

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125852.D
 Acq On : 14 Oct 2021 19:13
 Operator : JU/CG
 Sample : M4056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-B

Quant Time: Oct 15 10:42:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

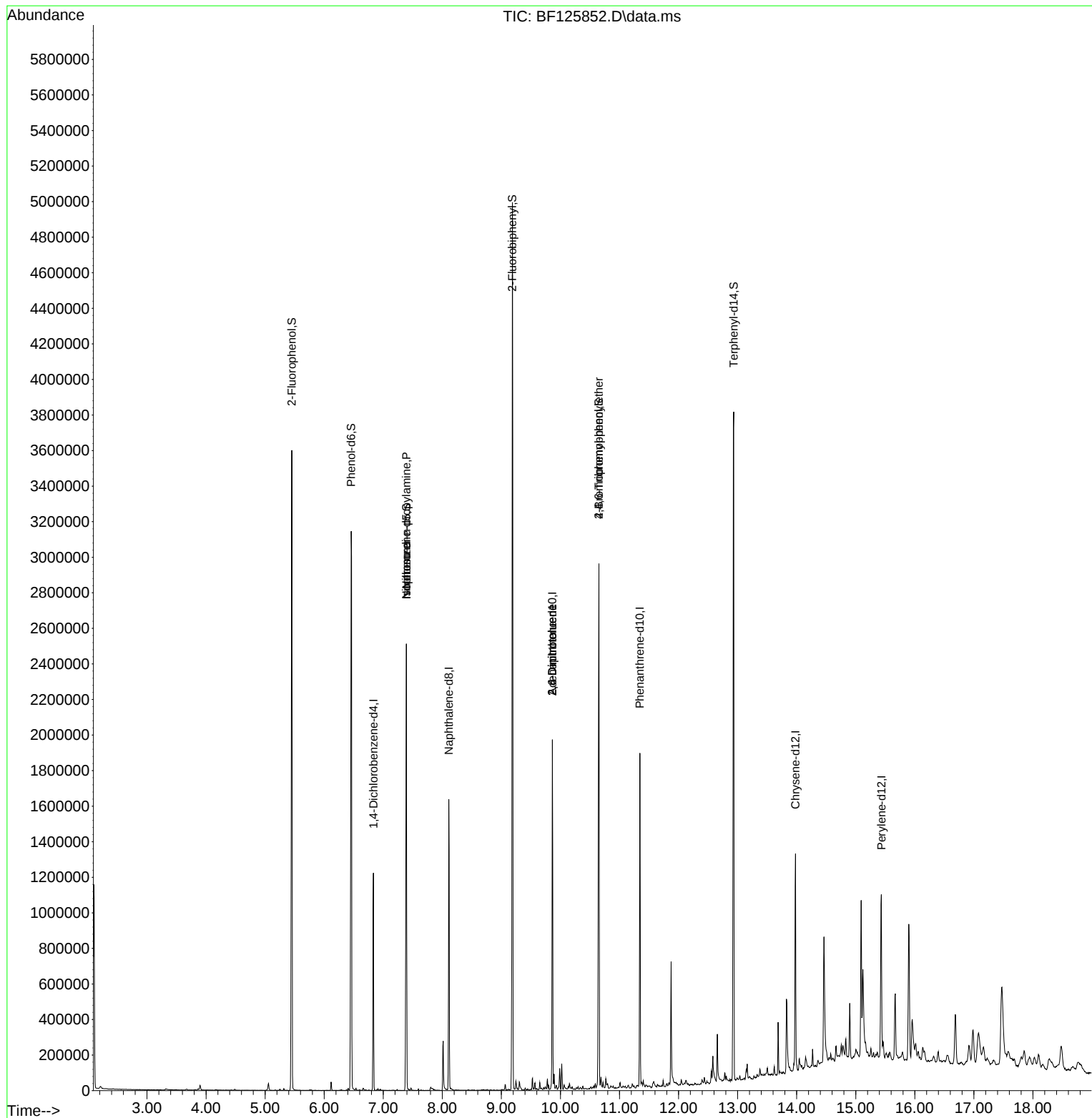
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	180214	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	740646	20.000	ng	#-0.02
39) Acenaphthene-d10	9.863	164	387663	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	622294	20.000	ng	-0.02
76) Chrysene-d12	13.980	240	402128	20.000	ng	-0.02
86) Perylene-d12	15.433	264	406965	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1129068	102.349	ng	-0.01
7) Phenol-d6	6.457	99	1407234	99.092	ng	-0.02
23) Nitrobenzene-d5	7.392	82	816069	68.490	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	373257	97.521	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1608771	71.579	ng	-0.02
79) Terphenyl-d14	12.933	244	1379755	52.265	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	100773	13.442	ng	# 50
25) Isophorone	7.392	82	816047	38.658	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	49861	9.666	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	49861	7.645	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	21038	3.053	ng	# 1

