

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121136.D
 Acq On : 30 Jul 2020 19:16
 Operator : JU/CG
 Sample : L3449-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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 7/31/2020 12:11:56 PM

Quant Time: Jul 31 01:41:28 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	151741	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	584620	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	300530	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	556409	20.00	ng	0.00
76) Chrysene-d12	13.96	240	370578	20.00	ng	0.00
86) Perylene-d12	15.42	264	404452	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	361846	39.09	ng	-0.01
7) Phenol-d6	6.43	99	459764	38.45	ng	-0.02
23) Nitrobenzene-d5	7.36	82	275486	27.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	102115	31.04	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	561422	27.89	ng	0.00
79) Terphenyl-d14	12.91	244	542072	31.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	65768	3.033	ng	99
75) Fluoranthene	12.53	202	139306	4.392	ng	98
78) Pyrene	12.76	202	129595	4.946	ng	99
81) Benzo(a)anthracene	13.95	228	81843	3.647	ng	97
83) Chrysene	13.99	228	67968	2.882	ng	96
88) Benzo(b)fluoranthene	14.99	252	107035m	4.378	ng	
90) Benzo(a)pyrene	15.35	252	80520	3.610	ng	# 94
92) Benzo(g,h,i)perylene	17.28	276	46647	2.059	ng	94

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

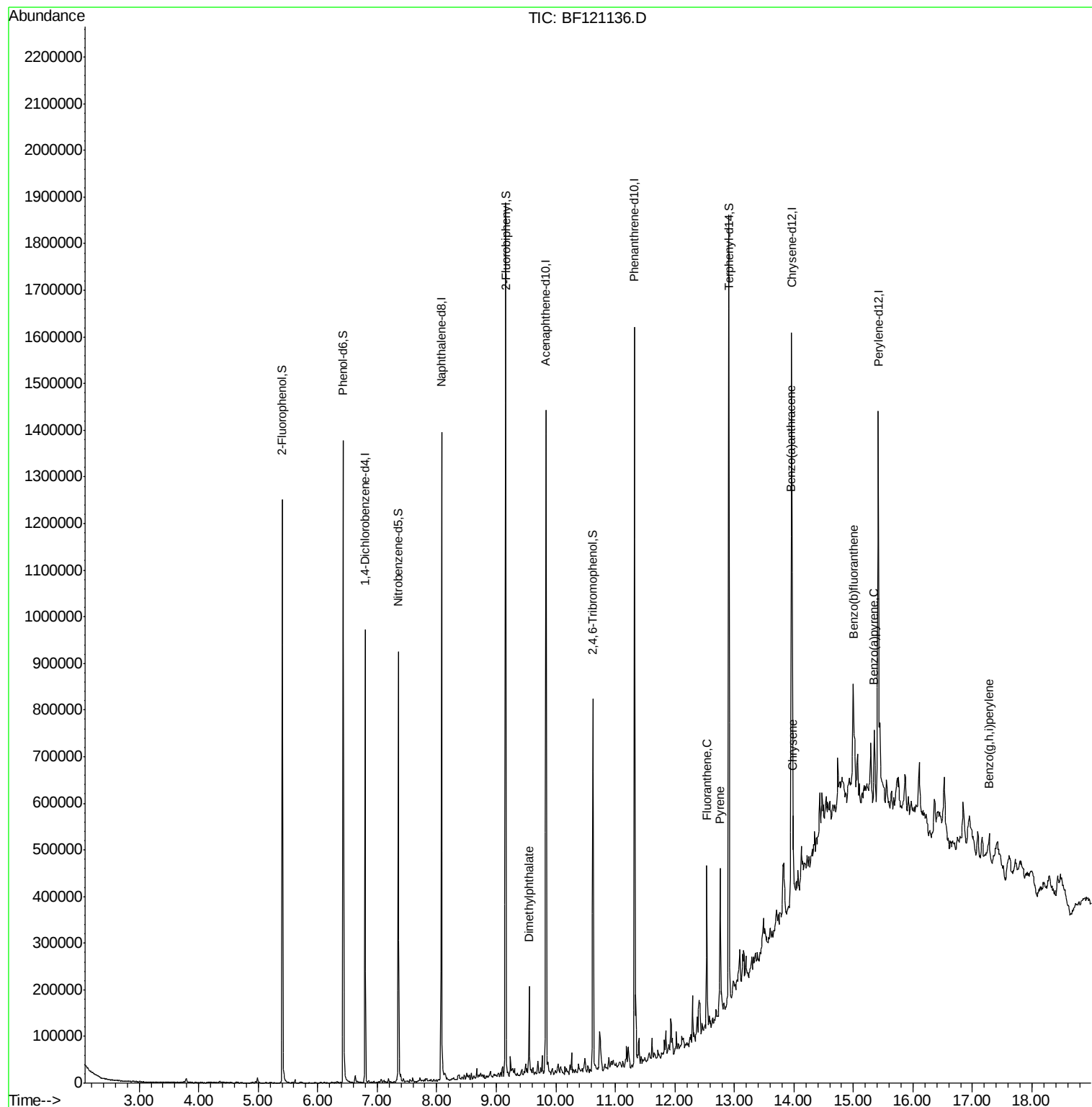
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121136.D
Acq On : 30 Jul 2020 19:16
Operator : JU/CG
Sample : L3449-03 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

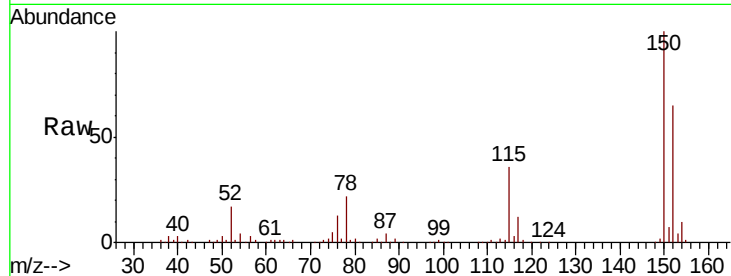
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	54.8	46.2	69.2

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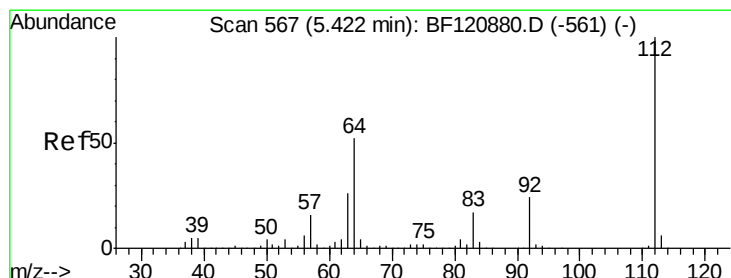
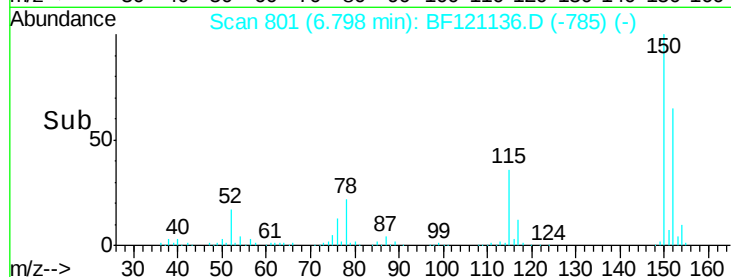
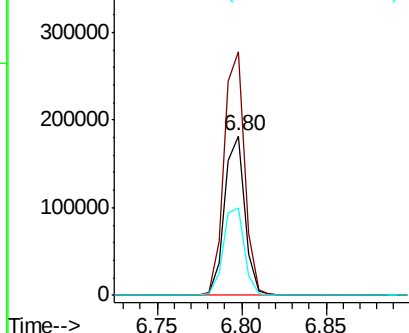


