

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136599.D
 Acq On : 15 Dec 2023 18:32
 Operator : CG\JU
 Sample : 05758-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

Quant Time: Dec 16 02:05:36 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)

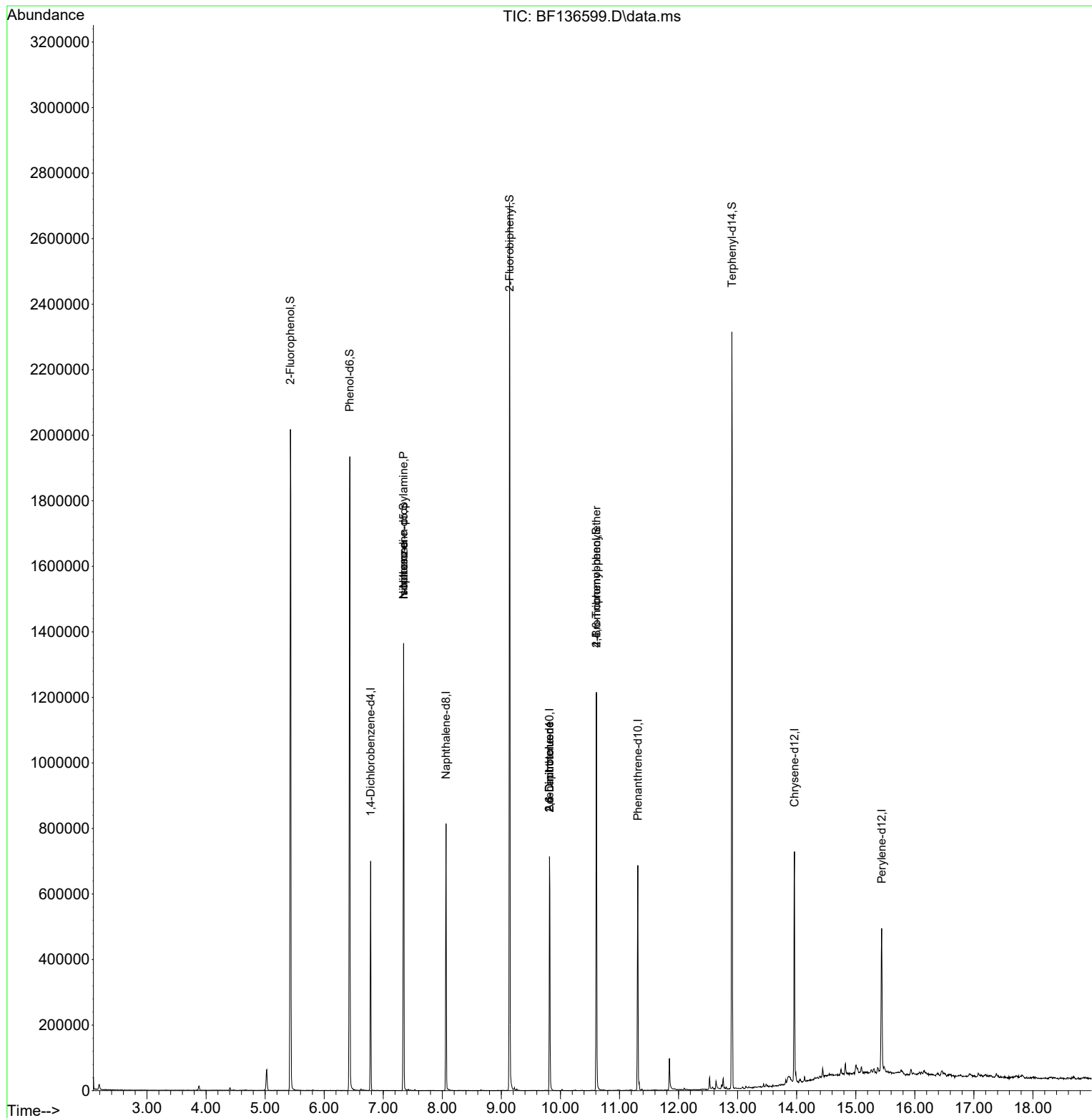
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	94724	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	338594	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	145802	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	237277	20.000	ng	0.00
76) Chrysene-d12	13.963	240	227625	20.000	ng	0.00
86) Perylene-d12	15.439	264	205793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	597353	93.132	ng	0.00
7) Phenol-d6	6.434	99	701393	87.647	ng	0.00
23) Nitrobenzene-d5	7.345	82	416322	66.471	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	148706	82.718	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	812100	76.001	ng	0.00
79) Terphenyl-d14	12.904	244	841603	48.732	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	897	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	53548	11.600	ng	# 76
25) Isophorone	7.345	82	416315	36.997	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	18995	7.866	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	18995	5.946	ng	# 27
67) 4-Bromophenyl-phenylether	10.610	248	8842	3.205	ng	# 1
77) Benzidine	12.645	184	847	Below Cal	#	8

