

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125880.D
 Acq On : 18 Oct 2021 16:44
 Operator : JU/CG
 Sample : M4252-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 19 09:07:34 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)

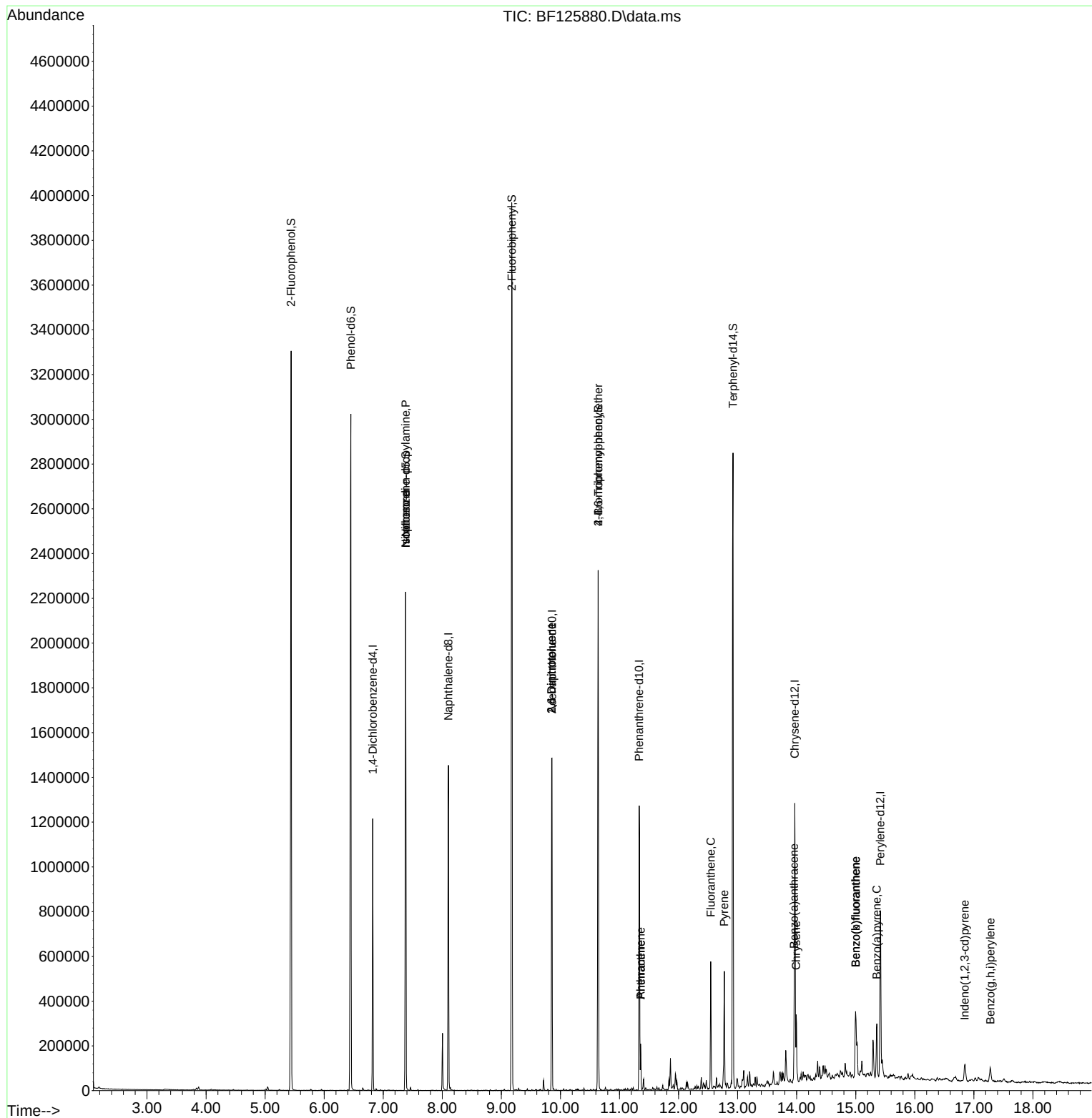
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164988	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	670010	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	330961	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	465400	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	347673	20.000	ng	0.00
86) Perylene-d12	15.415	264	317113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1001598	99.173	ng	0.00
7) Phenol-d6	6.451	99	1204548	92.647	ng	0.00
23) Nitrobenzene-d5	7.381	82	712212	66.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	282795	86.545	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1307281	68.130	ng	0.00
79) Terphenyl-d14	12.921	244	930798	40.781	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	89323	13.014	ng	# 49
25) Isophorone	7.381	82	709762	37.168	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	42351	9.617	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	42351	7.606	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	16433	3.188	ng	# 1
71) Phenanthrene	11.357	178	72509	2.912	ng	99
72) Anthracene	11.357	178	72509	2.915	ng	98
75) Fluoranthene	12.545	202	202894	9.030	ng	96
78) Pyrene	12.774	202	190994	5.407	ng	98
81) Benzo(a)anthracene	13.957	228	115451	5.118	ng	93
83) Chrysene	13.992	228	117126	5.253	ng	98
87) Indeno(1,2,3-cd)pyrene	16.845	276	49959	2.064	ng	97
88) Benzo(b)fluoranthene	14.998	252	212436	11.866	ng	97
89) Benzo(k)fluoranthene	14.998	252	212436	11.557	ng	# 97
90) Benzo(a)pyrene	15.356	252	105055	6.626	ng	99
92) Benzo(g,h,i)perylene	17.280	276	46015	2.257	ng	92

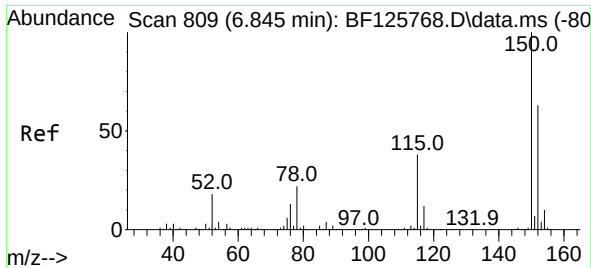
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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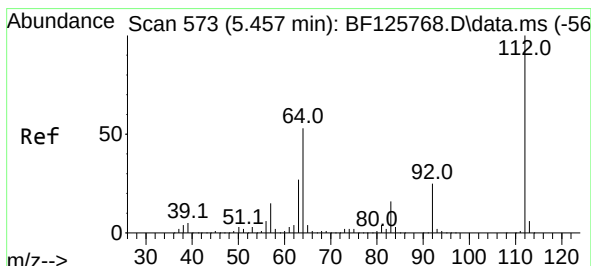
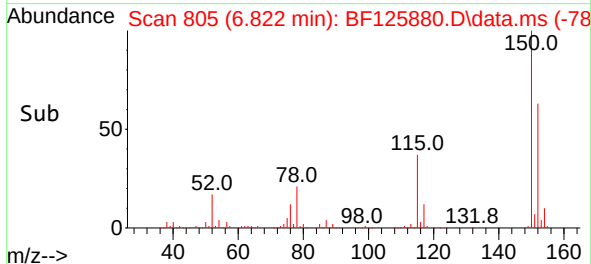
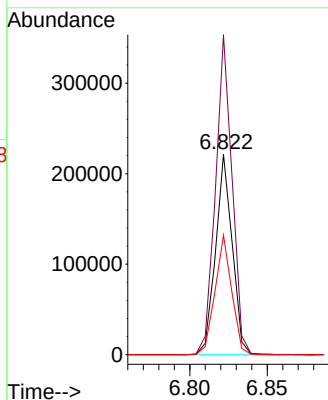
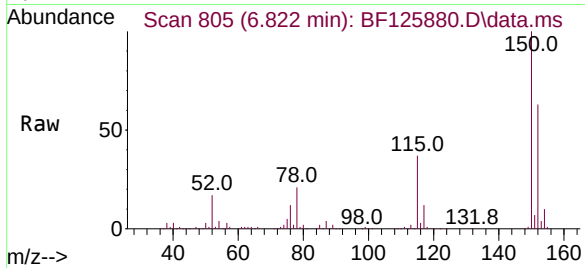




