

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125821.D
 Acq On : 13 Oct 2021 12:07
 Operator : JU/CG
 Sample : M4117-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-0.5)

Manual Integrations
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mohammad
 10/14/2021 10:55:01 AM

Quant Time: Oct 13 13:32:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	201684	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	798581	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	401559	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	634695	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	403004	20.000	ng	0.00
86) Perylene-d12	15.451	264	427542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1280691	103.735	ng	0.00
7) Phenol-d6	6.469	99	1555805	97.892	ng	0.00
23) Nitrobenzene-d5	7.404	82	942006	73.324	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	369380	93.169	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1804878	77.525	ng	0.00
79) Terphenyl-d14	12.945	244	1449570	54.790	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.569	202	109576	3.576	ng	96
78) Pyrene	12.798	202	118238	2.888	ng	96
81) Benzo(a)anthracene	13.980	228	61346	2.346	ng	95
83) Chrysene	14.016	228	62927	2.435	ng	98
88) Benzo(b)fluoranthene	15.021	252	89289m	3.699	ng	
90) Benzo(a)pyrene	15.386	252	62751	2.936	ng	96

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

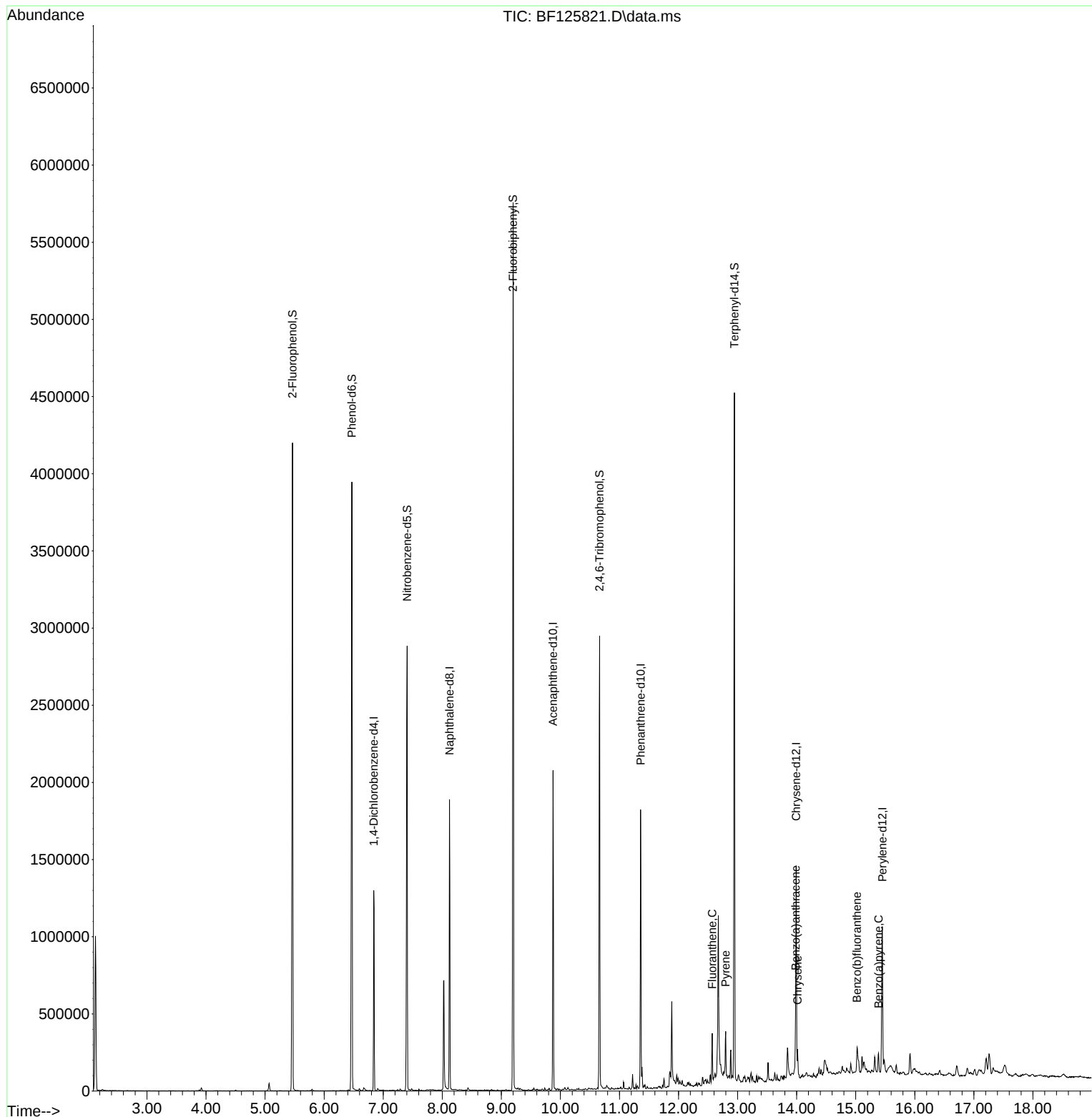
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125821.D
Acq On : 13 Oct 2021 12:07
Operator : JU/CG
Sample : M4117-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

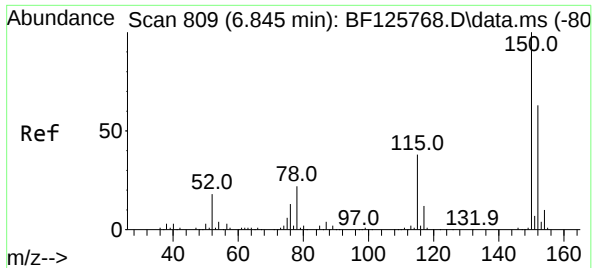
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

