

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125439.D
 Acq On : 13 Sep 2021 12:06
 Operator : JU/CG
 Sample : PB139002BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139002BL

Quant Time: Sep 13 12:47:04 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)

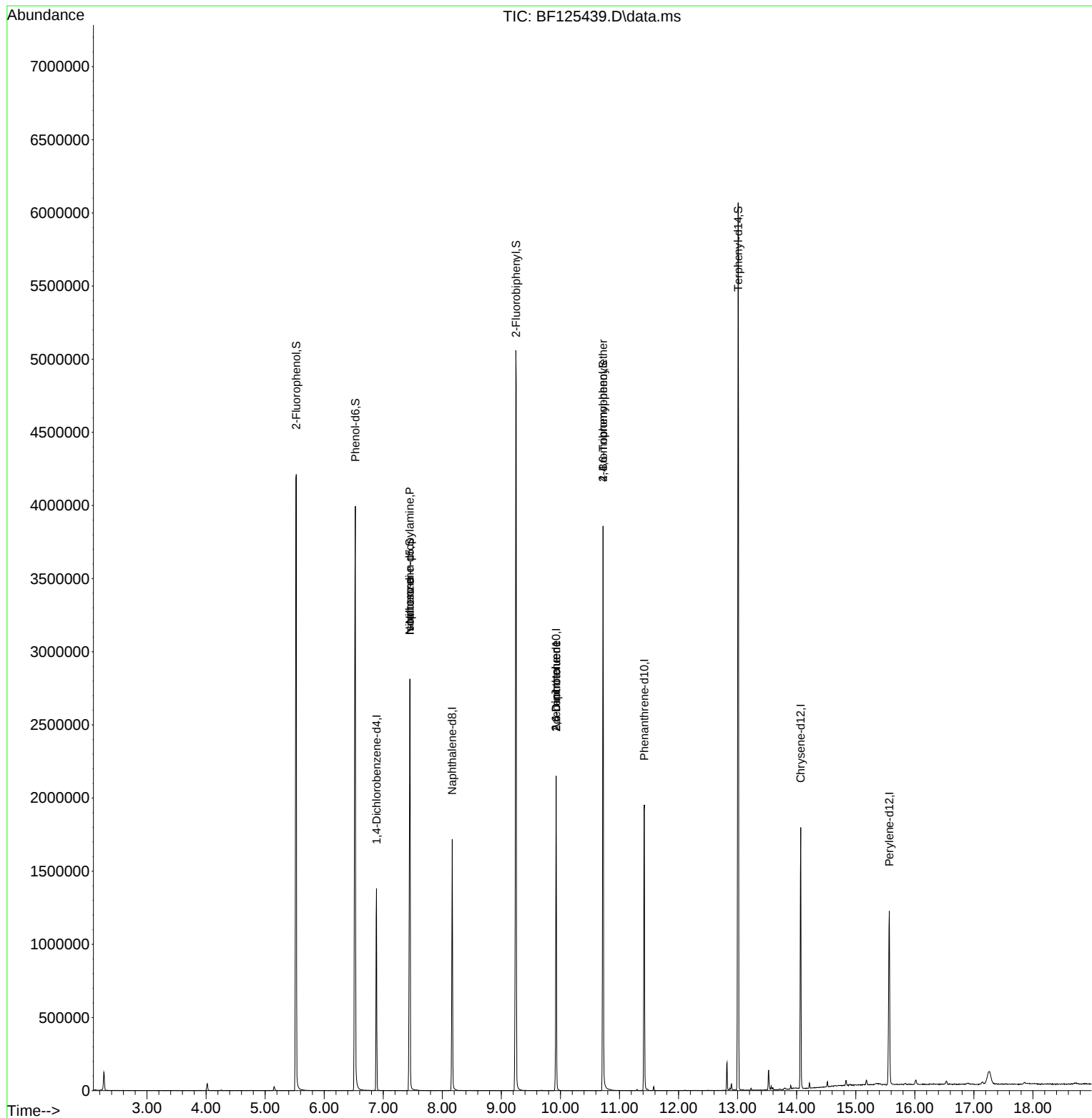
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	197670	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	797946	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	432121	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	806807	20.000	ng	0.00
76) Chrysene-d12	14.068	240	631276	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	566871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1248442	95.596	ng	0.01
7) Phenol-d6	6.528	99	1564147	92.607	ng	0.00
23) Nitrobenzene-d5	7.451	82	1078543	68.047	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	528696	122.567	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1913022	61.701	ng	0.00
79) Terphenyl-d14	13.010	244	2406971	60.742	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	145127	14.285	ng	# 55
25) Isophorone	7.451	82	1067960	34.928	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	55492	8.546	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	55492	7.061	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	31022	3.202	ng	# 1

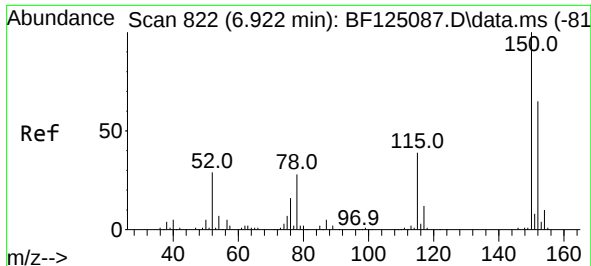
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125439.D
Acq On : 13 Sep 2021 12:06
Operator : JU/CG
Sample : PB139002BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139002BL

