

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125882.D
 Acq On : 18 Oct 2021 17:48
 Operator : JU/CG
 Sample : M4244-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-COMP-(1-4)

Quant Time: Oct 19 09:07:53 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

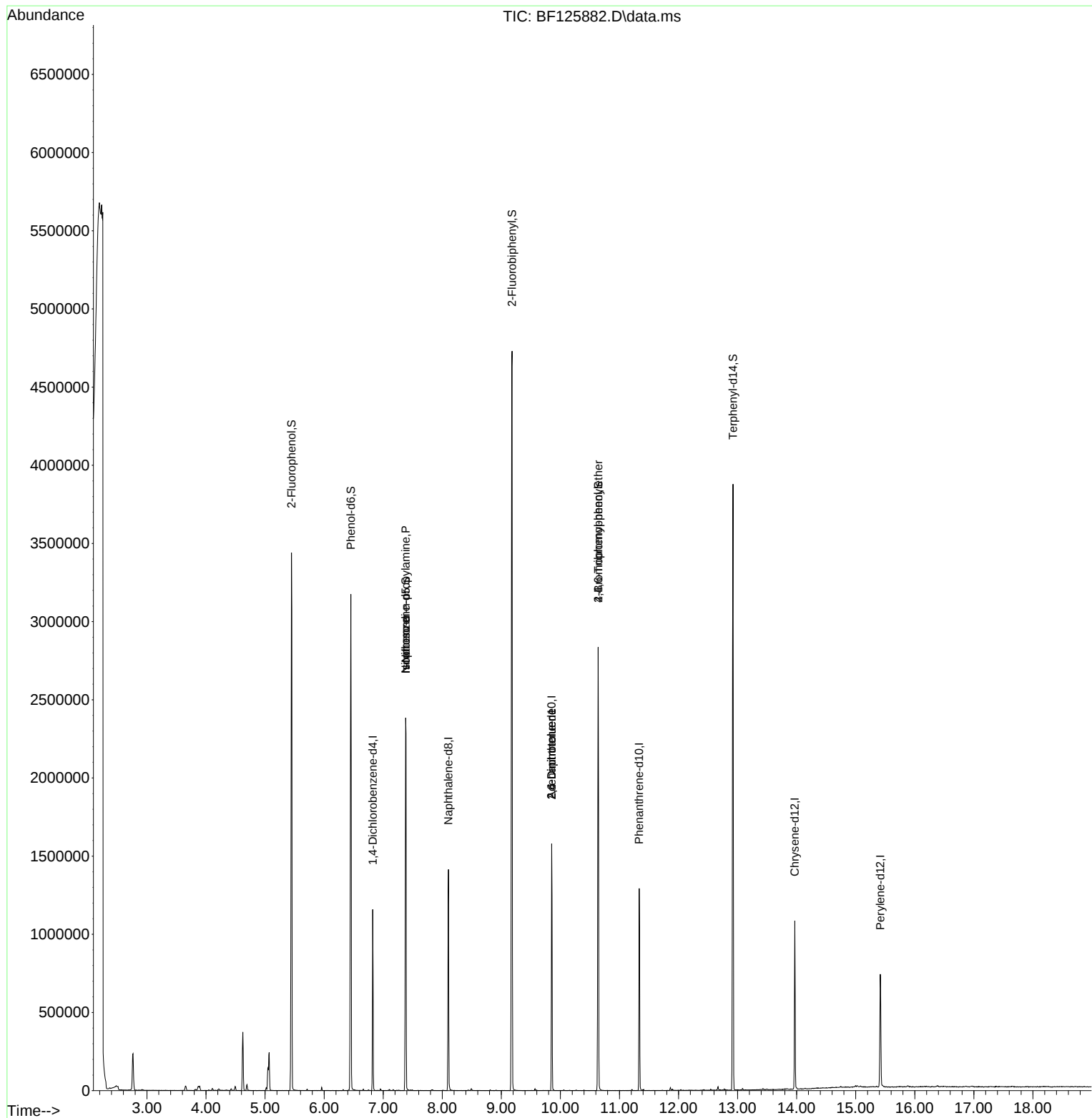
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163216	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650291	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	321110	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	458866	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	337419	20.000	ng	0.00
86) Perylene-d12	15.415	264	311375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1160798	116.184	ng	0.00
7) Phenol-d6	6.451	99	1290641	100.347	ng	0.00
23) Nitrobenzene-d5	7.381	82	888857	84.964	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	366787	115.693	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1656935	89.001	ng	0.00
79) Terphenyl-d14	12.922	244	1266592	57.179	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	109478	16.124	ng	# 52
25) Isophorone	7.381	82	885505	47.777	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	41004	9.597	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	41004	7.590	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	20665	4.066	ng	# 1

