

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125894.D
 Acq On : 19 Oct 2021 12:04
 Operator : JU/CG
 Sample : M4249-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-(S)

Quant Time: Oct 19 16:44:34 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)

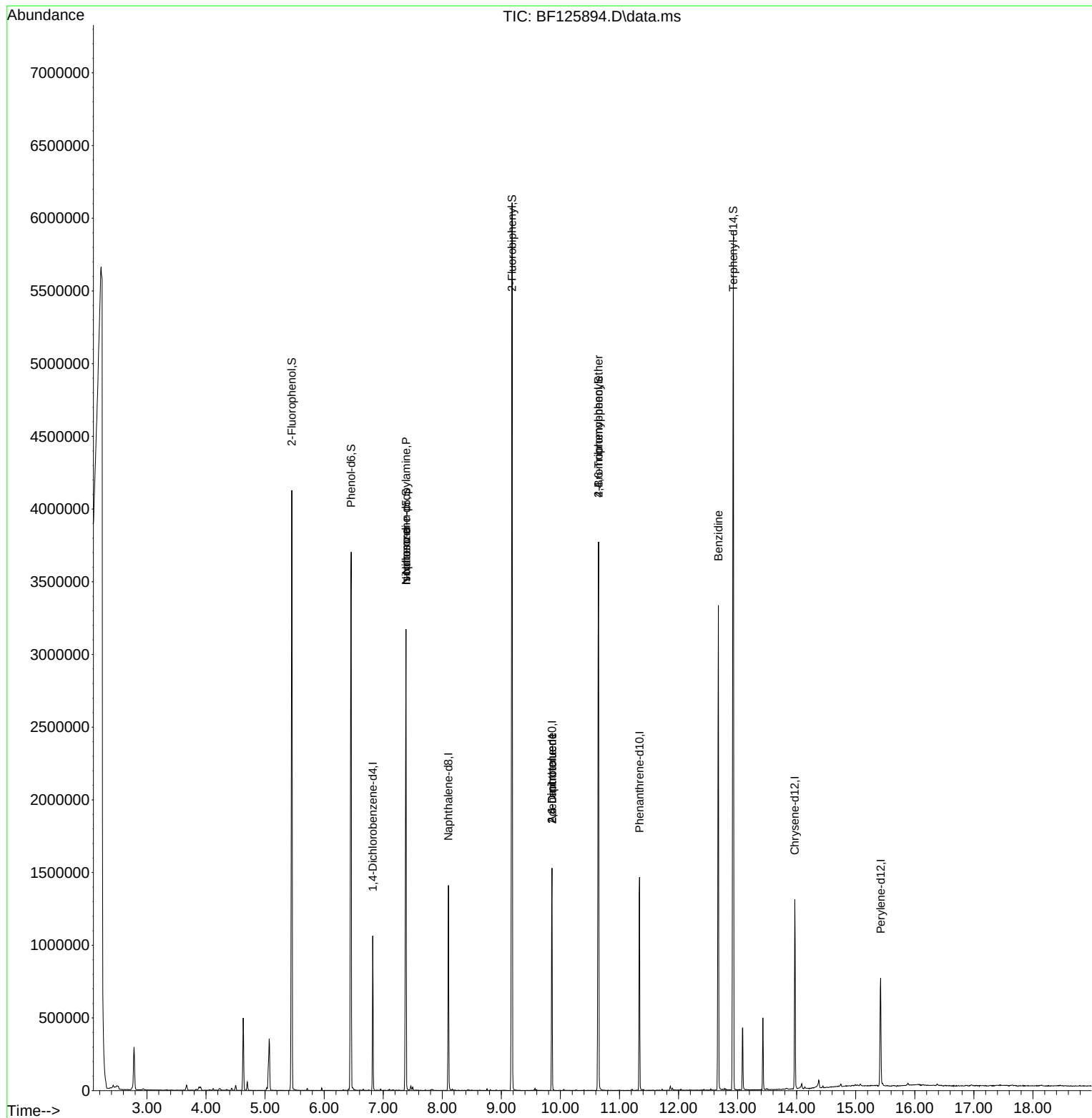
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	153984	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	612245	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	316380	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	541530	20.000	ng	0.00
76) Chrysene-d12	13.969	240	427619	20.000	ng	0.00
86) Perylene-d12	15.421	264	318785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1422852	150.951	ng	0.01
7) Phenol-d6	6.457	99	1610853	132.752	ng	0.00
23) Nitrobenzene-d5	7.387	82	1098193	111.498	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	537743	172.152	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2017127	109.969	ng	0.00
79) Terphenyl-d14	12.927	244	2192273	78.093	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	138006	21.545	ng	# 50
25) Isophorone	7.387	82	1093322	62.656	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	40088	9.523	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	40088	7.531	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	29656	4.945	ng	# 1
77) Benzidine	12.674	184	1244636	79.537	ng	98

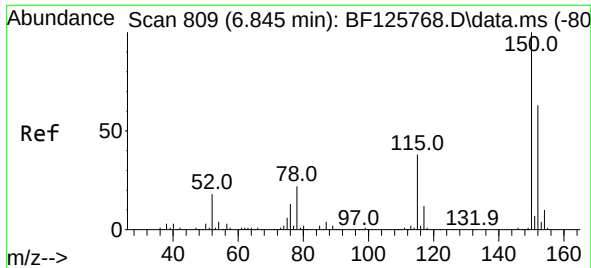
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