Quant Time: Sep 13 12:47:04 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

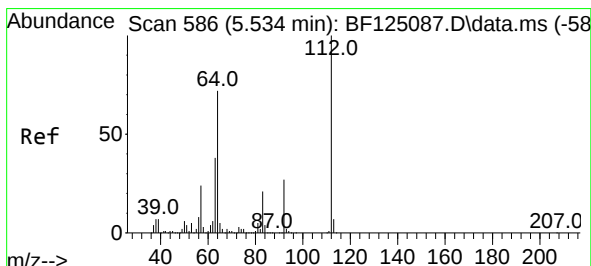
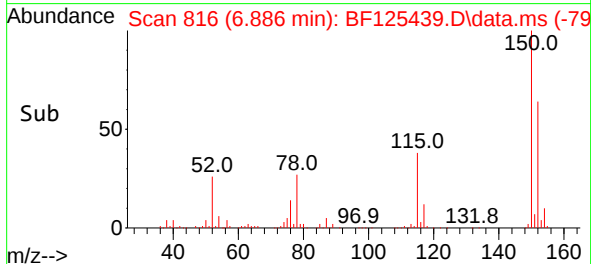
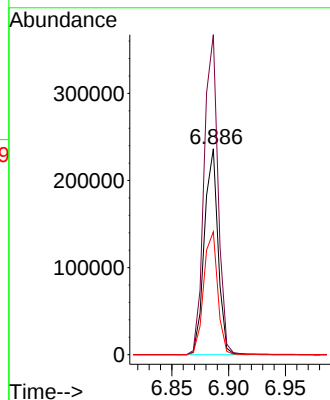
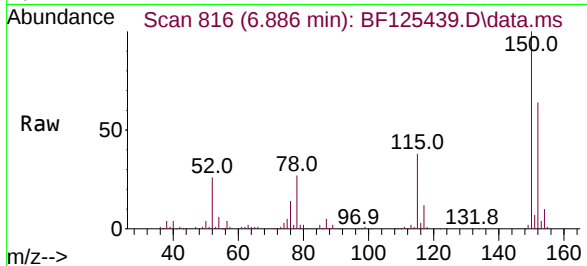




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

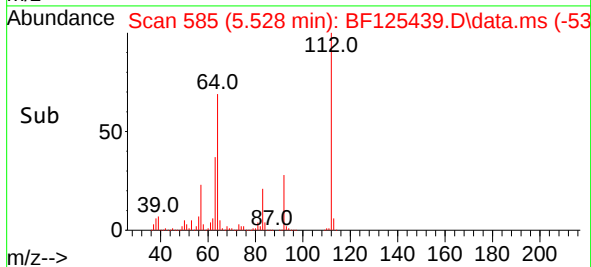
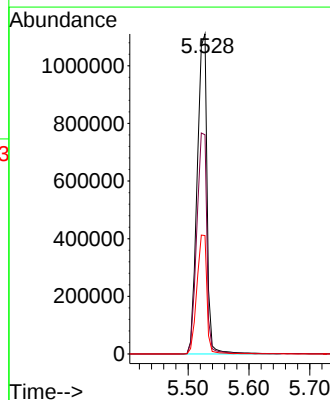
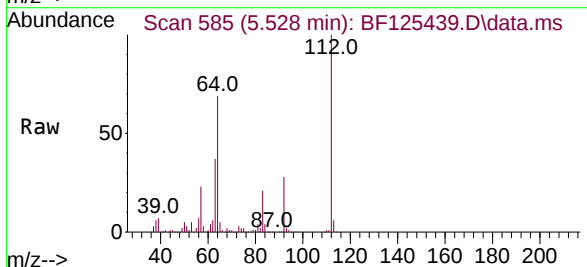
Instrument :
BNA_F
ClientSampleId :
PB139002BL

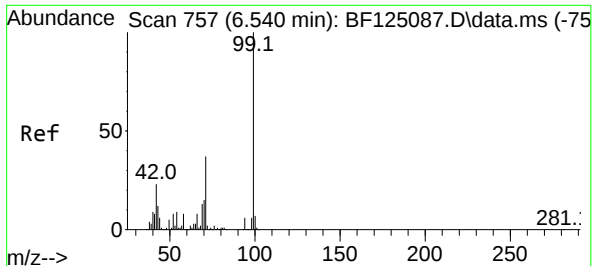
Tgt Ion:152 Resp: 197670
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 95.596 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion:112 Resp: 1248442
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 37.0 26.2 39.2

