

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125889.D
 Acq On : 18 Oct 2021 21:29
 Operator : JU/CG
 Sample : M4259-04 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-BS

Quant Time: Oct 19 09:09:04 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)

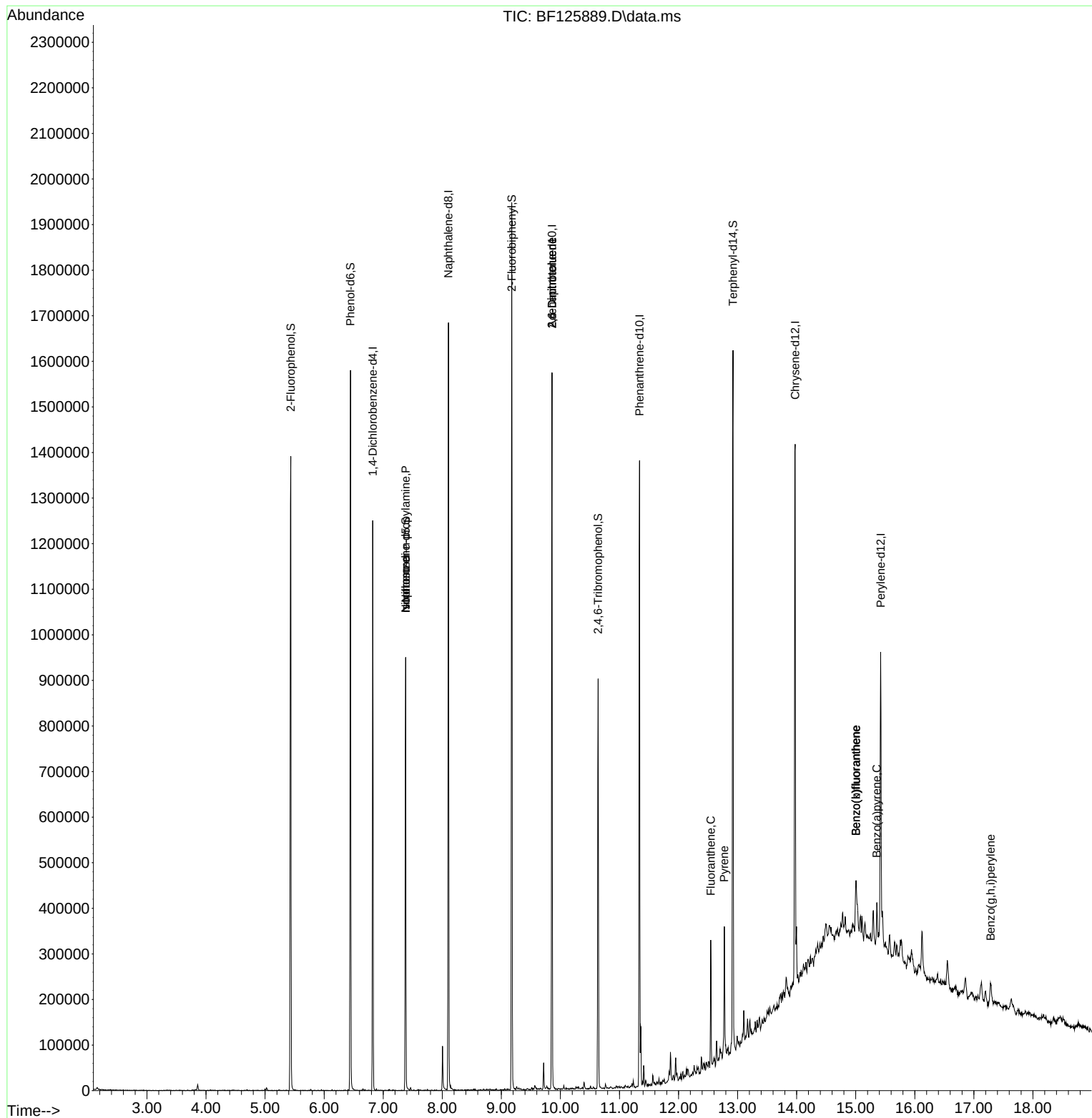
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	177958	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	700570	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	314468	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	486579	20.000	ng	0.00
76) Chrysene-d12	13.974	240	411420	20.000	ng	0.00
86) Perylene-d12	15.421	264	275102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	433389	39.784	ng	0.00
7) Phenol-d6	6.445	99	512143	36.520	ng	-0.01
23) Nitrobenzene-d5	7.381	82	283789	25.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	106501	34.302	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	556293	30.512	ng	0.00
79) Terphenyl-d14	12.922	244	508673	18.833	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	33804	4.566	ng	# 51
25) Isophorone	7.381	82	282061	14.126	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	39836	9.520	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	39836	7.530	ng	# 19
75) Fluoranthene	12.545	202	101820	4.334	ng	94
78) Pyrene	12.774	202	103927	2.486	ng	98
88) Benzo(b)fluoranthene	15.004	252	73929	4.760	ng	# 84
89) Benzo(k)fluoranthene	15.004	252	73929	4.636	ng	# 83
90) Benzo(a)pyrene	15.357	252	41530	3.019	ng	# 94
92) Benzo(g,h,i)perylene	17.286	276	41442	2.343	ng	95

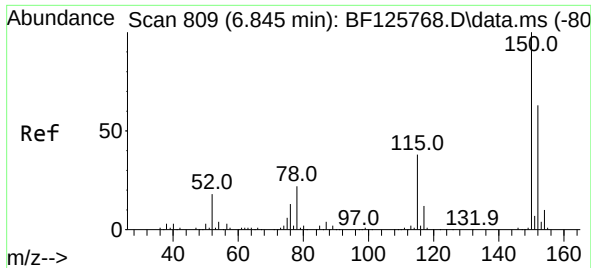
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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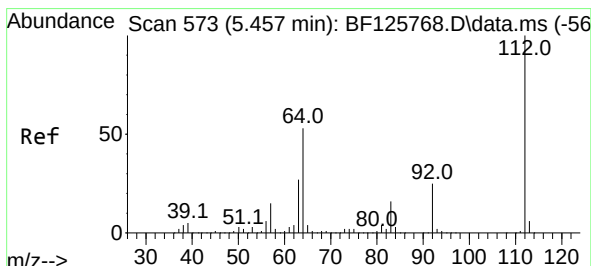
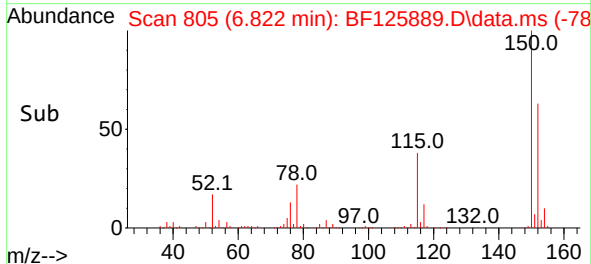
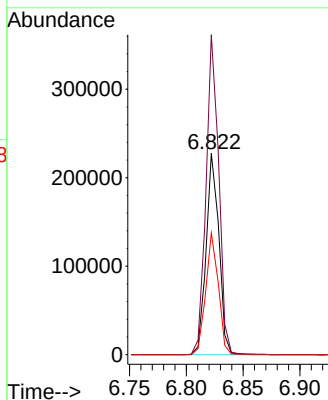
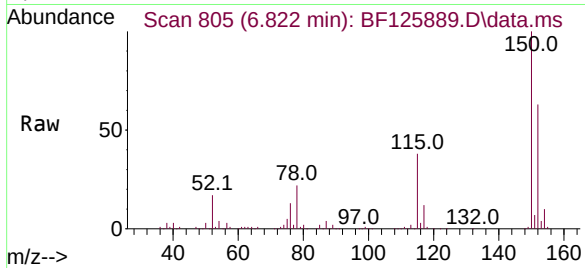




