

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126262.D
 Acq On : 18 Dec 2021 19:20
 Operator : JU/CG
 Sample : M5079-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:03:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

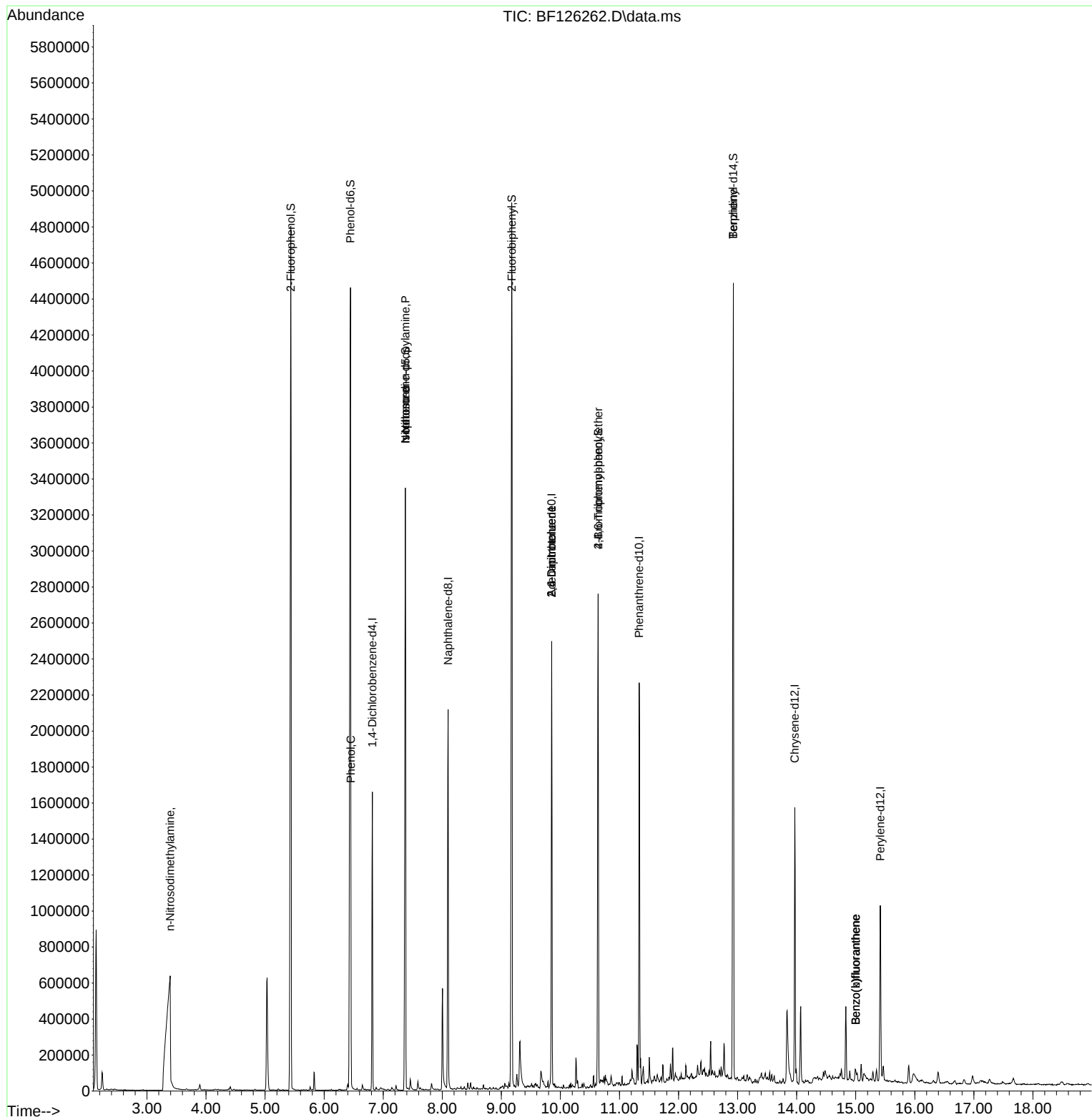
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	223465	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	992811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	486839	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	782818	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	468552	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	389902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1553703	102.390	ng	0.01
7) Phenol-d6	6.446	99	2027854	105.247	ng	0.00
23) Nitrobenzene-d5	7.375	82	1318378	71.919	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	320017	81.794	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1707613	61.518	ng	0.00
79) Terphenyl-d14	12.927	244	1581286	58.659	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.393	42	53611	7.091	ng	# 13
10) Phenol	6.451	94	104149	4.815	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	167220	14.137	ng	# 56
25) Isophorone	7.375	82	1240666	35.840	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	62930	9.428	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	62930	7.391	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	17841	2.428	ng	# 1
77) Benzidine	12.927	184	20114	2.723	ng	96
88) Benzo(b)fluoranthene	14.998	252	49175	2.099	ng	# 90
89) Benzo(k)fluoranthene	14.998	252	49175	2.194	ng	# 89

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

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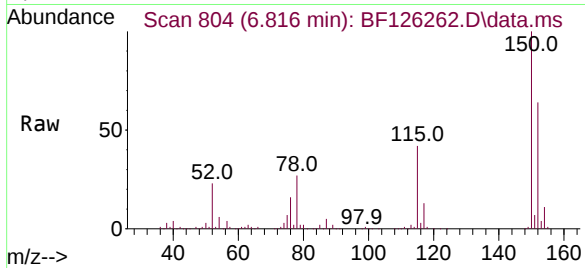
Quant Time: Dec 20 08:03:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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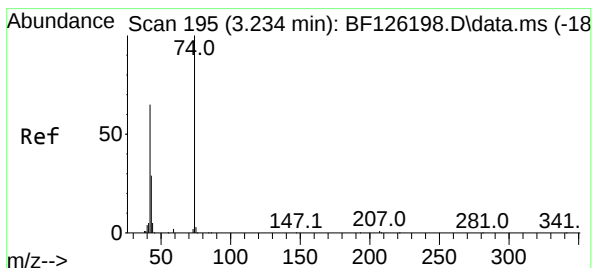
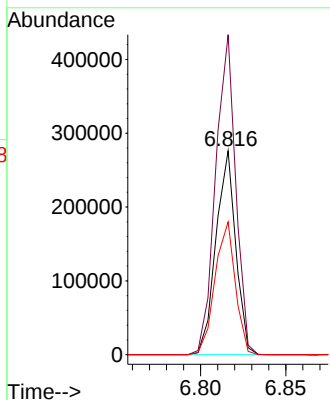
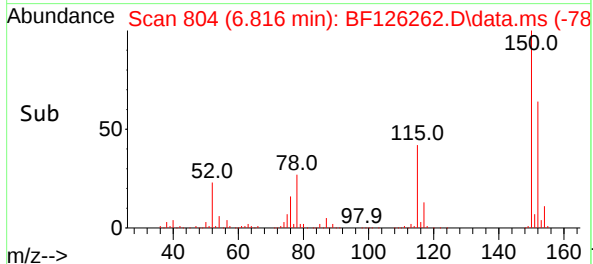


