

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125441.D
 Acq On : 13 Sep 2021 13:26
 Operator : JU/CG
 Sample : M3681-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Quant Time: Sep 13 14:07:11 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)

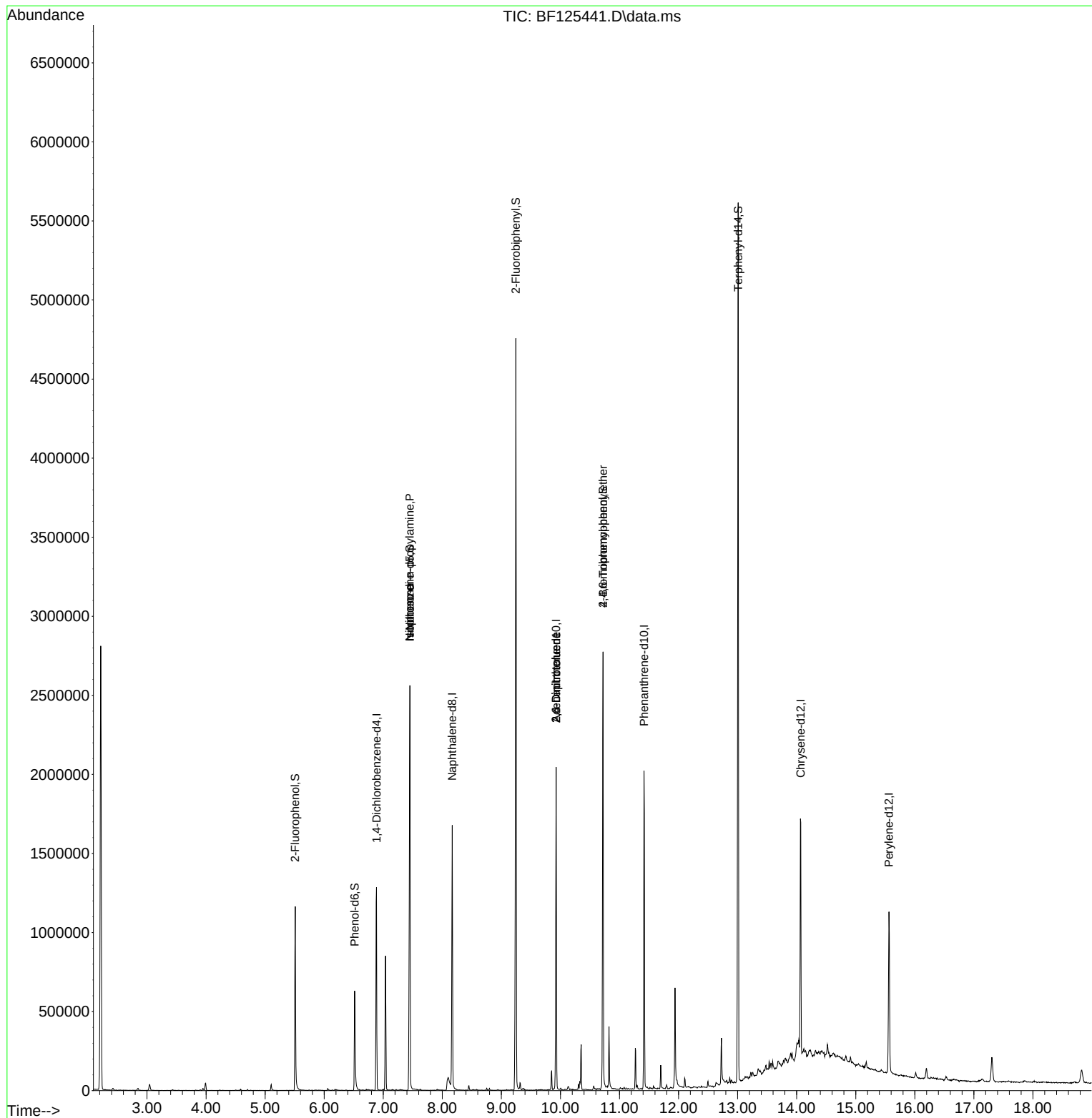
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	195854	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	752443	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	405698	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	767254	20.000	ng	0.00
76) Chrysene-d12	14.068	240	577647	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	470067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	298893	23.099	ng	0.00
7) Phenol-d6	6.516	99	226371	13.527	ng	-0.02
23) Nitrobenzene-d5	7.451	82	882779	59.064	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	359832	88.853	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1597048	54.865	ng	0.00
79) Terphenyl-d14	13.010	244	2015127	55.575	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	118022	11.725	ng	# 56
25) Isophorone	7.451	82	874082	30.316	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	53854	8.834	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	53854	7.299	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	21295	2.311	ng	# 1

