

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125883.D
 Acq On : 18 Oct 2021 18:20
 Operator : JU/CG
 Sample : M4243-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-COMP-(1-4)

Quant Time: Oct 19 09:08:02 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)

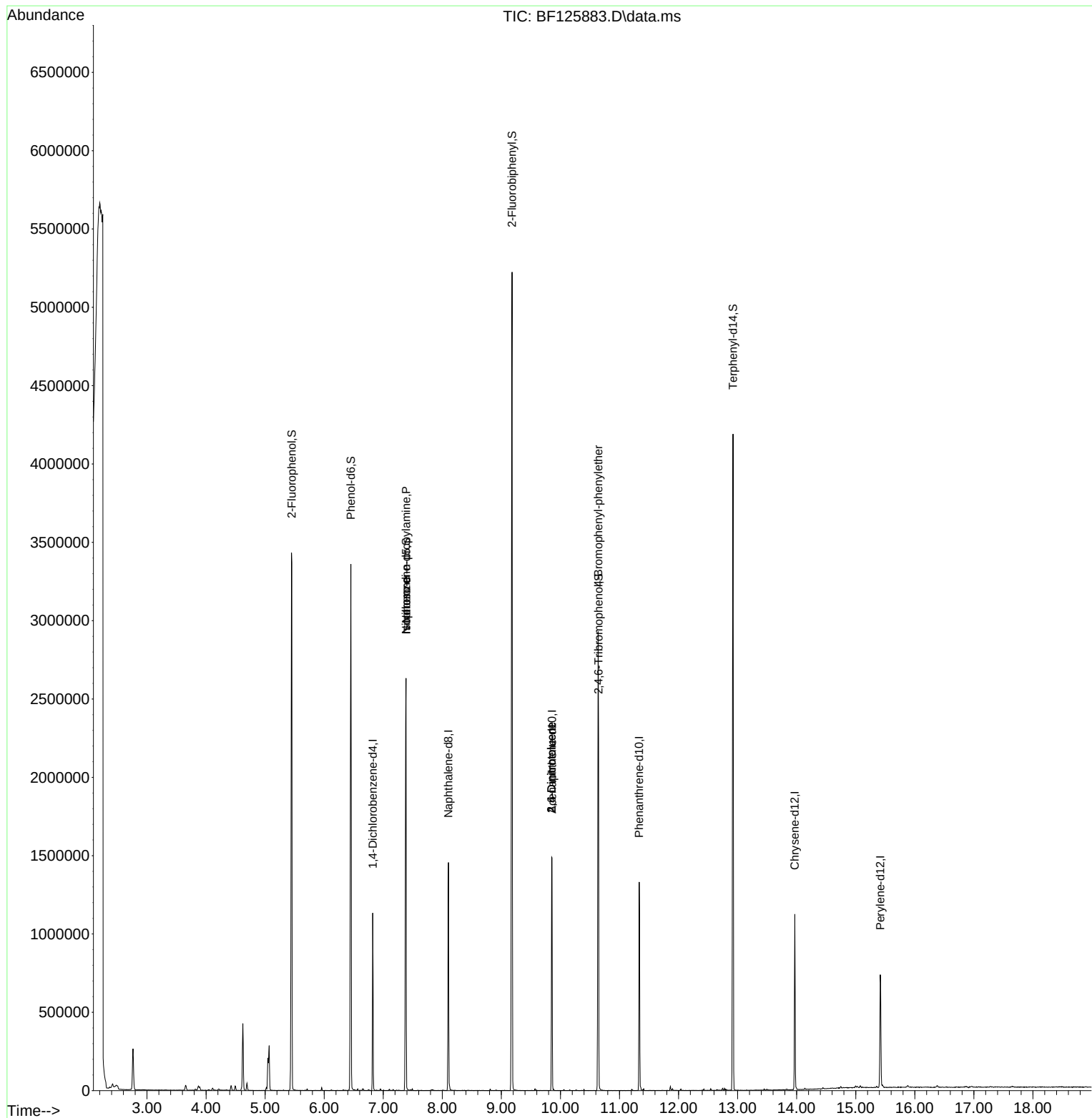
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161316	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	657328	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	334768	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	489343	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	344663	20.000	ng	0.00
86) Perylene-d12	15.415	264	315356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1202485	121.774	ng	0.01
7) Phenol-d6	6.451	99	1330683	104.679	ng	0.00
23) Nitrobenzene-d5	7.386	82	917510	86.764	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	386702	116.998	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1742617	89.785	ng	0.00
79) Terphenyl-d14	12.921	244	1348229	59.586	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	116639	17.381	ng	# 49
25) Isophorone	7.386	82	913490	48.760	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	42681	9.582	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	42681	7.578	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	22074	4.073	ng	# 1