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

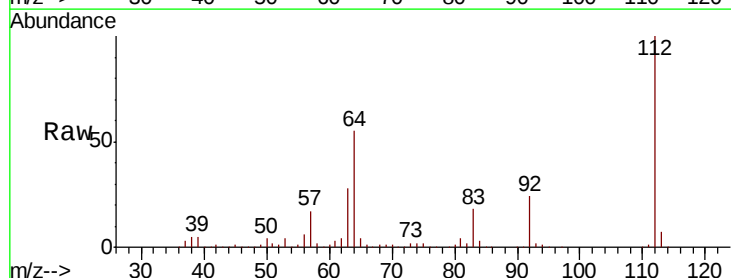
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.093 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.9	65.9
63	27.9	22.7	34.1

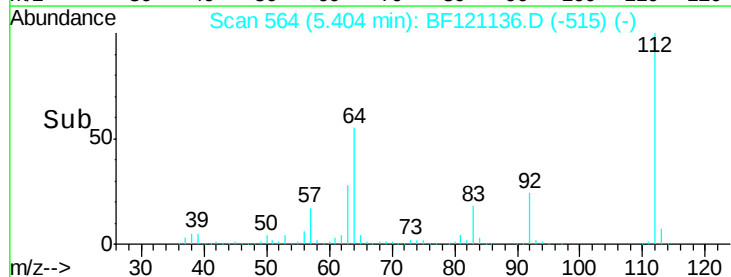
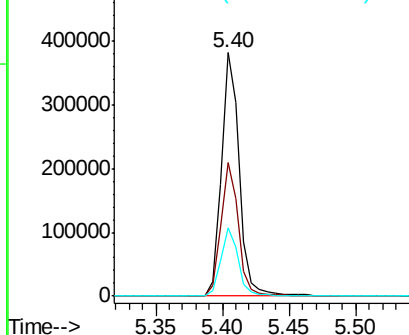


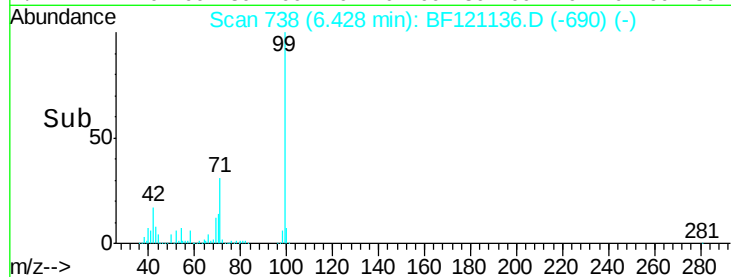
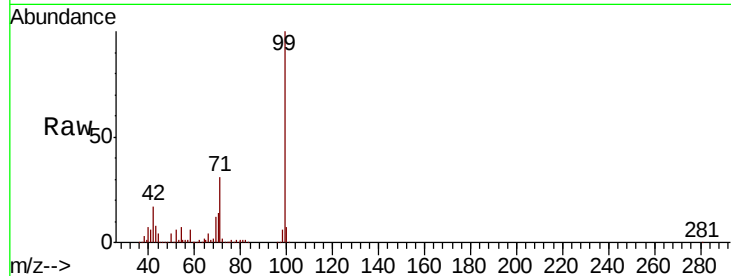
Abundance

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: 38.453 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121136.D

Acq: 30 Jul 2020 19:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		459764		
42	17.0	13.5	20.3		
71	30.6	25.0	37.4		

Instrument :

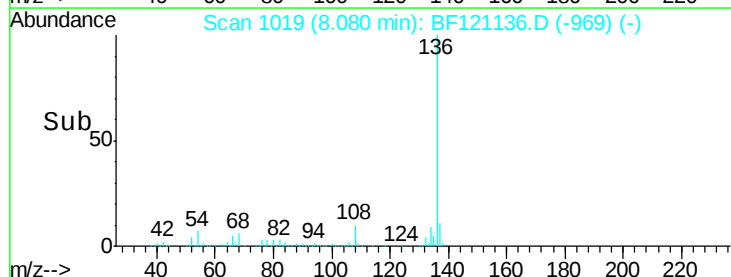
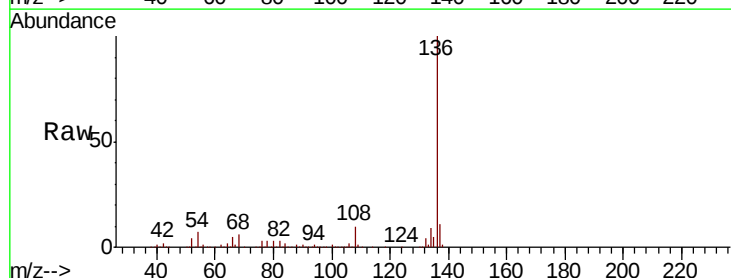
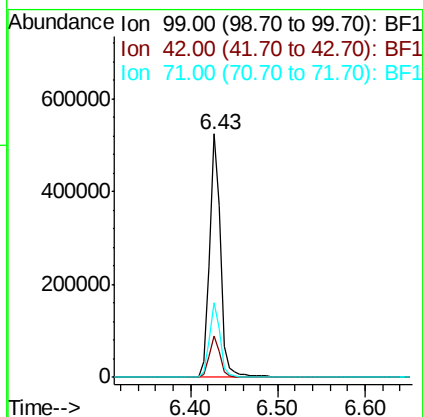
BNA_F

ClientSampled :

FK-GF-02-059-B

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#21

Naphthalene-d8

Concen: 20.000 ng

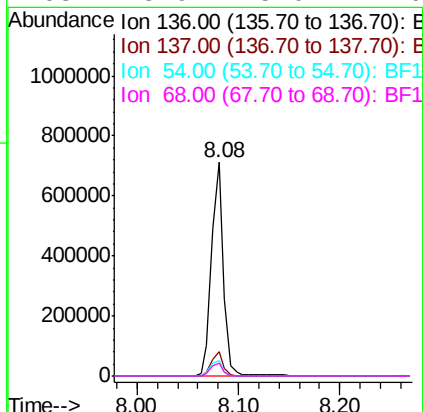
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121136.D

