

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125451.D
 Acq On : 13 Sep 2021 19:08
 Operator : JU/CG
 Sample : M3684-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A006015

Quant Time: Sep 14 03:30:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

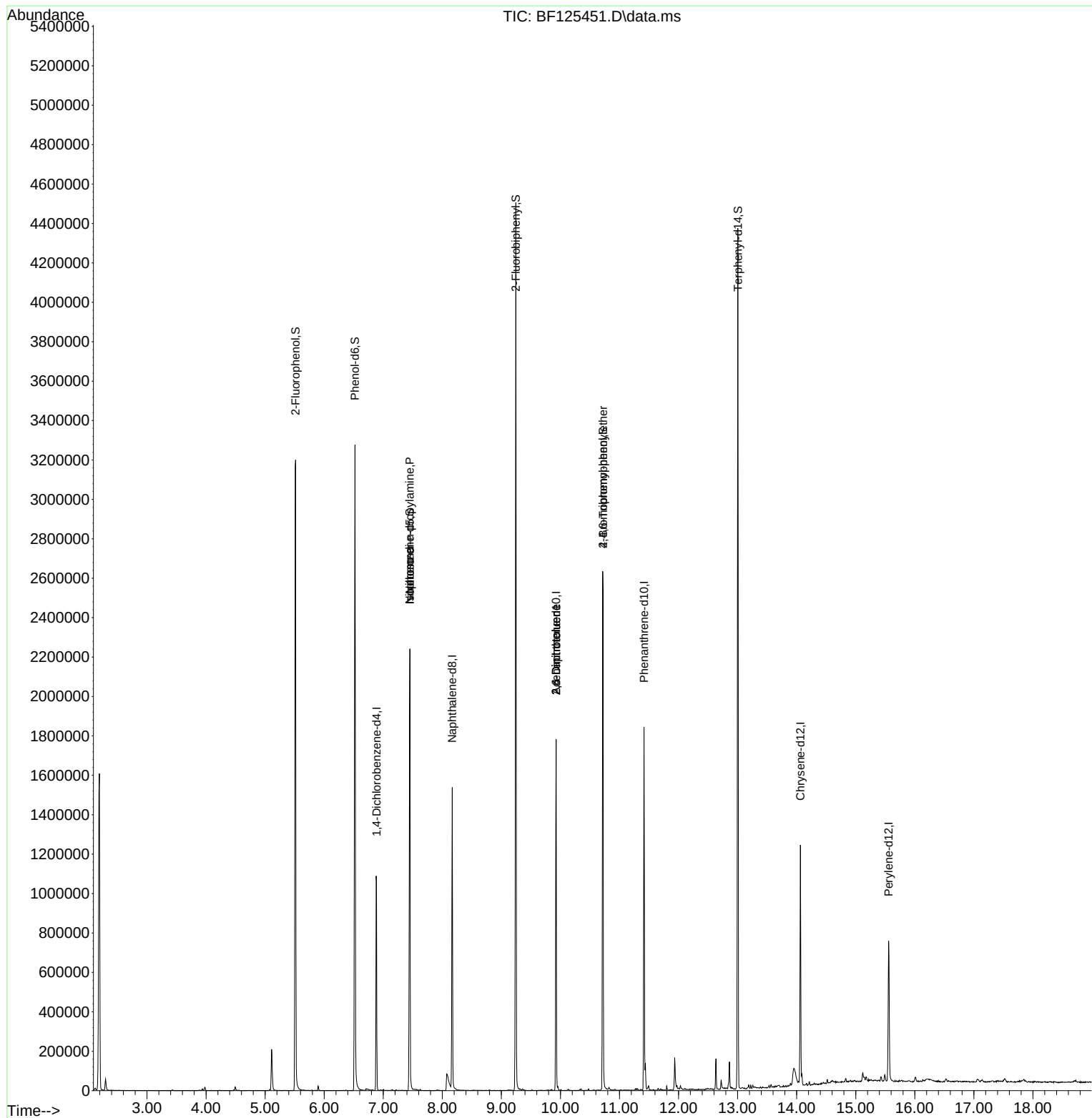
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	166407	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	653273	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	349825	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	647908	20.000	ng	0.00
76) Chrysene-d12	14.063	240	390042	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	345117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	905229	82.337	ng	0.00
7) Phenol-d6	6.522	99	1149548	80.846	ng	-0.01
23) Nitrobenzene-d5	7.451	82	754963	58.181	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	372197	106.585	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1372745	54.691	ng	0.00
79) Terphenyl-d14	13.004	244	1517086	61.964	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	100658	11.769	ng	# 57
25) Isophorone	7.451	82	749595	29.945	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	45373	8.632	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	45373	7.132	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	22147	2.847	ng	# 1

