

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136595.D
 Acq On : 15 Dec 2023 16:25
 Operator : CG\JU
 Sample : 05758-37
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5

Quant Time: Dec 16 02:03:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

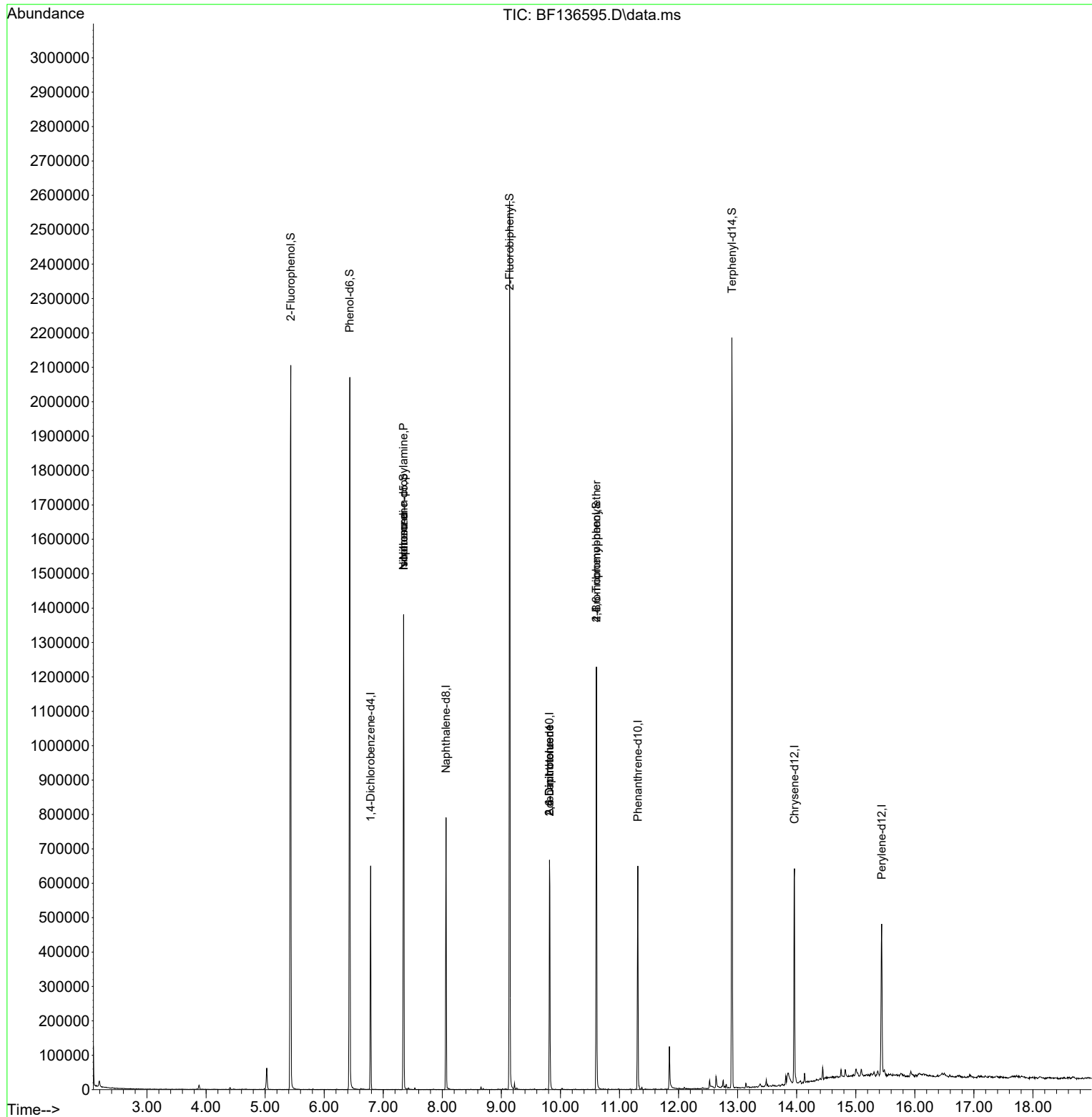
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88911	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323202	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	138178	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	225024	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212733	20.000	ng	0.00
86) Perylene-d12	15.439	264	208850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	619061	102.827	ng	0.01
7) Phenol-d6	6.434	99	718529	95.659	ng	0.00
23) Nitrobenzene-d5	7.345	82	429103	71.774	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	148768	87.318	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	819159	80.892	ng	0.00
79) Terphenyl-d14	12.904	244	799262	49.520	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	882	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	55632	12.839	ng	# 76
25) Isophorone	7.345	82	429094	39.949	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	17863	7.805	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	17863	5.900	ng	# 28
67) 4-Bromophenyl-phenylether	10.610	248	9090	3.474	ng	# 1
77) Benzidine	12.904	184	8827	Below Cal	#	81

