

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)

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)

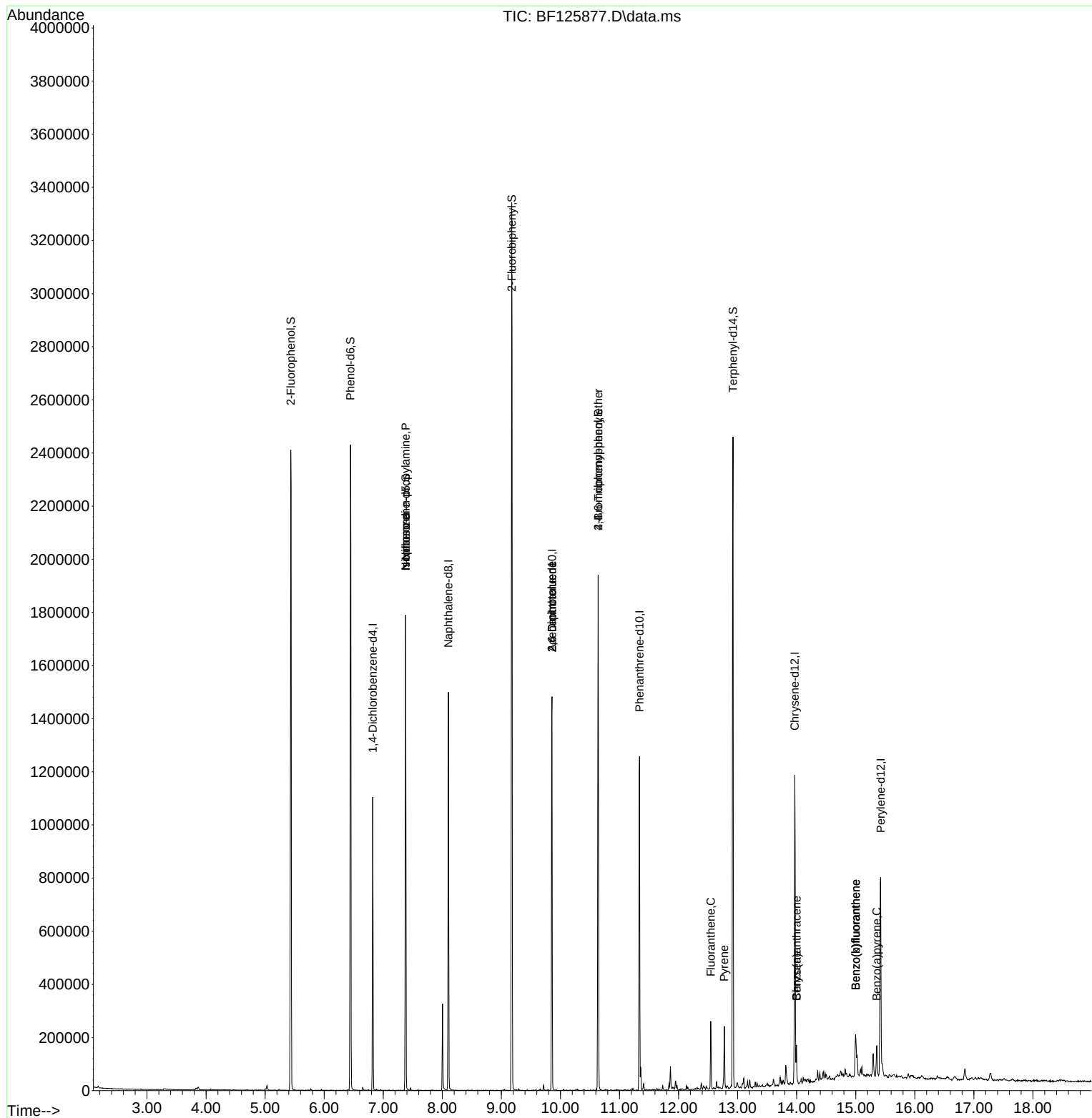
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	158115	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	637236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	320306	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	477392	20.000	ng	0.00
76) Chrysene-d12	13.968	240	339285	20.000	ng	0.00
86) Perylene-d12	15.421	264	332219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	770200	79.576	ng	0.00
7) Phenol-d6	6.445	99	931198	74.736	ng	-0.01
23) Nitrobenzene-d5	7.381	82	536466	52.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	222140	70.244	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1059753	57.067	ng	0.00
79) Terphenyl-d14	12.921	244	776331	34.854	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	66807	10.157	ng	# 50
25) Isophorone	7.381	82	534146	29.410	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	41398	9.713	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	41398	7.682	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	12633	2.389	ng	# 1
75) Fluoranthene	12.545	202	93636	4.063	ng	97
78) Pyrene	12.774	202	87786	2.547	ng	99
81) Benzo(a)anthracene	13.998	228	57556	2.615	ng	94
83) Chrysene	13.998	228	57556	2.645	ng	96
88) Benzo(b)fluoranthene	14.998	252	108357	5.777	ng	97
89) Benzo(k)fluoranthene	14.998	252	108357	5.627	ng	# 97
90) Benzo(a)pyrene	15.356	252	52510	3.161	ng	99

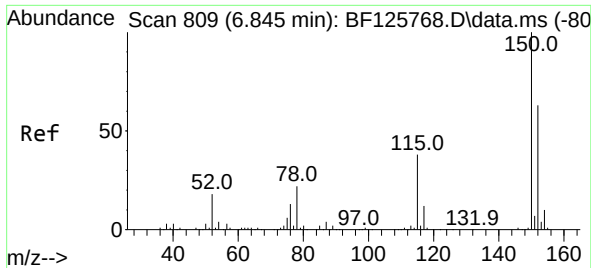
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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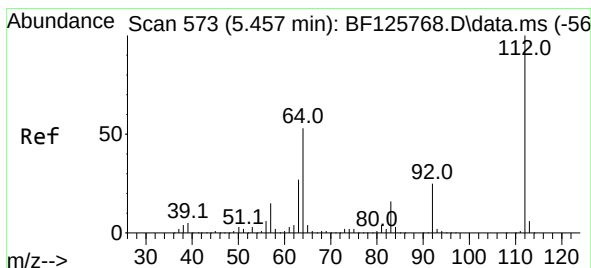
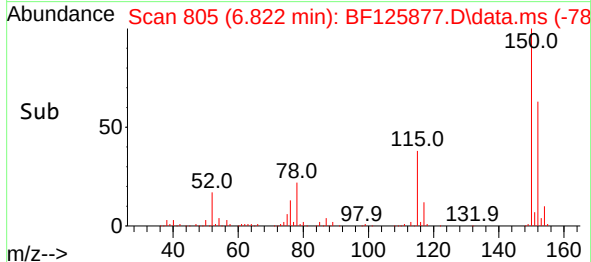
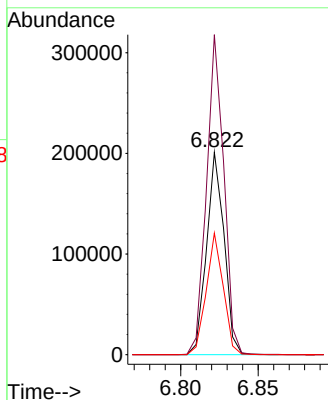
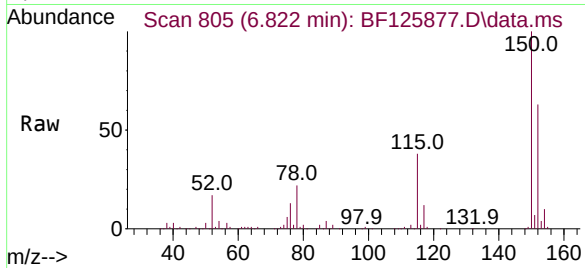