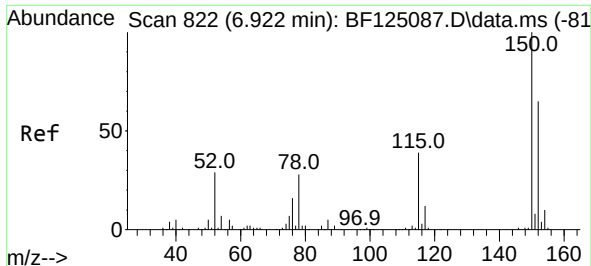
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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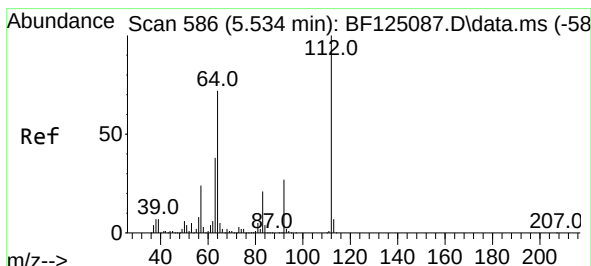
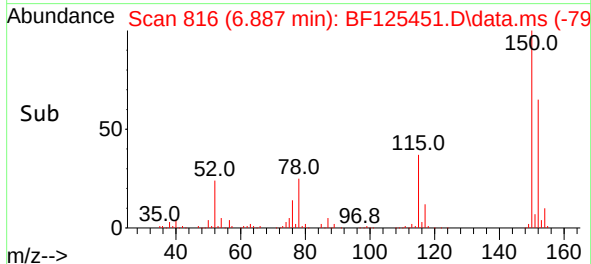
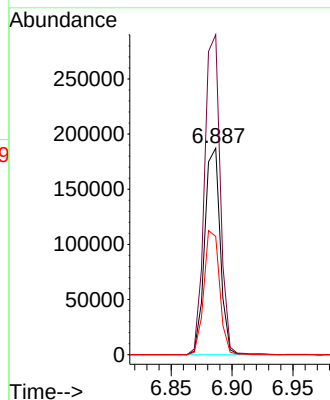
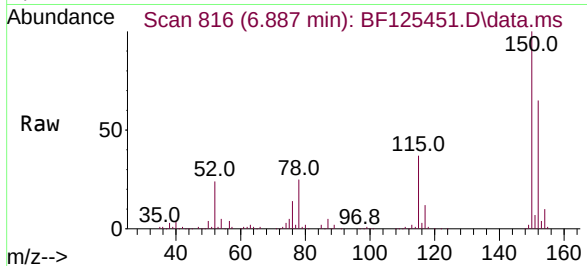




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. 0.001 min
 Lab File: BF125451.D
 Acq: 13 Sep 2021 19:08

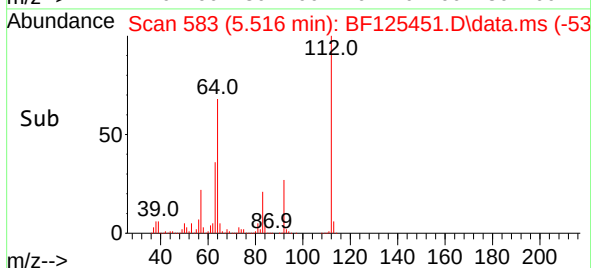
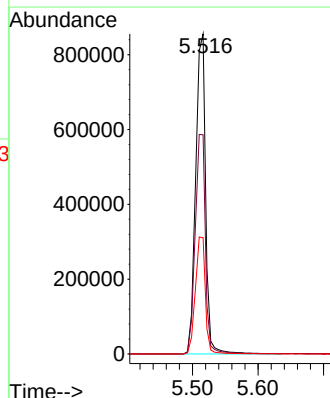
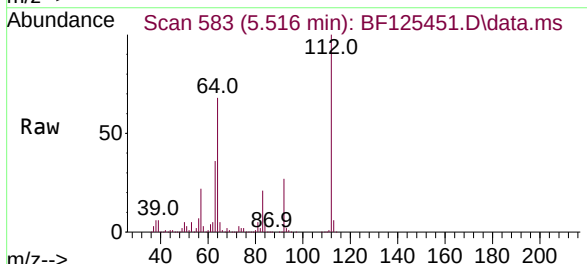
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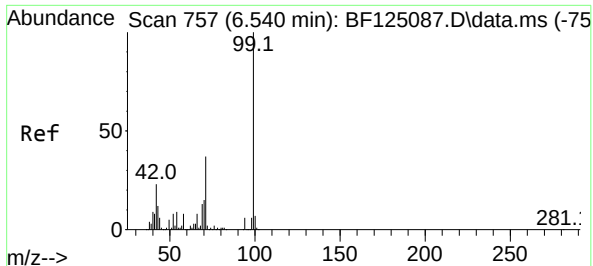
Tgt Ion:152 Resp: 166407
 Ion Ratio Lower Upper
 152 100
 150 154.9 117.6 176.4
 115 57.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 82.337 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.000 min
 Lab File: BF125451.D
 Acq: 13 Sep 2021 19:08

Tgt Ion:112 Resp: 905229
 Ion Ratio Lower Upper
 112 100
 64 68.5 44.2 66.2#
 63 36.3 26.2 39.2

