

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
 Data File : BF125403.D
 Acq On : 8 Sep 2021 16:34
 Operator : JU/CG
 Sample : M3655-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA-SUMP

Quant Time: Sep 08 18:19:28 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

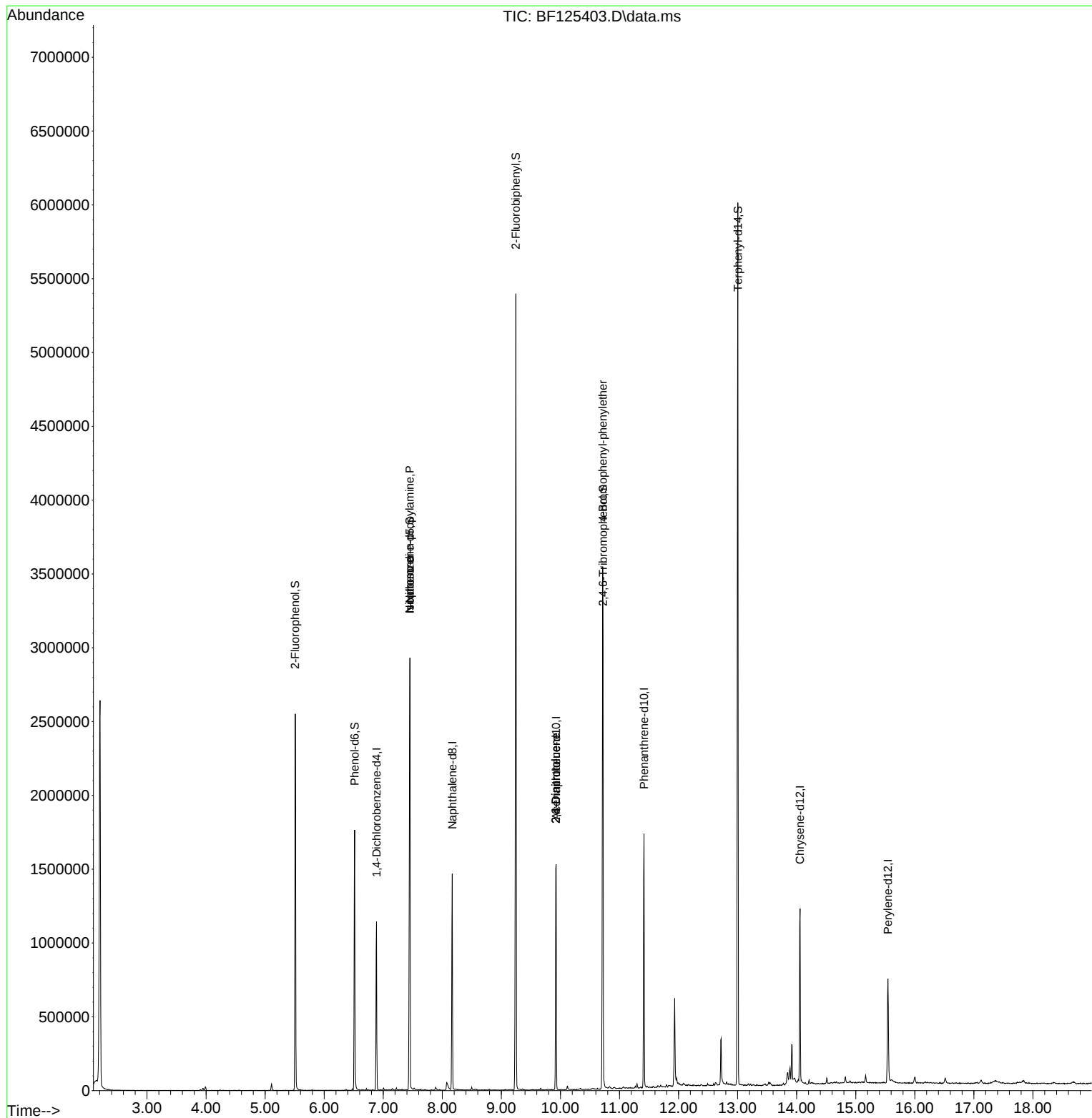
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	158601	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	616041	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	334143	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	611082	20.000	ng	0.00
76) Chrysene-d12	14.057	240	412081	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	316167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	616462	58.832	ng	0.00
7) Phenol-d6	6.516	99	546217	40.306	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1001904	81.877	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	505747	151.626	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1766746	73.692	ng	0.00
79) Terphenyl-d14	13.004	244	2113365	81.702	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	134493	16.500	ng	# 56
25) Isophorone	7.451	82	1001891	42.442	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	42707	8.506	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	42707	7.028	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	30291	4.128	ng	# 1