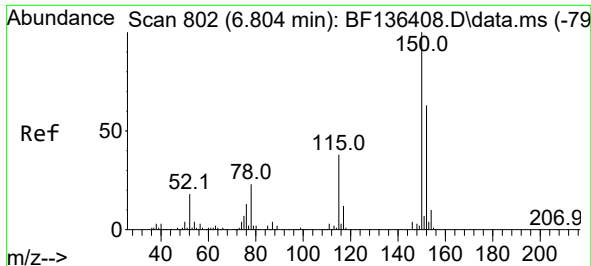
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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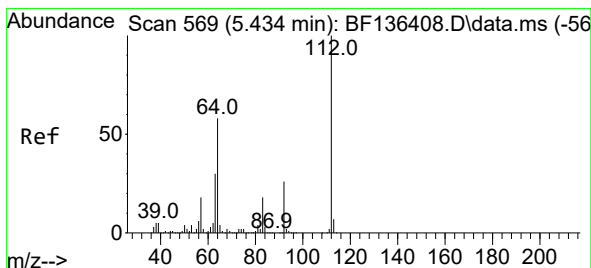
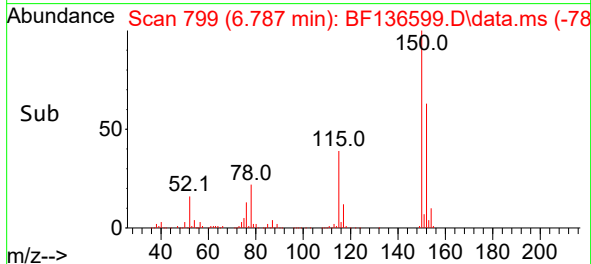
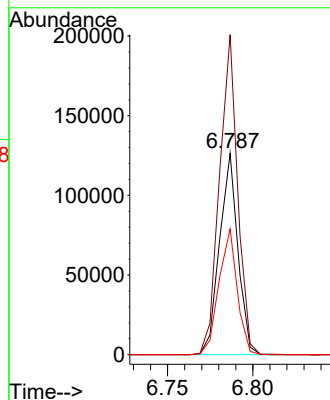
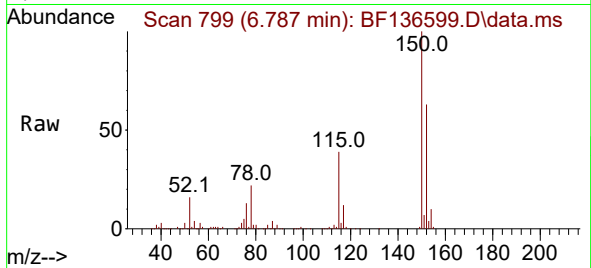




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF136599.D
 Acq: 15 Dec 2023 18:32

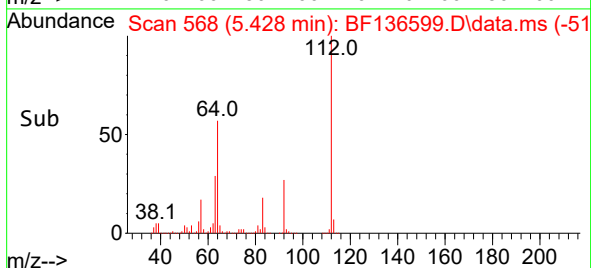
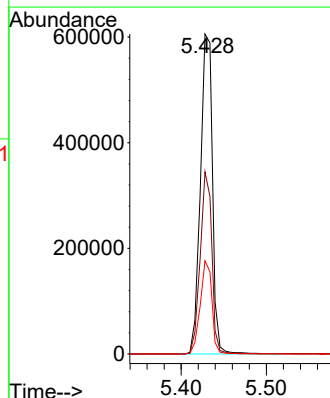
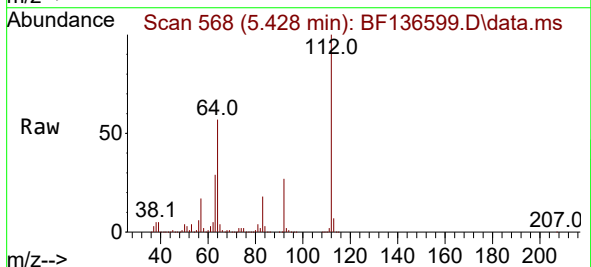
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