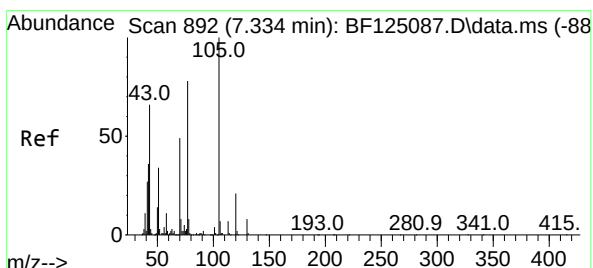
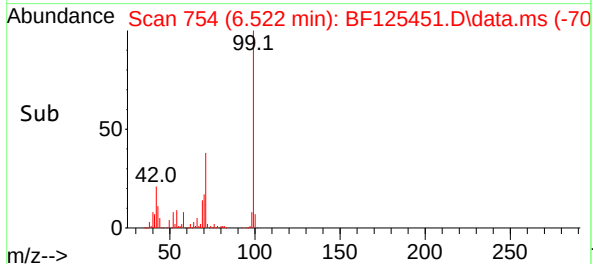
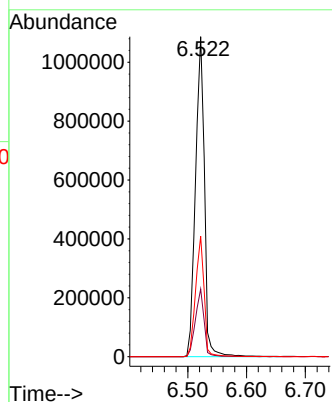
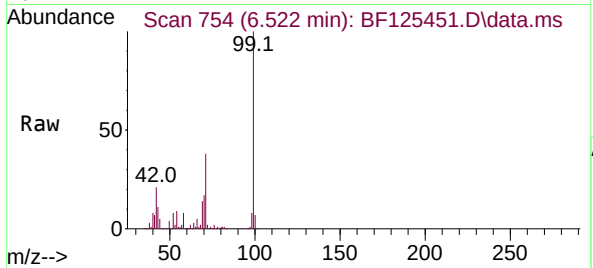




#7
Phenol-d6
Concen: 80.846 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

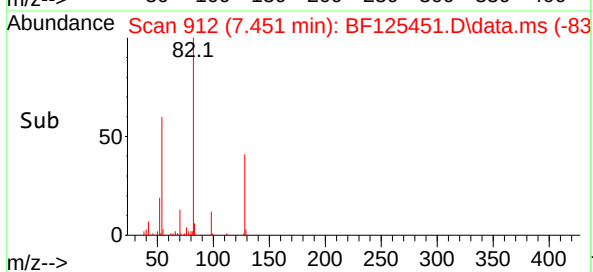
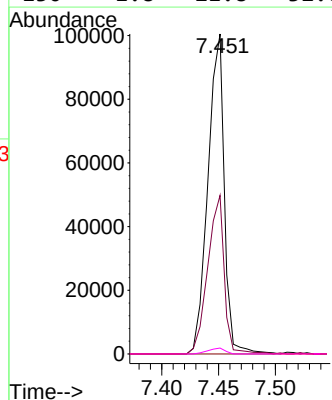
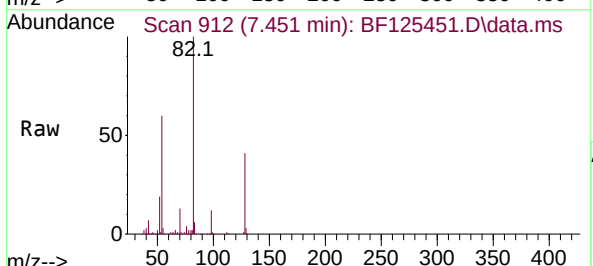
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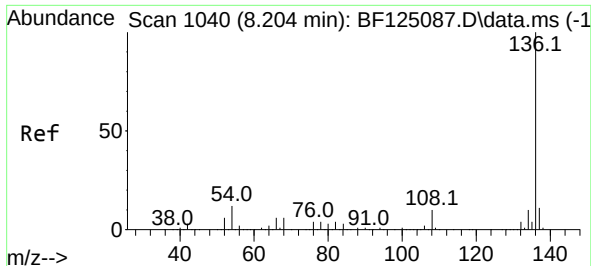
Tgt Ion: 99 Resp: 1149548
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 37.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.769 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion: 70 Resp: 100658
Ion Ratio Lower Upper
70 100
42 49.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

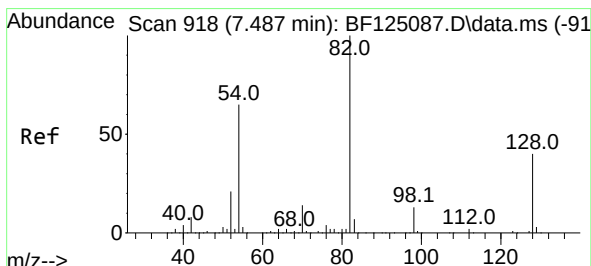
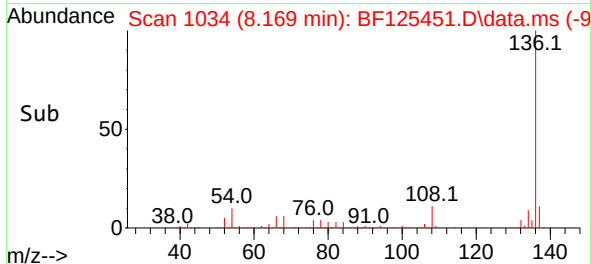
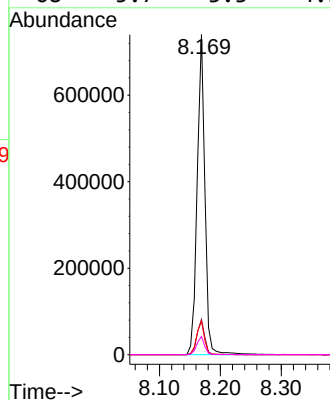
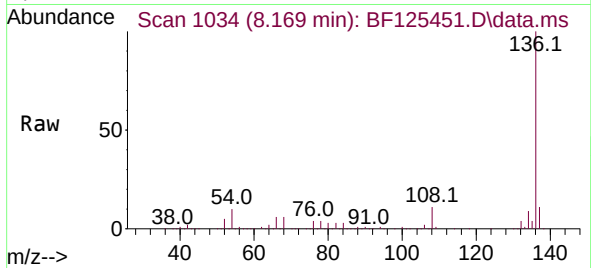




