

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125877.D
 Acq On : 18 Oct 2021 15:09
 Operator : JU/CG
 Sample : M4252-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-BB-(1)

Manual Integrations
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Quant Time: Oct 19 09:07:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	158115	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	637236	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	320306	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	477392	20.00	ng	0.00
76) Chrysene-d12	13.968	240	339285	20.00	ng	0.00
86) Perylene-d12	15.421	264	332219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	770200	79.58	ng	0.00
7) Phenol-d6	6.445	99	931198	74.74	ng	-0.01
23) Nitrobenzene-d5	7.381	82	536466	52.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	222140	70.24	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1059753	57.07	ng	0.00
79) Terphenyl-d14	12.921	244	776331	34.85	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	93636	4.06	ng	97
78) Pyrene	12.774	202	87786	2.55	ng	99
81) Benzo(a)anthracene	13.962	228	55099m	2.50	ng	
83) Chrysene	13.998	228	57556	2.65	ng	96
88) Benzo(b)fluoranthene	14.998	252	81307m	4.33	ng	
90) Benzo(a)pyrene	15.356	252	52510	3.16	ng	99

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

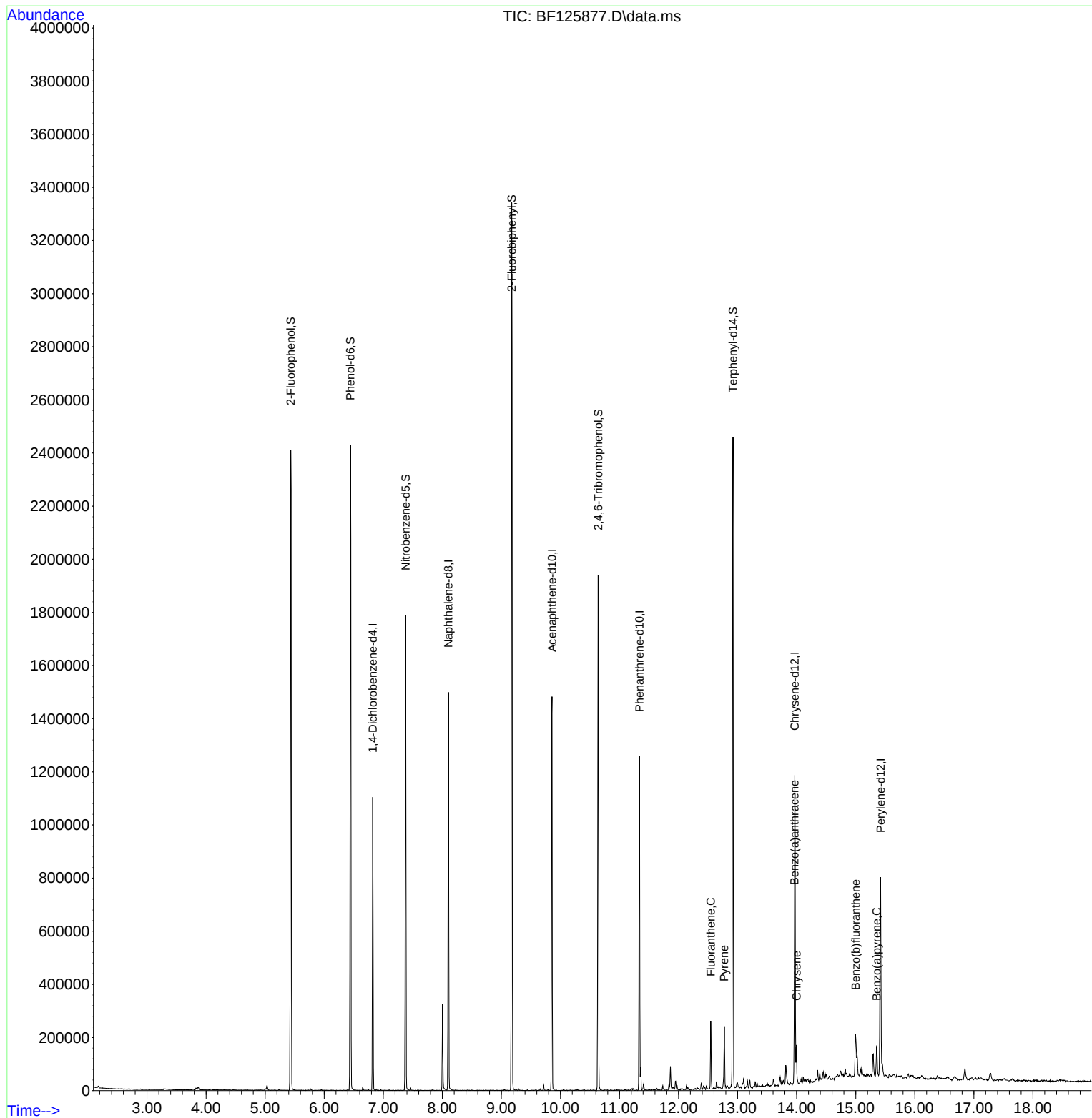
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125877.D
Acq On : 18 Oct 2021 15:09
Operator : JU/CG
Sample : M4252-04
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Instrument :
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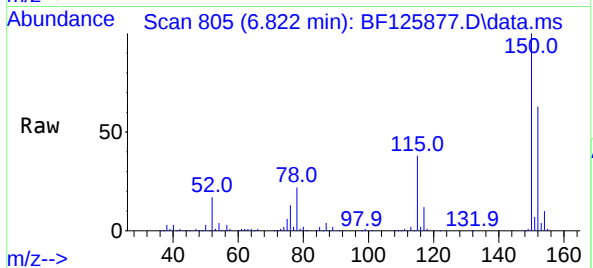
Quant Time: Oct 19 09:07:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