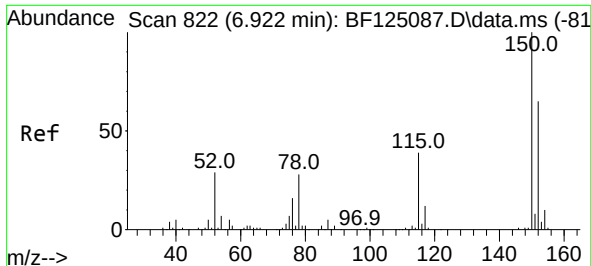
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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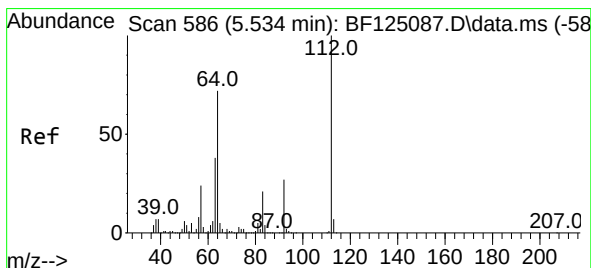
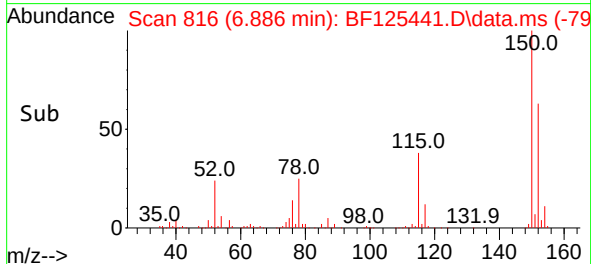
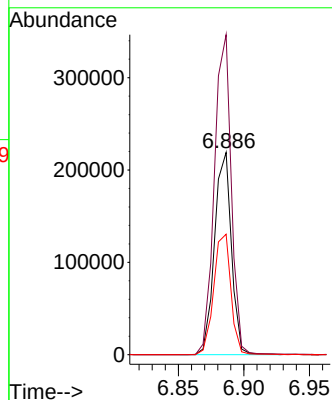
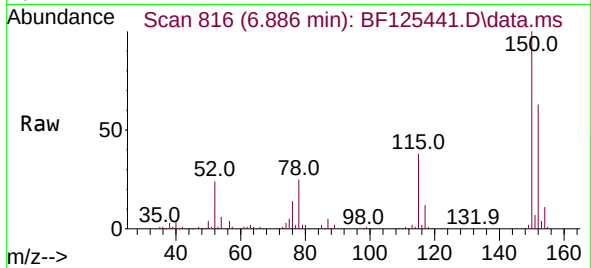




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

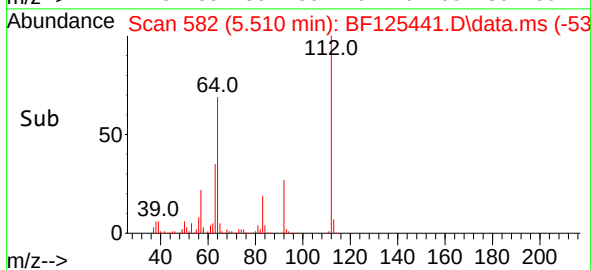
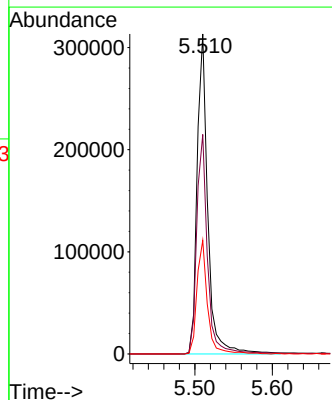
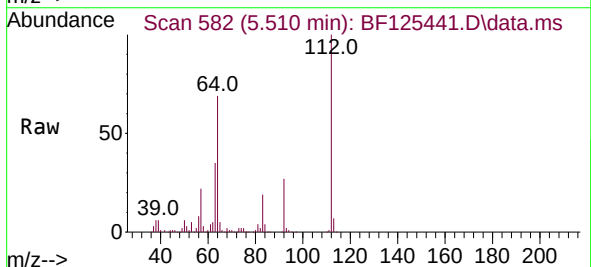
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

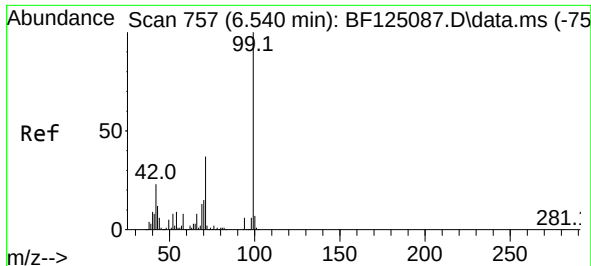
Tgt Ion:152 Resp: 195854
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 23.099 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion:112 Resp: 298893
Ion Ratio Lower Upper
112 100
64 68.6 44.2 66.2#
63 35.5 26.2 39.2