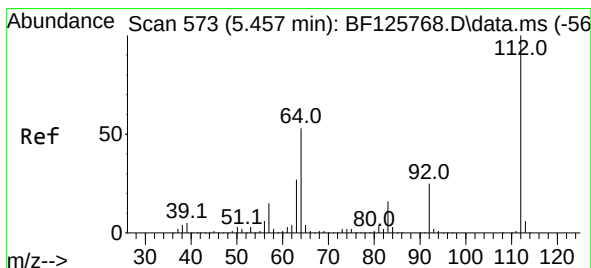
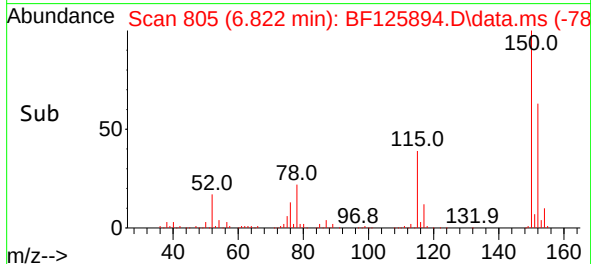
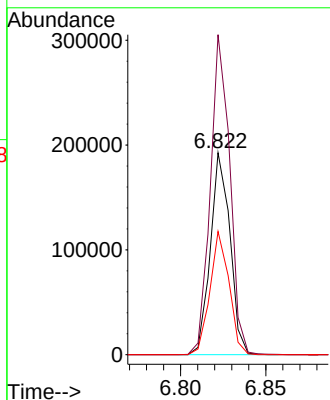
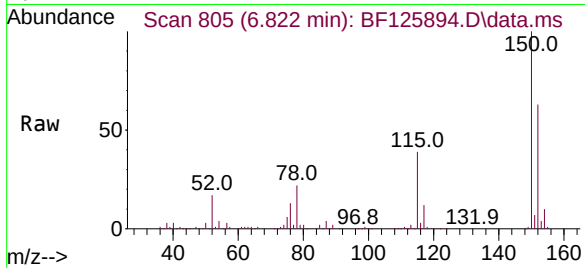




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

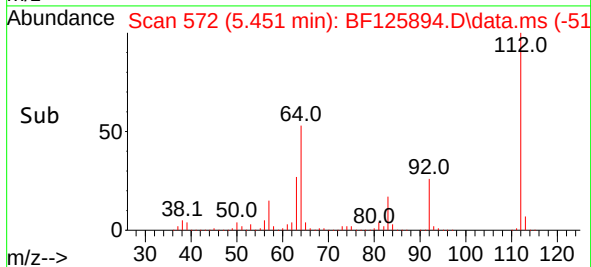
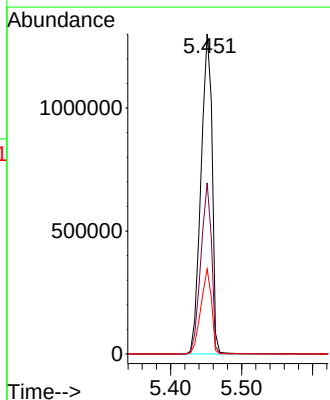
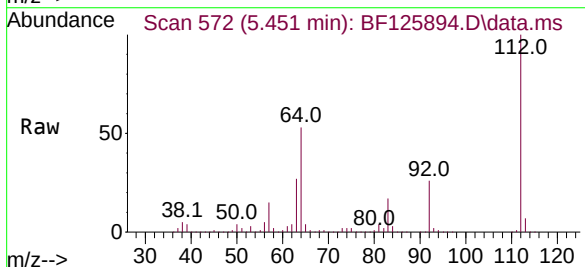
Instrument :
BNA_F
ClientSampled :
TP1-(S)

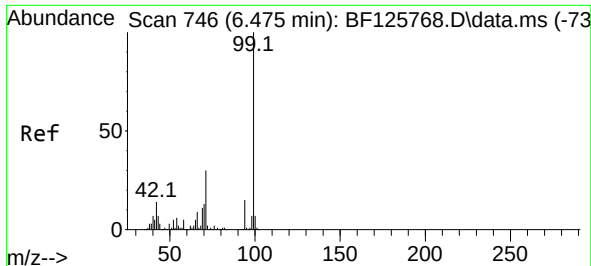
Tgt Ion:152 Resp: 153984
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 150.951 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

Tgt Ion:112 Resp: 1422852
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 26.5 26.2 39.2

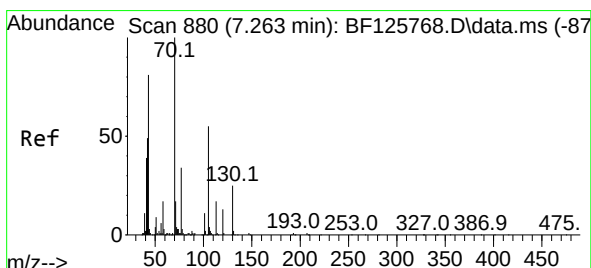
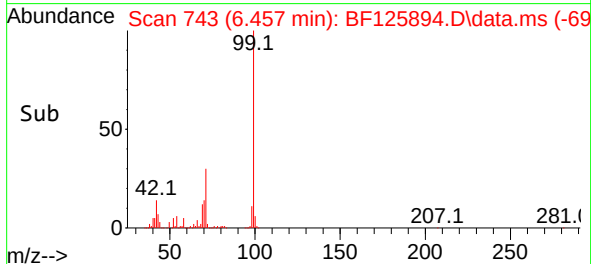
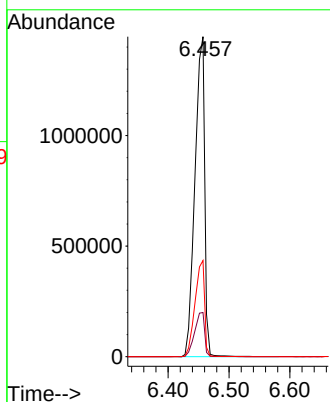
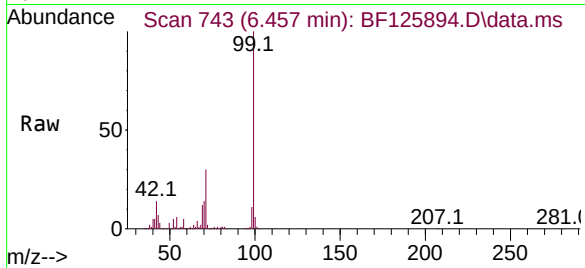