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

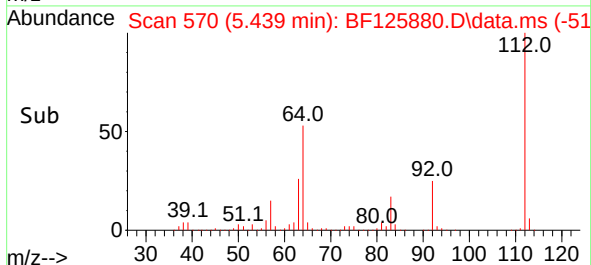
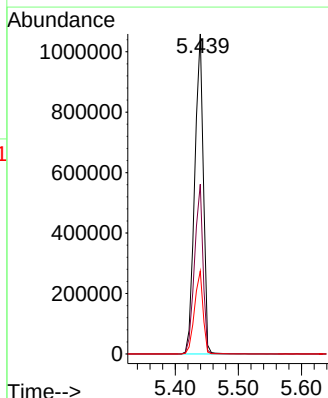
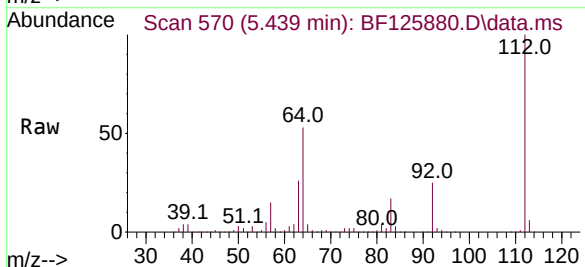
Instrument :
BNA_F
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TEST-BA-(1)

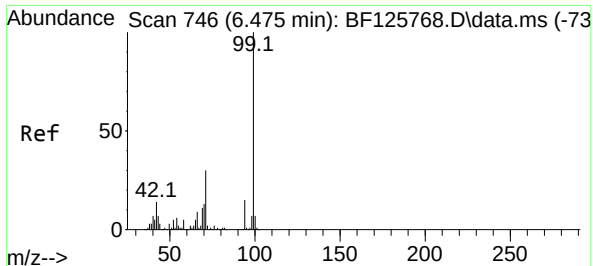
Tgt Ion:152 Resp: 164988
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 99.173 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:112 Resp: 1001598
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 25.9 26.2 39.2#

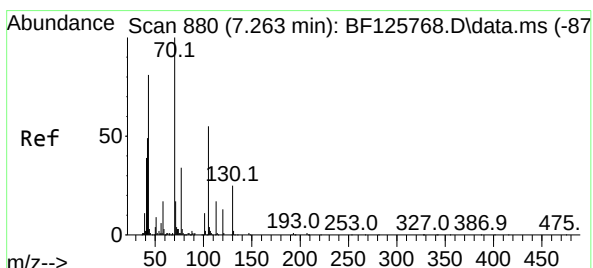
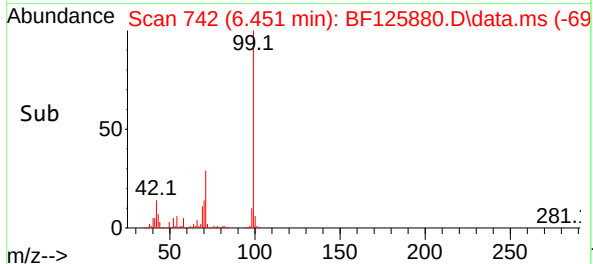
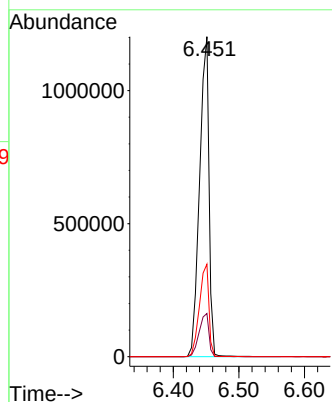
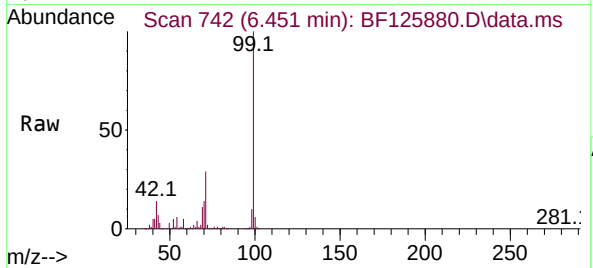




#7
Phenol-d6
Concen: 92.647 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

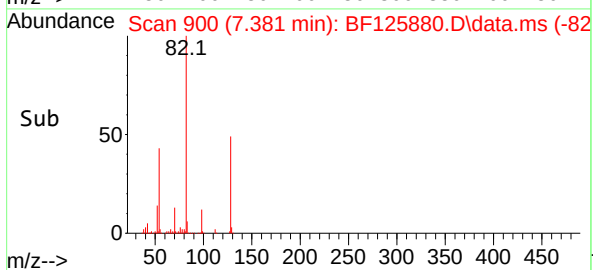
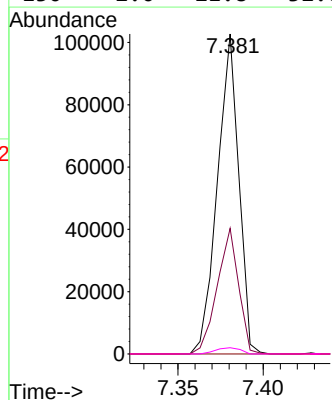
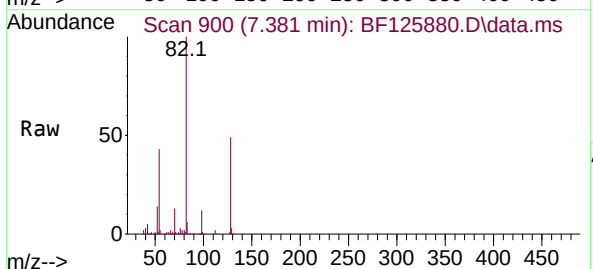
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

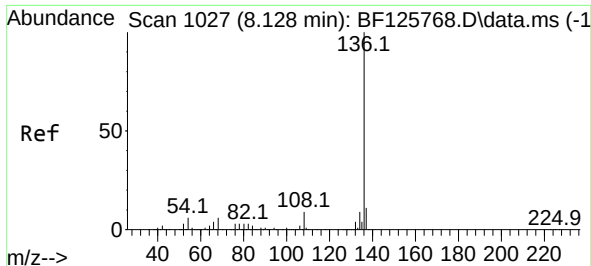
Tgt Ion: 99 Resp: 1204548
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 28.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.014 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 70 Resp: 89323
Ion Ratio Lower Upper
70 100
42 39.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

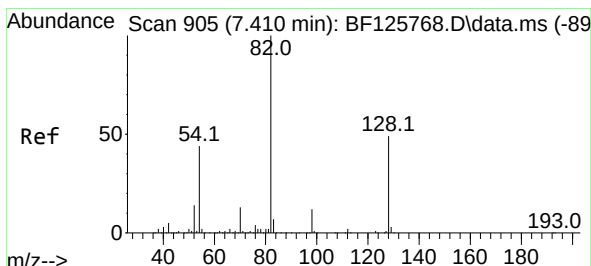
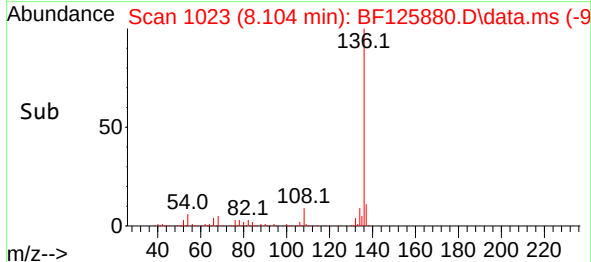
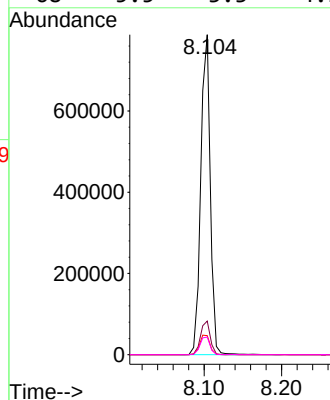
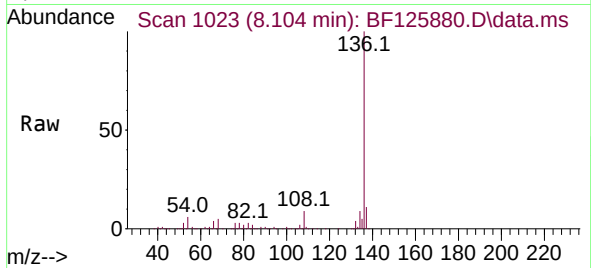