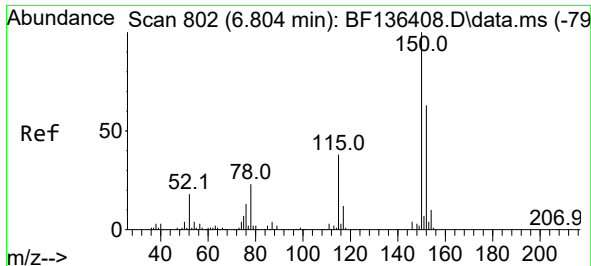
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
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Quant Time: Dec 16 02:03:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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QLast Update : Fri Dec 15 00:33:23 2023
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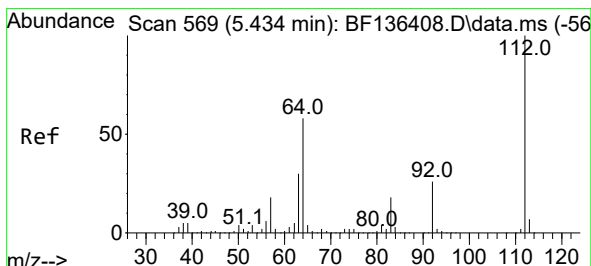
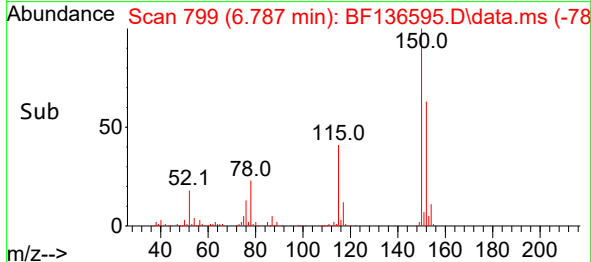
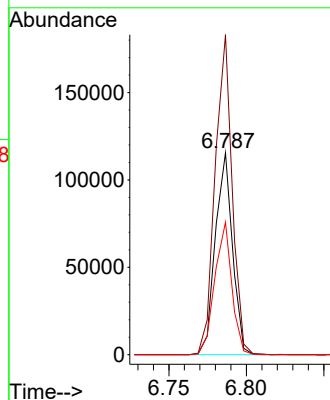
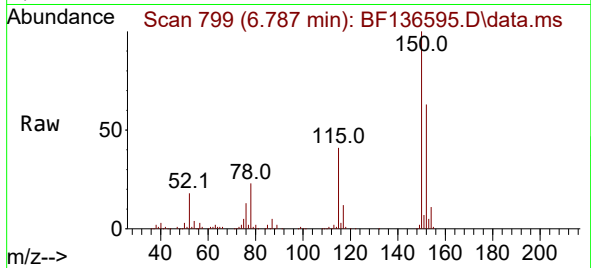




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

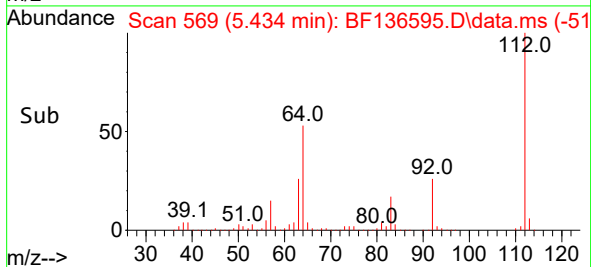
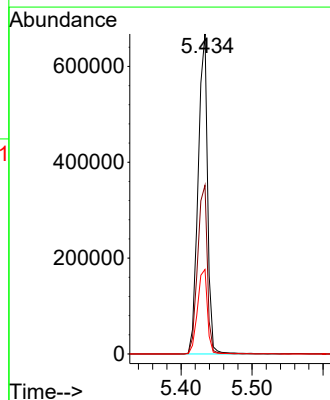
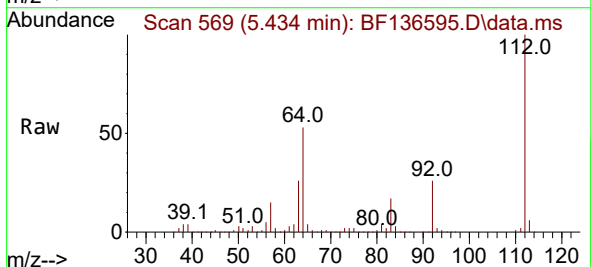
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

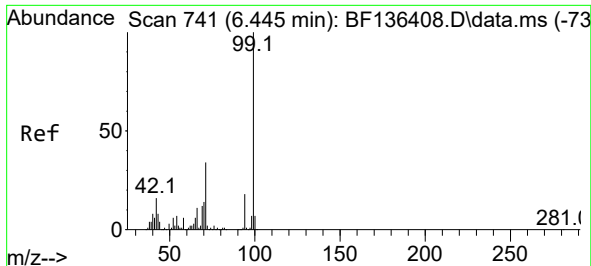
Tgt Ion:152 Resp: 88911
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 65.6 48.2 72.4



#5
2-Fluorophenol
Concen: 102.827 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion:112 Resp: 619061
Ion Ratio Lower Upper
112 100
64 52.7 46.5 69.7
63 26.4 23.9 35.9