#7
Phenol-d6
Concen: 132.752 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

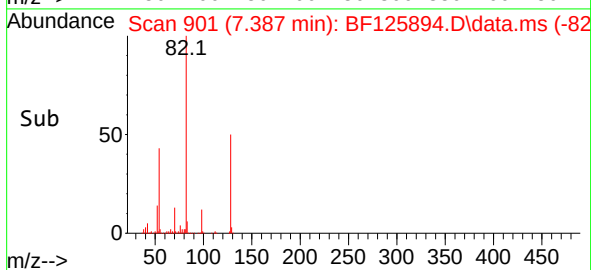
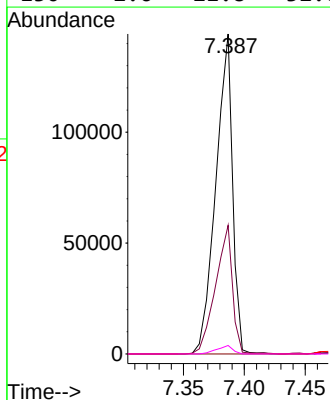
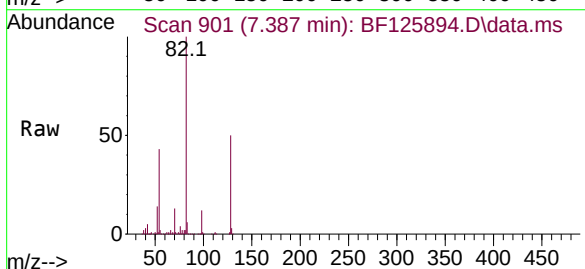
Instrument :
BNA_F
ClientSampleId :
TP1-(S)

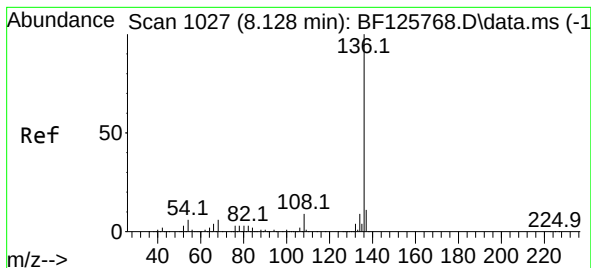
Tgt Ion: 99 Resp: 1610853
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.545 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

Tgt Ion: 70 Resp: 138006
Ion Ratio Lower Upper
70 100
42 40.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

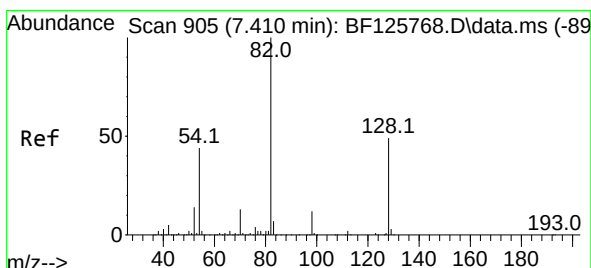
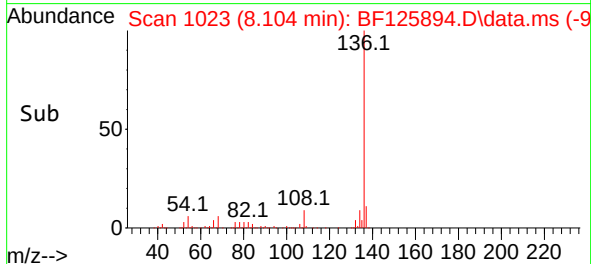
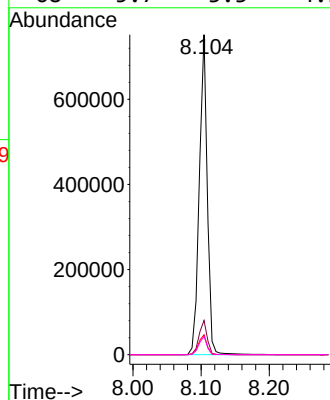
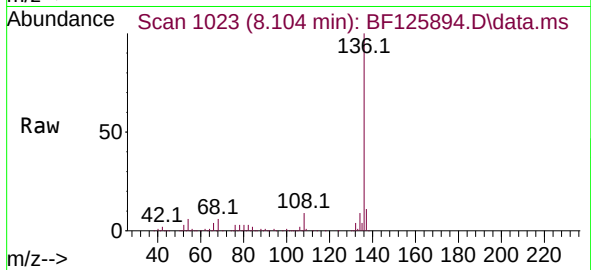