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

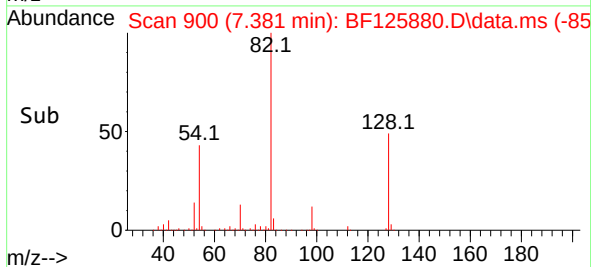
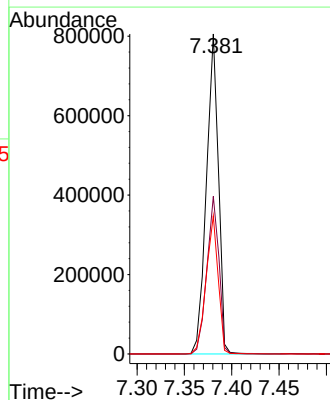
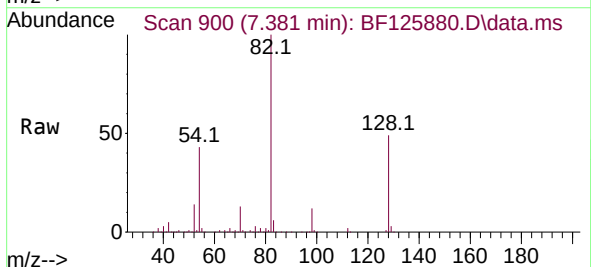
Instrument :
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ClientSampleId :
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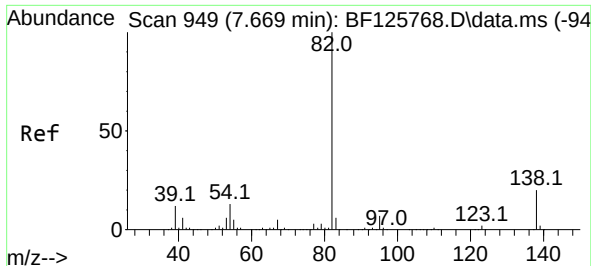
Tgt Ion:	136	Resp:	670010
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	5.9	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 66.075 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	82	Resp:	712212
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.6	60.8
54	43.1	49.6	74.4#

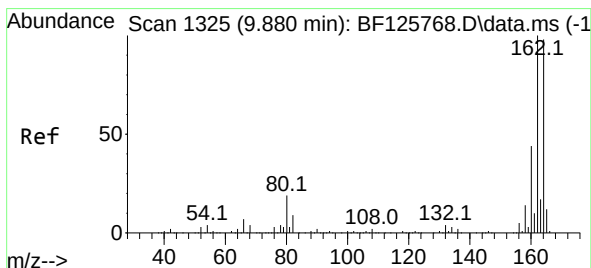
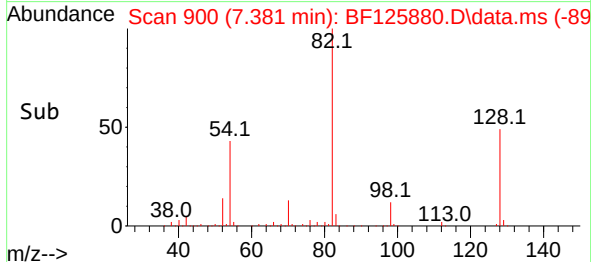
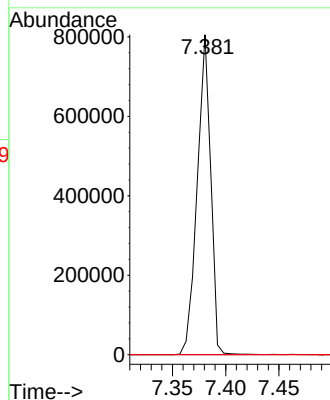
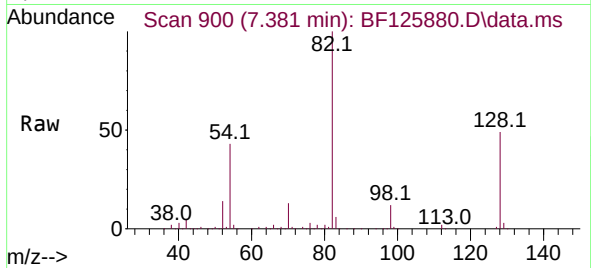




#25
Isophorone
Concen: 37.168 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

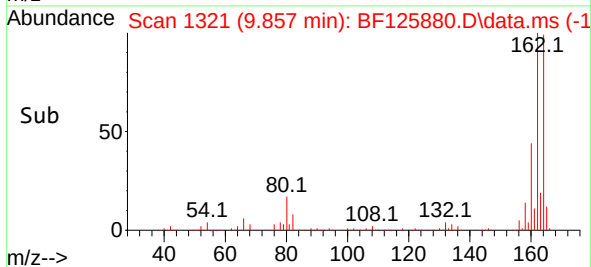
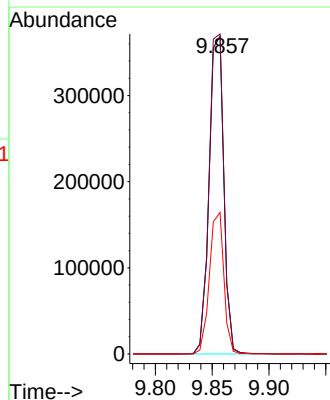
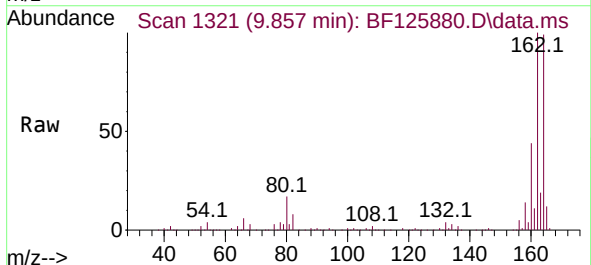
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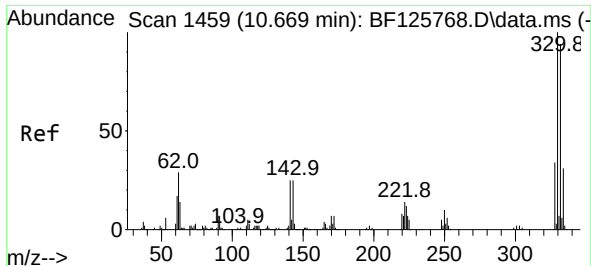
Tgt Ion: 82 Resp: 709762
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 164 Resp: 330961
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.5 38.0 57.0

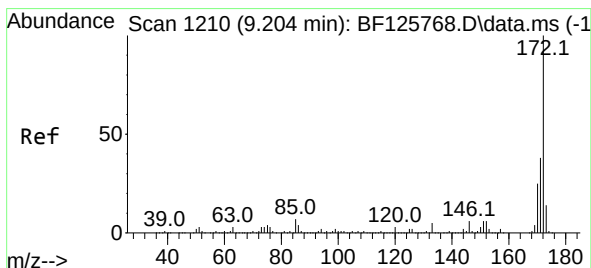
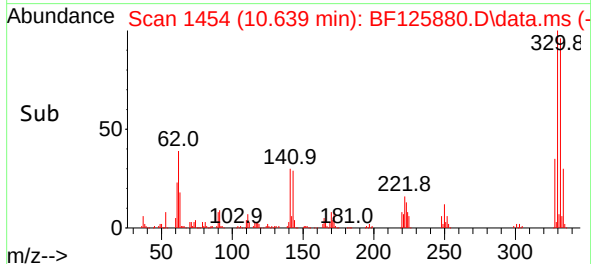
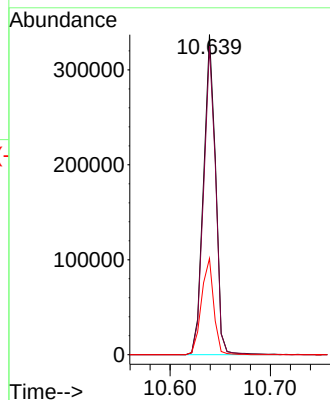
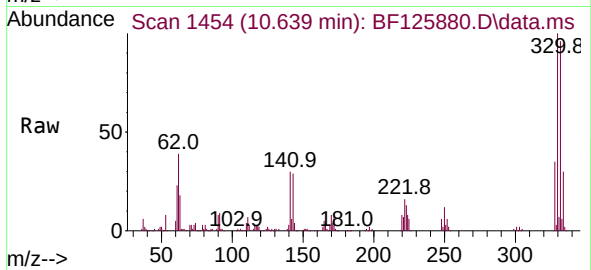