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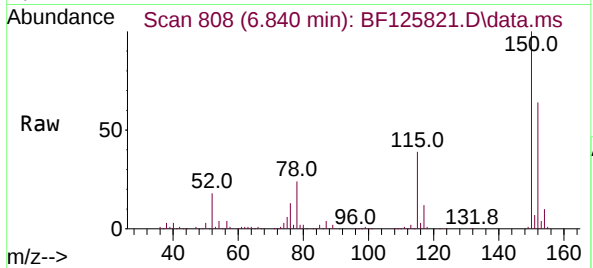
Quant Time: Oct 13 13:32:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

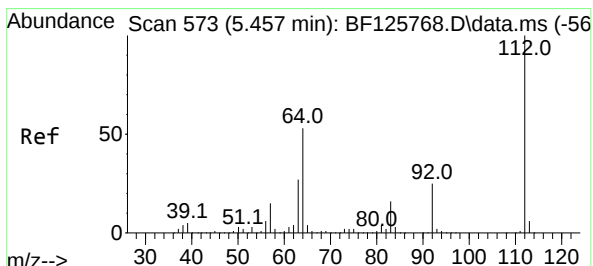
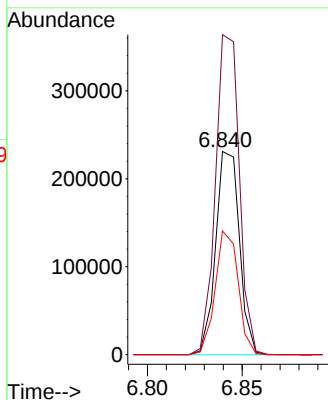
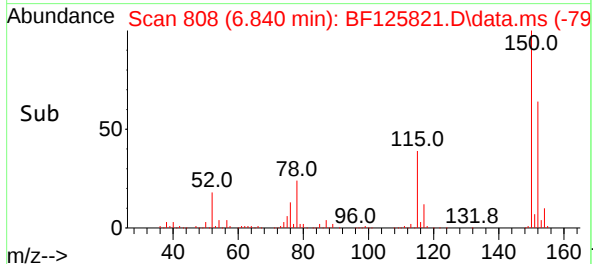
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BNA_F
ClientSampleID :
SB-5(0-0.5)



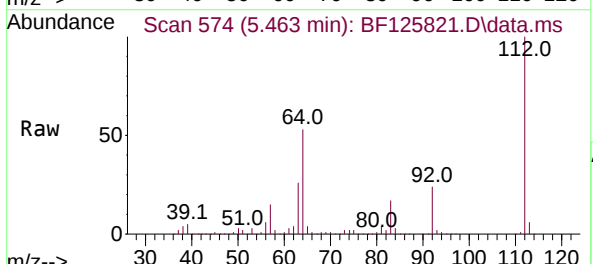
Tgt Ion:152 Resp: 201684
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 60.8 47.1 70.7

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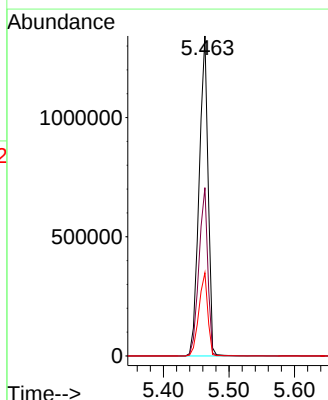
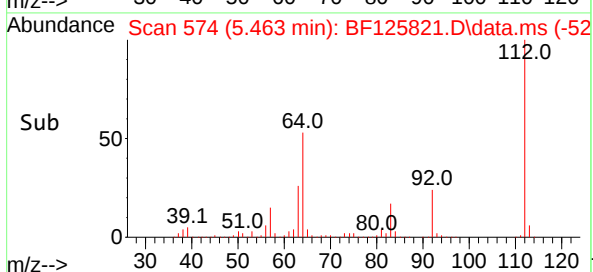
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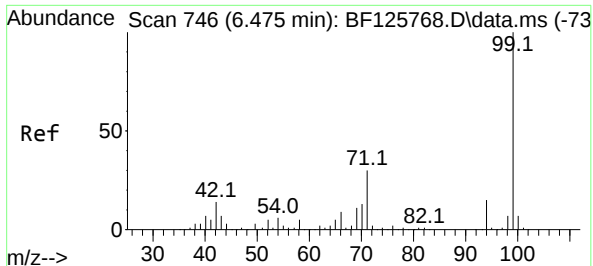


#5
2-Fluorophenol
Concen: 103.735 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



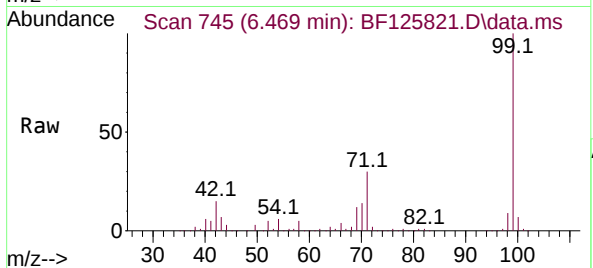
Tgt Ion:112 Resp: 1280691
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 26.0 26.2 39.2#





#7
Phenol-d6
Concen: 97.892 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