#7

Phenol-d6

Concen: 95.659 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

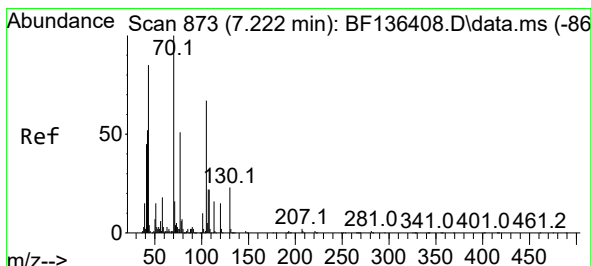
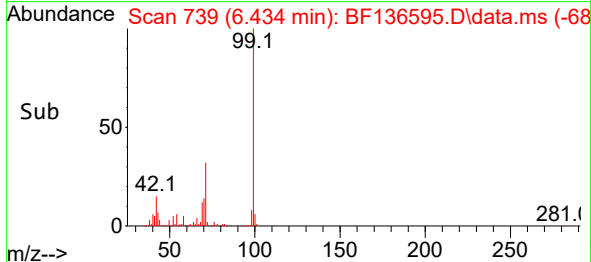
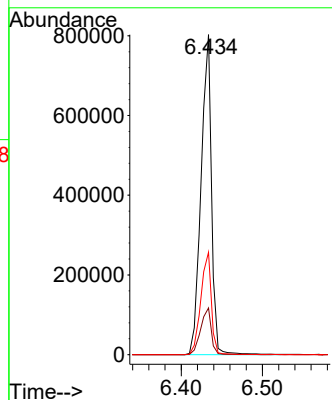
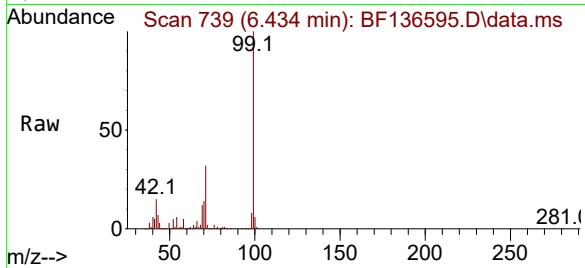
Tgt Ion: 99 Resp: 718529

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

71 32.0 27.0 40.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.839 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.141 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

Tgt Ion: 70 Resp: 55632

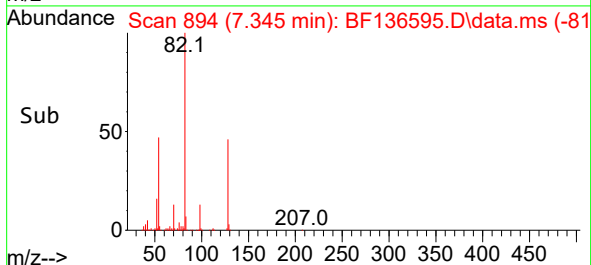
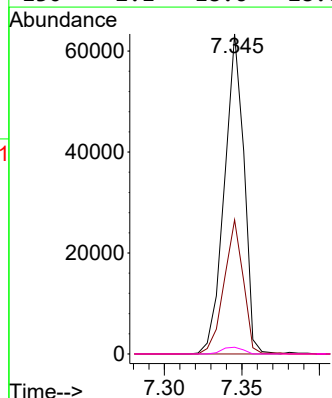
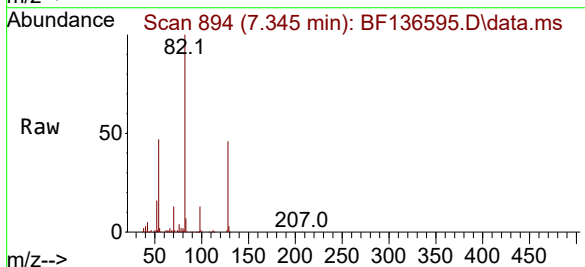
Ion Ratio Lower Upper