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

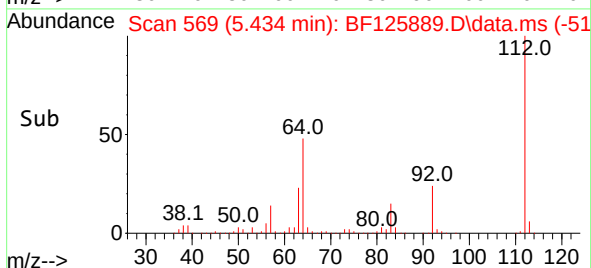
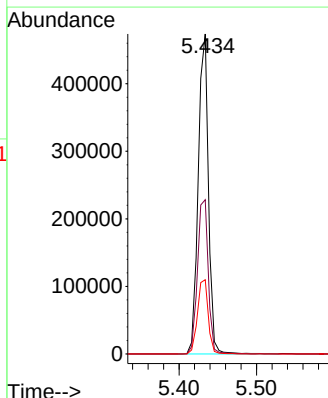
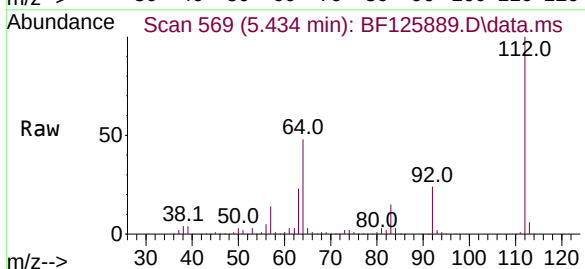
Instrument :
BNA_F
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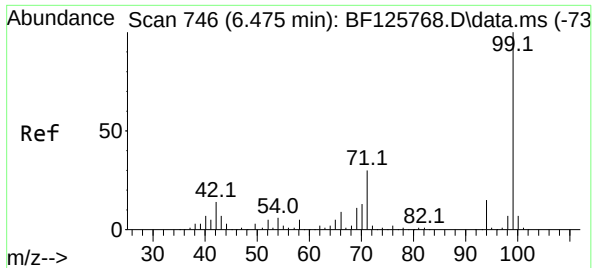
Tgt Ion:152 Resp: 177958
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 39.784 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:112 Resp: 433389
Ion Ratio Lower Upper
112 100
64 48.2 44.2 66.2
63 23.2 26.2 39.2#

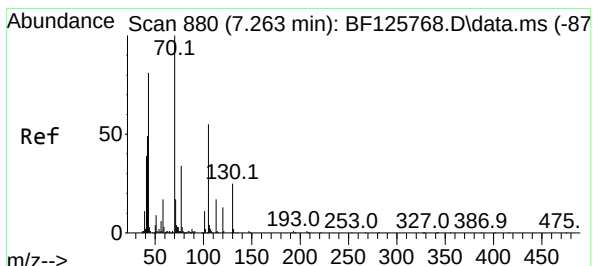
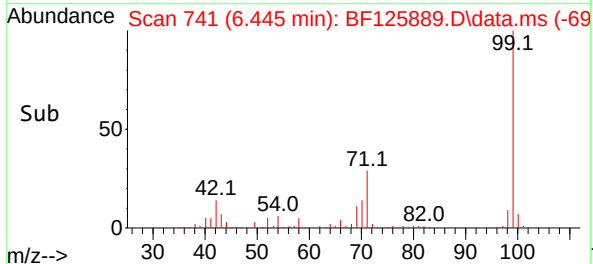
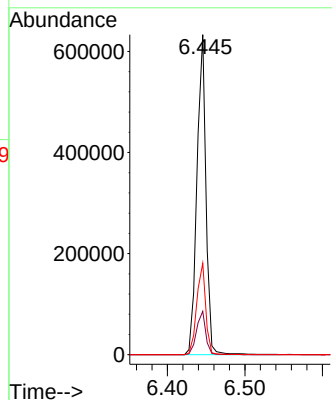
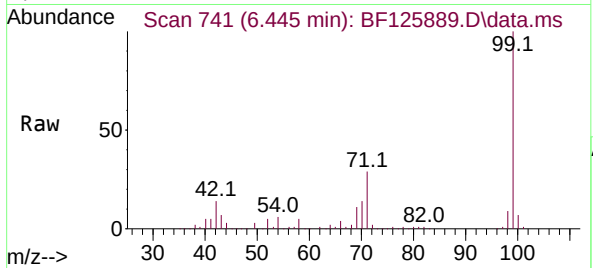




#7
Phenol-d6
Concen: 36.520 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