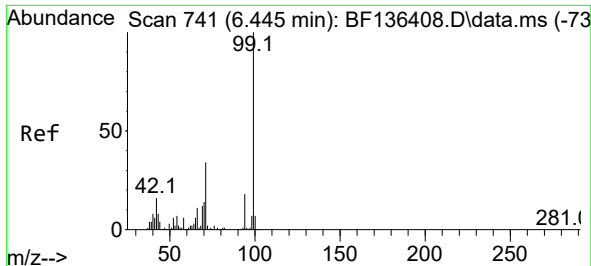
Tgt Ion:152 Resp: 94724
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.4 189.6
 115 62.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 93.132 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF136599.D
 Acq: 15 Dec 2023 18:32

Tgt Ion:112 Resp: 597353
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.5 69.7
 63 29.1 23.9 35.9

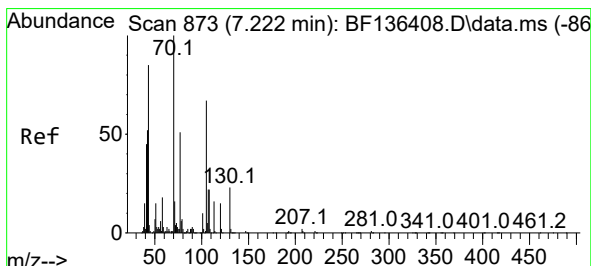
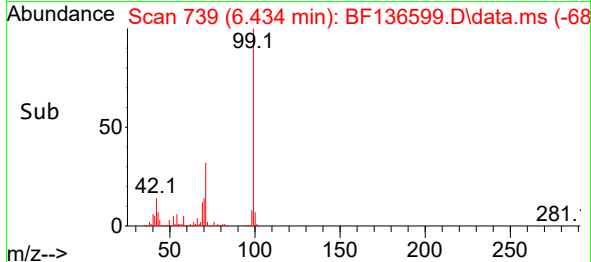
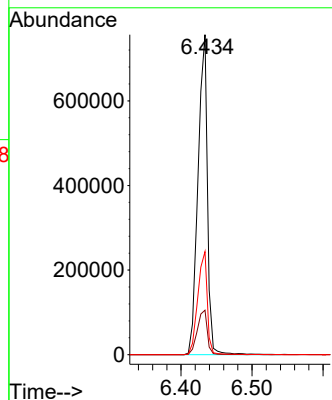
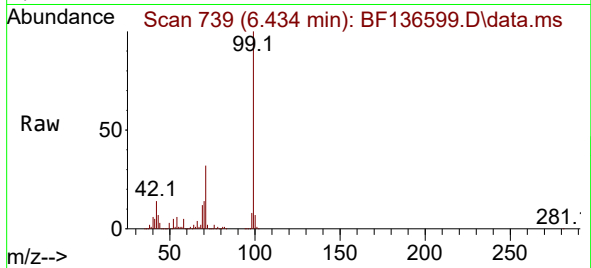




#7
Phenol-d6
Concen: 87.647 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

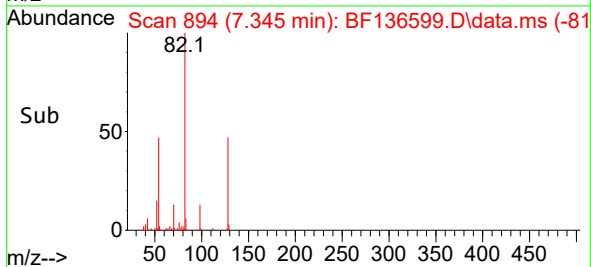
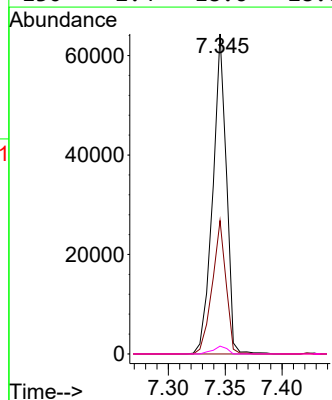
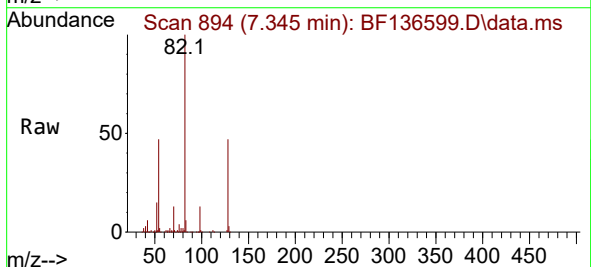
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