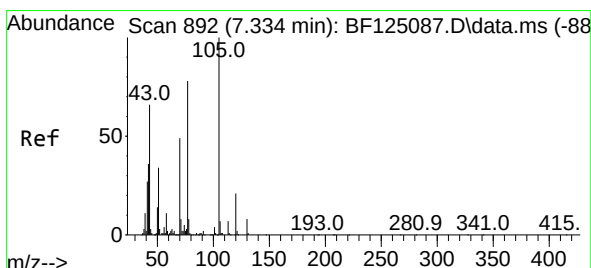
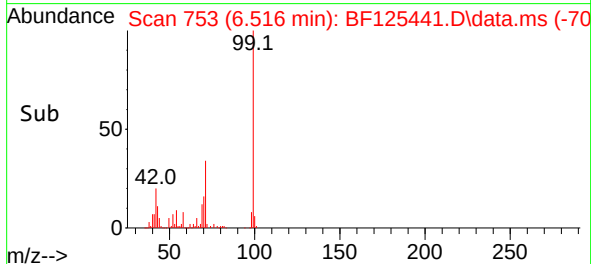
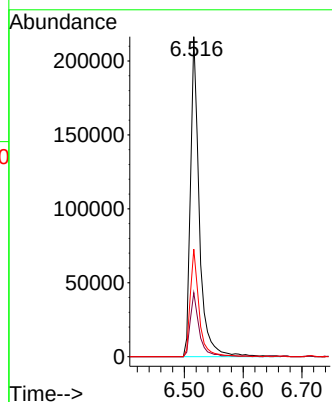
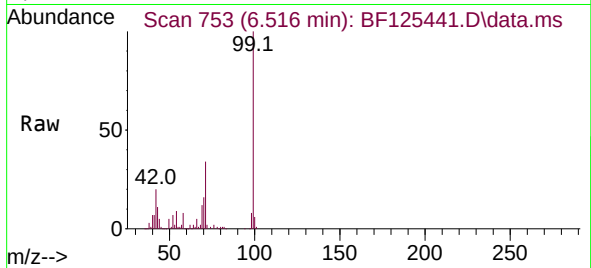




#7
Phenol-d6
Concen: 13.527 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

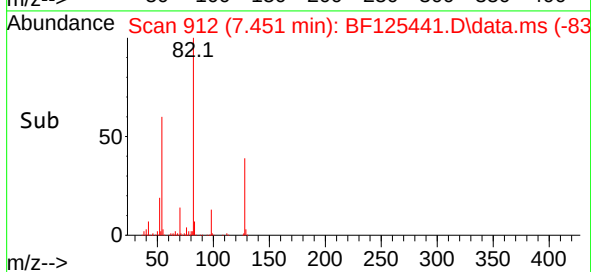
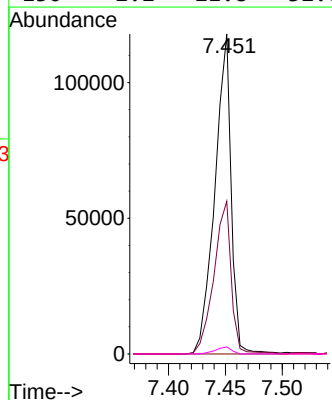
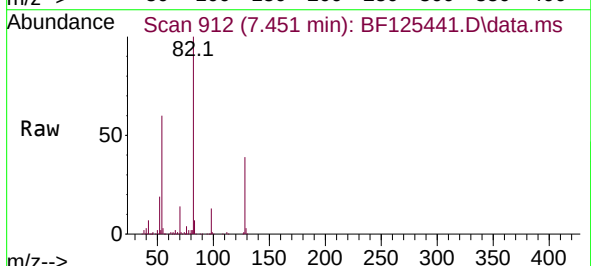
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

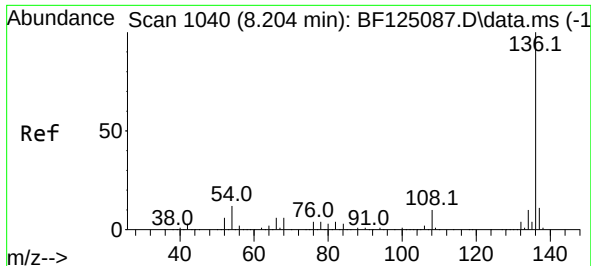
Tgt Ion: 99 Resp: 226371
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 33.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.725 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion: 70 Resp: 118022
Ion Ratio Lower Upper
70 100
42 47.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

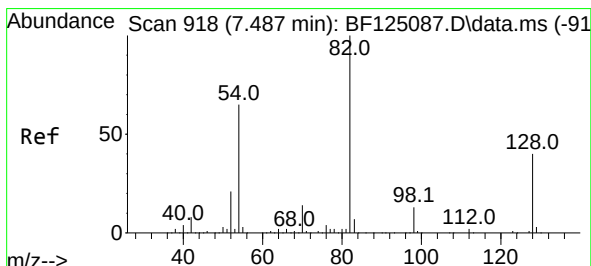
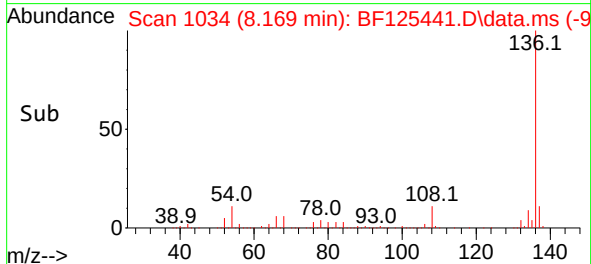
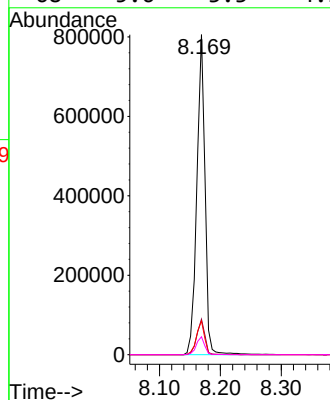
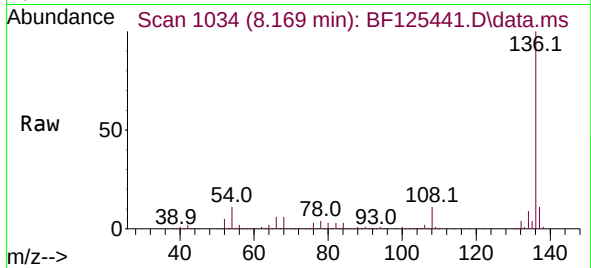