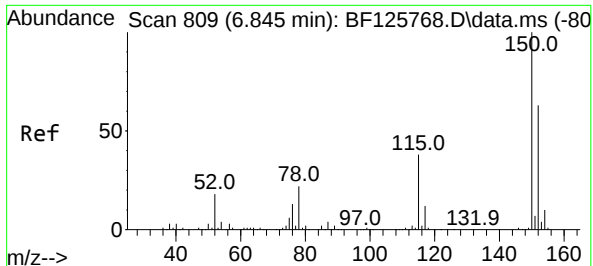
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
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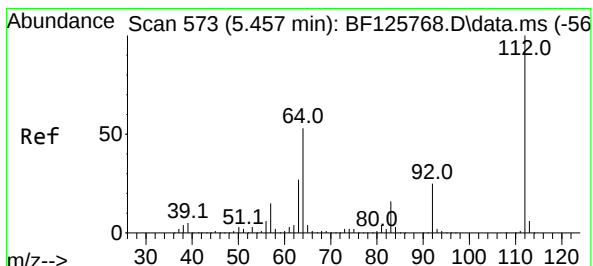
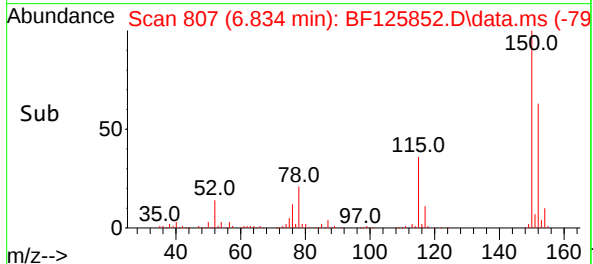
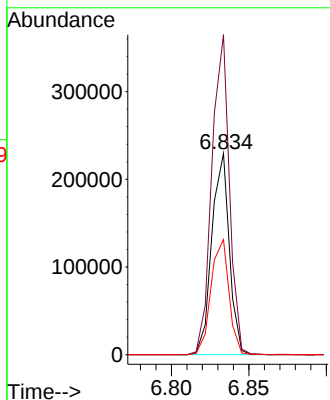
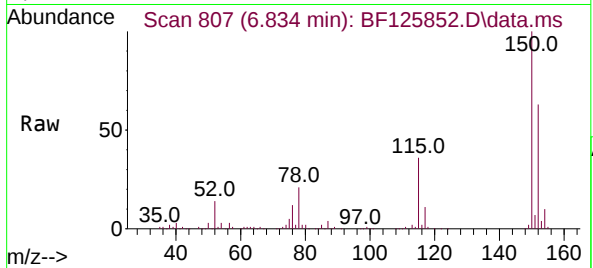




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

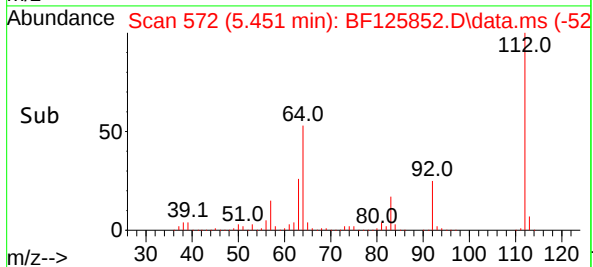
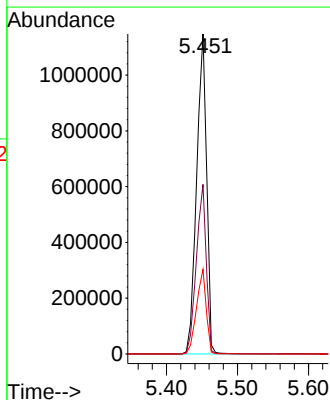
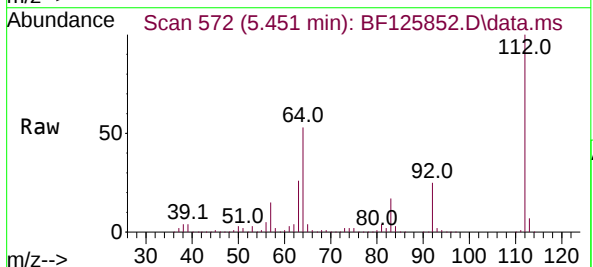
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

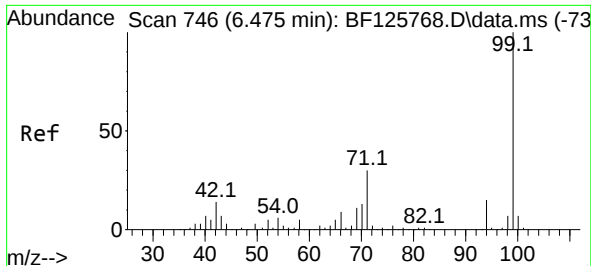
Tgt Ion:152 Resp: 180214
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 102.349 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:112 Resp: 1129068
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.4 26.2 39.2