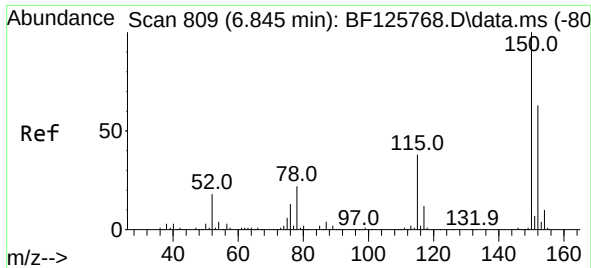
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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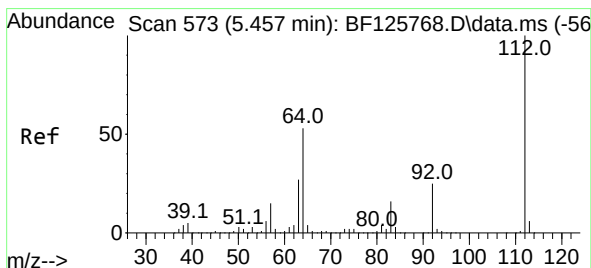
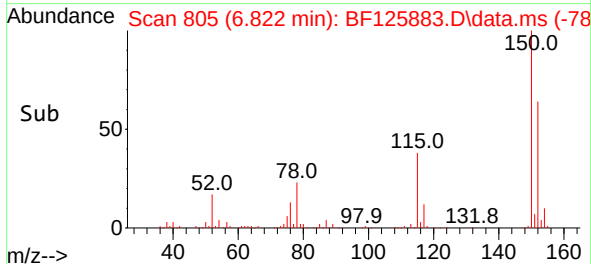
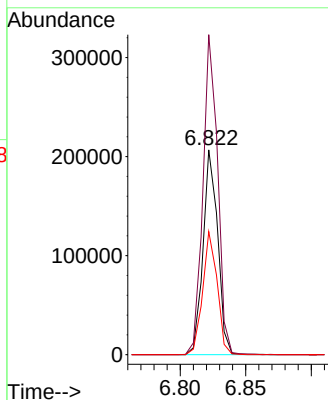
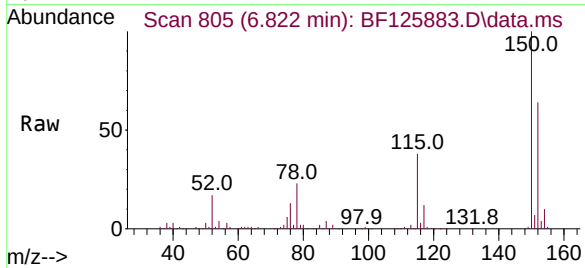




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF125883.D
 Acq: 18 Oct 2021 18:20

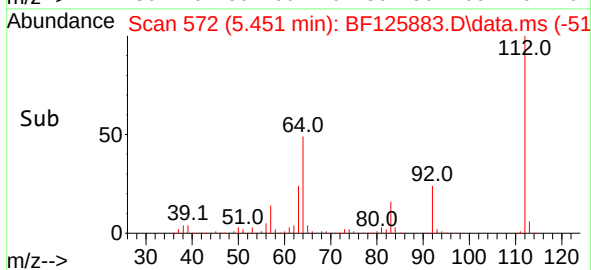
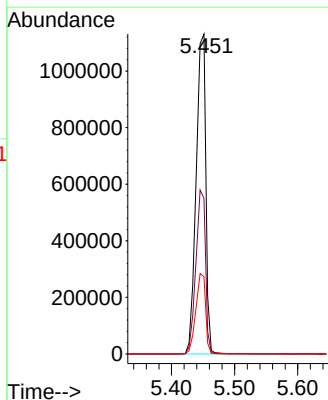
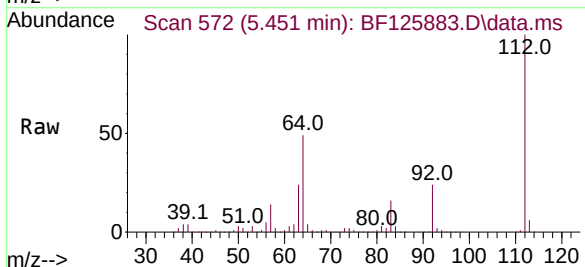
Instrument :
 BNA_F
 ClientSampleId :
 T4-COMP-(1-4)

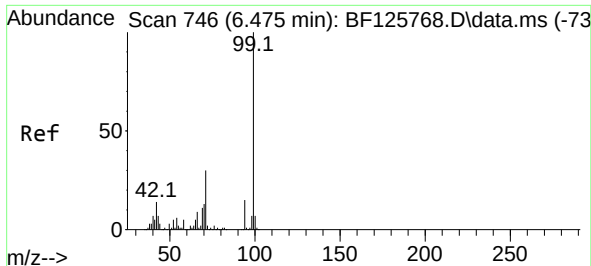
Tgt Ion:152 Resp: 161316
 Ion Ratio Lower Upper
 152 100
 150 156.2 117.6 176.4
 115 60.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 121.774 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: BF125883.D
 Acq: 18 Oct 2021 18:20

Tgt Ion:112 Resp: 1202485
 Ion Ratio Lower Upper
 112 100
 64 48.6 44.2 66.2
 63 24.1 26.2 39.2#