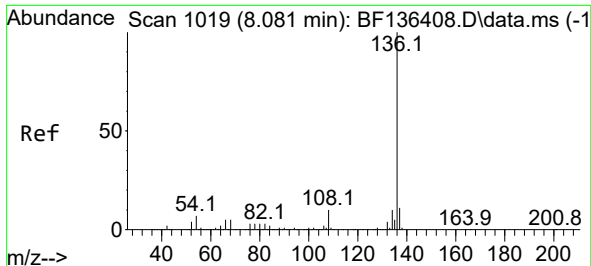
70 100

42 41.9 41.4 62.0

101 0.0 8.2 12.4#

130 2.1 18.6 28.0#

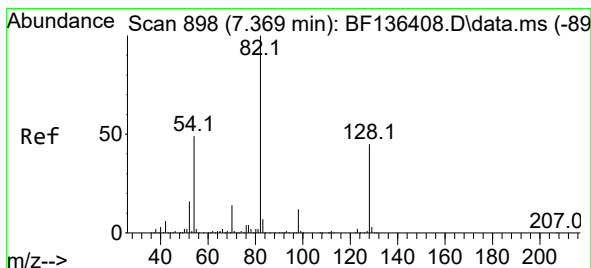
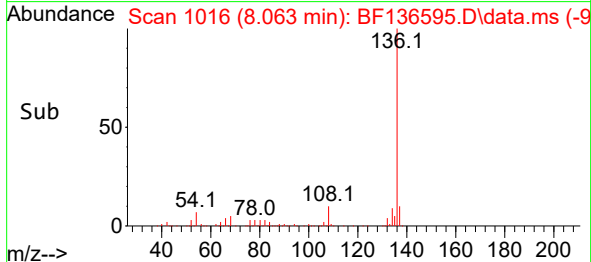
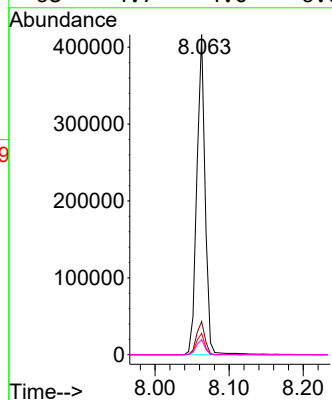
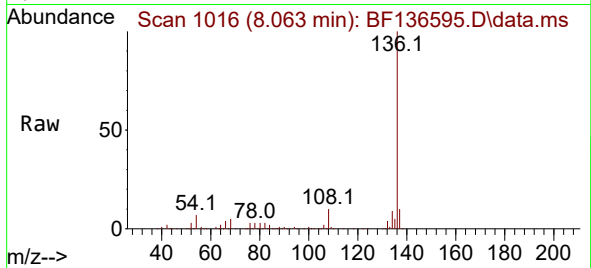




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

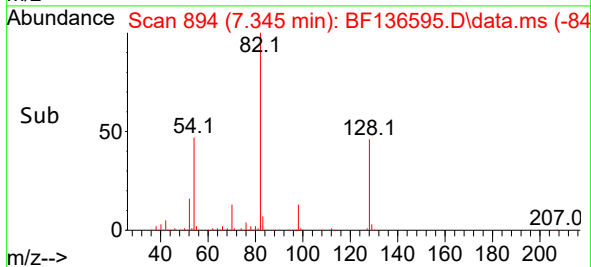
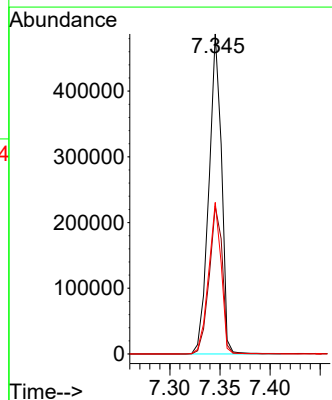
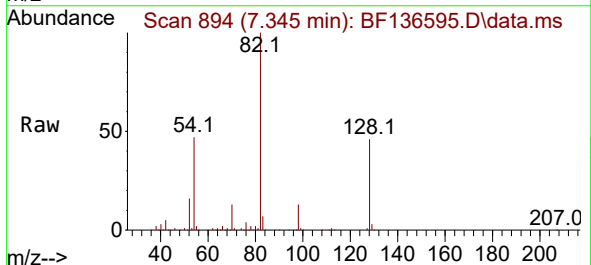
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

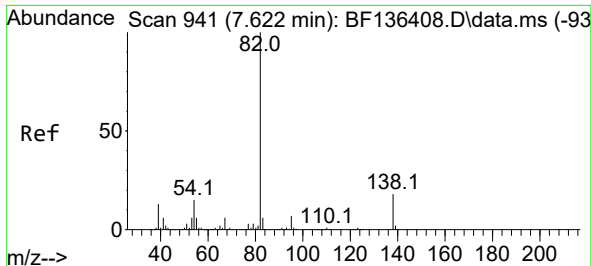
Tgt Ion:136 Resp: 323202
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.6 5.7 8.5
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 71.774 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion: 82 Resp: 429103
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 47.4 39.0 58.6

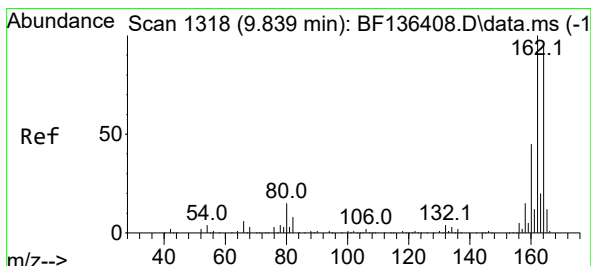
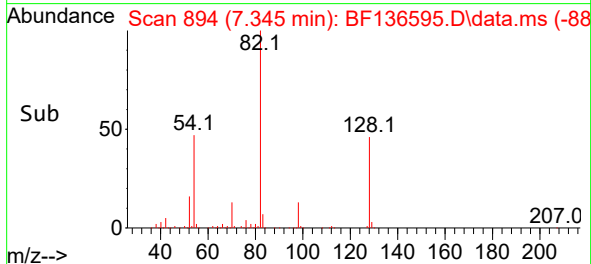
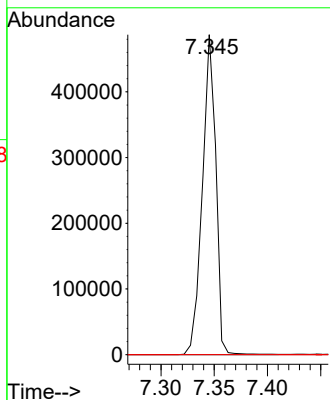
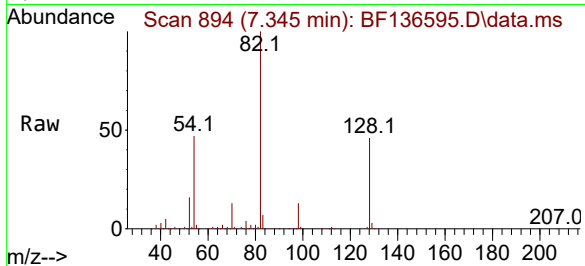