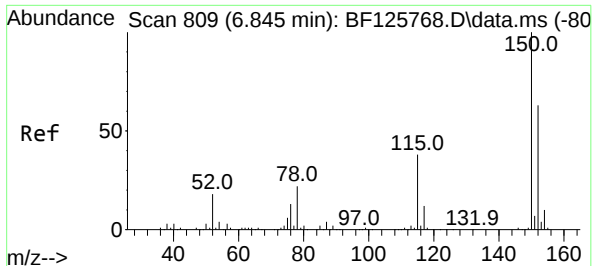
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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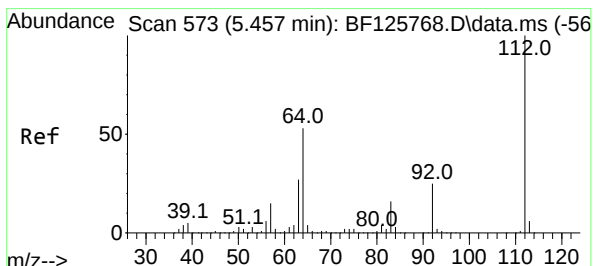
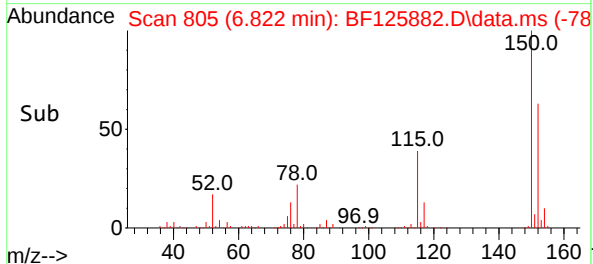
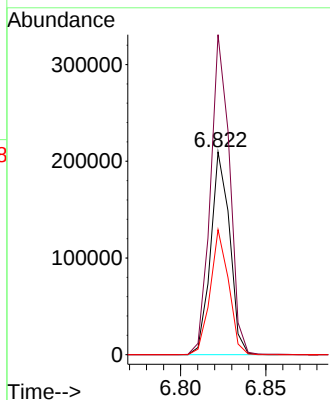
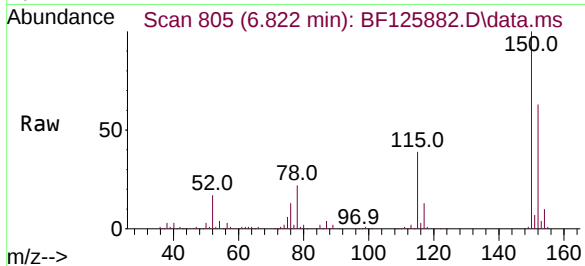




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

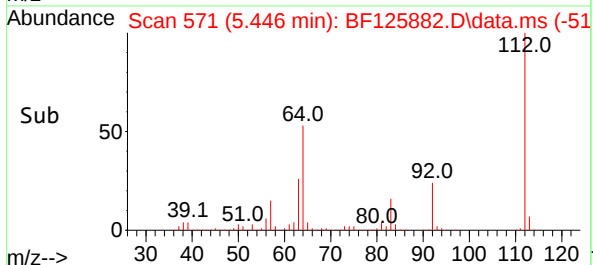
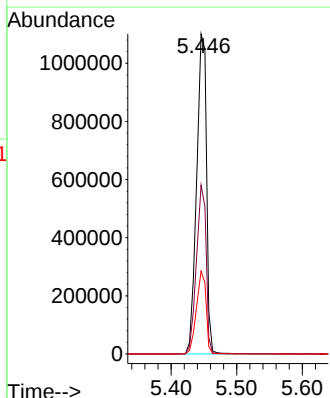
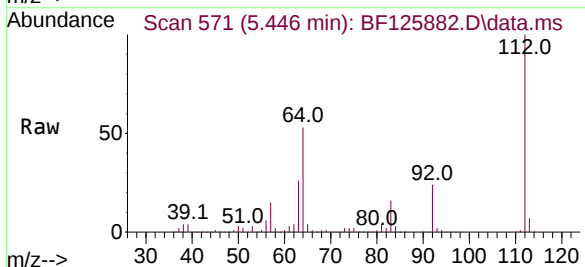
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

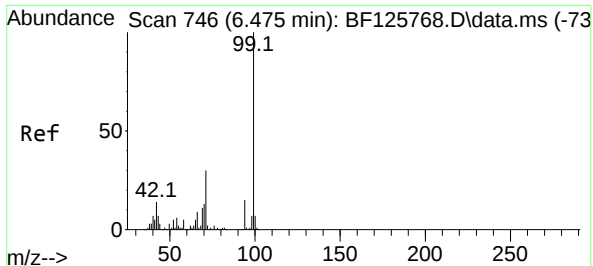
Tgt Ion:152 Resp: 163216
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 116.184 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion:112 Resp: 1160798
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 25.8 26.2 39.2#