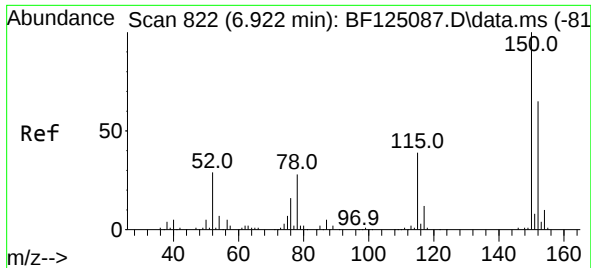
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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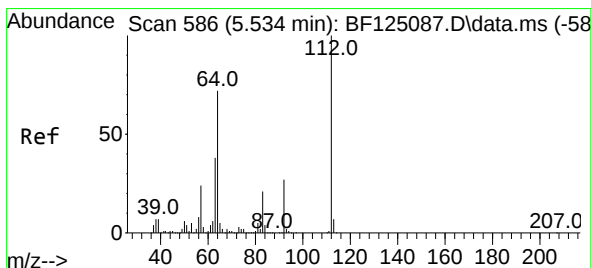
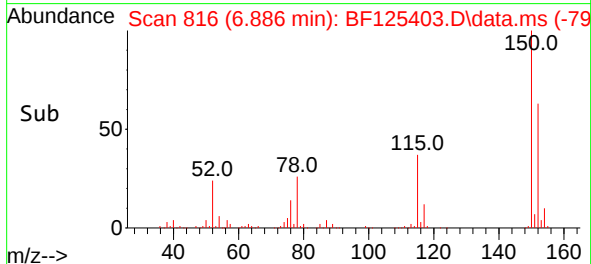
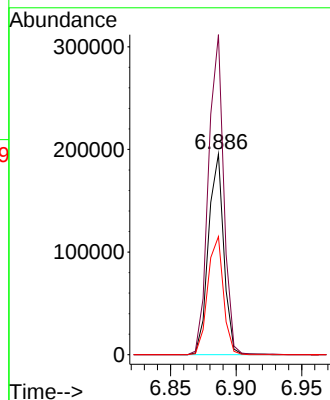
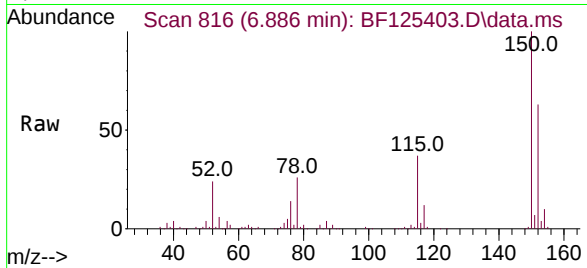




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

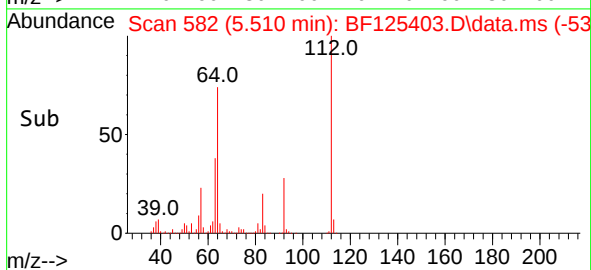
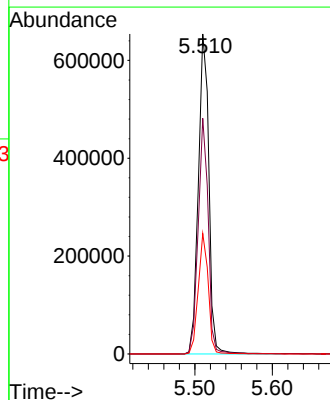
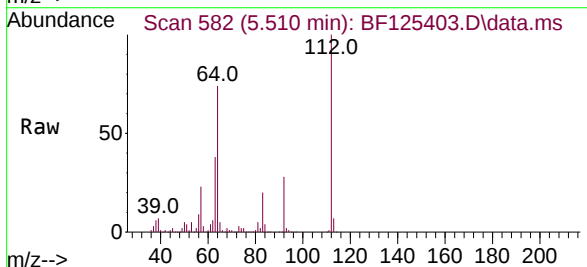
Instrument :
BNA_F
ClientSampleId :
TA-SUMP

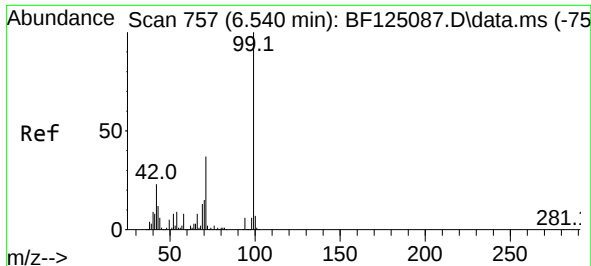
Tgt Ion:152 Resp: 158601
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 58.832 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion:112 Resp: 616462
Ion Ratio Lower Upper
112 100
64 73.6 44.2 66.2#
63 37.6 26.2 39.2