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

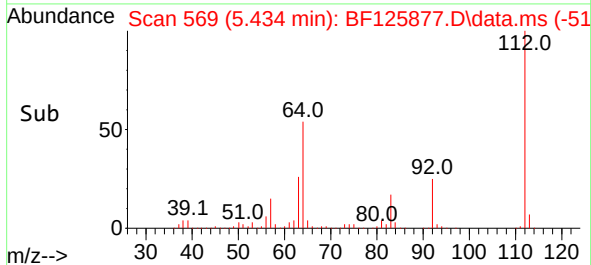
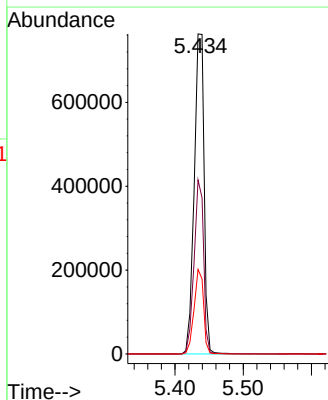
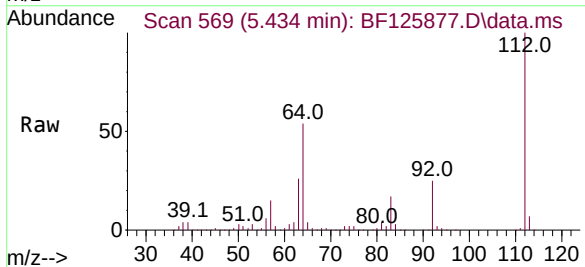
Instrument :
BNA_F
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TEST-BB-(1)

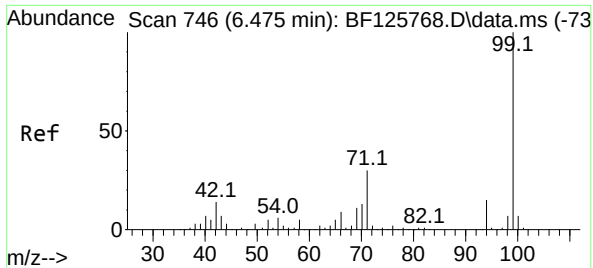
Tgt Ion:152 Resp: 158115
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 79.576 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

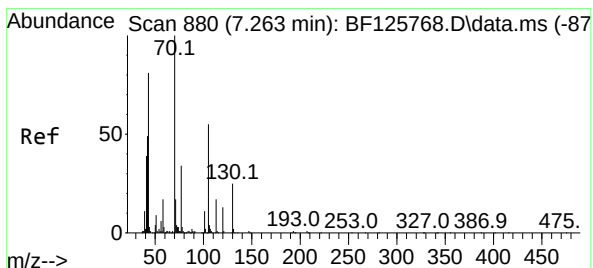
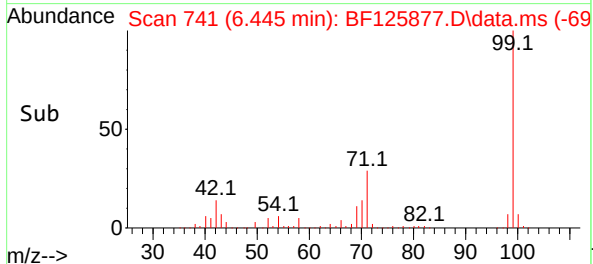
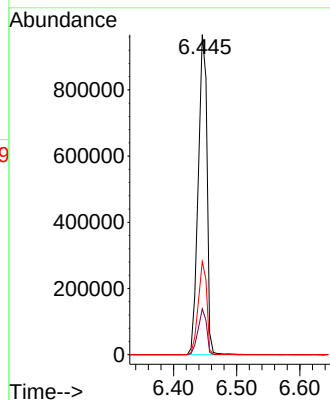
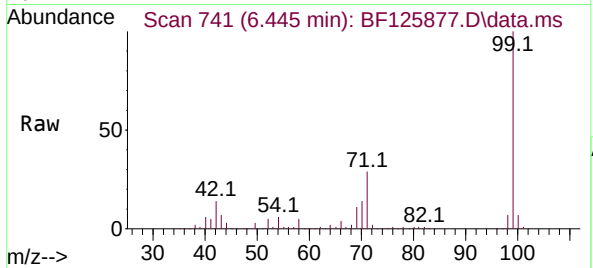




#7
Phenol-d6
Concen: 74.736 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

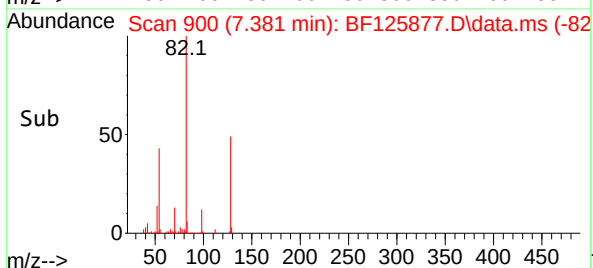
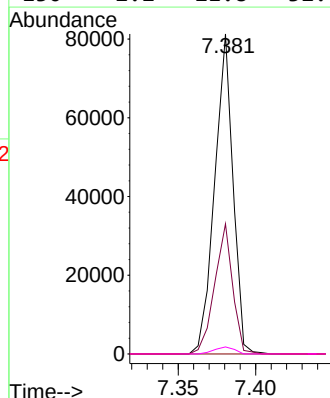
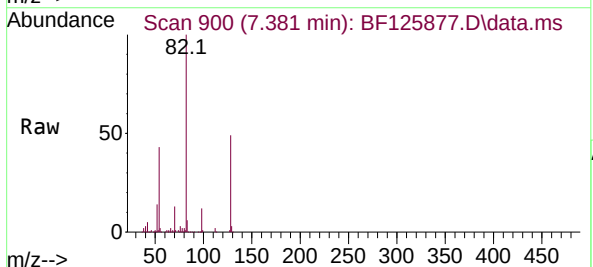
Instrument :
BNA_F
ClientSampleId :
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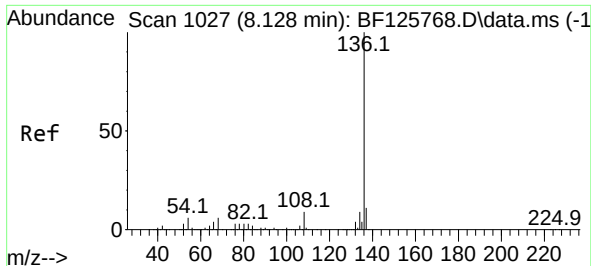
Tgt Ion: 99 Resp: 931198
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.157 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion: 70 Resp: 66807
Ion Ratio Lower Upper
70 100
42 40.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