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

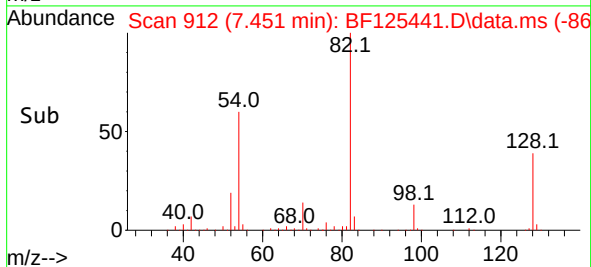
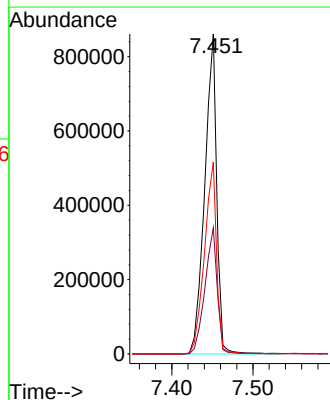
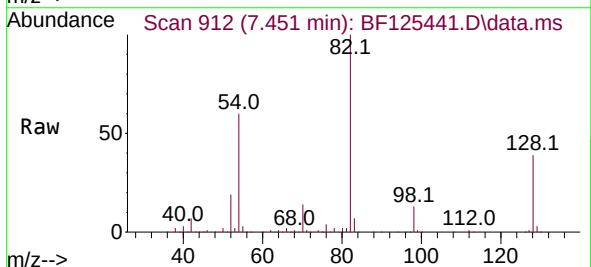
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

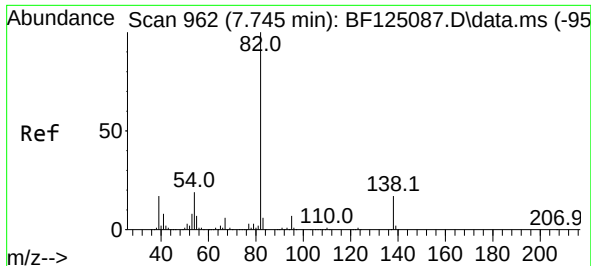
Tgt Ion:136 Resp: 752443
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.6 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 59.064 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion: 82 Resp: 882779
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 60.0 49.6 74.4

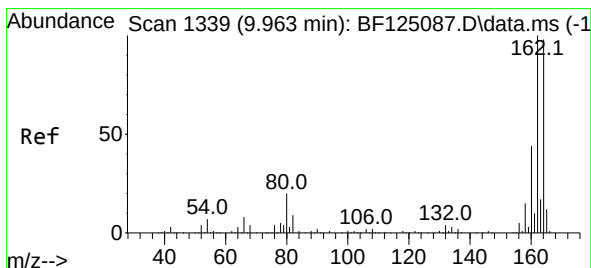
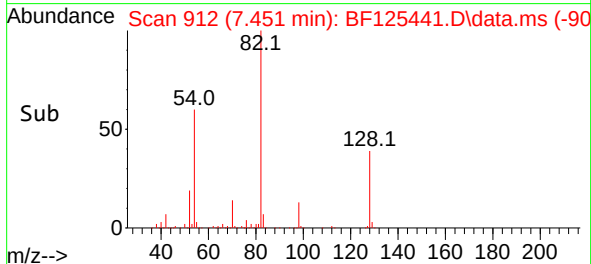
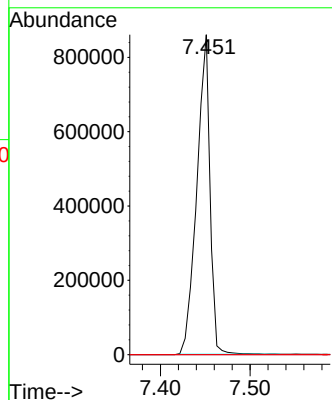
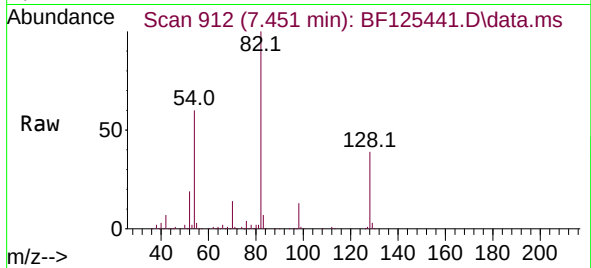




