

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125881.D
 Acq On : 18 Oct 2021 17:16
 Operator : JU/CG
 Sample : M4243-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

Quant Time: Oct 19 09:07:44 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)

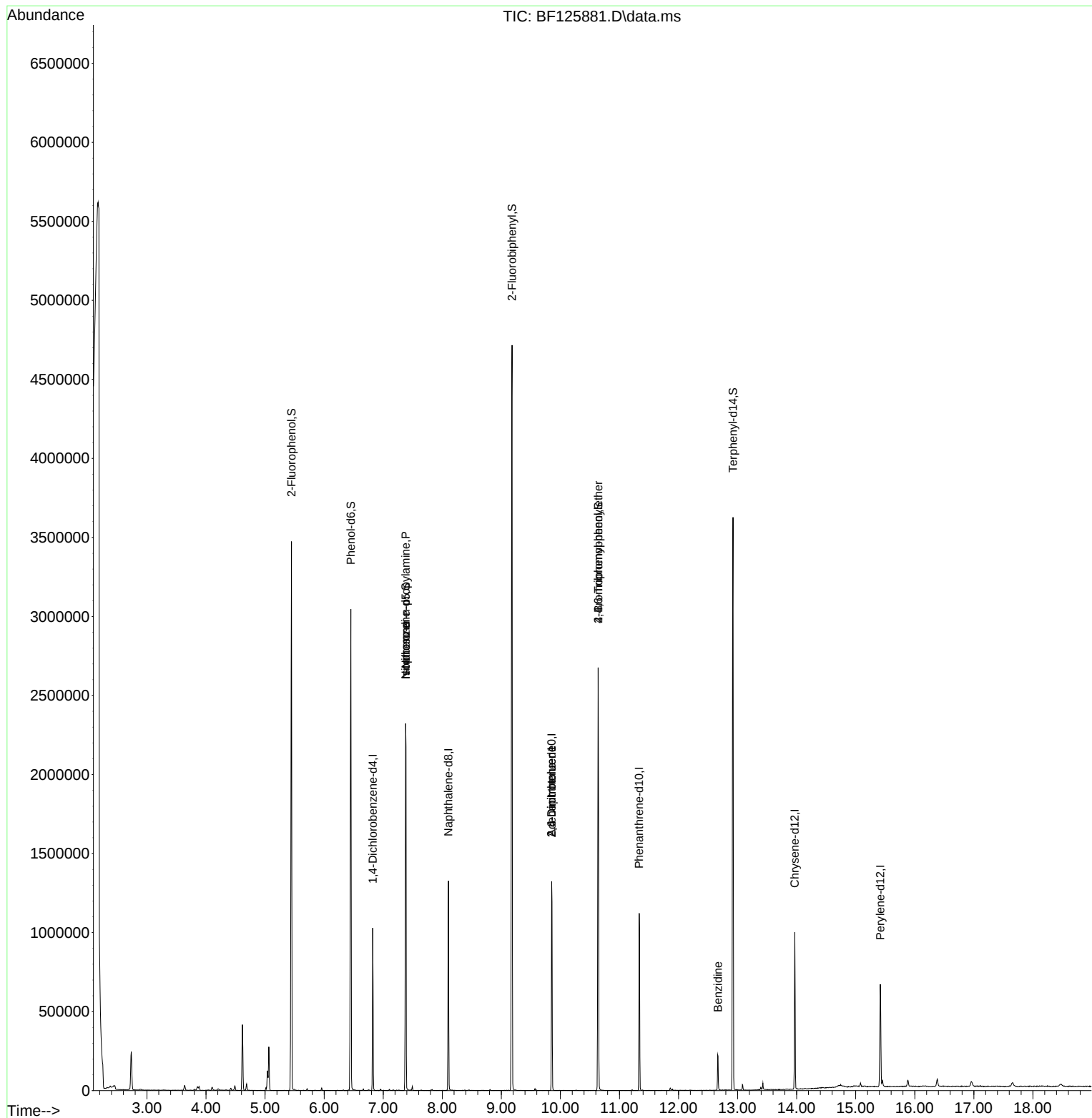
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145666	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	585622	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	288379	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	410642	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	307247	20.000	ng	0.00
86) Perylene-d12	15.415	264	285520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1062939	119.207	ng	0.00
7) Phenol-d6	6.451	99	1170769	101.994	ng	0.00
23) Nitrobenzene-d5	7.381	82	829027	87.996	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	334450	117.467	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1571329	93.983	ng	0.00
79) Terphenyl-d14	12.922	244	1209455	59.962	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	102639	16.938	ng	# 50
25) Isophorone	7.381	82	826486	49.517	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	36309	9.462	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	36309	7.484	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	19100	4.200	ng	# 1
77) Benzidine	12.669	184	87760	7.805	ng	97