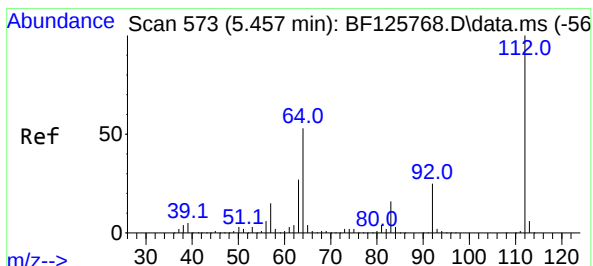
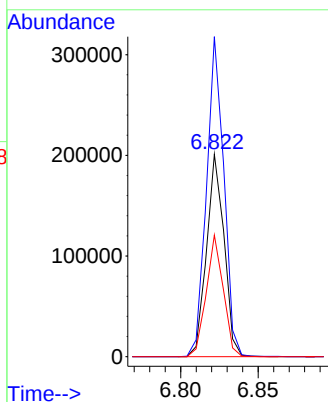
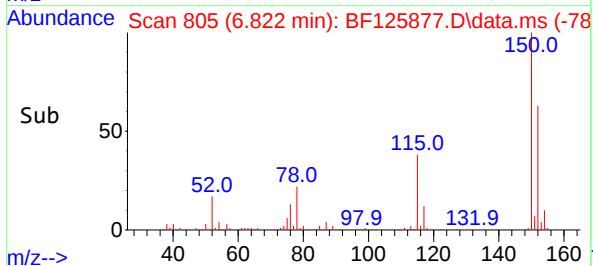
Instrument :
BNA_F
ClientSampled :
TEST-BB-(1)



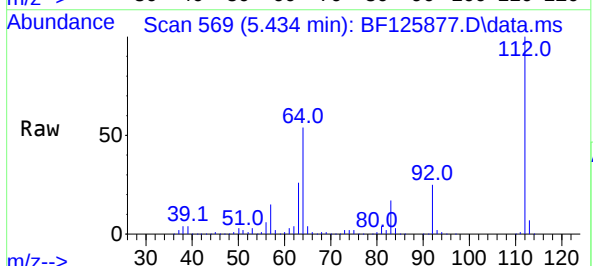
Tgt Ion:152 Resp: 158115
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 60.1 47.1 70.7

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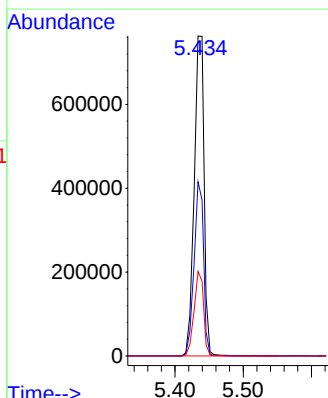
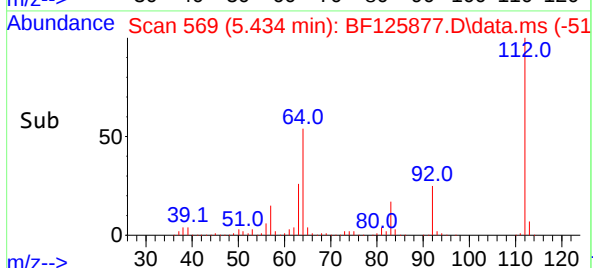
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#5
2-Fluorophenol
Concen: 79.58 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09



Tgt Ion:112 Resp: 770200
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 26.4 26.2 39.2





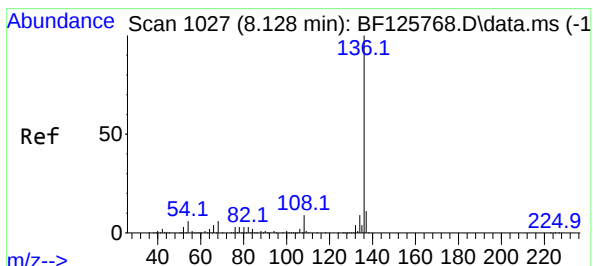
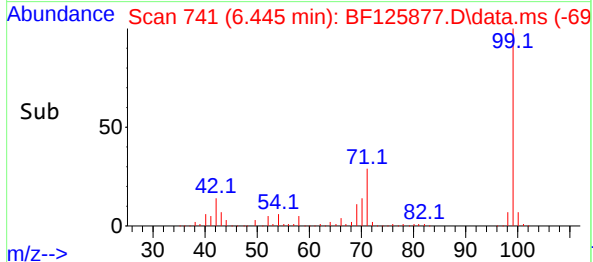
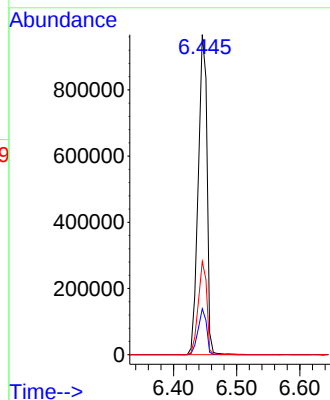
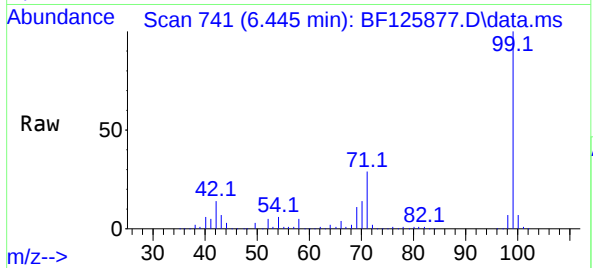
#7
Phenol-d6
Concen: 74.74 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion: 99 Resp: 931198
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.1 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