#25
Isophorone
Concen: 39.949 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

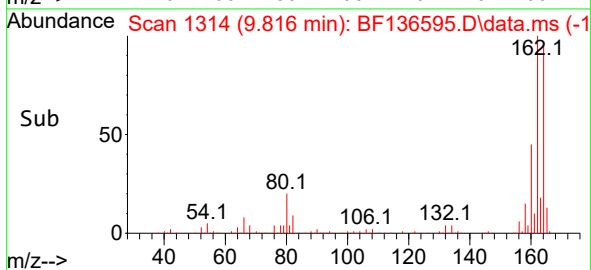
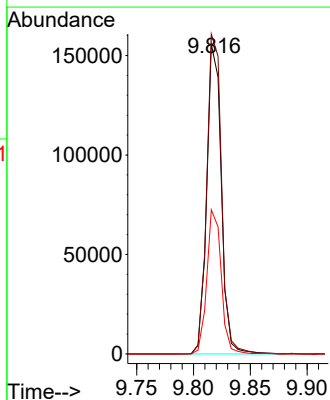
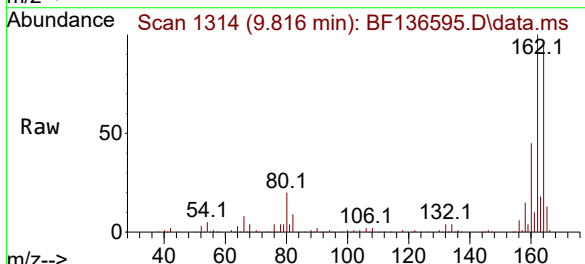
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

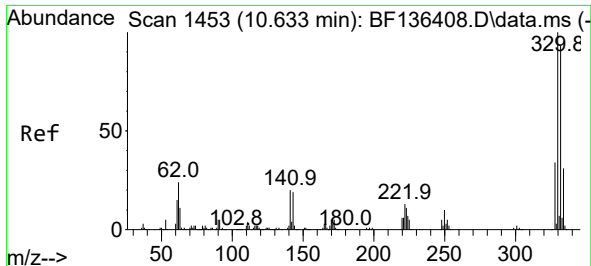
Tgt Ion: 82 Resp: 429094
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion: 164 Resp: 138178
Ion Ratio Lower Upper
164 100
162 103.3 84.4 126.6
160 46.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 87.318 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

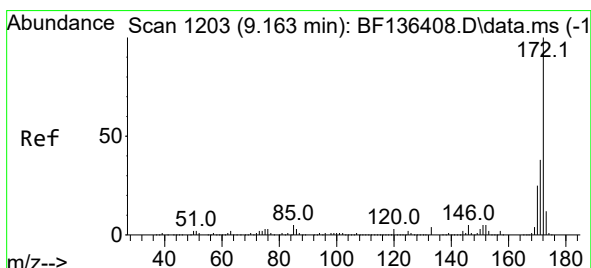
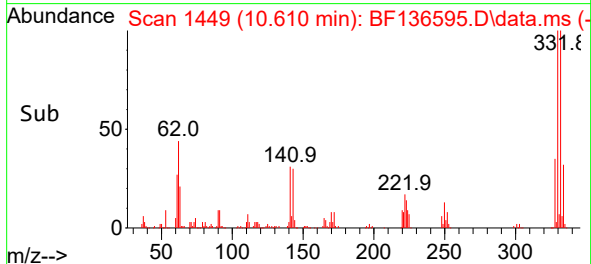
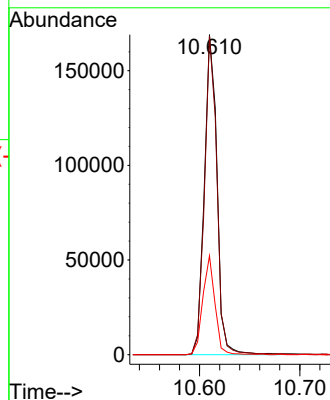
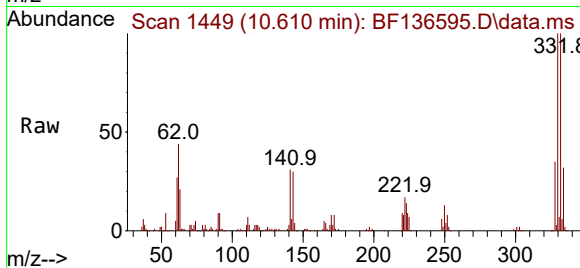
Tgt Ion:330 Resp: 148768

Ion Ratio Lower Upper

330 100

332 97.9 76.4 114.6

141 29.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.892 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