#42
2,4,6-Tribromophenol
Concen: 86.545 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

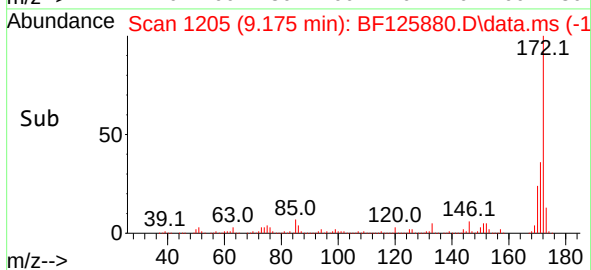
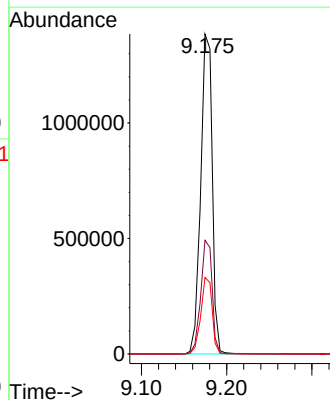
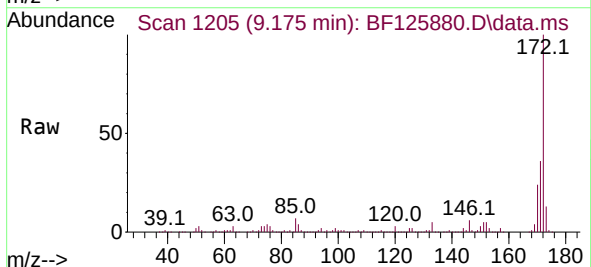
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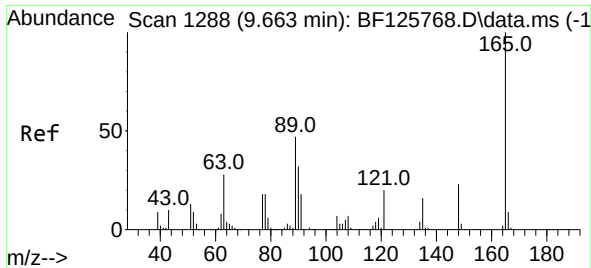
Tgt Ion: 330 Resp: 282795
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.130 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion: 172 Resp: 1307281
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.9 18.8 28.2

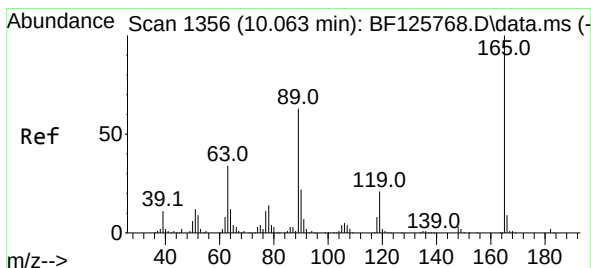
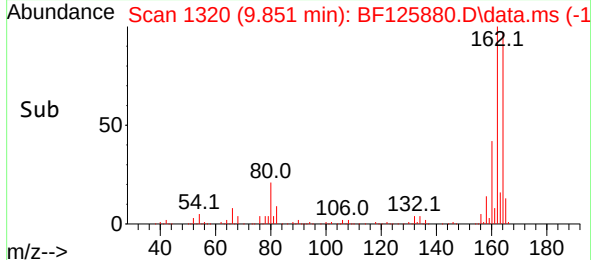
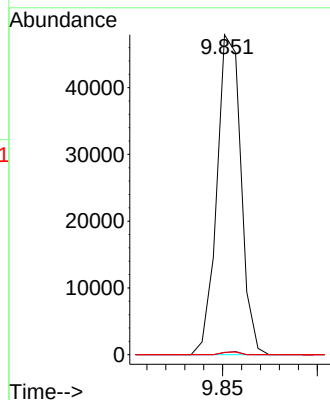
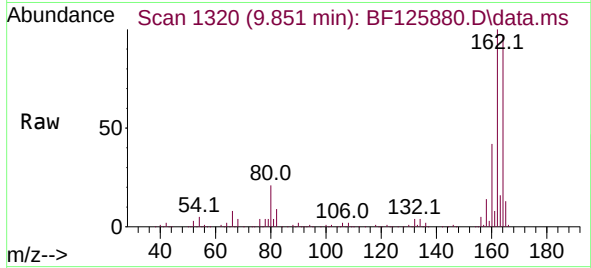




#51
2,6-Dinitrotoluene
Concen: 9.617 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

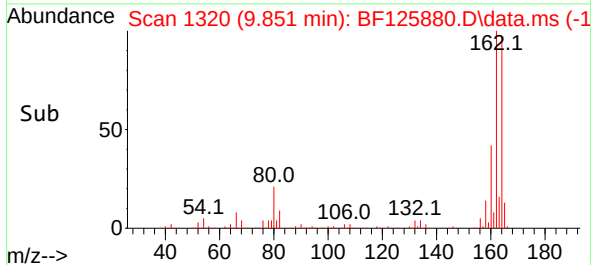
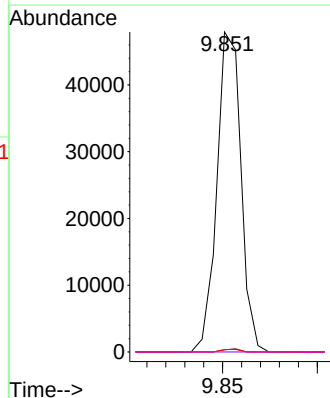
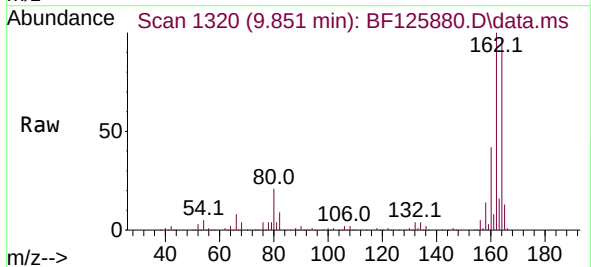
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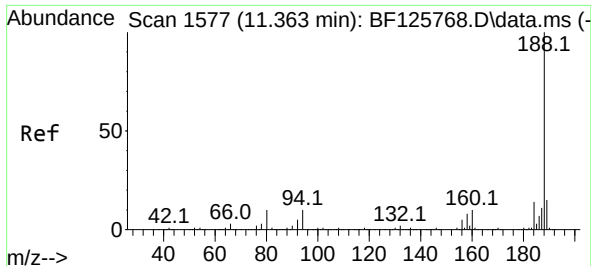
Tgt Ion:165 Resp: 42351
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.606 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.194 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:165 Resp: 42351
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