#25
Isophorone
Concen: 30.316 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

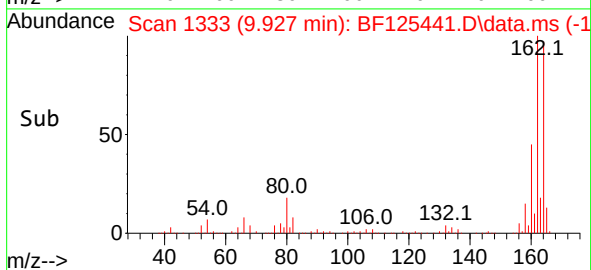
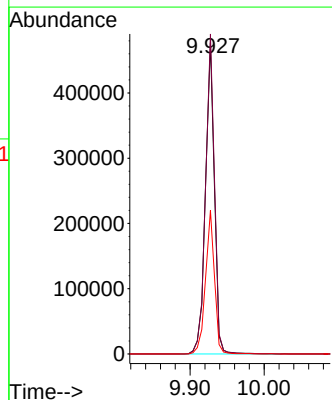
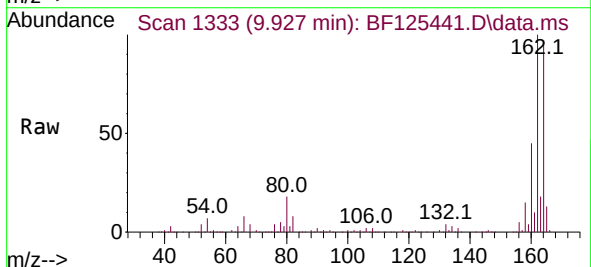
Instrument :
BNA_F
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WATER-PIT

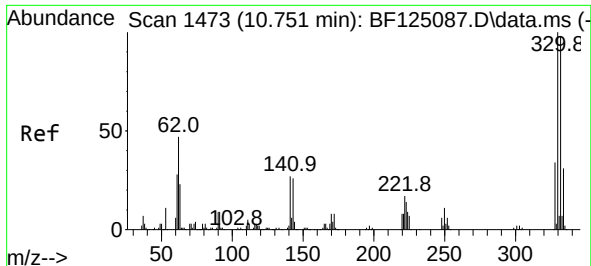
Tgt Ion: 82 Resp: 874082
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion: 164 Resp: 405698
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.1 38.0 57.0

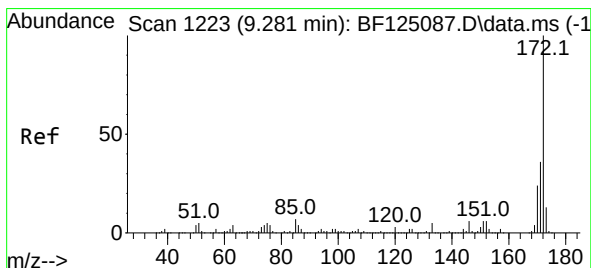
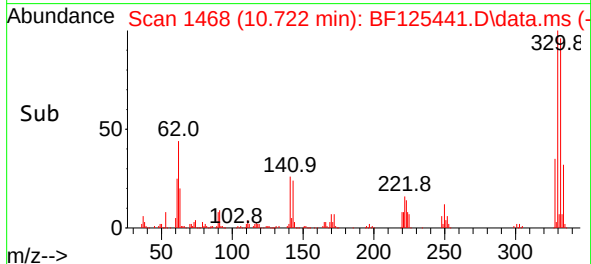
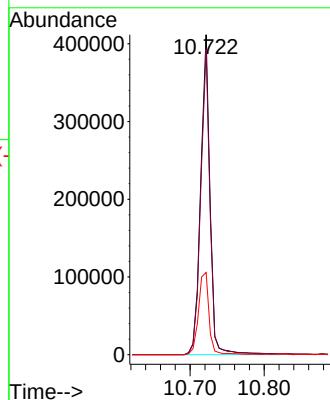
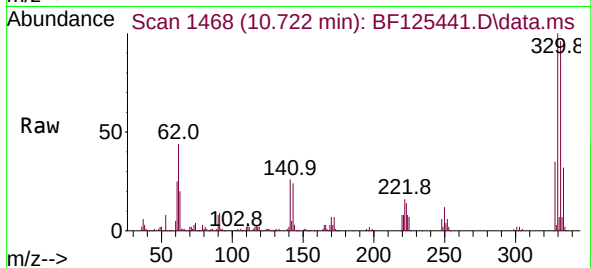




#42
2,4,6-Tribromophenol
Concen: 88.853 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