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

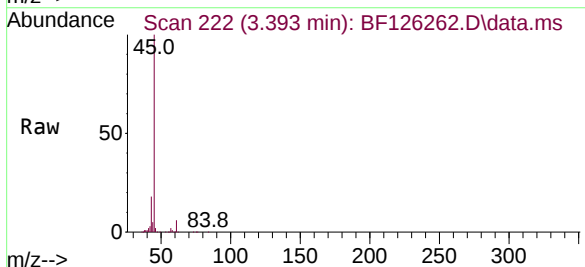
Instrument :
BNA_F
ClientSampleId :



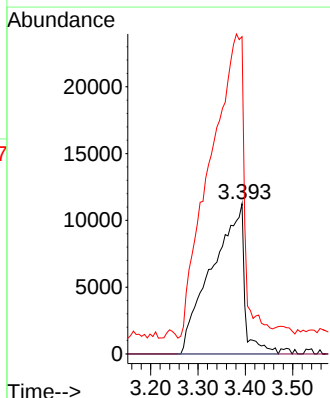
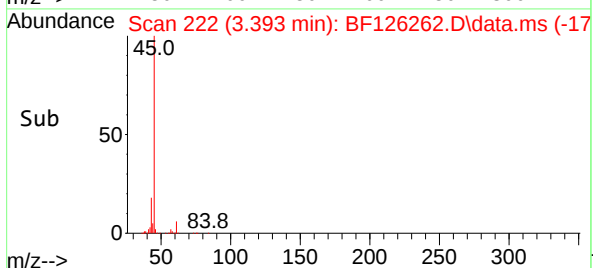
Tgt Ion:152 Resp: 223465
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 65.2 47.1 70.7

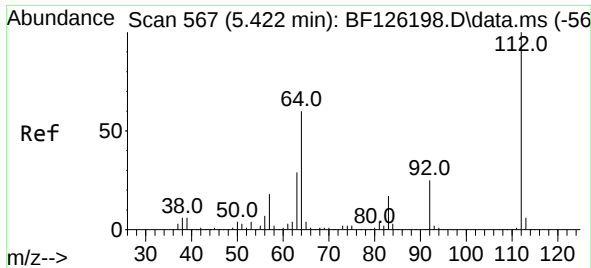


#4
n-Nitrosodimethylamine
Concen: 7.091 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.159 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20



Tgt Ion: 42 Resp: 53611
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 211.2 0.0 0.0#

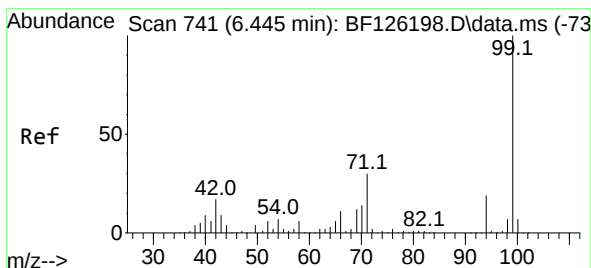
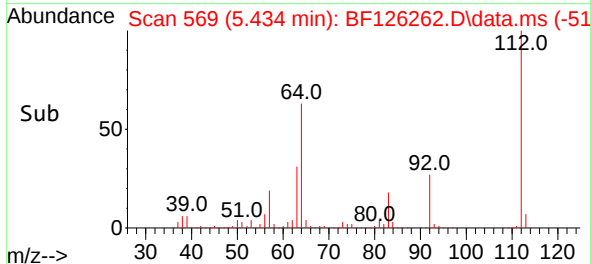
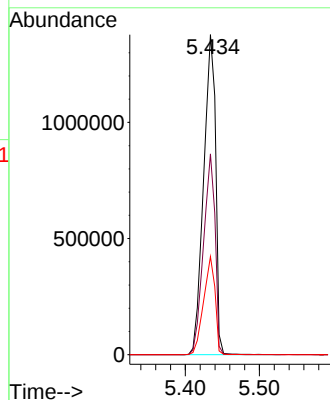
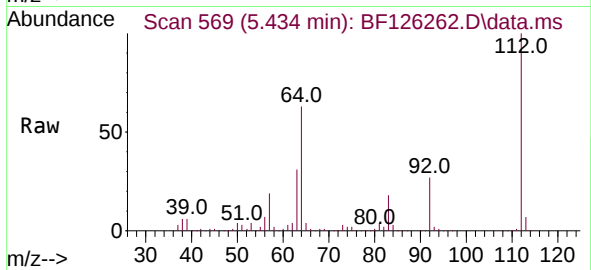




#5
2-Fluorophenol
Concen: 102.390 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

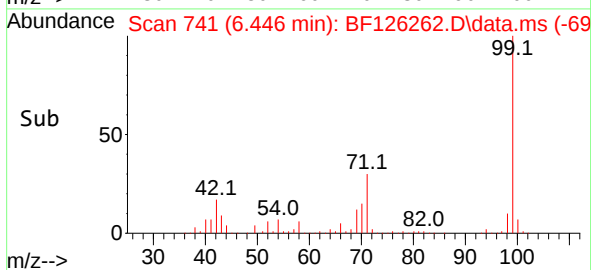
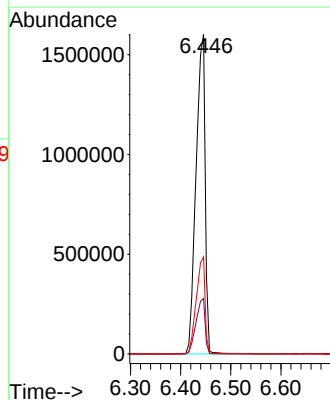
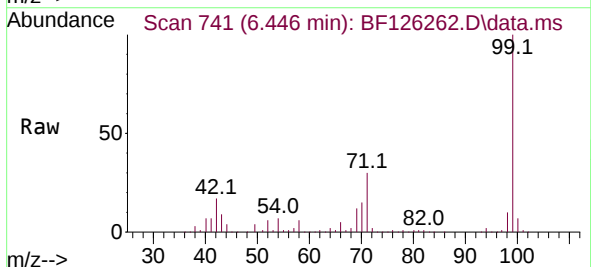
Instrument :
BNA_F
ClientSampleId :