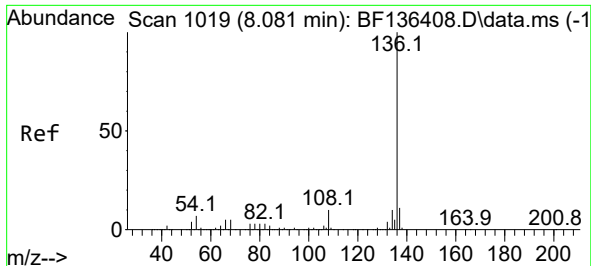
Tgt Ion: 99 Resp: 701393
Ion Ratio Lower Upper
99 100
42 13.9 12.8 19.2
71 32.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.600 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

Tgt Ion: 70 Resp: 53548
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 8.2 12.4#
130 2.4 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

Tgt Ion:136 Resp: 338594

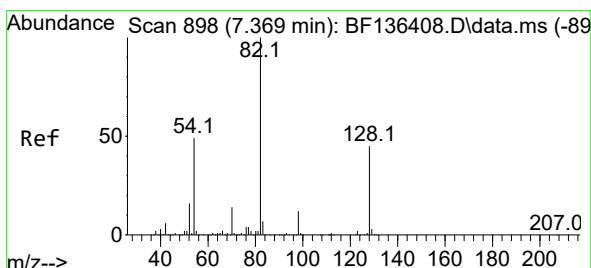
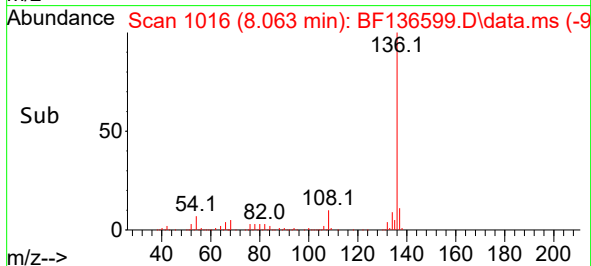
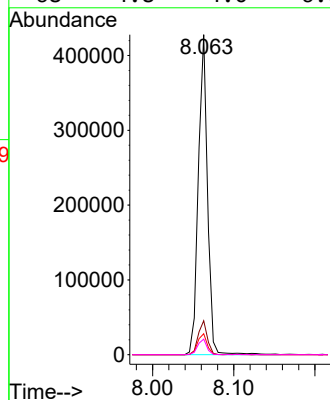
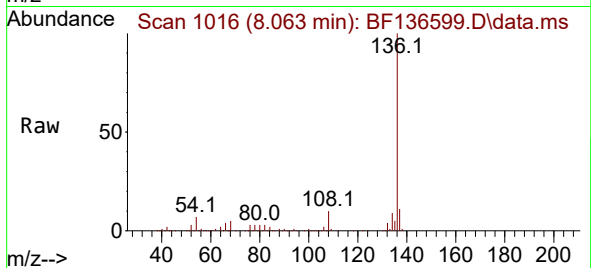
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.5 5.7 8.5

68 4.8 4.0 6.0



#23

Nitrobenzene-d5

Concen: 66.471 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

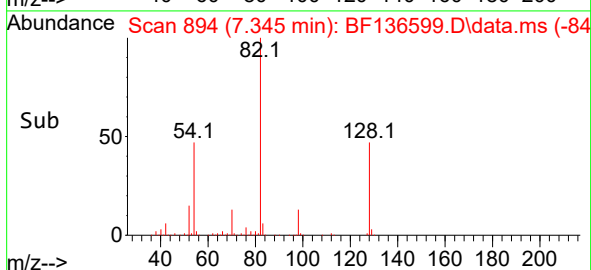
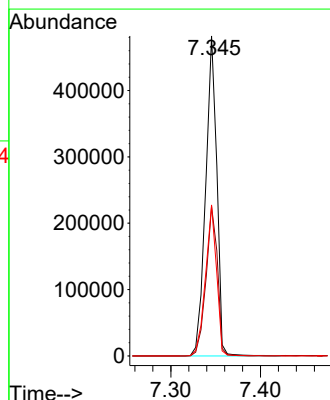
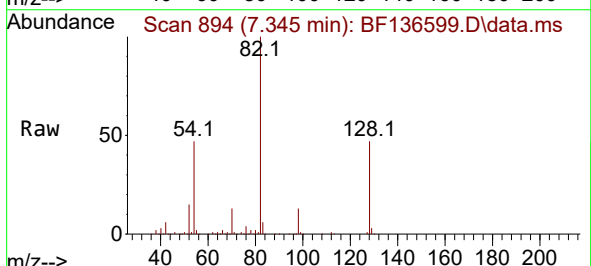
Tgt Ion: 82 Resp: 416322

