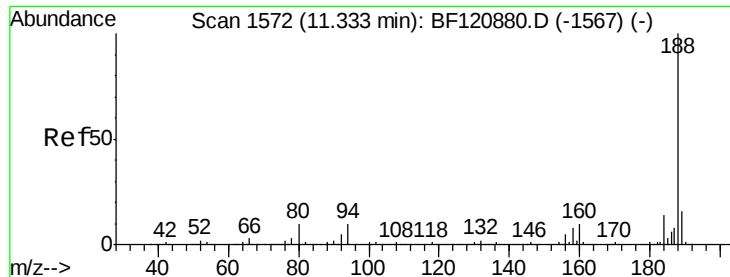
Acq: 30 Jul 2020 23:24

Tgt Ion:	172	Resp:	239536
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.0	43.4
170	23.5	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





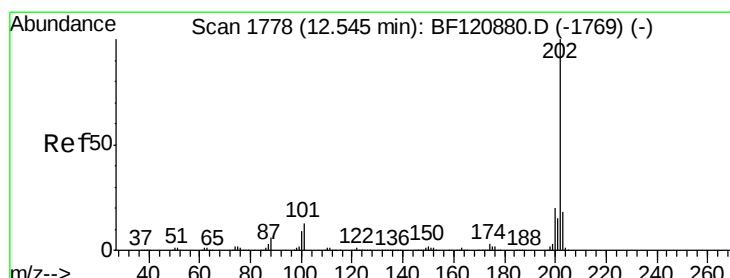
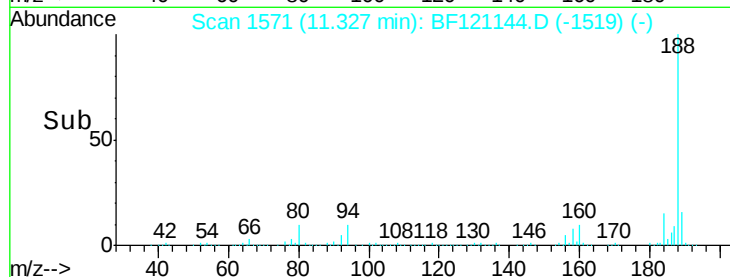
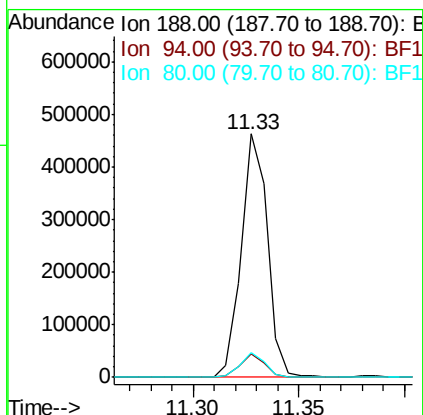
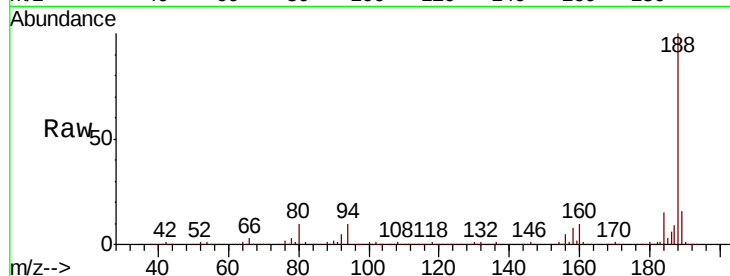
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396615		
94	9.5		8.0	12.0
80	10.0		8.3	12.5