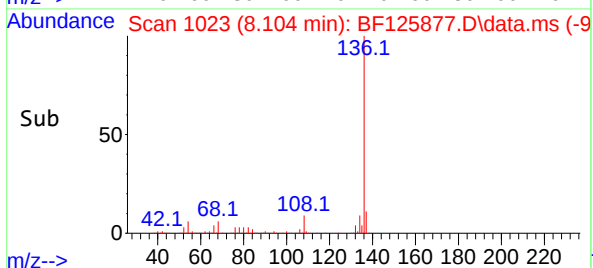
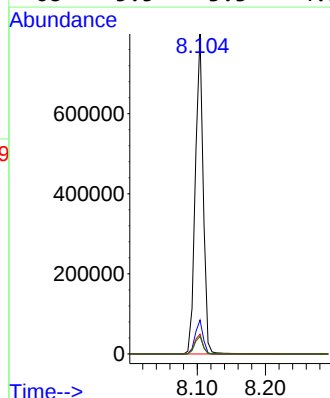
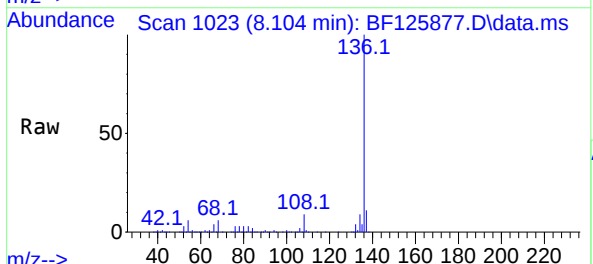
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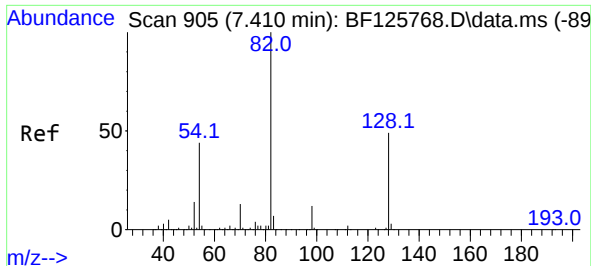
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion: 136 Resp: 637236
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.2 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 52.33 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125877.D

Acq: 18 Oct 2021 15:09

Tgt Ion:	82	Resp:	536466
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	43.3	49.6	74.4#

Instrument :

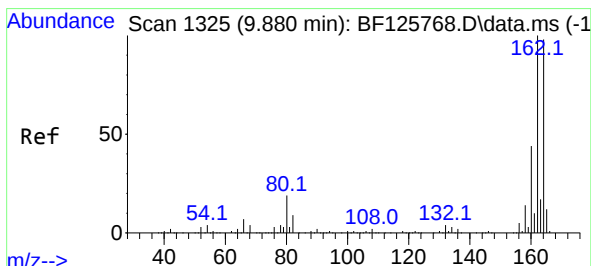
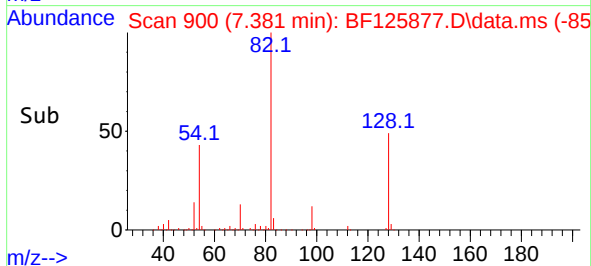
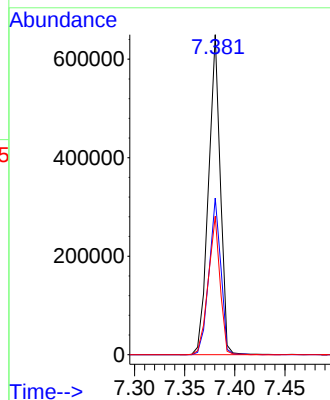
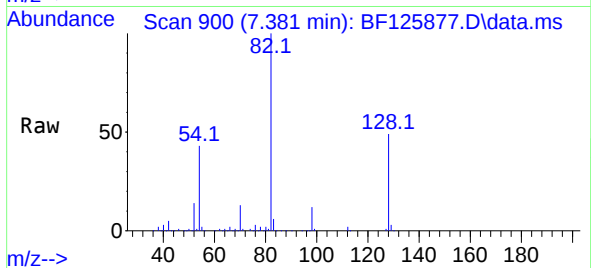
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.00 ng