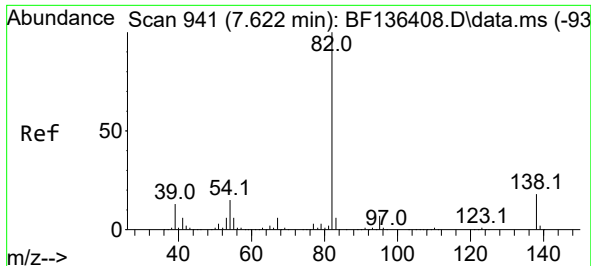
Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

54 47.2 39.0 58.6

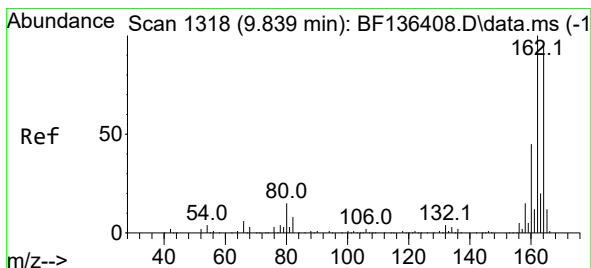
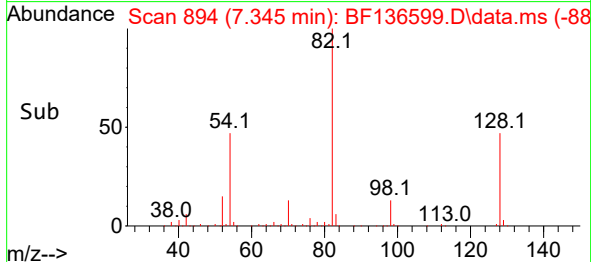
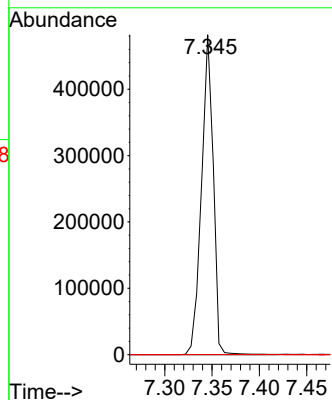
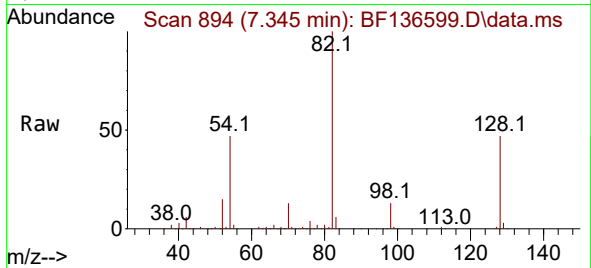




#25
Isophorone
Concen: 36.997 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

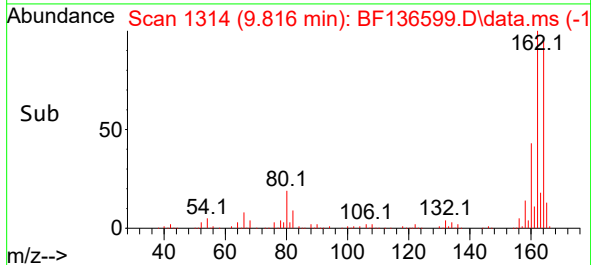
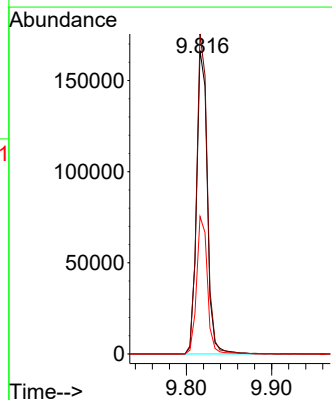
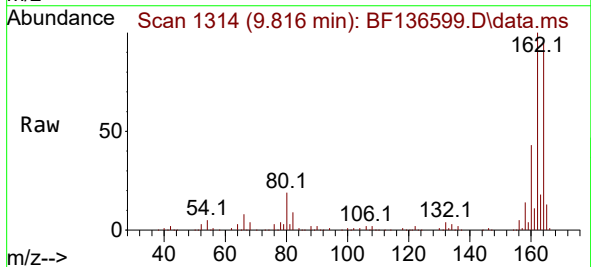
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