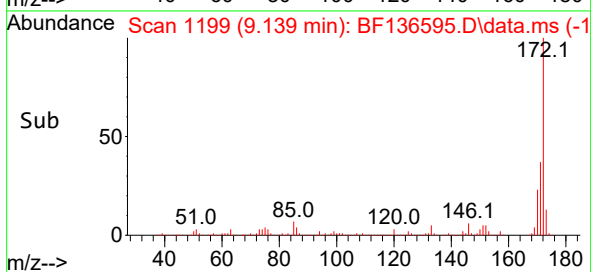
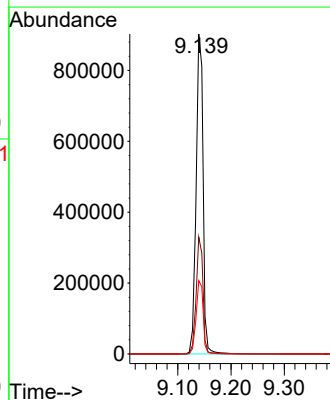
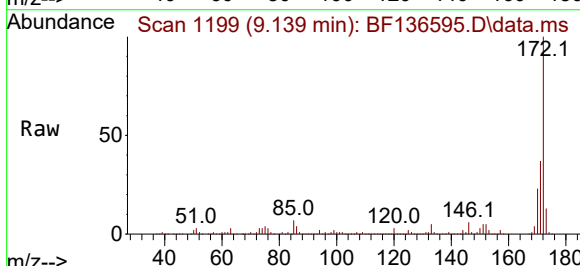
Tgt Ion:172 Resp: 819159

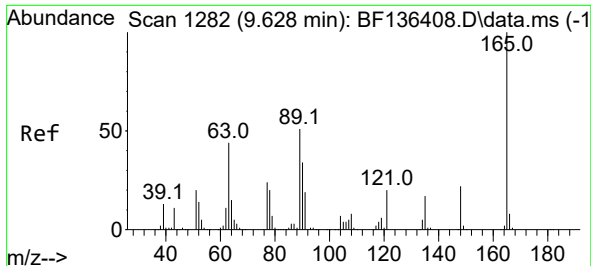
Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

170 22.9 19.9 29.9

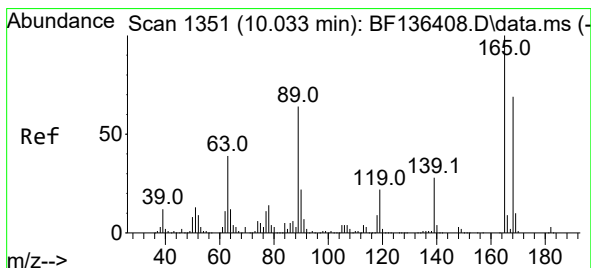
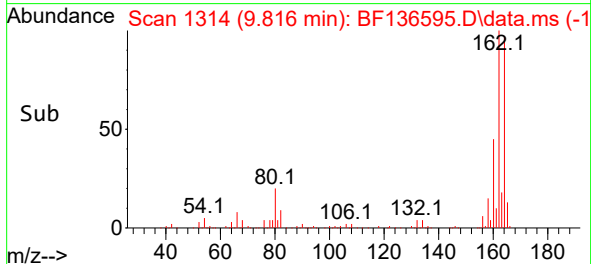
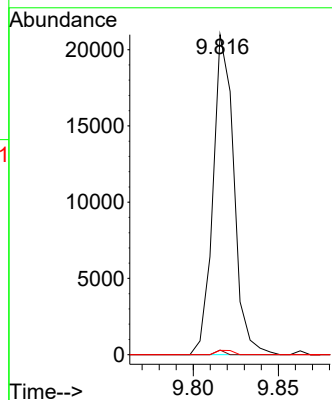
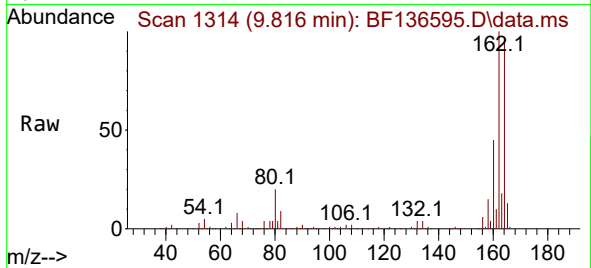




#51
2,6-Dinitrotoluene
Concen: 7.805 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

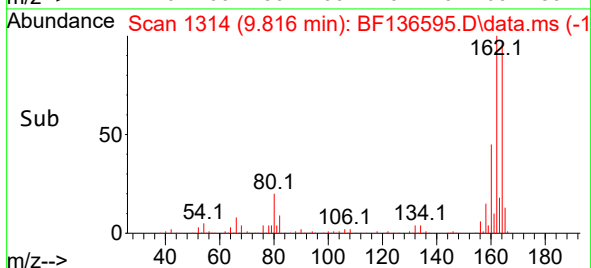
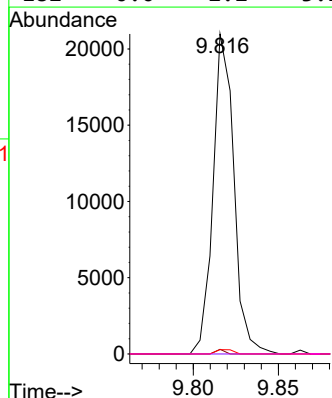
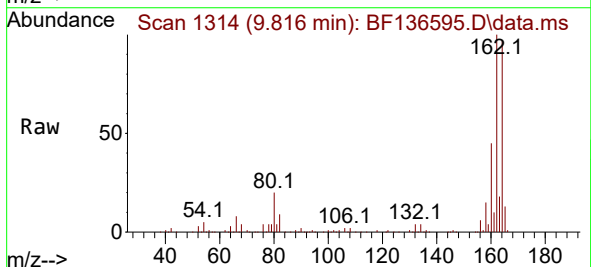
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