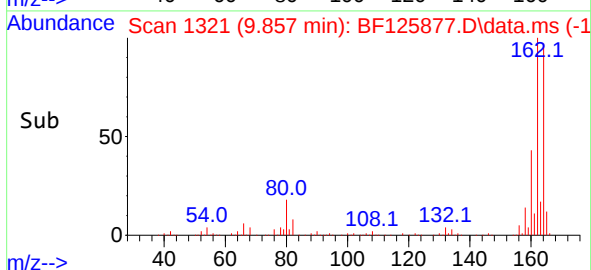
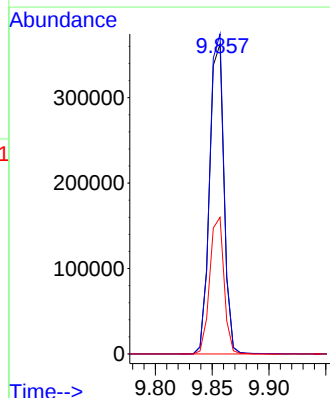
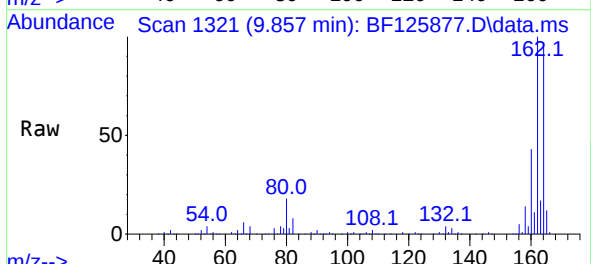
RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125877.D

Acq: 18 Oct 2021 15:09

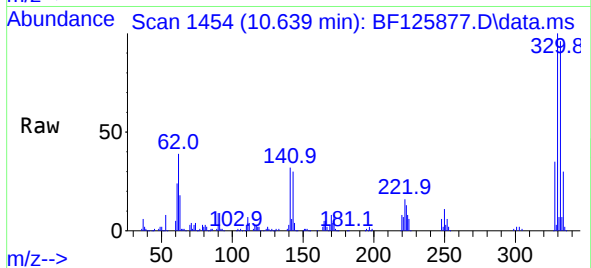
Tgt Ion:	164	Resp:	320306
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	44.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 70.24 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

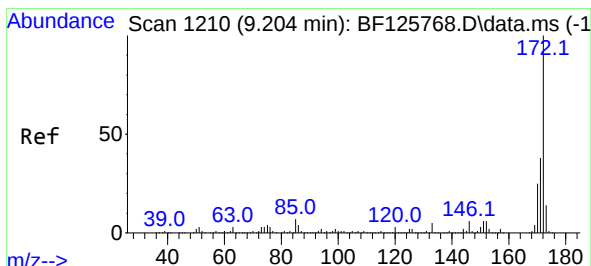
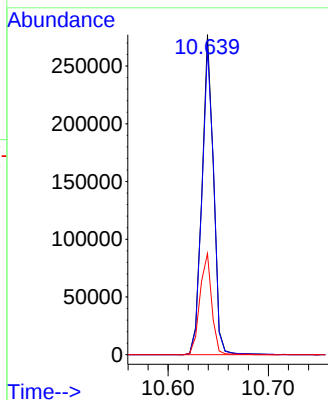
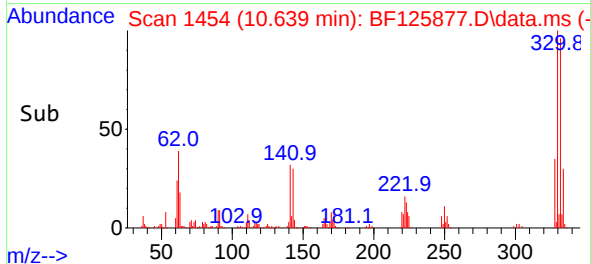
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)



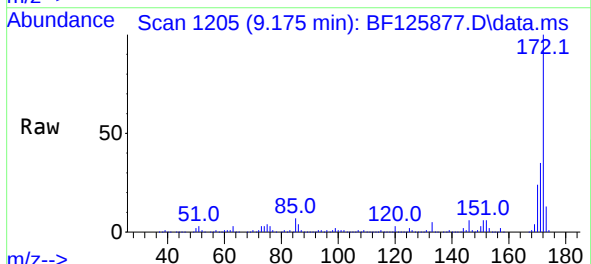
Tgt Ion:330 Resp: 222140
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 32.3 44.6 66.8#

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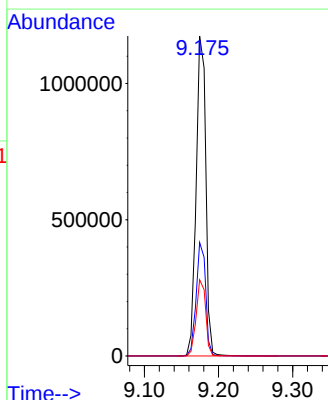
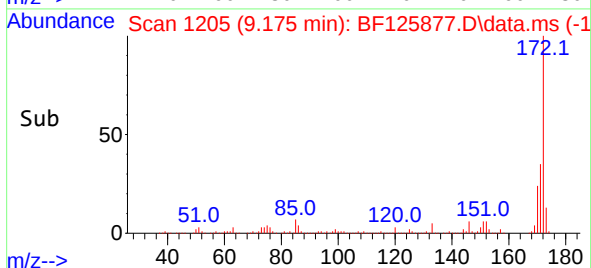
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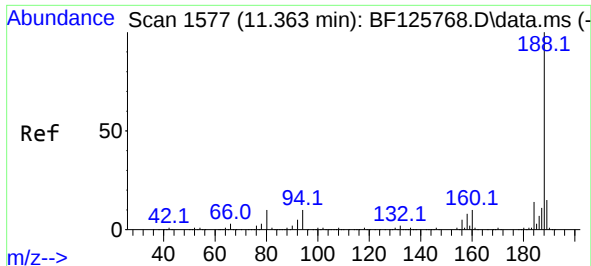