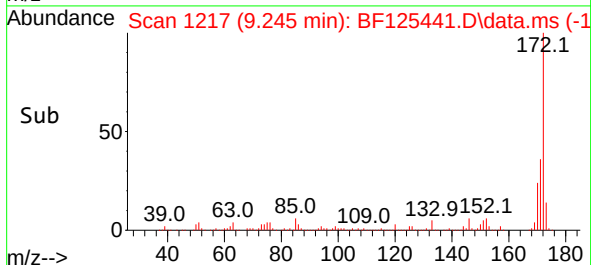
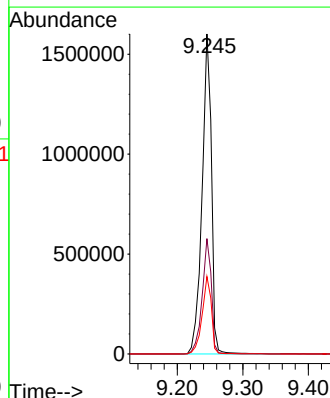
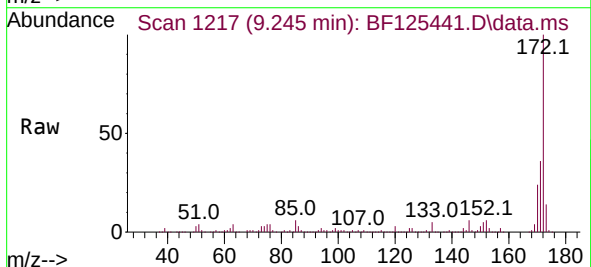
Instrument :
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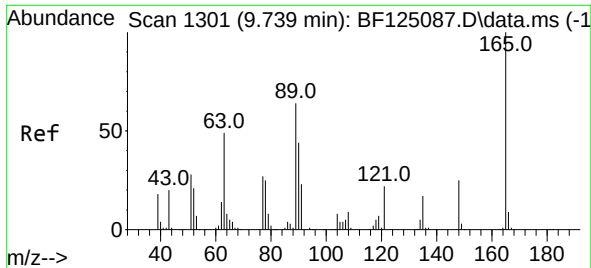
Tgt Ion: 330 Resp: 359832
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.865 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion: 172 Resp: 1597048
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.2 18.8 28.2

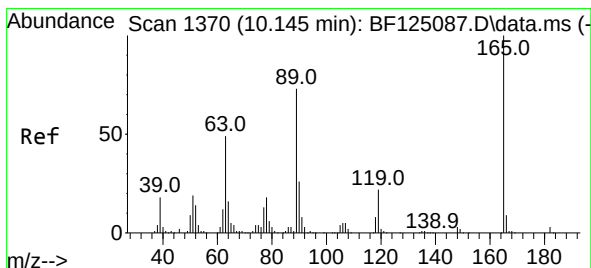
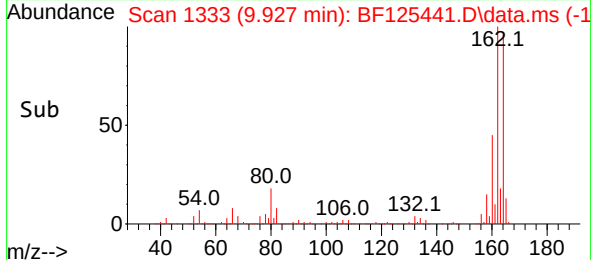
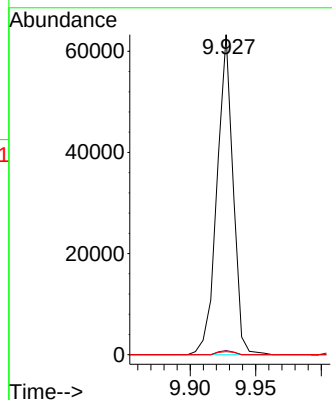
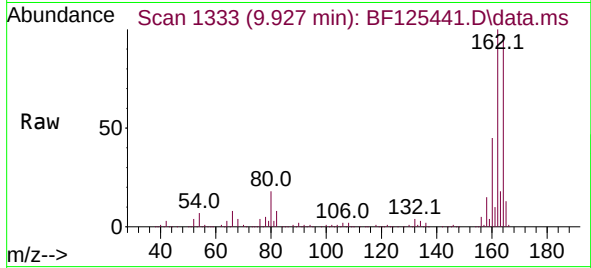