Acq: 30 Jul 2020 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		584620		
137	11.2	9.0	13.4		
54	6.9	6.1	9.1		
68	5.9	5.0	7.6		





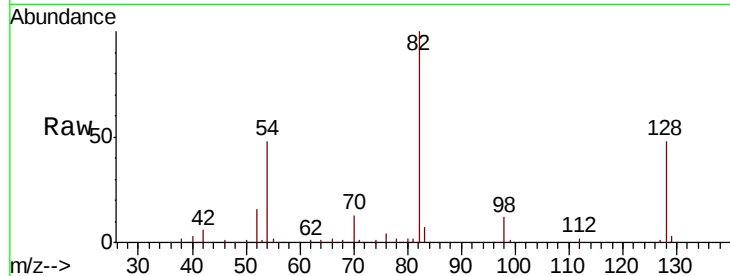
#23
Nitrobenzene-d5
Concen: 27.266 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

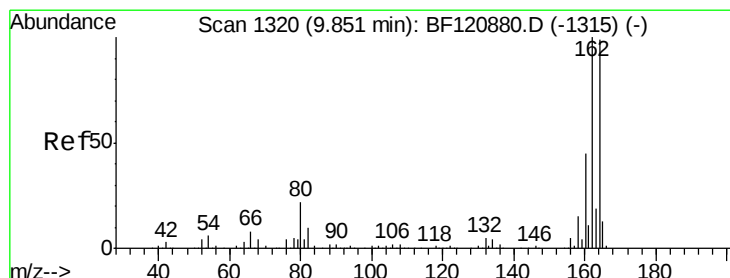
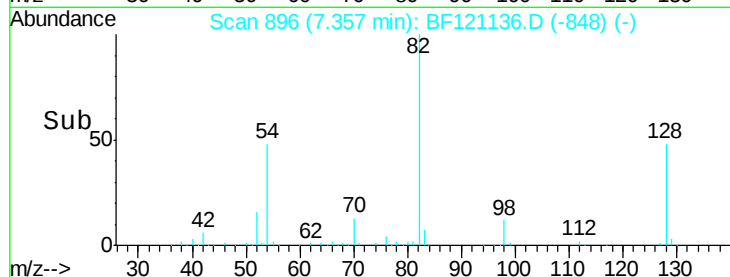
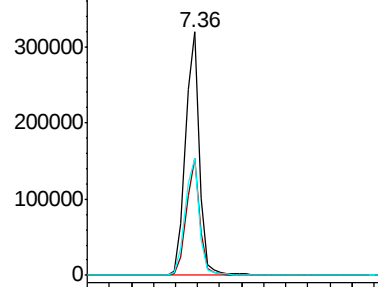
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.2	58.8
54	48.0	37.8	56.8

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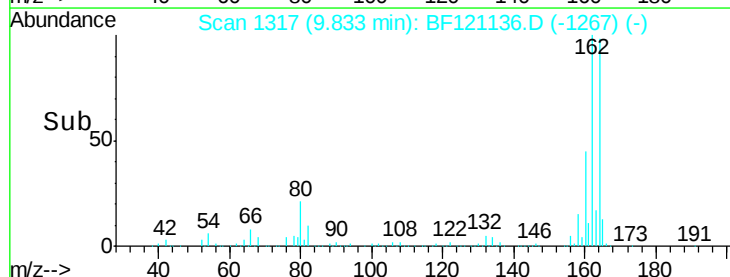
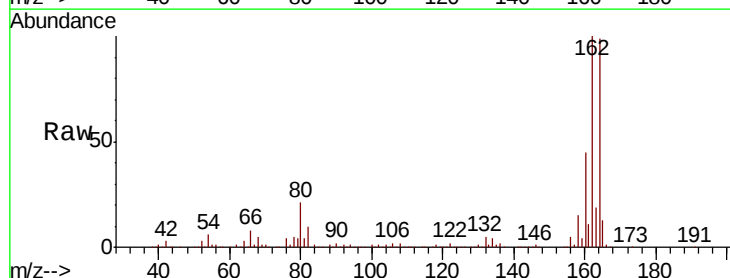
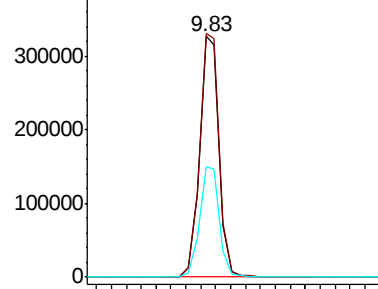
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

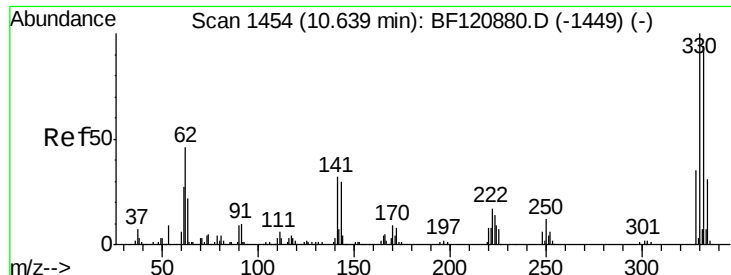


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	46.0	37.2	55.8

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





#42

2,4,6-Tribromophenol

Concen: 31.042 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121136.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_F

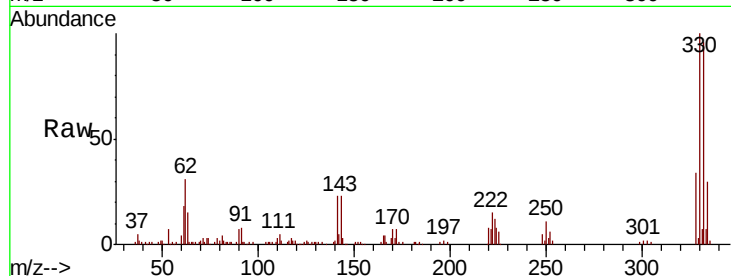
ClientSampleId :

FK-GF-02-059-B

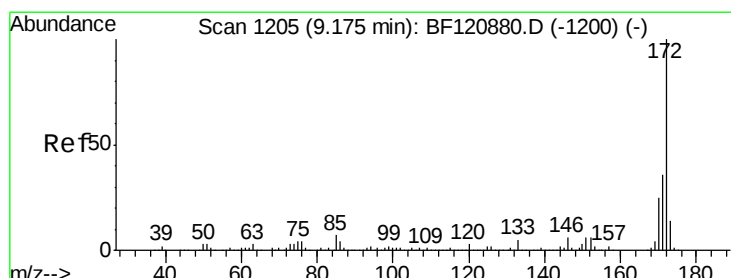
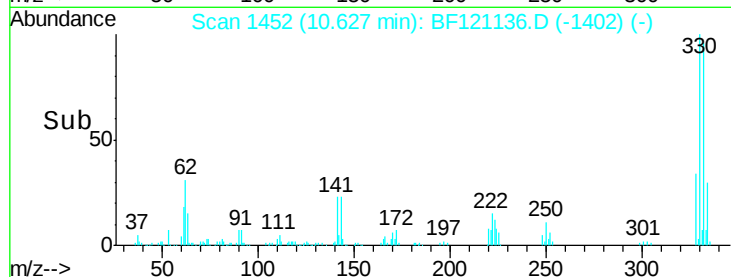
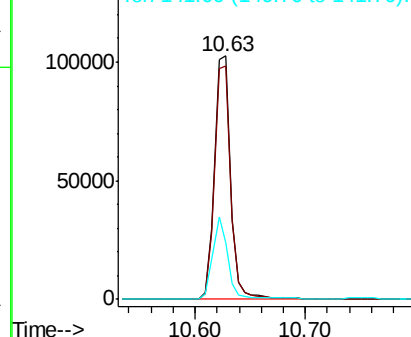
Tot Ion:	330	Resp:	102115
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.1	114.1
141	32.1	24.1	36.1