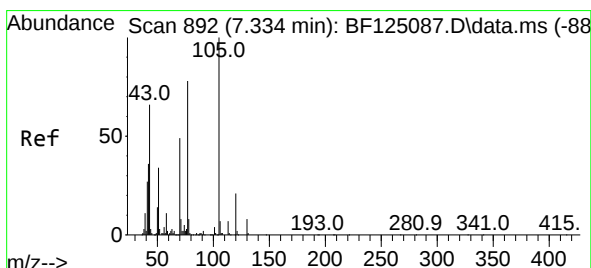
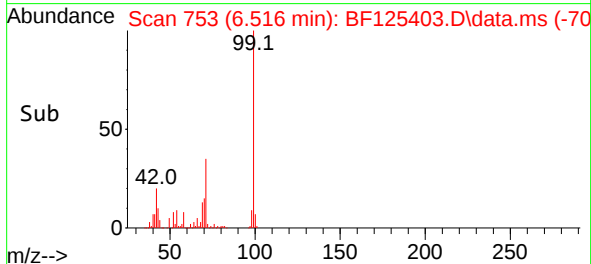
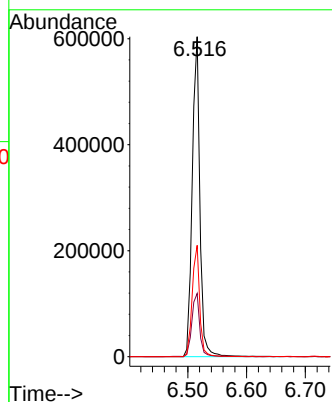
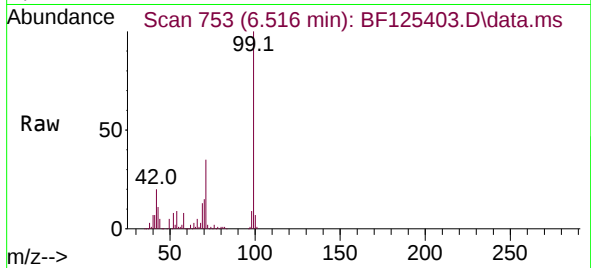




#7
Phenol-d6
Concen: 40.306 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

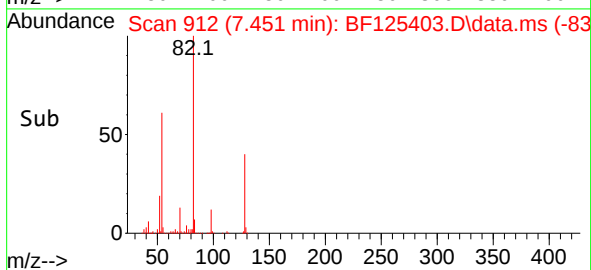
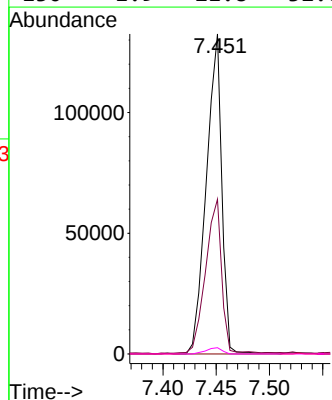
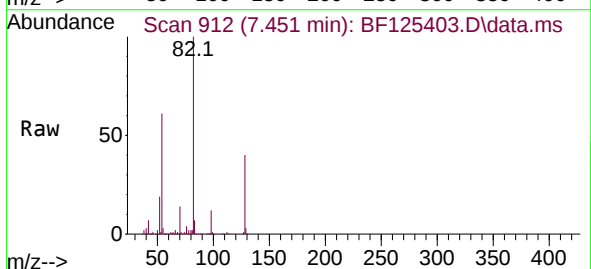
Instrument :
BNA_F
ClientSampleId :
TA-SUMP

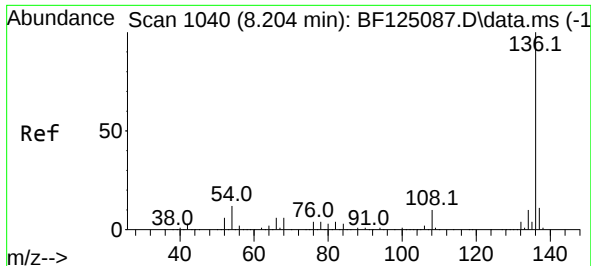
Tgt Ion: 99 Resp: 546217
Ion Ratio Lower Upper
99 100
42 19.7 23.5 35.3#
71 34.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.500 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion: 70 Resp: 134493
Ion Ratio Lower Upper
70 100
42 48.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

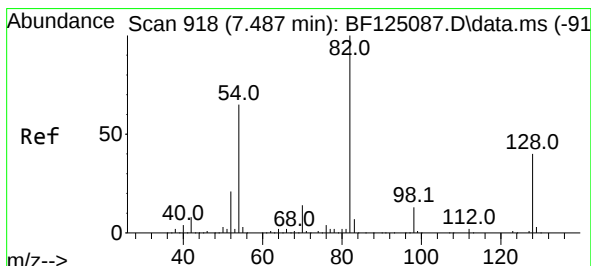
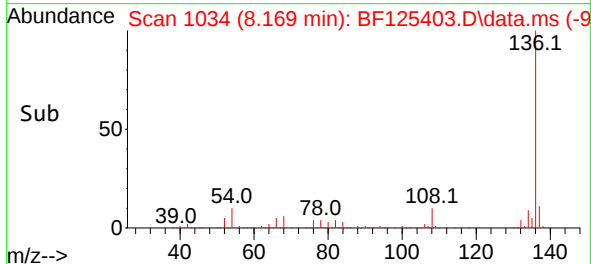
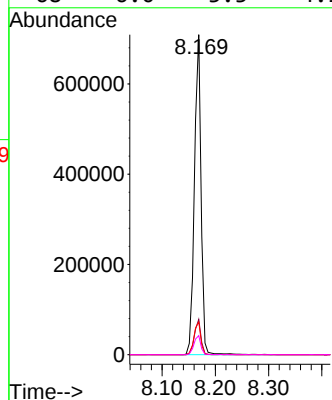
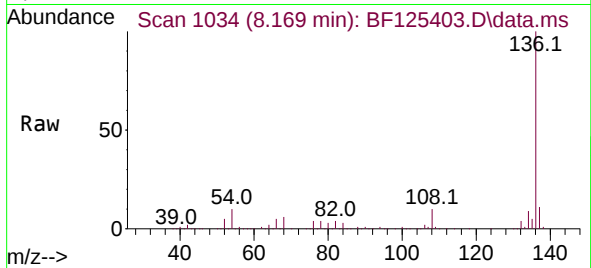