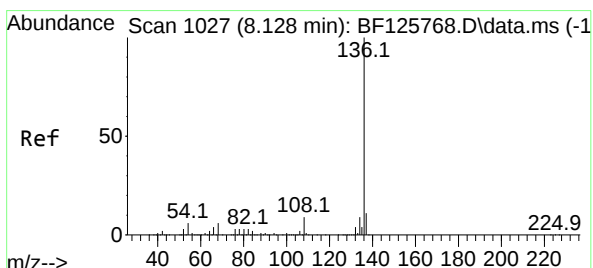
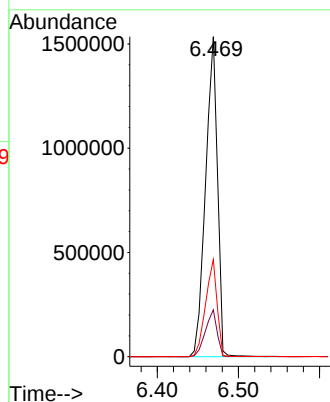
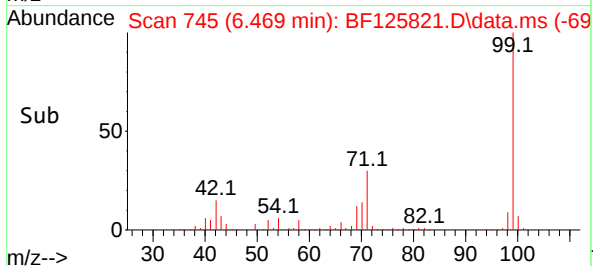
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



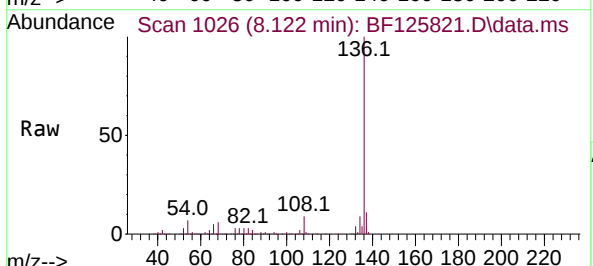
Tgt Ion: 99 Resp: 1555805
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.4 25.6 38.4

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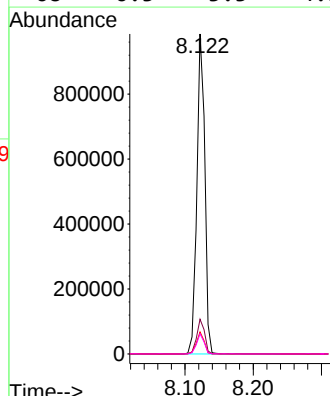
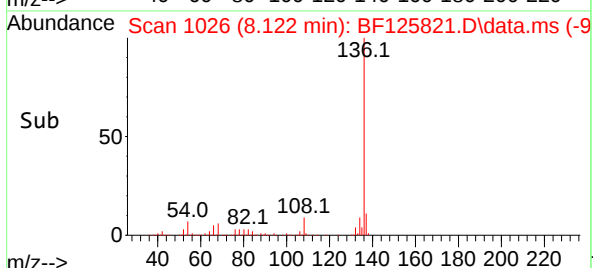
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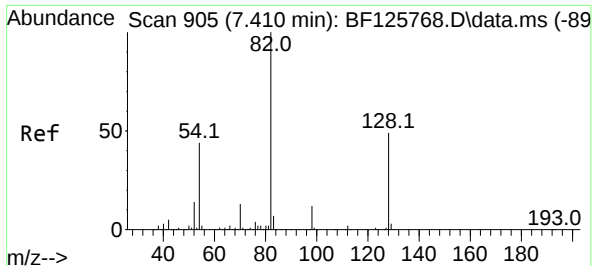


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



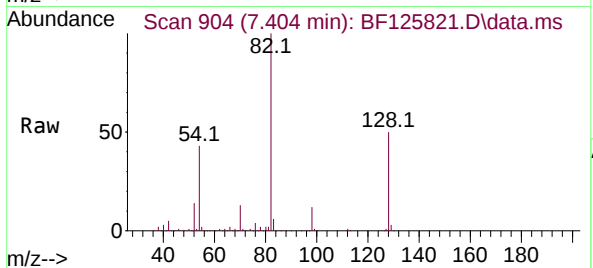
Tgt Ion: 136 Resp: 798581
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.9 6.4 9.6
68 6.3 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 73.324 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

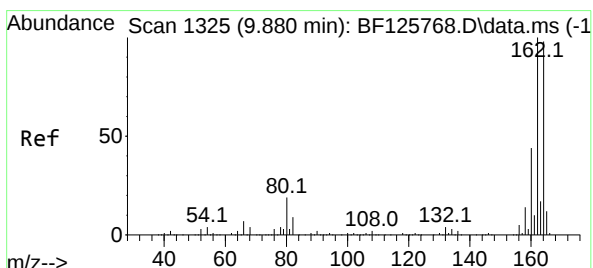
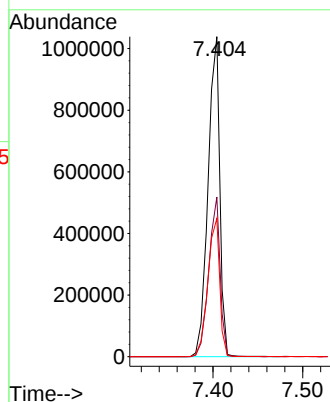
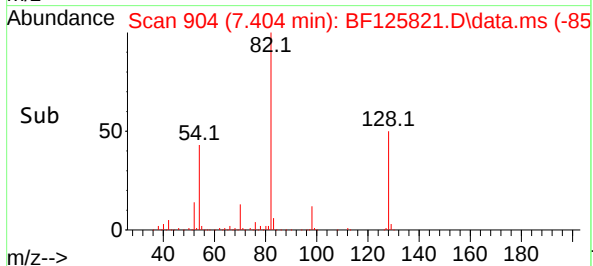
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



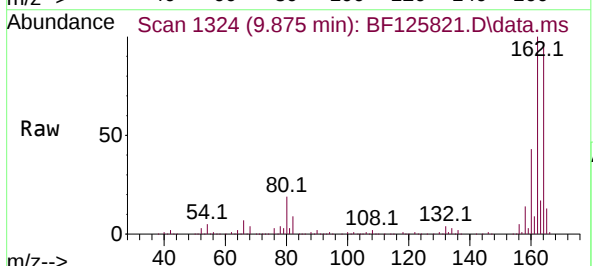
Tgt Ion: 82 Resp: 942006
Ion Ratio Lower Upper
82 100
128 49.9 40.6 60.8
54 43.2 49.6 74.4#