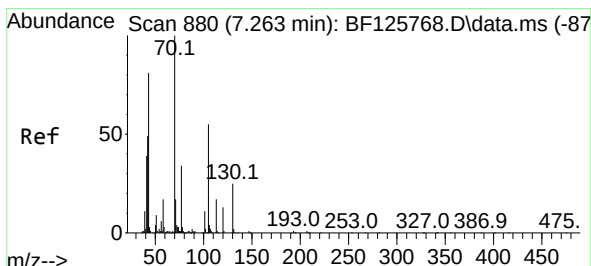
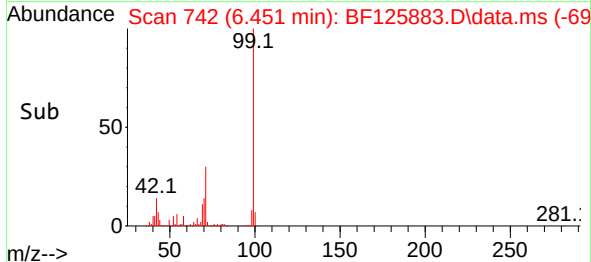
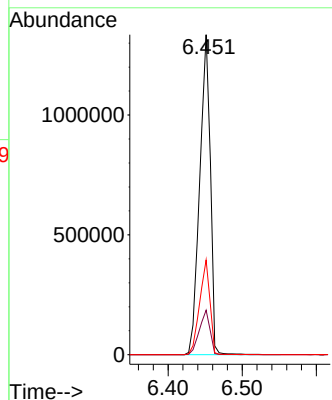
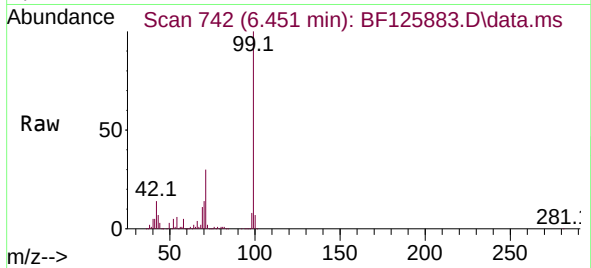




#7
Phenol-d6
Concen: 104.679 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

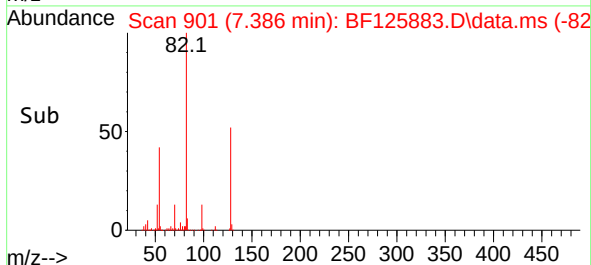
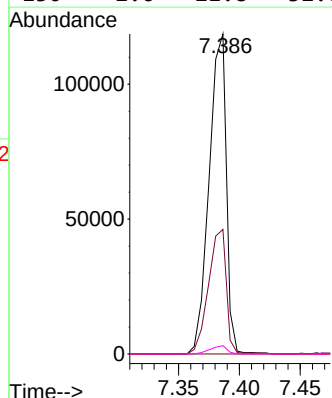
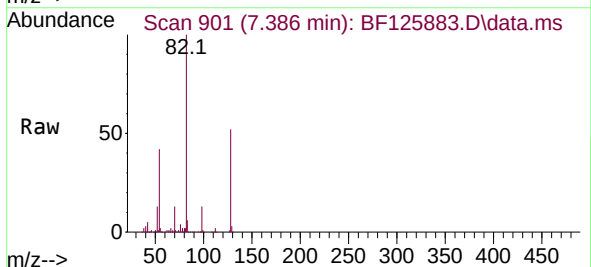
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

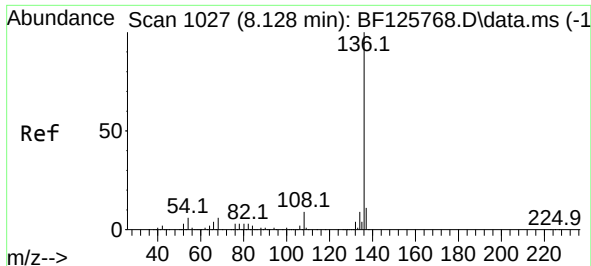
Tgt Ion: 99 Resp: 1330683
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.381 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion: 70 Resp: 116639
Ion Ratio Lower Upper
70 100
42 38.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

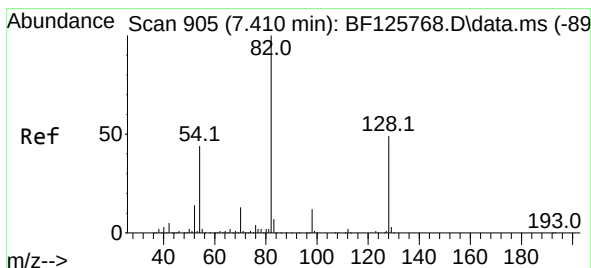
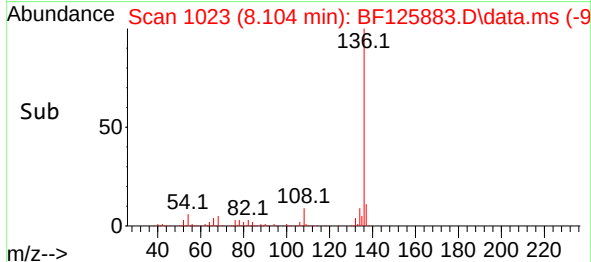
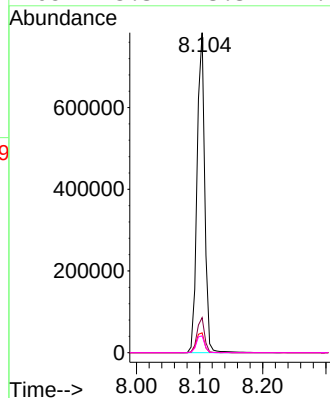
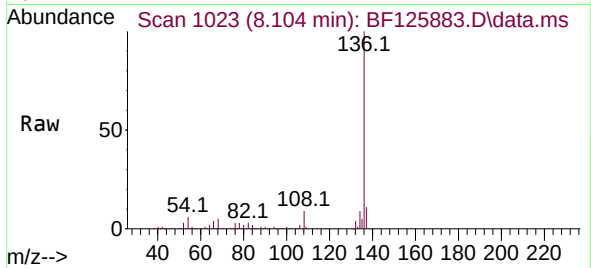