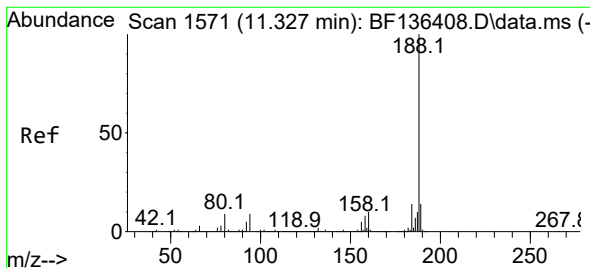
Tgt Ion:165 Resp: 17863
Ion Ratio Lower Upper
165 100
63 1.5 40.4 60.6#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.900 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion:165 Resp: 17863
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

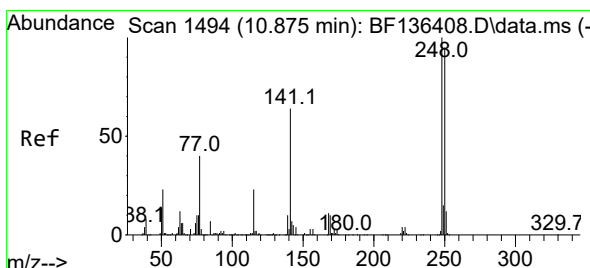
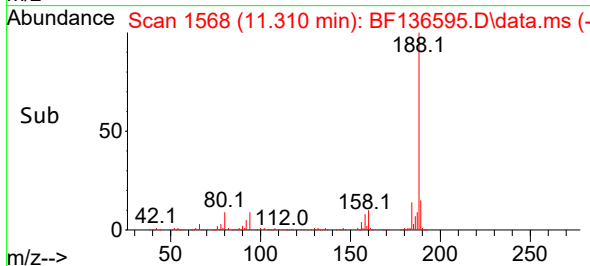
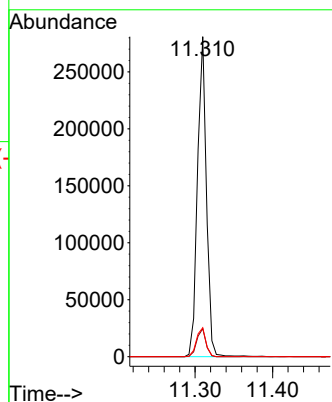
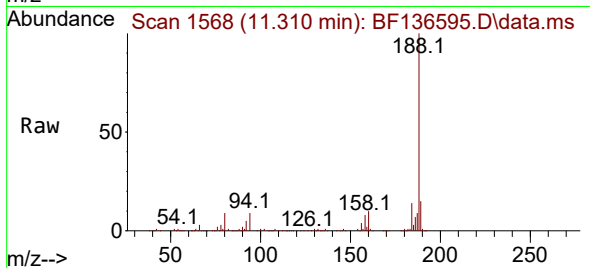
Tgt Ion:188 Resp: 225024

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.474 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136595.D

Acq: 15 Dec 2023 16:25

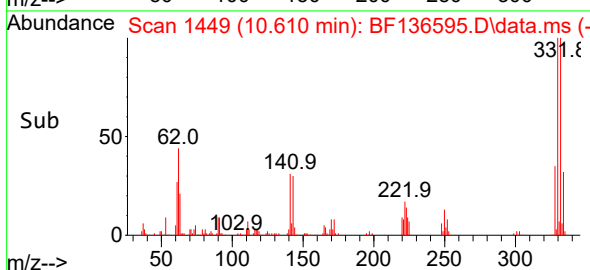
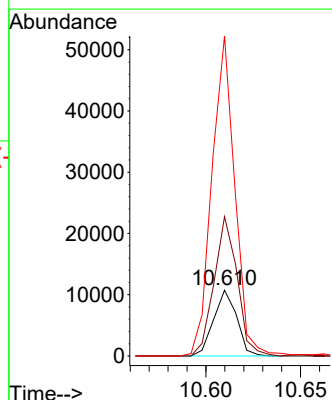
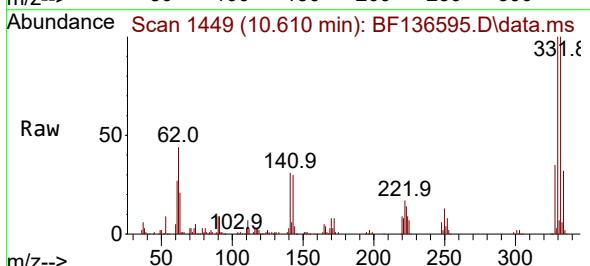
Tgt Ion:248 Resp: 9090