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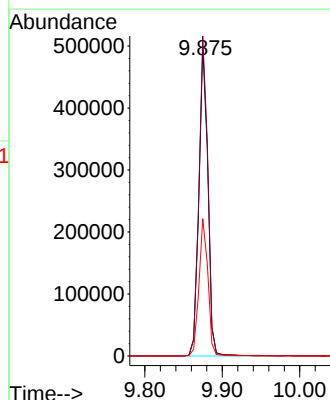
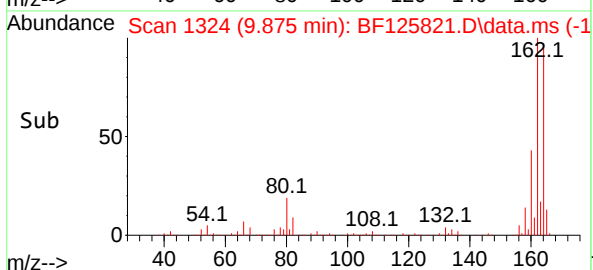
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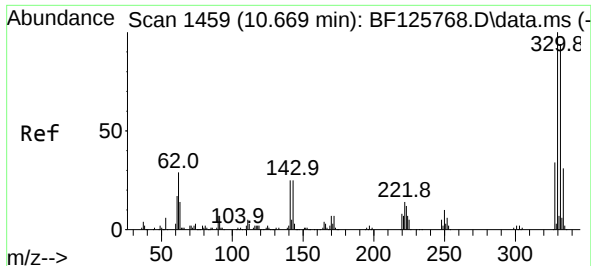


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



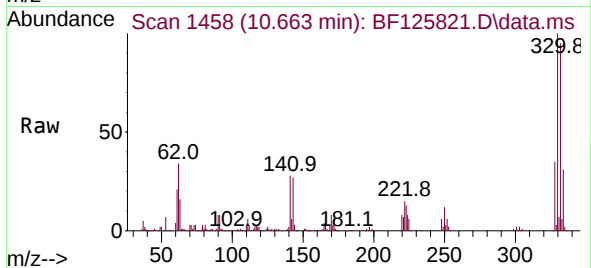
Tgt Ion: 164 Resp: 401559
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 93.169 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

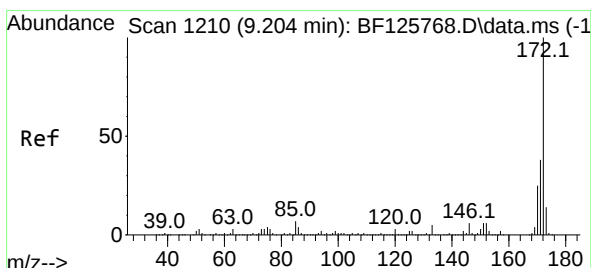
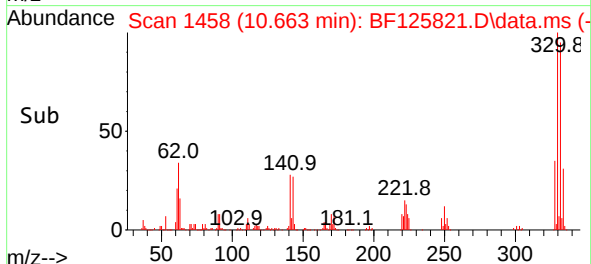
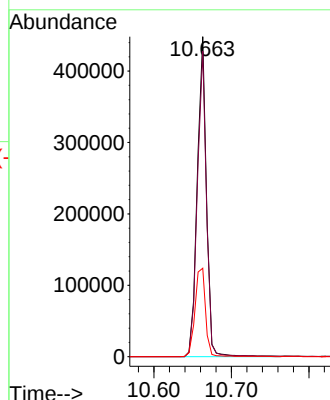
Instrument :
BNA_F
ClientSampleID :
SB-5(0-0.5)



Tgt Ion:330 Resp: 369380
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 31.7 44.6 66.8#

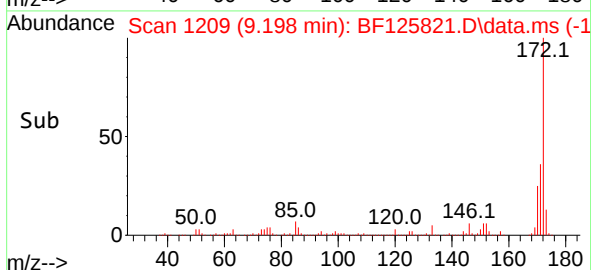
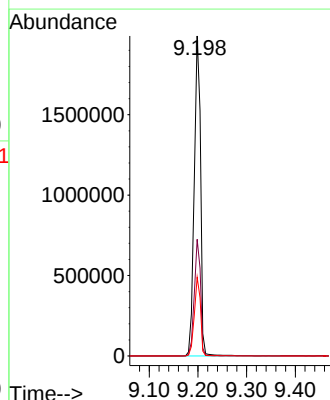
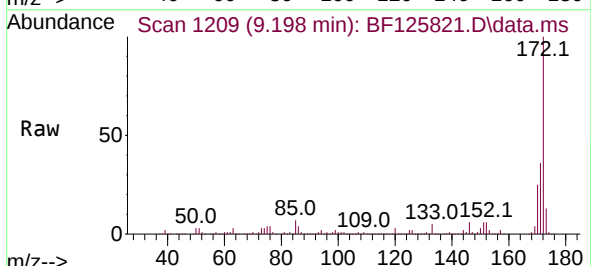
Manual Integrations
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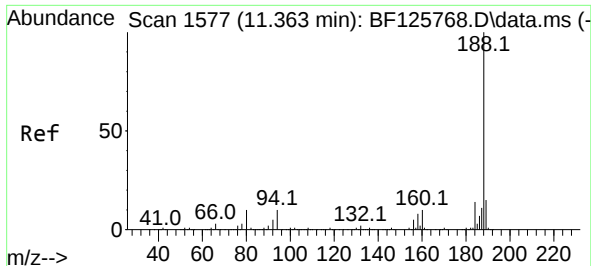
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#45
2-Fluorobiphenyl
Concen: 77.525 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