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

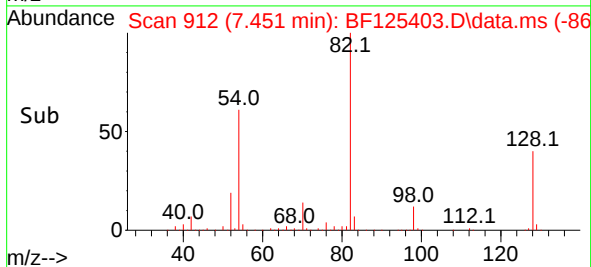
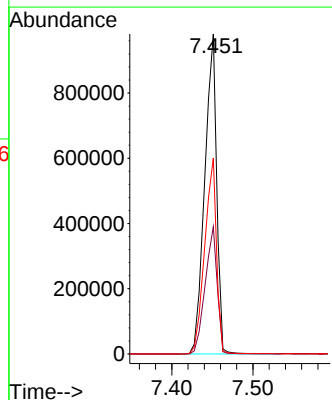
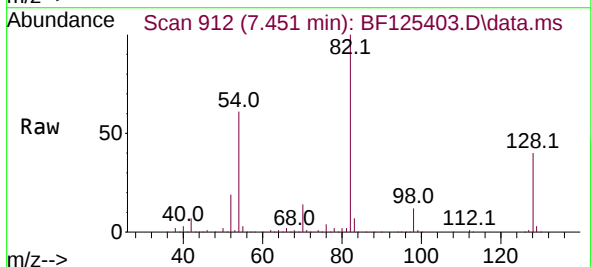
Instrument :
BNA_F
ClientSampleId :
TA-SUMP

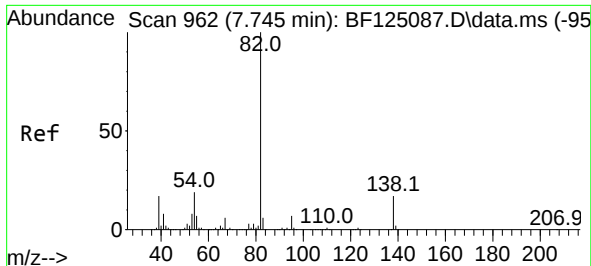
Tgt Ion:136 Resp: 616041
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.2 6.4 9.6#
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 81.877 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion: 82 Resp: 1001904
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 61.2 49.6 74.4

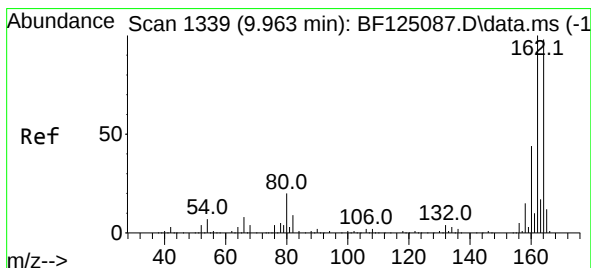
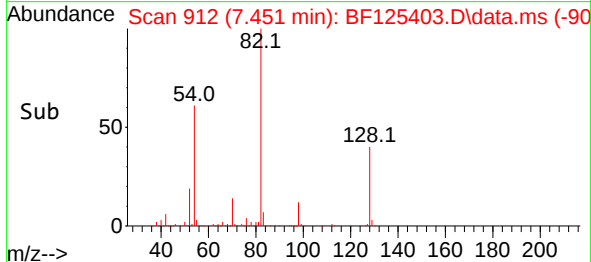
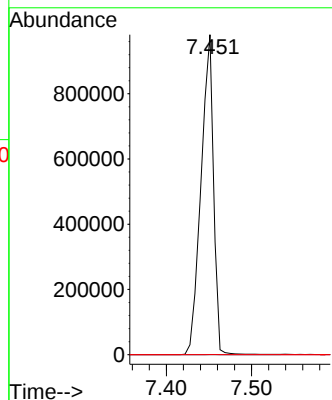
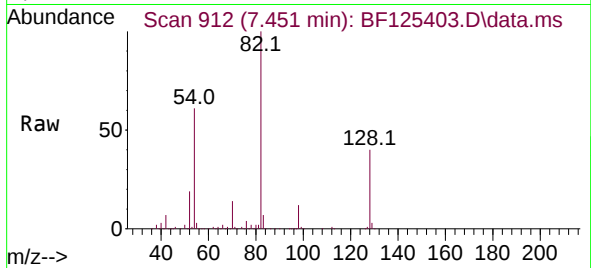




