

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125422.D
 Acq On : 10 Sep 2021 14:07
 Operator : JU/CG
 Sample : M3681-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Quant Time: Sep 10 15:04:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

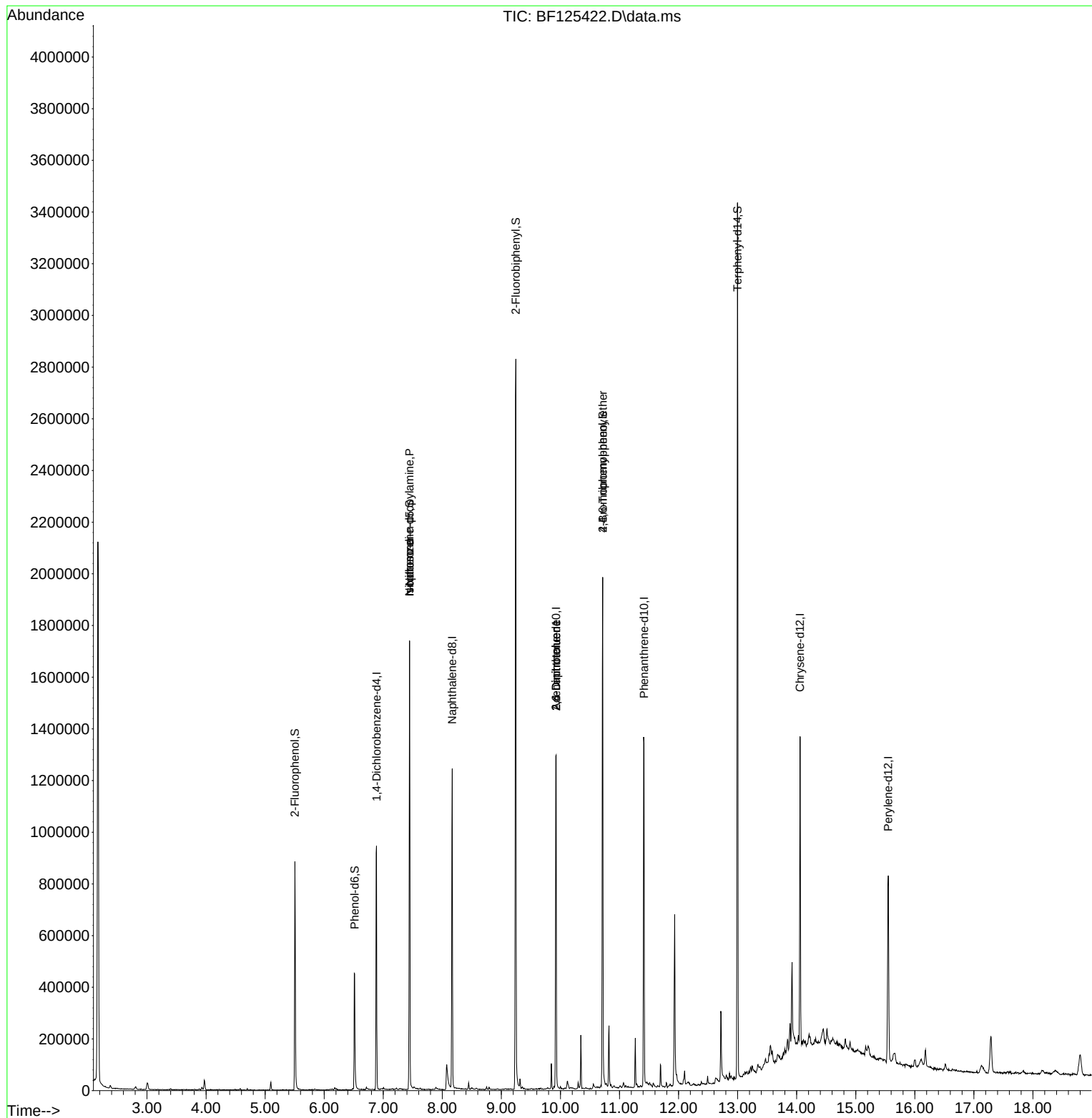
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	145492	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	297981	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	533003	20.000	ng	0.00
76) Chrysene-d12	14.057	240	401013	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	354951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	224437	23.349	ng	0.00
7) Phenol-d6	6.516	99	163748	13.172	ng	-0.01
23) Nitrobenzene-d5	7.445	82	514512	47.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	254212	85.464	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	958242	44.819	ng	0.00
79) Terphenyl-d14	12.998	244	1184591	47.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	70361	9.410	ng	# 57
25) Isophorone	7.445	82	514501	24.789	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	37726	8.425	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	37726	6.962	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	16229	2.536	ng	# 1