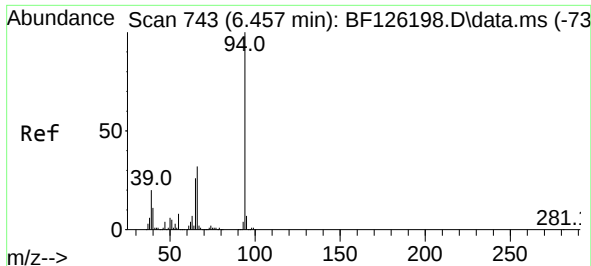
Tgt Ion:112 Resp: 1553703
Ion Ratio Lower Upper
112 100
64 62.7 44.2 66.2
63 30.6 26.2 39.2



#7
Phenol-d6
Concen: 105.247 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion: 99 Resp: 2027854
Ion Ratio Lower Upper
99 100
42 17.4 23.5 35.3#
71 30.4 25.6 38.4

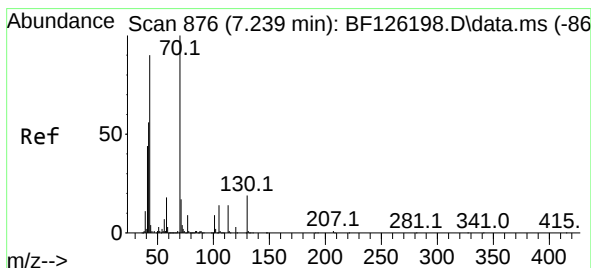
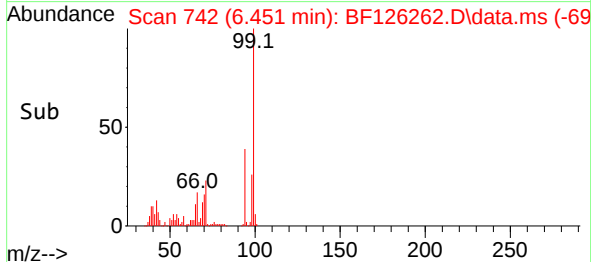
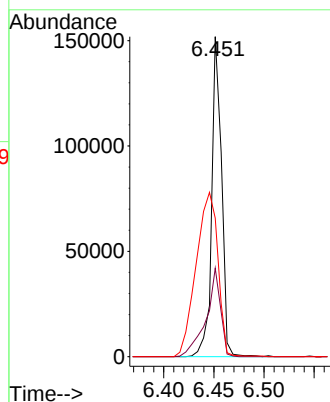
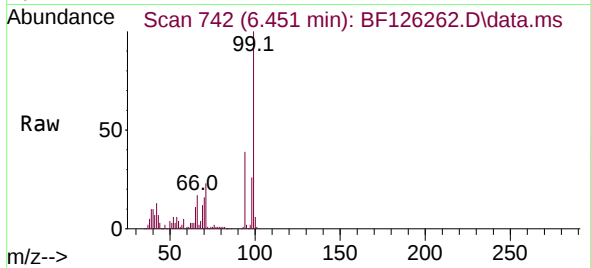




#10
Phenol
Concen: 4.815 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

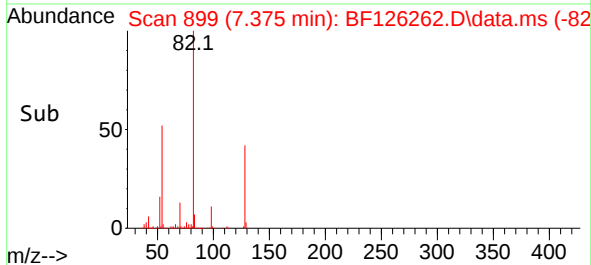
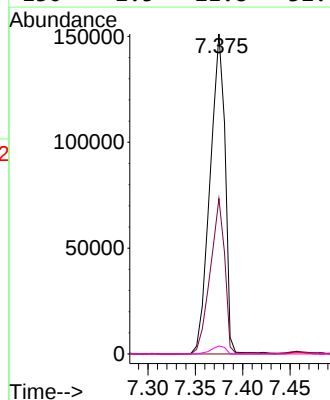
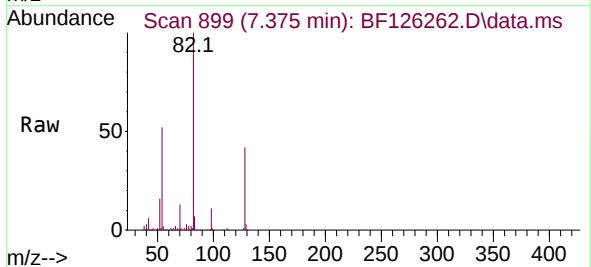
Instrument :
BNA_F
ClientSampleId :

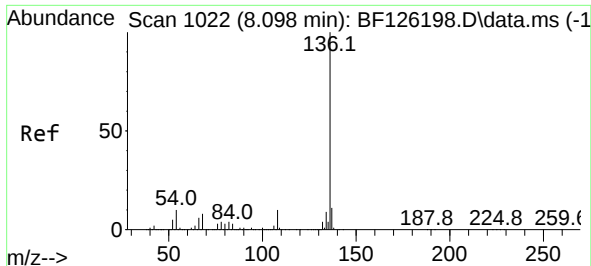
Tgt Ion: 94 Resp: 104149
Ion Ratio Lower Upper
94 100
65 27.6 9.3 49.3
66 43.3 20.3 60.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.137 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.136 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

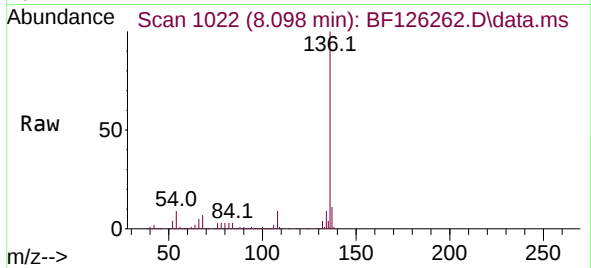
Tgt Ion: 70 Resp: 167220
Ion Ratio Lower Upper
70 100
42 48.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