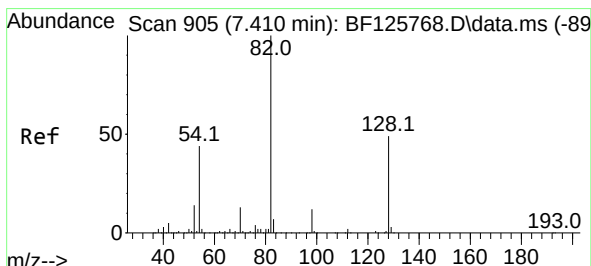
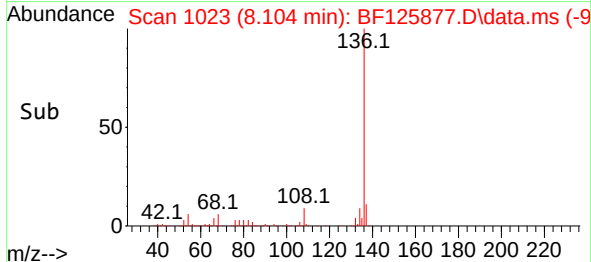
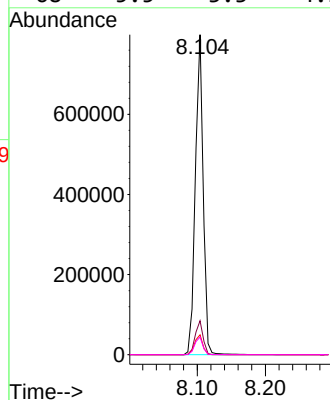
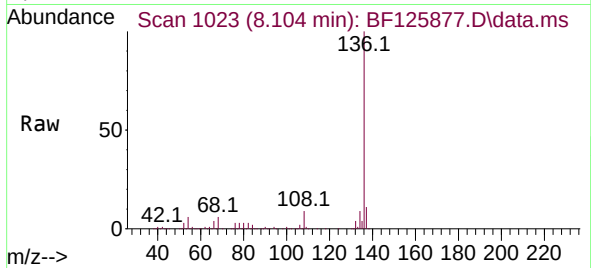




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

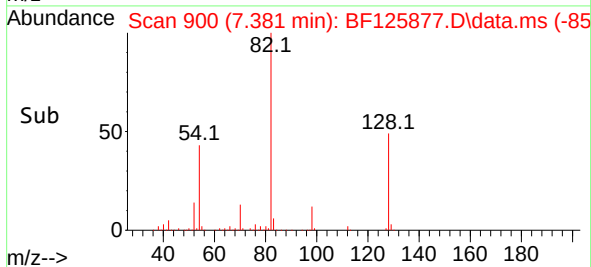
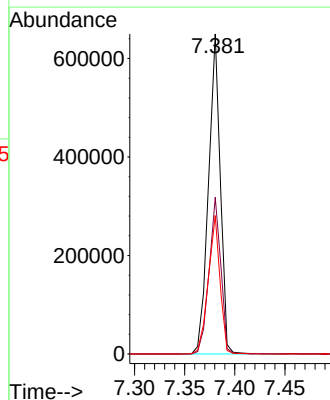
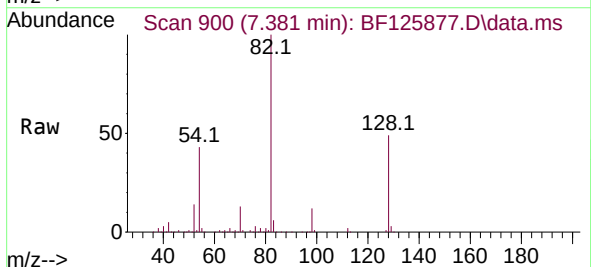
Instrument :
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ClientSampleId :
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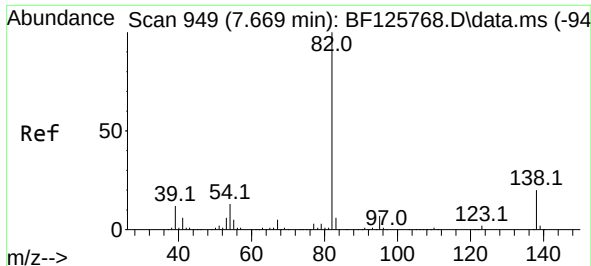
Tgt Ion:	136	Resp:	637236
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 52.330 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#

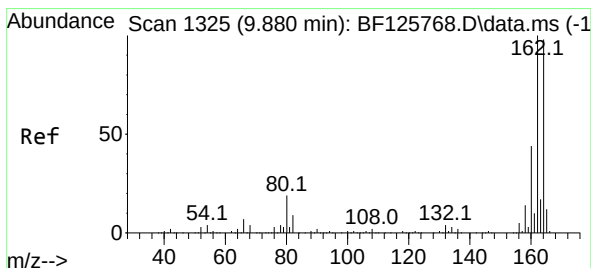
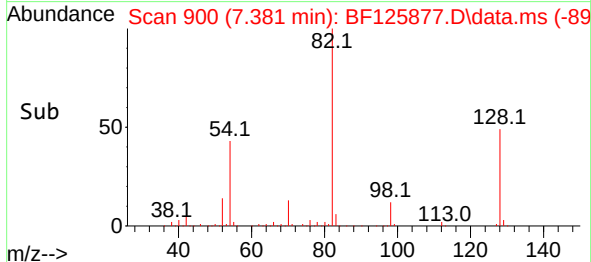
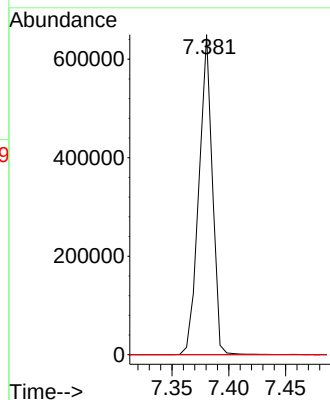
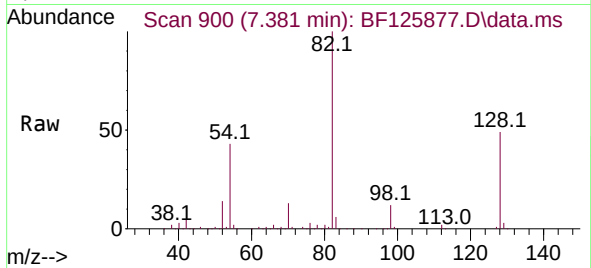




#25
Isophorone
Concen: 29.410 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