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

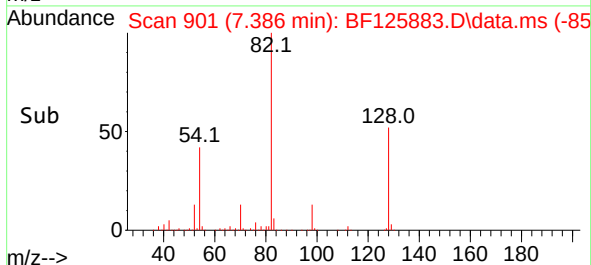
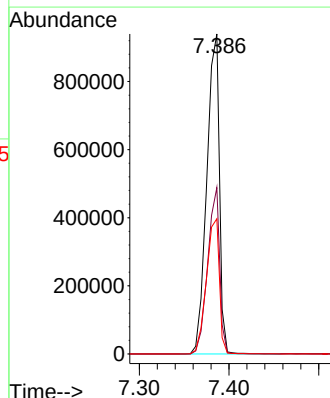
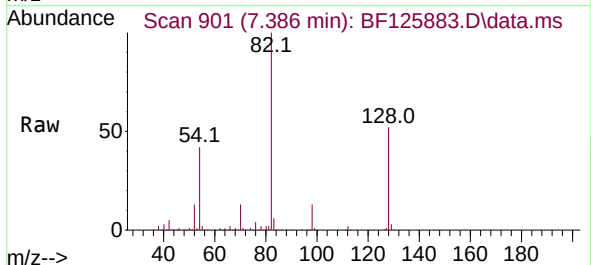
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

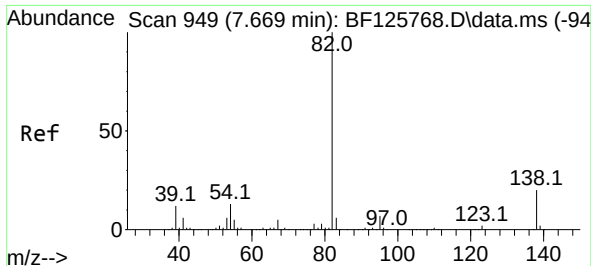
Tgt Ion:136	Resp: 657328
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 6.2	6.4 9.6#
68 5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.764 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion: 82	Resp: 917510
Ion Ratio	Lower Upper
82 100	
128 52.0	40.6 60.8
54 42.2	49.6 74.4#

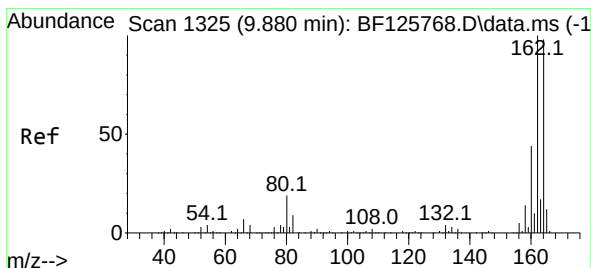
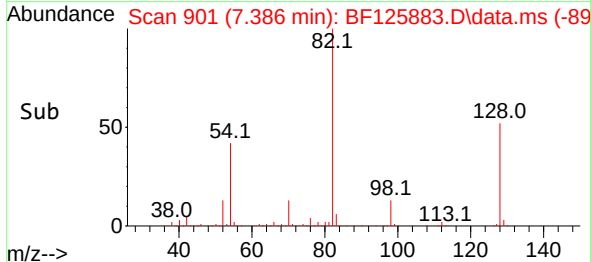
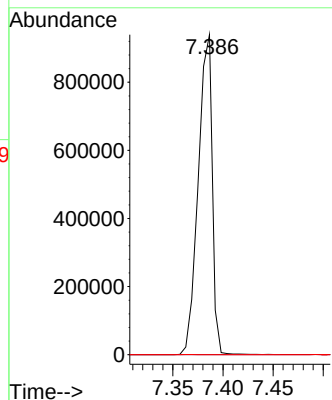
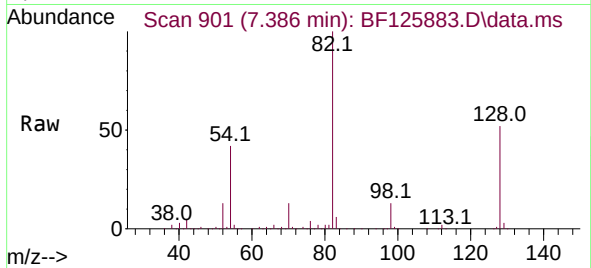