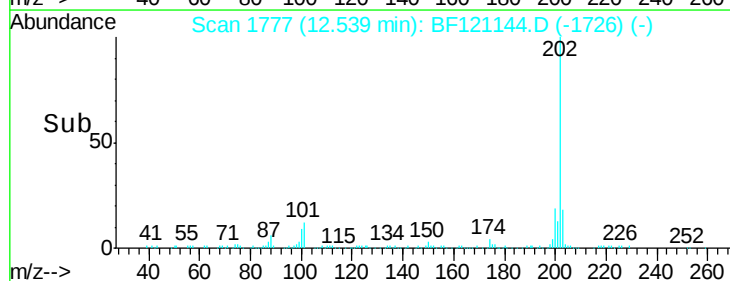
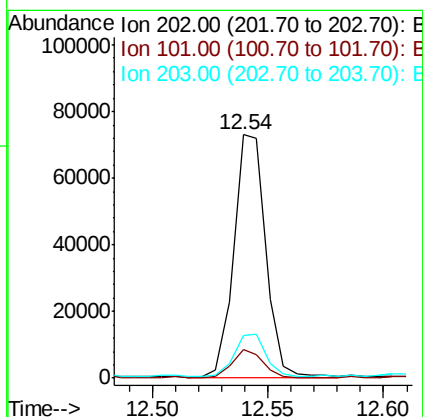
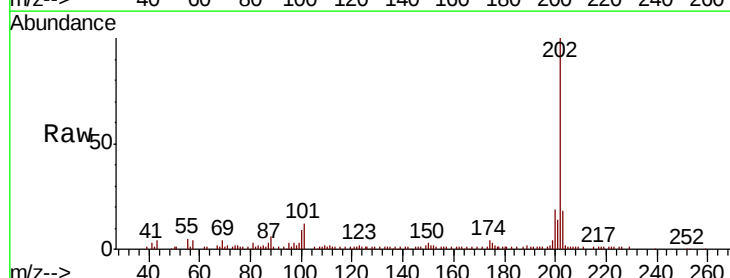
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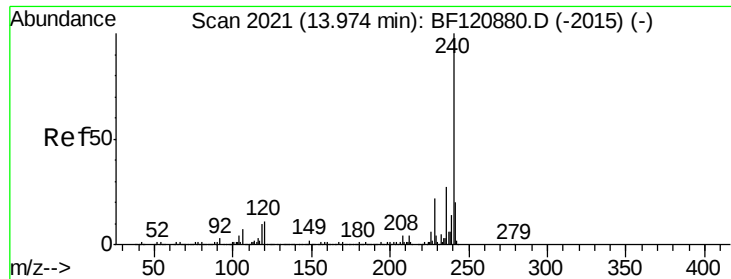
Sohil
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#75
Fluoranthene
Concen: 3.086 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69777		
101	11.9		0.0	30.5
203	17.6		0.0	37.7