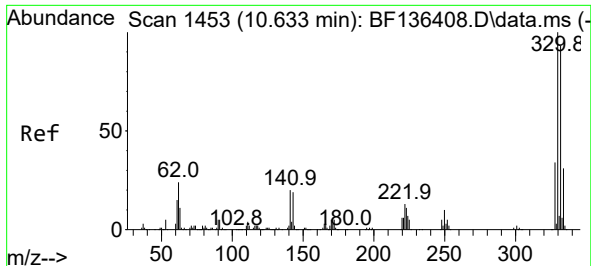
Tgt Ion: 82 Resp: 416315
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

Tgt Ion: 164 Resp: 145802
Ion Ratio Lower Upper
164 100
162 105.5 84.4 126.6
160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 82.718 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

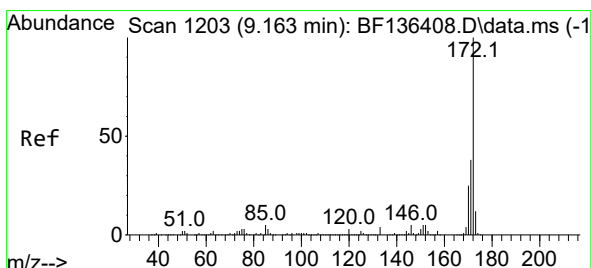
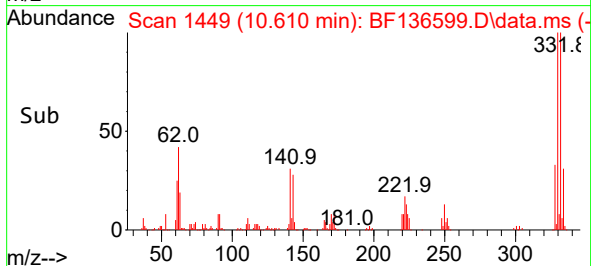
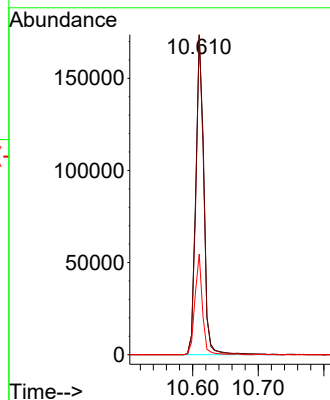
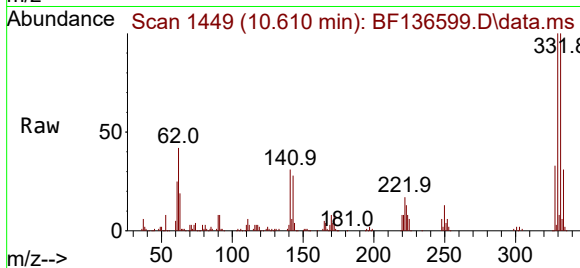
Tgt Ion:330 Resp: 148706

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.001 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

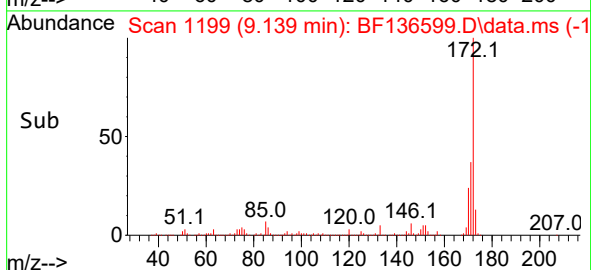
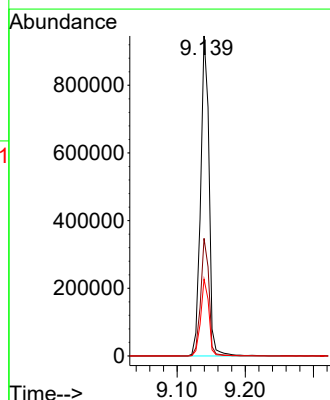
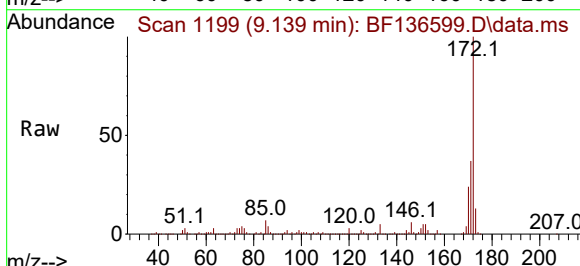
Tgt Ion:172 Resp: 812100