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

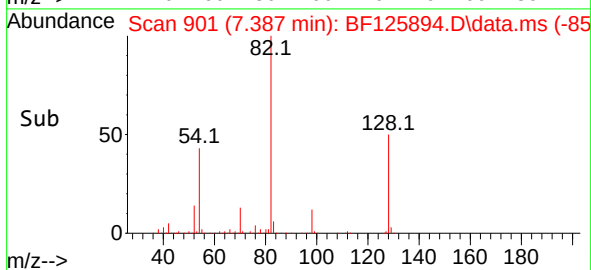
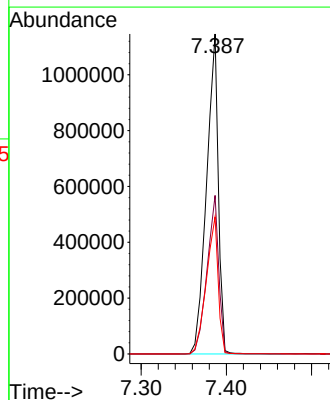
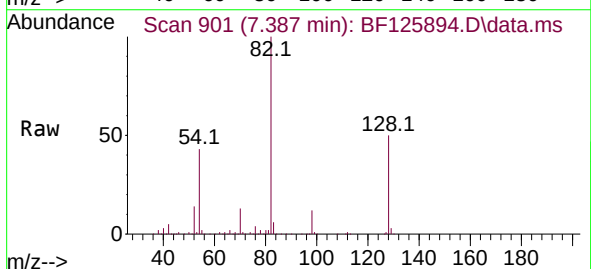
Instrument :
BNA_F
ClientSampleId :
TP1-(S)

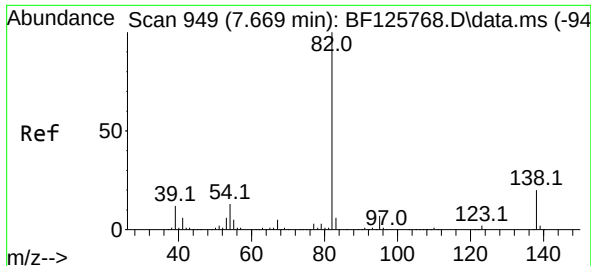
Tgt Ion:136	Resp: 612245
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 6.3	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 111.498 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

Tgt Ion: 82	Resp: 1098193
Ion Ratio	Lower Upper
82 100	
128 49.6	40.6 60.8
54 42.8	49.6 74.4#

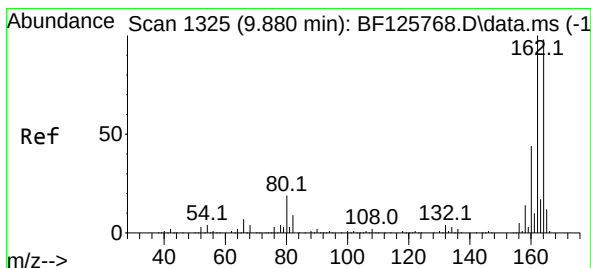
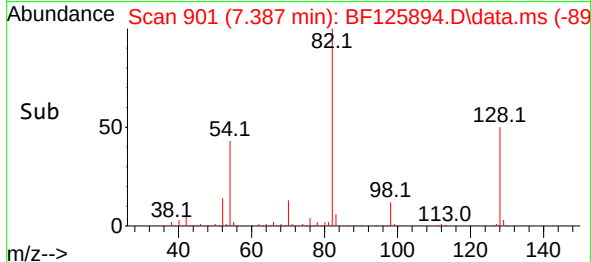
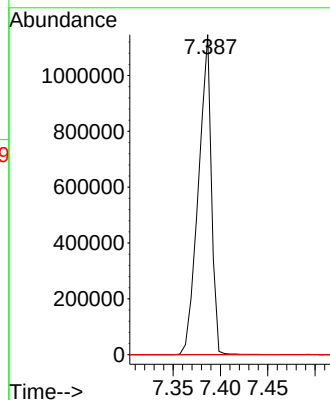
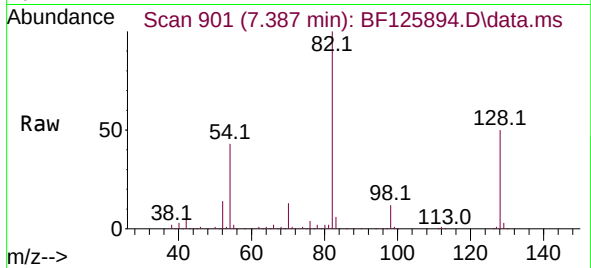




#25
Isophorone
Concen: 62.656 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

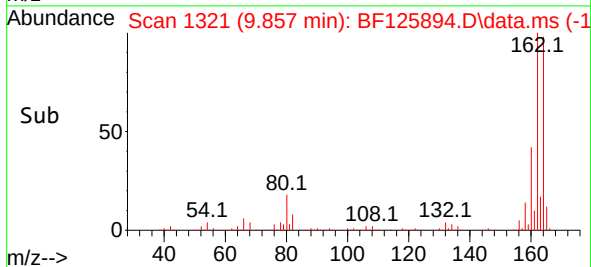
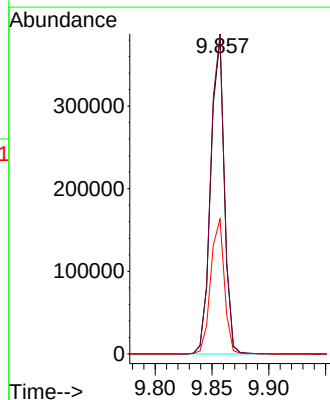
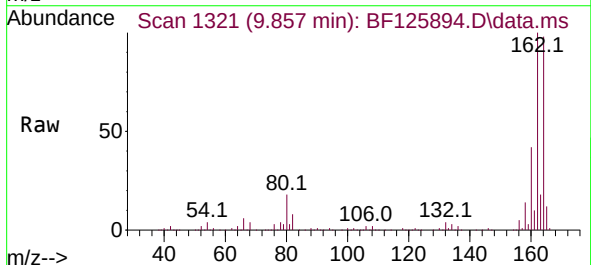
Instrument :
BNA_F
ClientSampleId :
TP1-(S)