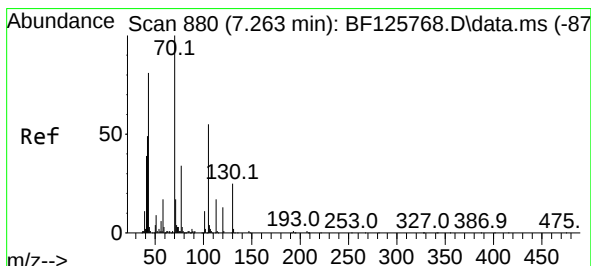
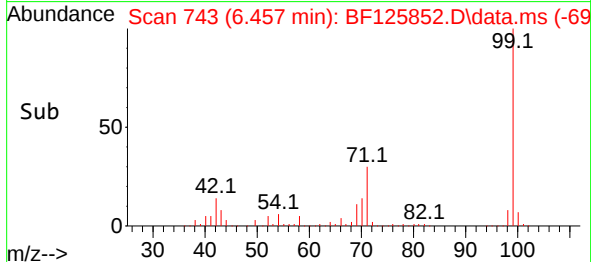
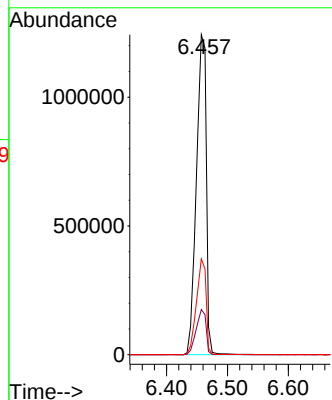
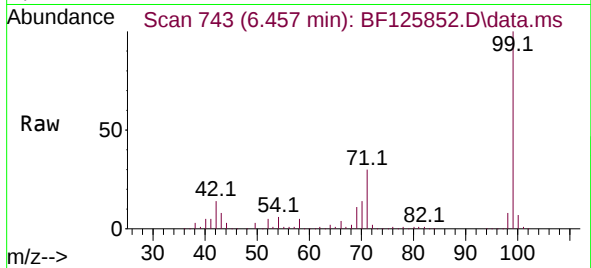




#7
Phenol-d6
Concen: 99.092 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

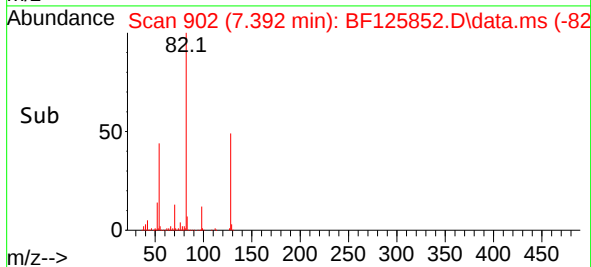
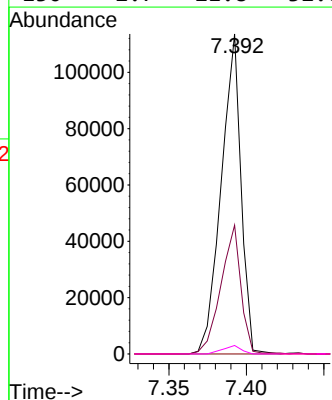
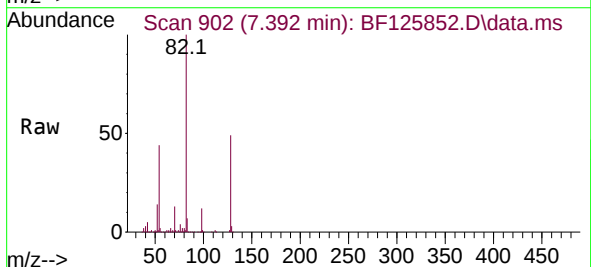
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

Tgt Ion: 99 Resp: 1407234
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.442 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion: 70 Resp: 100773
Ion Ratio Lower Upper
70 100
42 40.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

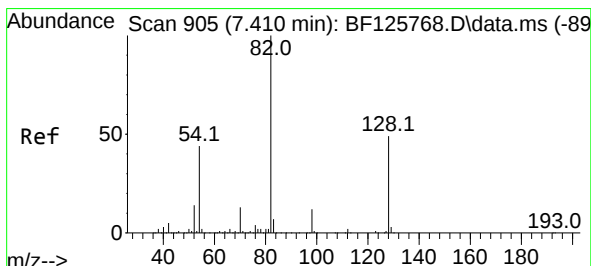
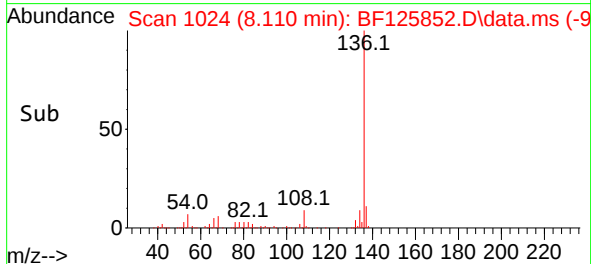
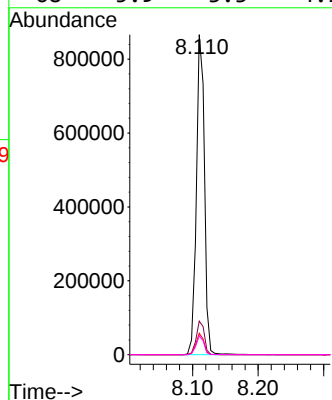
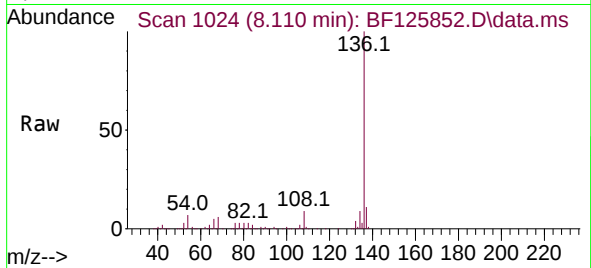