#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

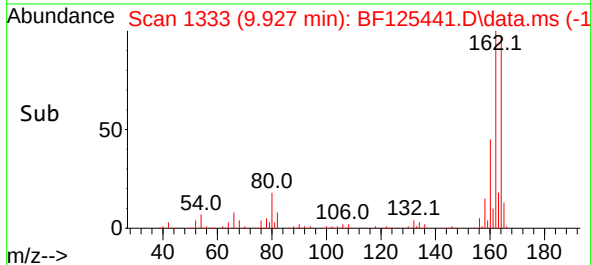
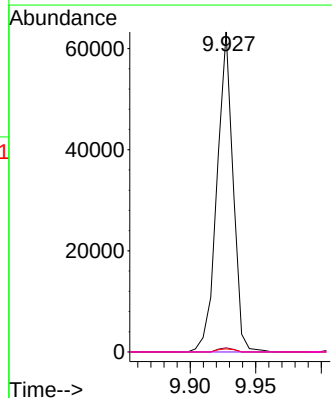
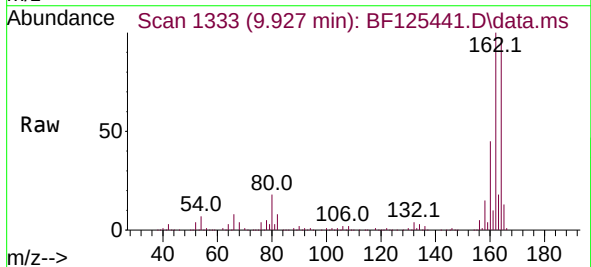
Instrument :
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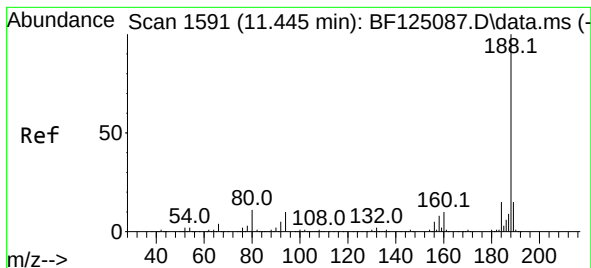
Tgt Ion:165 Resp: 53854
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion:165 Resp: 53854
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

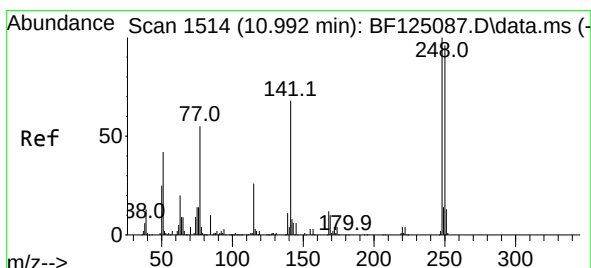
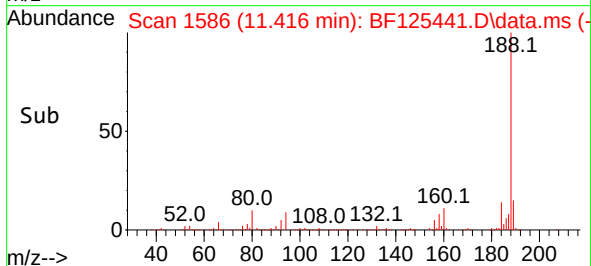
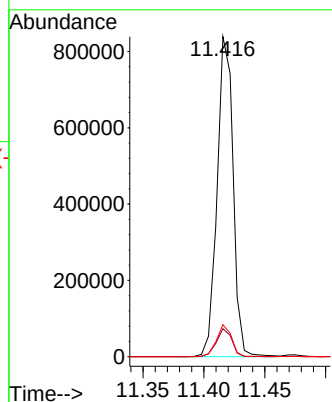
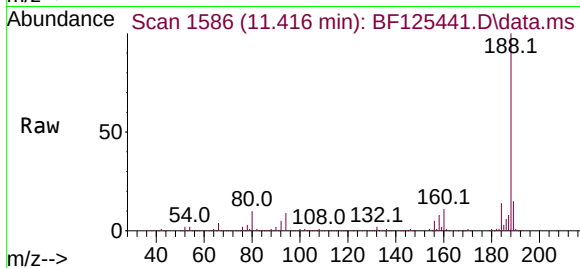




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

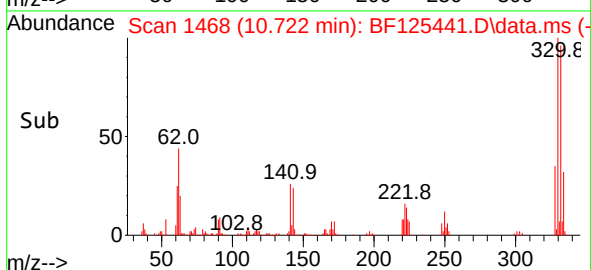
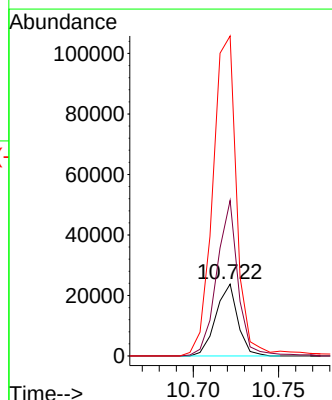
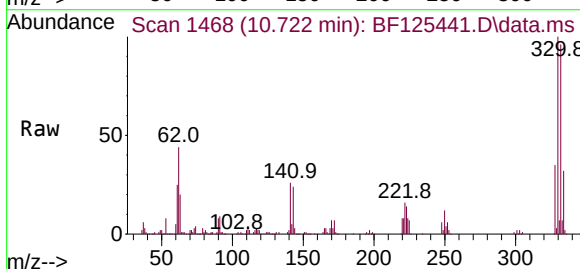
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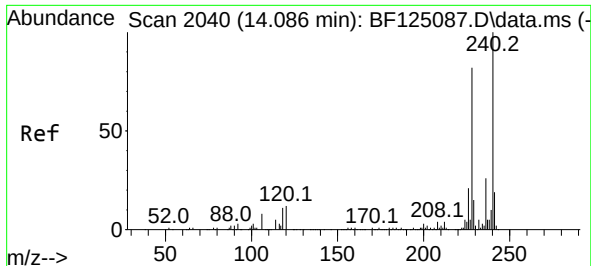
Tgt Ion:188 Resp: 767254
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.311 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion:248 Resp: 21295
Ion Ratio Lower Upper
248 100
250 216.4 74.2 111.4#
141 445.2 60.4 90.6#