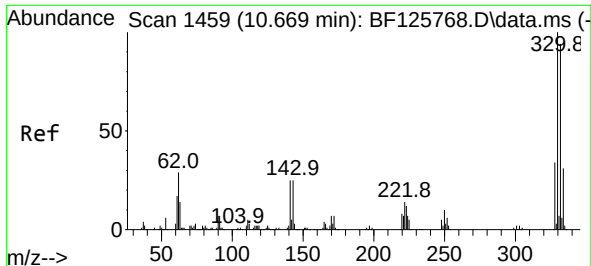
Tgt Ion: 82 Resp: 1093322
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

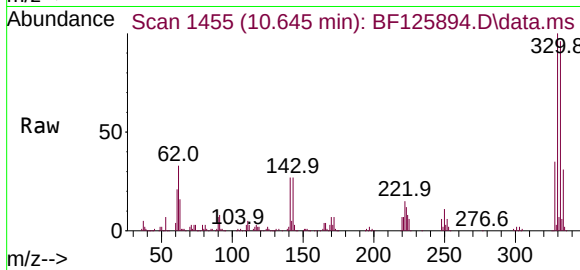
Tgt Ion:164 Resp: 316380
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 42.8 38.0 57.0



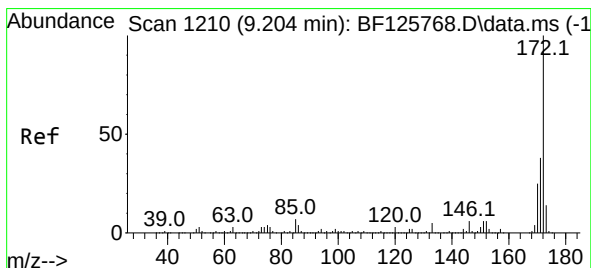
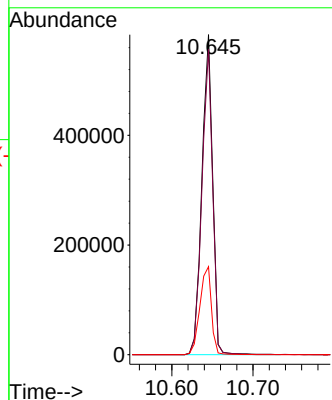
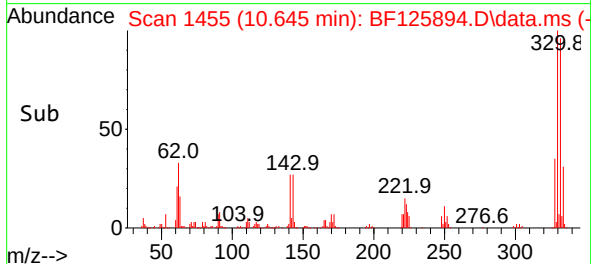


#42
 2,4,6-Tribromophenol
 Concen: 172.152 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. 0.000 min
 Lab File: BF125894.D
 Acq: 19 Oct 2021 12:04

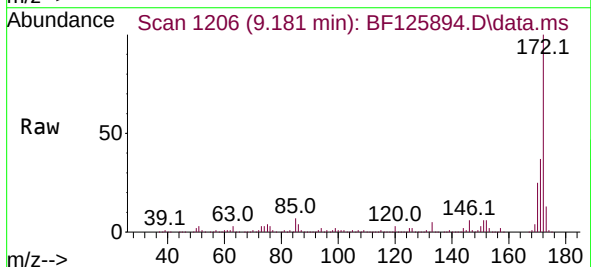
Instrument :
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 ClientSampleId :
 TP1-(S)



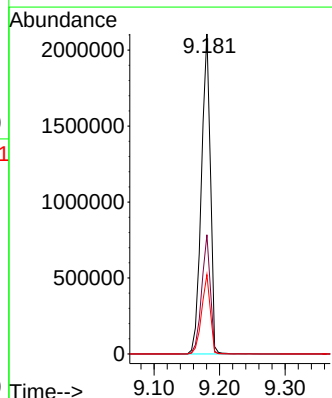
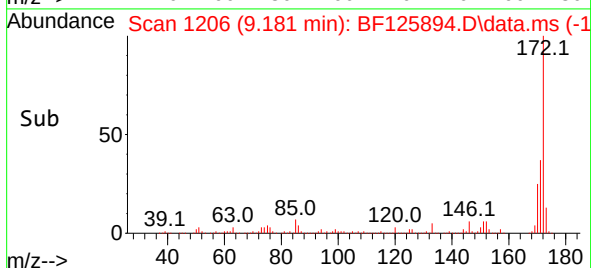
Tgt Ion:330 Resp: 537743
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 29.6 44.6 66.8#