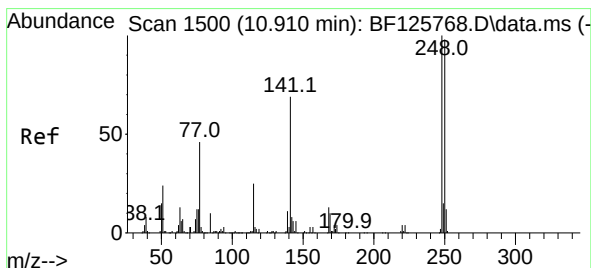
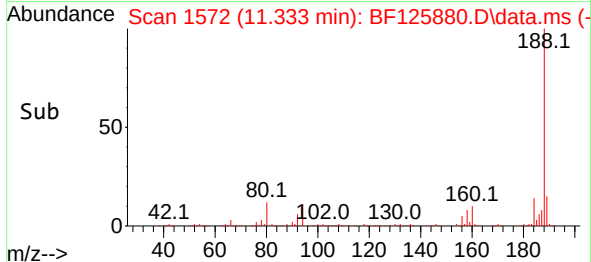
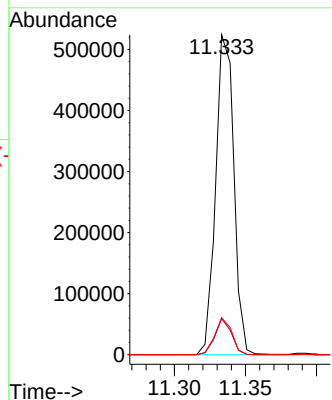
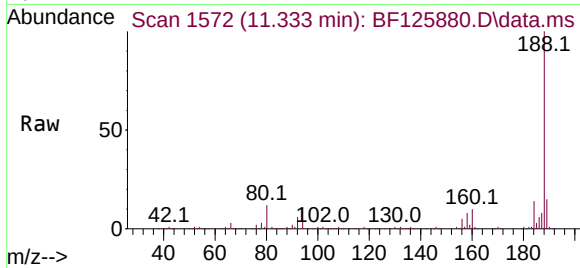




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

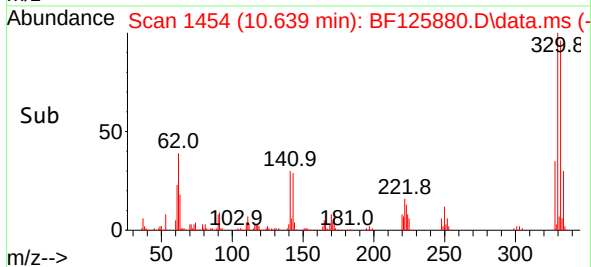
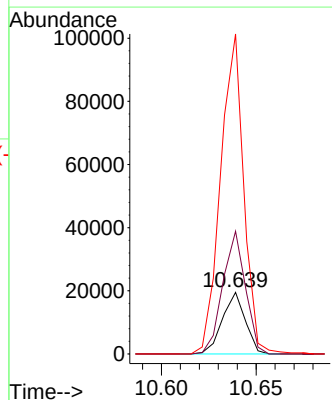
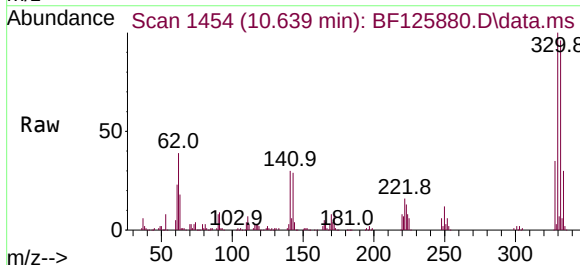
Instrument :
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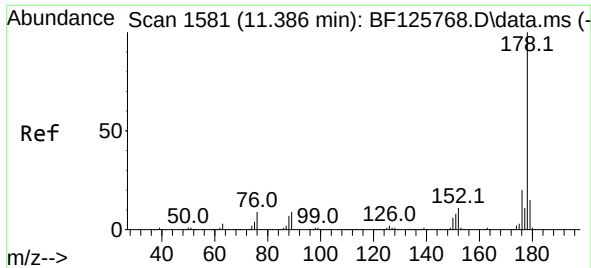
Tgt Ion:188 Resp: 465400
Ion Ratio Lower Upper
188 100
94 11.3 6.7 10.1#
80 11.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:248 Resp: 16433
Ion Ratio Lower Upper
248 100
250 199.2 74.2 111.4#
141 519.4 60.4 90.6#

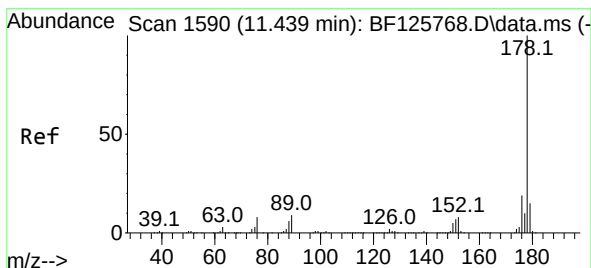
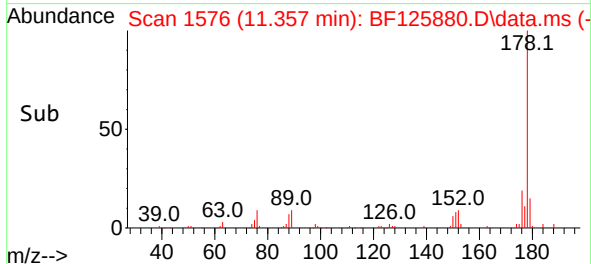
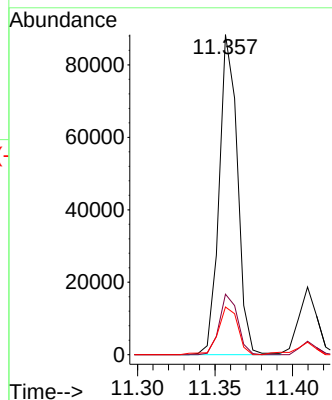
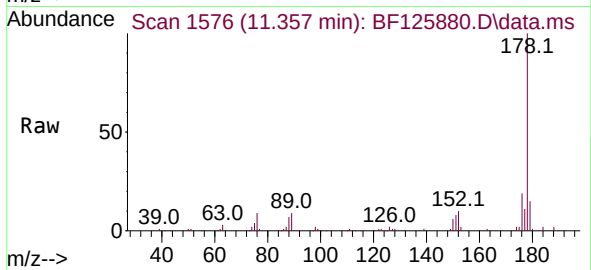




#71
Phenanthrene
Concen: 2.912 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

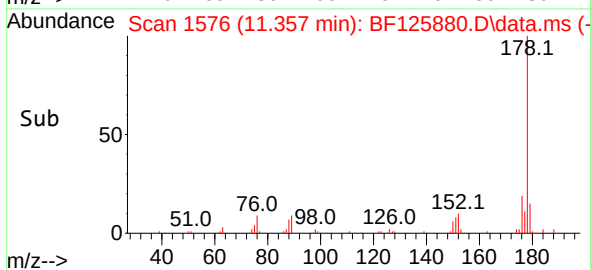
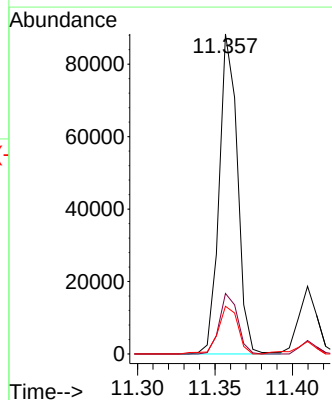
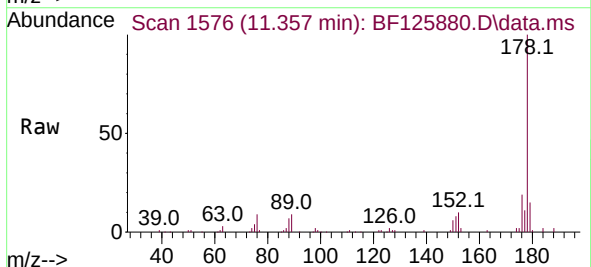
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

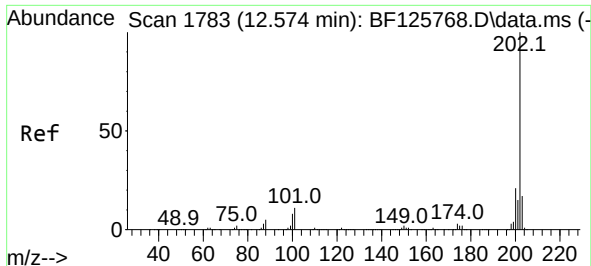
Tgt Ion:178 Resp: 72509
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 14.9 11.5 17.3



#72
Anthracene
Concen: 2.915 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.065 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:178 Resp: 72509
Ion Ratio Lower Upper
178 100
176 18.9 14.3 21.5
179 14.9 12.2 18.4