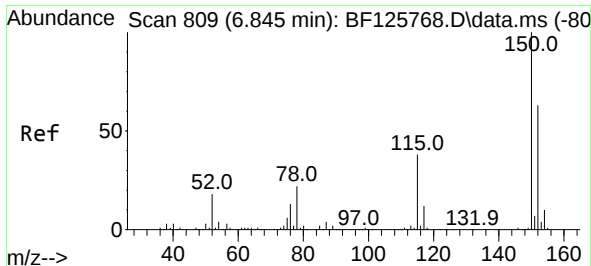
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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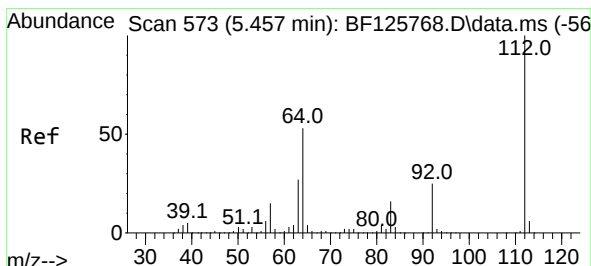
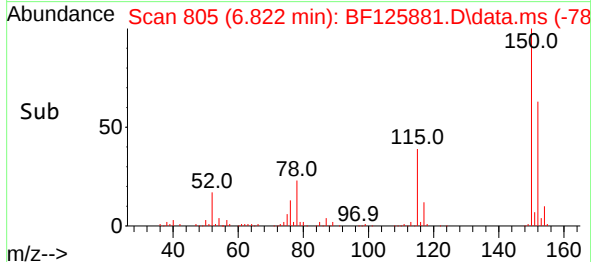
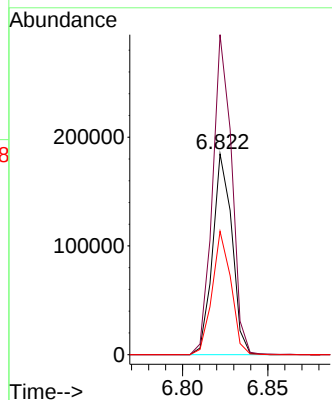
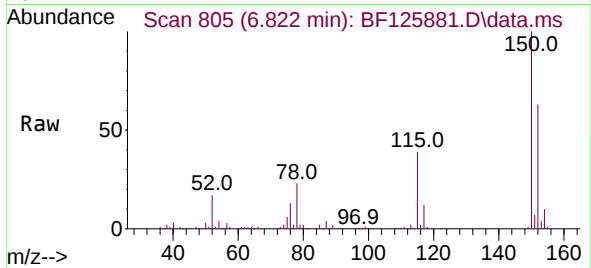




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

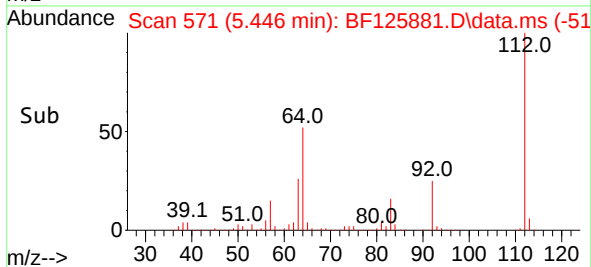
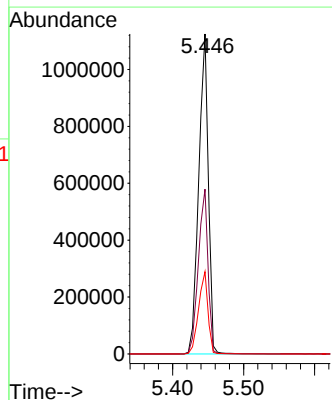
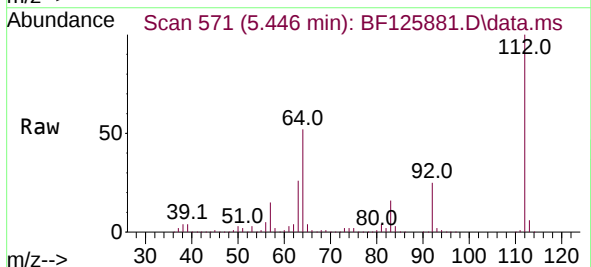
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

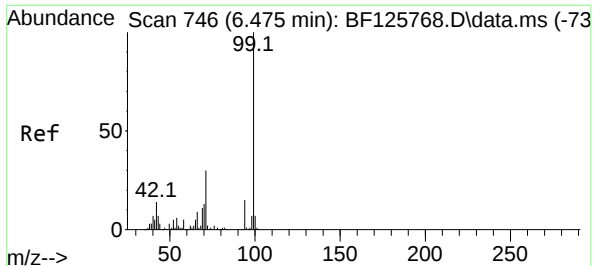
Tgt Ion:152 Resp: 145666
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 119.207 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:112 Resp: 1062939
Ion Ratio Lower Upper
112 100
64 51.5 44.2 66.2
63 25.7 26.2 39.2#