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

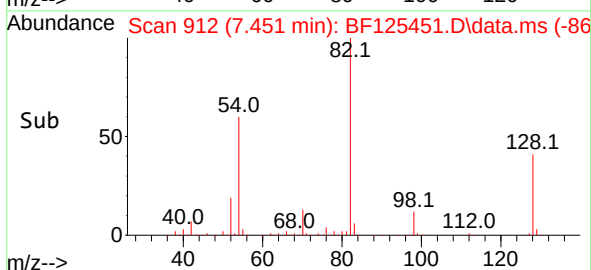
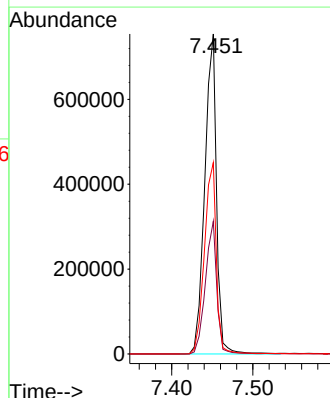
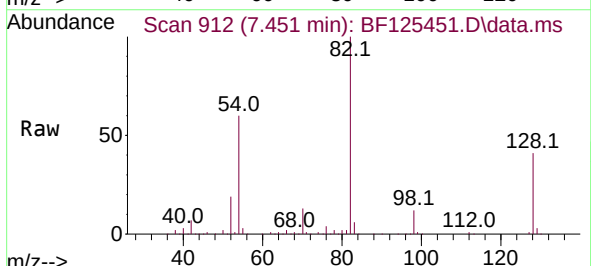
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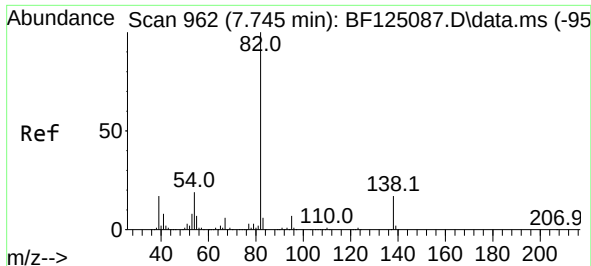
Tgt Ion:136 Resp: 653273
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.5 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 58.181 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion: 82 Resp: 754963
Ion Ratio Lower Upper
82 100
128 41.5 40.6 60.8
54 59.8 49.6 74.4

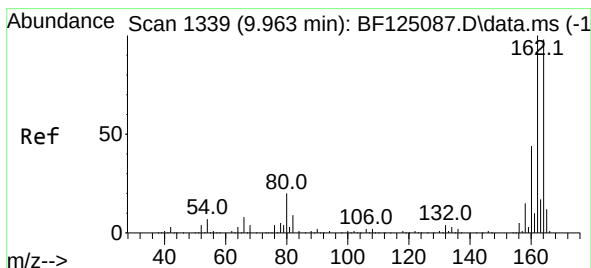
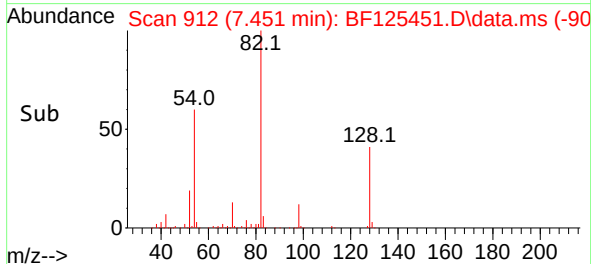
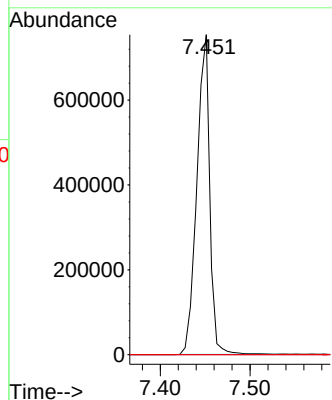
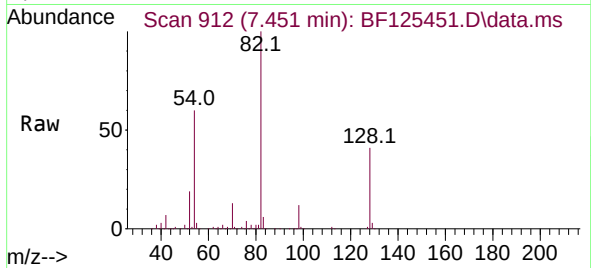