#25
Isophorone
Concen: 48.760 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

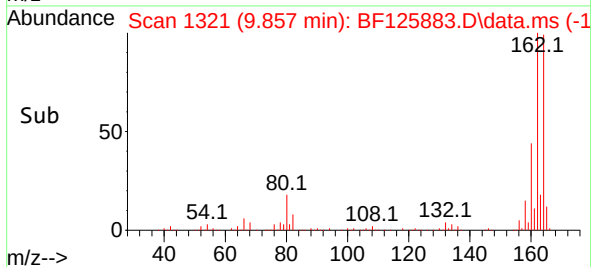
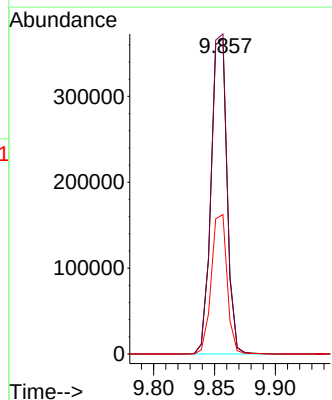
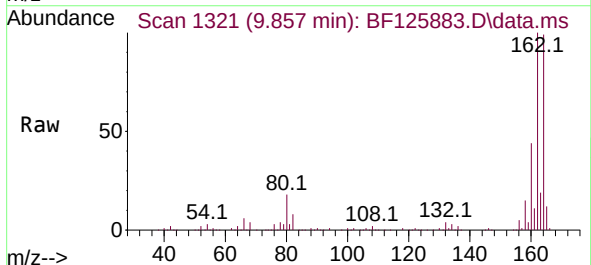
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

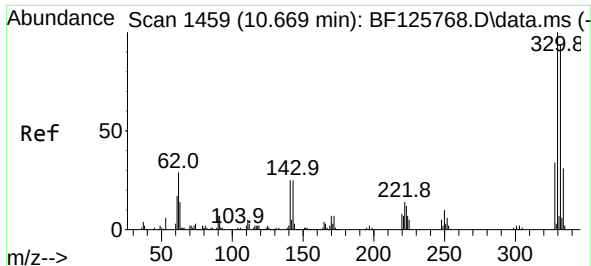
Tgt Ion: 82 Resp: 913490
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion:164 Resp: 334768
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.2 38.0 57.0

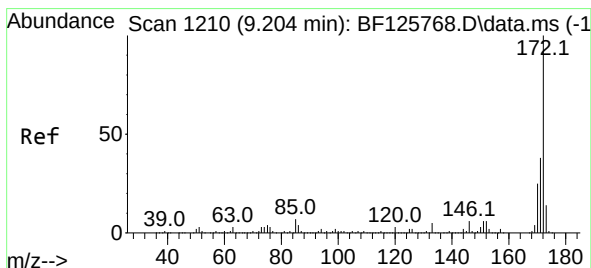
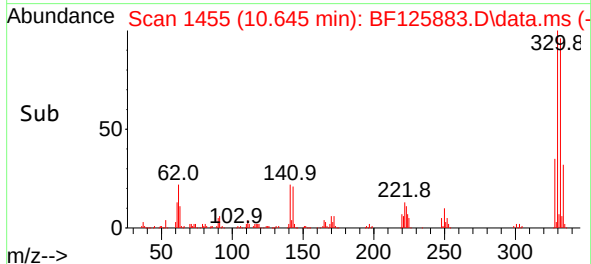
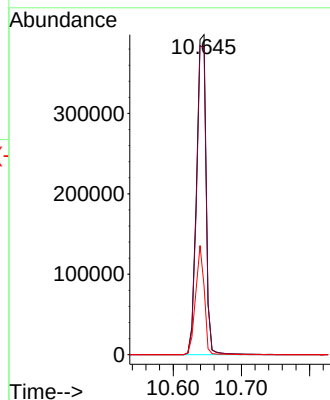
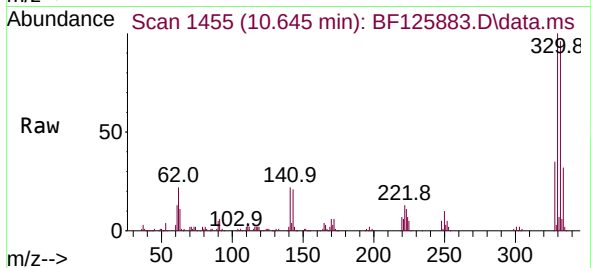




#42
2,4,6-Tribromophenol
Concen: 116.998 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