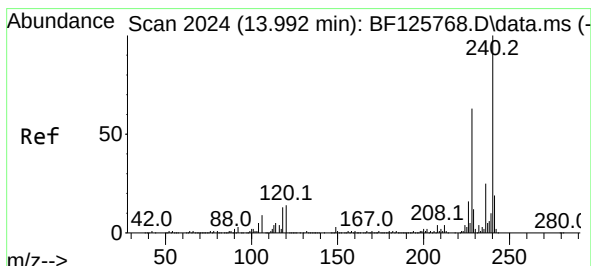
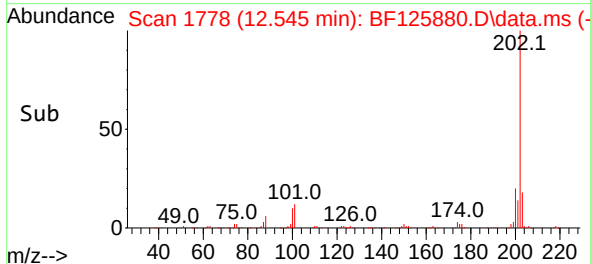
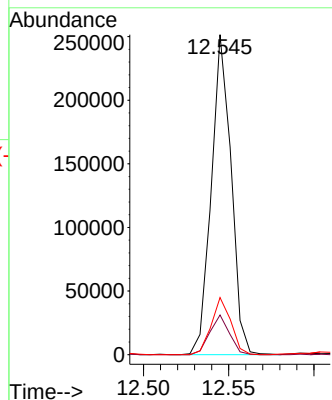
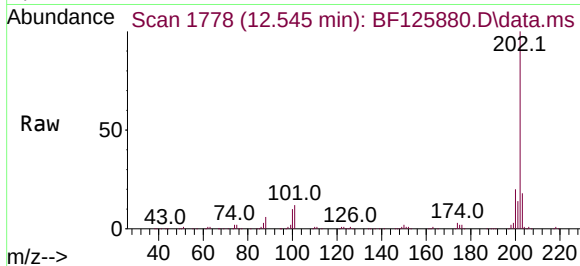




#75
Fluoranthene
Concen: 9.030 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

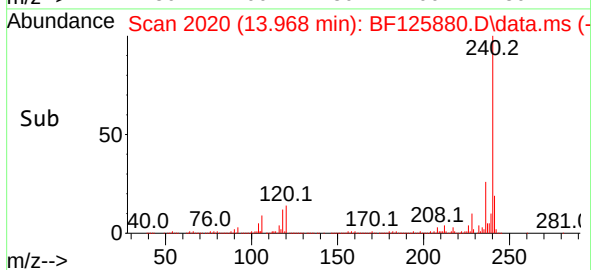
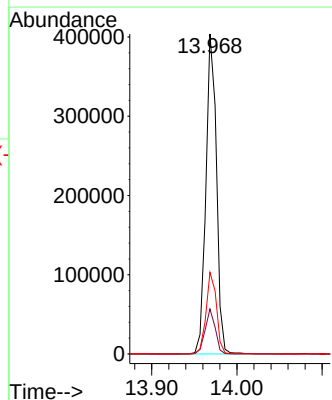
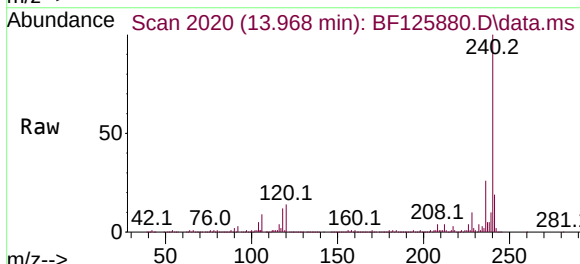
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

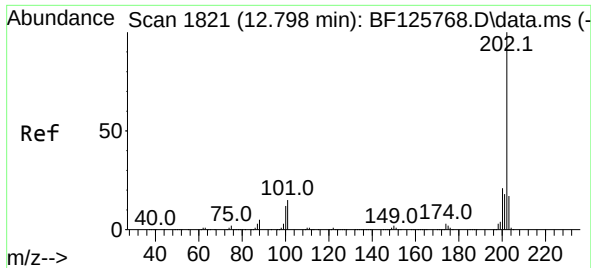
Tgt Ion:202 Resp: 202894
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:240 Resp: 347673
Ion Ratio Lower Upper
240 100
120 14.1 10.8 16.2
236 25.5 21.6 32.4

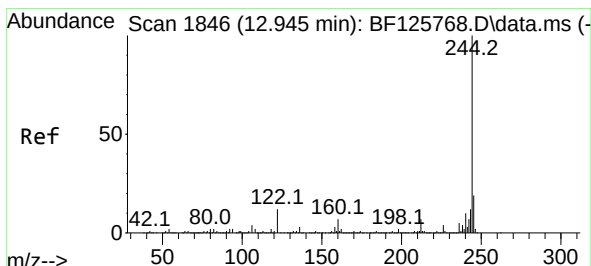
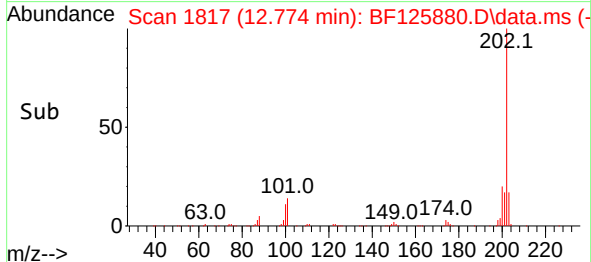
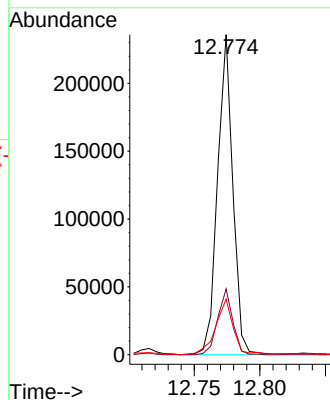
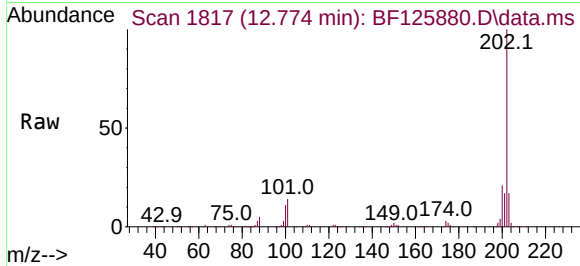




#78
Pyrene
Concen: 5.407 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

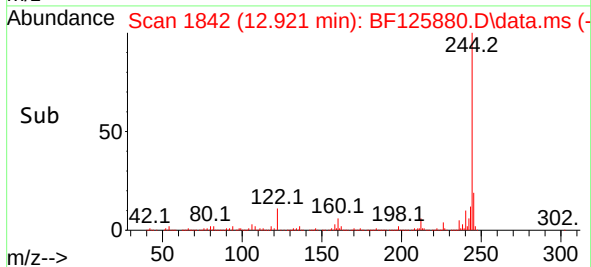
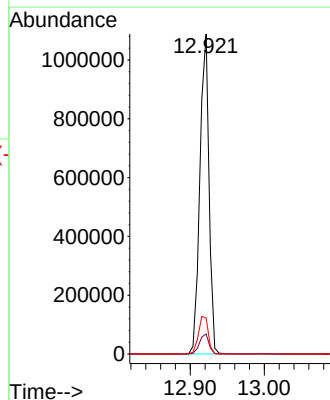
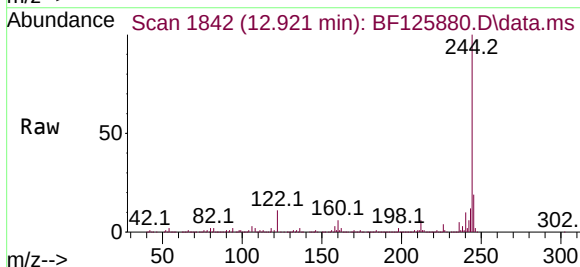
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

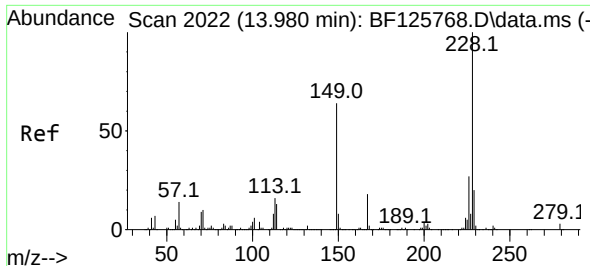
Tgt Ion:	202	Resp:	190994
Ion Ratio	Lower	Upper	
202	100		
200	20.6	15.3	22.9
203	17.3	13.4	20.0