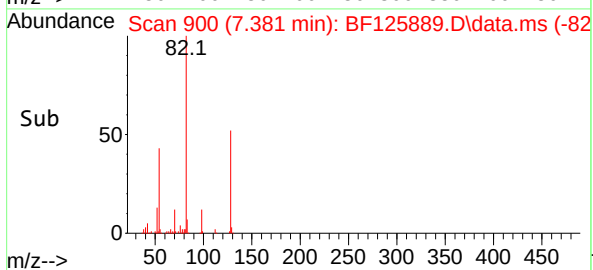
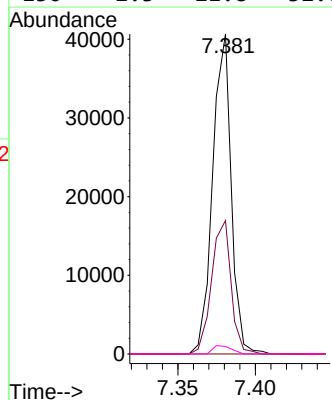
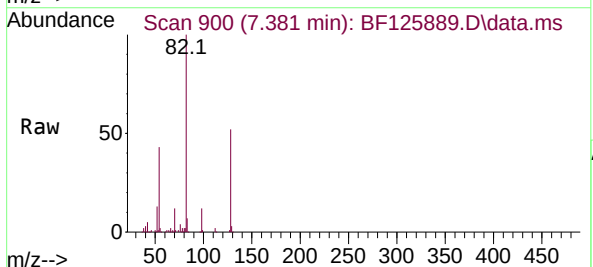
Instrument :
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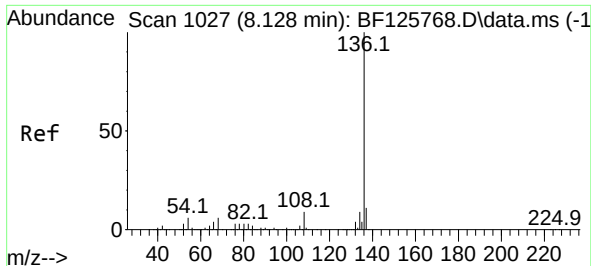
Tgt Ion: 99 Resp: 512143
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 28.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.566 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion: 70 Resp: 33804
Ion Ratio Lower Upper
70 100
42 41.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

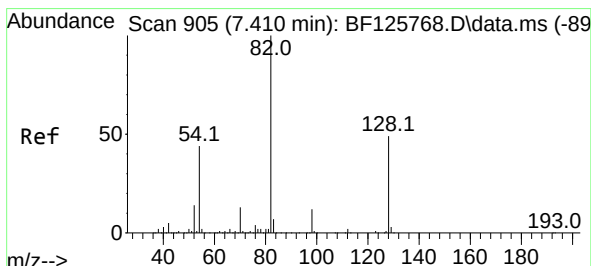
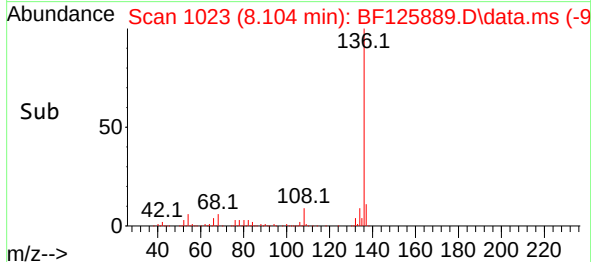
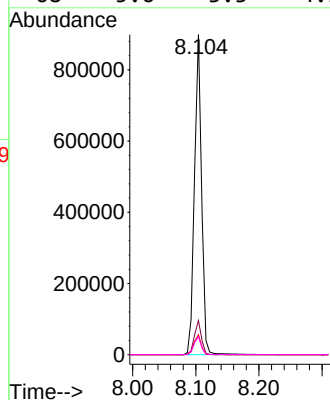
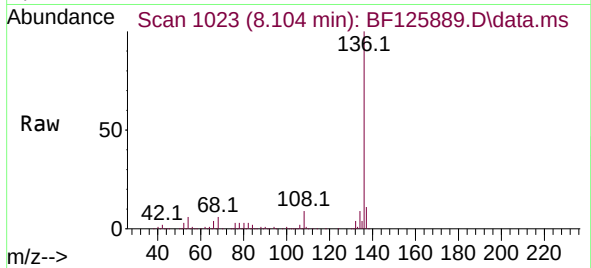




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

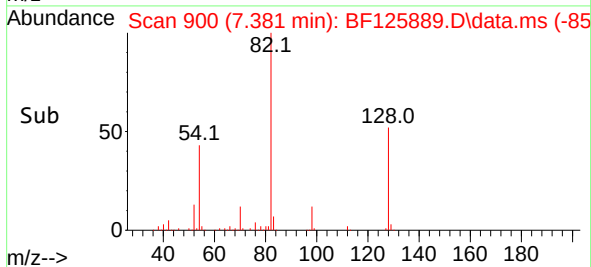
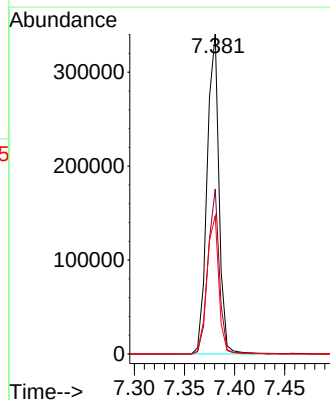
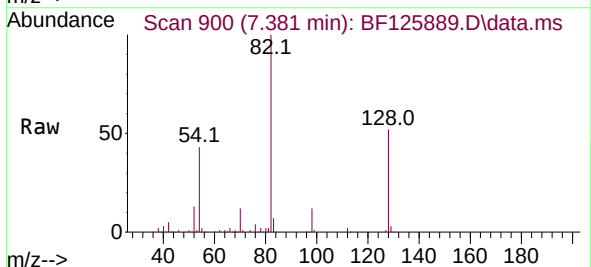
Instrument :
BNA_F
ClientSampleId :
WC-1-BS

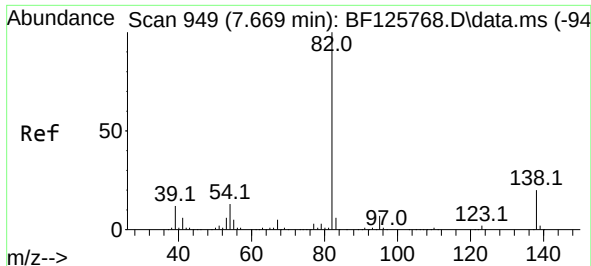
Tgt Ion:136	Resp: 700570
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 6.3	6.4 9.6#
68 5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 25.180 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion: 82	Resp: 283789
Ion Ratio	Lower Upper
82 100	
128 51.6	40.6 60.8
54 43.2	49.6 74.4#