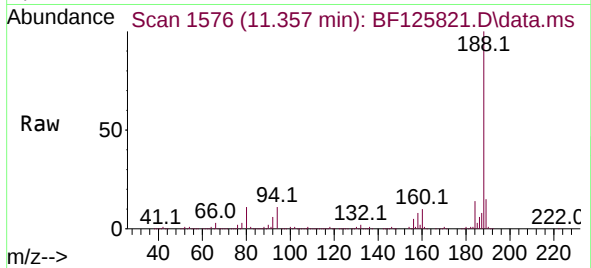
Tgt Ion:172 Resp: 1804878
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

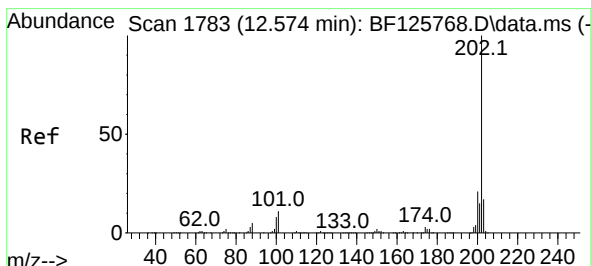
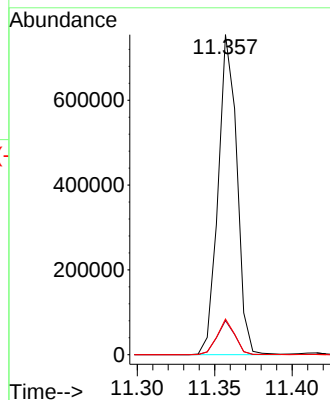
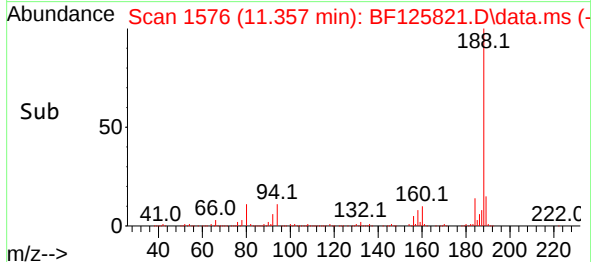
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



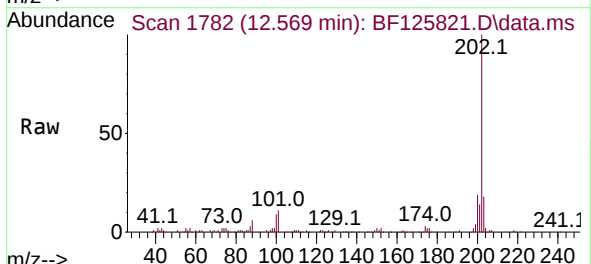
Tgt Ion:188 Resp: 634695
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 11.1 7.5 11.3

Manual Integrations
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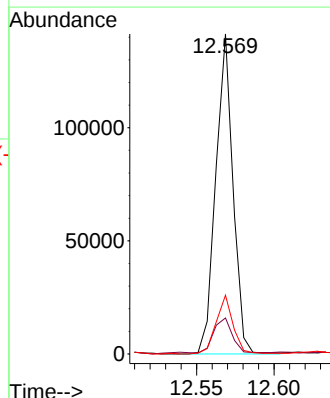
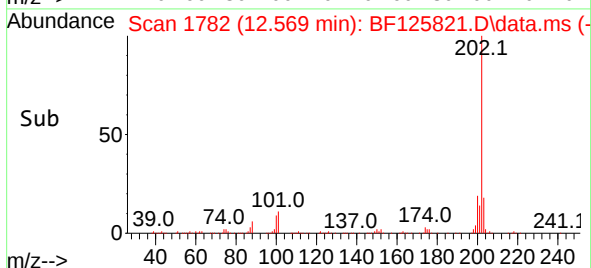
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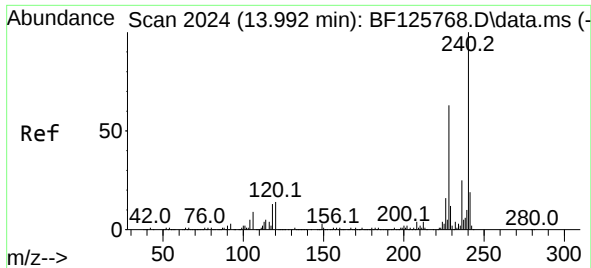


#75
Fluoranthene
Concen: 3.576 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



Tgt Ion:202 Resp: 109576
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 18.4 0.0 36.3