#25
Isophorone
Concen: 29.945 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

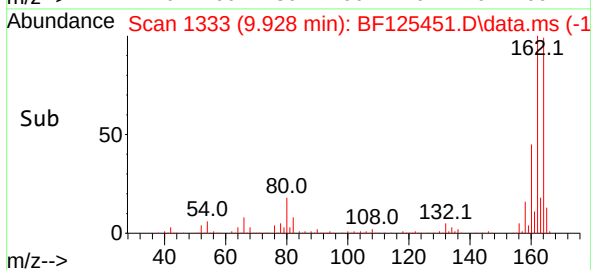
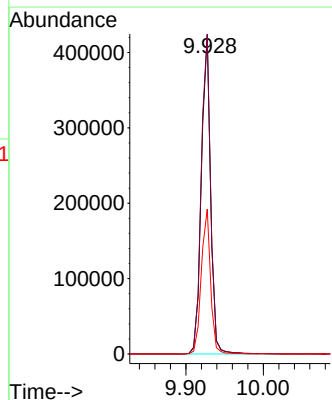
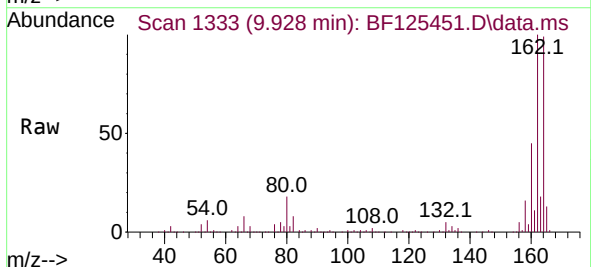
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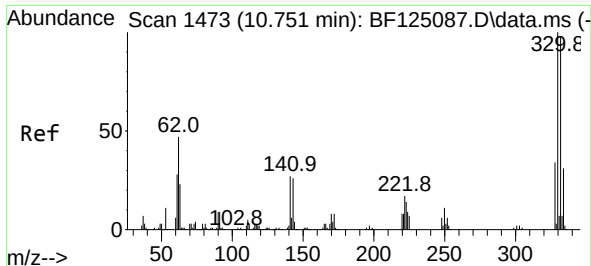
Tgt Ion: 82 Resp: 749595
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion: 164 Resp: 349825
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 45.5 38.0 57.0

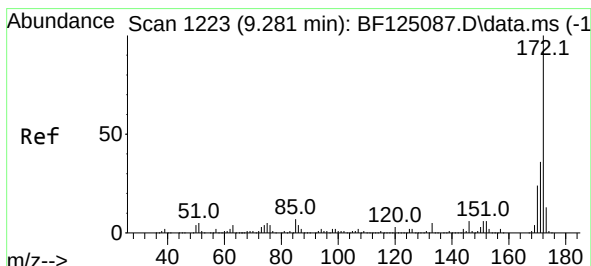
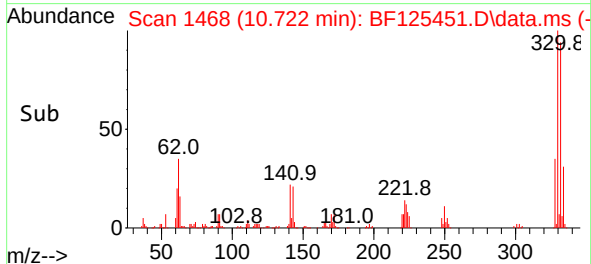
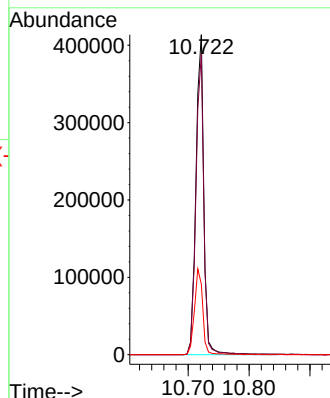
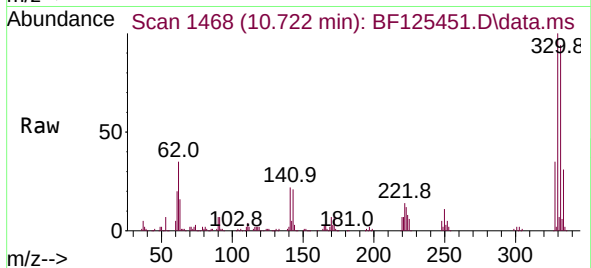




#42
 2,4,6-Tribromophenol
 Concen: 106.585 ng
 RT: 10.722 min Scan# 1468
 Delta R.T. -0.006 min
 Lab File: BF125451.D
 Acq: 13 Sep 2021 19:08