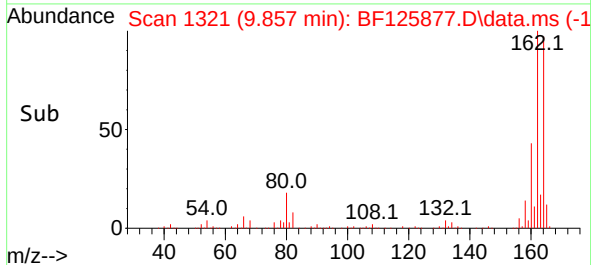
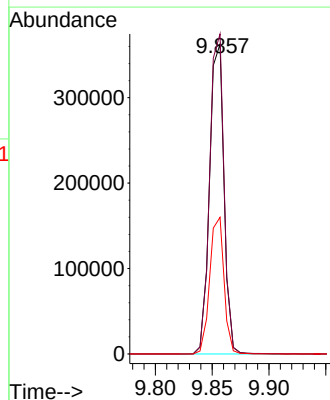
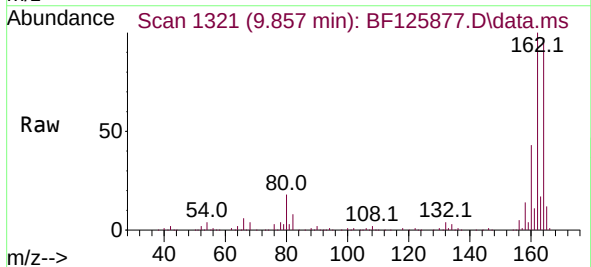
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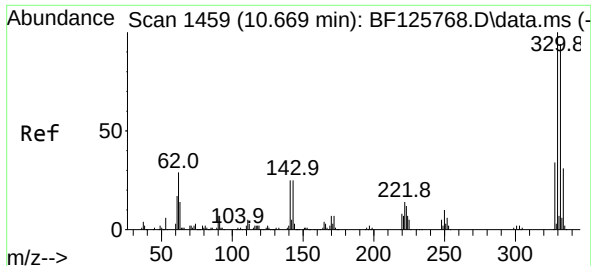
Tgt Ion: 82 Resp: 534146
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 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

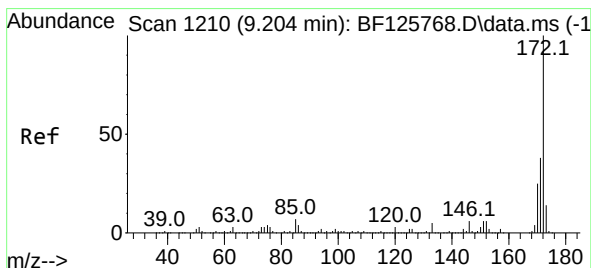
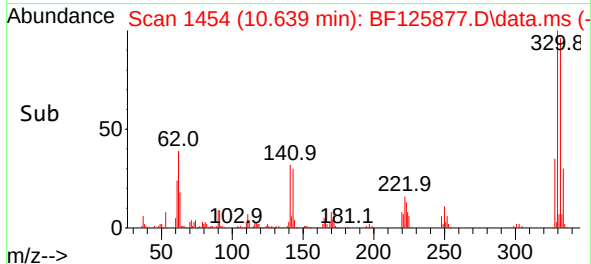
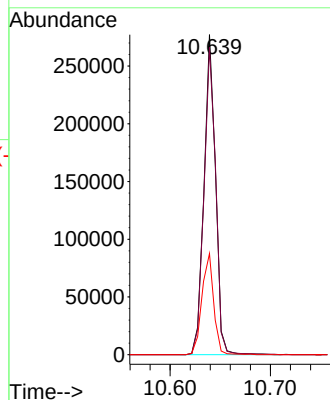
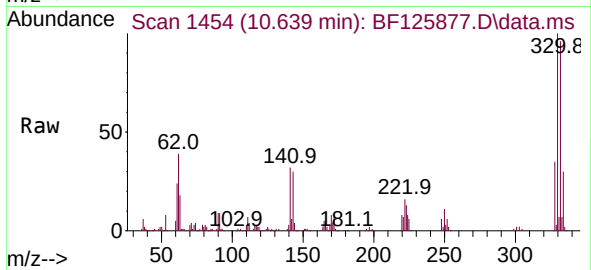




#42
2,4,6-Tribromophenol
Concen: 70.244 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

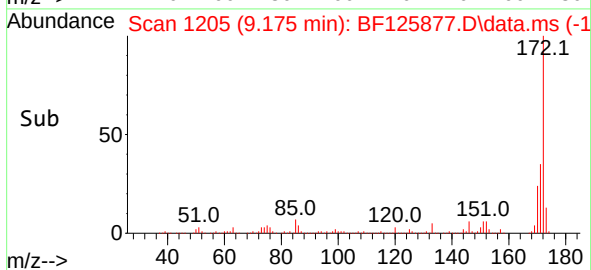
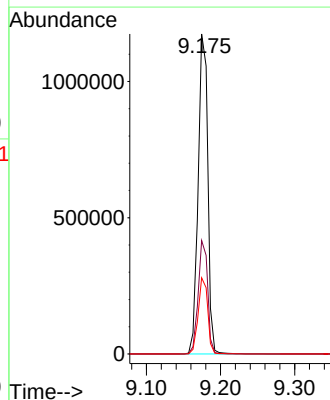
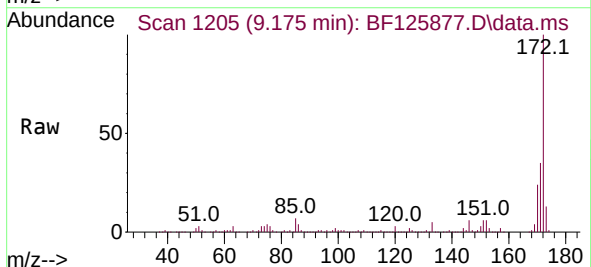
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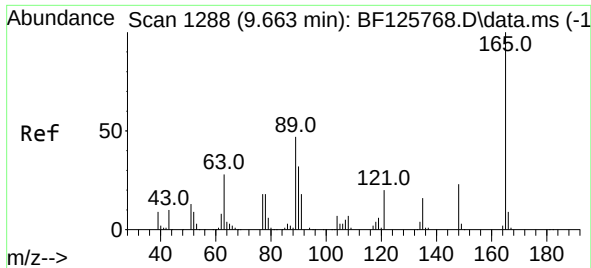
Tgt Ion: 330 Resp: 222140
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.067 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