#25
Isophorone
Concen: 42.442 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

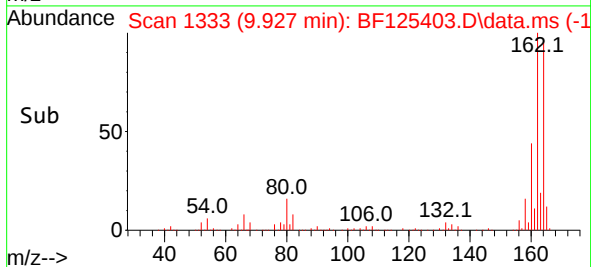
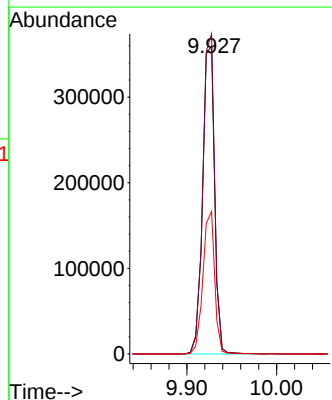
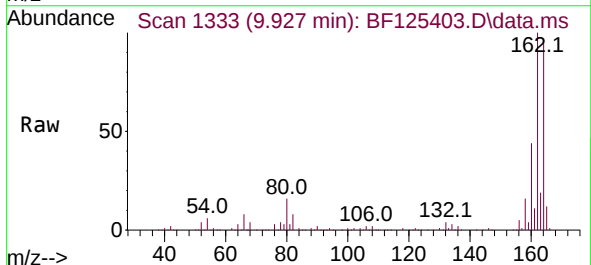
Instrument :
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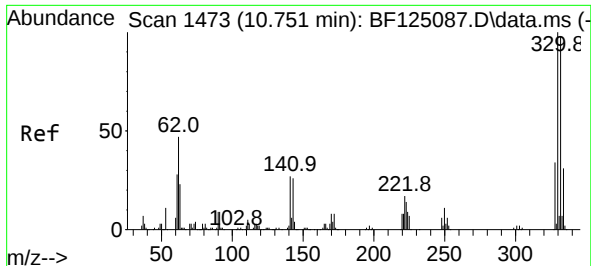
Tgt Ion: 82 Resp: 1001891
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion:164 Resp: 334143
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 46.3 38.0 57.0

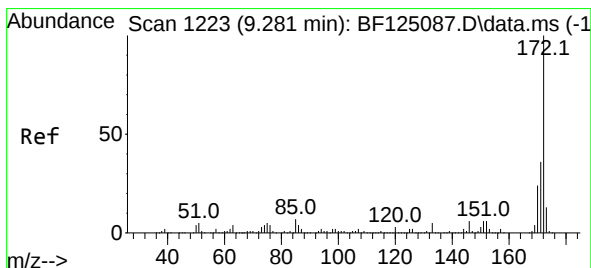
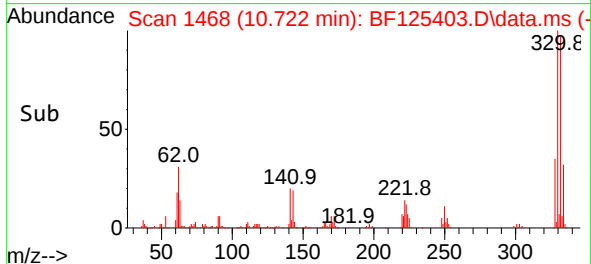
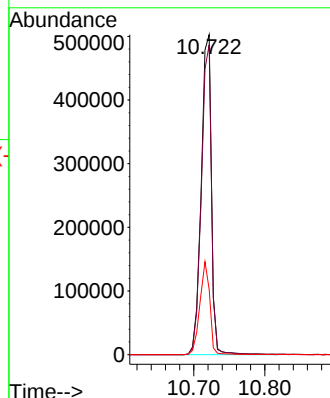
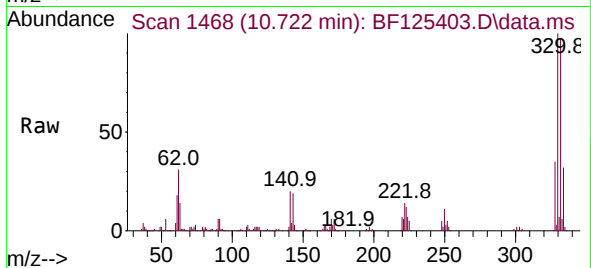




#42
2,4,6-Tribromophenol
Concen: 151.626 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