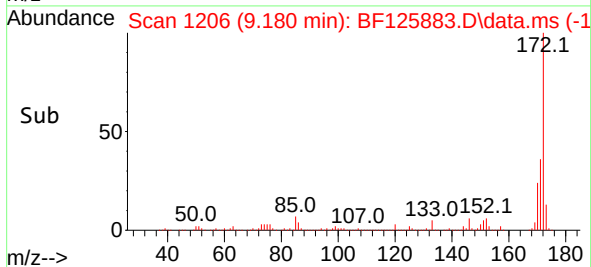
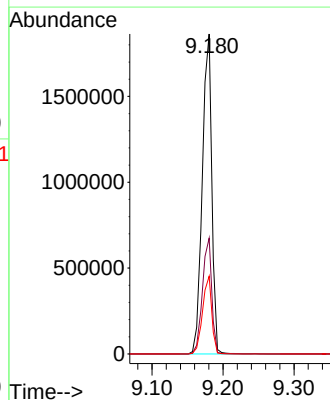
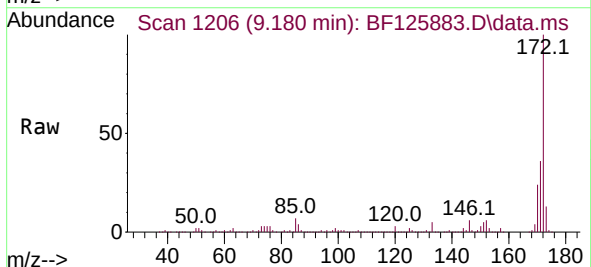
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

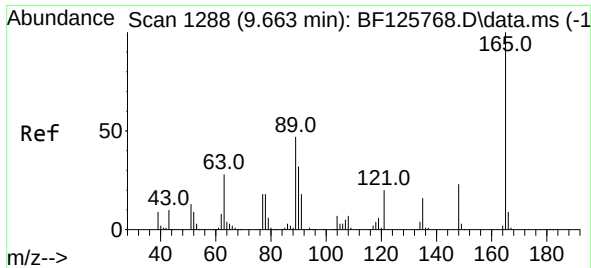
Tgt Ion:330 Resp: 386702
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 89.785 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion:172 Resp: 1742617
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.3 18.8 28.2

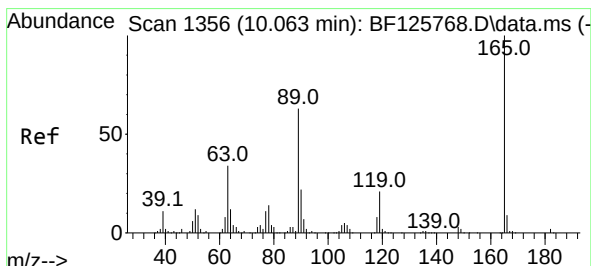
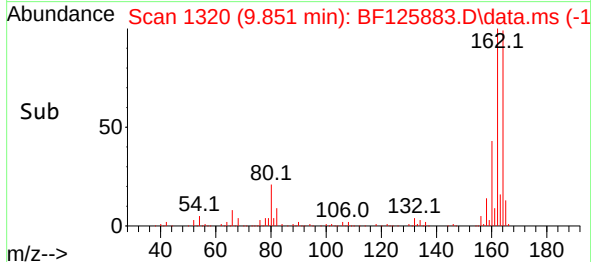
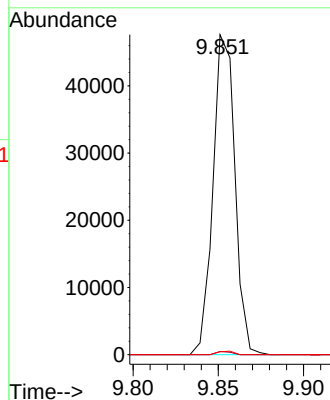
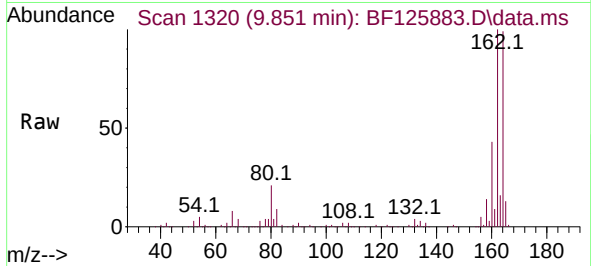




#51
2,6-Dinitrotoluene
Concen: 9.582 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

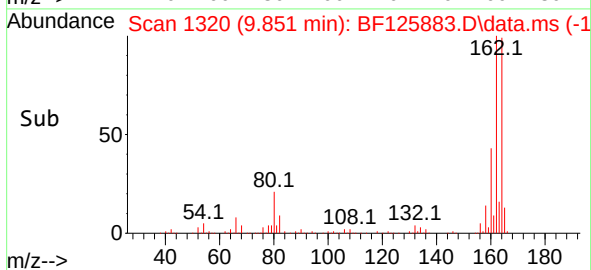
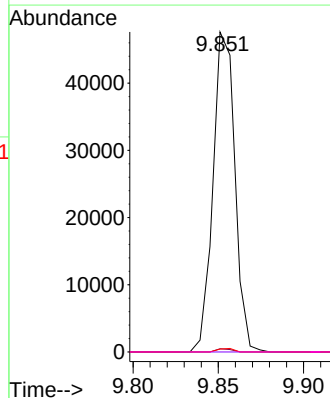
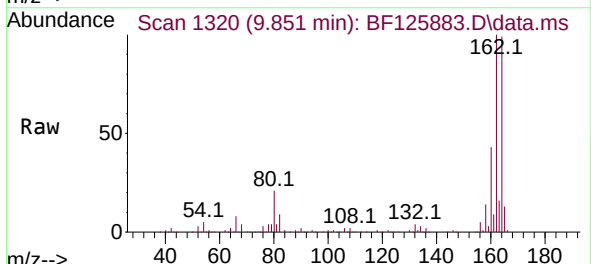
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BNA_F
ClientSampleId :
T4-COMP-(1-4)