#45
2-Fluorobiphenyl
Concen: 57.07 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09



Tgt Ion:172 Resp: 1059753
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.8 18.8 28.2





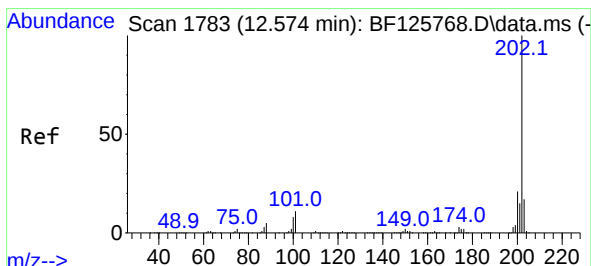
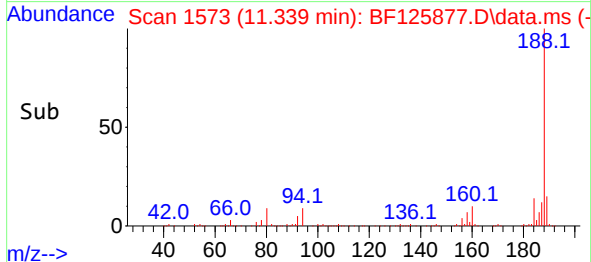
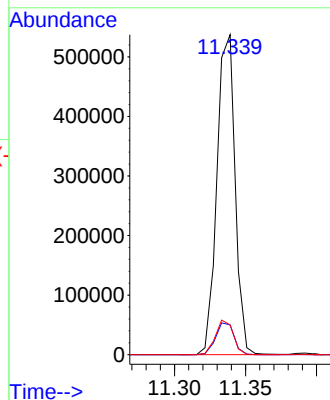
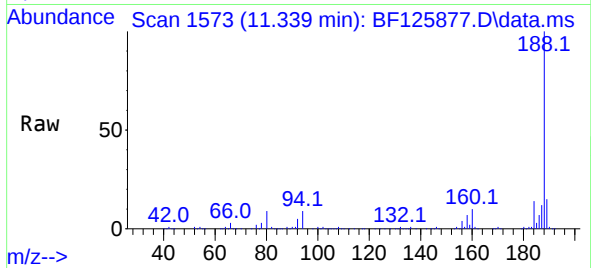
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:188 Resp: 477392
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.3 7.5 11.3

Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

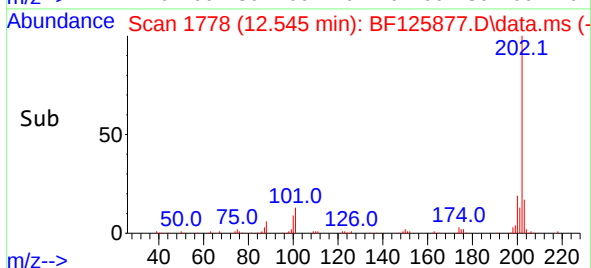
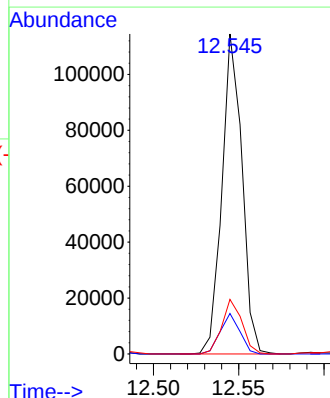
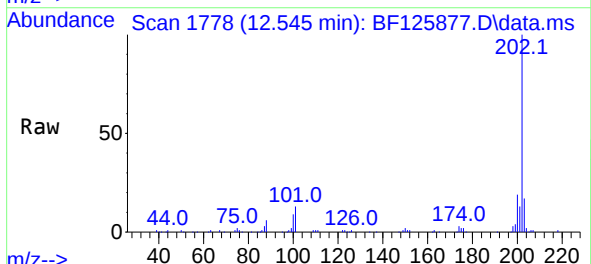
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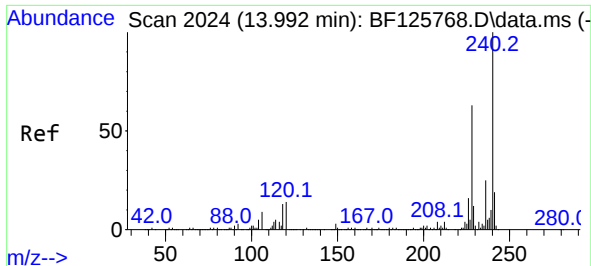
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#75
Fluoranthene
Concen: 4.06 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

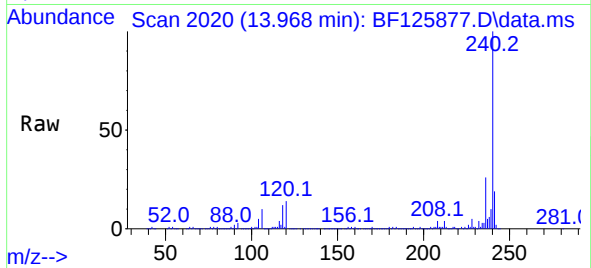
Tgt Ion:202 Resp: 93636
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.7
203 17.1 0.0 36.3