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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: 27.892 ng

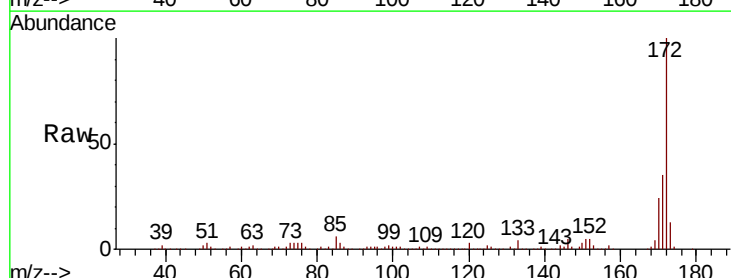
RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

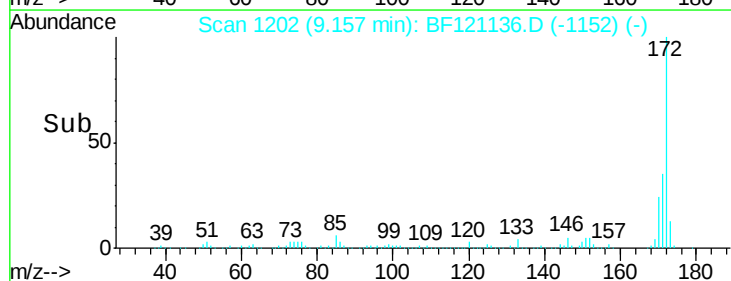
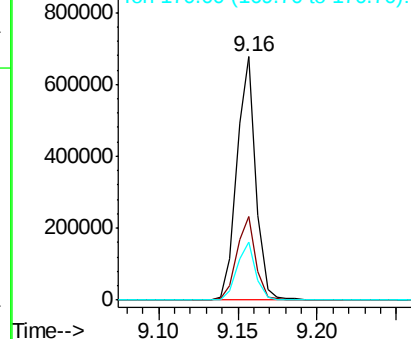
Lab File: BF121136.D

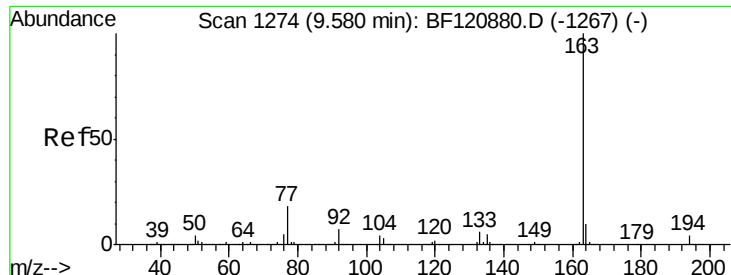
Acq: 30 Jul 2020 19:16

Tgt Ion:	172	Resp:	561422
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.0	43.4
170	23.6	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





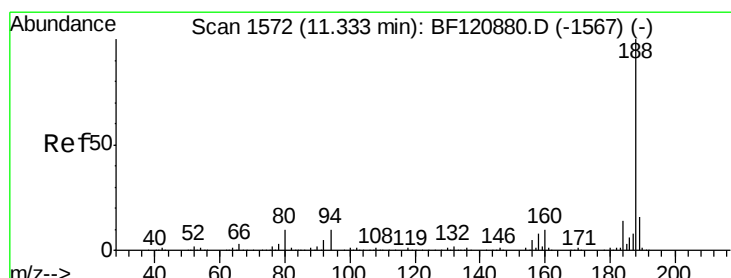
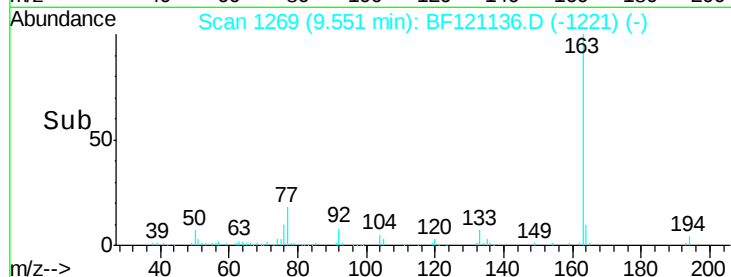
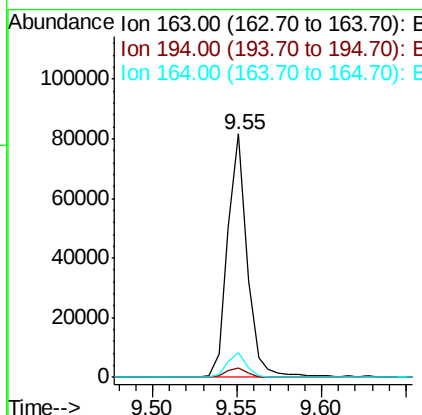
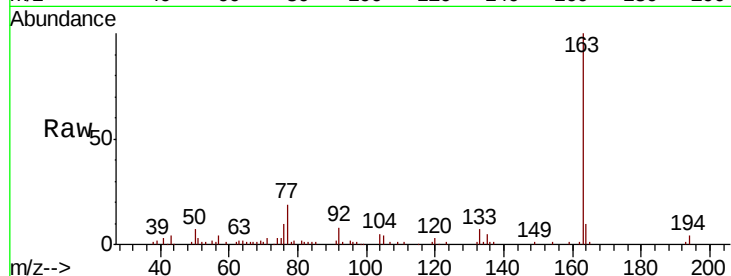
#50
Dimethylphthalate
Concen: 3.033 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Instrument :
BNA_F
ClientSampleID :
FK-GF-02-059-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.0	8.4	12.6