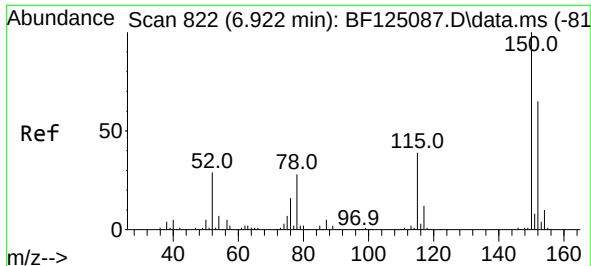
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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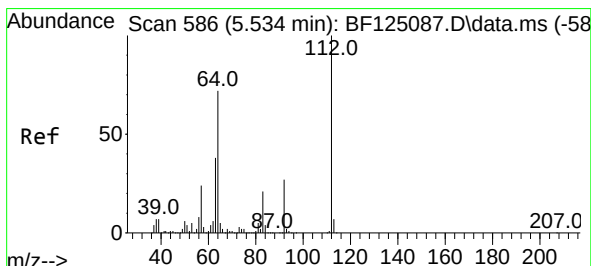
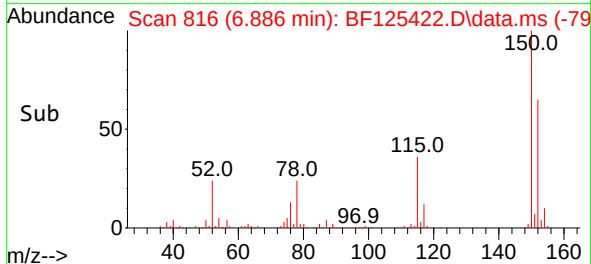
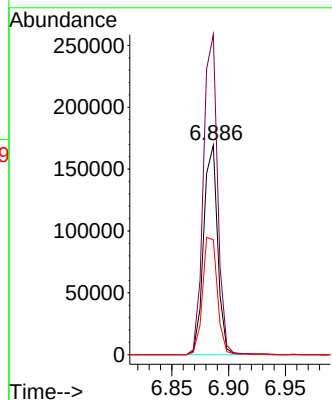
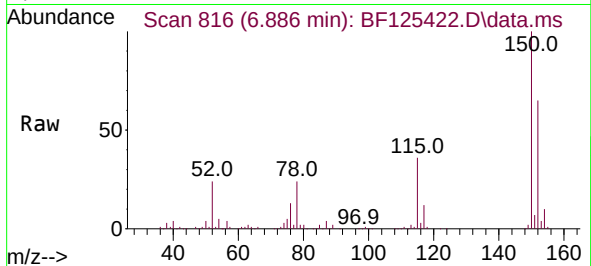




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

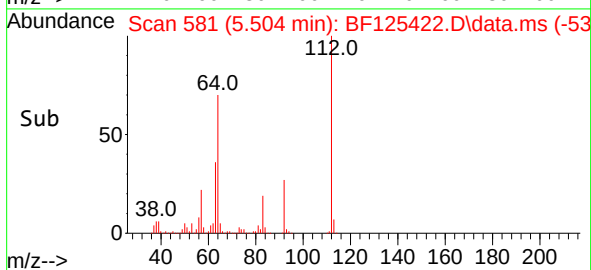
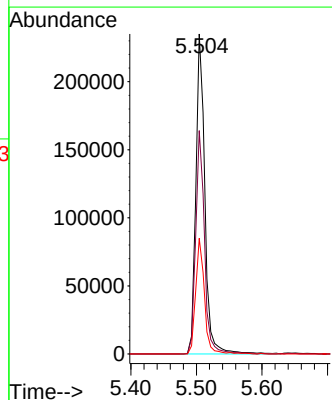
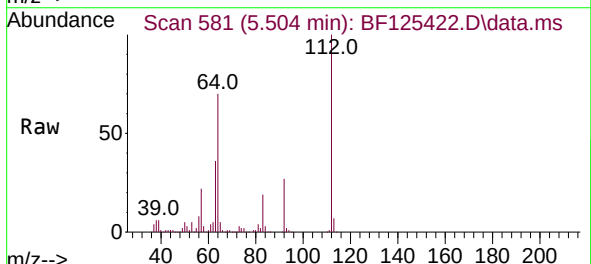
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

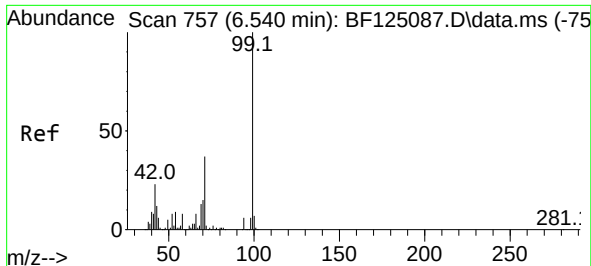
Tgt Ion:152 Resp: 145492
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 54.9 47.1 70.7



#5
2-Fluorophenol
Concen: 23.349 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion:112 Resp: 224437
Ion Ratio Lower Upper
112 100
64 69.8 44.2 66.2#
63 36.2 26.2 39.2