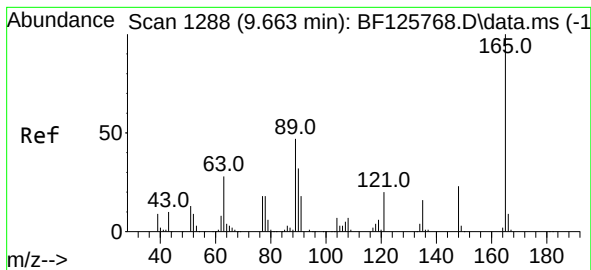


#45
 2-Fluorobiphenyl
 Concen: 109.969 ng
 RT: 9.181 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF125894.D
 Acq: 19 Oct 2021 12:04



Tgt Ion:172 Resp: 2017127
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.5 39.7
 170 24.8 18.8 28.2

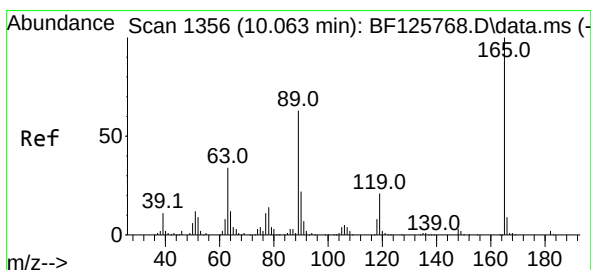
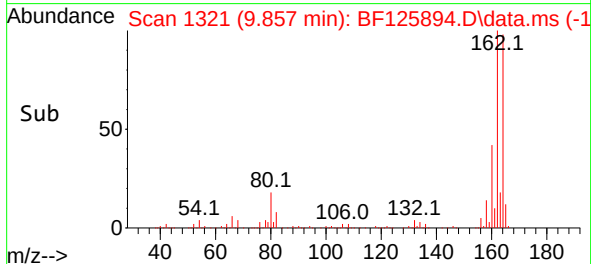
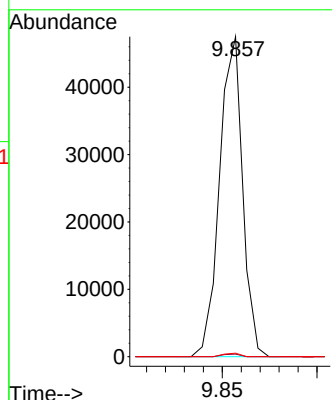
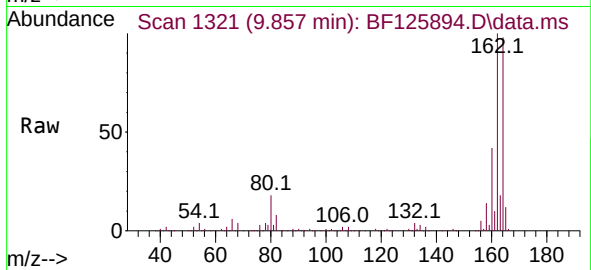




#51
2,6-Dinitrotoluene
Concen: 9.523 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

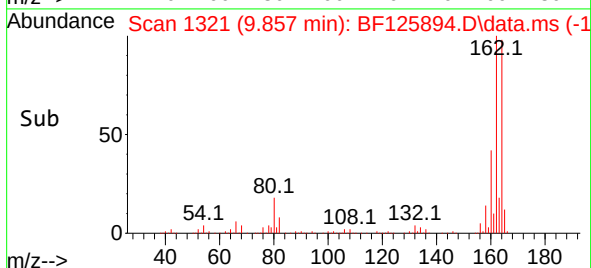
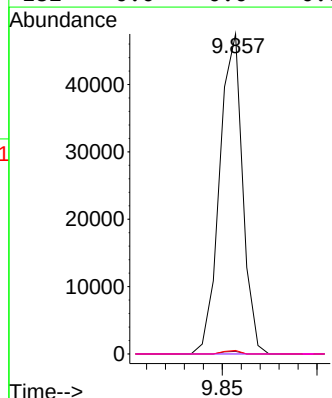
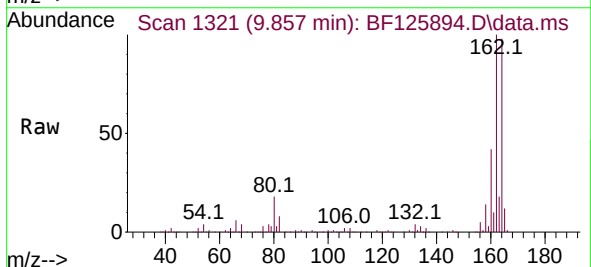
Instrument :
BNA_F
ClientSampled :
TP1-(S)

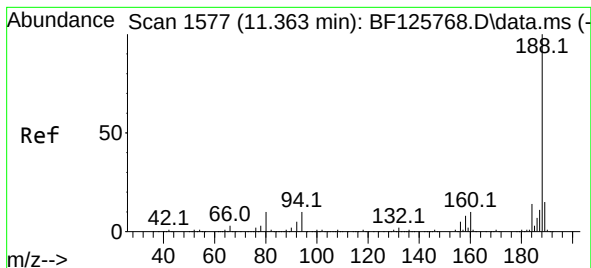
Tgt Ion:165 Resp: 40088
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.531 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