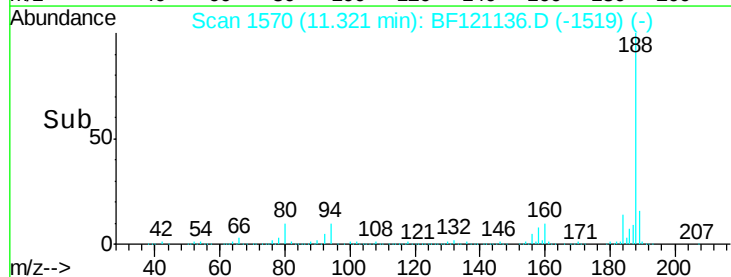
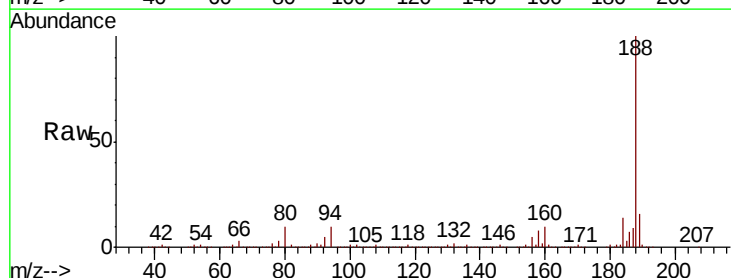
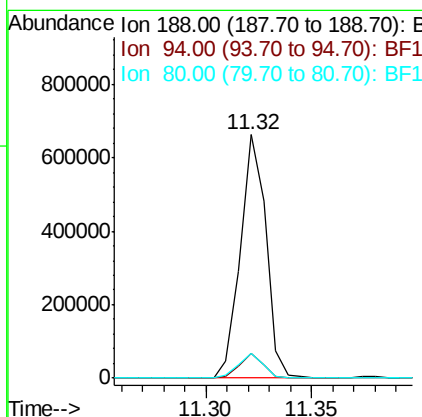
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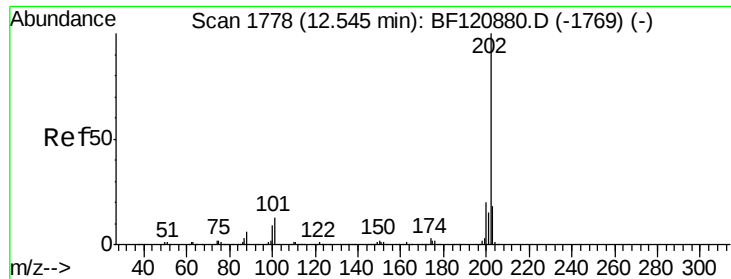
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.2	8.3	12.5





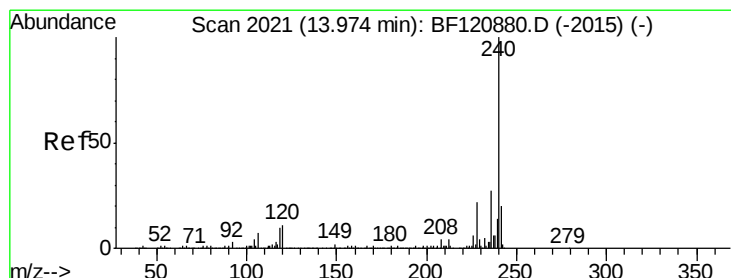
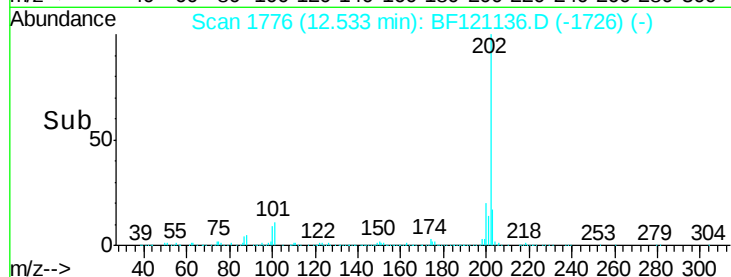
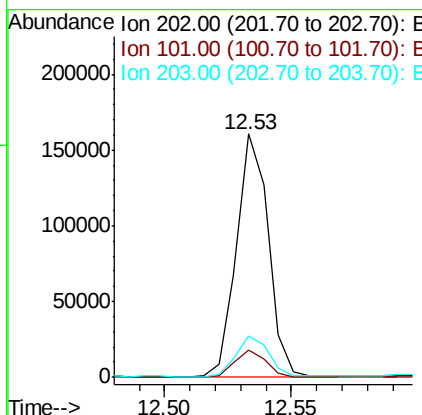
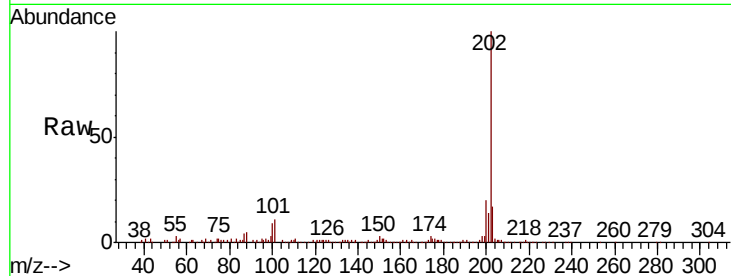
#75
Fluoranthene
Concen: 4.392 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	30.5
203	16.9	0.0	37.7

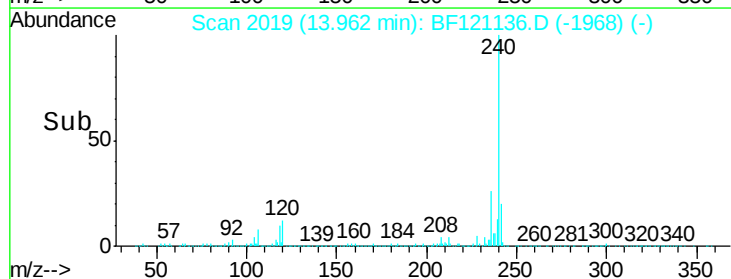
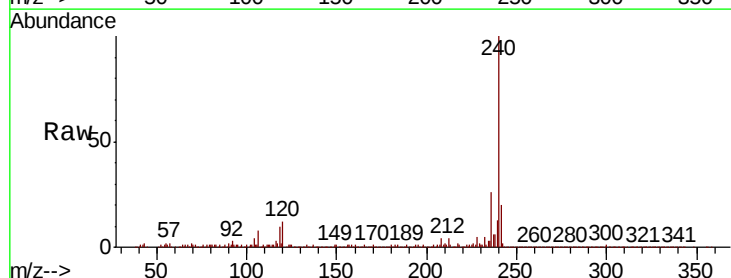
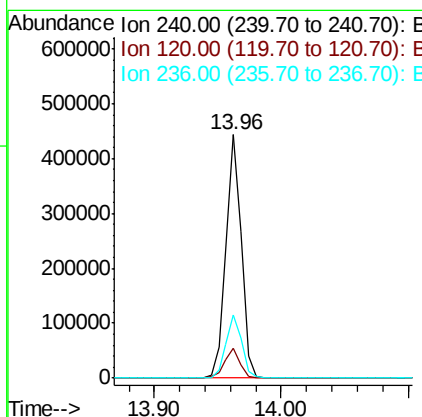
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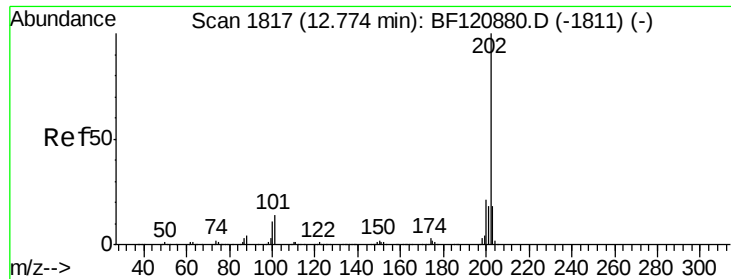
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.1	21.1	31.7