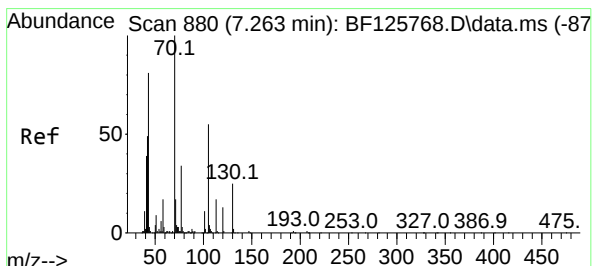
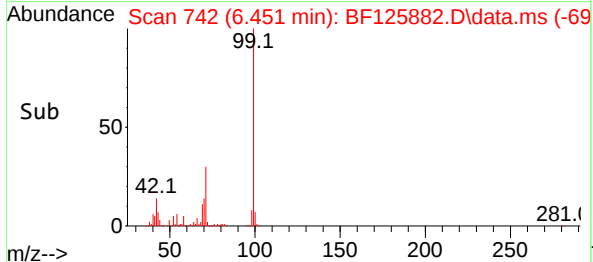
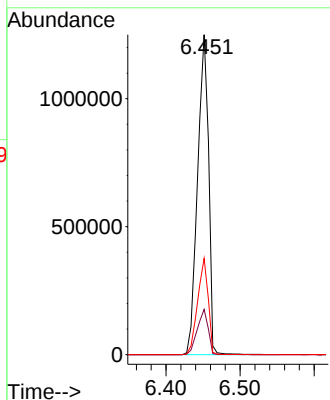
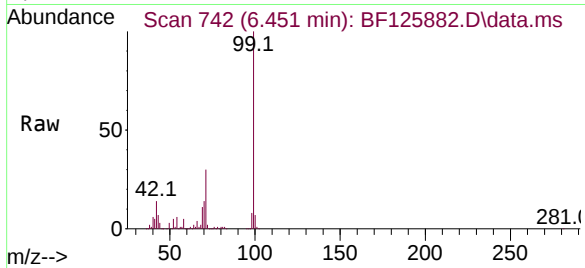




#7
Phenol-d6
Concen: 100.347 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

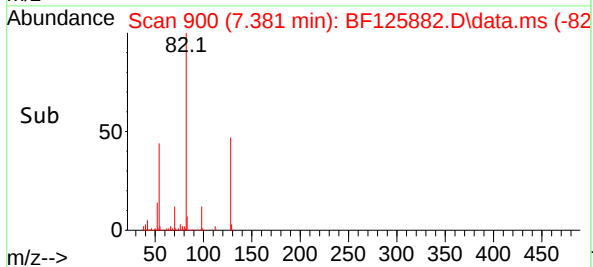
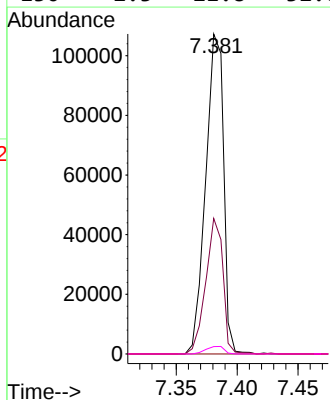
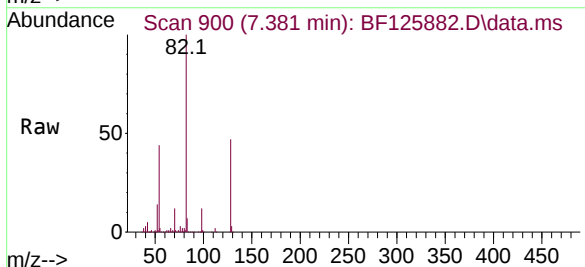
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

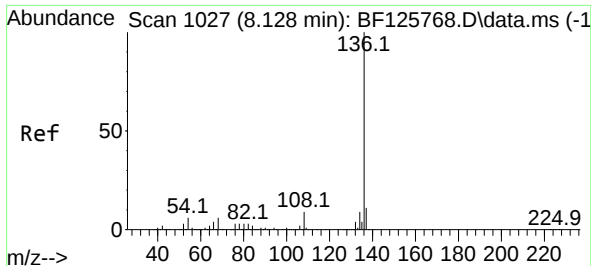
Tgt Ion: 99 Resp: 1290641
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 30.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.124 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion: 70 Resp: 109478
Ion Ratio Lower Upper
70 100
42 42.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

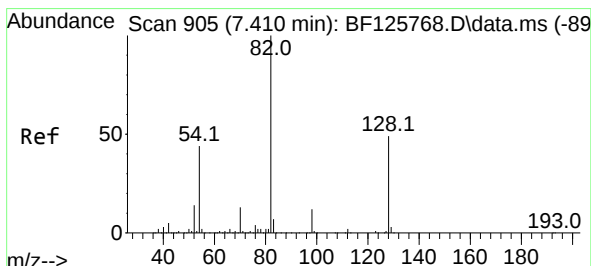
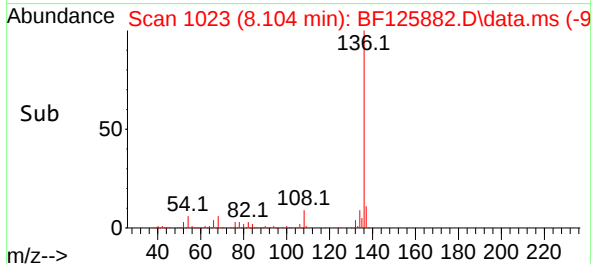
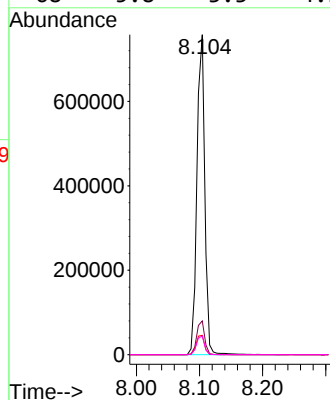
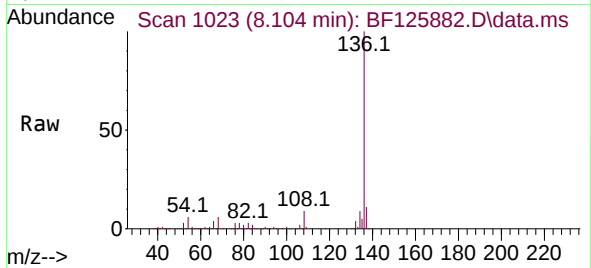