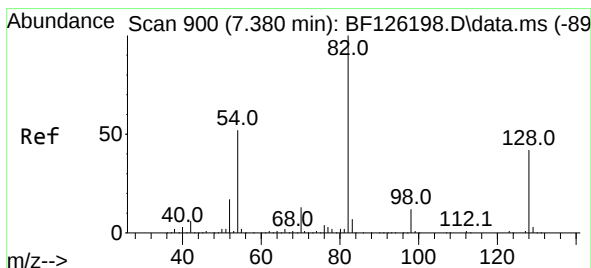
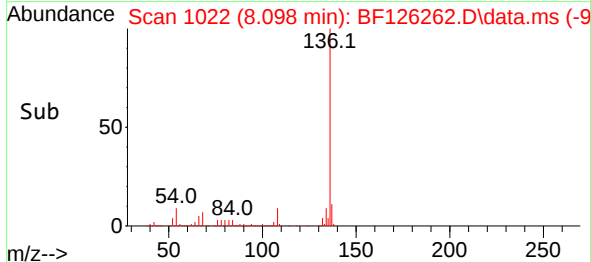
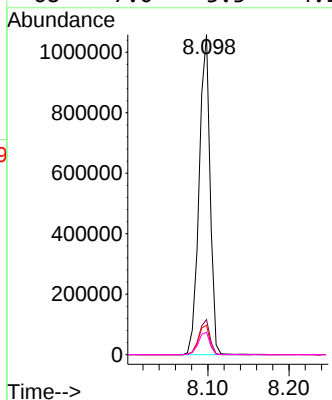


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Instrument :
BNA_F
ClientSampleId :

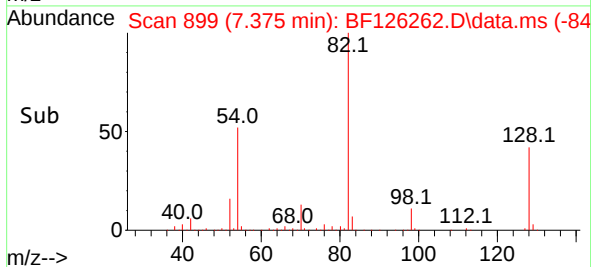
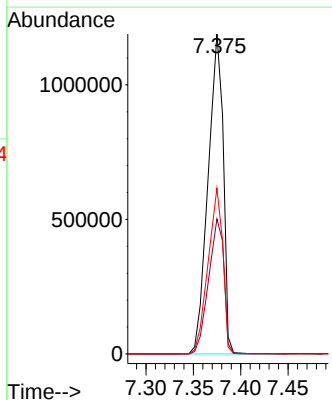
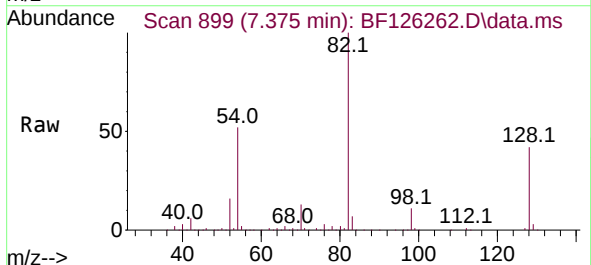


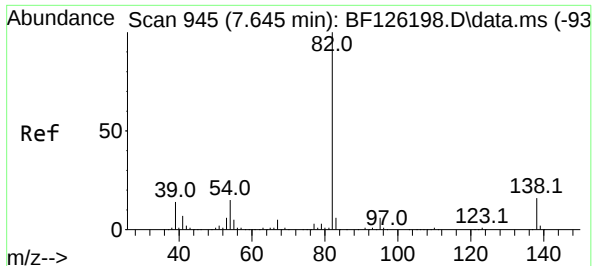
Tgt Ion:	136	Resp:	992811
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.2	6.4	9.6
68	7.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 71.919 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

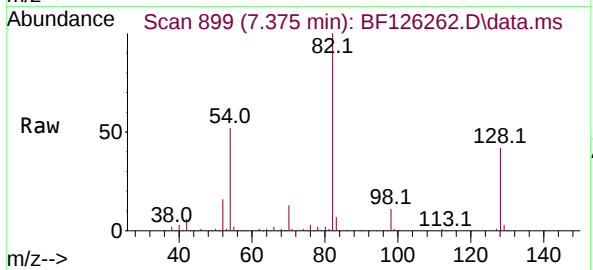
Tgt Ion:	82	Resp:	1318378
Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	51.8	49.6	74.4



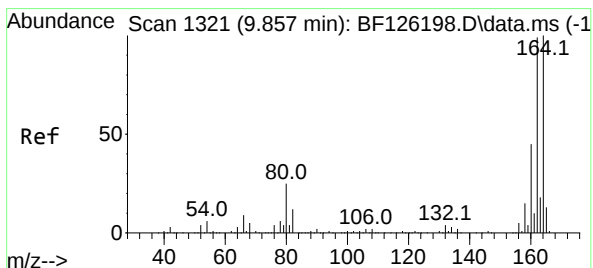
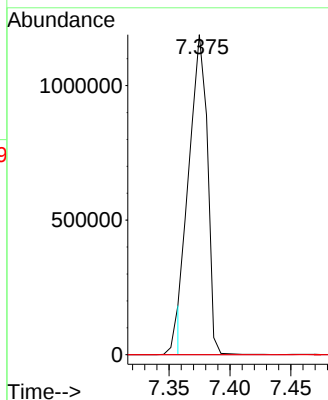
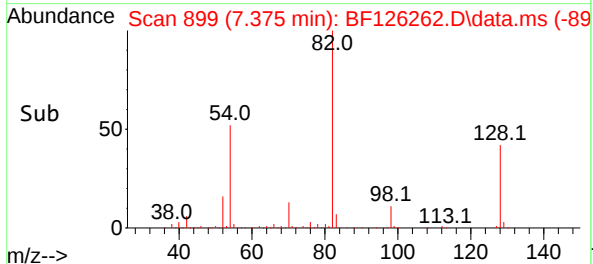


#25
Isophorone
Concen: 35.840 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

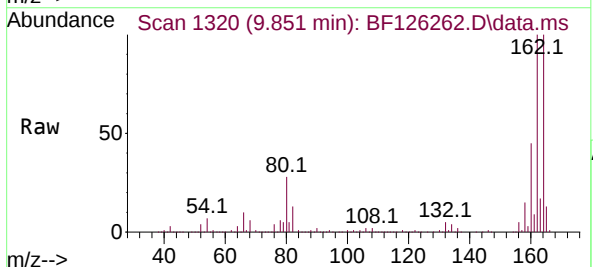
Instrument :
BNA_F
ClientSampleId :