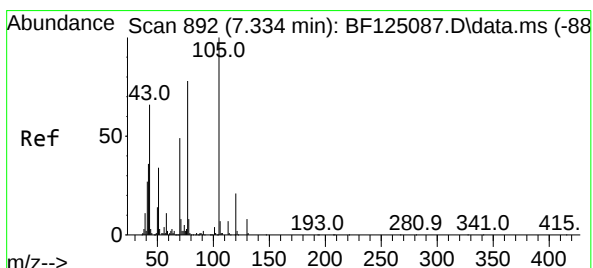
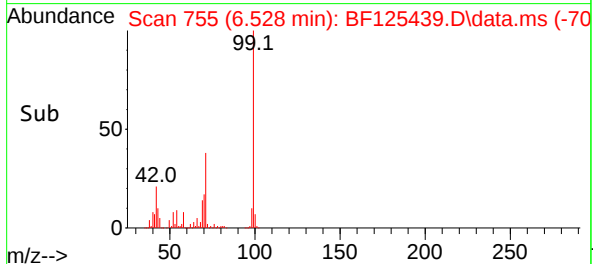
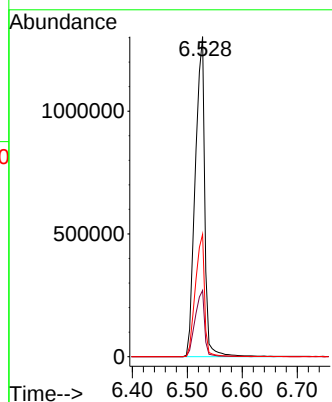
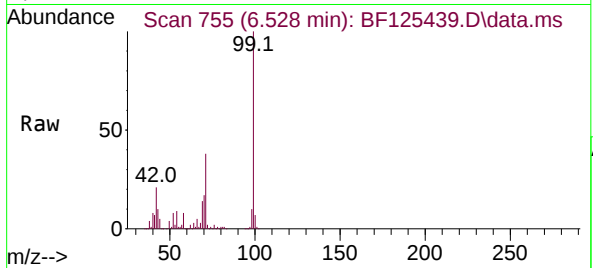




#7
Phenol-d6
Concen: 92.607 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

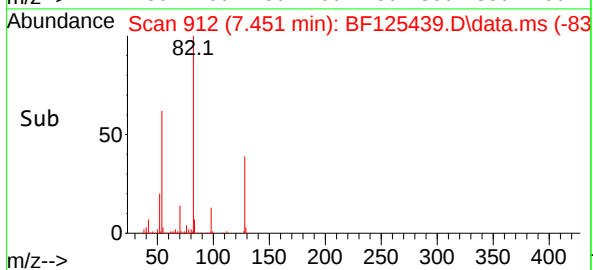
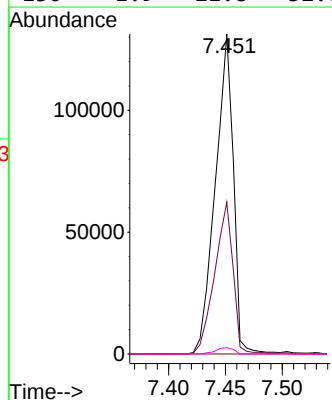
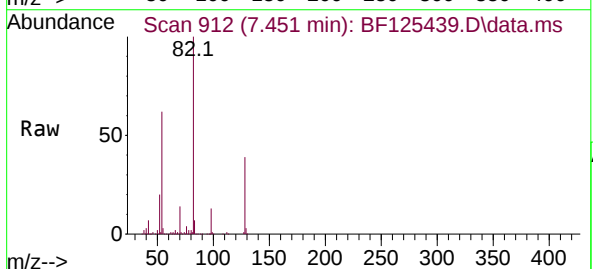
Instrument :
BNA_F
ClientSampleId :
PB139002BL

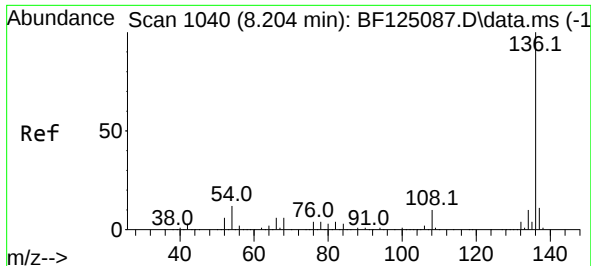
Tgt Ion: 99 Resp: 1564147
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 38.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.285 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

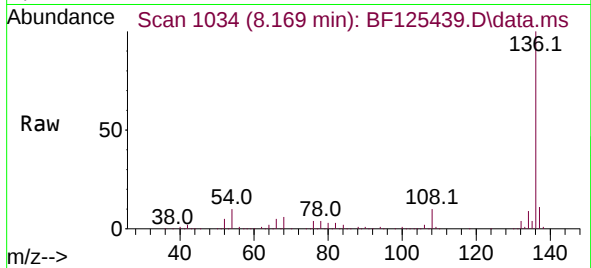
Tgt Ion: 70 Resp: 145127
Ion Ratio Lower Upper
70 100
42 47.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