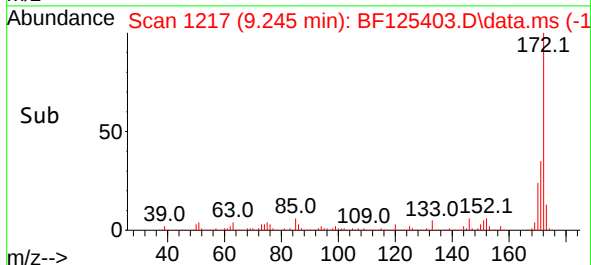
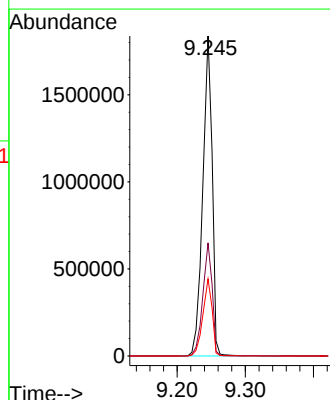
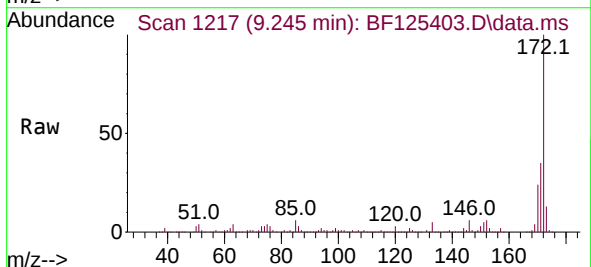
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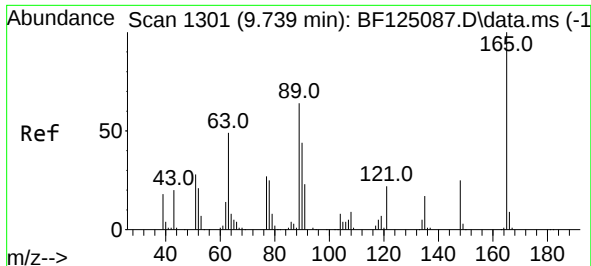
Tgt Ion:330 Resp: 505747
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 28.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.692 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion:172 Resp: 1766746
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.0 18.8 28.2

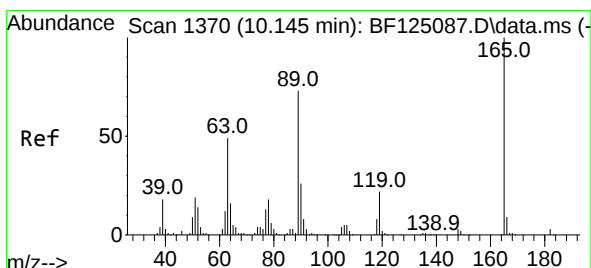
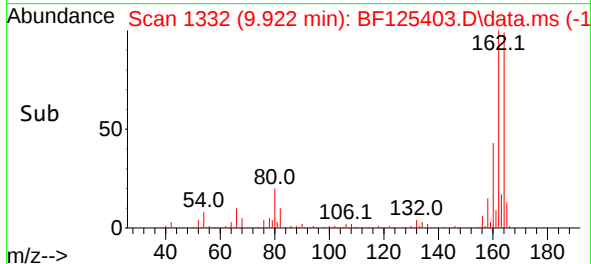
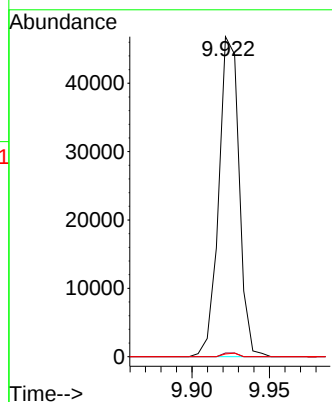
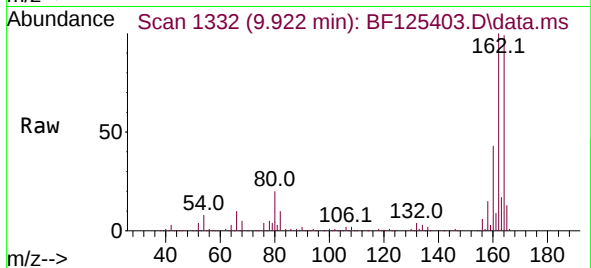




#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

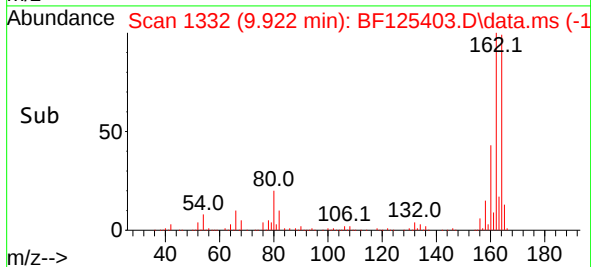
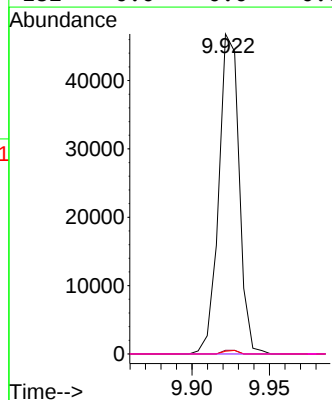
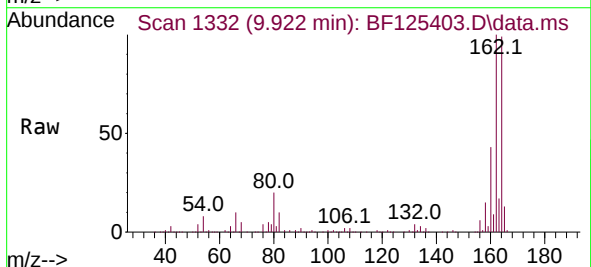
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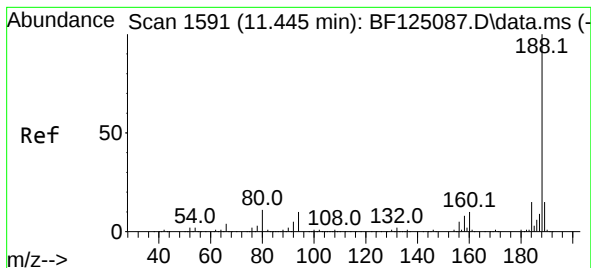
Tgt Ion:165 Resp: 42707
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.028 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion:165 Resp: 42707
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF125403.D