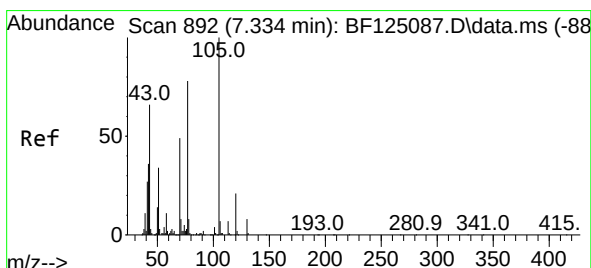
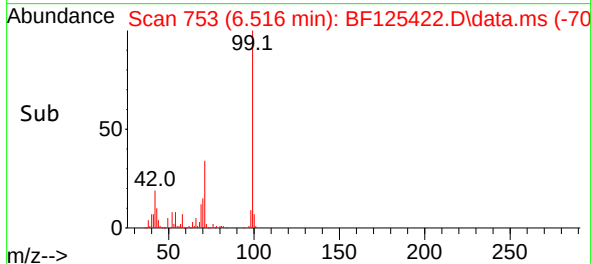
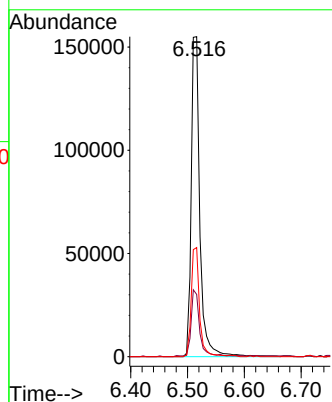
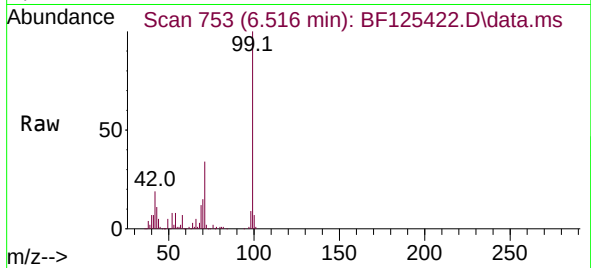




#7
Phenol-d6
Concen: 13.172 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

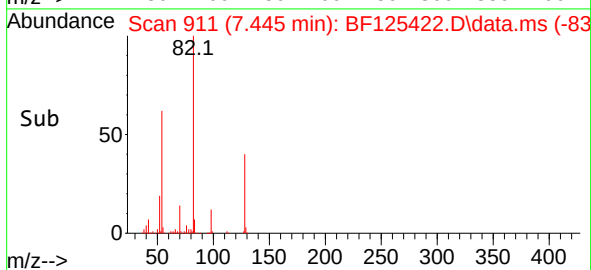
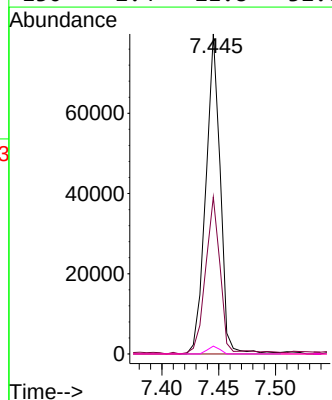
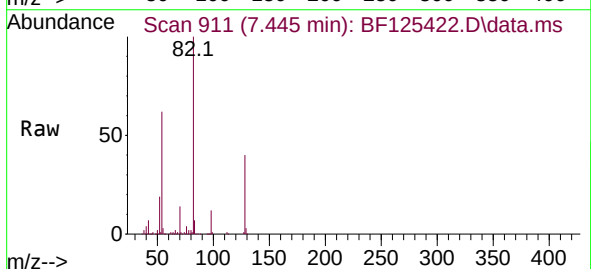
Instrument :
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ClientSampleId :
WATER-PIT

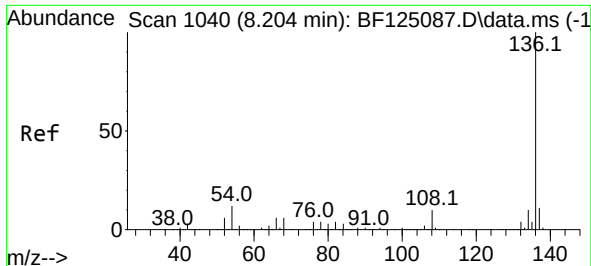
Tgt Ion: 99 Resp: 163748
Ion Ratio Lower Upper
99 100
42 19.4 23.5 35.3#
71 34.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.410 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

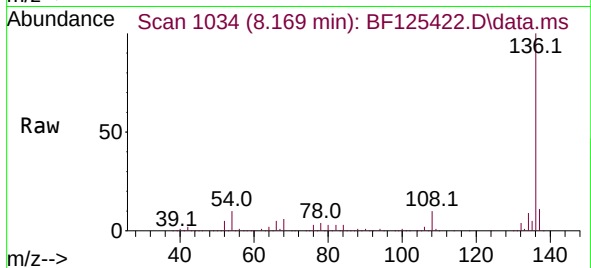
Tgt Ion: 70 Resp: 70361
Ion Ratio Lower Upper
70 100
42 49.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