Tgt Ion:165 Resp: 40088
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

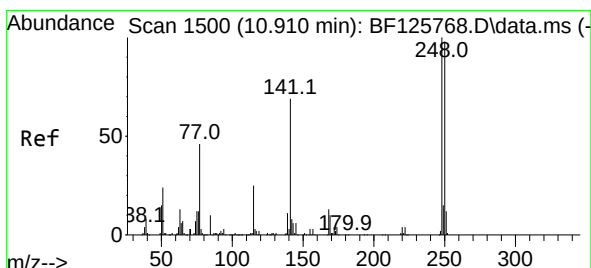
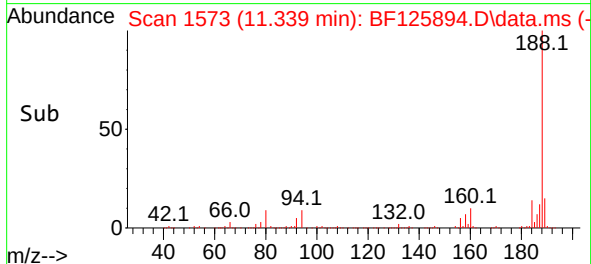
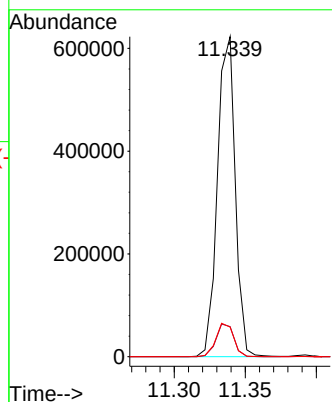
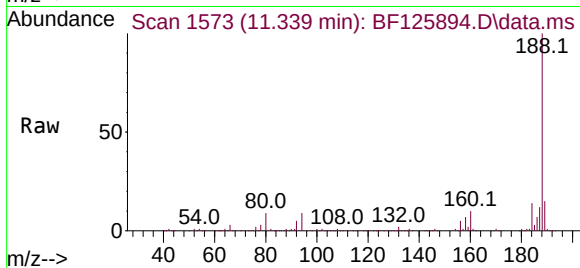




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

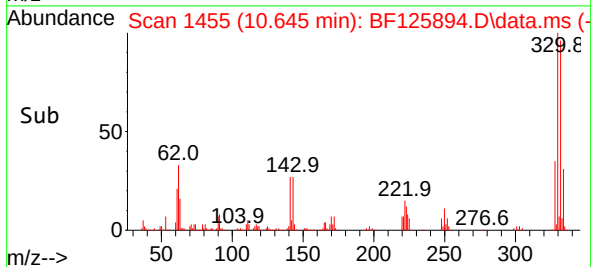
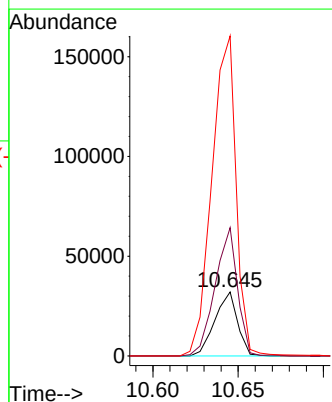
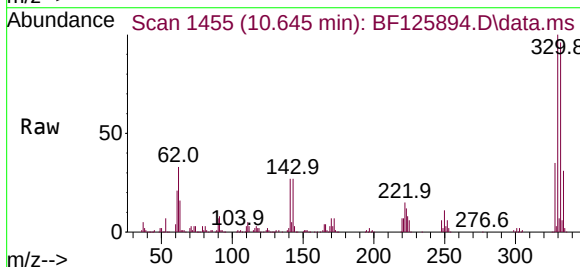
Instrument :
BNA_F
ClientSampled :
TP1-(S)

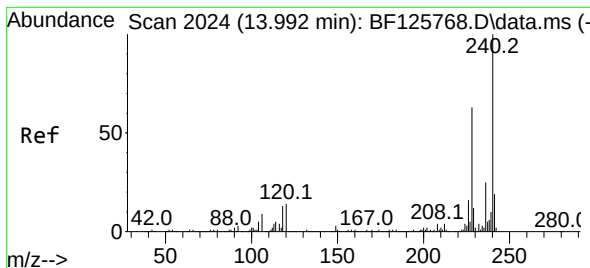
Tgt Ion:188 Resp: 541530
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.945 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

Tgt Ion:248 Resp: 29656
Ion Ratio Lower Upper
248 100
250 200.1 74.2 111.4#
141 499.3 60.4 90.6#

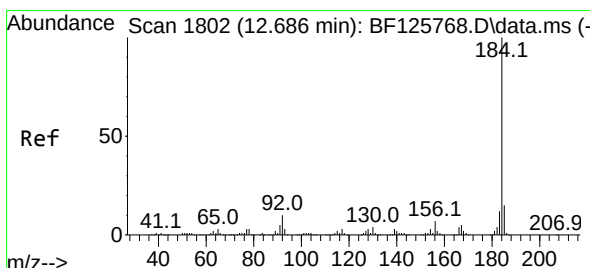
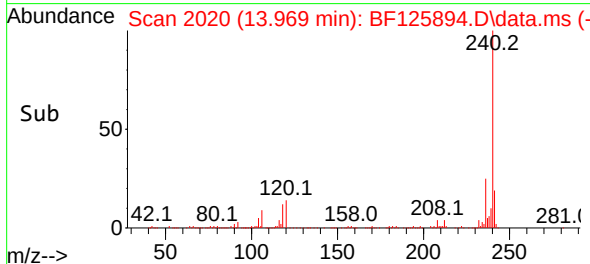
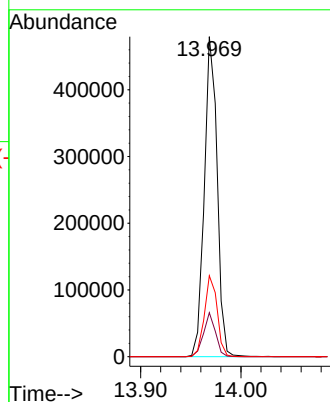
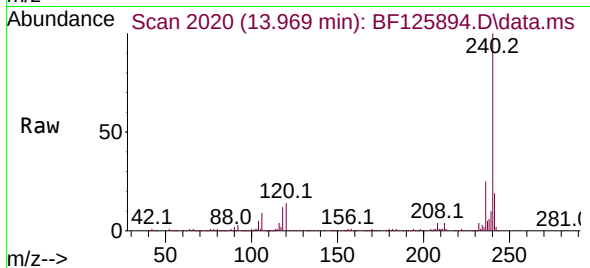