Acq: 8 Sep 2021 16:34

Tgt Ion:188 Resp: 611082

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

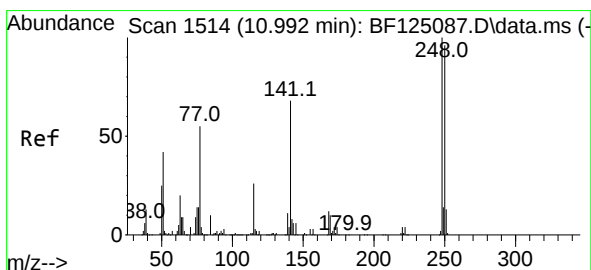
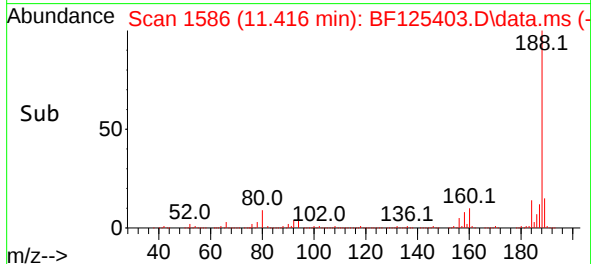
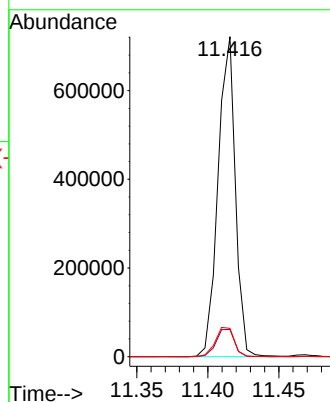
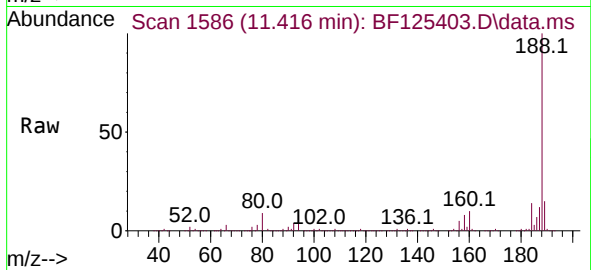
80 8.8 7.5 11.3

Instrument :

BNA_F

ClientSampleId :

TA-SUMP



#67

4-Bromophenyl-phenylether

Concen: 4.128 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.241 min

Lab File: BF125403.D

Acq: 8 Sep 2021 16:34

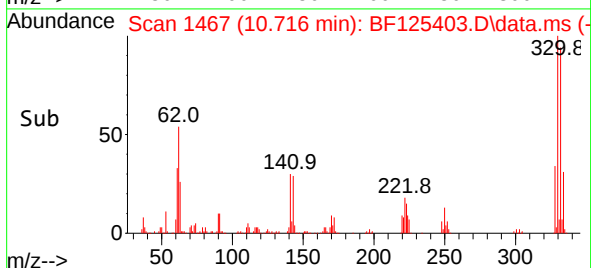
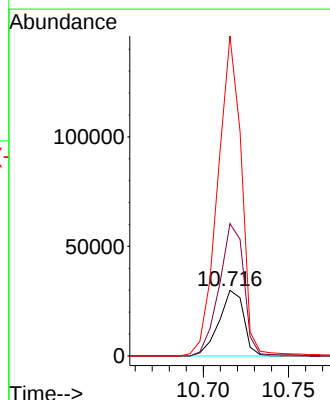
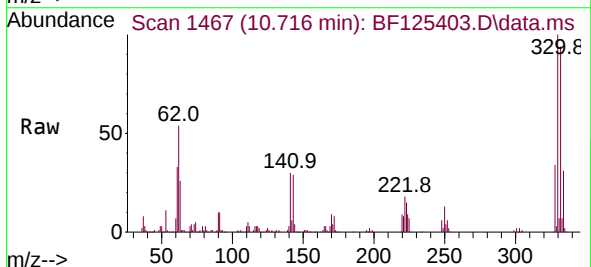
Tgt Ion:248 Resp: 30291