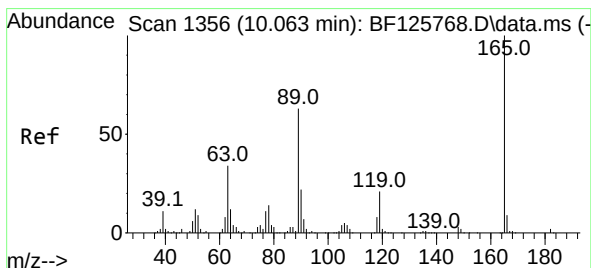
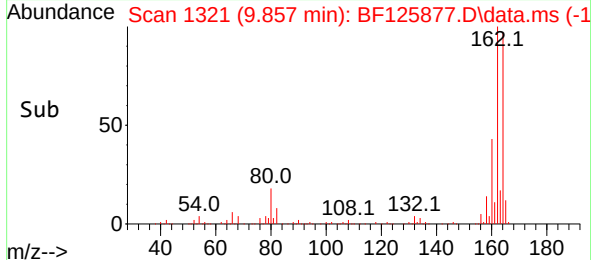
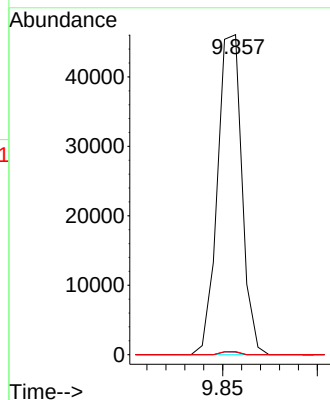
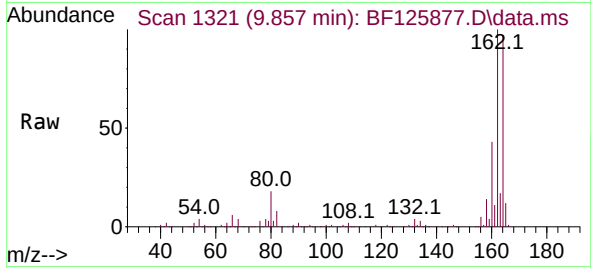




#51
2,6-Dinitrotoluene
Concen: 9.713 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

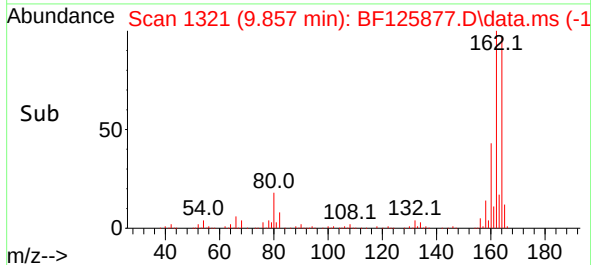
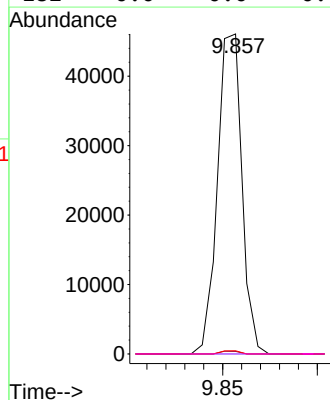
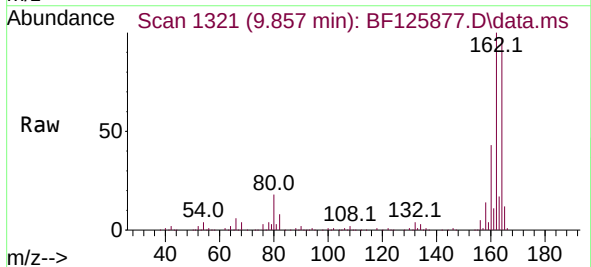
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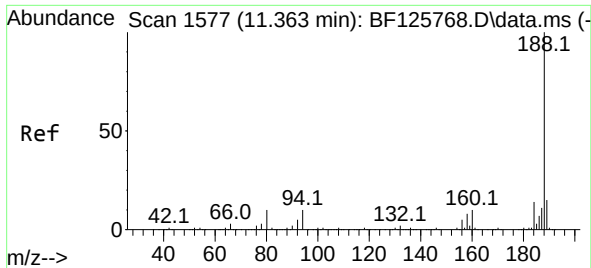
Tgt Ion:165 Resp: 41398
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.682 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:165 Resp: 41398
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

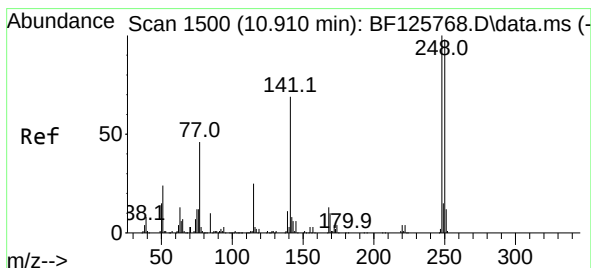
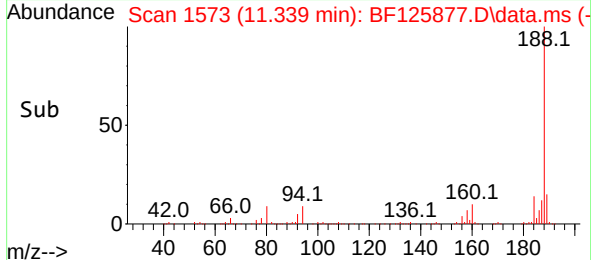
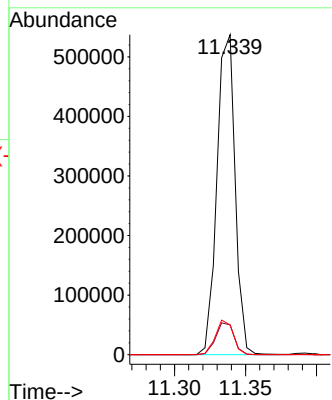
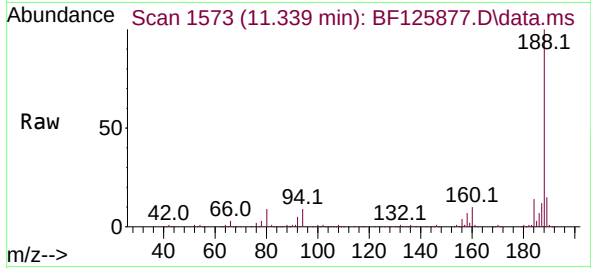




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

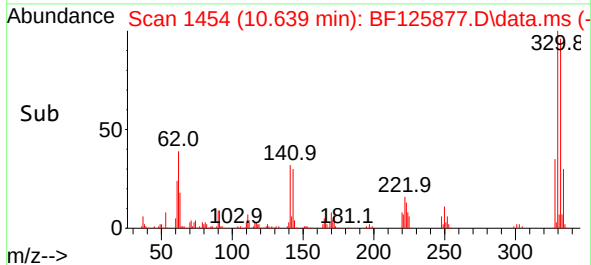
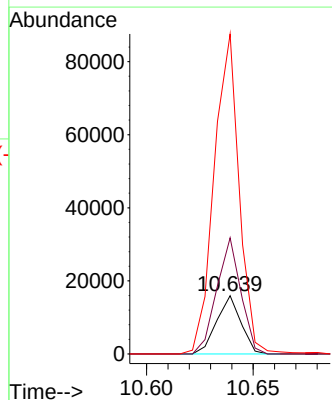
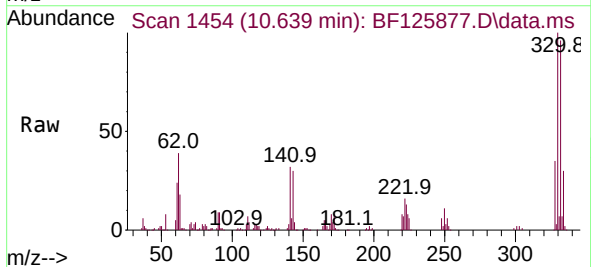
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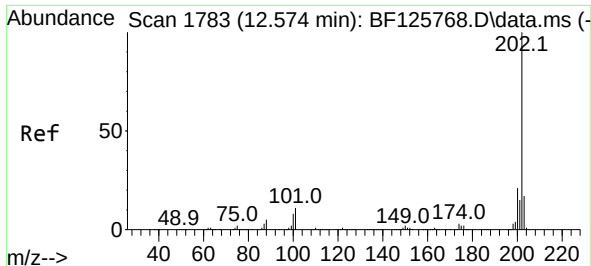
Tgt Ion:188 Resp: 477392
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.389 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:248 Resp: 12633
Ion Ratio Lower Upper
248 100
250 199.3 74.2 111.4#
141 549.3 60.4 90.6#