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

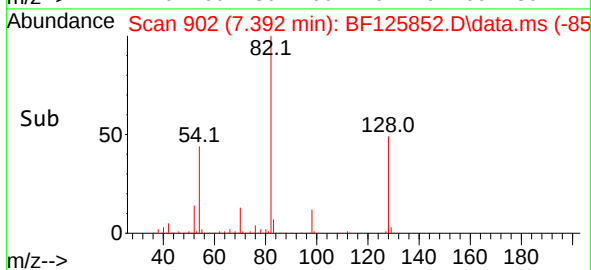
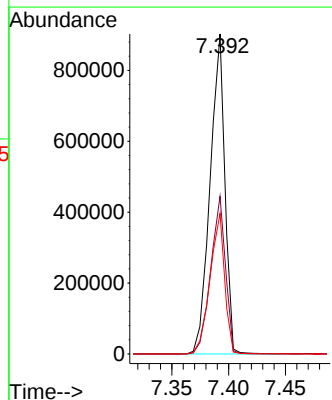
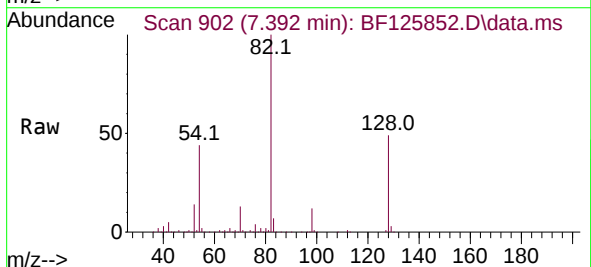
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

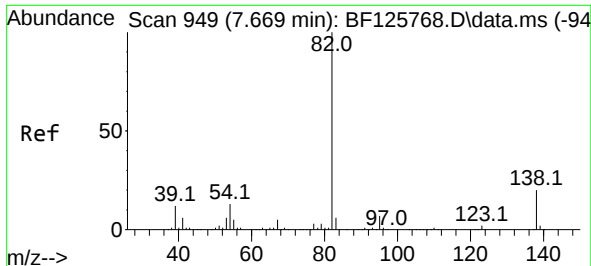
Tgt Ion:136	Resp: 740646
Ion Ratio	Lower Upper
136 100	
137 10.5	9.8 14.6
54 6.7	6.4 9.6
68 5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.490 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion: 82	Resp: 816069
Ion Ratio	Lower Upper
82 100	
128 49.3	40.6 60.8
54 43.9	49.6 74.4#

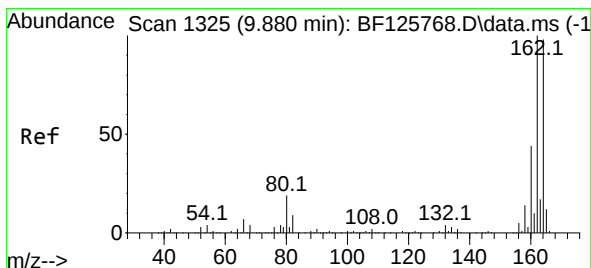
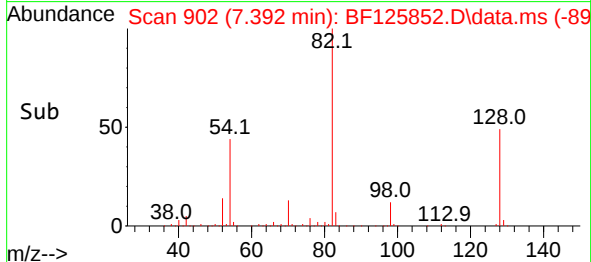
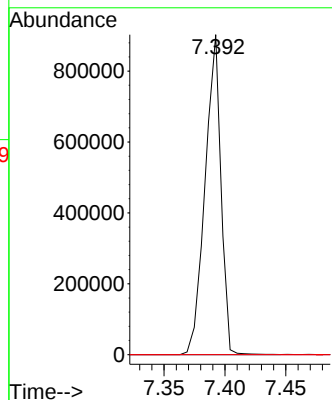
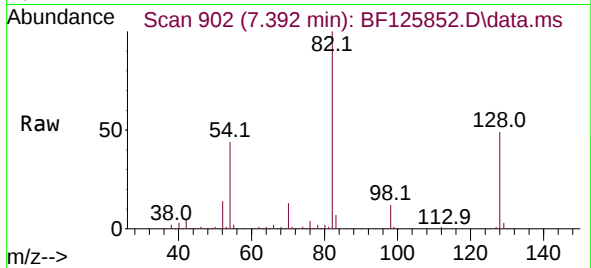




#25
Isophorone
Concen: 38.658 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.277 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