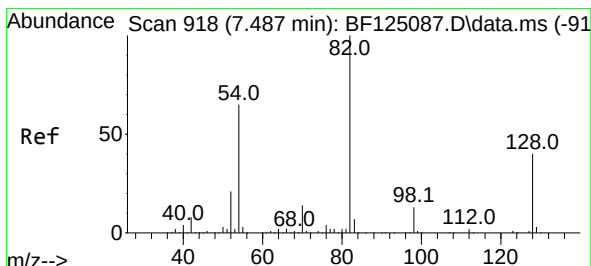
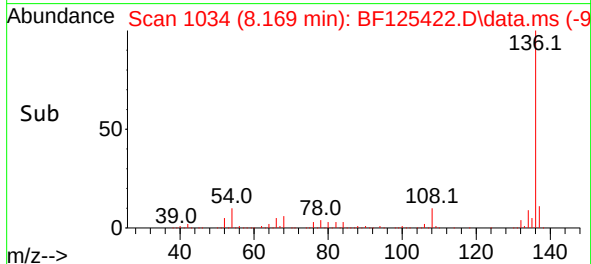
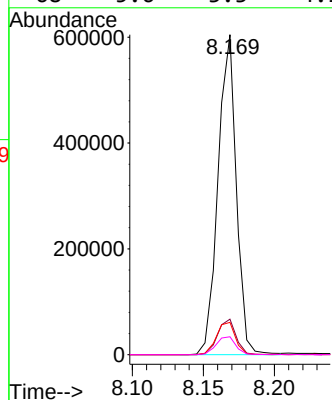


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Instrument :
BNA_F
ClientSampleId :
WATER-PIT

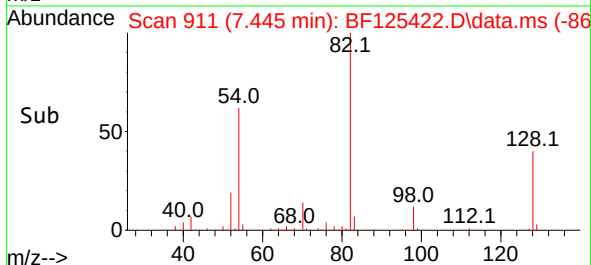
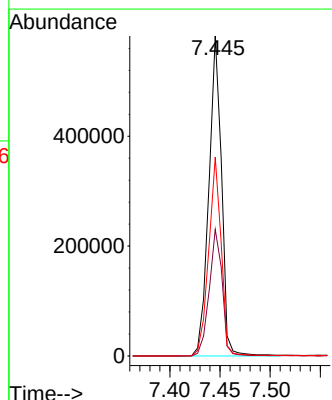
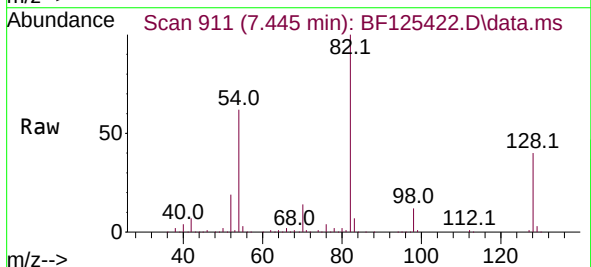


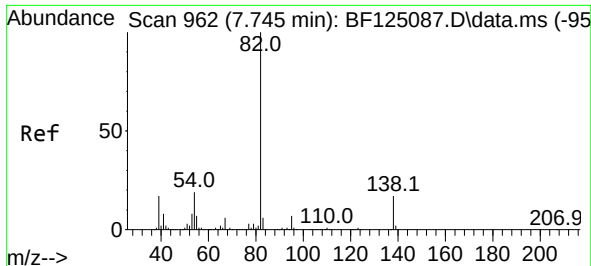
Tgt Ion:136 Resp: 541647
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.1 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 47.822 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion: 82 Resp: 514512
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 62.1 49.6 74.4

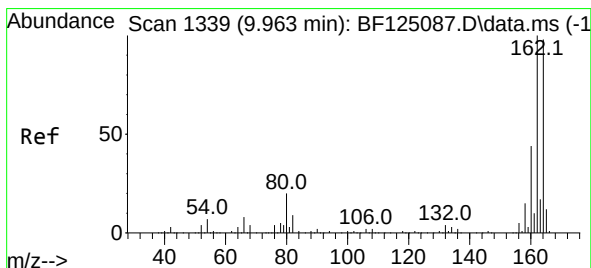
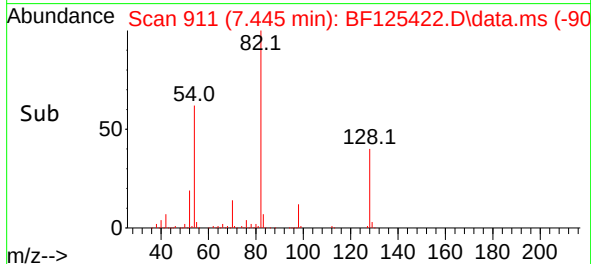
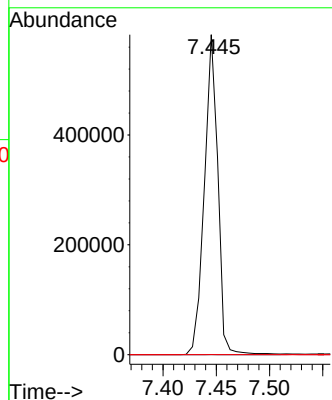
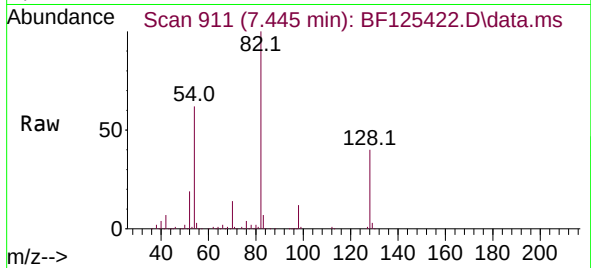