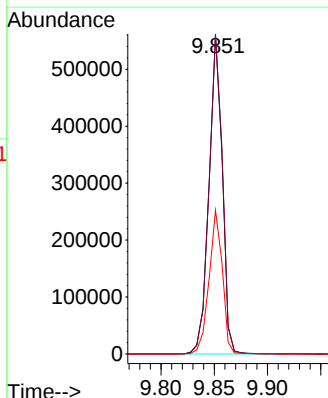
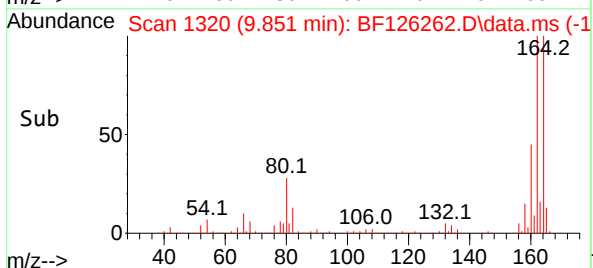
Tgt Ion: 82 Resp: 1240666
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

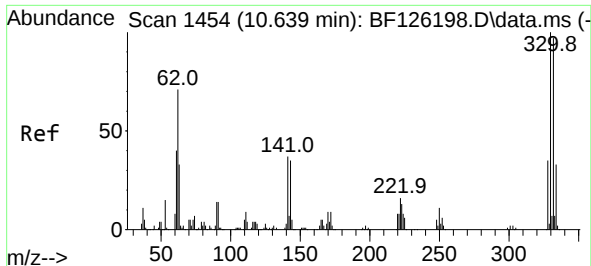


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20



Tgt Ion: 164 Resp: 486839
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 81.794 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

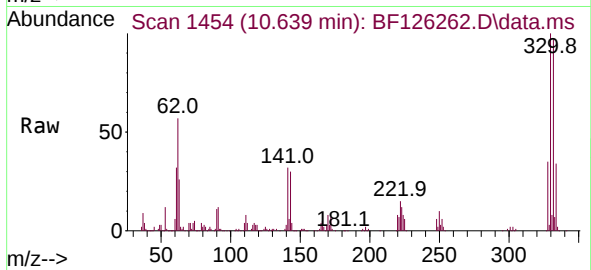
Lab File: BF126262.D

Acq: 18 Dec 2021 19:20

Instrument :

BNA_F

ClientSampleId :



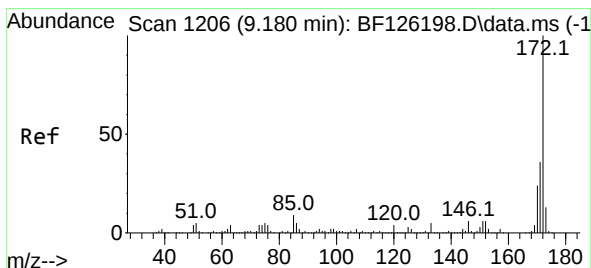
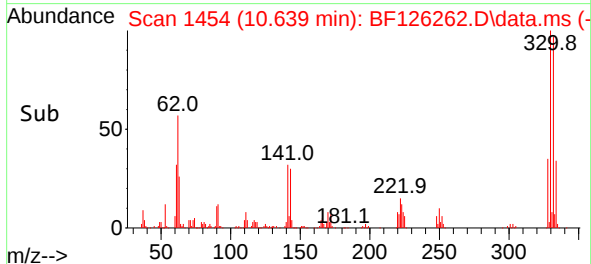
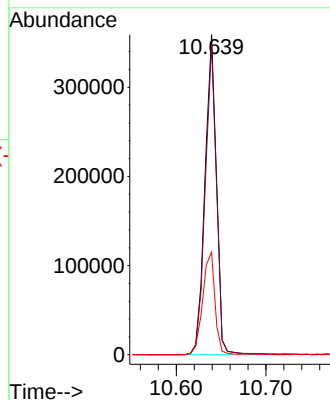
Tgt Ion:330 Resp: 320017

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 34.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 61.518 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126262.D

Acq: 18 Dec 2021 19:20

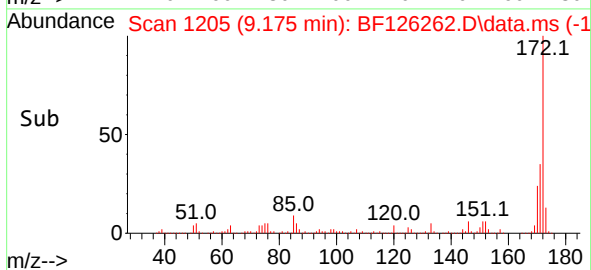
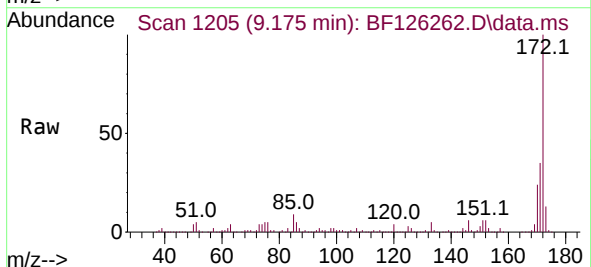
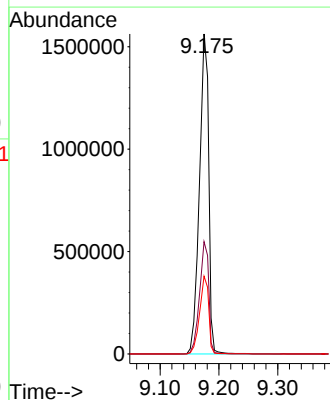
Tgt Ion:172 Resp: 1707613

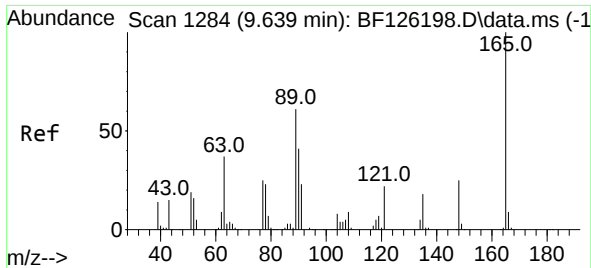
Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 24.3 18.8 28.2