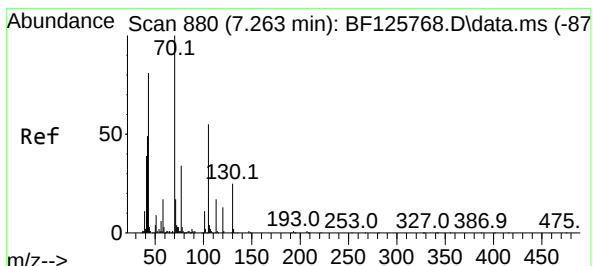
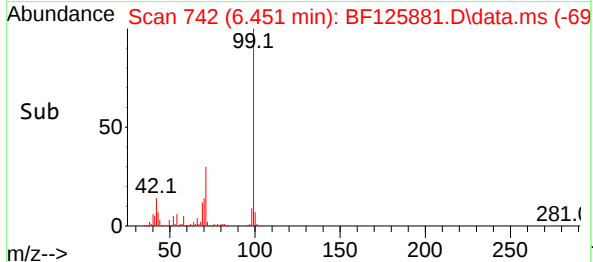
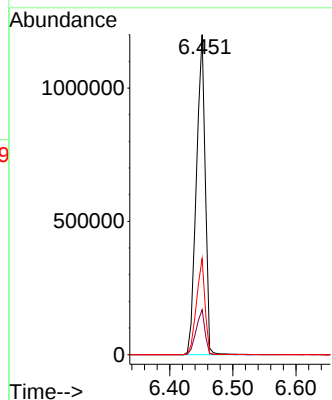
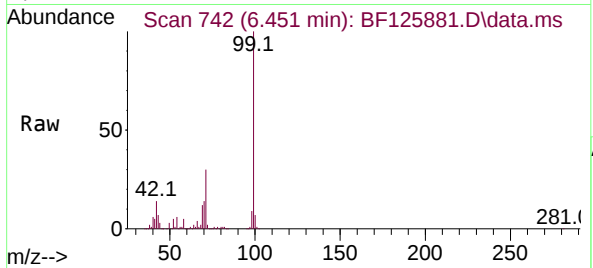




#7
Phenol-d6
Concen: 101.994 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

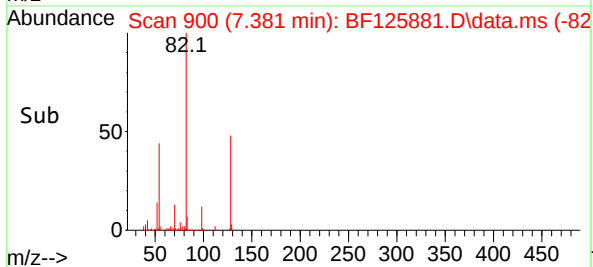
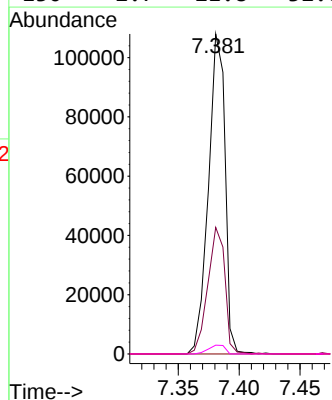
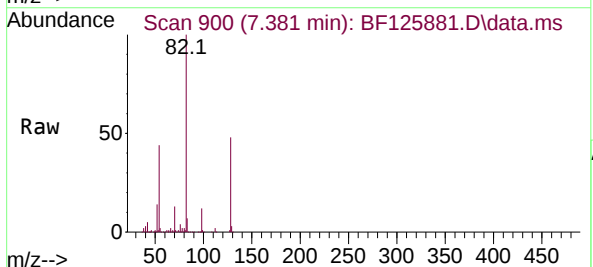
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

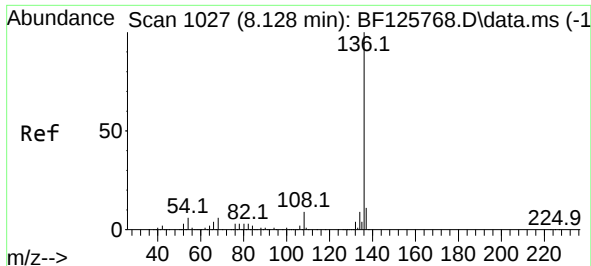
Tgt Ion: 99 Resp: 1170769
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.938 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion: 70 Resp: 102639
Ion Ratio Lower Upper
70 100
42 39.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

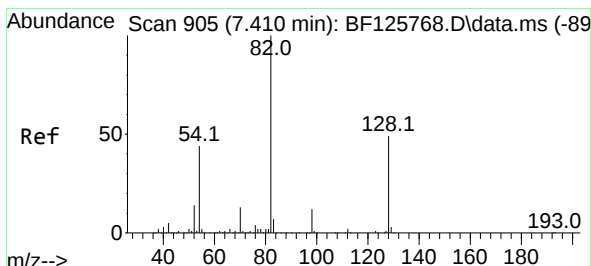
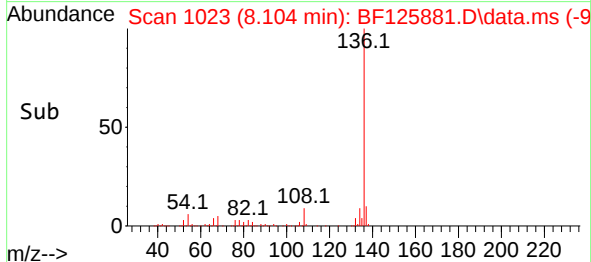
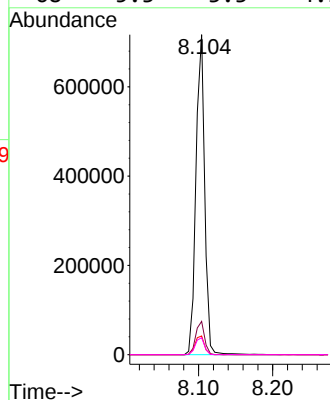
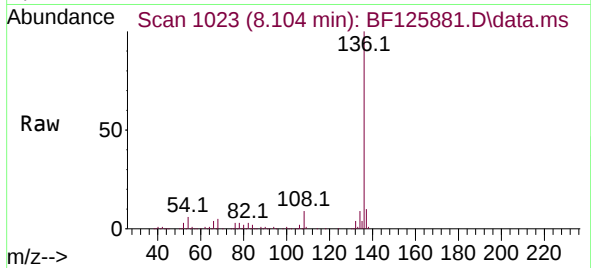