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

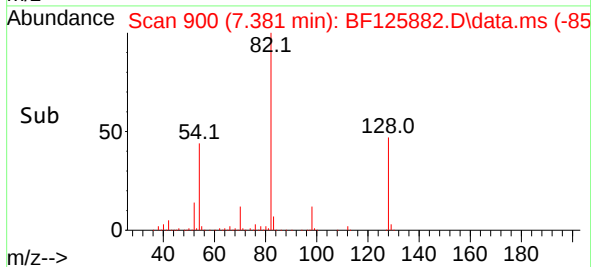
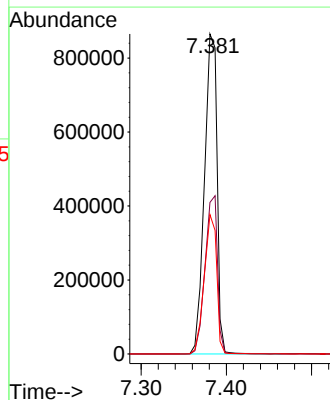
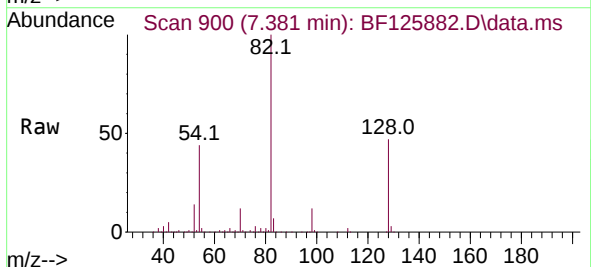
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

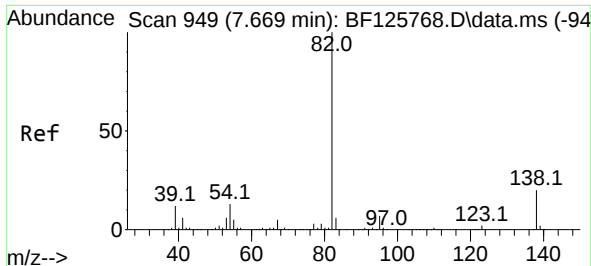
Tgt Ion:136	Resp: 650291
Ion Ratio	Lower Upper
136 100	
137 10.5	9.8 14.6
54 6.1	6.4 9.6#
68 5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.964 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion: 82	Resp: 888857
Ion Ratio	Lower Upper
82 100	
128 47.3	40.6 60.8
54 43.6	49.6 74.4#

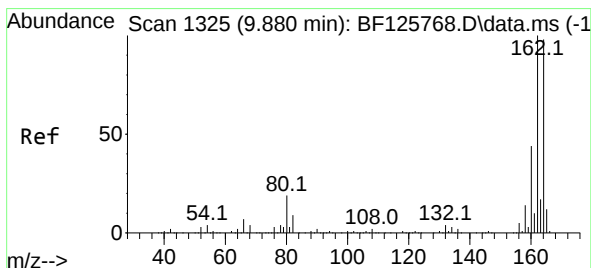
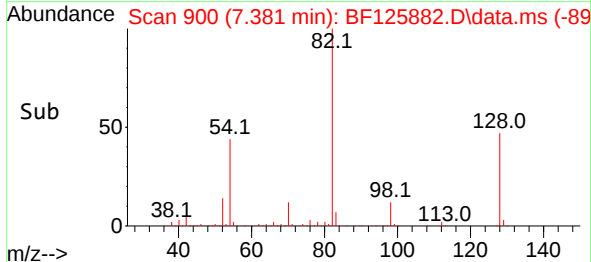
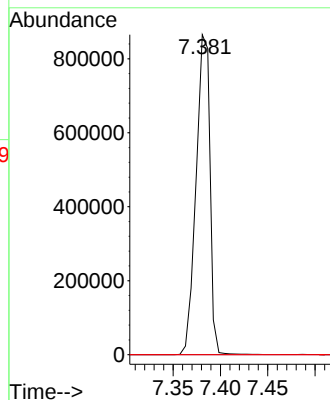
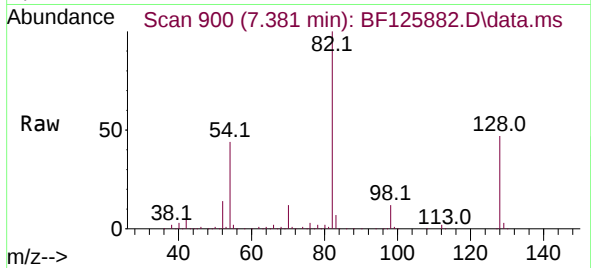




#25
Isophorone
Concen: 47.777 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.270 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