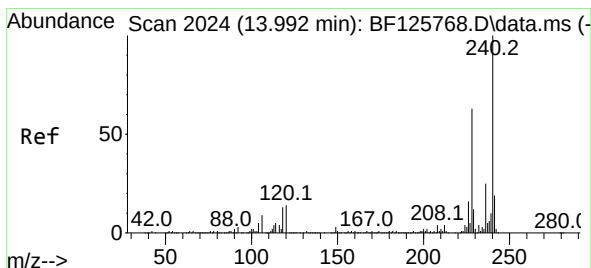
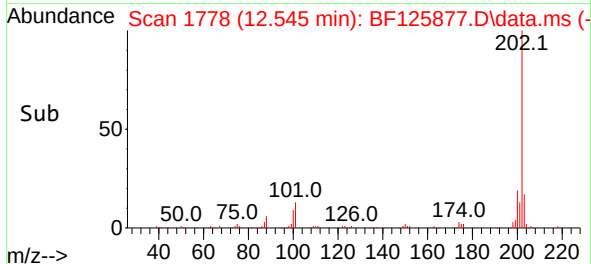
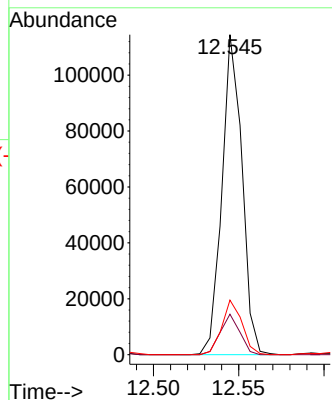
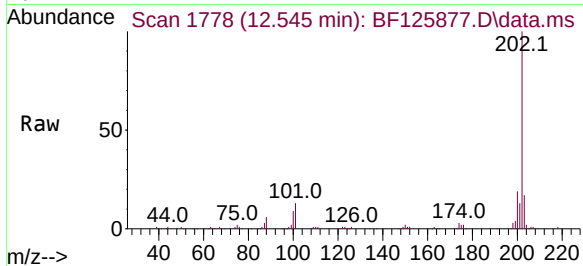




#75
Fluoranthene
Concen: 4.063 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

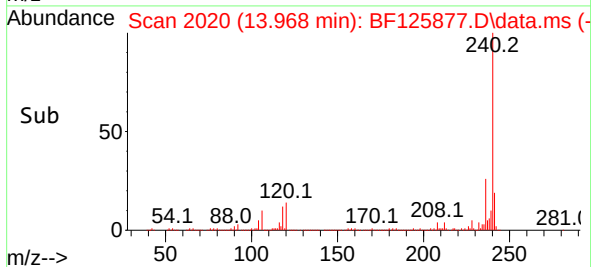
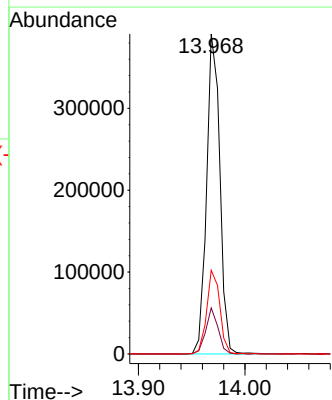
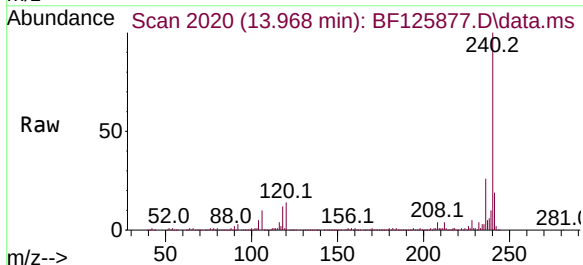
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

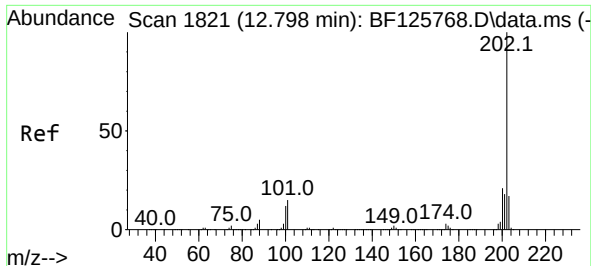
Tgt Ion:202 Resp: 93636
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.7
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

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

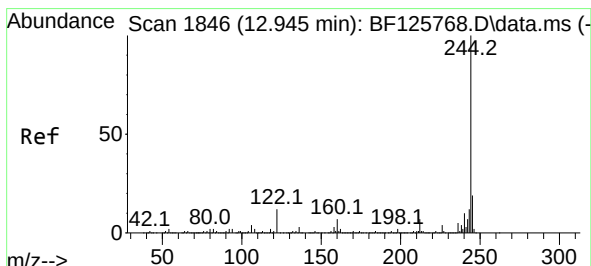
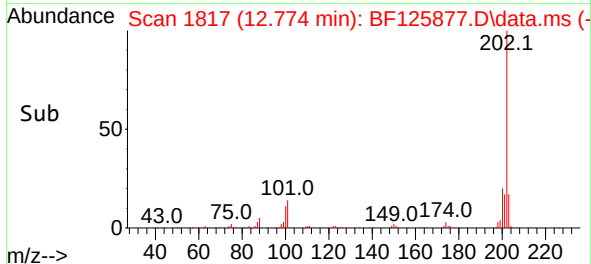
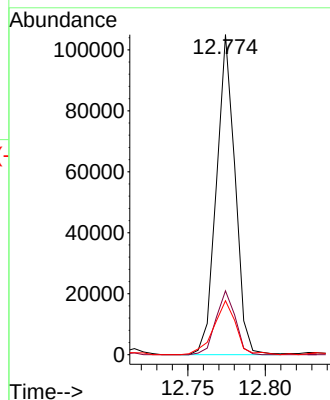
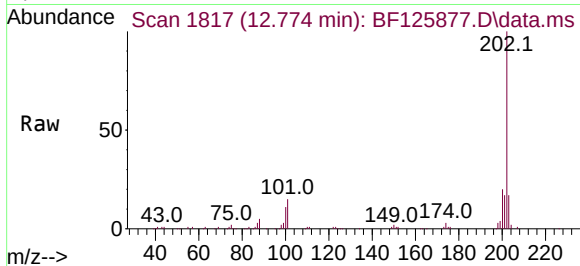