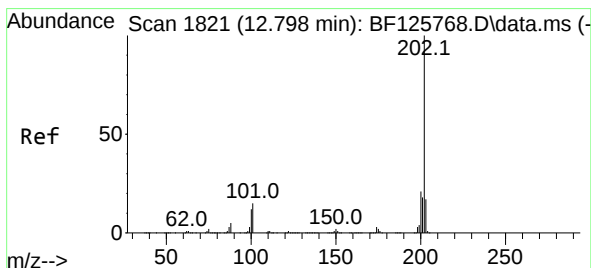
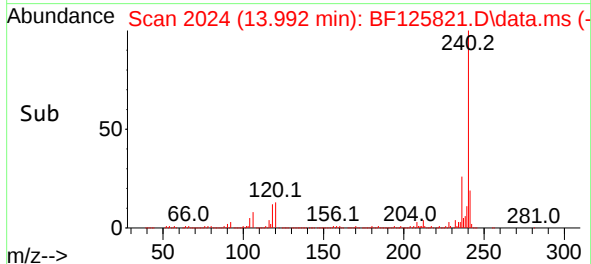
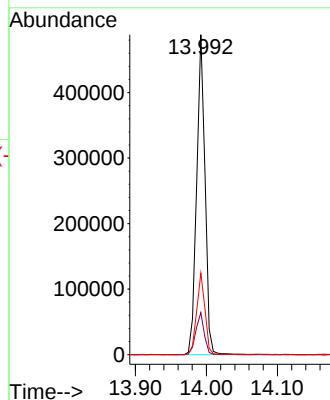
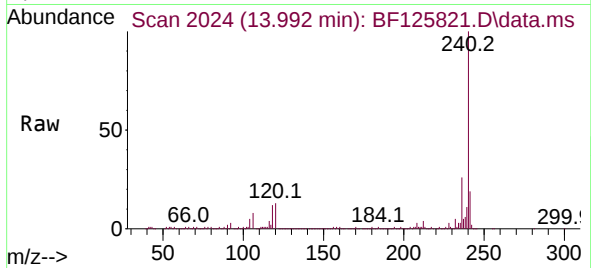
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

Tgt Ion:240 Resp: 403004
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.5 21.6 32.4

Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

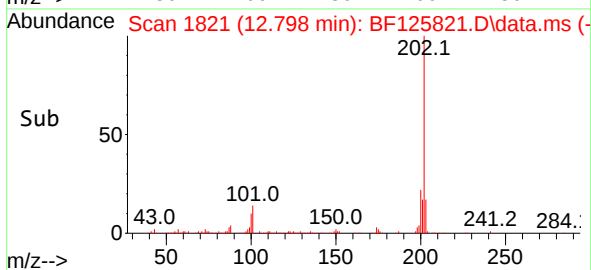
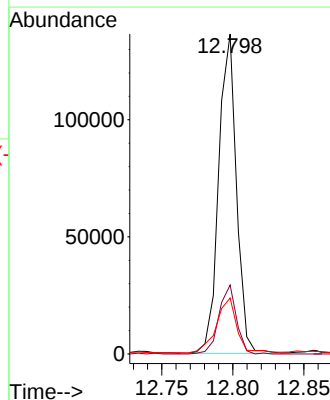
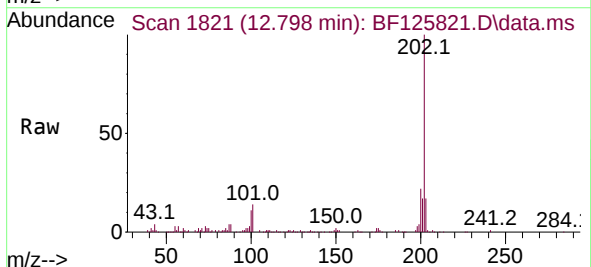
Manual Integrations
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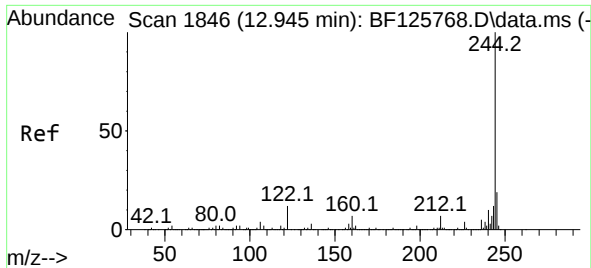
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#78
Pyrene
Concen: 2.888 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

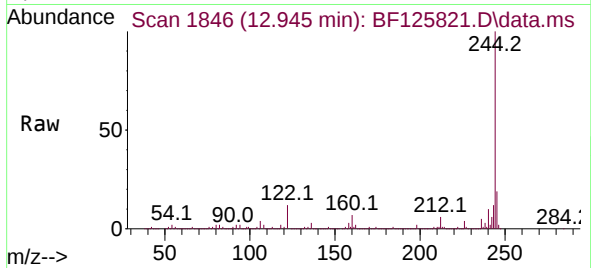
Tgt Ion:202 Resp: 118238
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 17.5 13.4 20.0





#79
Terphenyl-d14
Concen: 54.790 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

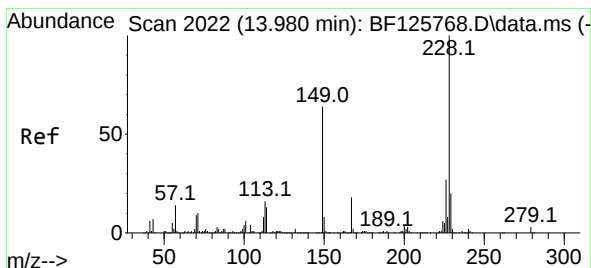
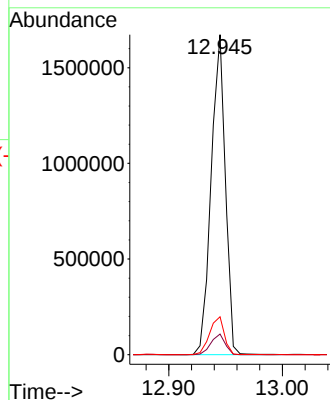
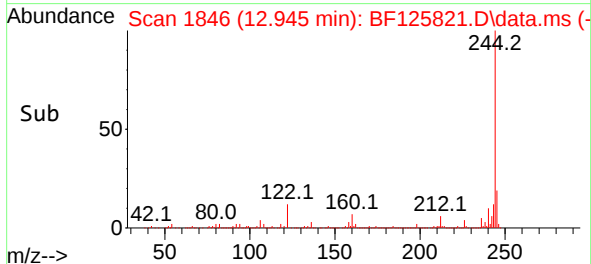
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)