#79
Terphenyl-d14
Concen: 40.781 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:	244	Resp:	930798
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.9	8.9
122	11.2	9.0	13.4

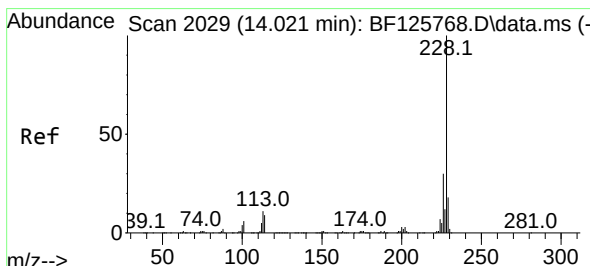
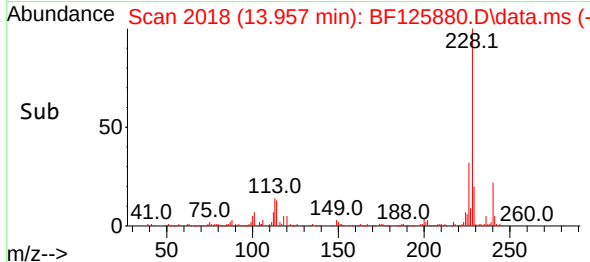
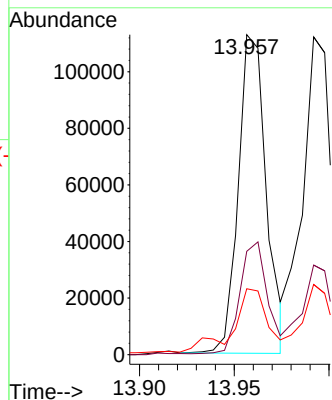
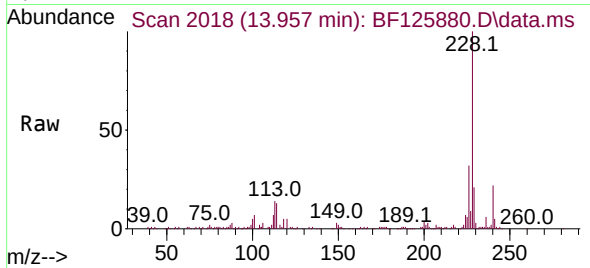




#81
Benzo(a)anthracene
Concen: 5.118 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

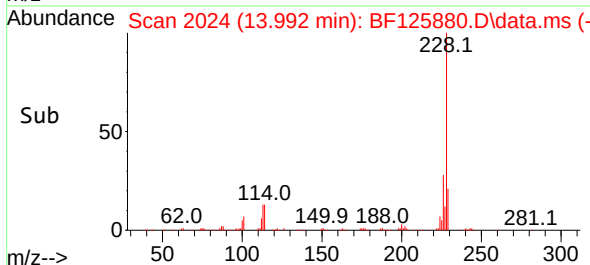
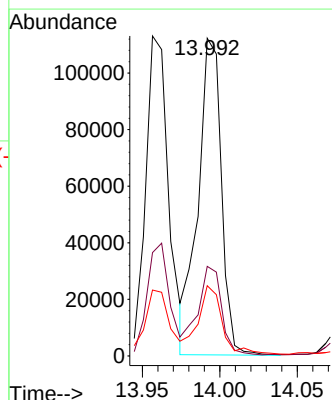
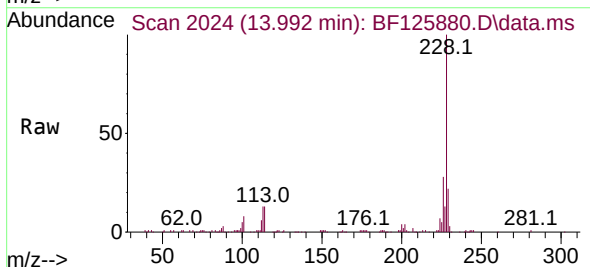
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

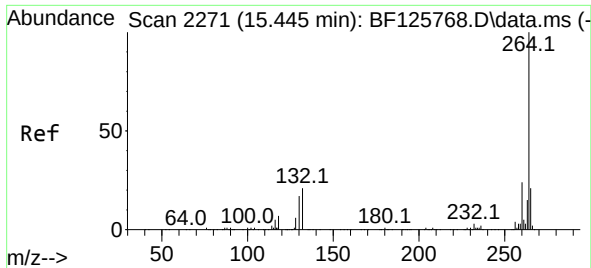
Tgt Ion:228 Resp: 115451
Ion Ratio Lower Upper
228 100
226 32.3 21.6 32.4
229 20.6 15.6 23.4



#83
Chrysene
Concen: 5.253 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:228 Resp: 117126
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 22.1 15.9 23.9

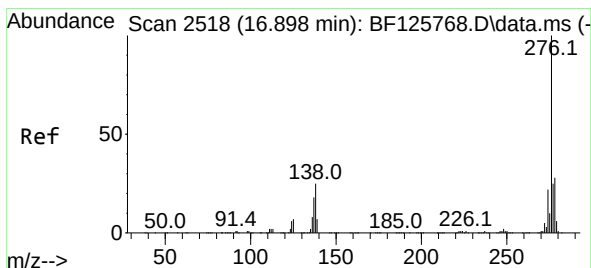
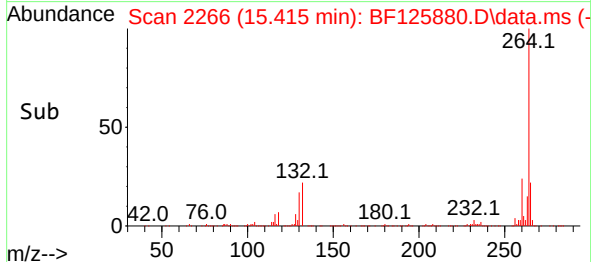
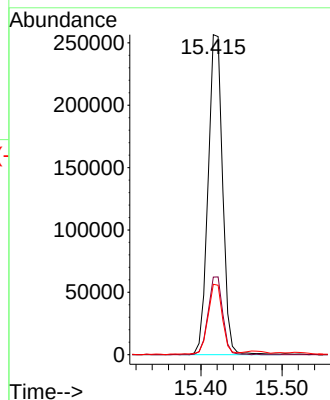
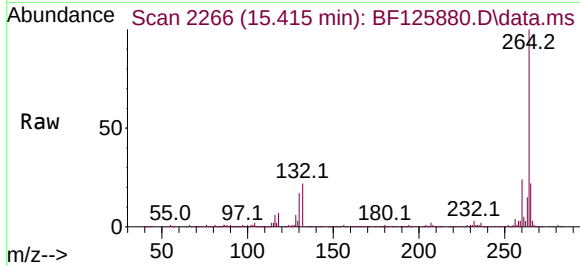




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

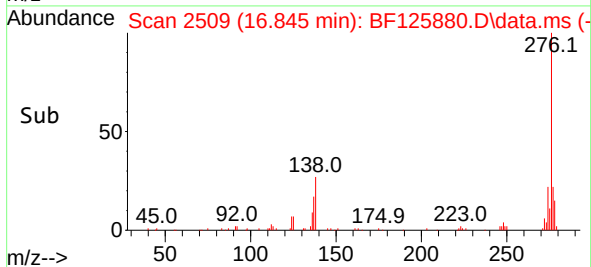
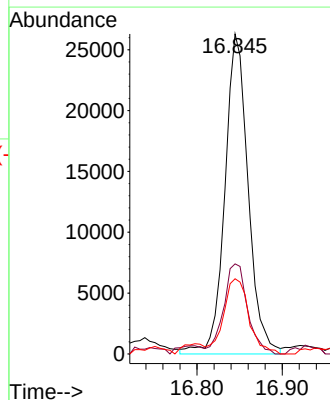
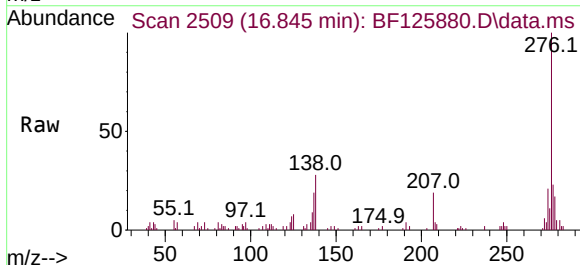
Instrument :
BNA_F
ClientSampleId :
TEST-BA-(1)