#78
Pyrene
Concen: 2.547 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

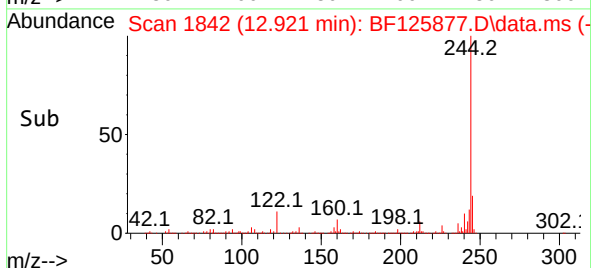
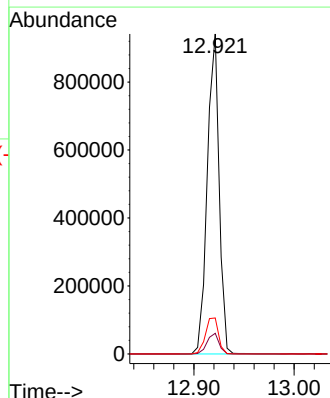
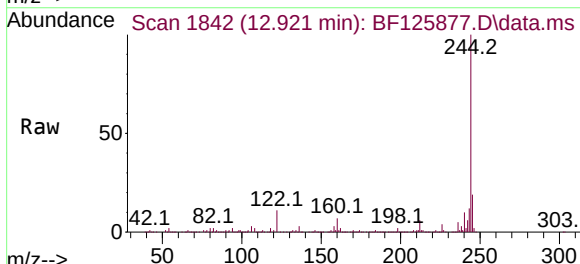
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

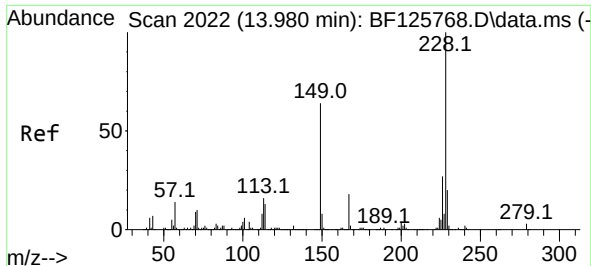
Tgt Ion:202	Resp:	87786
Ion Ratio	Lower	Upper
202	100	
200	20.0	15.3 22.9
203	16.9	13.4 20.0



#79
Terphenyl-d14
Concen: 34.854 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

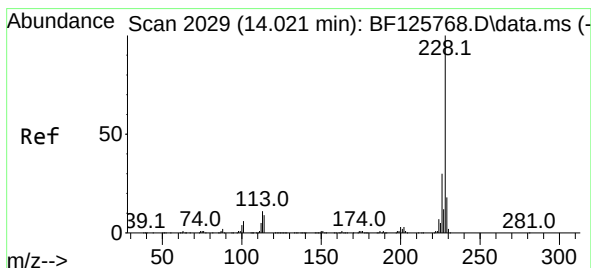
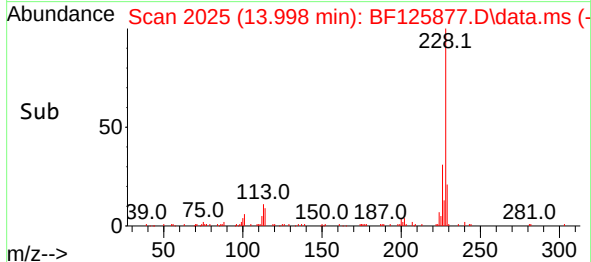
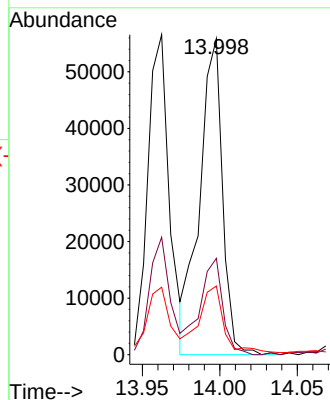
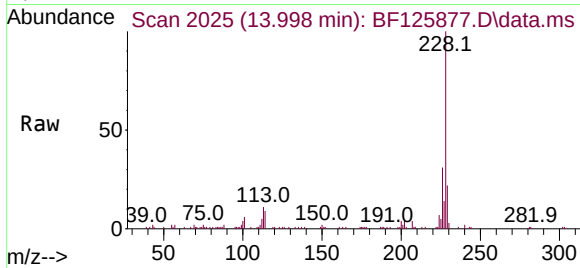




#81
Benzo(a)anthracene
Concen: 2.615 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.035 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

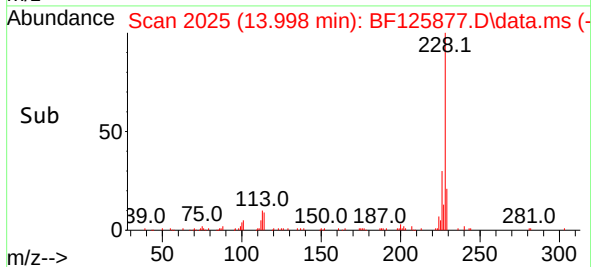
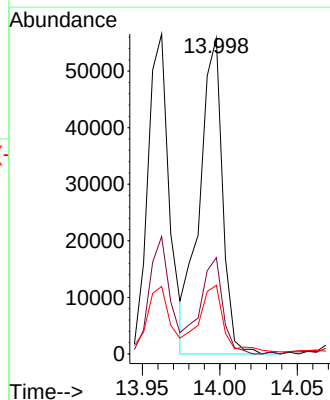
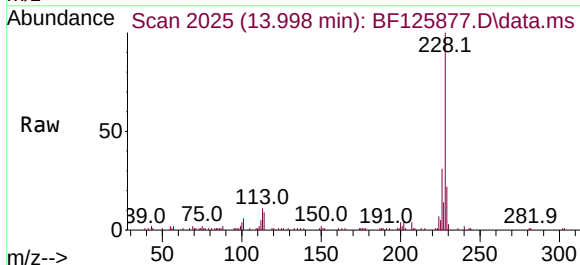
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

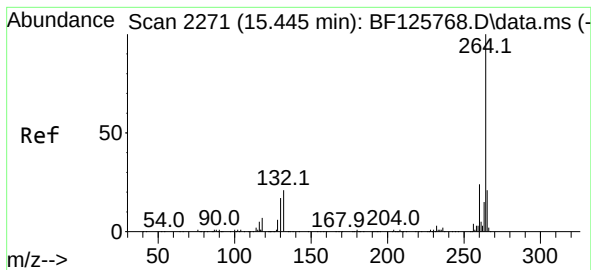
Tgt Ion:228 Resp: 57556
Ion Ratio Lower Upper
228 100
226 30.5 21.6 32.4
229 21.7 15.6 23.4