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

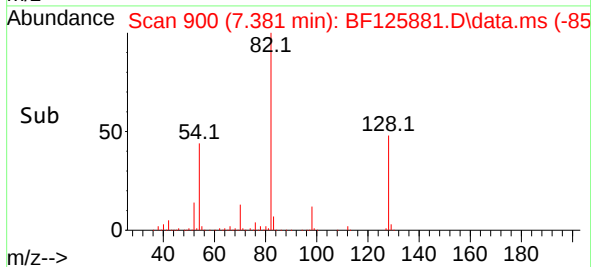
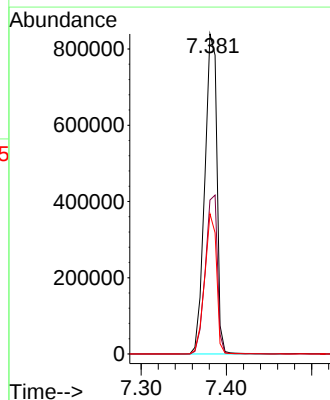
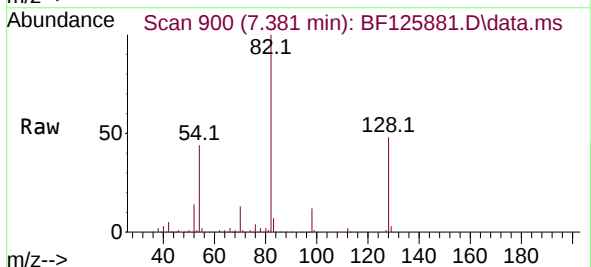
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

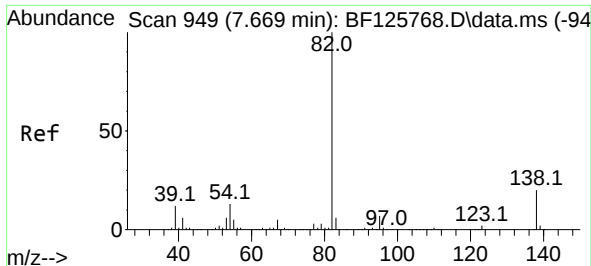
Tgt Ion:136	Resp: 585622
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 5.9	6.4 9.6#
68 5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.996 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion: 82	Resp: 829027
Ion Ratio	Lower Upper
82 100	
128 48.1	40.6 60.8
54 43.8	49.6 74.4#

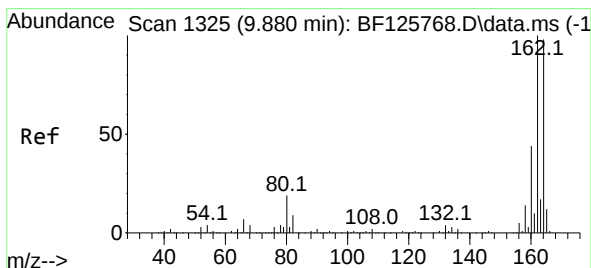
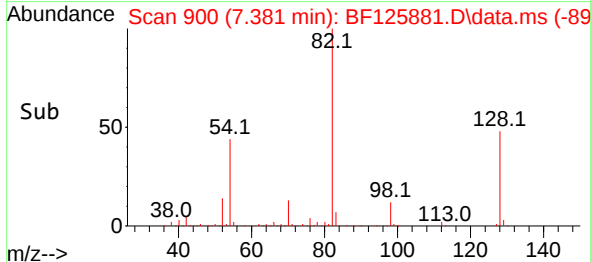
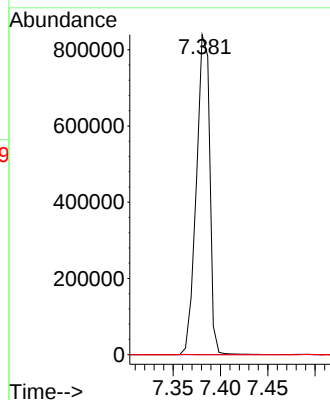
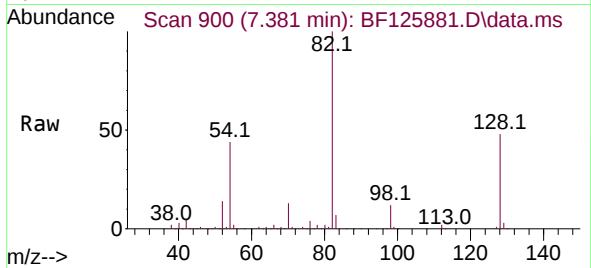




#25
Isophorone
Concen: 49.517 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.270 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