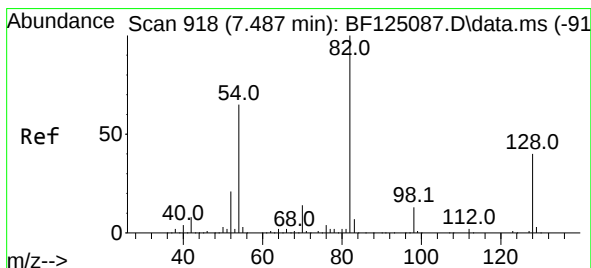
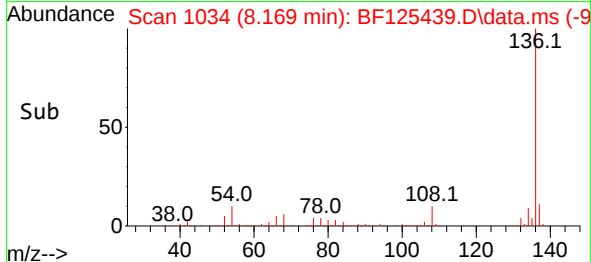
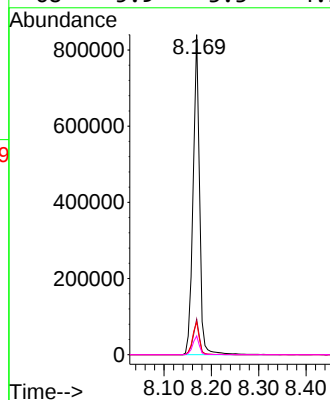


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Instrument :
BNA_F
ClientSampleId :
PB139002BL

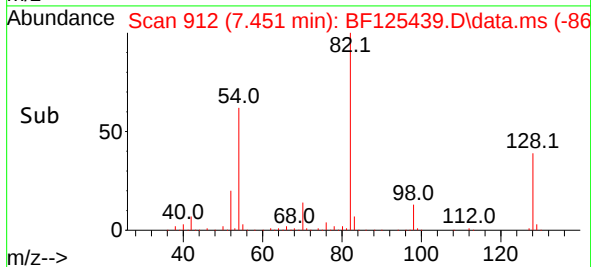
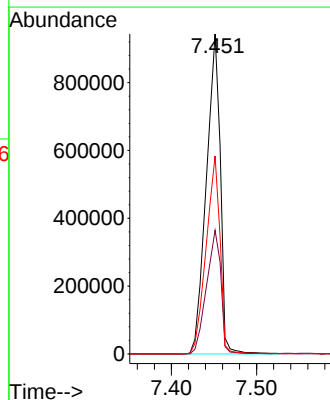
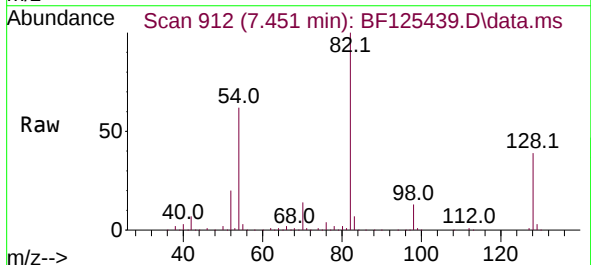


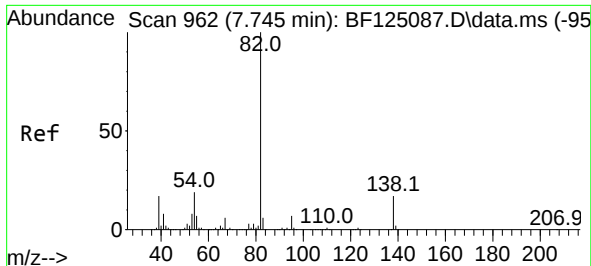
Tgt Ion:136 Resp: 797946
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.2 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.047 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion: 82 Resp: 1078543
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 61.8 49.6 74.4

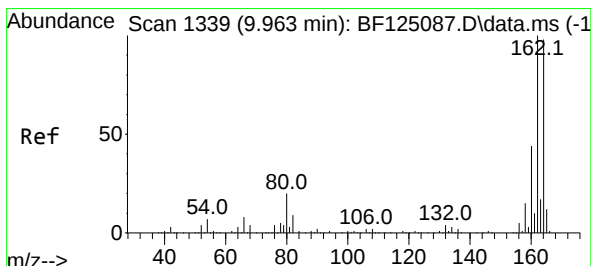
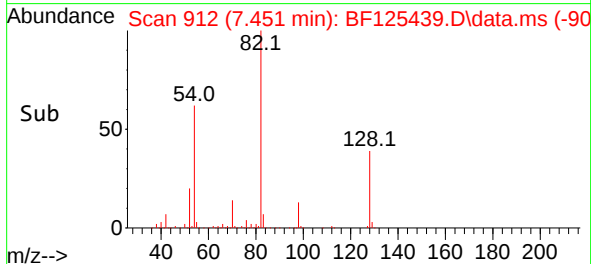
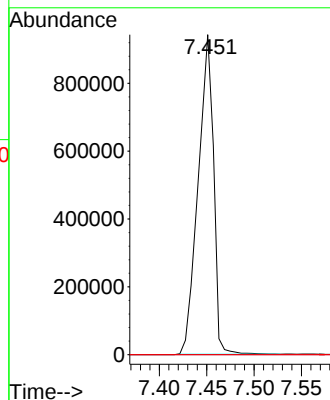
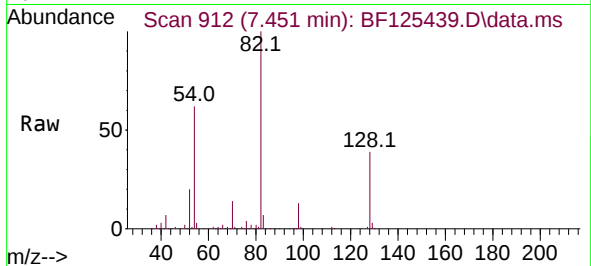