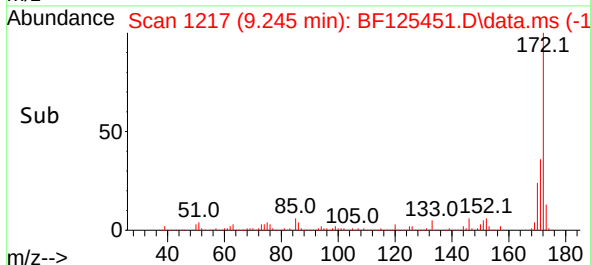
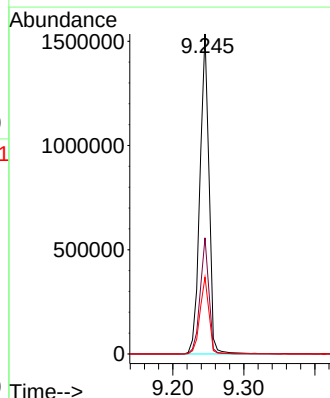
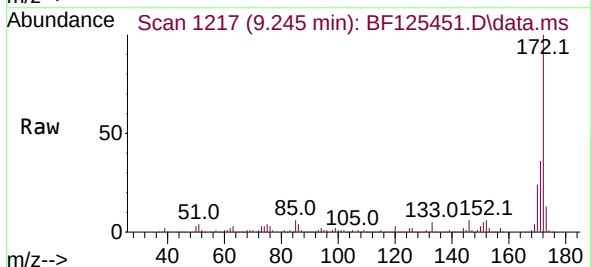
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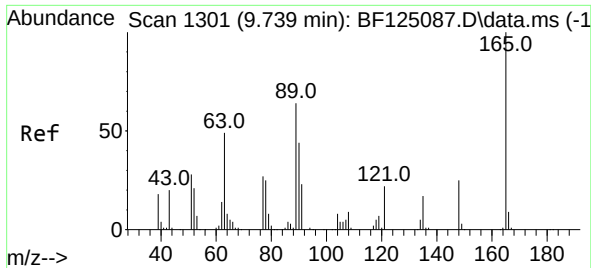
Tgt Ion: 330 Resp: 372197
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.2 114.4
 141 28.2 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 54.691 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125451.D
 Acq: 13 Sep 2021 19:08

Tgt Ion: 172 Resp: 1372745
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.5 39.7
 170 24.0 18.8 28.2

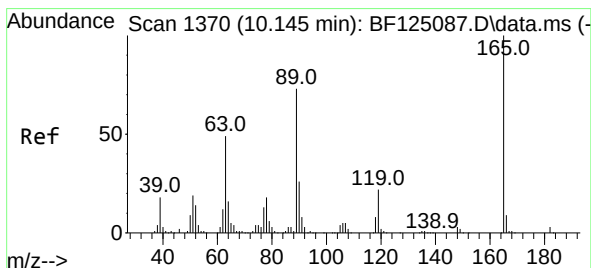
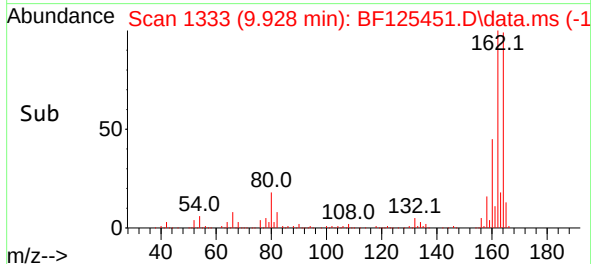
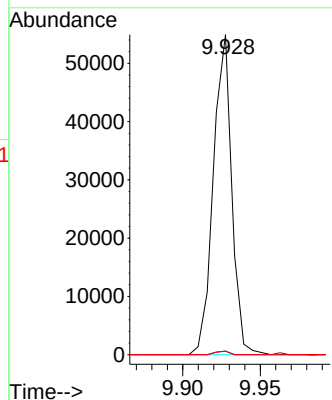
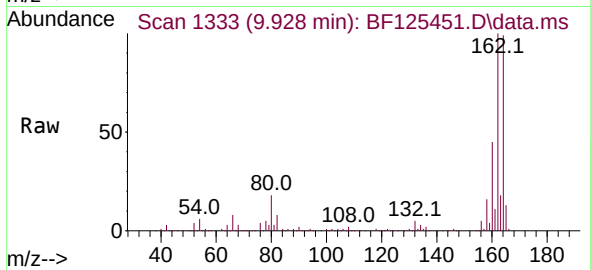




#51
2,6-Dinitrotoluene
Concen: 8.632 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