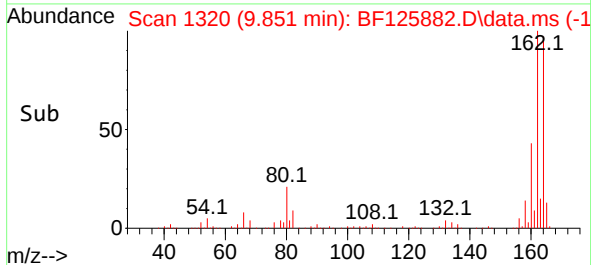
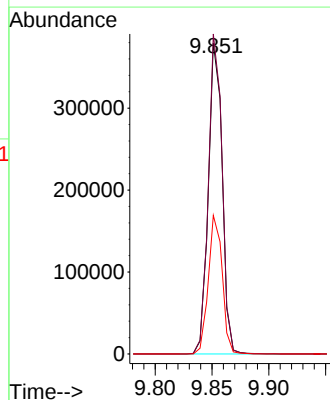
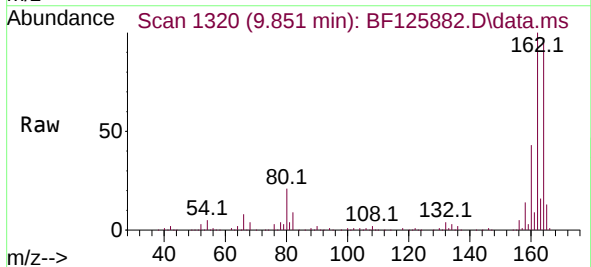
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

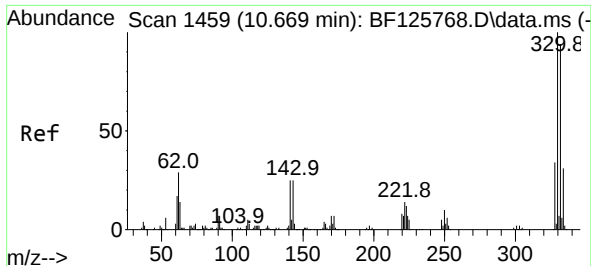
Tgt Ion: 82 Resp: 885505
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion: 164 Resp: 321110
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.5 38.0 57.0

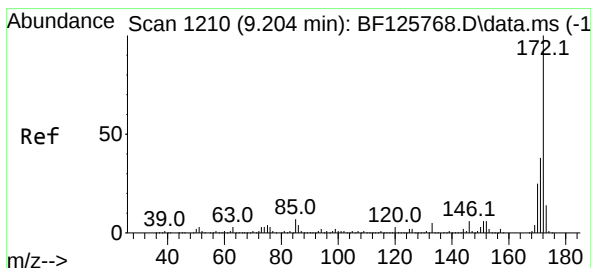
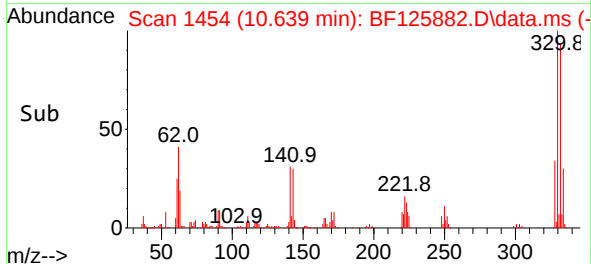
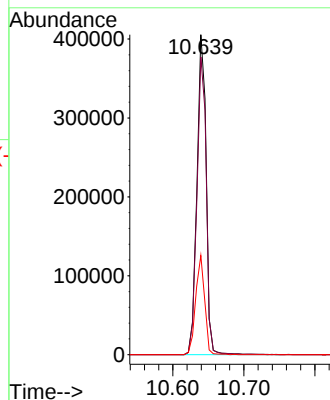
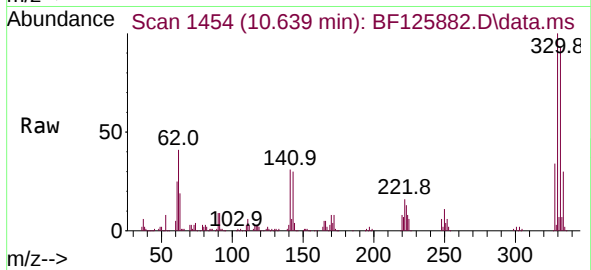




#42
2,4,6-Tribromophenol
Concen: 115.693 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