#78

Pvrene

Concen: 4.946 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF121136.D

Acq: 30 Jul 2020 19:16

Instrument :

BNA_F

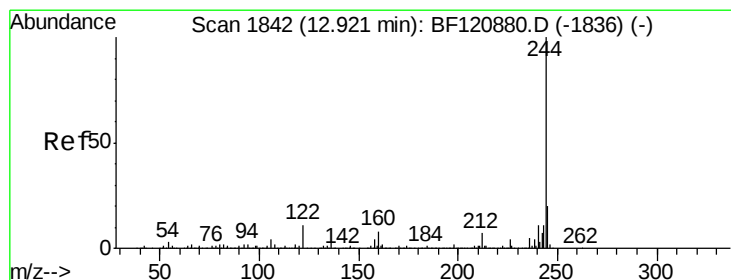
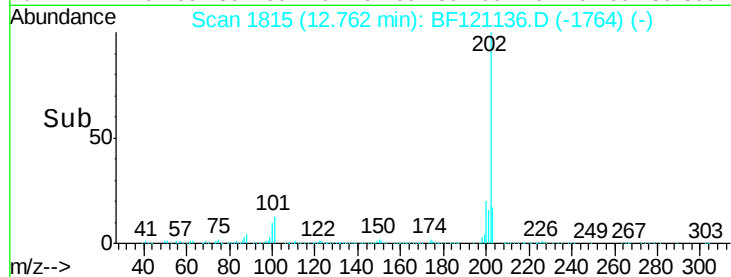
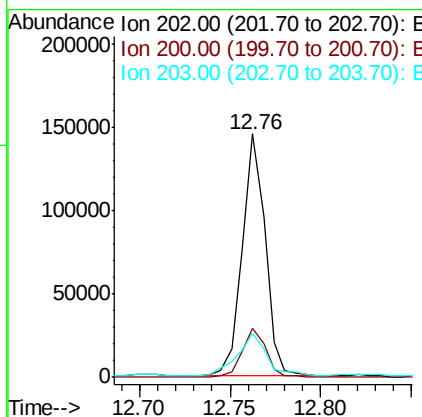
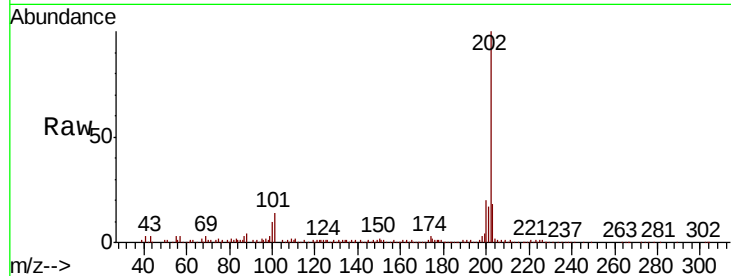
ClientSampleId :

FK-GF-02-059-B

Tot Ion:	202	Resp:	129595
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.0	25.6
203	18.1	14.6	21.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 31.798 ng

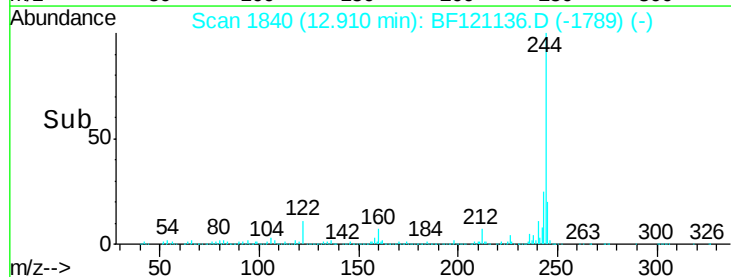
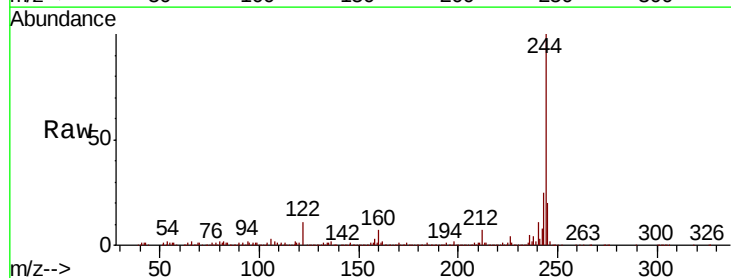
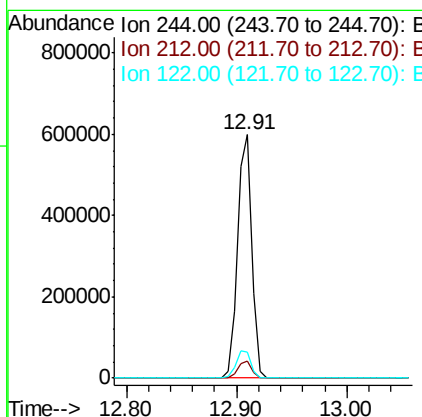
RT: 12.91 min Scan# 1840

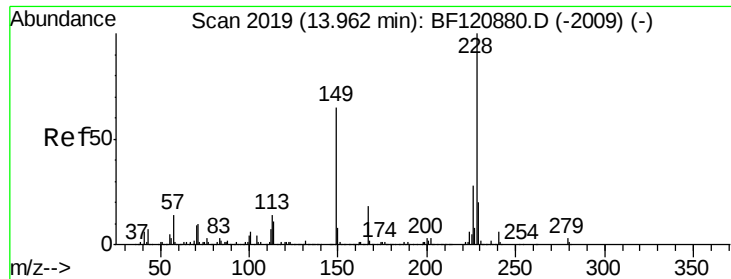
Delta R.T. -0.00 min

Lab File: BF121136.D

Acq: 30 Jul 2020 19:16

Tgt Ion:	244	Resp:	542072
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.6	8.3	12.5