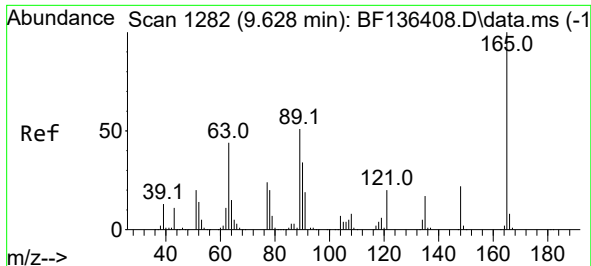
Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.0 19.9 29.9

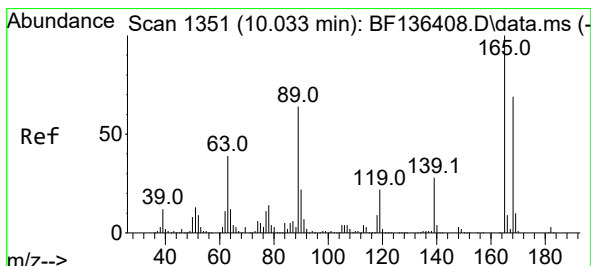
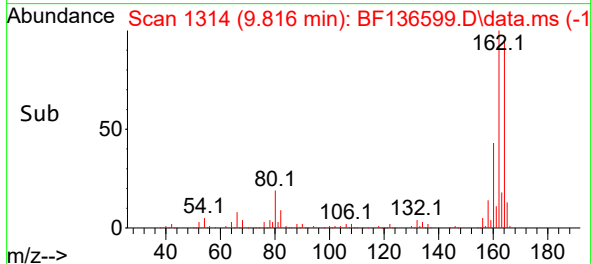
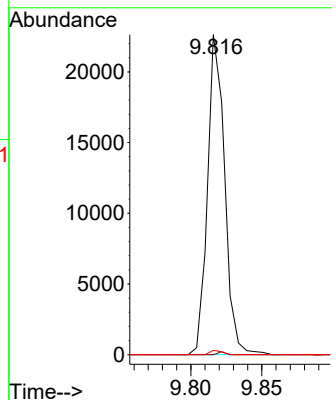
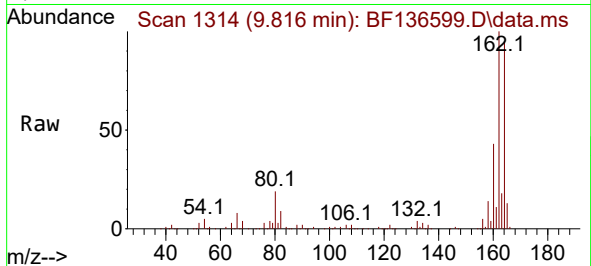




#51
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

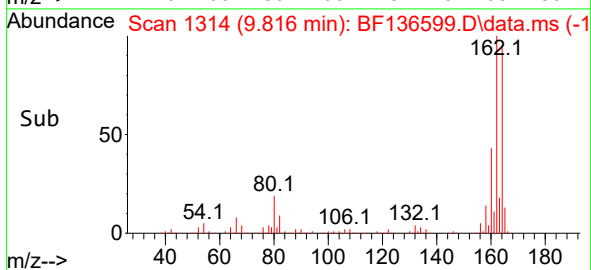
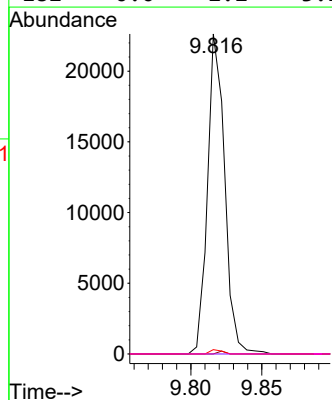
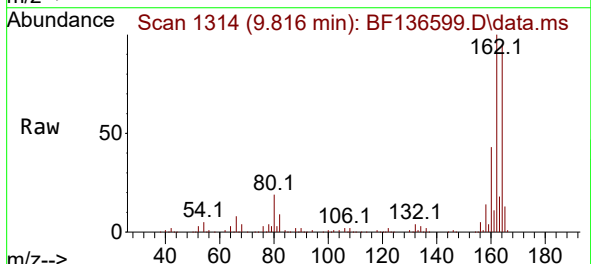
Instrument :
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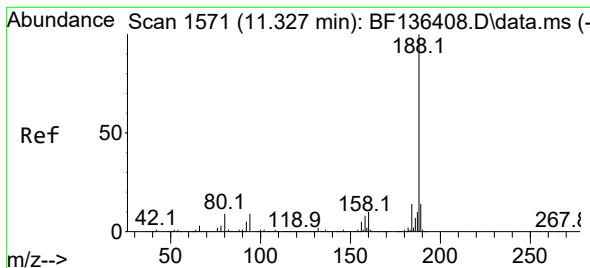
Tgt Ion:165 Resp: 18995
Ion Ratio Lower Upper
165 100
63 0.0 40.4 60.6#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136599.D
Acq: 15 Dec 2023 18:32