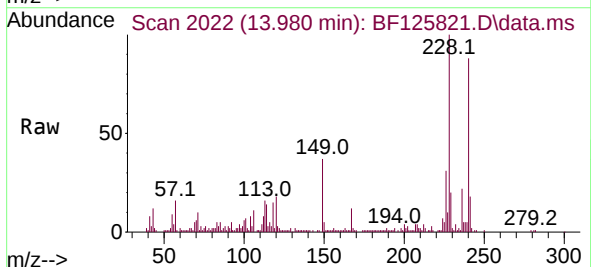
Tgt Ion:244 Resp: 1449570
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.8 9.0 13.4

Manual Integrations
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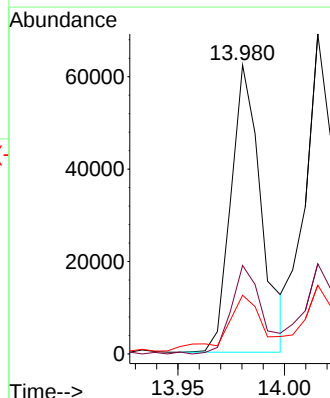
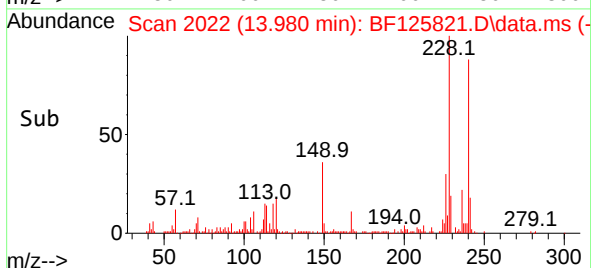
mohammad
10/14/2021 10:55:01 AM

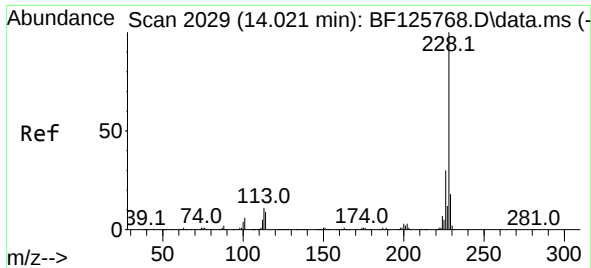


#81
Benzo(a)anthracene
Concen: 2.346 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

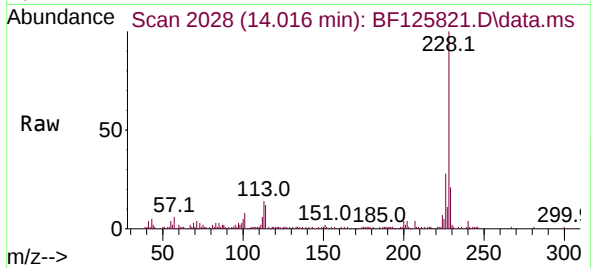


Tgt Ion:228 Resp: 61346
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 20.3 15.6 23.4





#83
Chrysene
Concen: 2.435 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

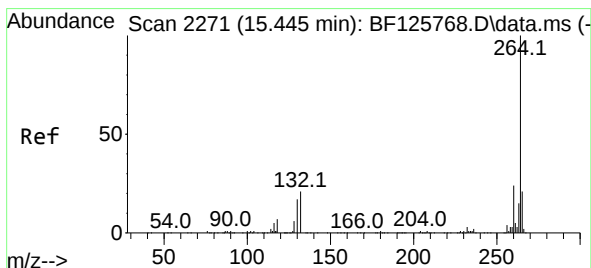
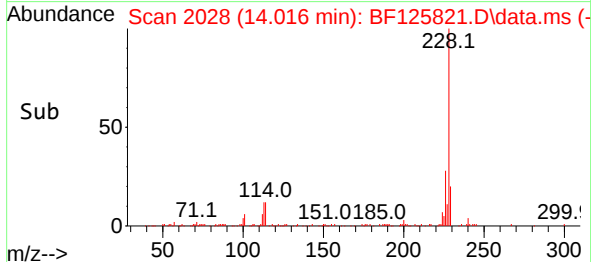
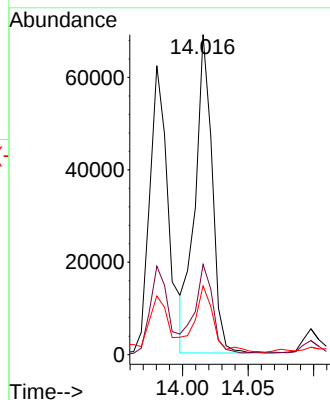


Tgt Ion:228 Resp: 62927
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 21.5 15.9 23.9