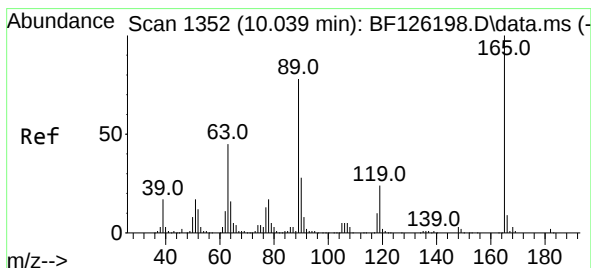
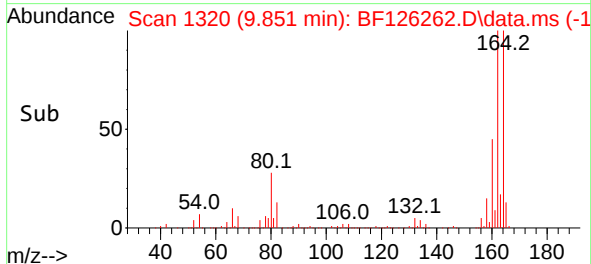
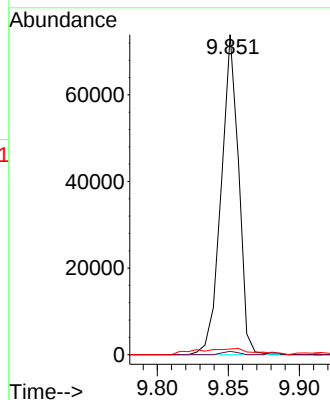
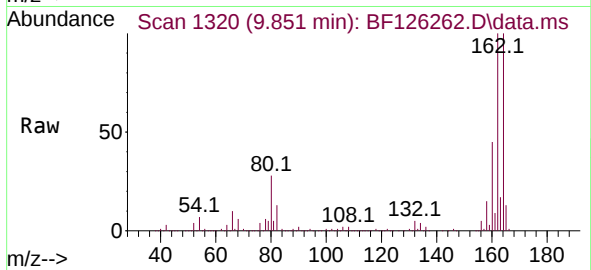




#51
2,6-Dinitrotoluene
Concen: 9.428 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

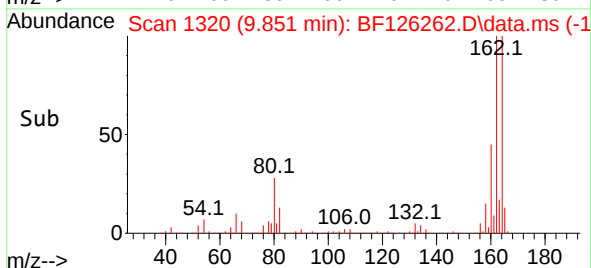
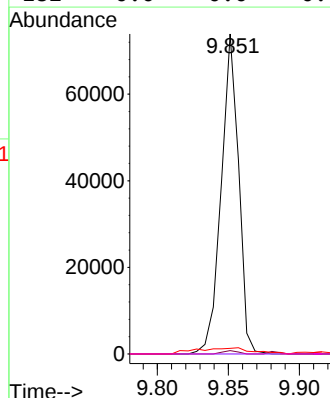
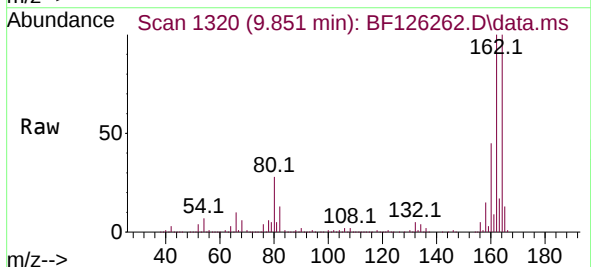
Instrument :
BNA_F
ClientSampleId :

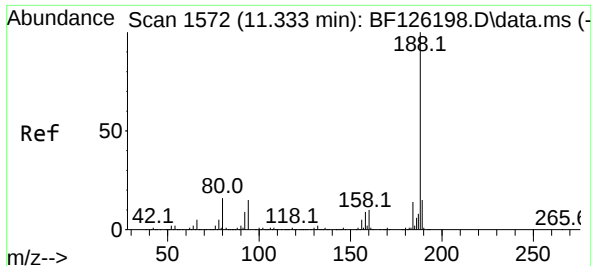
Tgt Ion:165 Resp: 62930
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.391 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion:165 Resp: 62930
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0

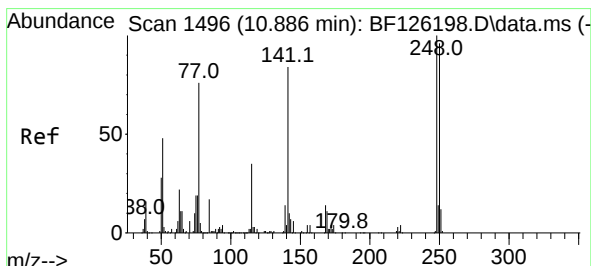
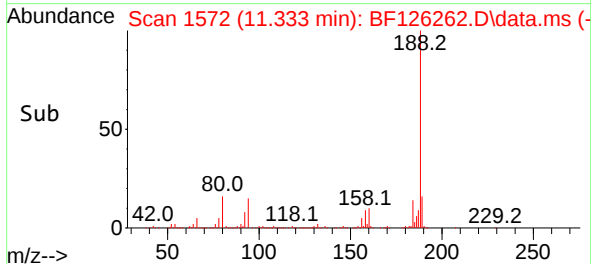
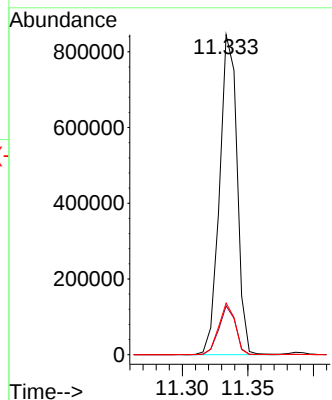
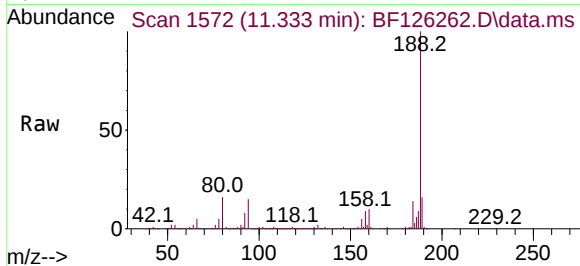




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

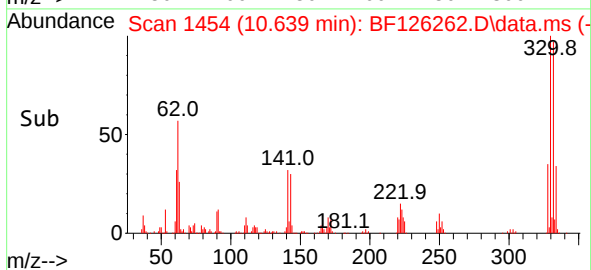
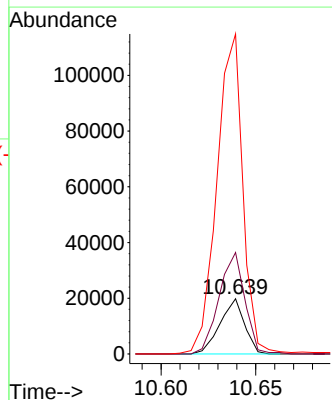
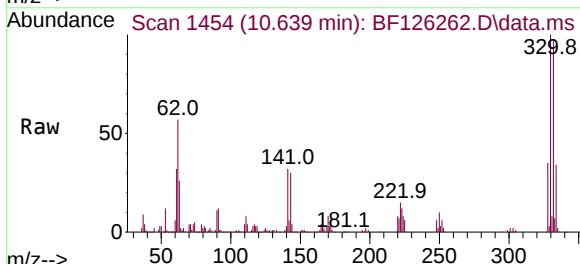
Instrument :
BNA_F
ClientSampleId :