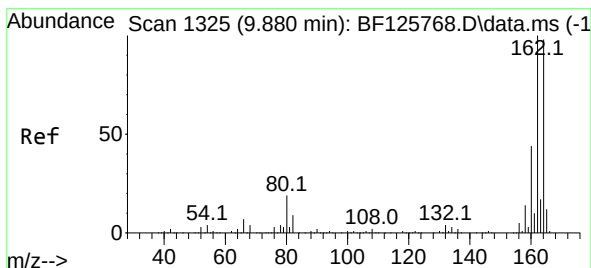
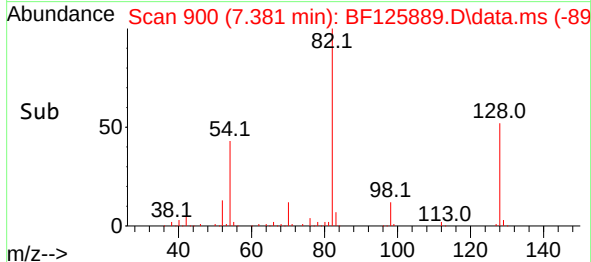
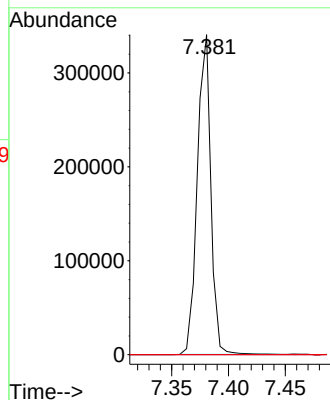
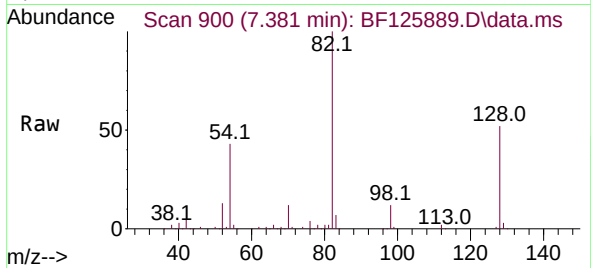




#25
Isophorone
Concen: 14.126 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.270 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

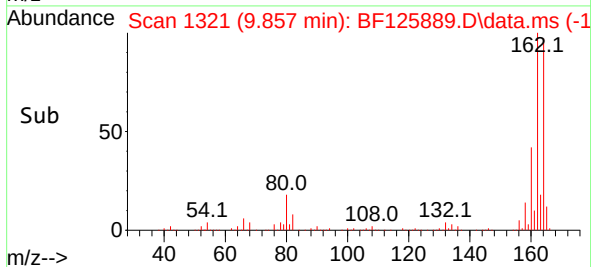
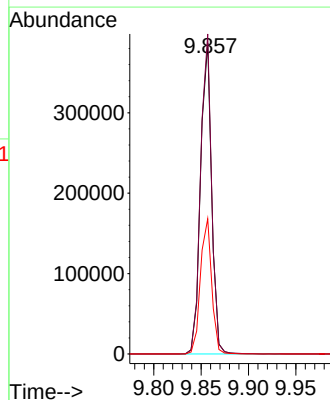
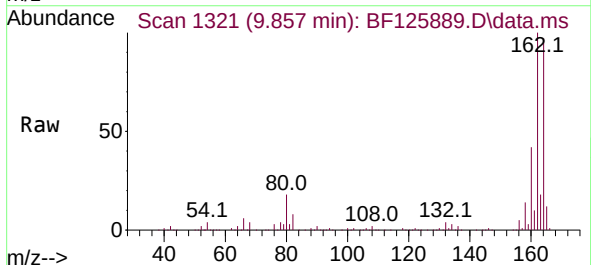
Instrument :
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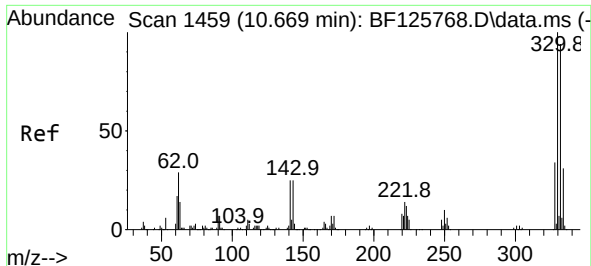
Tgt Ion: 82 Resp: 282061
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:164 Resp: 314468
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 43.5 38.0 57.0

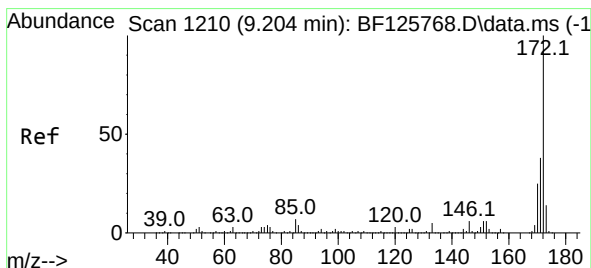
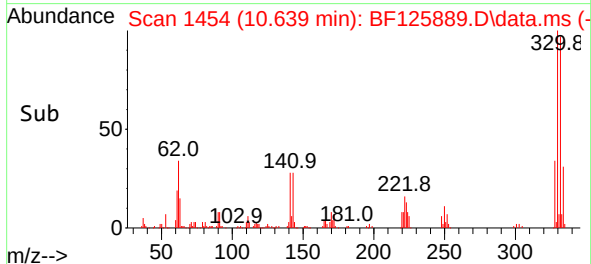
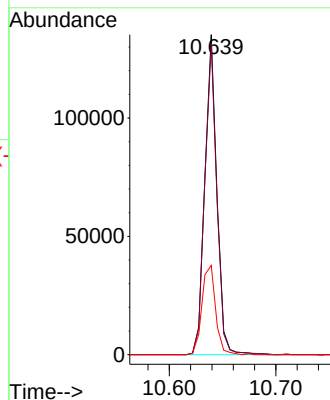
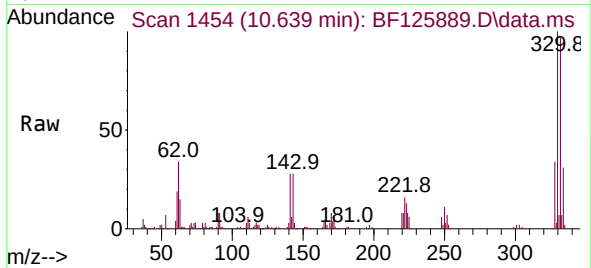




#42
 2,4,6-Tribromophenol
 Concen: 34.302 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF125889.D
 Acq: 18 Oct 2021 21:29