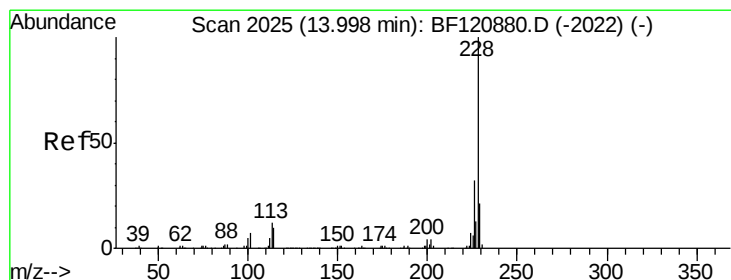
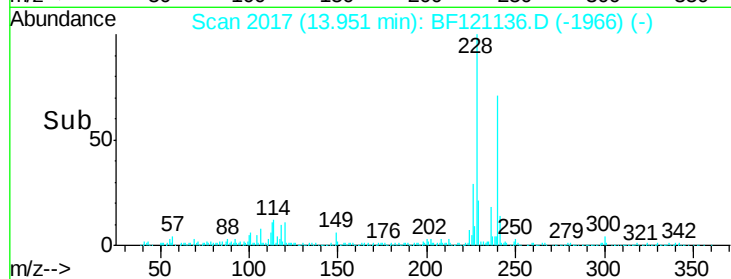
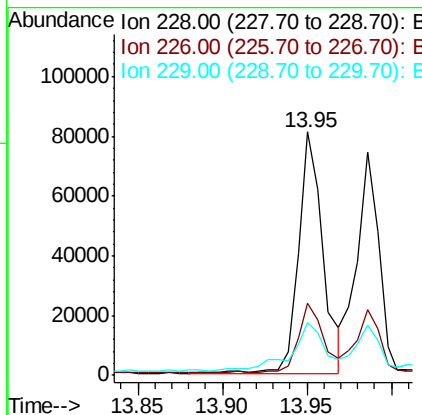
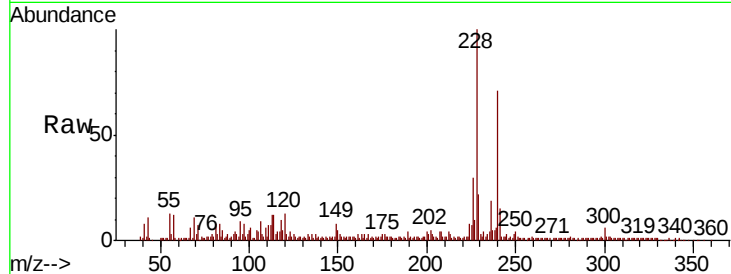
#81
Benzo(a)anthracene
Concen: 3.647 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	34.0
229	21.8	16.1	24.1

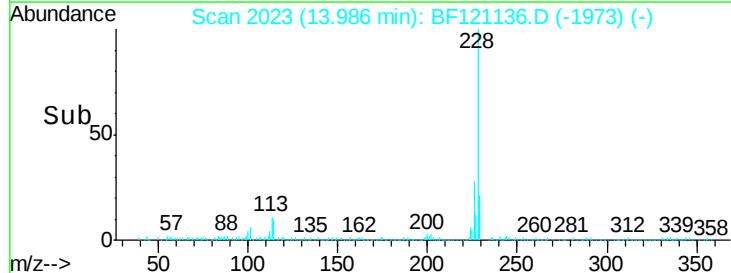
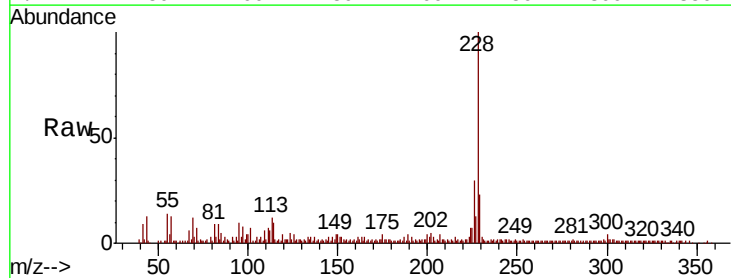
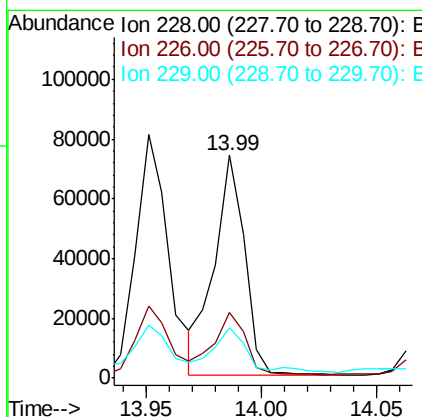
Manual Integrations
APPROVED

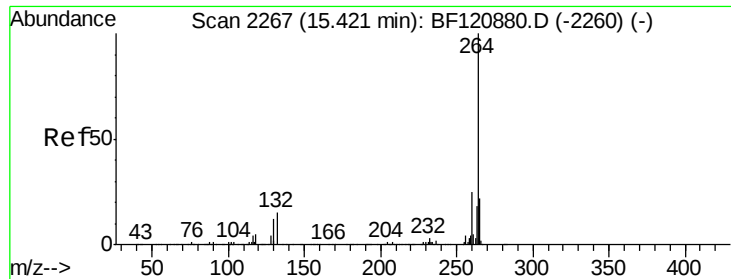
Sohil
7/31/2020 12:11:56 PM



#83
Chrysene
Concen: 2.882 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	22.7	16.2	24.4





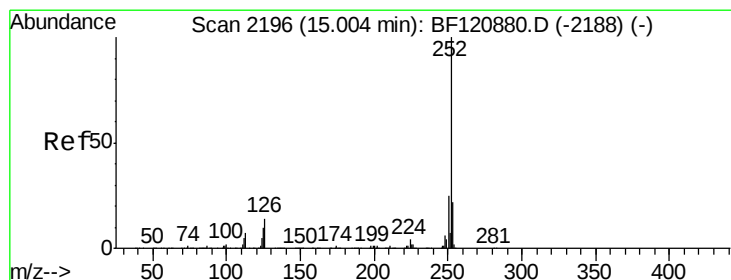
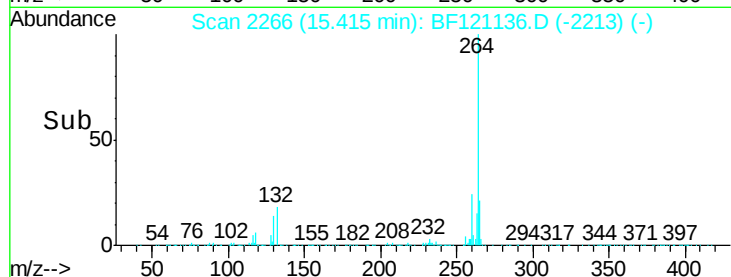
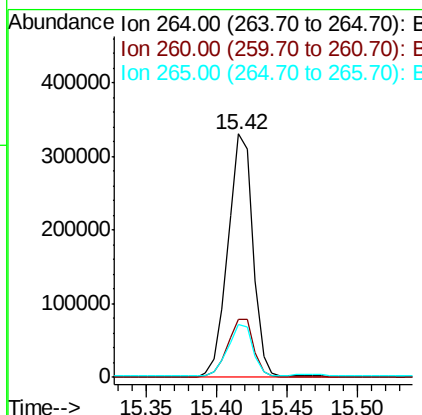
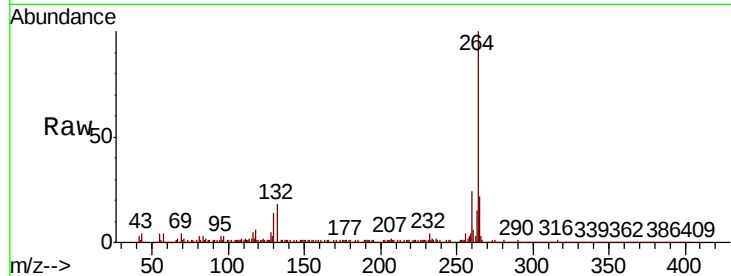
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.5	17.8	26.8