#25
Isophorone
Concen: 34.928 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

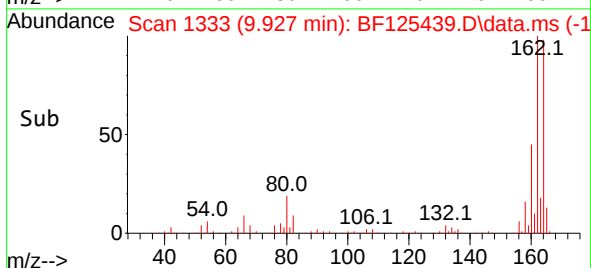
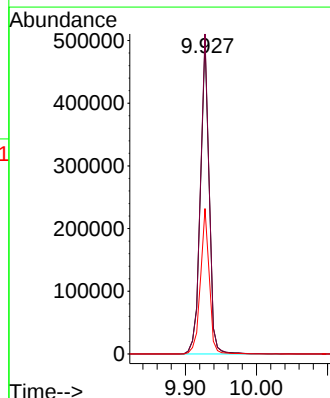
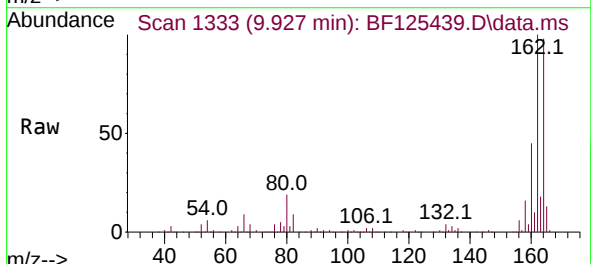
Instrument :
BNA_F
ClientSampleId :
PB139002BL

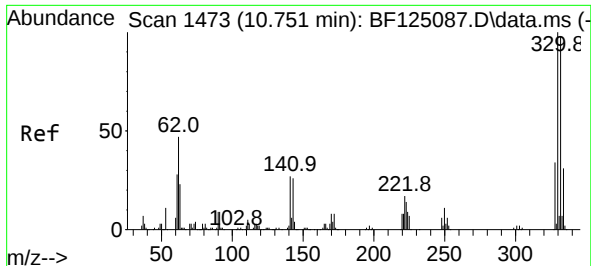
Tgt Ion: 82 Resp: 1067960
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion: 164 Resp: 432121
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 46.3 38.0 57.0

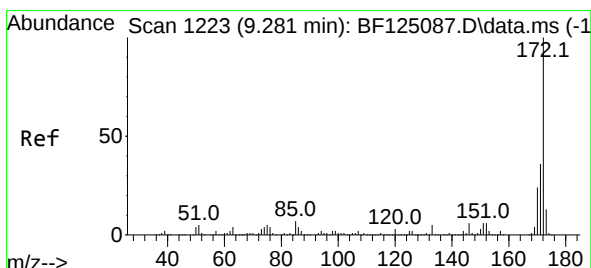
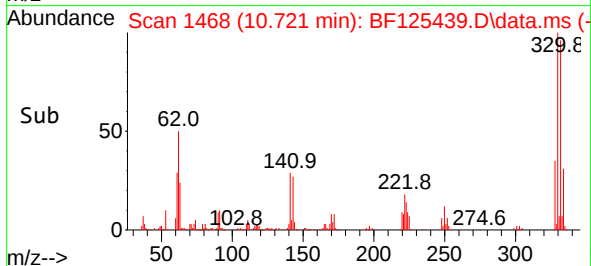
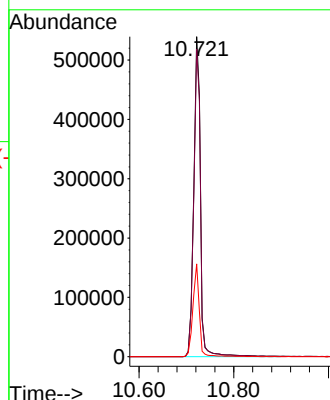
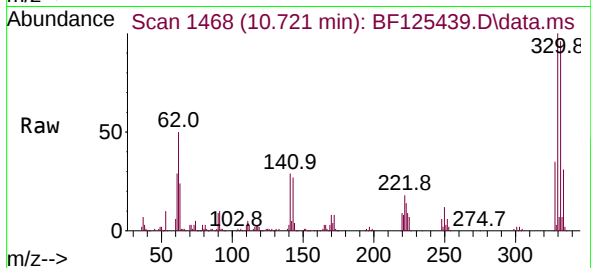




#42
2,4,6-Tribromophenol
Concen: 122.567 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