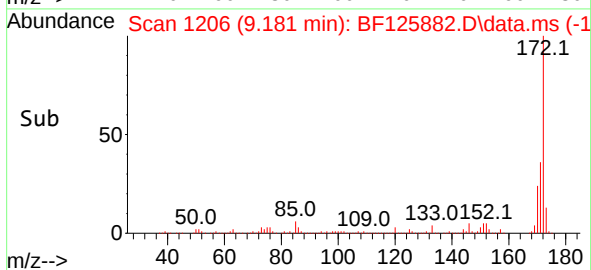
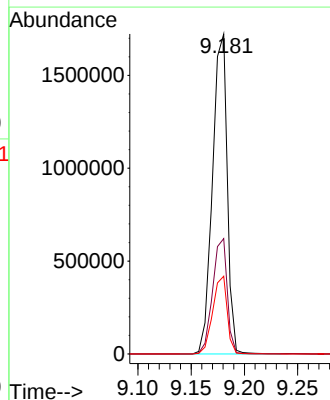
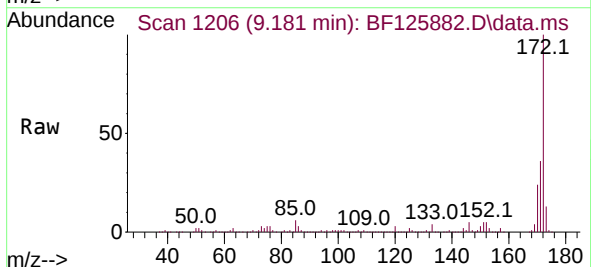
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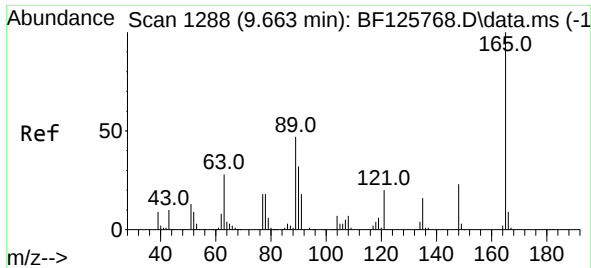
Tgt Ion:330 Resp: 366787
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 30.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 89.001 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion:172 Resp: 1656935
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.3 18.8 28.2

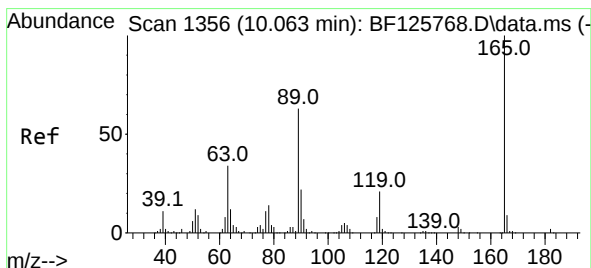
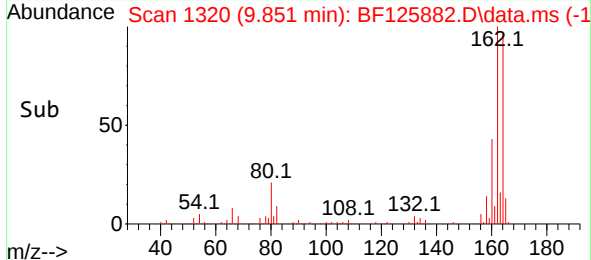
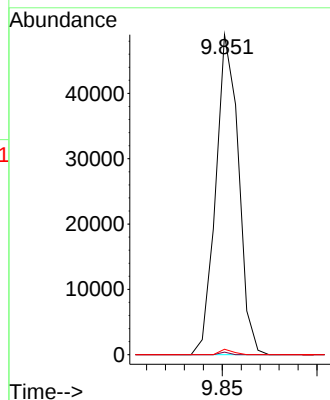
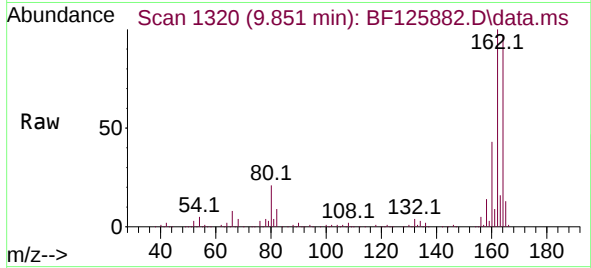




#51
2,6-Dinitrotoluene
Concen: 9.597 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

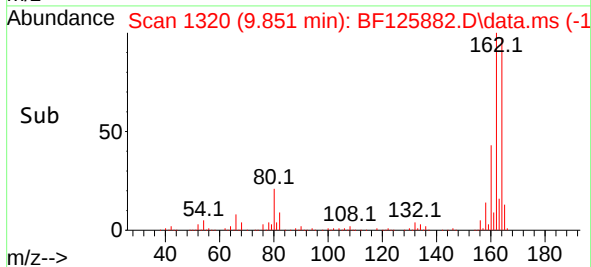
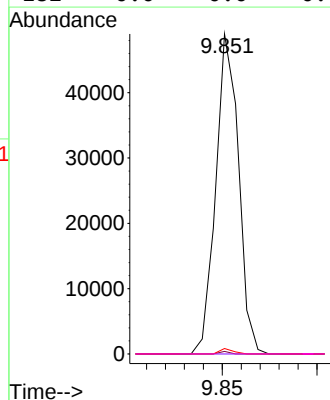
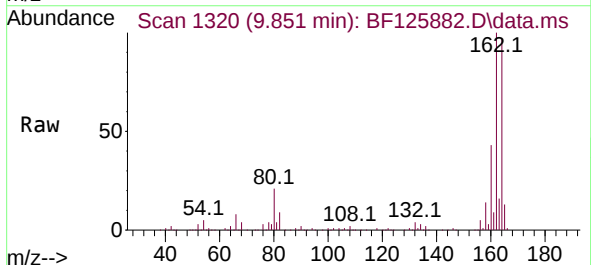
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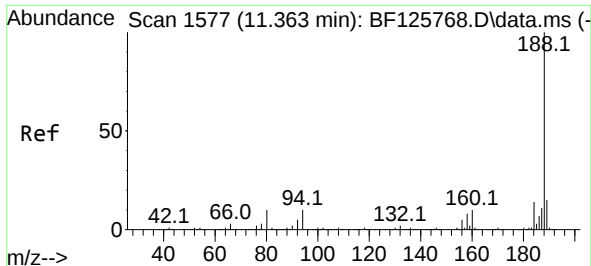
Tgt Ion:165 Resp: 41004
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.590 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.194 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion:165 Resp: 41004
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