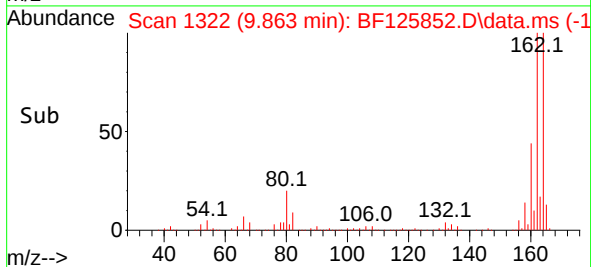
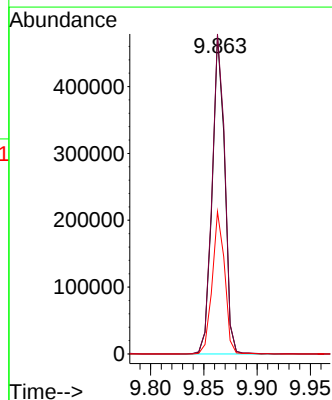
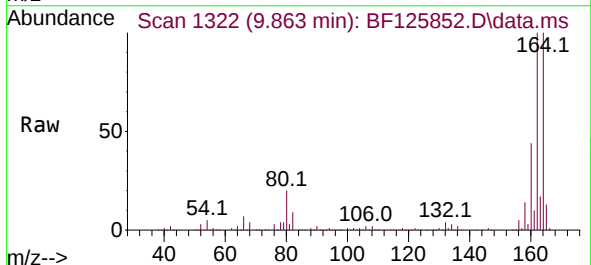
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

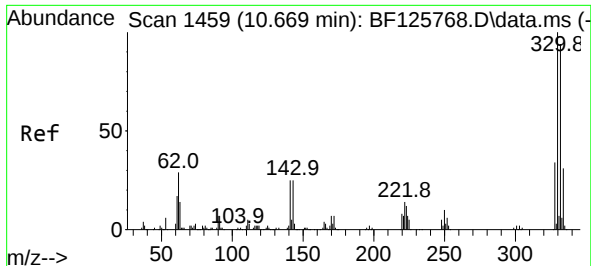
Tgt Ion: 82 Resp: 816047
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion: 164 Resp: 387663
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.7 38.0 57.0

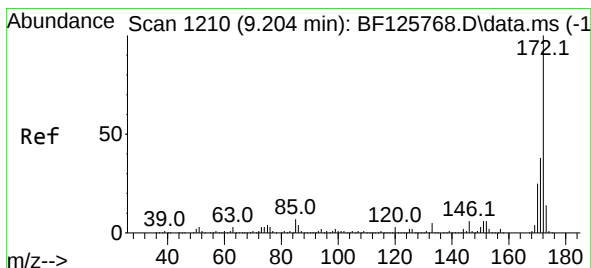
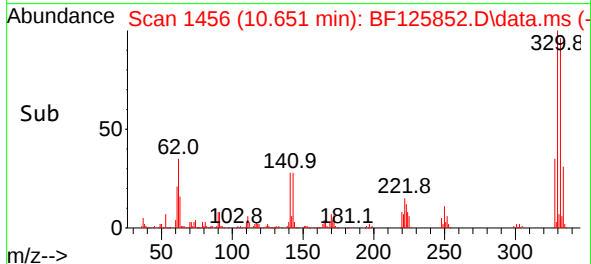
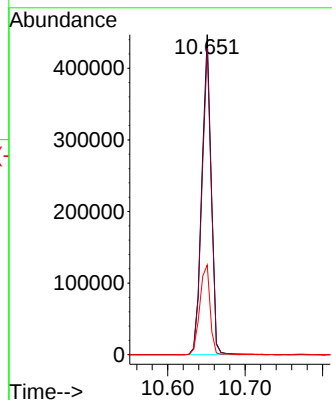
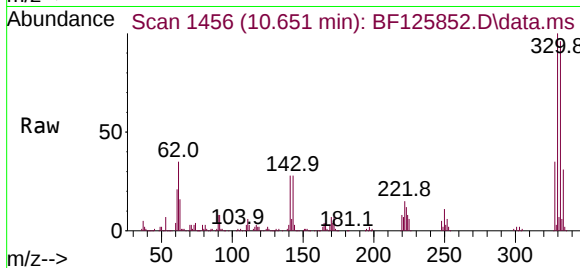




#42
2,4,6-Tribromophenol
Concen: 97.521 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