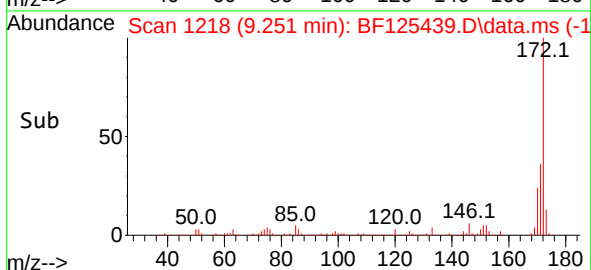
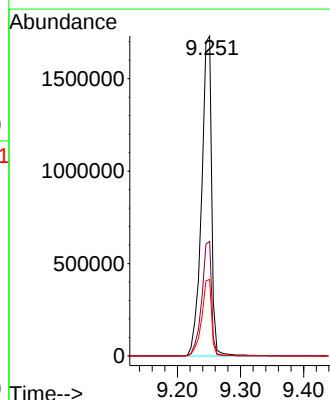
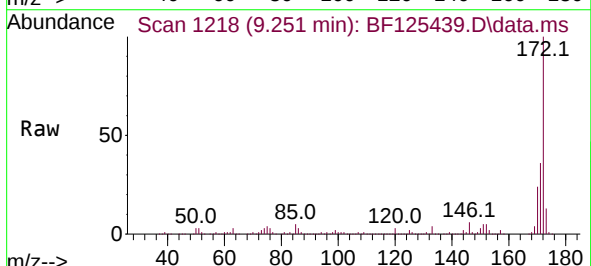
Instrument :
BNA_F
ClientSampleId :
PB139002BL

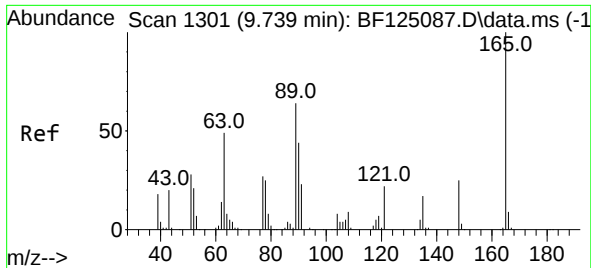
Tgt Ion:330 Resp: 528696
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 27.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.701 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion:172 Resp: 1913022
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.9 18.8 28.2

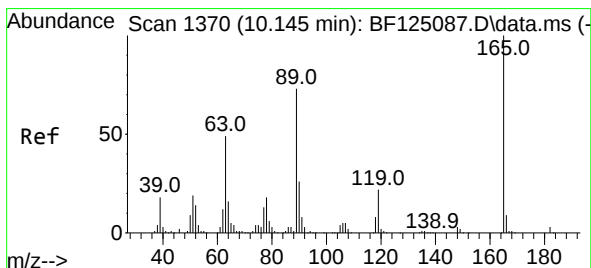
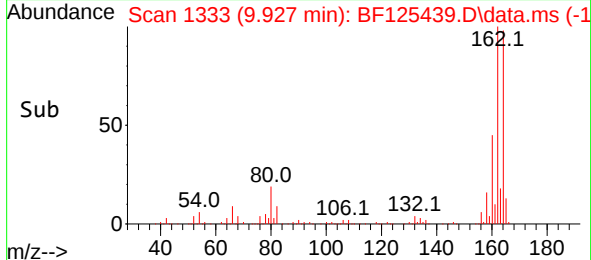
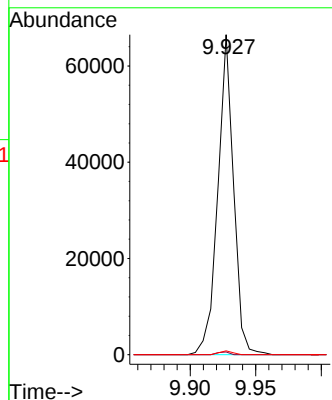
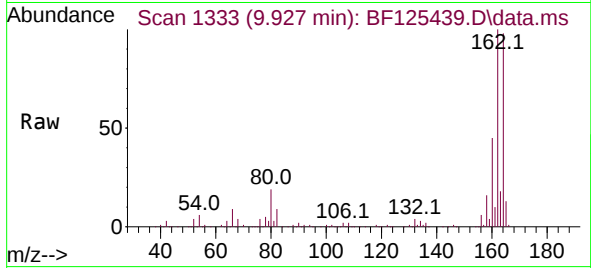




#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

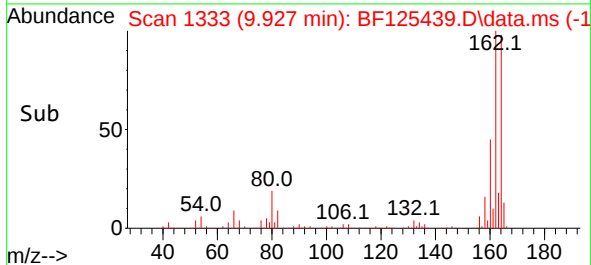
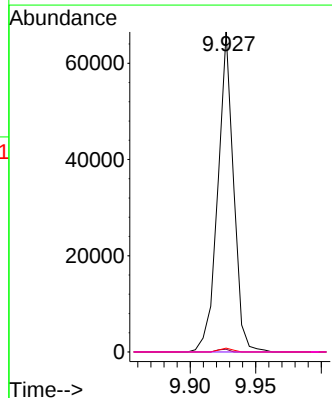
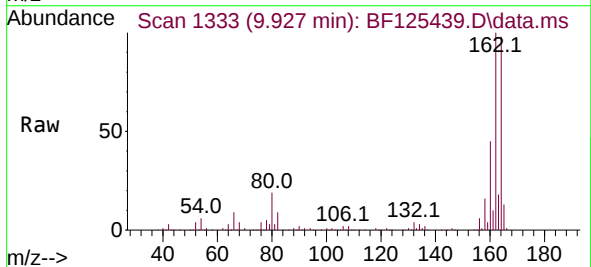
Instrument :
BNA_F
ClientSampleId :
PB139002BL