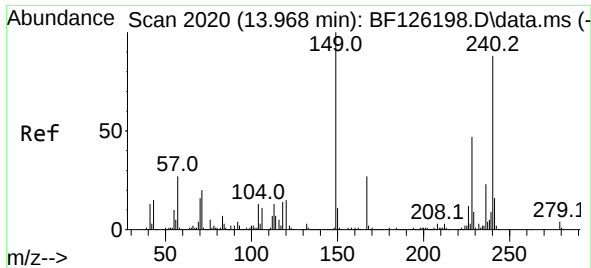
Tgt Ion:188 Resp: 782818
Ion Ratio Lower Upper
188 100
94 15.2 6.7 10.1#
80 16.2 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.428 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

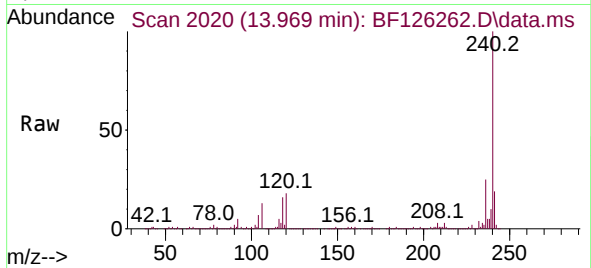
Tgt Ion:248 Resp: 17841
Ion Ratio Lower Upper
248 100
250 183.5 74.2 111.4#
141 579.2 60.4 90.6#



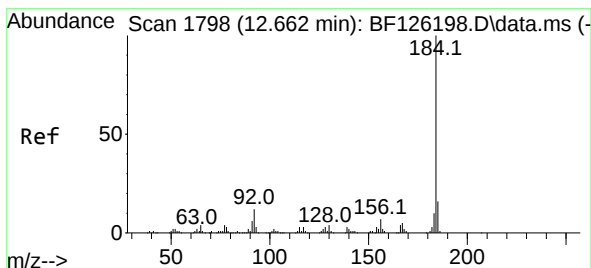
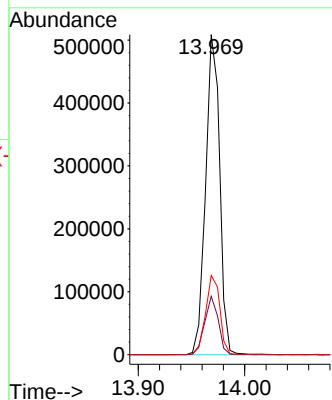
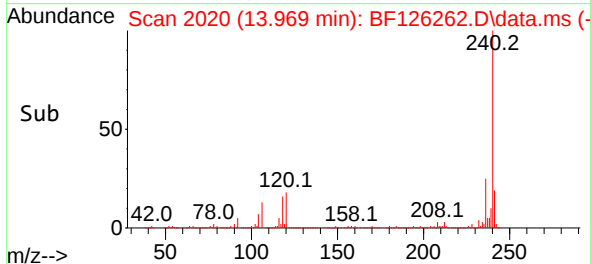


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

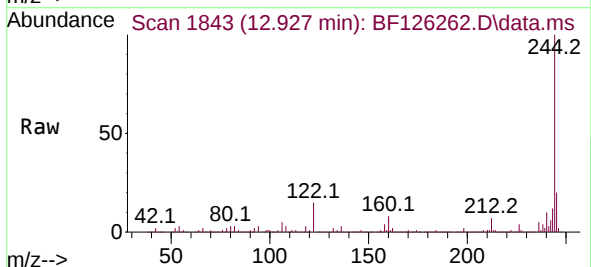
Instrument :
BNA_F
ClientSampleId :



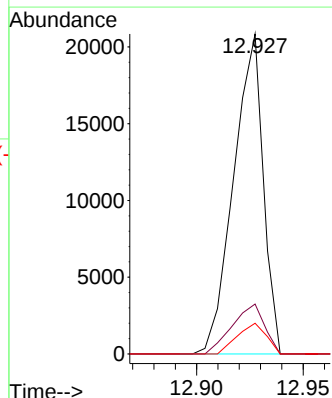
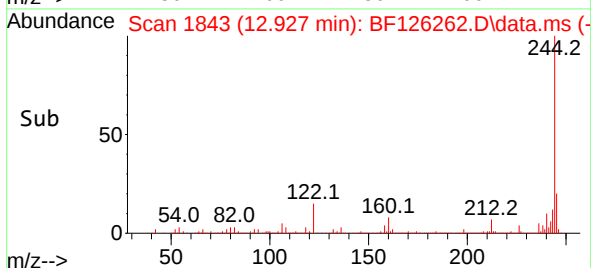
Tgt Ion:240 Resp: 468552
Ion Ratio Lower Upper
240 100
120 18.3 10.8 16.2#
236 24.8 21.6 32.4

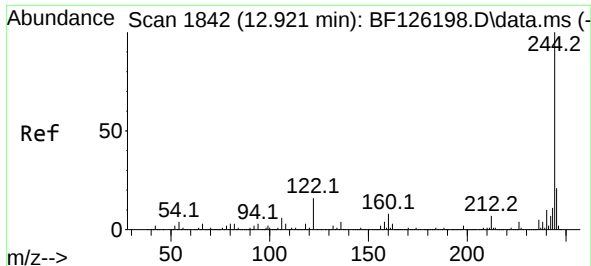


#77
Benzidine
Concen: 2.723 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20



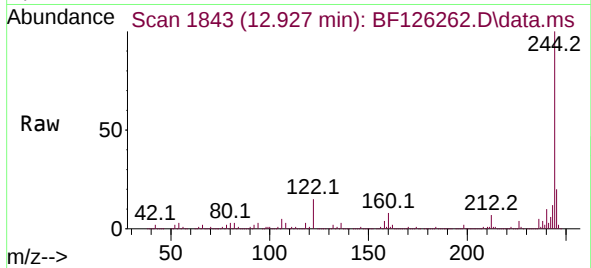
Tgt Ion:184 Resp: 20114
Ion Ratio Lower Upper
184 100
185 15.6 10.8 16.2
183 9.6 8.1 12.1