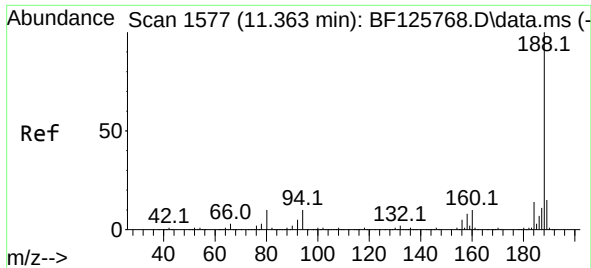
Tgt Ion:165 Resp: 42681
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.578 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.194 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion:165 Resp: 42681
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

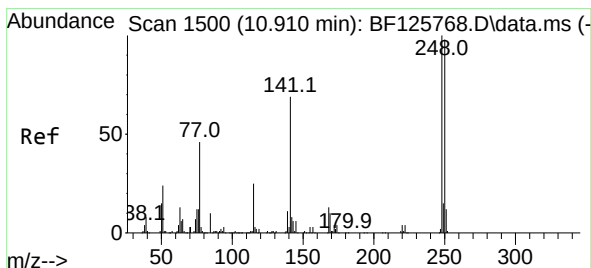
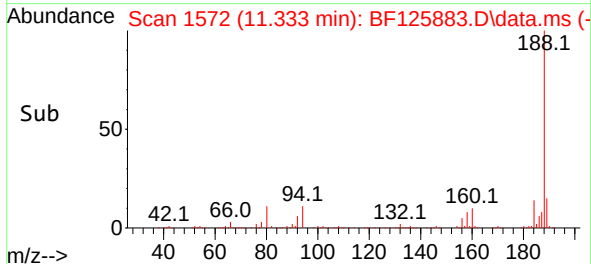
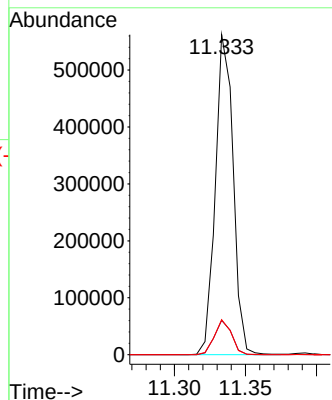
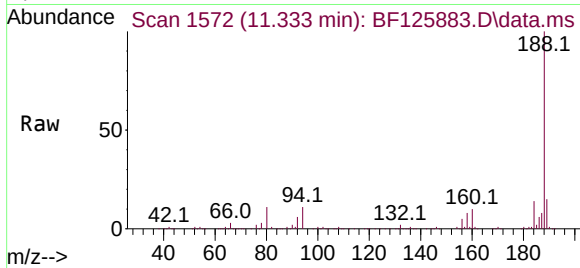




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

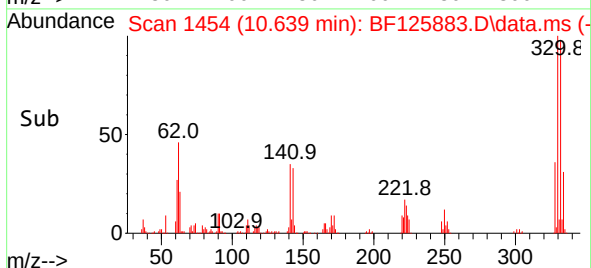
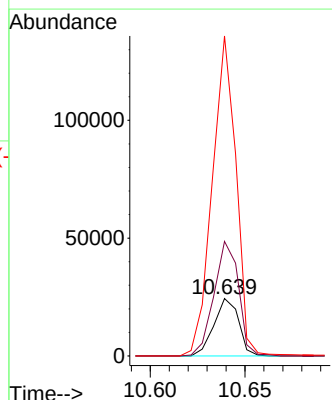
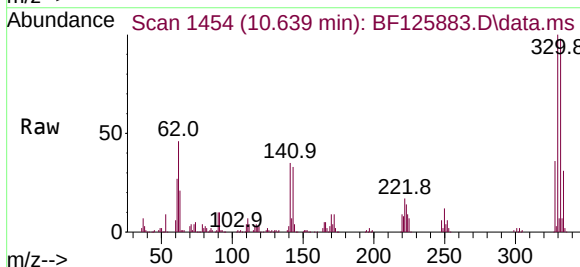
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

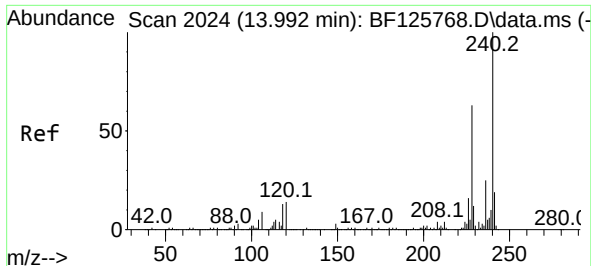
Tgt Ion:188 Resp: 489343
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.073 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion:248 Resp: 22074
Ion Ratio Lower Upper
248 100
250 199.5 74.2 111.4#
141 557.3 60.4 90.6#