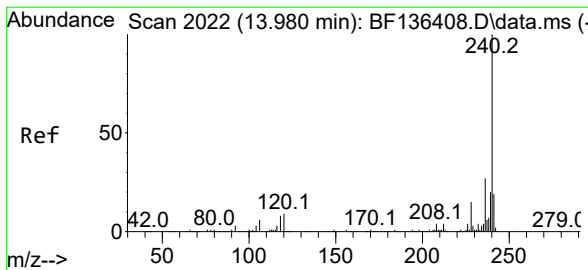
Ion Ratio Lower Upper

248 100

250 212.2 76.2 114.2#

141 487.0 51.0 76.4#

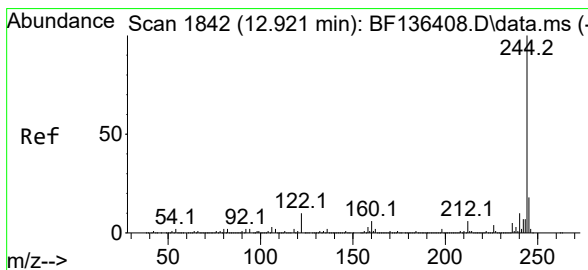
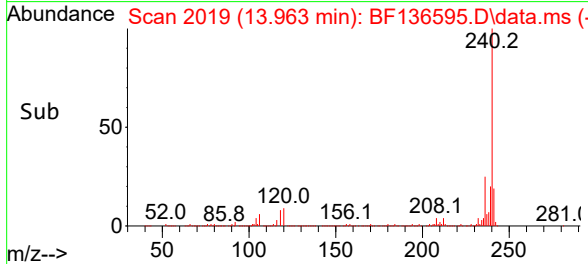
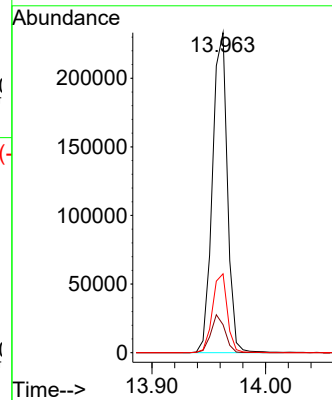
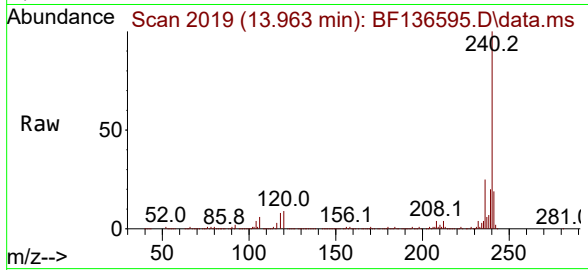




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

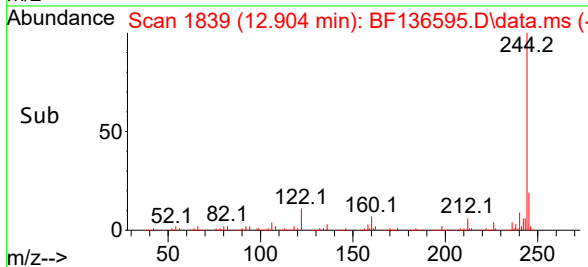
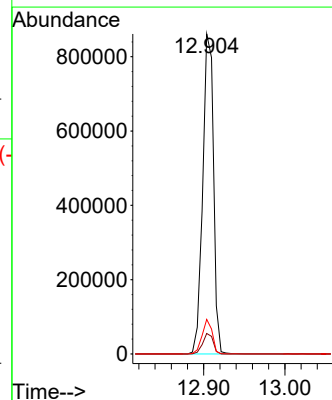
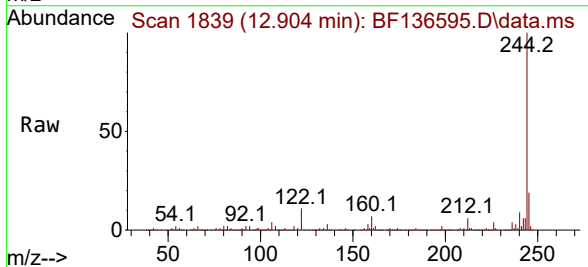
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

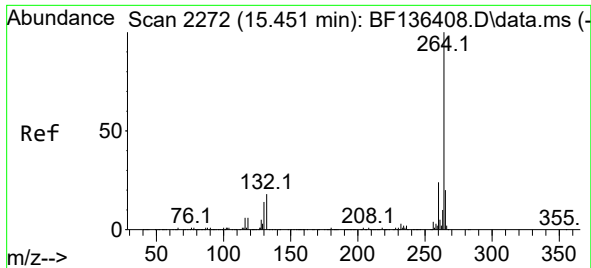
Tgt Ion:240 Resp: 212733
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 24.7 21.3 31.9



#79
Terphenyl-d14
Concen: 49.520 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF136595.D
Acq: 15 Dec 2023 16:25

Tgt Ion:244 Resp: 799262
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136595.D
 Acq: 15 Dec 2023 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5

Tgt Ion:264 Resp: 208850
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 15.9 23.9