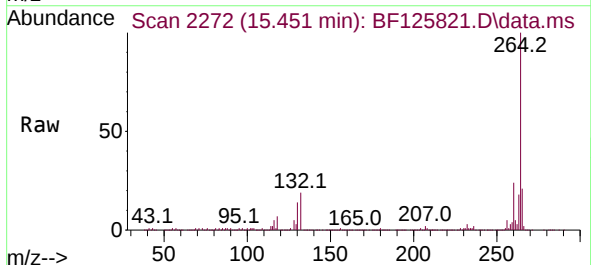
Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Manual Integrations
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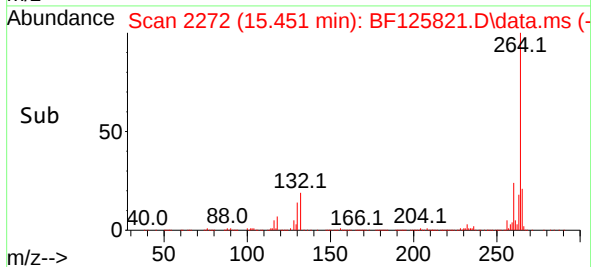
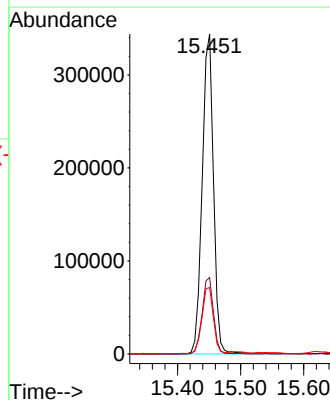
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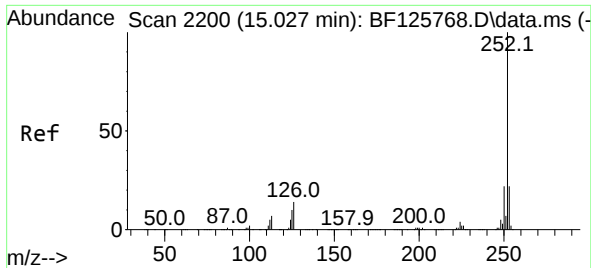


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07

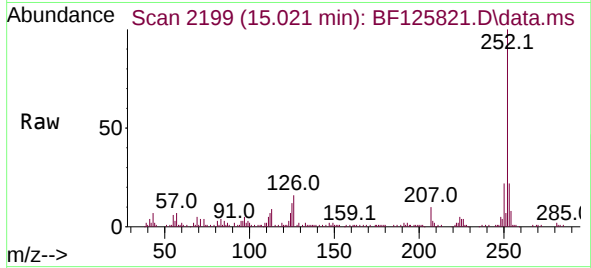


Tgt Ion:264 Resp: 427542
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.8 17.2 25.8

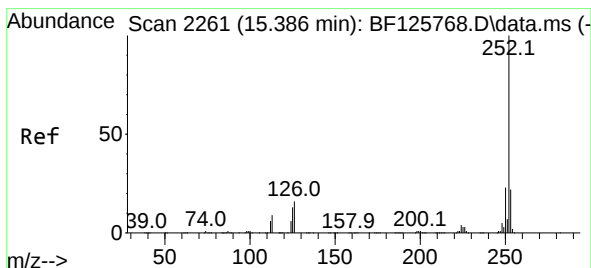
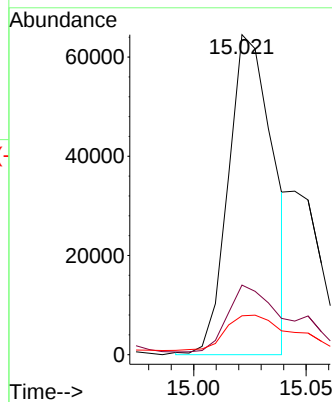
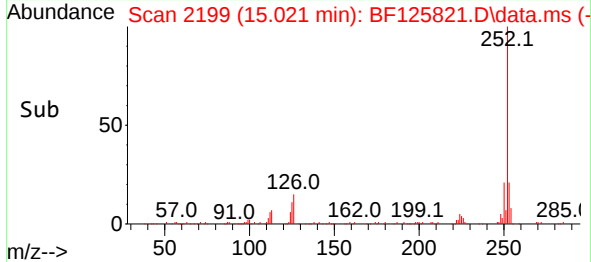




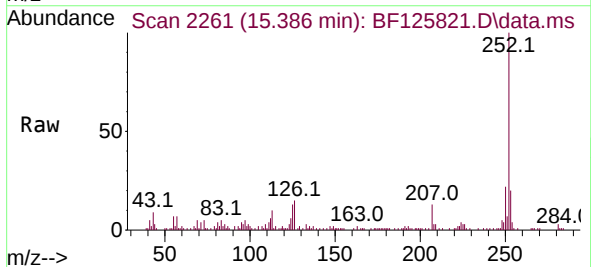
#88
Benzo(b)fluoranthene
Concen: 3.699 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



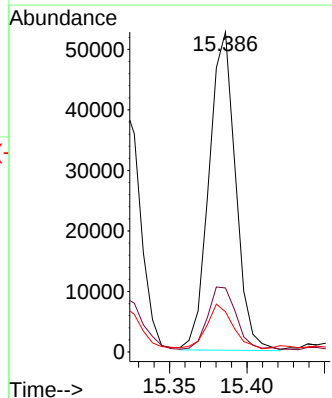
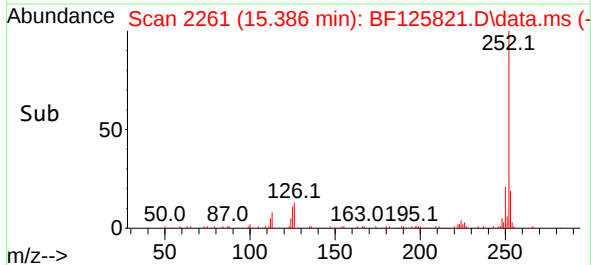
Tgt Ion:252 Resp: 89289
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 12.1 9.8 14.8



#90
Benzo(a)pyrene
Concen: 2.936 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125821.D
Acq: 13 Oct 2021 12:07



Tgt Ion:252 Resp: 62751
Ion Ratio Lower Upper
252 100
253 20.0 18.4 27.6
125 12.5 9.9 14.9



Instrument :
BNA_F
ClientSampleId :
SB-5(0-0.5)

Manual Integrations
APPROVED

mohammad
10/14/2021 10:55:01 AM