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

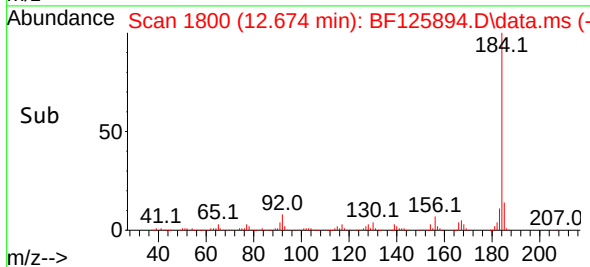
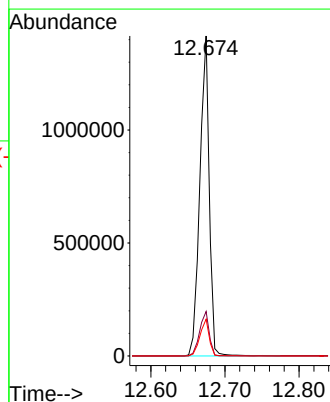
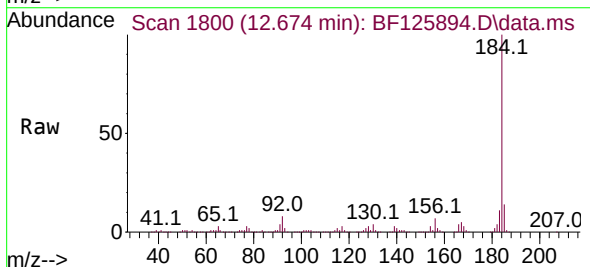
Instrument :
BNA_F
ClientSampleId :
TP1-(S)

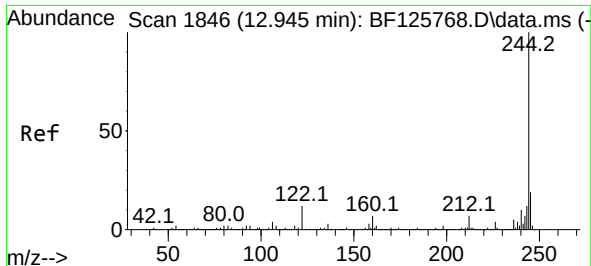
Tgt Ion:240 Resp: 427619
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.3 21.6 32.4



#77
Benzidine
Concen: 79.537 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF125894.D
Acq: 19 Oct 2021 12:04

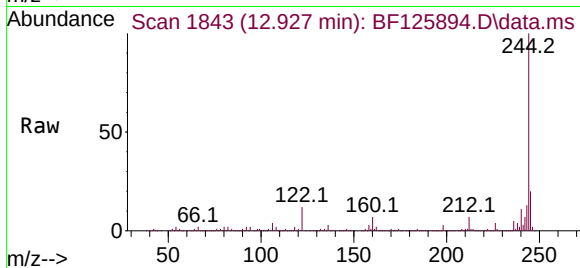
Tgt Ion:184 Resp: 1244636
Ion Ratio Lower Upper
184 100
185 13.9 10.8 16.2
183 11.5 8.1 12.1



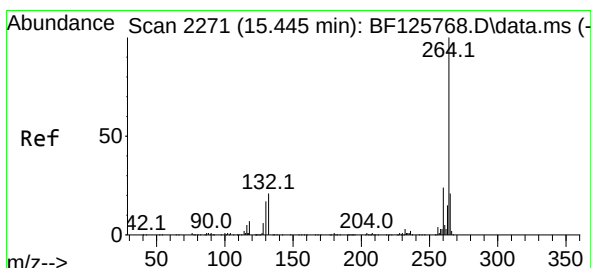
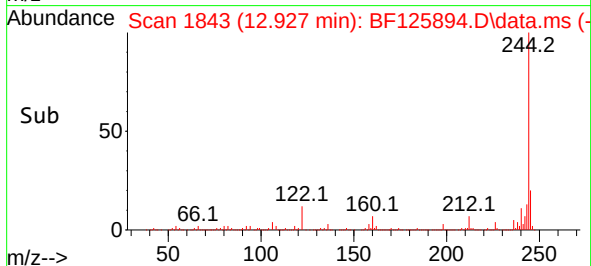
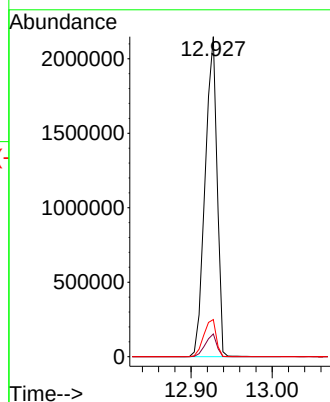


#79
 Terphenyl-d14
 Concen: 78.093 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF125894.D
 Acq: 19 Oct 2021 12:04

Instrument :
 BNA_F
 ClientSampled :
 TP1-(S)



Tgt Ion:244 Resp: 2192273
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.6 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: BF125894.D
 Acq: 19 Oct 2021 12:04

Tgt Ion:264 Resp: 318785
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.7 17.2 25.8