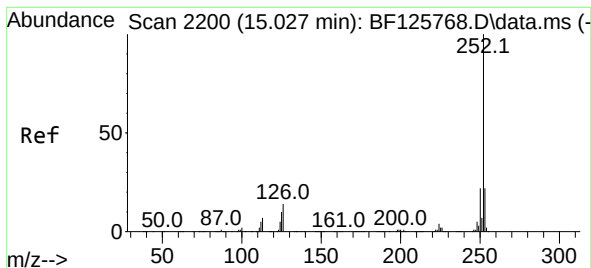
Tgt Ion:264	Resp:	317113
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	22.0	17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.064 ng
RT: 16.845 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:276	Resp:	49959
Ion Ratio	Lower	Upper
276	100	
138	28.8	24.1 36.1
277	25.5	18.8 28.2





#88

Benzo(b)fluoranthene

Concen: 11.866 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF125880.D

Acq: 18 Oct 2021 16:44

Tgt Ion:252 Resp: 212436

Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

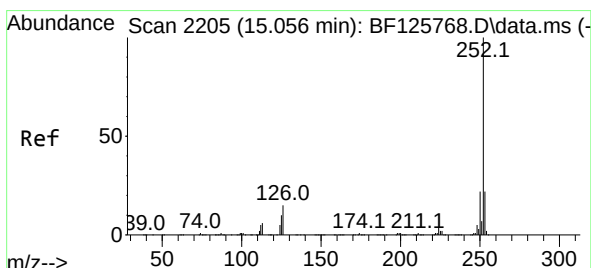
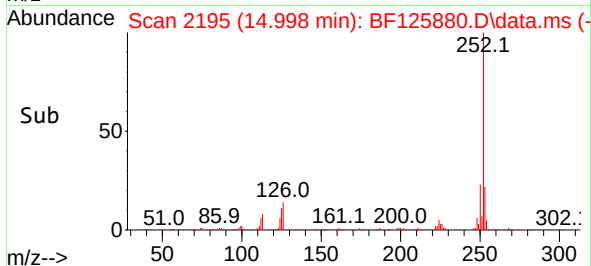
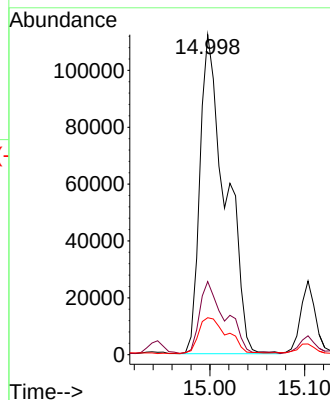
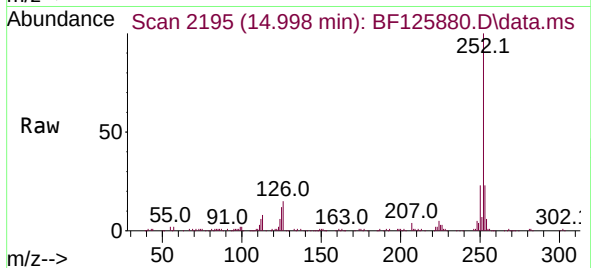
125 11.6 9.8 14.8

Instrument :

BNA_F

ClientSampleId :

TEST-BA-(1)



#89

Benzo(k)fluoranthene

Concen: 11.557 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF125880.D

Acq: 18 Oct 2021 16:44

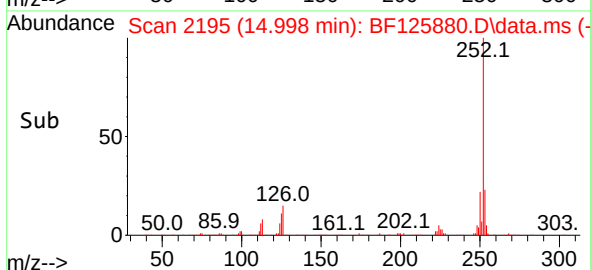
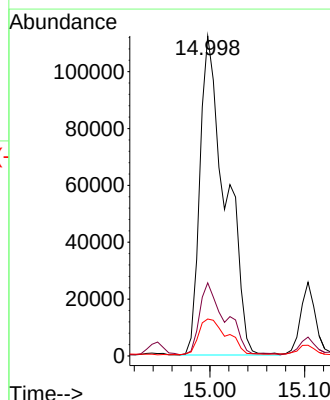
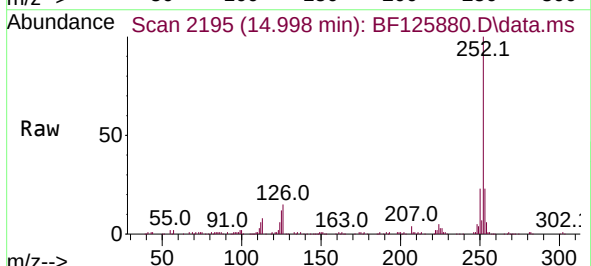
Tgt Ion:252 Resp: 212436

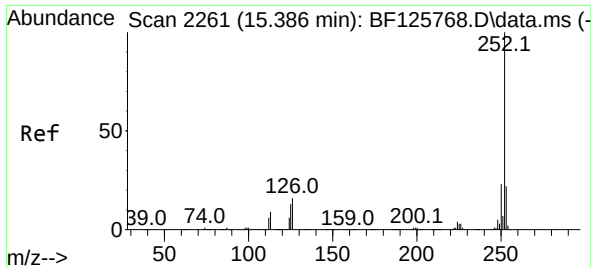
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 11.6 7.2 10.8#

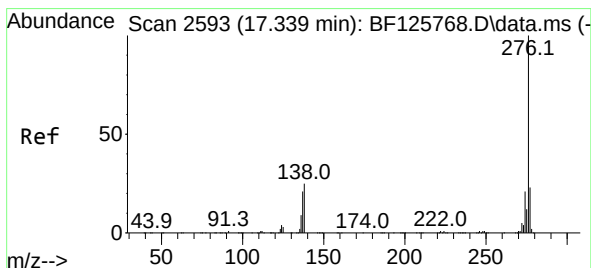
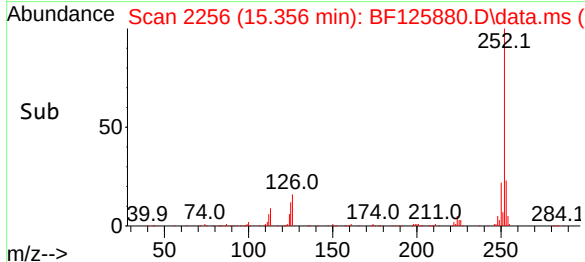
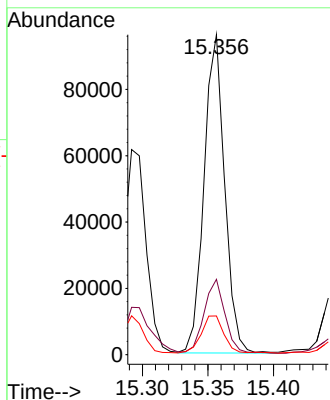
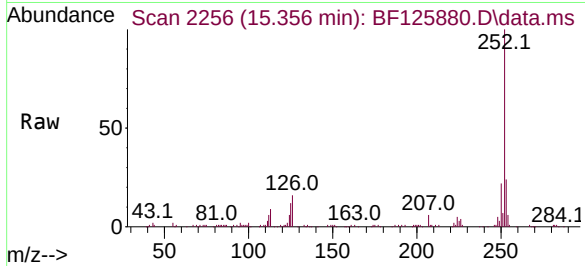




#90
Benzo(a)pyrene
Concen: 6.626 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

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

Tgt Ion:252 Resp: 105055
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 12.1 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 2.257 ng
RT: 17.280 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BF125880.D
Acq: 18 Oct 2021 16:44

Tgt Ion:276 Resp: 46015
Ion Ratio Lower Upper
276 100
277 22.1 22.0 33.0
138 24.4 22.2 33.4