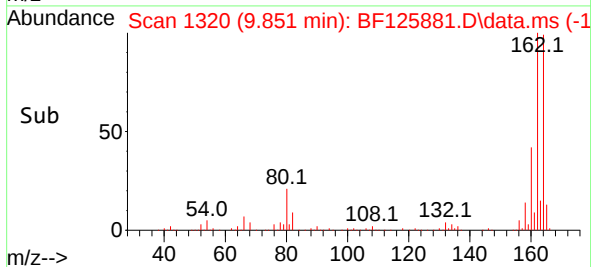
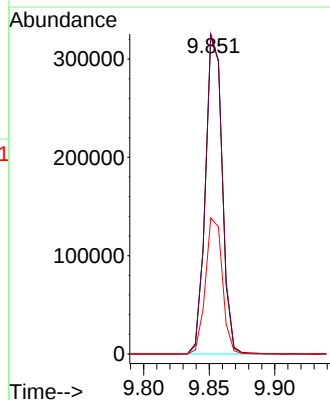
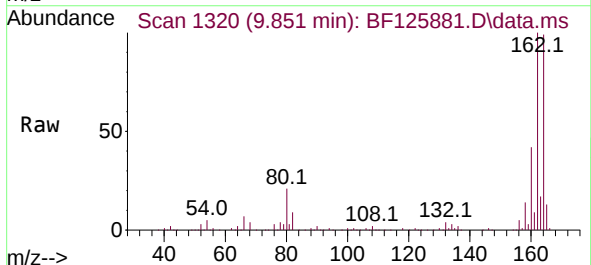
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

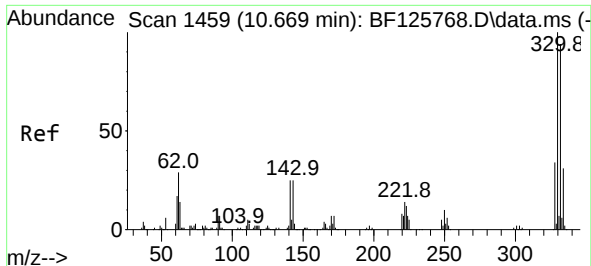
Tgt Ion: 82 Resp: 826486
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion: 164 Resp: 288379
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 42.8 38.0 57.0

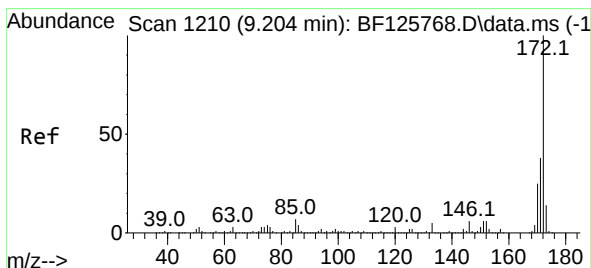
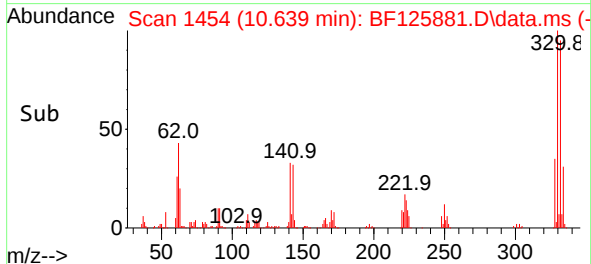
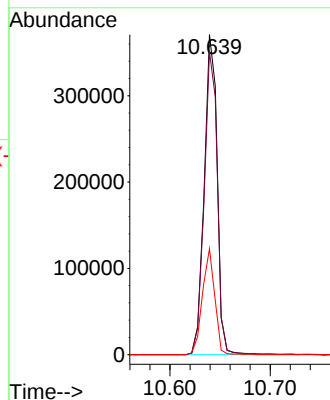
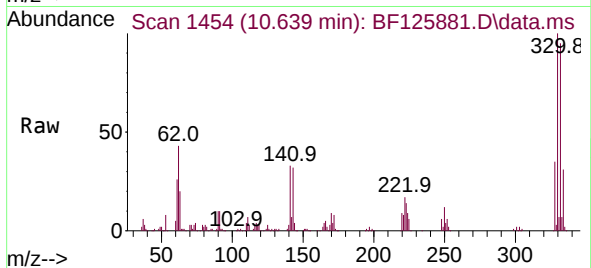




#42
2,4,6-Tribromophenol
Concen: 117.467 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

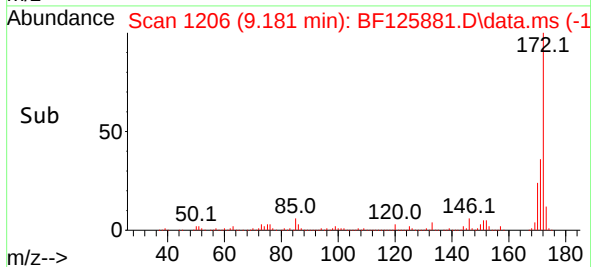
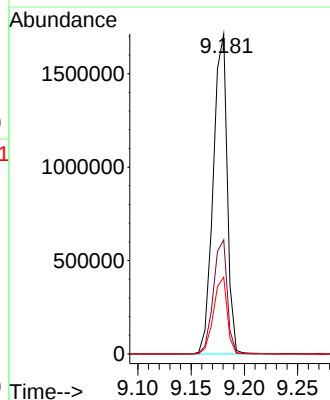
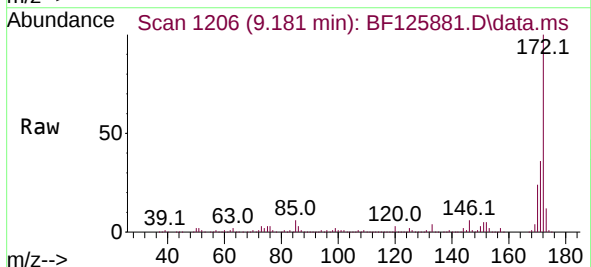
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T3-COMP-(1-4)