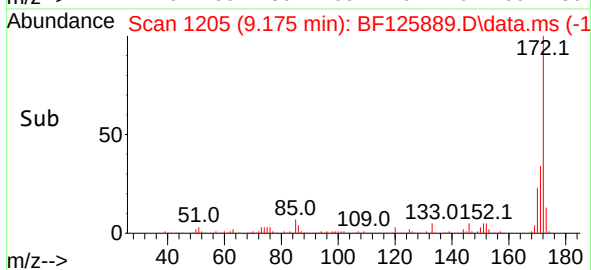
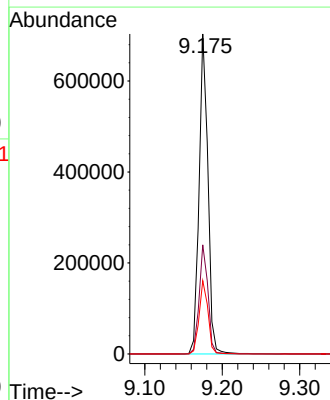
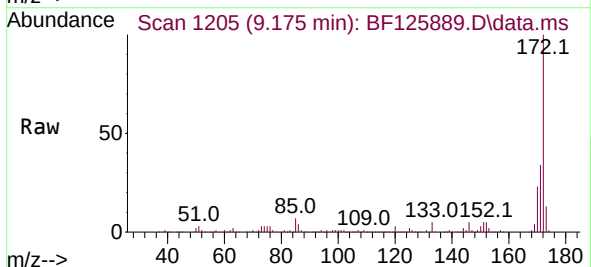
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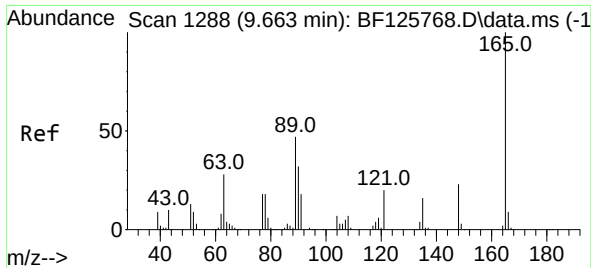
Tgt Ion: 330 Resp: 106501
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 31.8 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 30.512 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF125889.D
 Acq: 18 Oct 2021 21:29

Tgt Ion: 172 Resp: 556293
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.5 39.7
 170 22.9 18.8 28.2

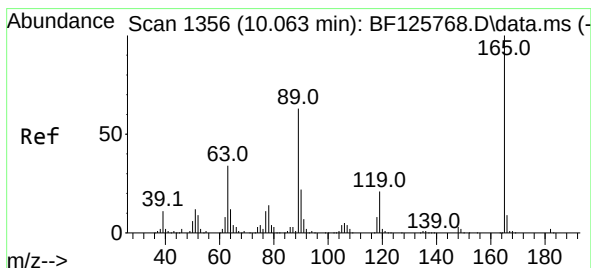
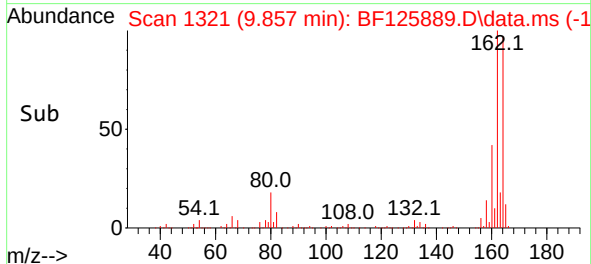
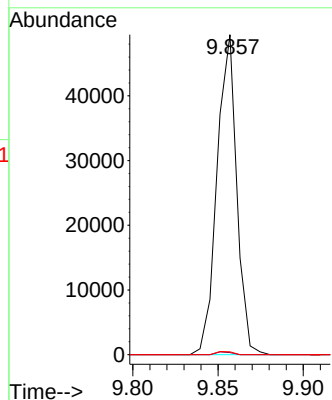
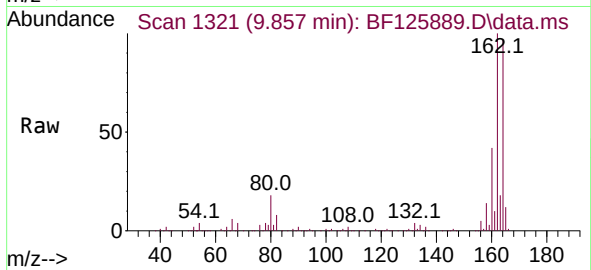




#51
2,6-Dinitrotoluene
Concen: 9.520 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

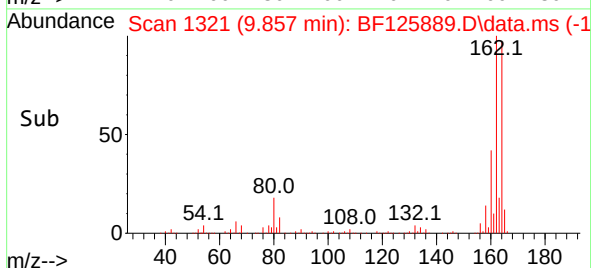
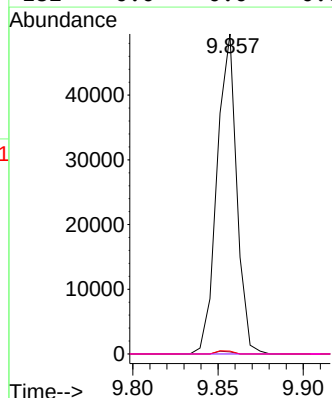
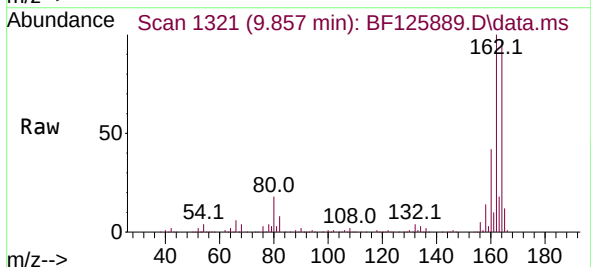
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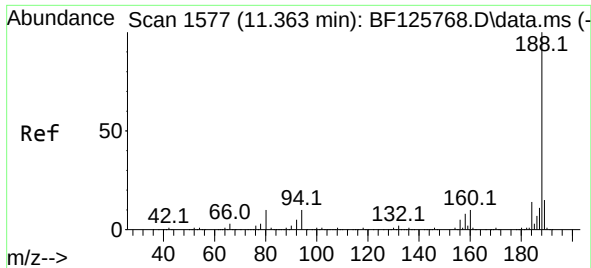
Tgt Ion:165 Resp: 39836
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.530 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:165 Resp: 39836
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