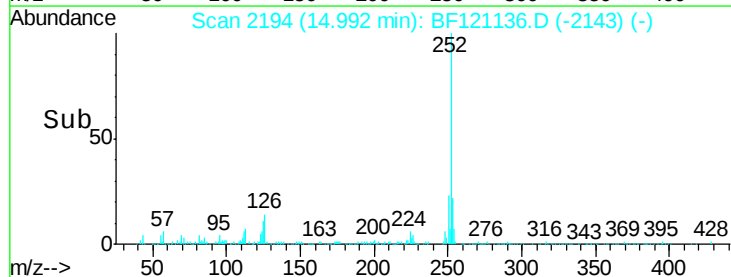
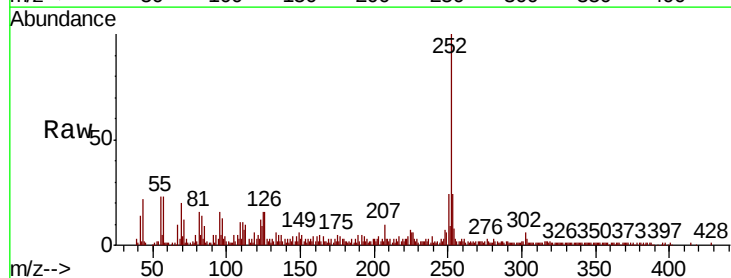
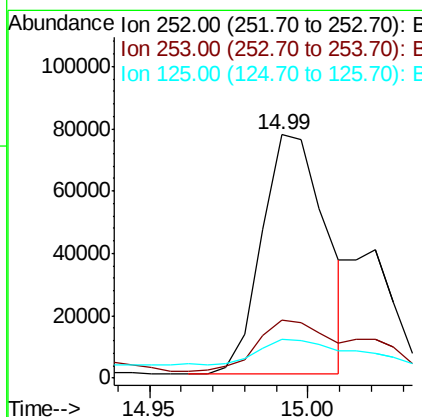
Manual Integrations
APPROVED

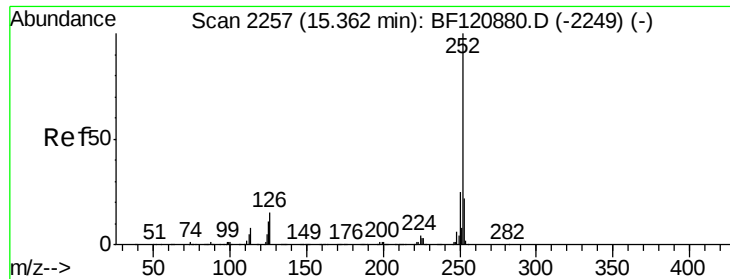
Sohil
7/31/2020 12:11:56 PM



#88
Benzo(b)fluoranthene
Concen: 4.378 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	16.0	8.1	12.1





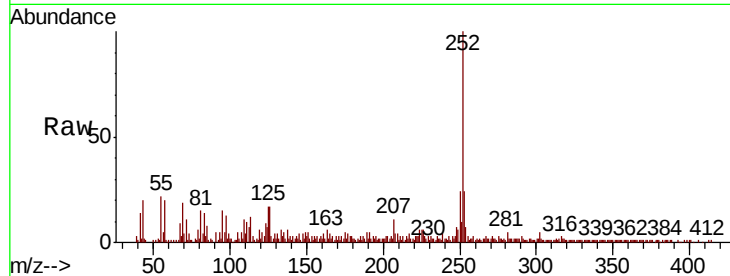
#90
Benzo(a)pyrene
Concen: 3.610 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	16.9	9.5	14.3

Manual Integrations
APPROVED

Sohil
7/31/2020 12:11:56 PM

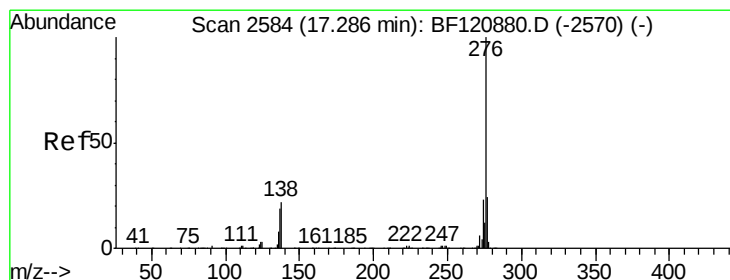
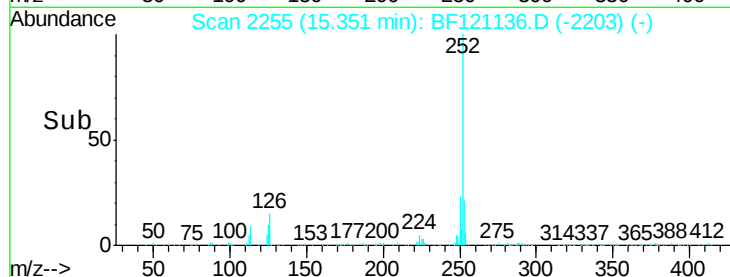
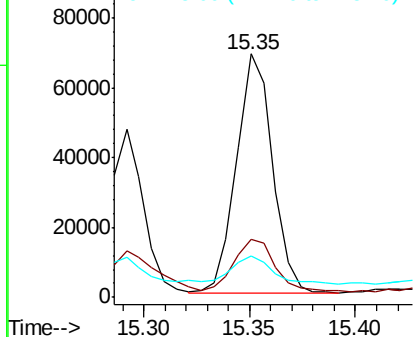


Abundance

Ion 252.00 (251.70 to 252.70): E

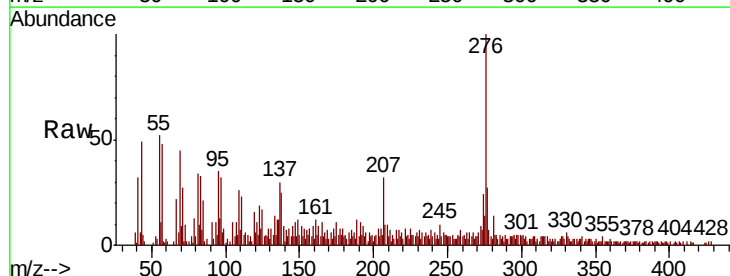
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.059 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121136.D
Acq: 30 Jul 2020 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.0
138	25.2	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