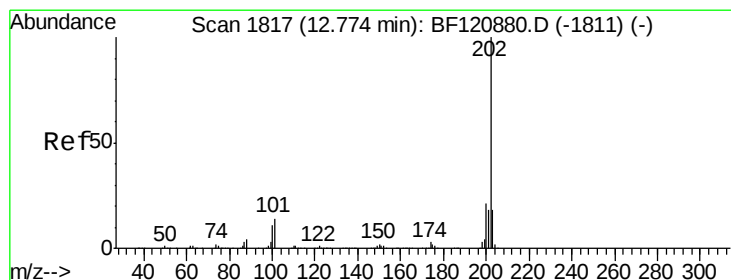
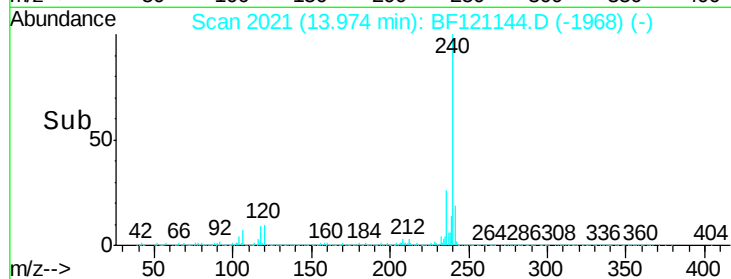
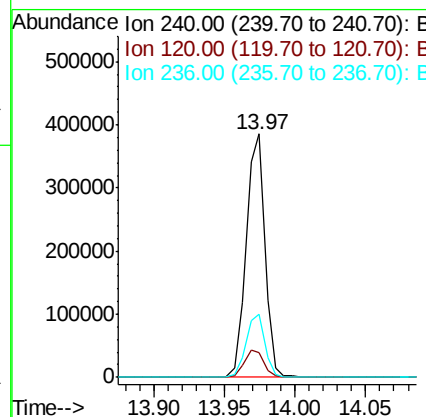
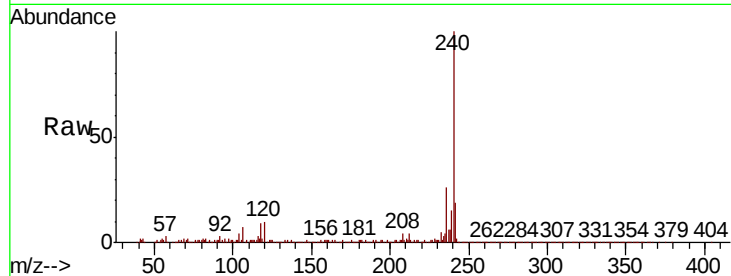
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.3	13.9
236	25.7	21.1	31.7

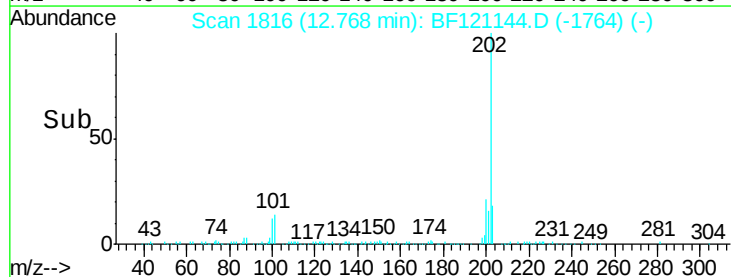
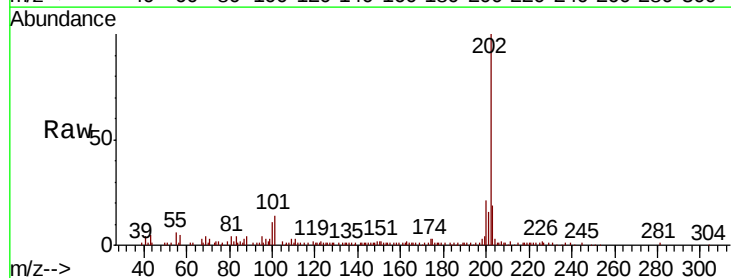
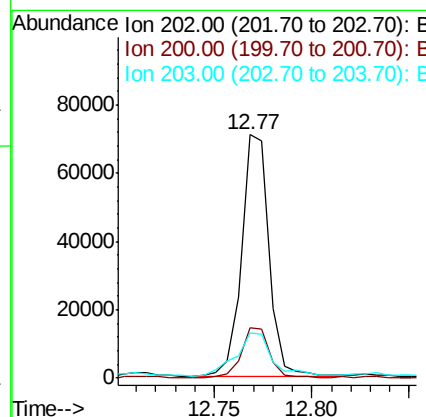
Manual Integrations
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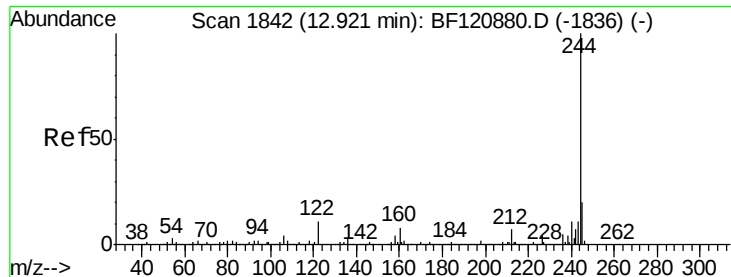
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#78
Pyrene
Concen: 2.777 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	18.8	14.6	21.8