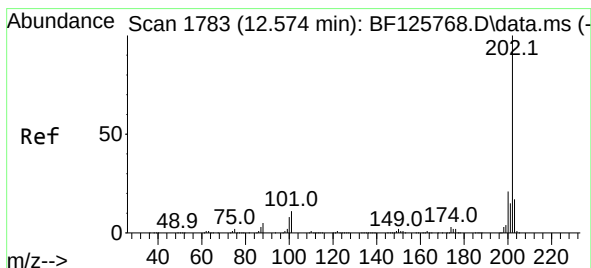
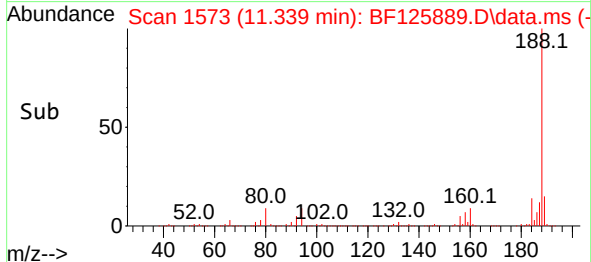
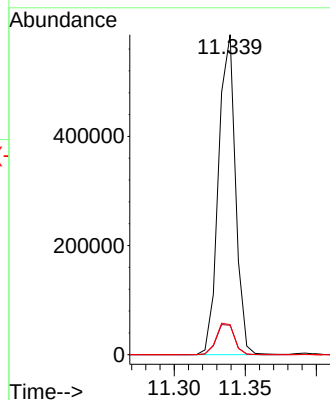
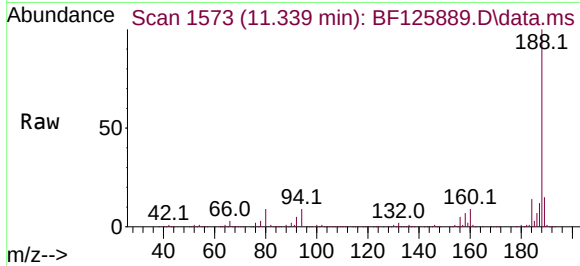




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

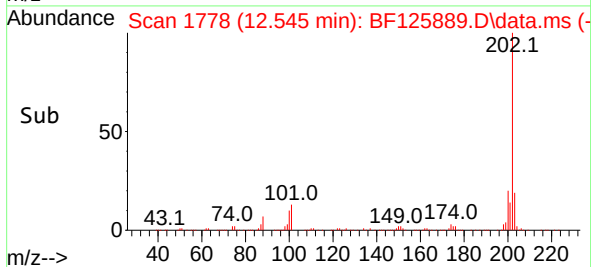
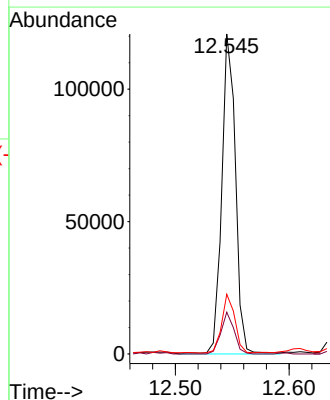
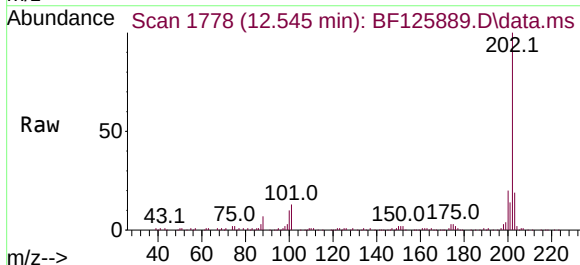
Instrument :
BNA_F
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WC-1-BS

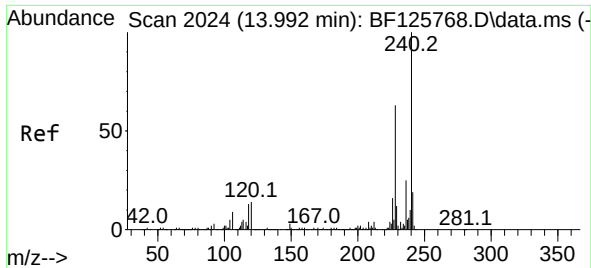
Tgt Ion:188	Resp: 486579
Ion Ratio	Lower Upper
188 100	
94 9.2	6.7 10.1
80 9.4	7.5 11.3



#75
Fluoranthene
Concen: 4.334 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:202	Resp: 101820
Ion Ratio	Lower Upper
202 100	
101 13.1	0.0 30.7
203 18.7	0.0 36.3

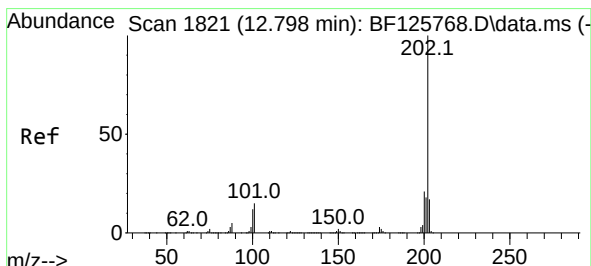
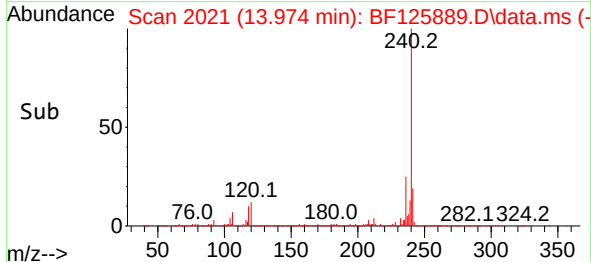
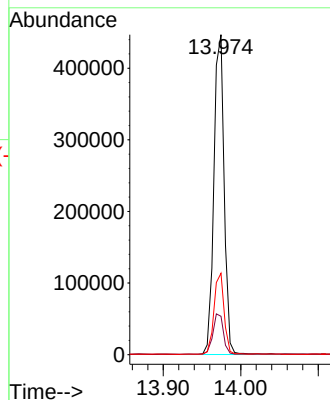
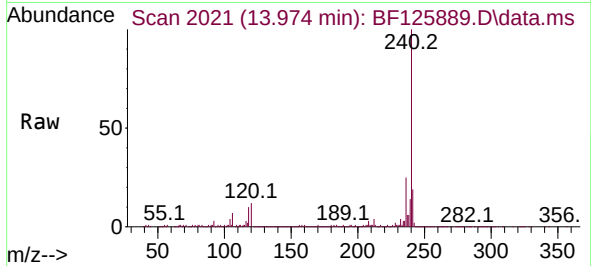