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

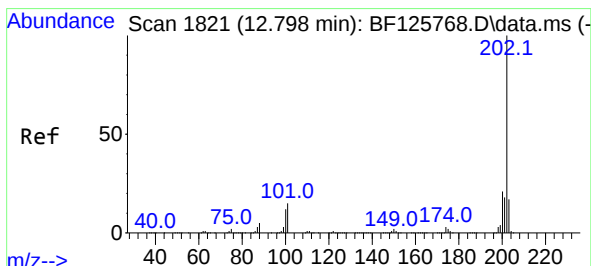
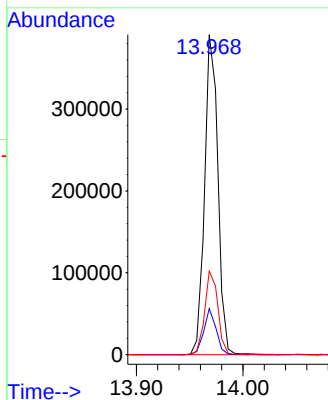
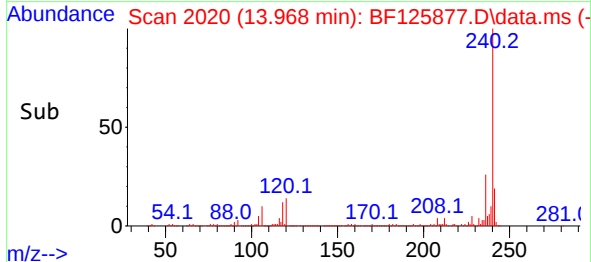
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)



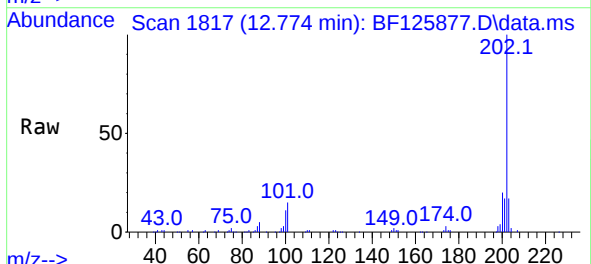
Tgt Ion:240 Resp: 339285
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 26.1 21.6 32.4

Manual Integrations
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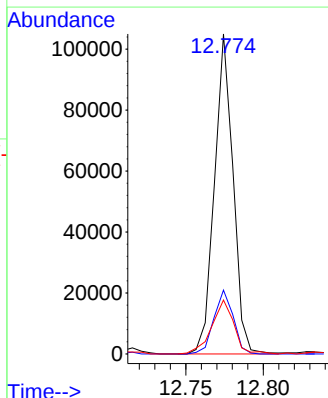
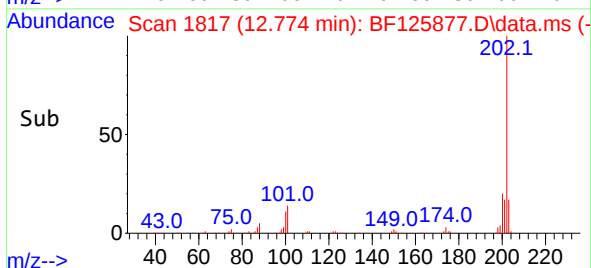
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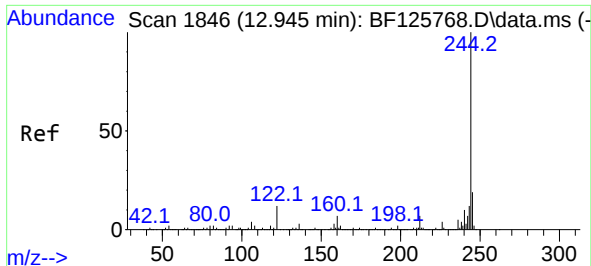


#78
Pyrene
Concen: 2.55 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09



Tgt Ion:202 Resp: 87786
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 16.9 13.4 20.0





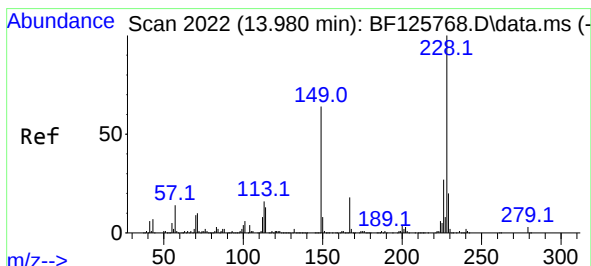
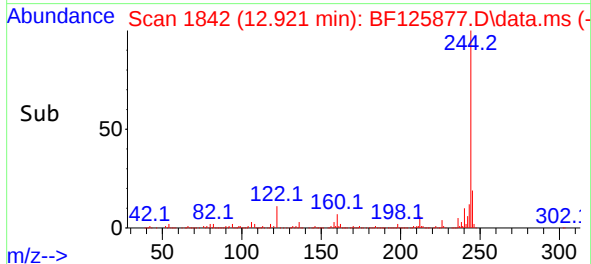
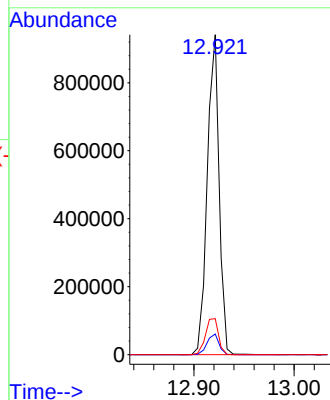
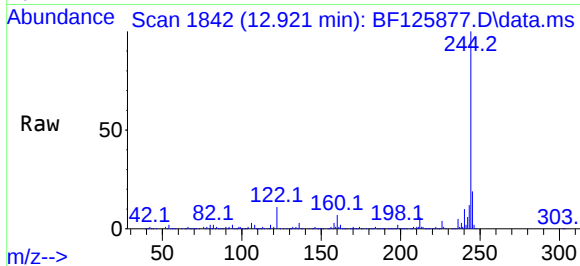
#79
Terphenyl-d14
Concen: 34.85 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:244 Resp: 776331
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.2 9.0 13.4

Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

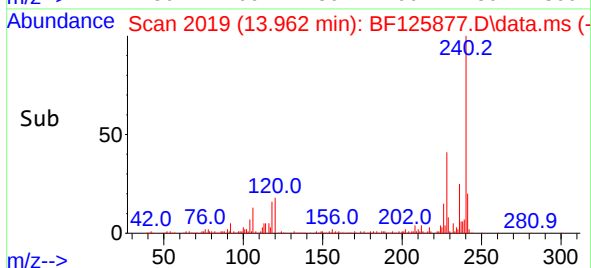
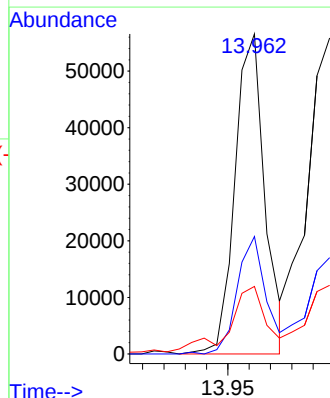
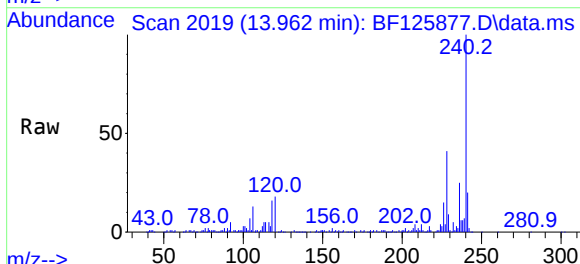
Manual Integrations
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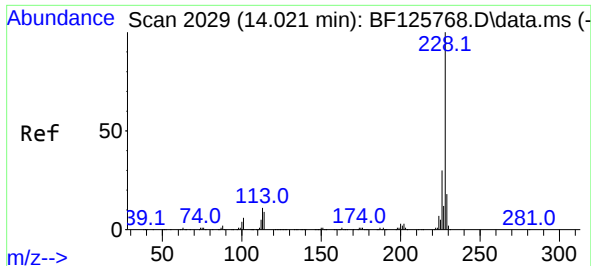
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#81
Benzo(a)anthracene
Concen: 2.50 ng m
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:228 Resp: 55099
Ion Ratio Lower Upper
228 100
226 36.7 21.6 32.4#
229 21.1 15.6 23.4





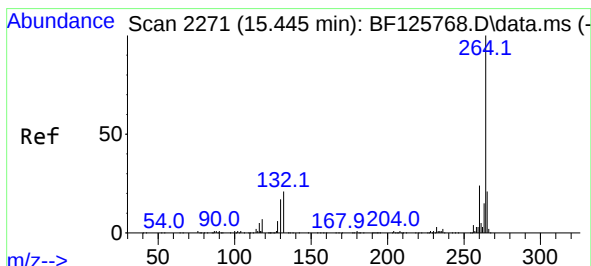
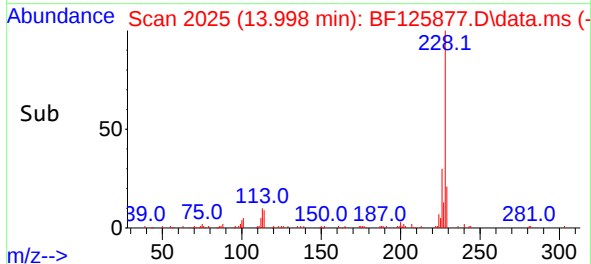
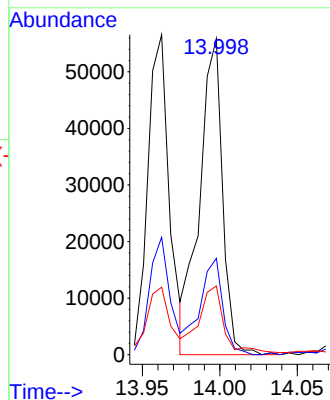
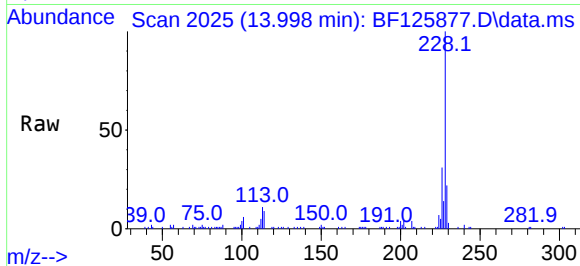
#83
Chrysene
Concen: 2.65 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:	228	Resp:	57556
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.6	34.0
229	21.7	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