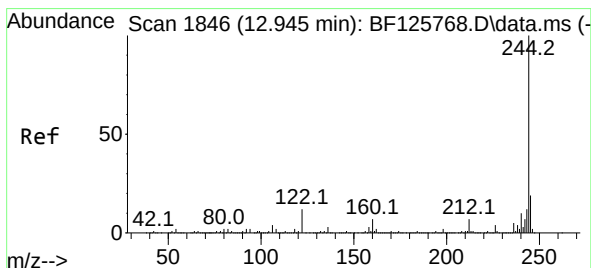
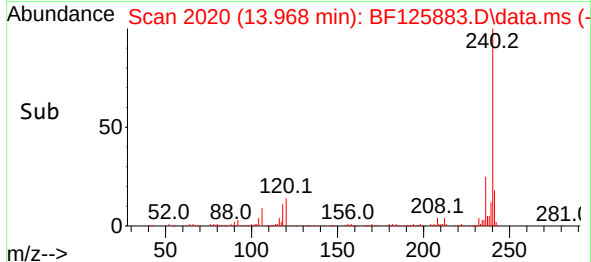
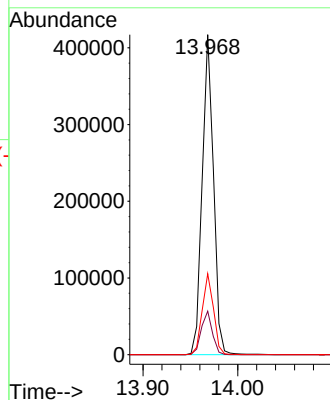
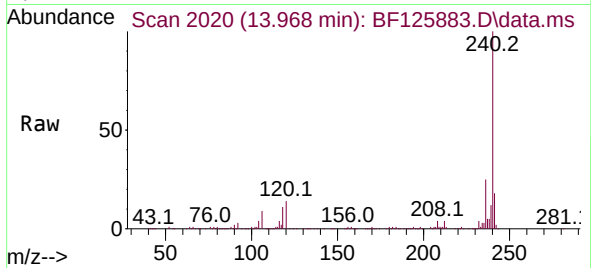




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

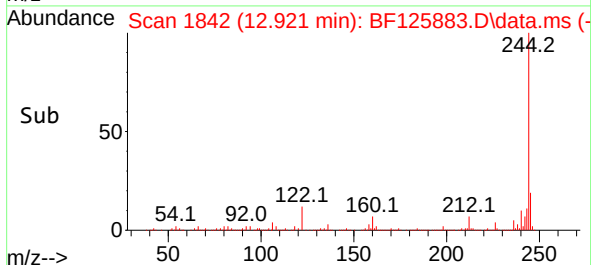
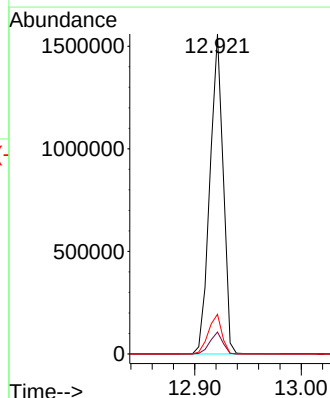
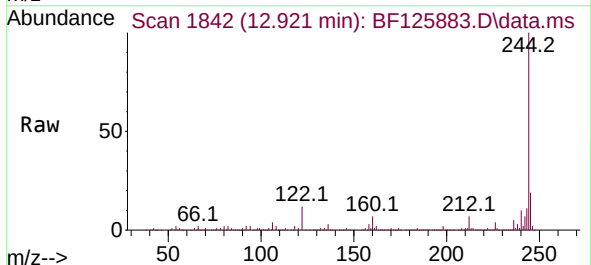
Instrument :
BNA_F
ClientSampleId :
T4-COMP-(1-4)

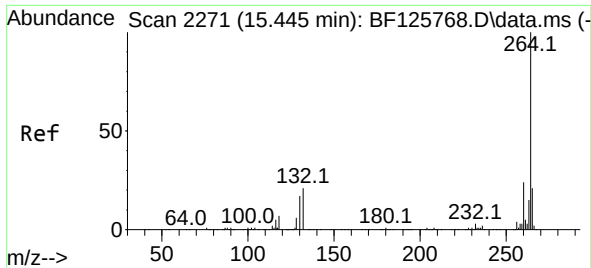
Tgt Ion:240 Resp: 344663
Ion Ratio Lower Upper
240 100
120 13.6 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 59.586 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125883.D
Acq: 18 Oct 2021 18:20

Tgt Ion:244 Resp: 1348229
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.4 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: BF125883.D
 Acq: 18 Oct 2021 18:20

Instrument :
 BNA_F
 ClientSampleId :
 T4-COMP-(1-4)

Tgt Ion:264	Resp:	315356
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.6 29.4
265	21.1	17.2 25.8