#25
Isophorone
Concen: 24.789 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

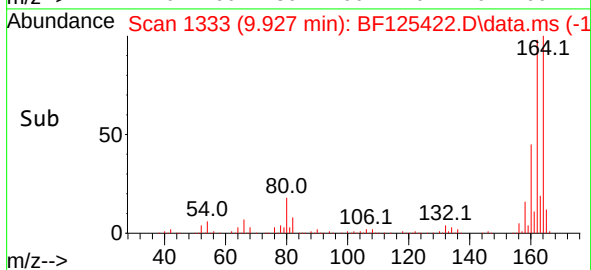
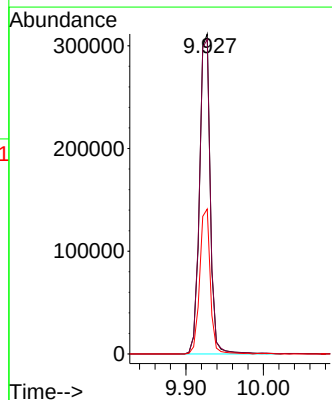
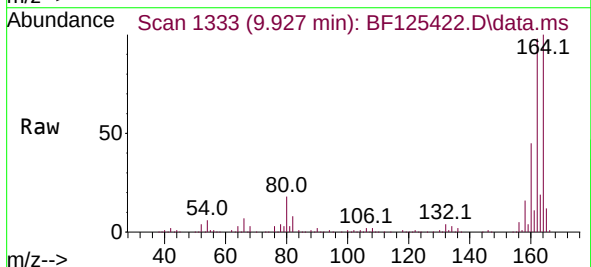
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WATER-PIT

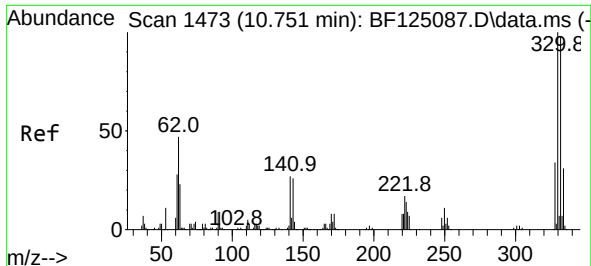
Tgt Ion: 82 Resp: 514501
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion: 164 Resp: 297981
Ion Ratio Lower Upper
164 100
162 98.3 81.3 121.9
160 45.3 38.0 57.0

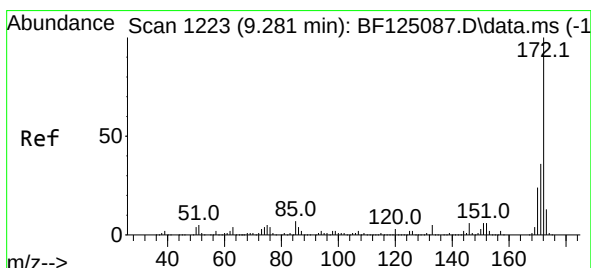
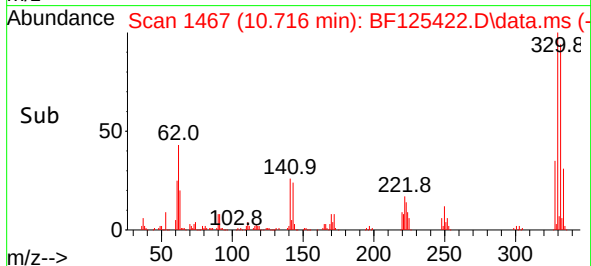
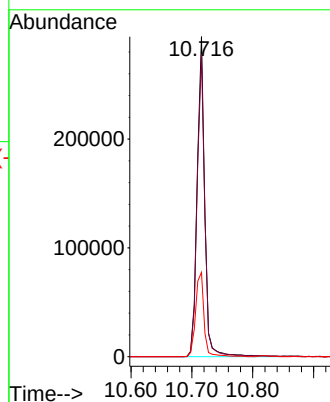
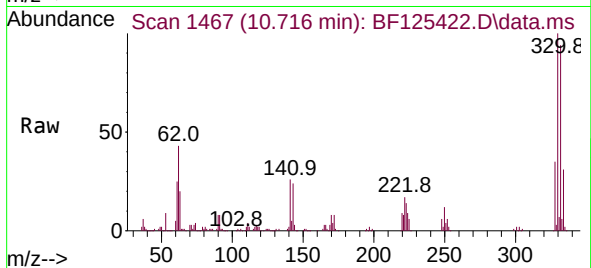




#42
2,4,6-Tribromophenol
Concen: 85.464 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