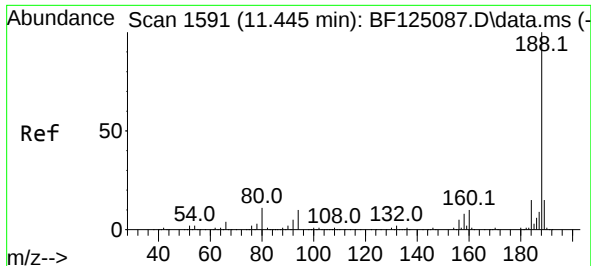
Tgt Ion:165 Resp: 55492
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion:165 Resp: 55492
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

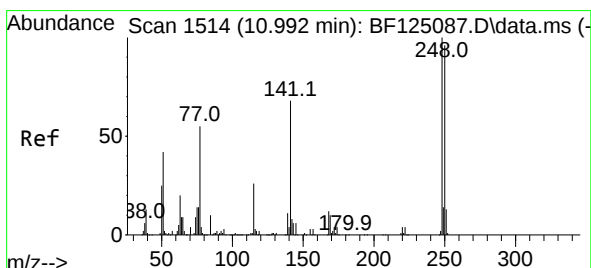
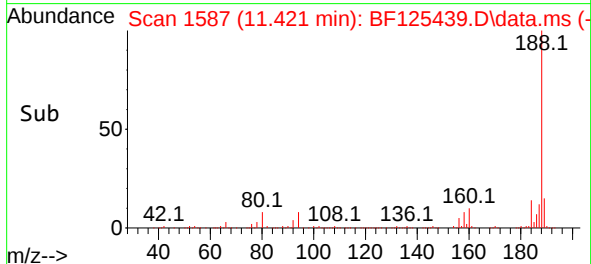
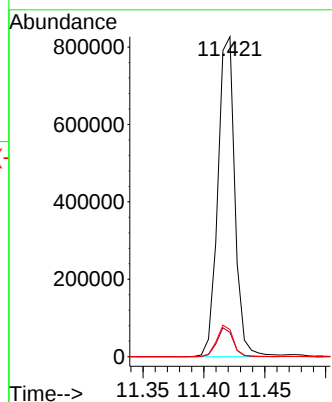
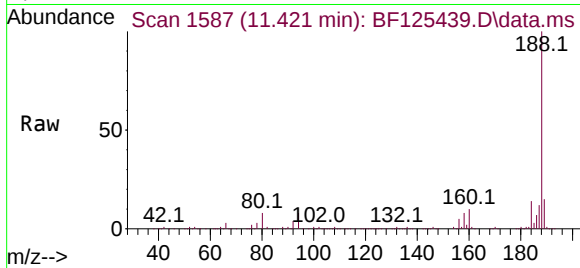




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

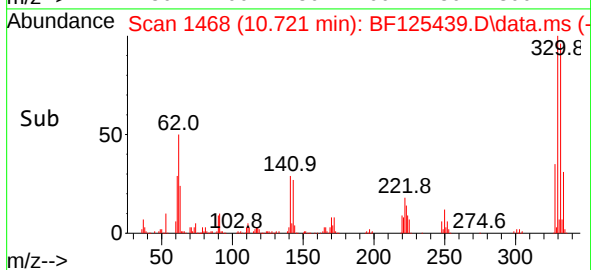
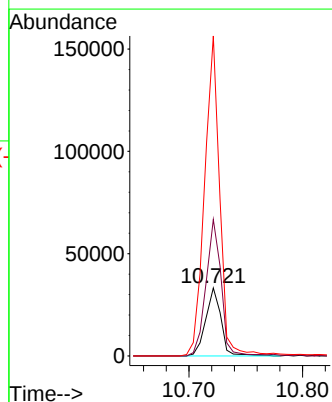
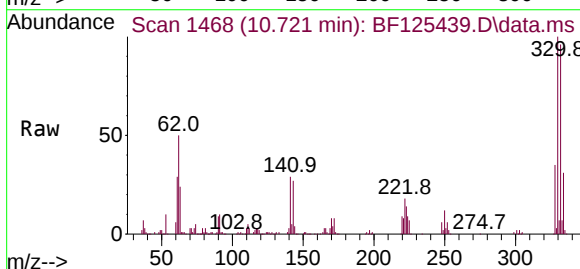
Instrument :
BNA_F
ClientSampleId :
PB139002BL