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

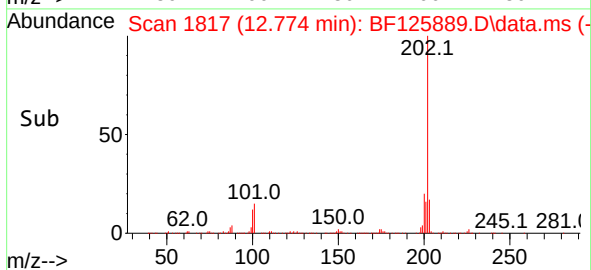
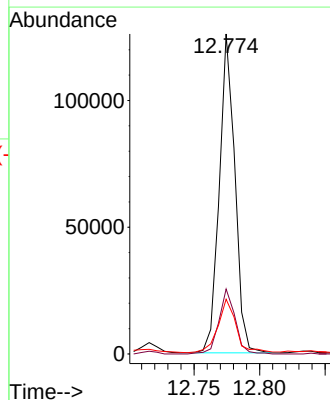
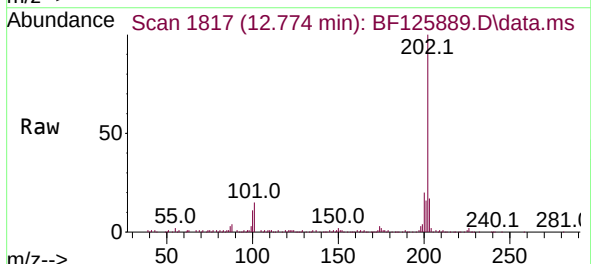
Instrument :
BNA_F
ClientSampleId :
WC-1-BS

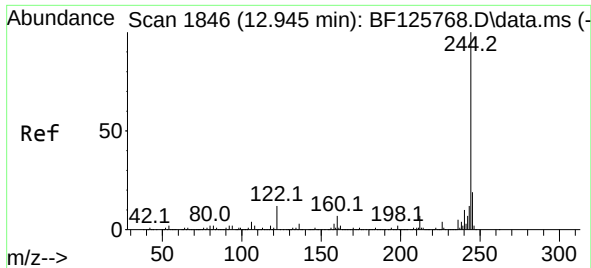
Tgt Ion:240 Resp: 411420
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.4 21.6 32.4



#78
Pyrene
Concen: 2.486 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:202 Resp: 103927
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 17.1 13.4 20.0

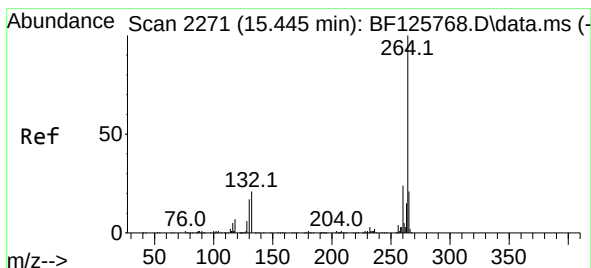
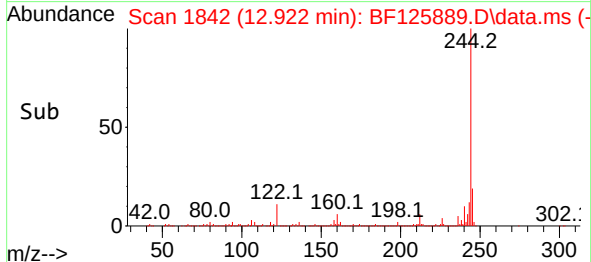
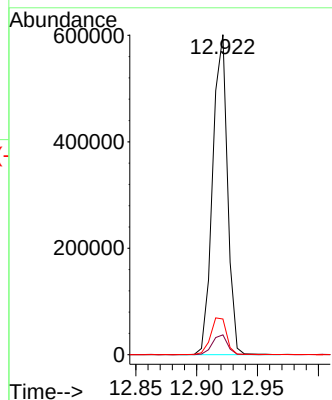
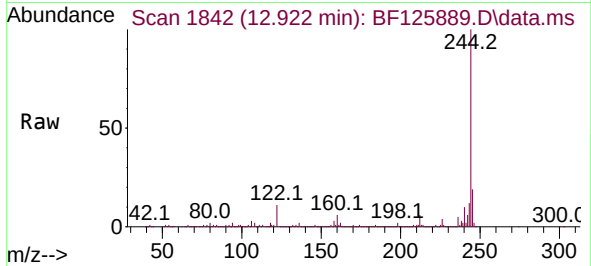




#79
Terphenyl-d14
Concen: 18.833 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

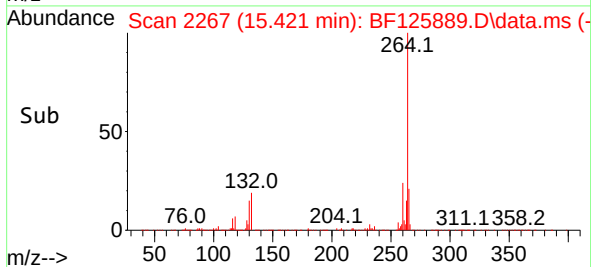
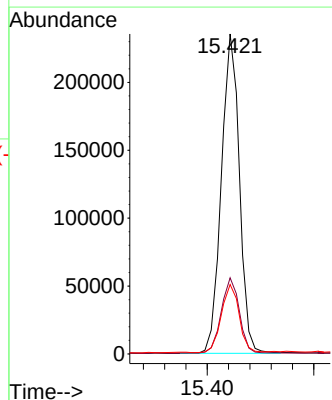
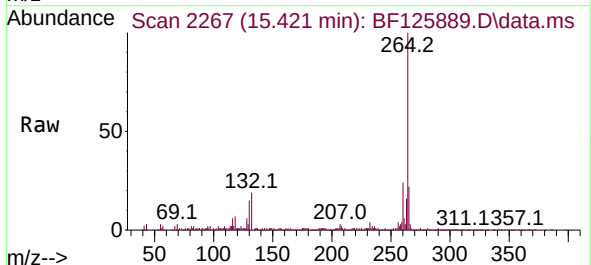
Instrument :
BNA_F
ClientSampleId :
WC-1-BS

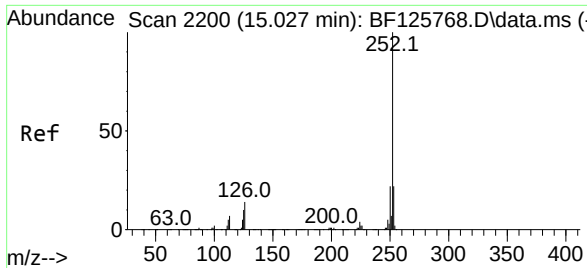
Tgt Ion:244	Resp: 508673
Ion Ratio	Lower Upper
244 100	
212 6.2	5.9 8.9
122 11.1	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:264	Resp: 275102
Ion Ratio	Lower Upper
264 100	
260 23.8	19.6 29.4
265 21.7	17.2 25.8