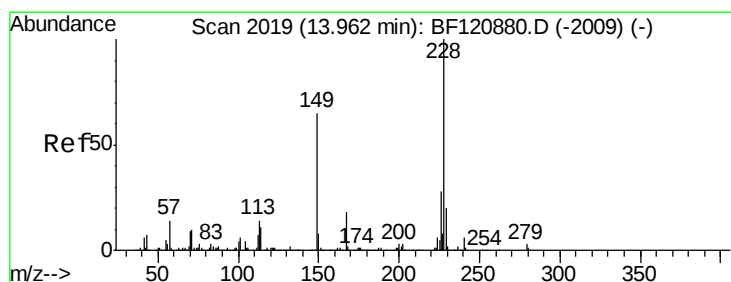
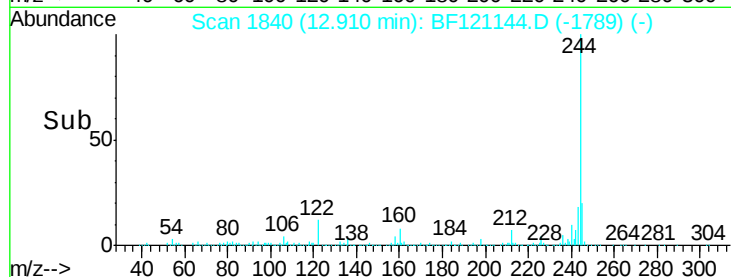
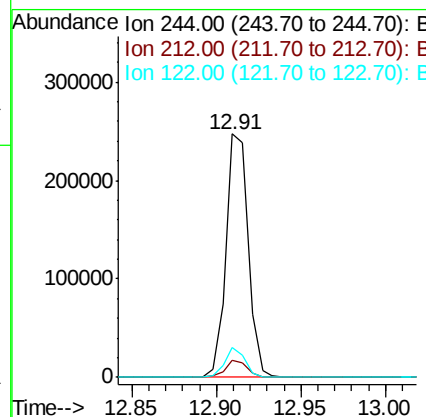
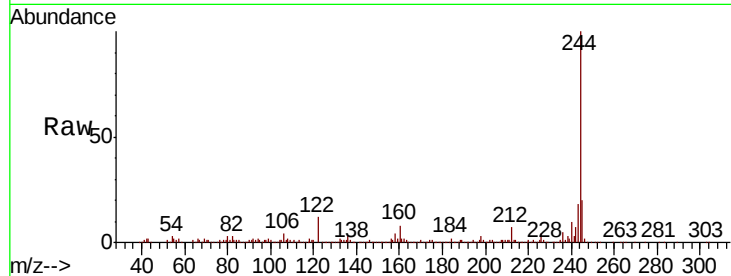
#79
 Terphenyl-d14
 Concen: 14.057 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121144.D
 Acq: 30 Jul 2020 23:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.1	8.3	12.5