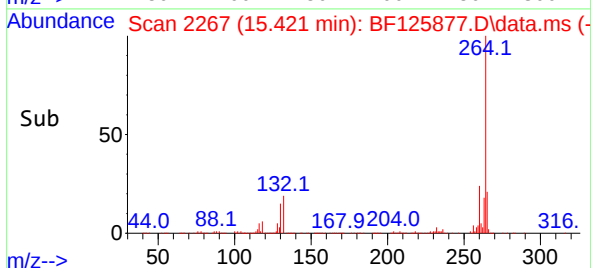
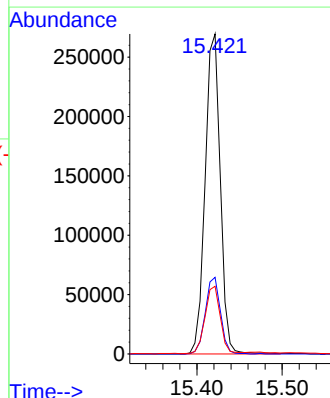
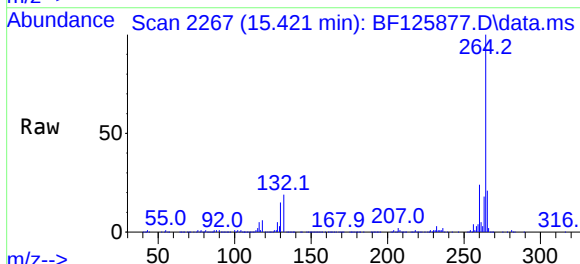
Manual Integrations
APPROVED

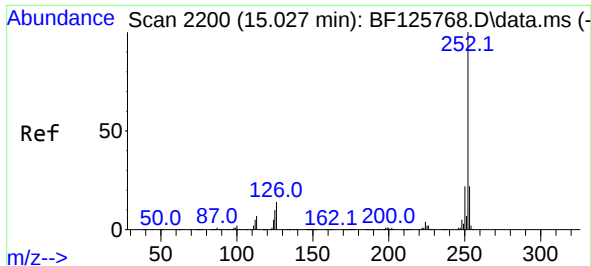
mohammad
10/19/2021 12:09:32 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

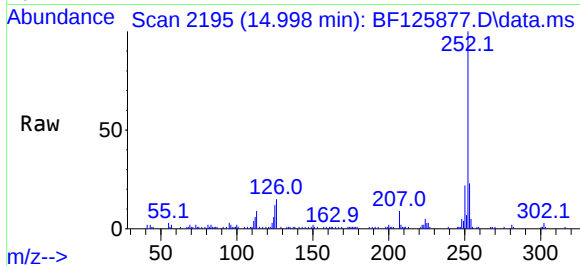
Tgt Ion:	264	Resp:	332219
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	21.1	17.2	25.8





#88
Benzo(b)fluoranthene
Concen: 4.33 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

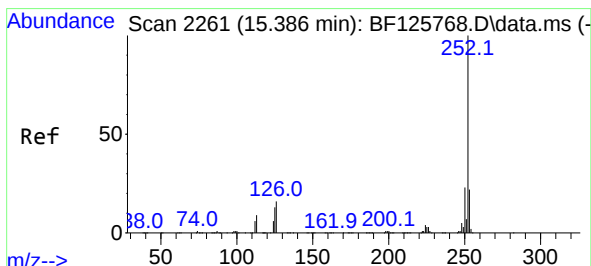
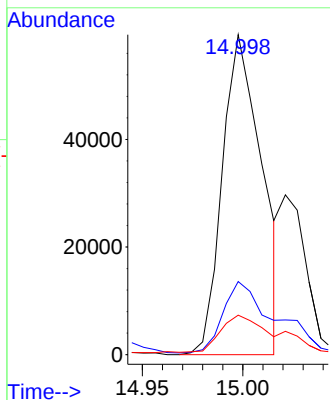
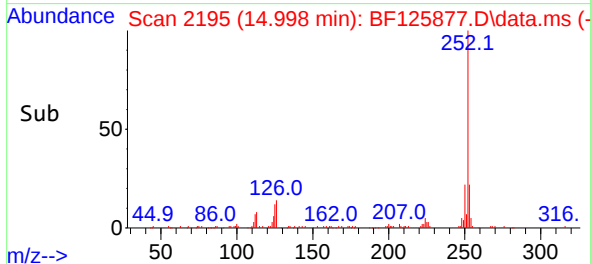
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)



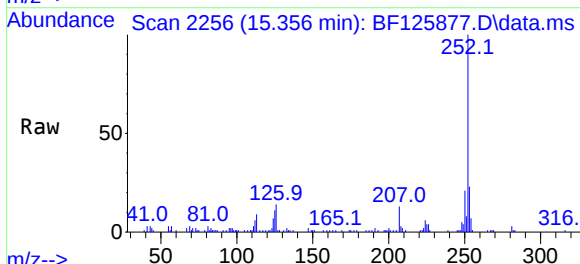
Tgt Ion:252 Resp: 81307
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 12.3 9.8 14.8

Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:32 PM



#90
Benzo(a)pyrene
Concen: 3.16 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09



Tgt Ion:252 Resp: 52510
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 11.0 9.9 14.9