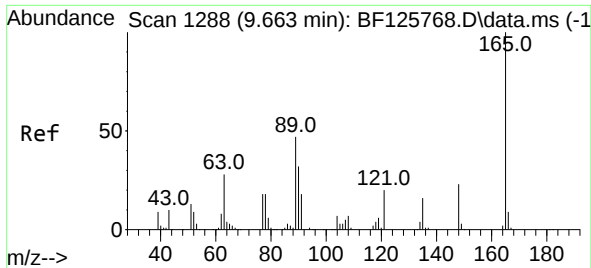
Tgt Ion:330 Resp: 334450
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 93.983 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:172 Resp: 1571329
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2

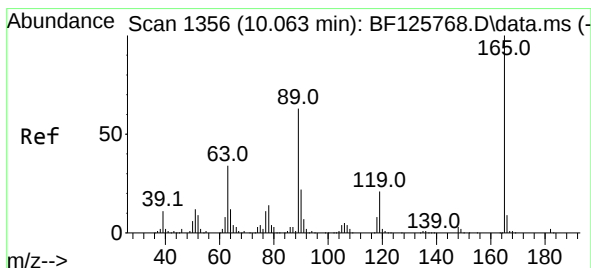
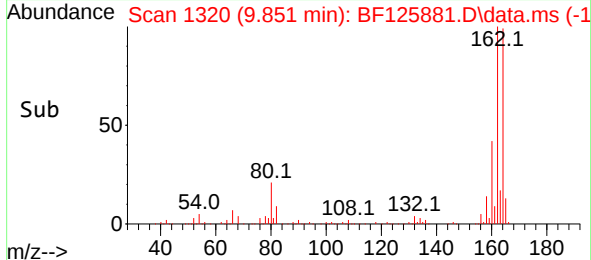
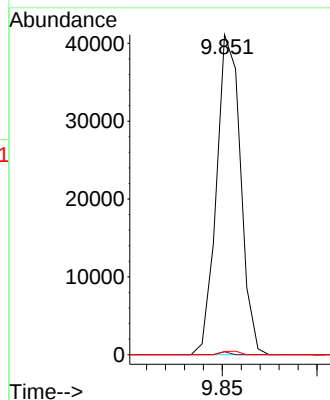
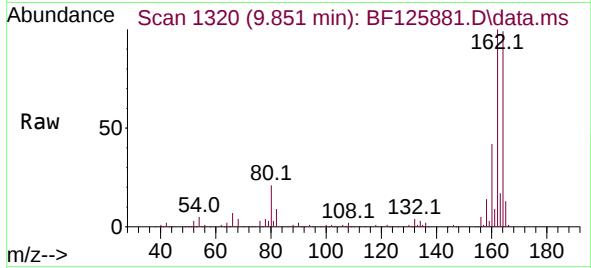




#51
2,6-Dinitrotoluene
Concen: 9.462 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

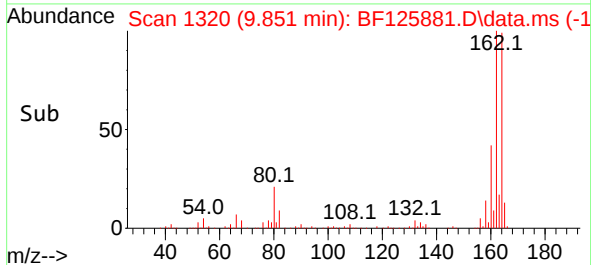
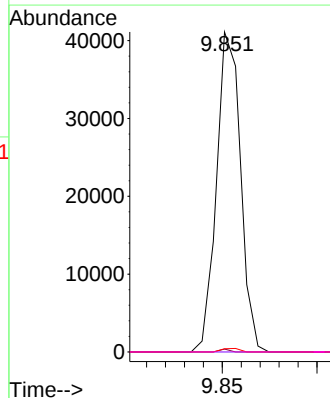
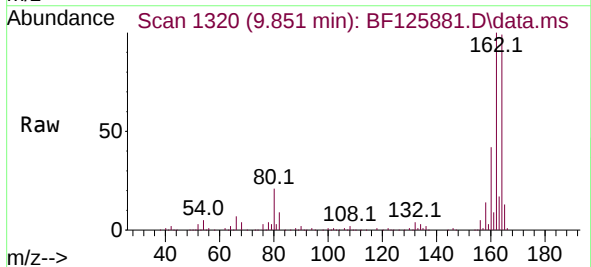
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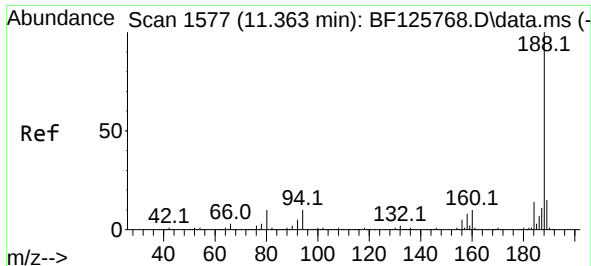
Tgt Ion:165 Resp: 36309
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.484 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.194 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:165 Resp: 36309
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