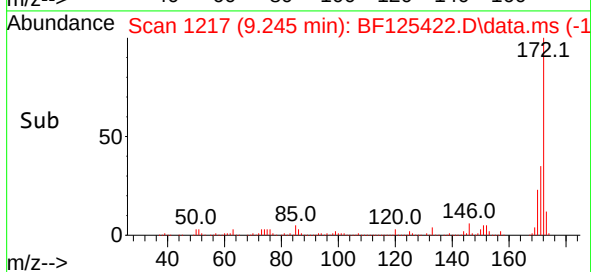
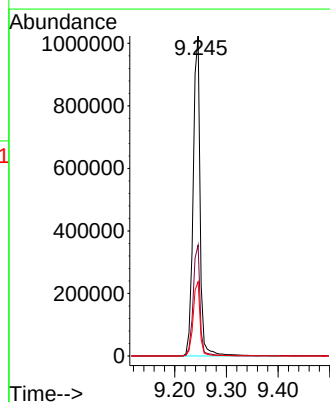
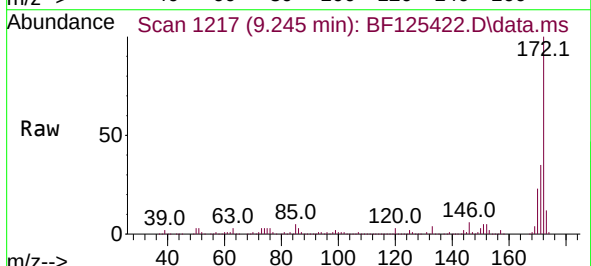
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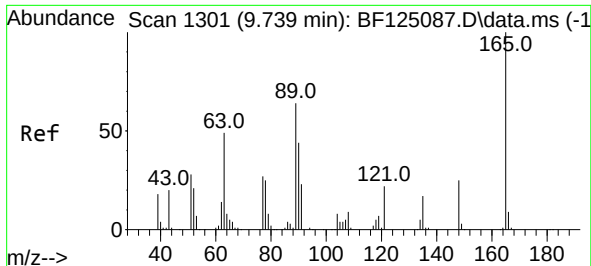
Tgt Ion: 330 Resp: 254212
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 44.819 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion: 172 Resp: 958242
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.2 18.8 28.2

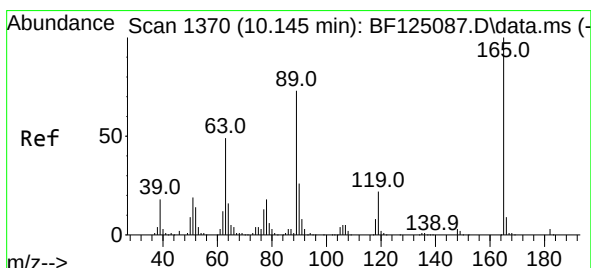
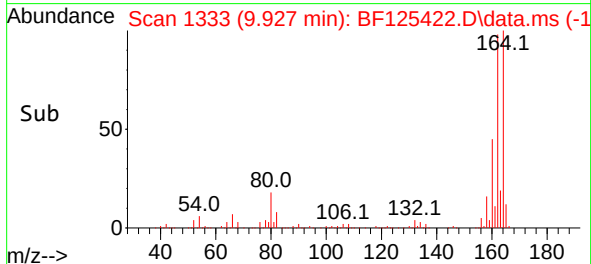
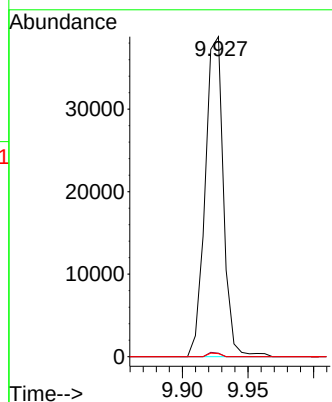
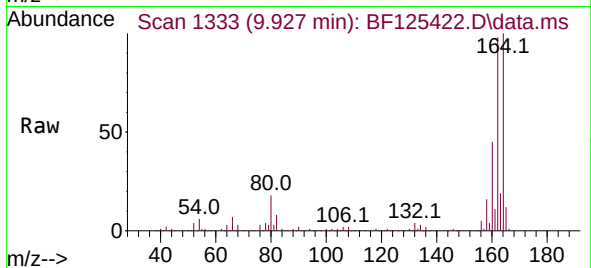




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

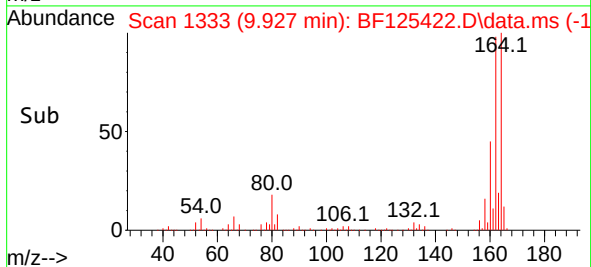
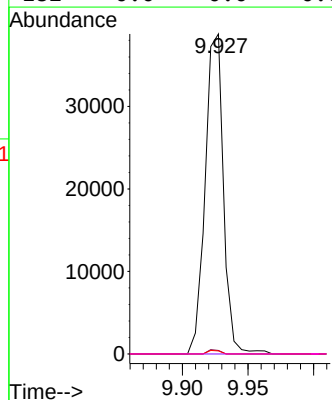
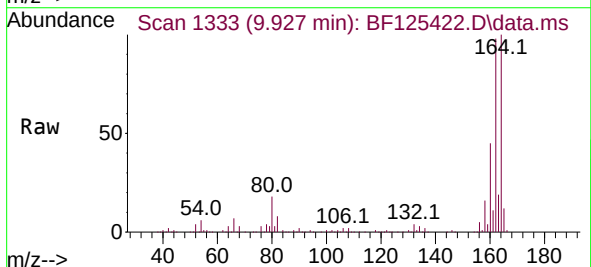
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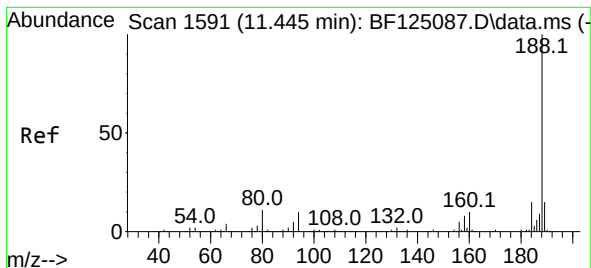
Tgt Ion:165 Resp: 37726
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.962 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion:165 Resp: 37726
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF125422.D