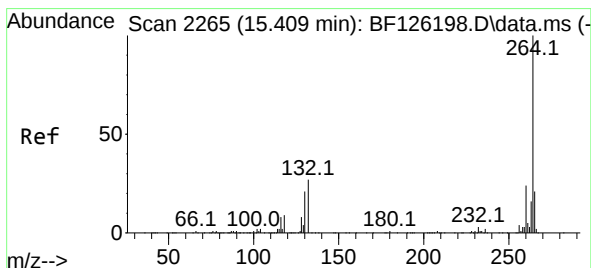
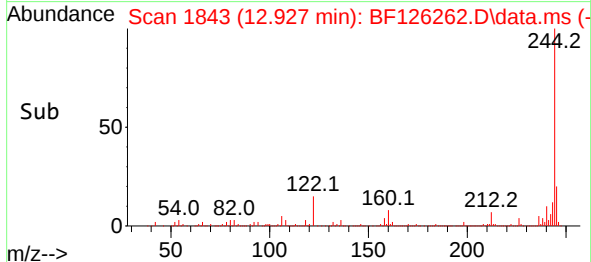
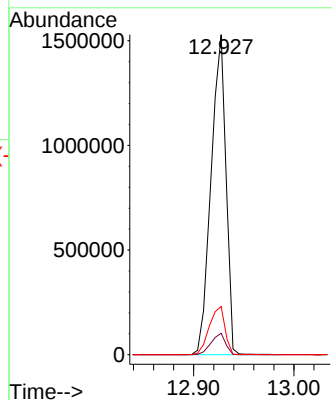


#79
 Terphenyl-d14
 Concen: 58.659 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126262.D
 Acq: 18 Dec 2021 19:20

Instrument :
 BNA_F
 ClientSampleId :

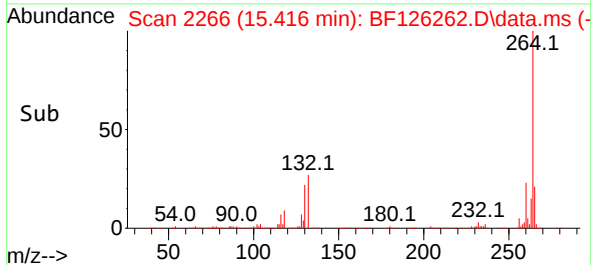
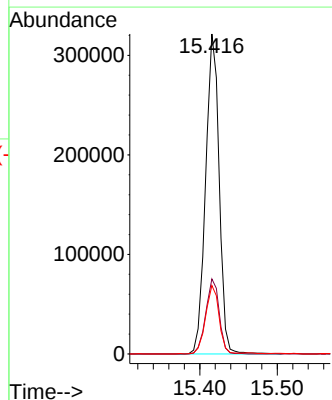
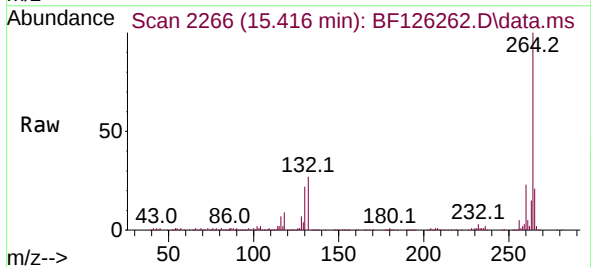


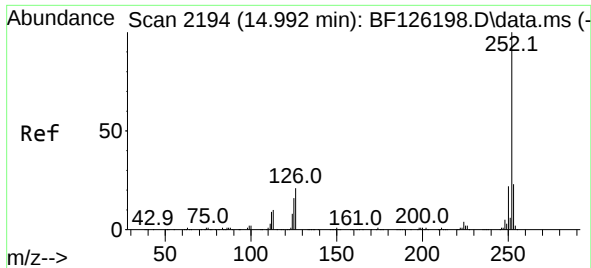
Tgt Ion:244 Resp: 1581286
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 15.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126262.D
 Acq: 18 Dec 2021 19:20

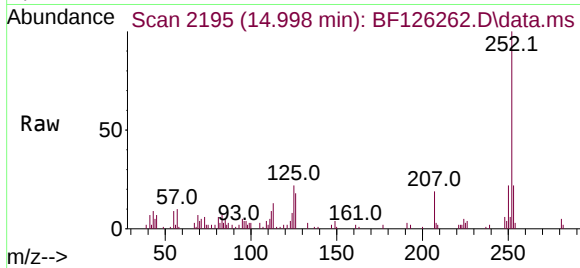
Tgt Ion:264 Resp: 389902
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 17.2 25.8



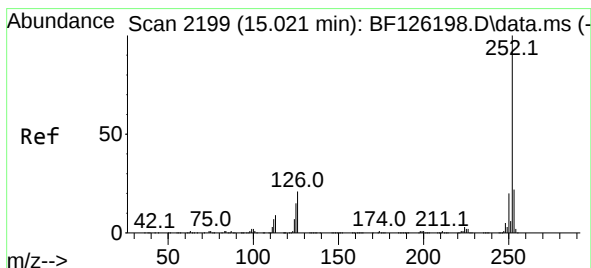
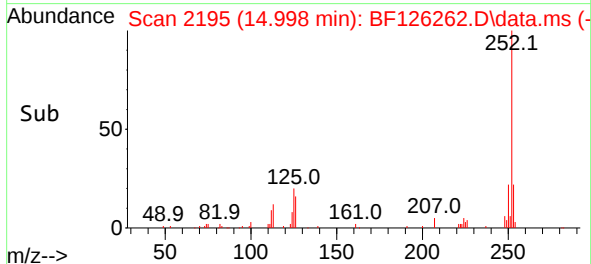
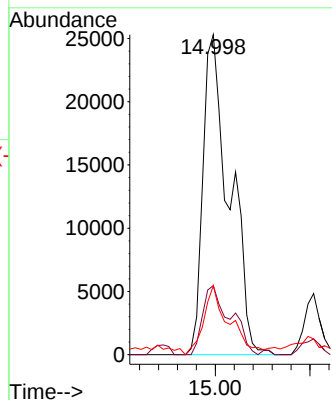


#88
Benzo(b)fluoranthene
Concen: 2.099 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:252 Resp: 49175
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 21.5 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.194 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion:252 Resp: 49175
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 21.5 7.2 10.8#