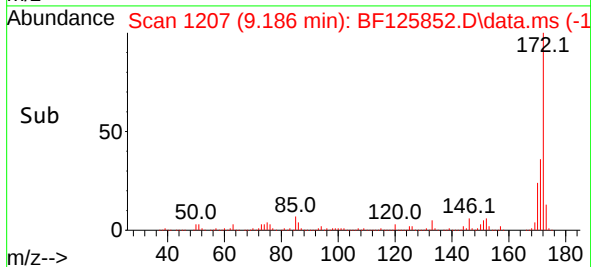
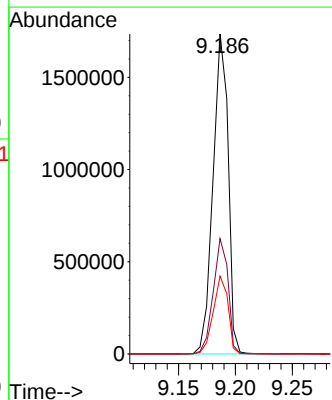
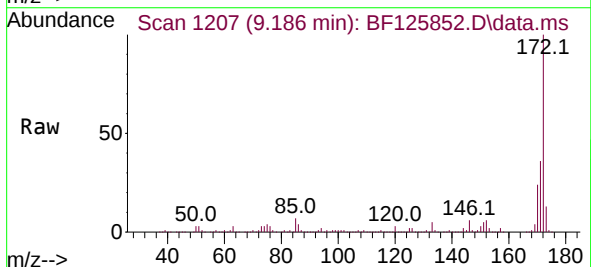
Instrument :
BNA_F
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STOCK-PILE-PENINSULA-1B-B

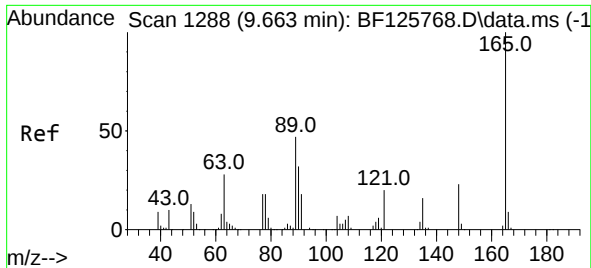
Tgt Ion:330 Resp: 373257
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.579 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:172 Resp: 1608771
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.3 18.8 28.2

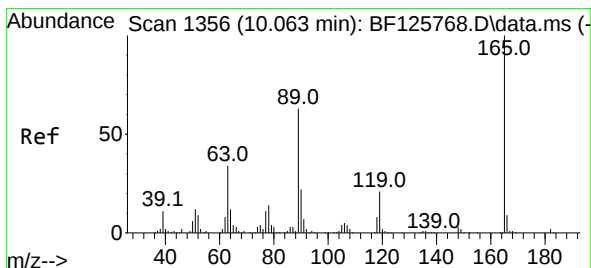
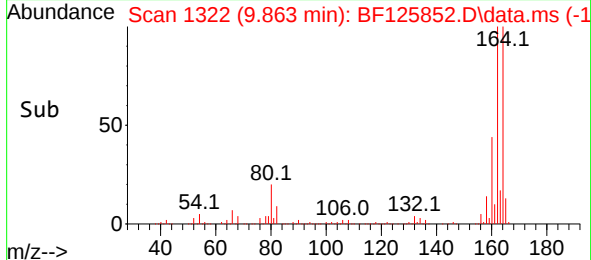
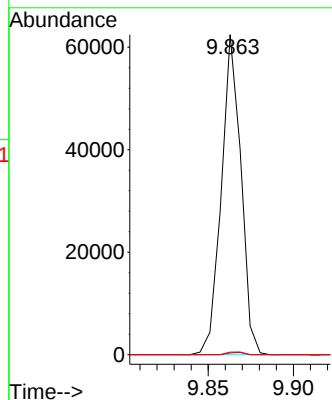
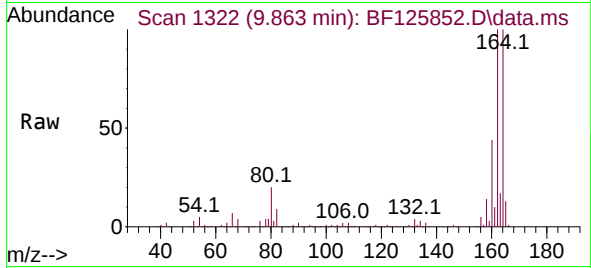




#51
2,6-Dinitrotoluene
Concen: 9.666 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

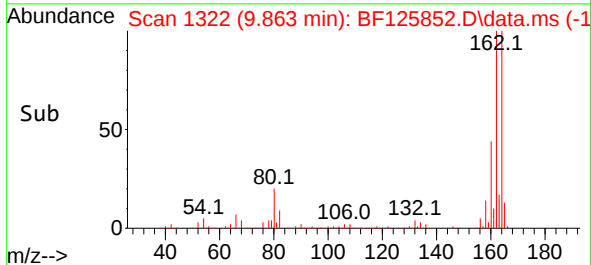
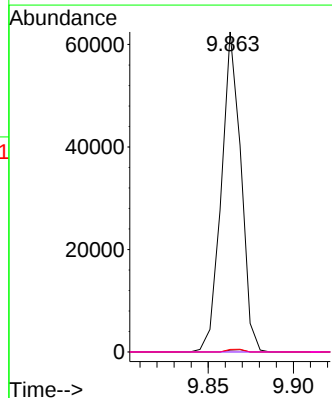
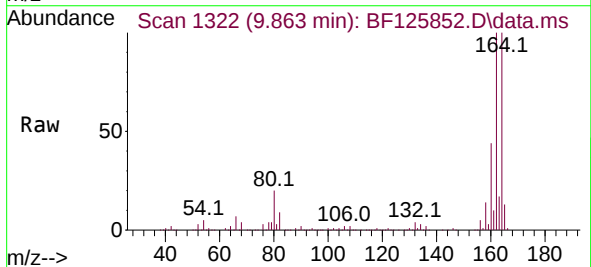
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STOCK-PILE-PENINSULA-1B-B