Acq: 10 Sep 2021 14:07

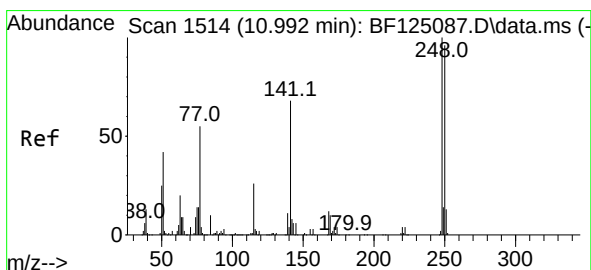
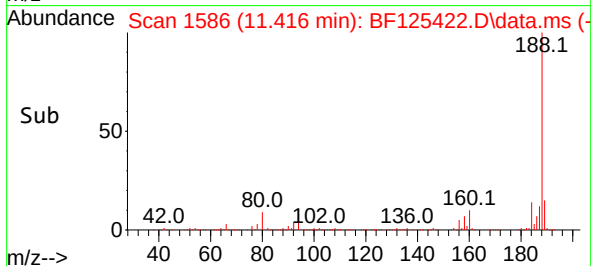
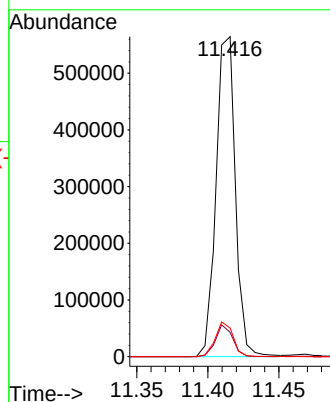
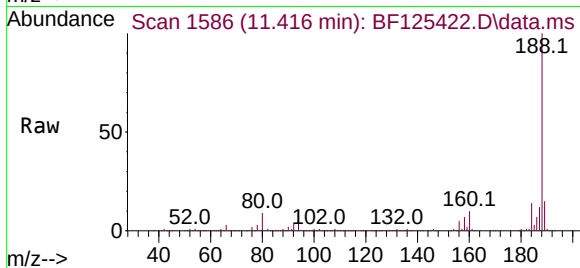
Tgt Ion:188 Resp: 533003

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 8.9 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.536 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.241 min

Lab File: BF125422.D

Acq: 10 Sep 2021 14:07

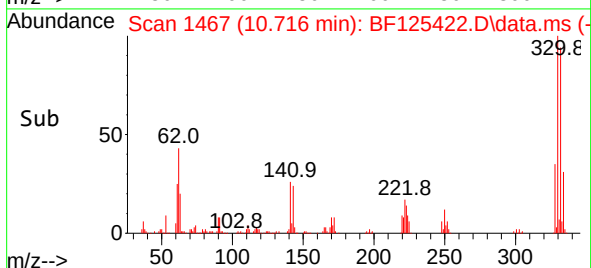
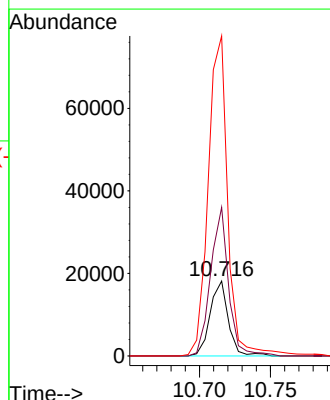
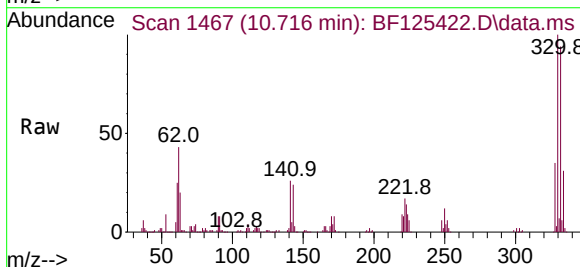
Tgt Ion:248 Resp: 16229