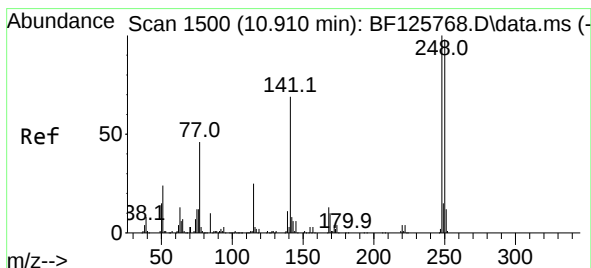
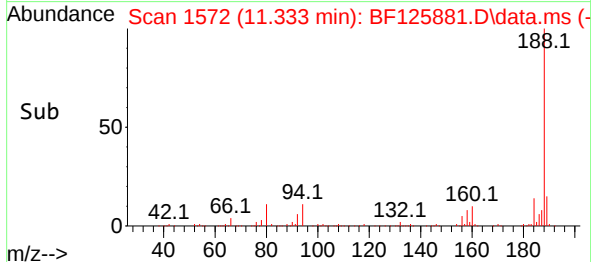
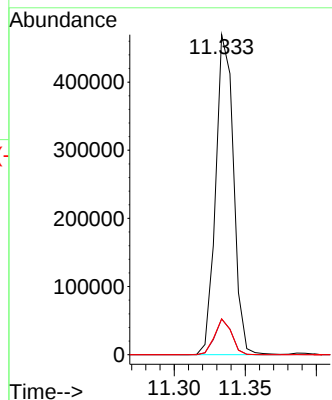
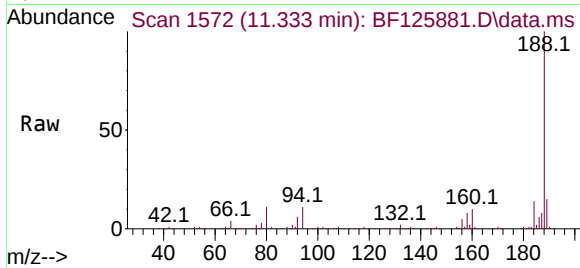




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

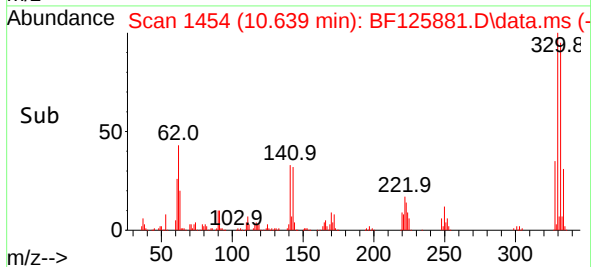
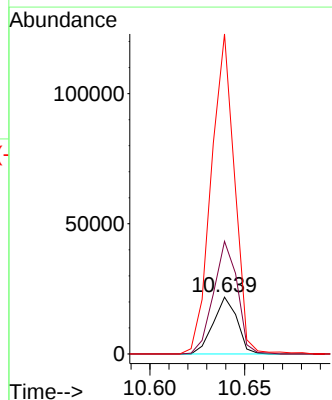
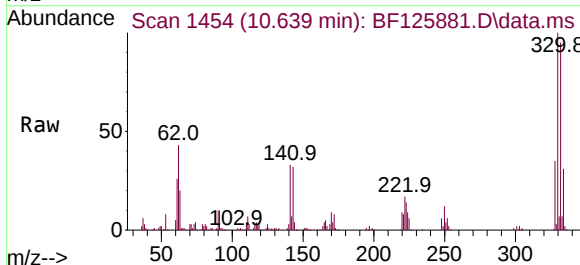
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

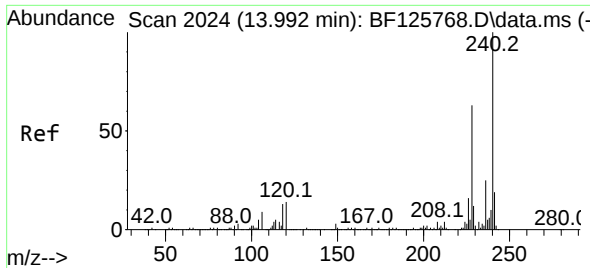
Tgt Ion:188 Resp: 410642
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.200 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:248 Resp: 19100
Ion Ratio Lower Upper
248 100
250 198.5 74.2 111.4#
141 563.6 60.4 90.6#

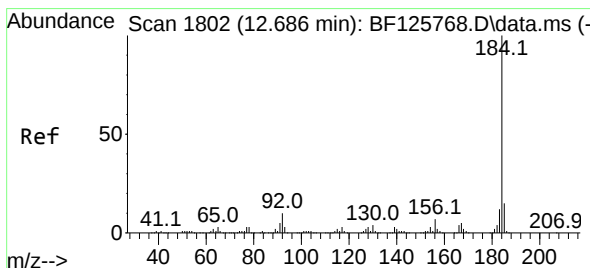
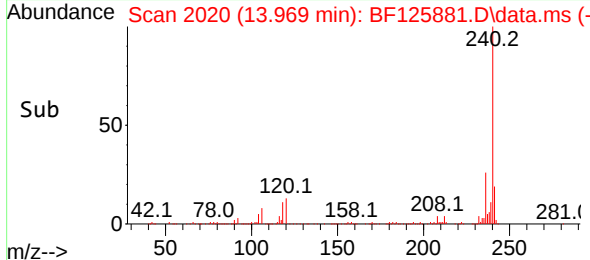
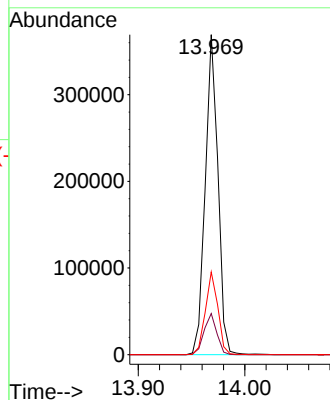
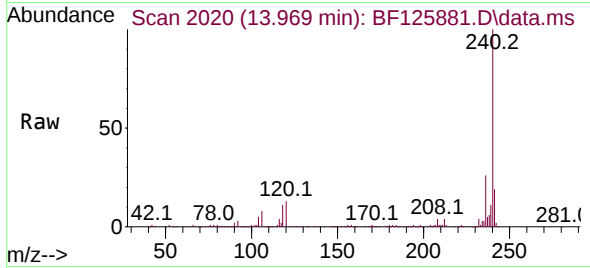