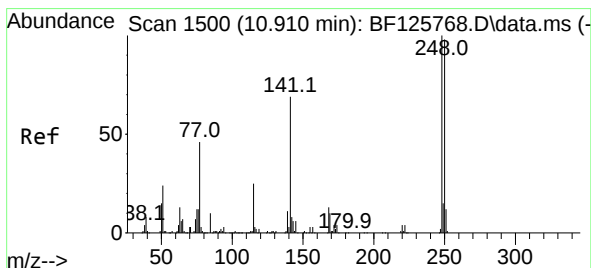
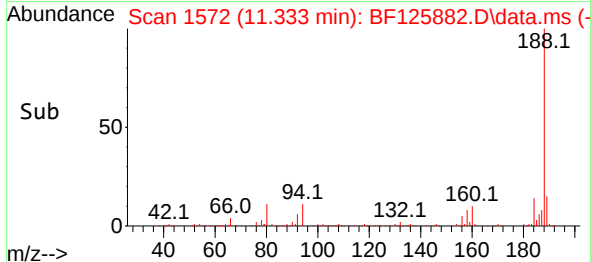
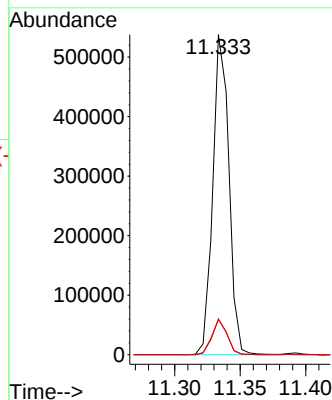
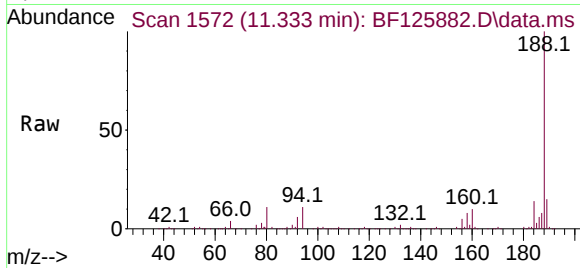




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

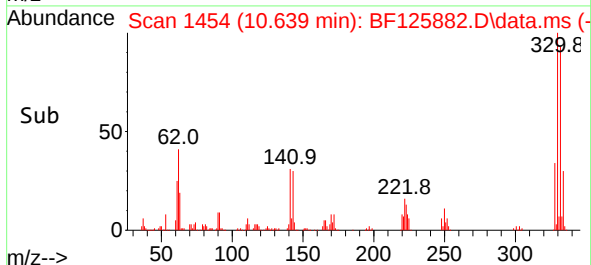
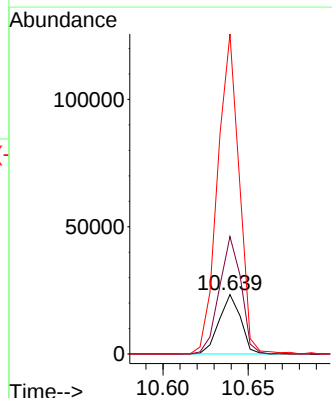
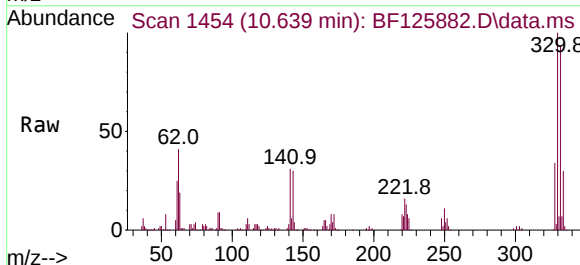
Instrument :
BNA_F
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T5-COMP-(1-4)

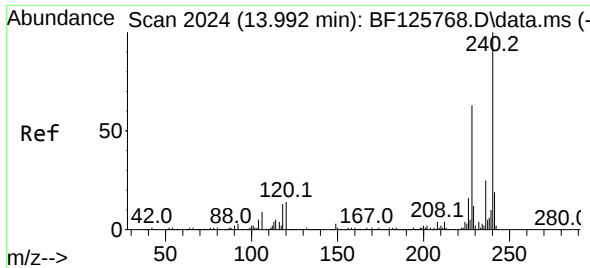
Tgt Ion:188 Resp: 458866
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

Tgt Ion:248 Resp: 20665
Ion Ratio Lower Upper
248 100
250 197.9 74.2 111.4#
141 539.0 60.4 90.6#