#83
Chrysene
Concen: 2.645 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

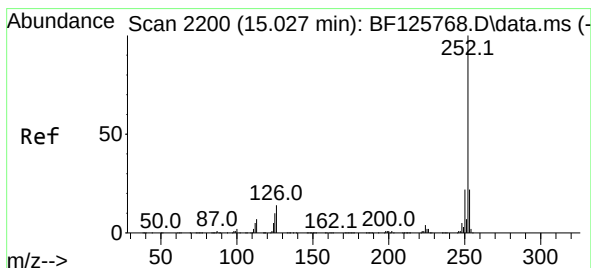
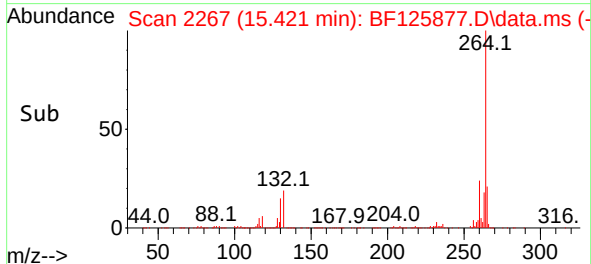
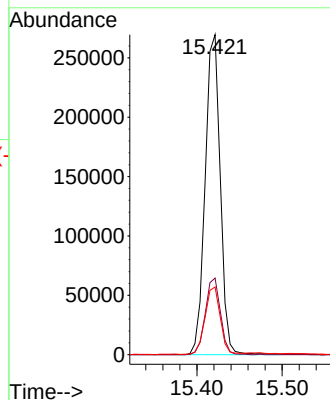
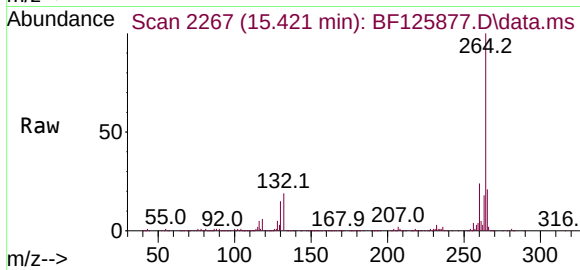




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

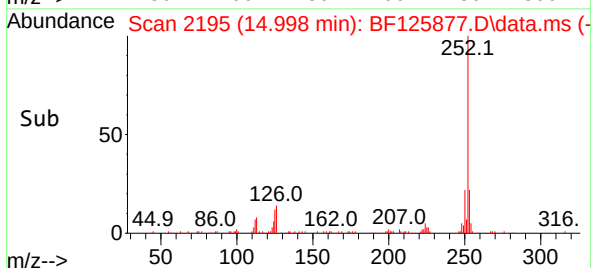
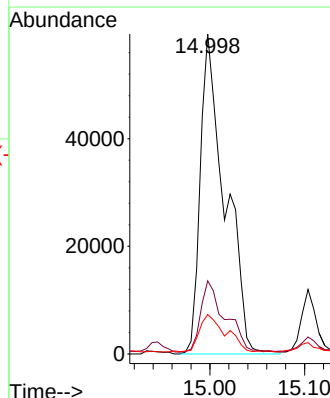
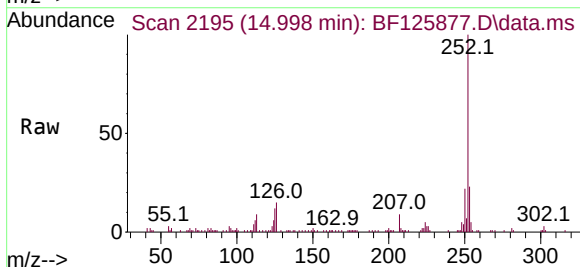
Instrument :
BNA_F
ClientSampleId :
TEST-BB-(1)

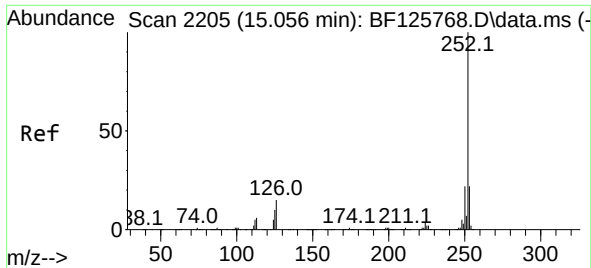
Tgt Ion:264	Resp:	332219
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	21.1	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 5.777 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

Tgt Ion:252	Resp:	108357
Ion Ratio	Lower	Upper
252	100	
253	22.8	16.8 25.2
125	12.3	9.8 14.8

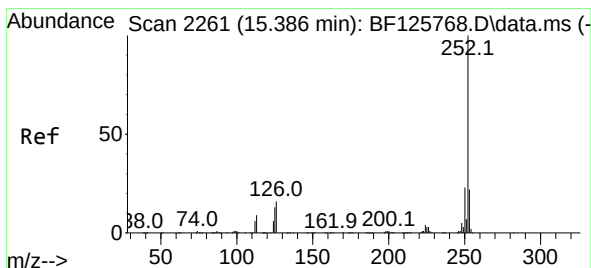
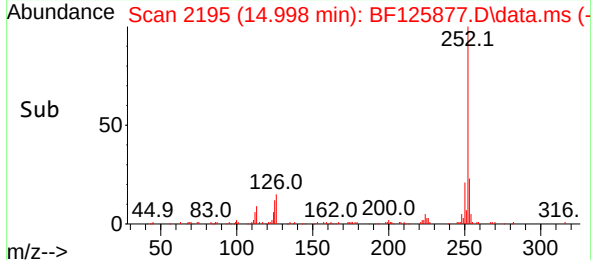
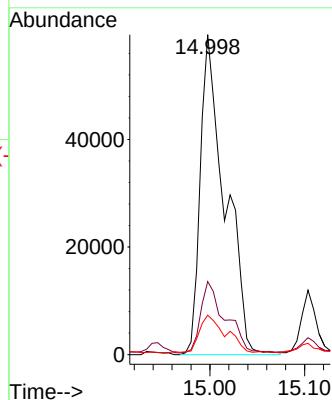
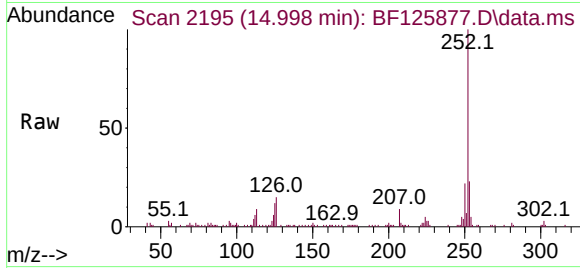




#89
Benzo(k)fluoranthene
Concen: 5.627 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF125877.D
Acq: 18 Oct 2021 15:09

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

Tgt Ion:252 Resp: 108357
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.3 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 3.161 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