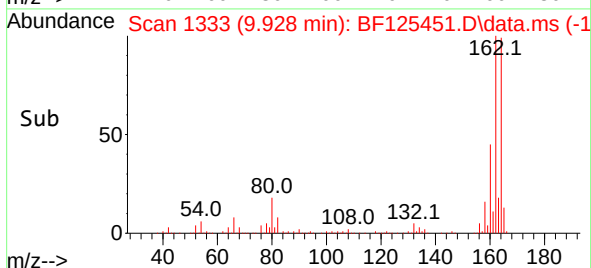
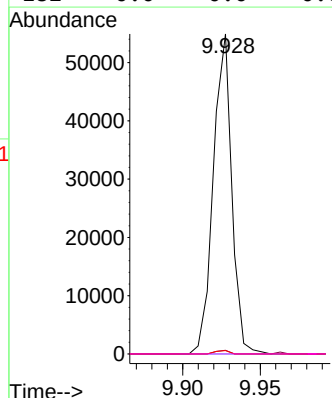
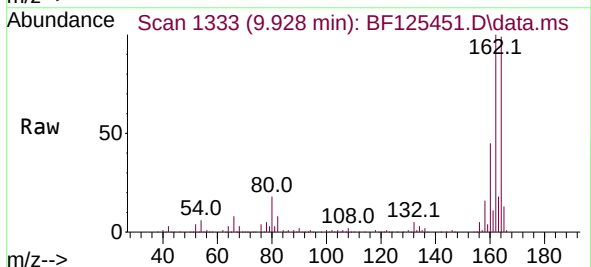
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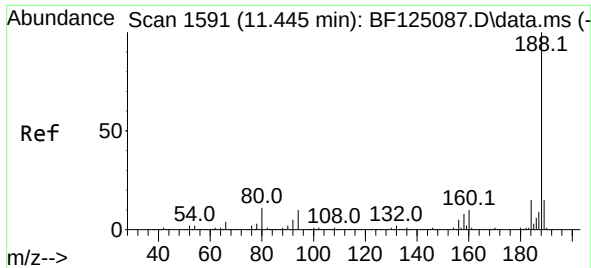
Tgt Ion:165 Resp: 45373
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.132 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion:165 Resp: 45373
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

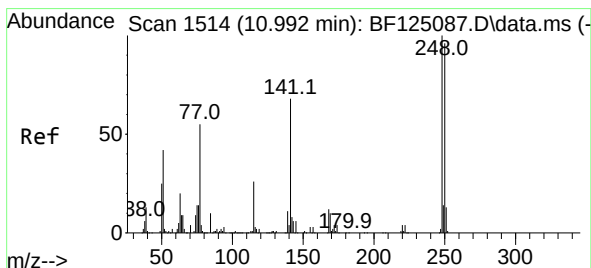
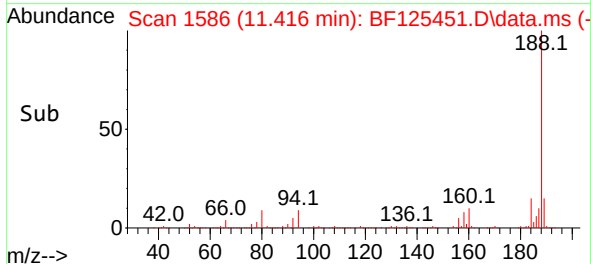
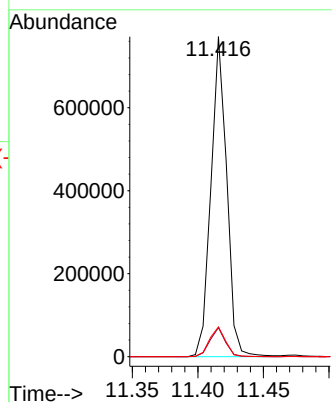
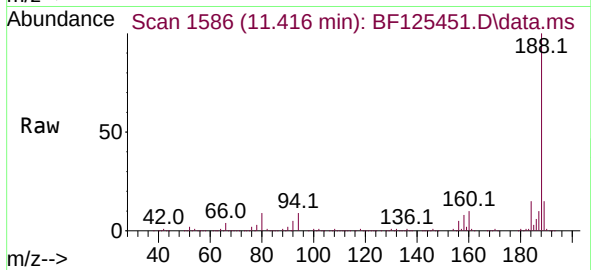




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

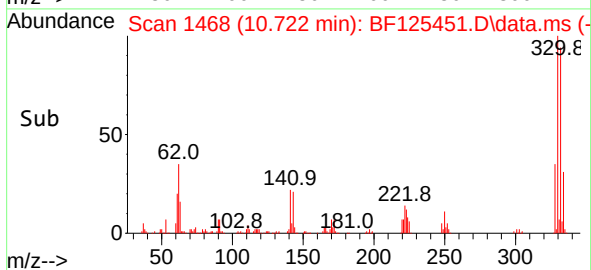
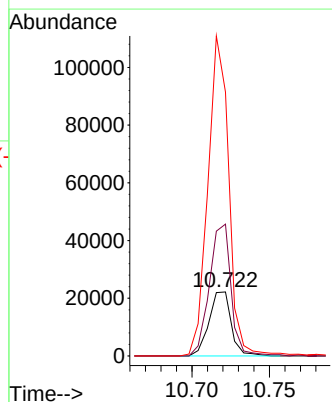
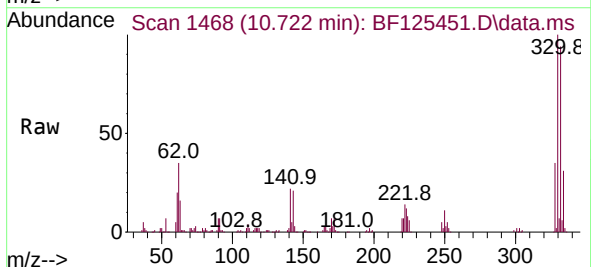
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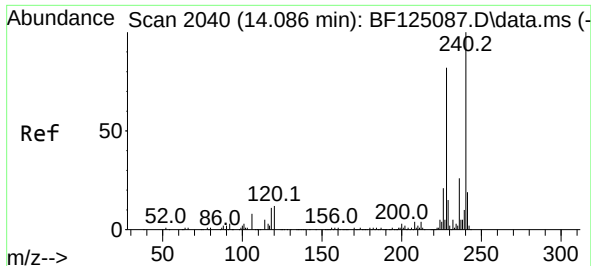
Tgt Ion:188 Resp: 647908
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion:248 Resp: 22147
Ion Ratio Lower Upper
248 100
250 205.9 74.2 111.4#
141 411.7 60.4 90.6#