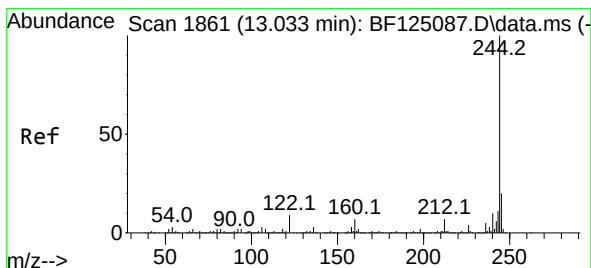
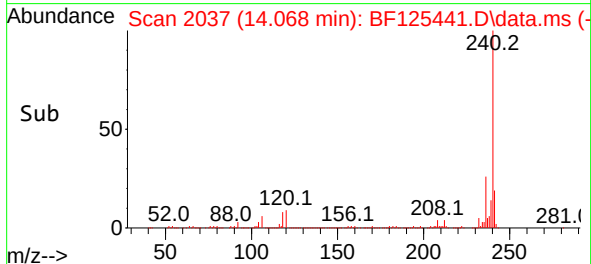
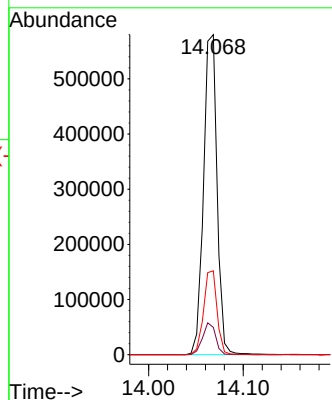
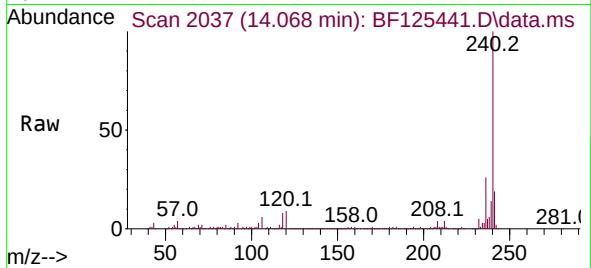




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

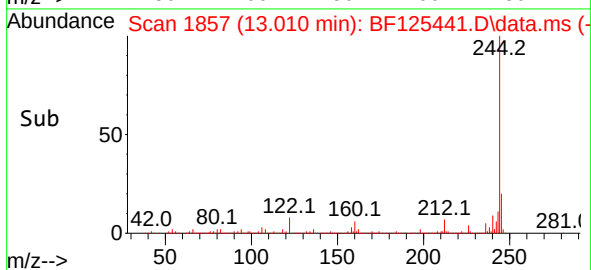
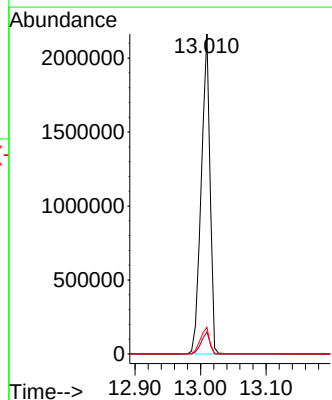
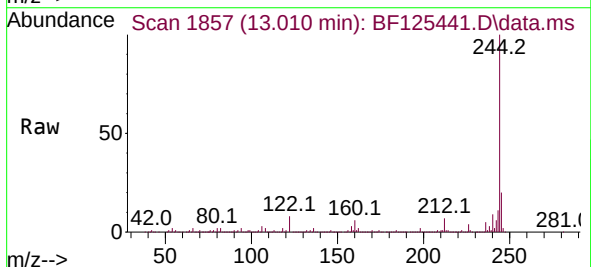
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

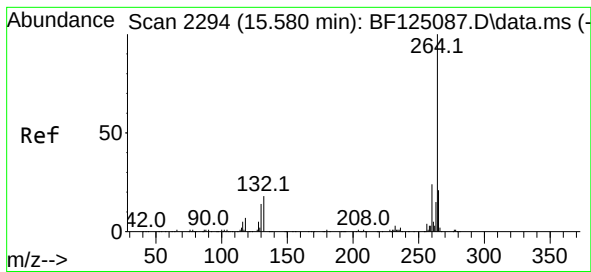
Tgt Ion:240 Resp: 577647
Ion Ratio Lower Upper
240 100
120 8.6 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 55.575 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Tgt Ion:244 Resp: 2015127
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.3 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125441.D
Acq: 13 Sep 2021 13:26

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

Tgt Ion:264	Resp:	470067
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.6 29.4
265	21.3	17.2 25.8