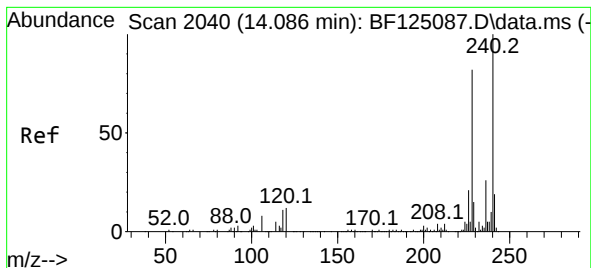
Tgt Ion:188 Resp: 806807
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion:248 Resp: 31022
Ion Ratio Lower Upper
248 100
250 200.6 74.2 111.4#
141 470.5 60.4 90.6#

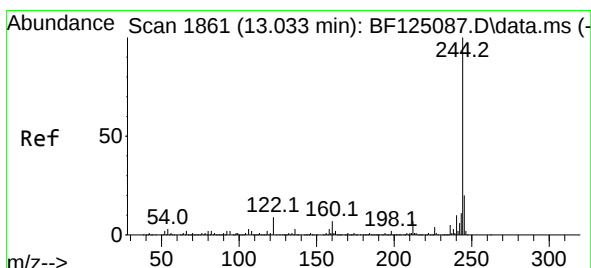
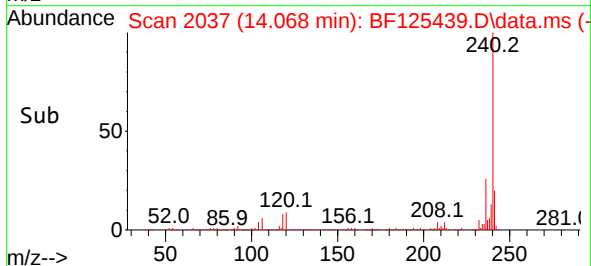
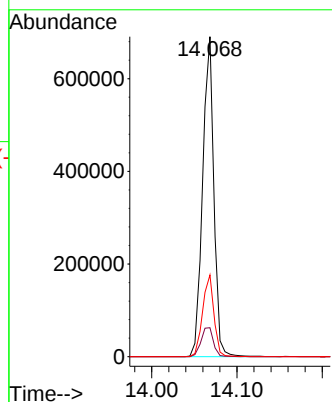
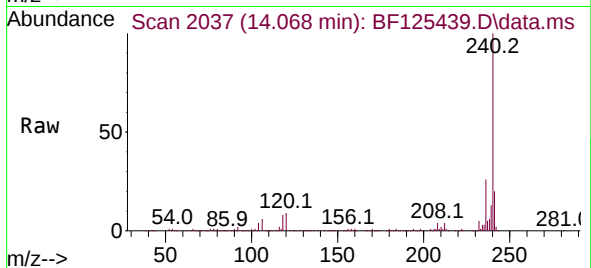




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

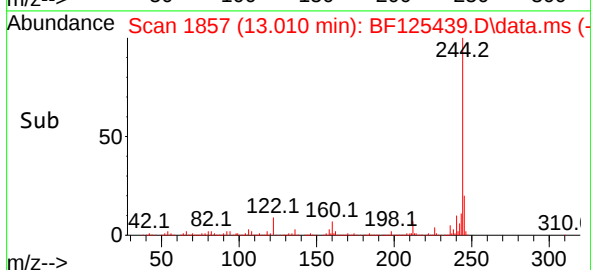
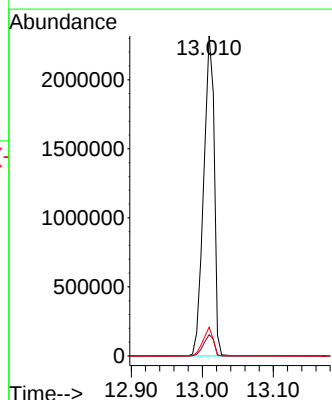
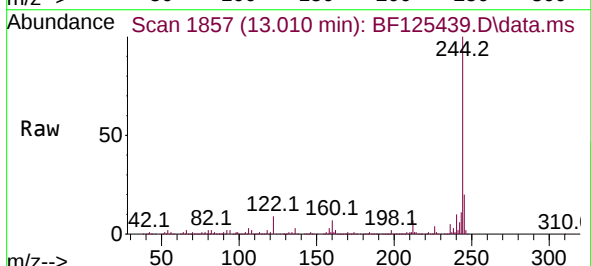
Instrument :
BNA_F
ClientSampleId :
PB139002BL

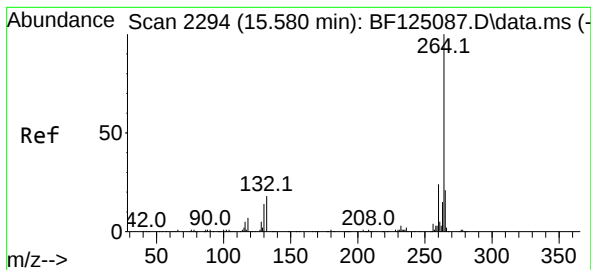
Tgt Ion:240 Resp: 631276
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 60.742 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125439.D
Acq: 13 Sep 2021 12:06

Tgt Ion:244 Resp: 2406971
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF125439.D
 Acq: 13 Sep 2021 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB139002BL

Tgt Ion:264 Resp: 566871
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.0 17.2 25.8