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

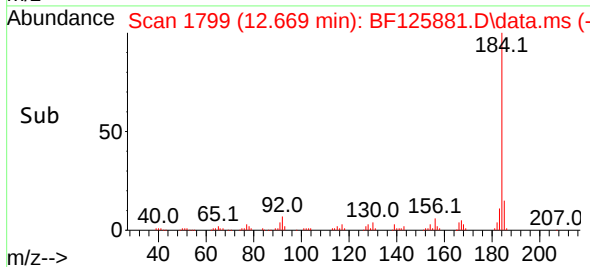
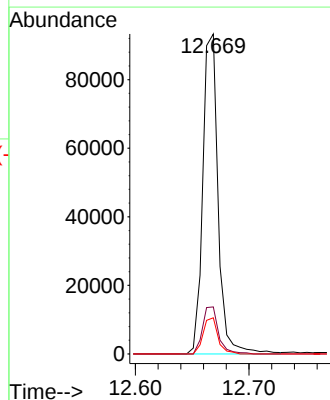
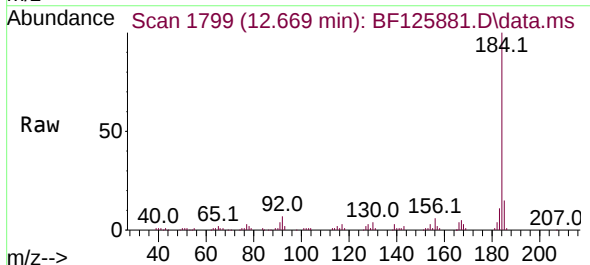
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

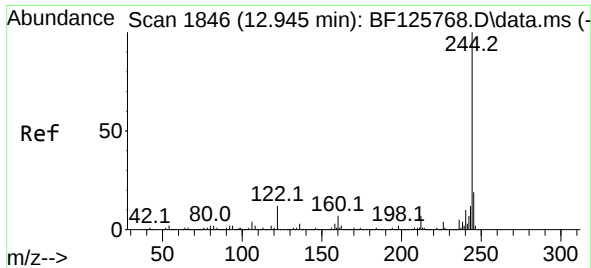
Tgt Ion:240 Resp: 307247
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.9 21.6 32.4



#77
Benzidine
Concen: 7.805 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:184 Resp: 87760
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 11.3 8.1 12.1

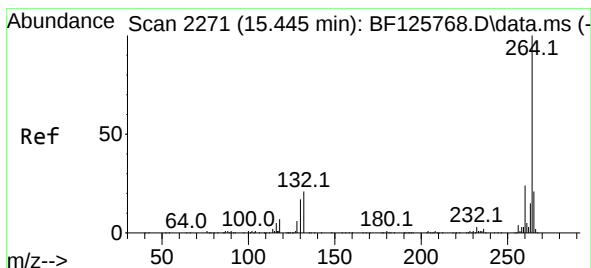
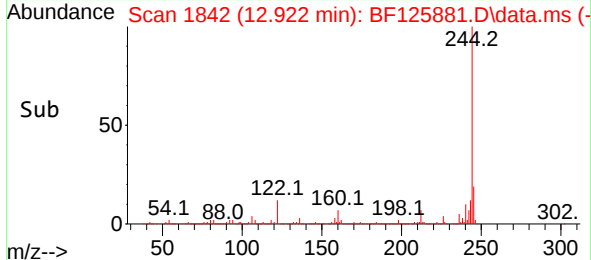
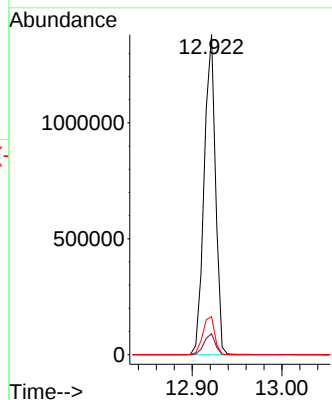
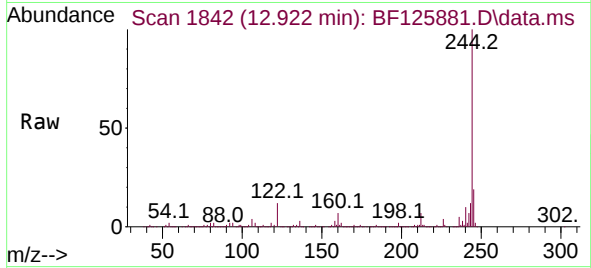




#79
Terphenyl-d14
Concen: 59.962 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Tgt Ion:244 Resp: 1209455
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF125881.D
Acq: 18 Oct 2021 17:16

Tgt Ion:264 Resp: 285520
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.9 17.2 25.8