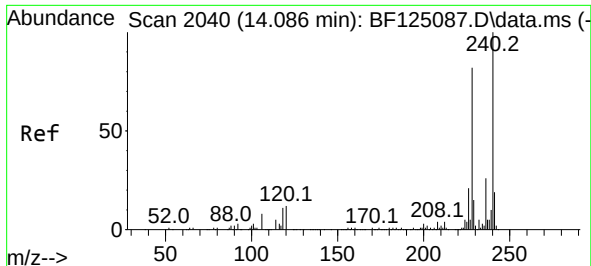
Ion Ratio Lower Upper

248 100

250 198.5 74.2 111.4#

141 427.2 60.4 90.6#

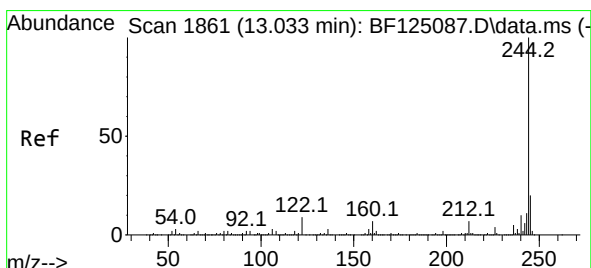
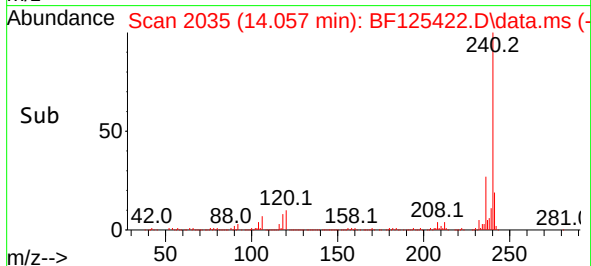
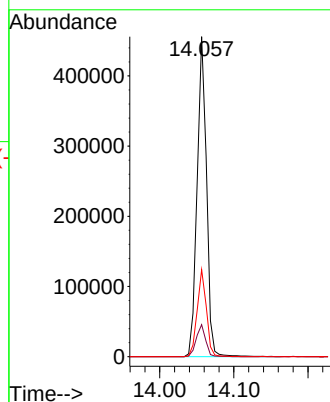
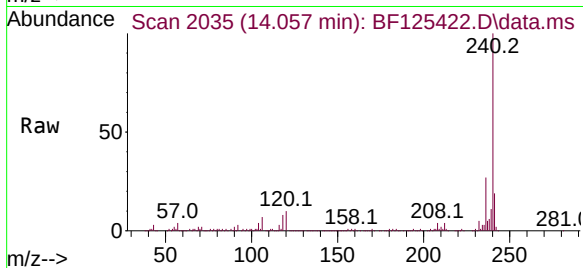




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

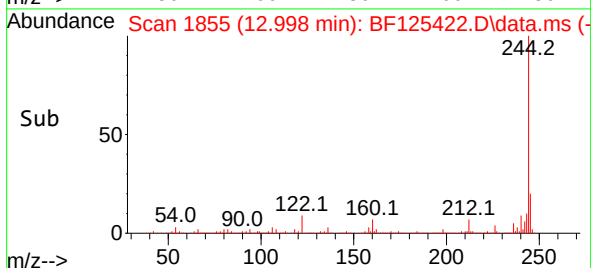
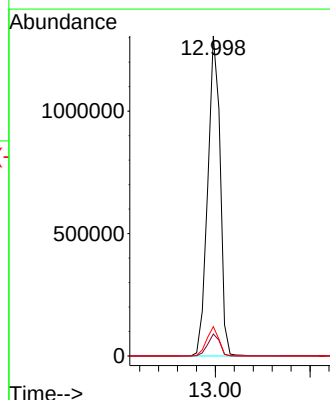
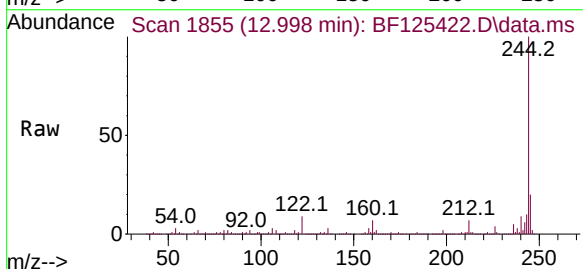
Instrument :
BNA_F
ClientSampleId :
WATER-PIT

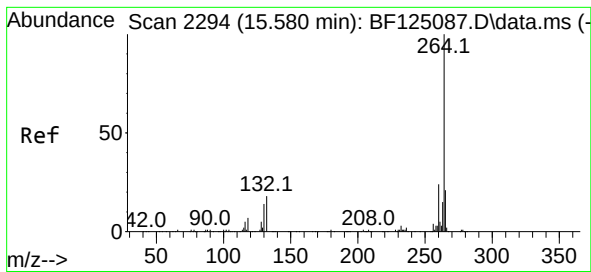
Tgt Ion:240 Resp: 401013
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 27.2 21.6 32.4



#79
Terphenyl-d14
Concen: 47.060 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125422.D
Acq: 10 Sep 2021 14:07

Tgt Ion:244 Resp: 1184591
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125422.D
 Acq: 10 Sep 2021 14:07

Instrument :
 BNA_F
 ClientSampleId :
 WATER-PIT

Tgt Ion:264	Resp:	354951
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.6 29.4
265	20.5	17.2 25.8