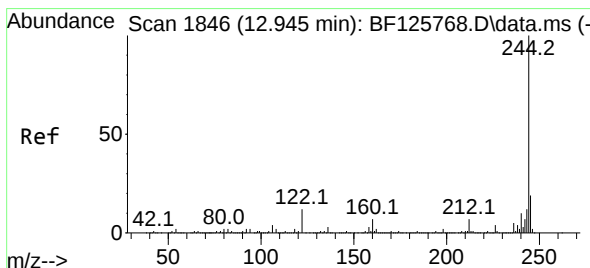
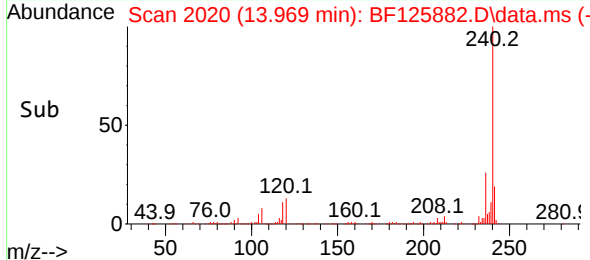
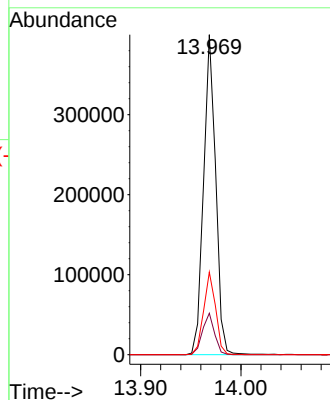
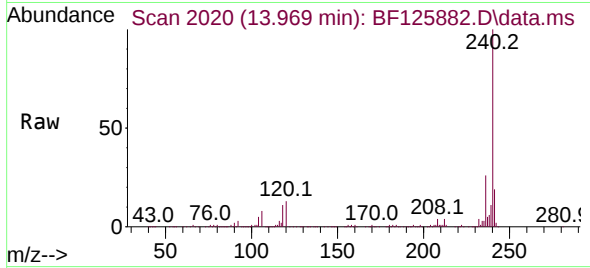




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

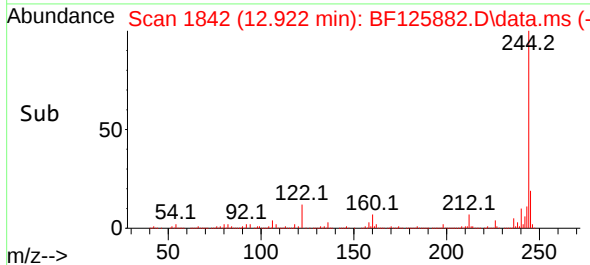
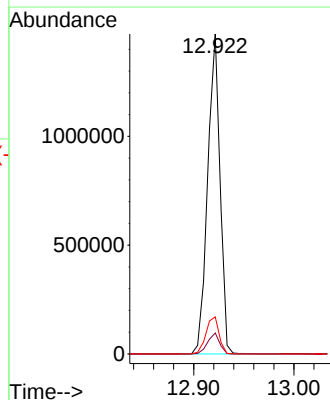
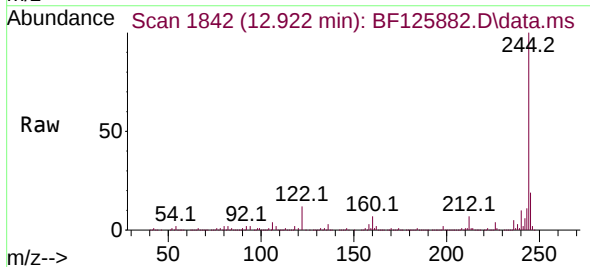
Instrument :
BNA_F
ClientSampleId :
T5-COMP-(1-4)

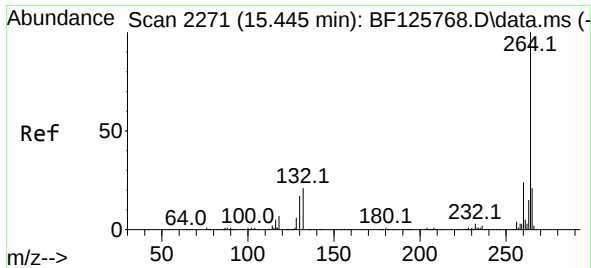
Tgt Ion:240	Resp: 337419
Ion Ratio	Lower Upper
240	100
120	13.0 10.8 16.2
236	25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 57.179 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125882.D
Acq: 18 Oct 2021 17:48

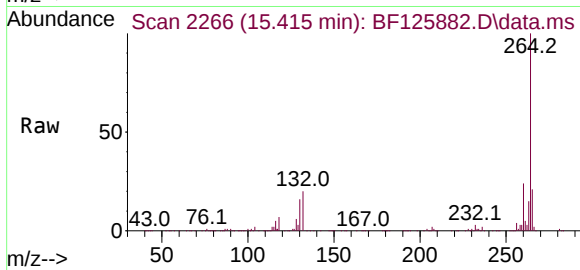
Tgt Ion:244	Resp: 1266592
Ion Ratio	Lower Upper
244	100
212	6.6 5.9 8.9
122	11.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF125882.D
 Acq: 18 Oct 2021 17:48

Instrument :
 BNA_F
 ClientSampleId :
 T5-COMP-(1-4)



Tgt Ion:264 Resp: 311375
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.5 17.2 25.8