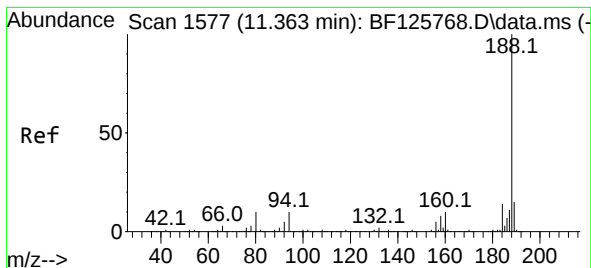
Tgt Ion:165 Resp: 49861
Ion Ratio Lower Upper
165 100
63 0.5 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.645 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:165 Resp: 49861
Ion Ratio Lower Upper
165 100
63 0.5 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.018 min

Lab File: BF125852.D

Acq: 14 Oct 2021 19:13

Tgt Ion:188 Resp: 622294

Ion Ratio Lower Upper

188 100

94 9.9 6.7 10.1

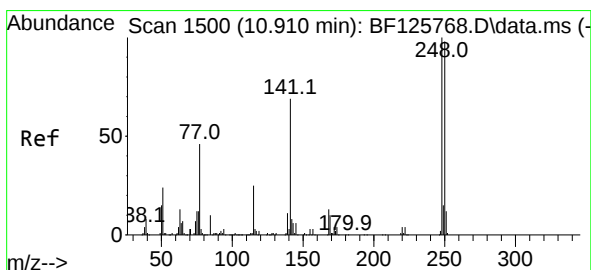
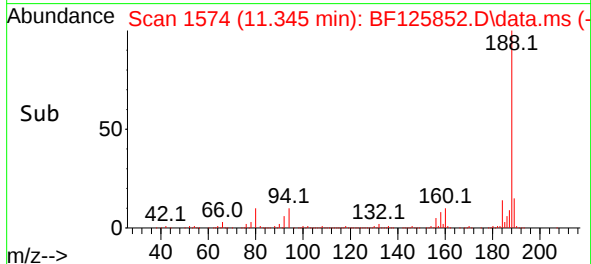
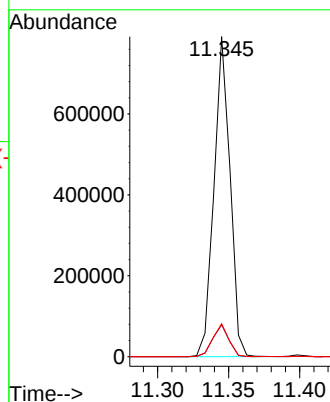
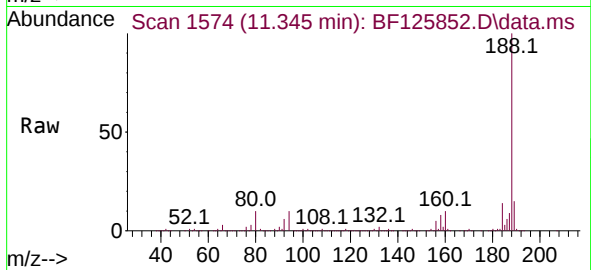
80 10.3 7.5 11.3

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-PENINSULA-1B-B



#67

4-Bromophenyl-phenylether

Concen: 3.053 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.259 min

Lab File: BF125852.D

Acq: 14 Oct 2021 19:13

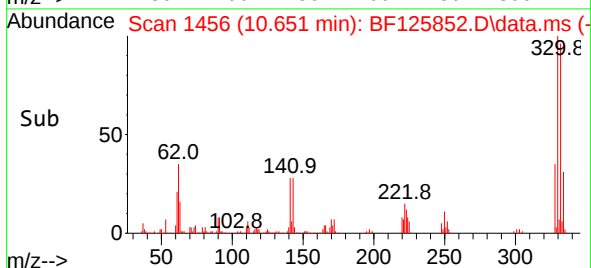
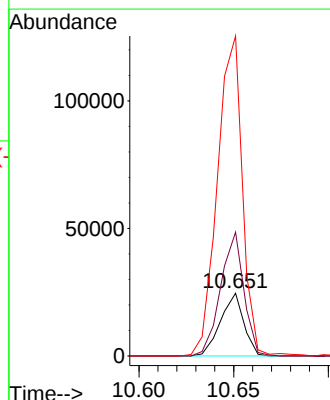
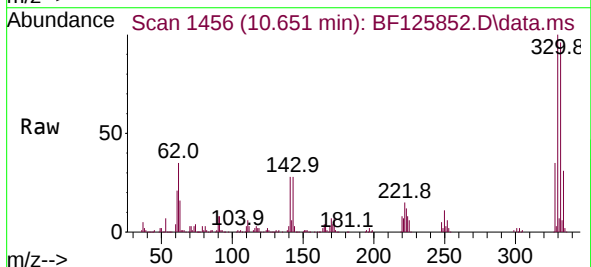
Tgt Ion:248 Resp: 21038