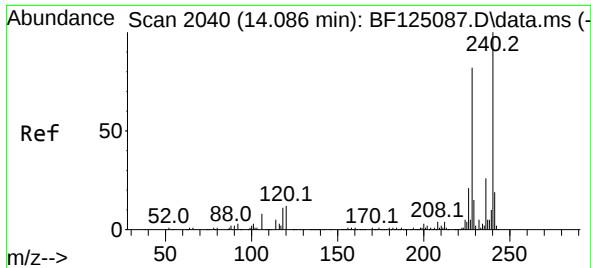
Ion Ratio Lower Upper

248 100

250 201.9 74.2 111.4#

141 488.0 60.4 90.6#

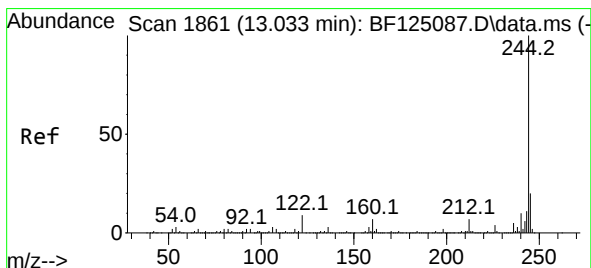
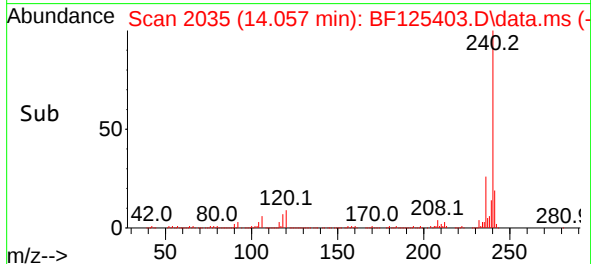
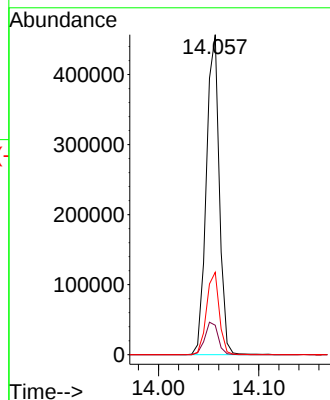
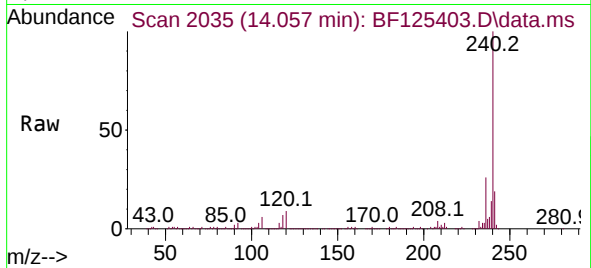




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

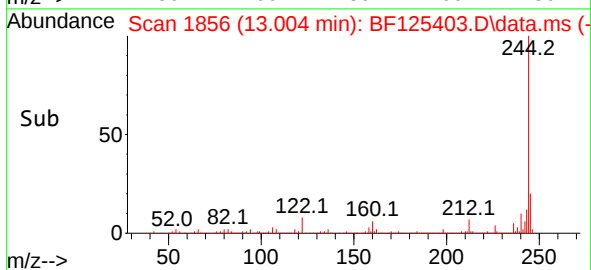
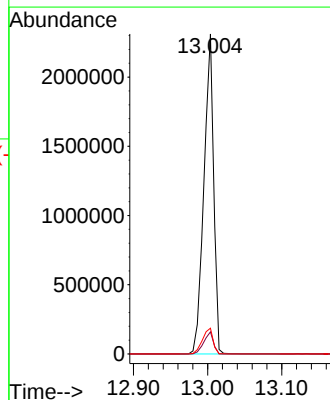
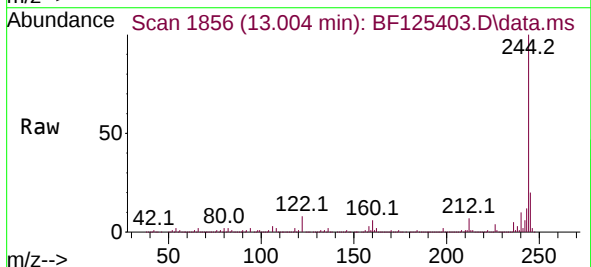
Instrument :
BNA_F
ClientSampled :
TA-SUMP

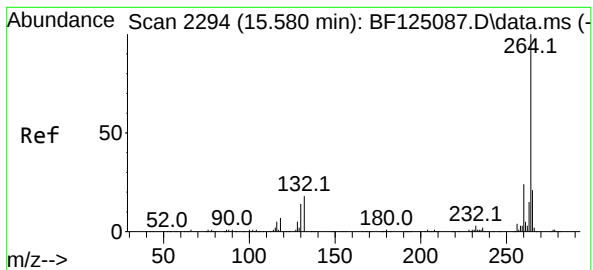
Tgt Ion:240 Resp: 412081
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 81.702 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF125403.D
Acq: 8 Sep 2021 16:34

Tgt Ion:244 Resp: 2113365
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.1 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF125403.D
 Acq: 8 Sep 2021 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TA-SUMP

Tgt Ion:264 Resp: 316167
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.6 17.2 25.8