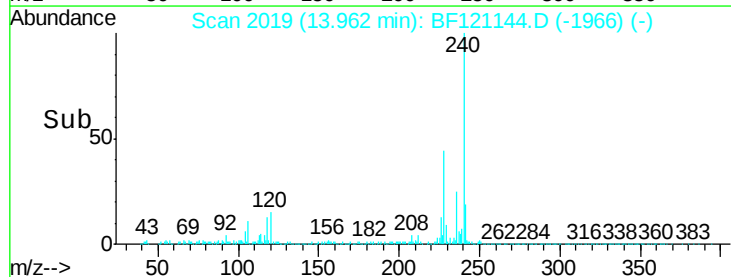
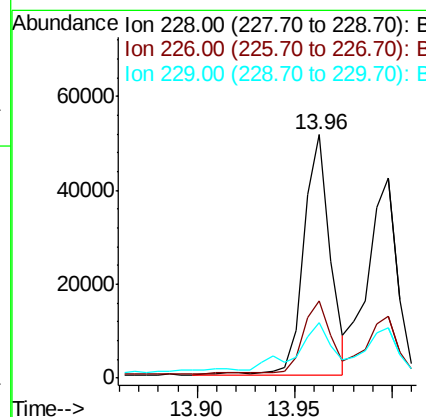
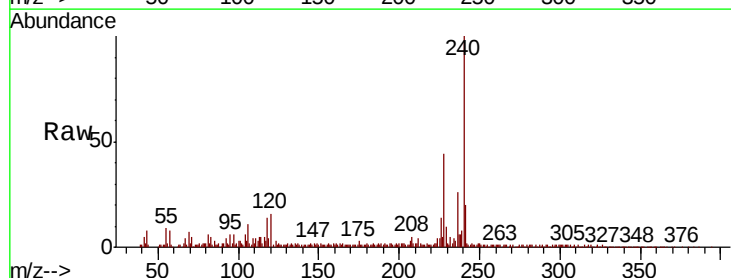
Manual Integrations
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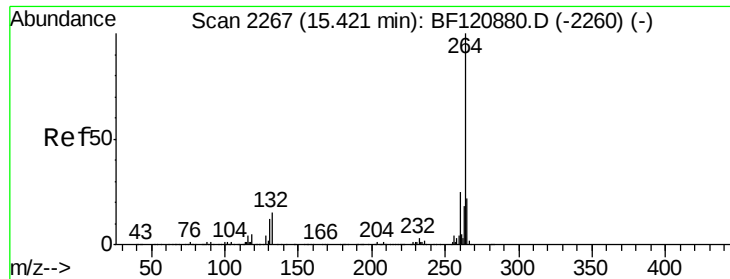
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#81
 Benzo(a)anthracene
 Concen: 2.275 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121144.D
 Acq: 30 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	34.0
229	22.8	16.1	24.1





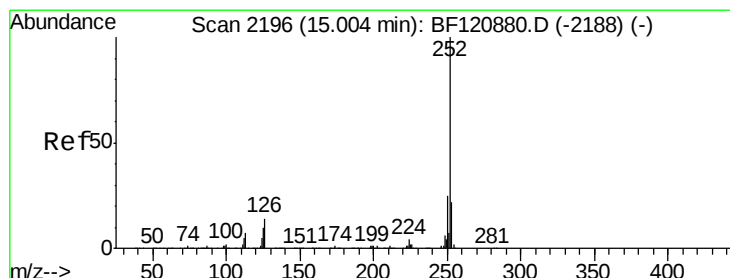
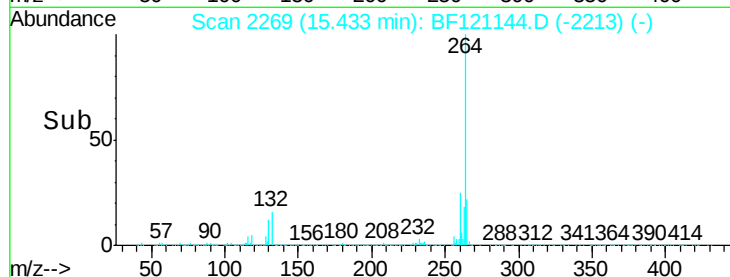
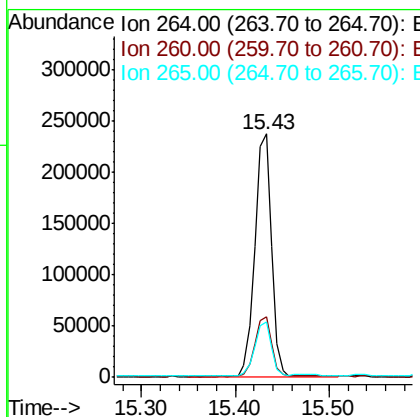
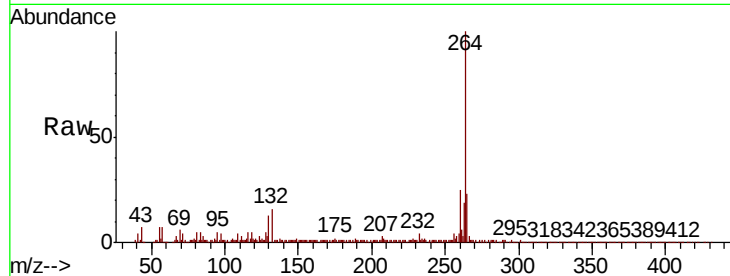
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.03 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.5	17.8	26.8