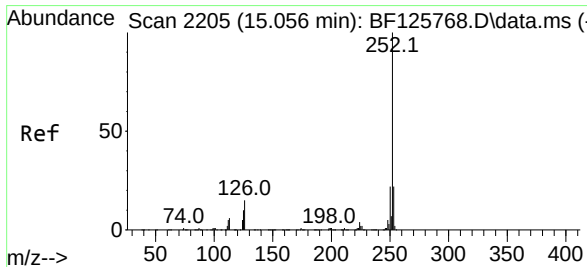
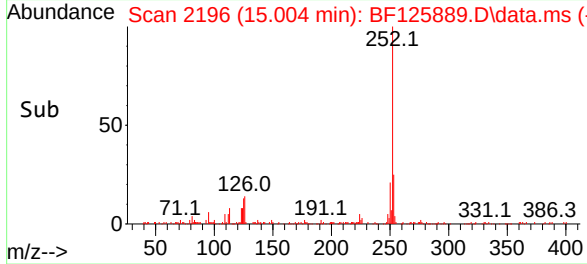
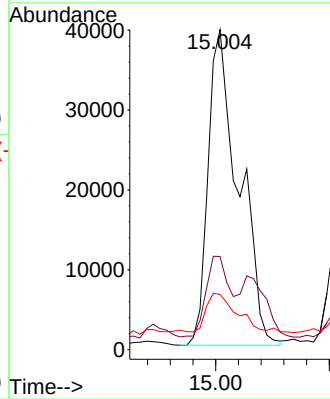
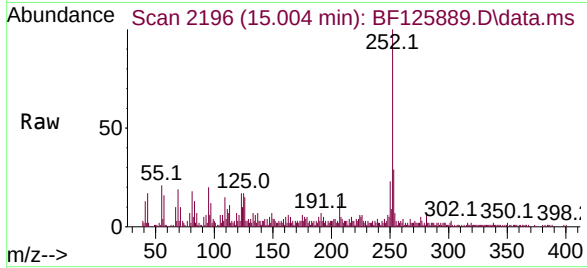




#88
Benzo(b)fluoranthene
Concen: 4.760 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

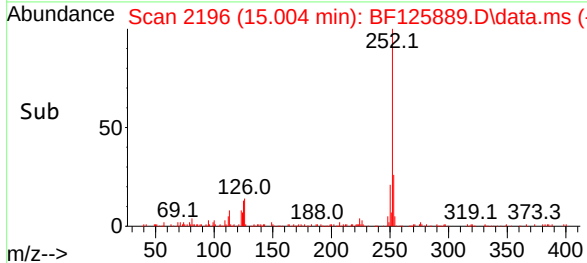
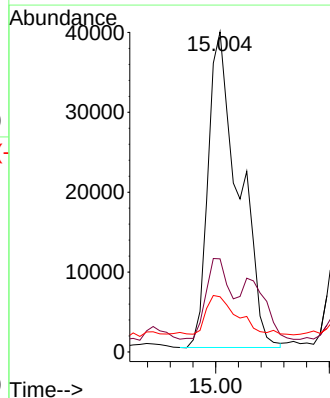
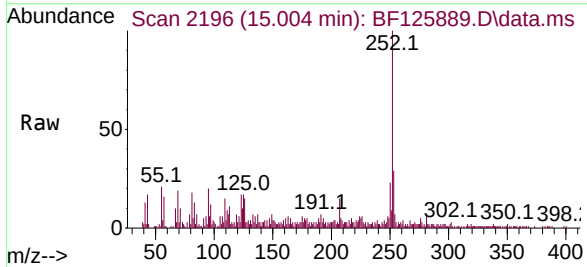
Instrument :
BNA_F
ClientSampled :
WC-1-BS

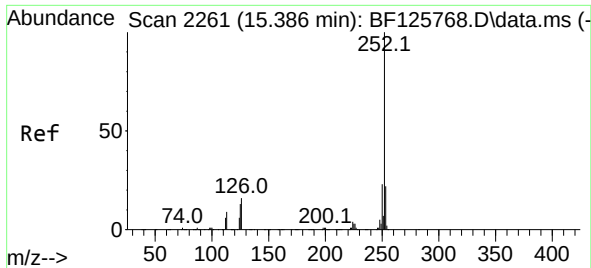
Tgt Ion:252 Resp: 73929
Ion Ratio Lower Upper
252 100
253 29.1 16.8 25.2#
125 17.2 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.636 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.023 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:252 Resp: 73929
Ion Ratio Lower Upper
252 100
253 29.1 17.8 26.8#
125 17.2 7.2 10.8#

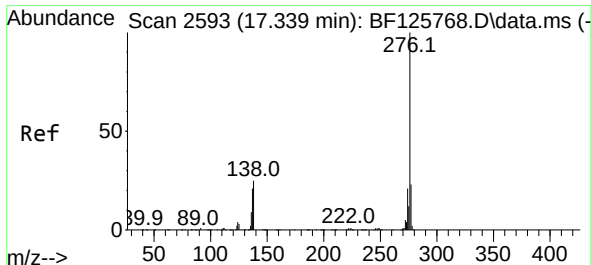
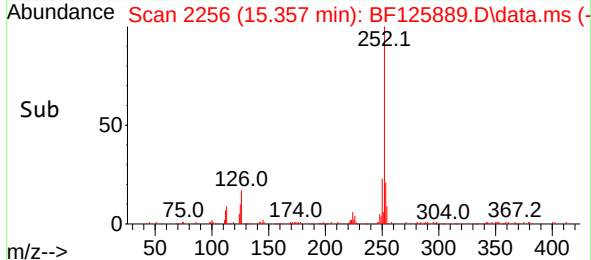
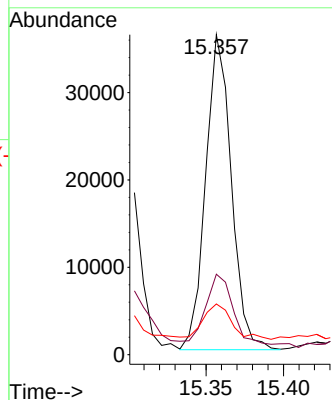
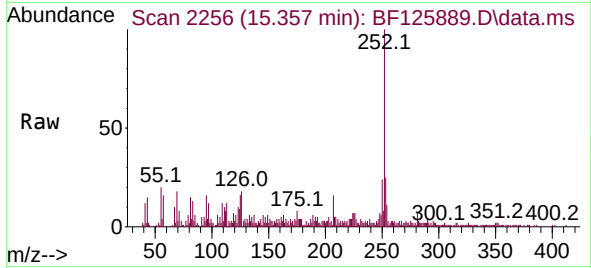




#90
Benzo(a)pyrene
Concen: 3.019 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Instrument :
BNA_F
ClientSampleId :
WC-1-BS

Tgt Ion:252 Resp: 41530
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 15.9 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 2.343 ng
RT: 17.286 min Scan# 2584
Delta R.T. -0.012 min
Lab File: BF125889.D
Acq: 18 Oct 2021 21:29

Tgt Ion:276 Resp: 41442
Ion Ratio Lower Upper
276 100
277 23.9 22.0 33.0
138 25.7 22.2 33.4