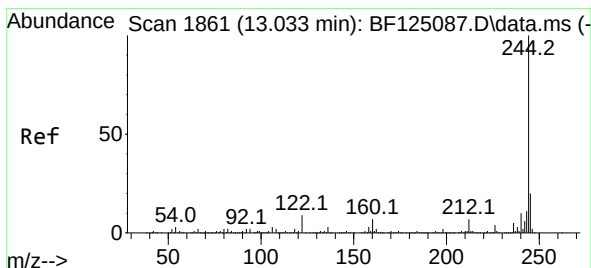
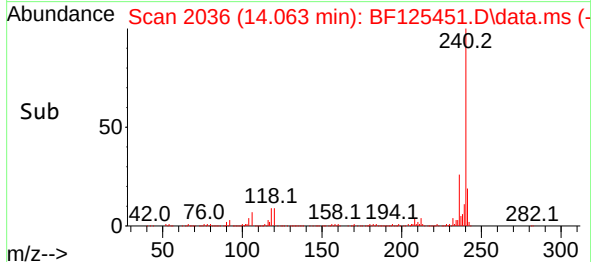
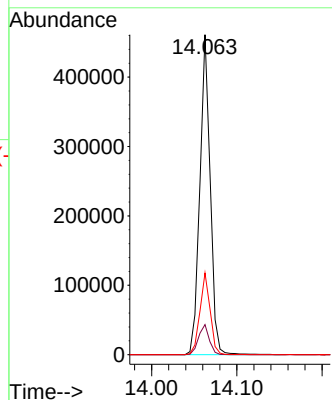
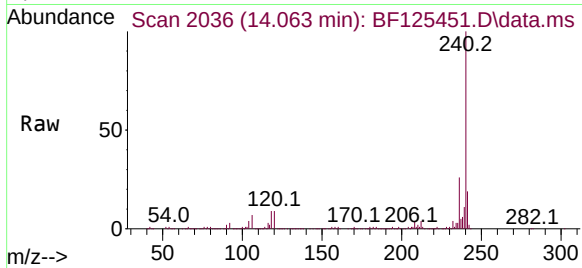




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

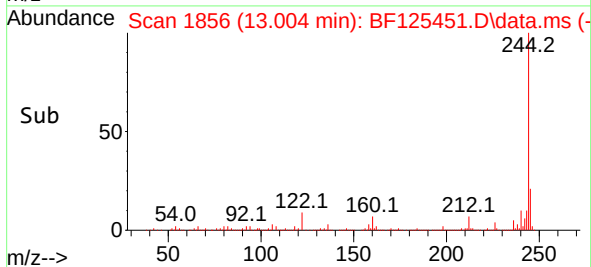
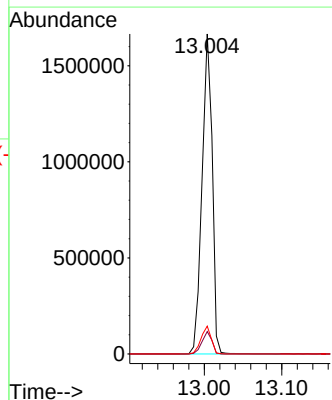
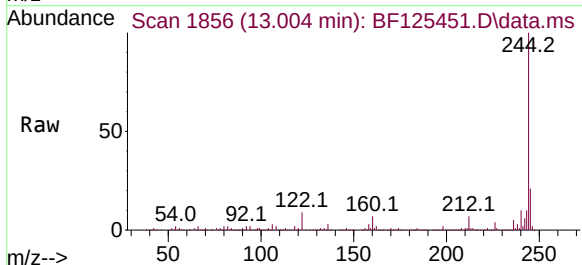
Instrument :
BNA_F
ClientSampleId :
A006015

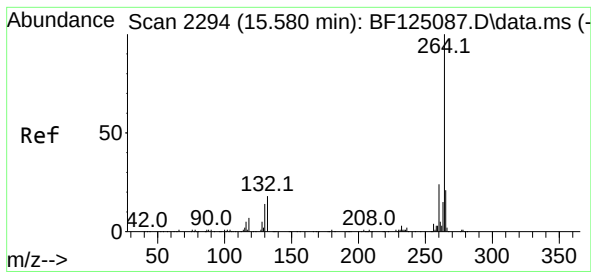
Tgt Ion:240 Resp: 390042
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 61.964 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Tgt Ion:244 Resp: 1517086
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF125451.D
Acq: 13 Sep 2021 19:08

Instrument :
BNA_F
ClientSampleId :
A006015

Tgt Ion:264	Resp:	345117
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.6 29.4
265	21.7	17.2 25.8