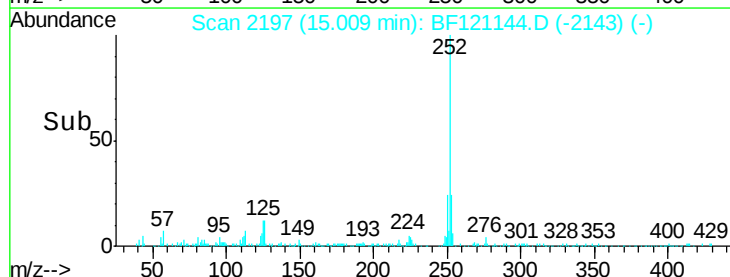
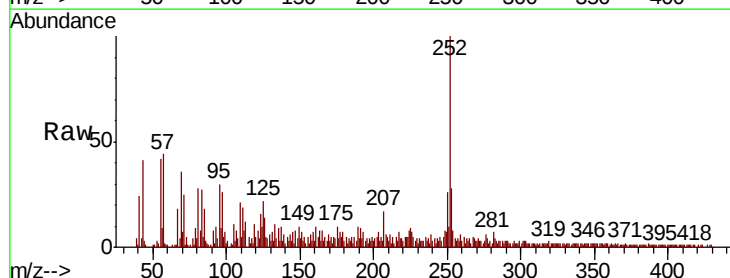
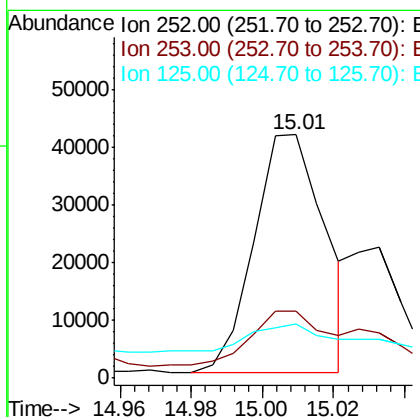
Manual Integrations
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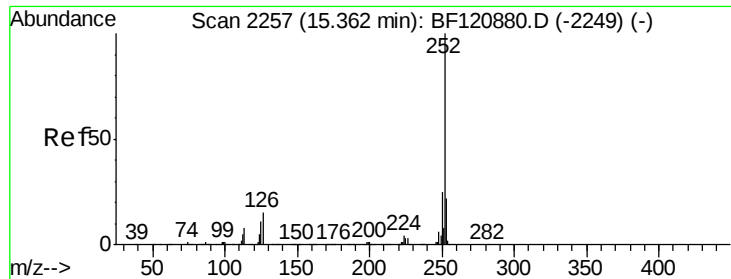
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#88
Benzo(b)fluoranthene
Concen: 3.245 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.9	26.9#
125	22.3	8.1	12.1#





#90
 Benzo(a)pyrene
 Concen: 2.450 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.02 min
 Lab File: BF121144.D
 Acq: 30 Jul 2020 23:24

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-015-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.0	27.0#
125	23.9	9.5	14.3#

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:12:04 PM