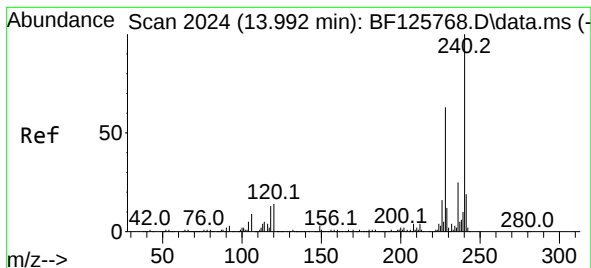
Ion Ratio Lower Upper

248 100

250 197.5 74.2 111.4#

141 510.5 60.4 90.6#

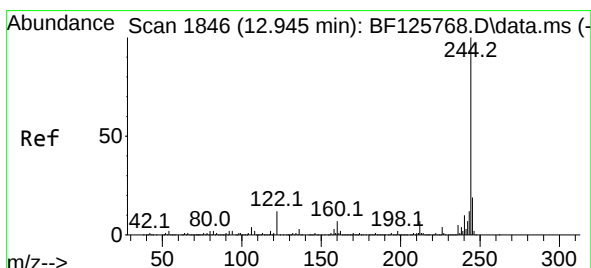
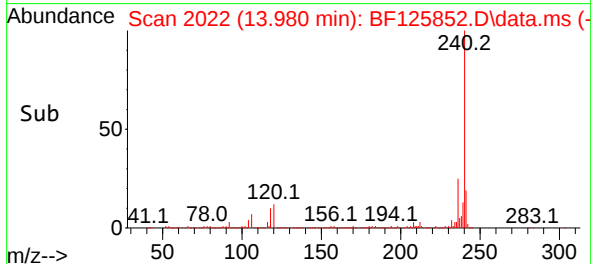
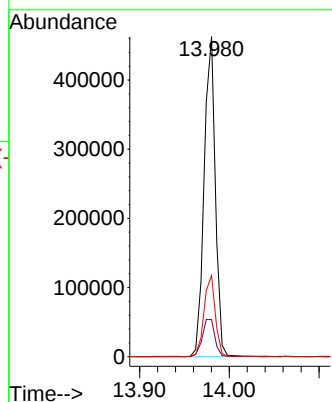
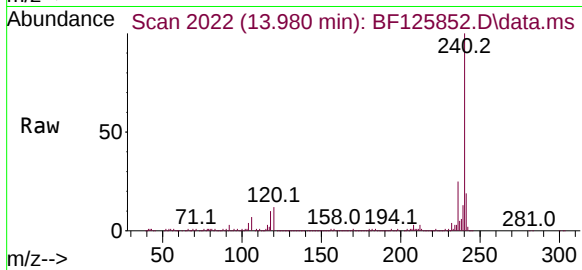




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

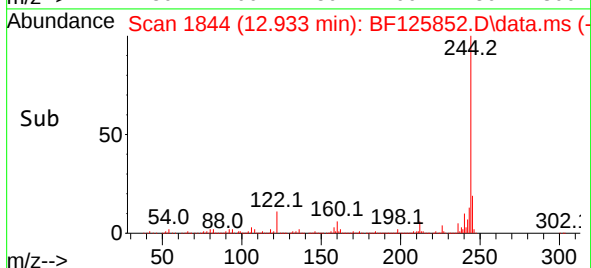
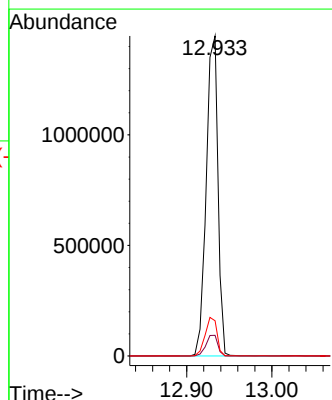
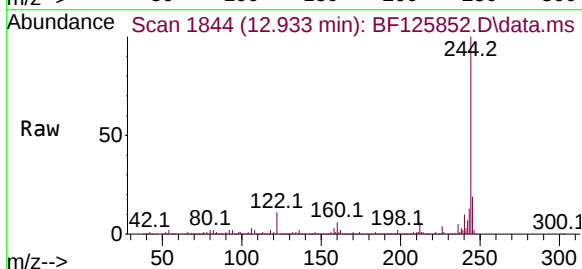
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

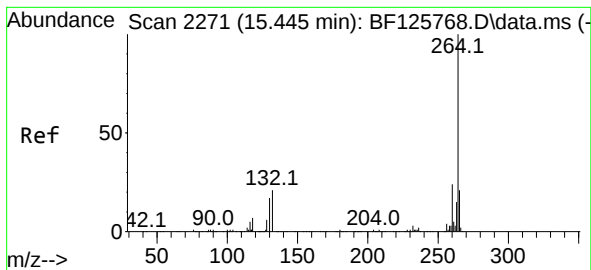
Tgt Ion:240 Resp: 402128
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 52.265 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:244 Resp: 1379755
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

Tgt Ion:264 Resp: 406965

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.2	25.8