Tgt Ion:165 Resp: 18995
Ion Ratio Lower Upper
165 100
63 0.0 31.4 47.2#
89 1.4 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

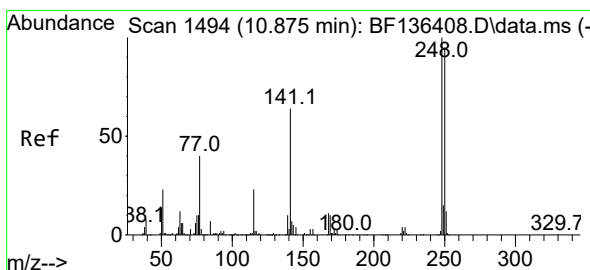
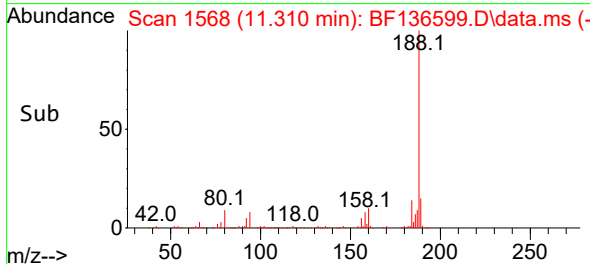
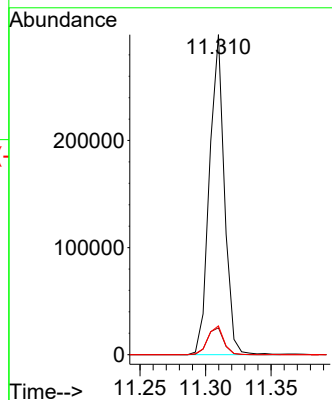
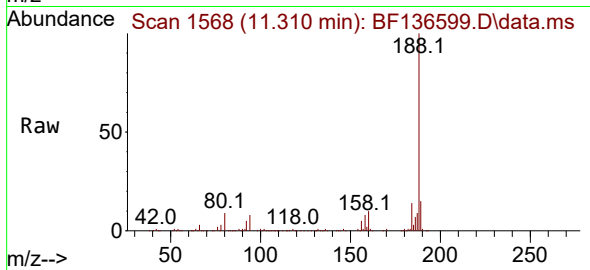
Tgt Ion:188 Resp: 237277

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.205 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

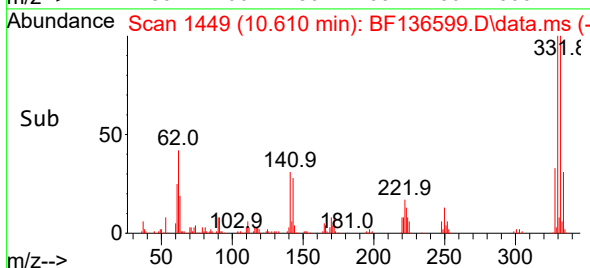
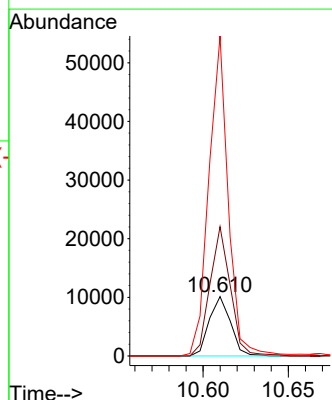
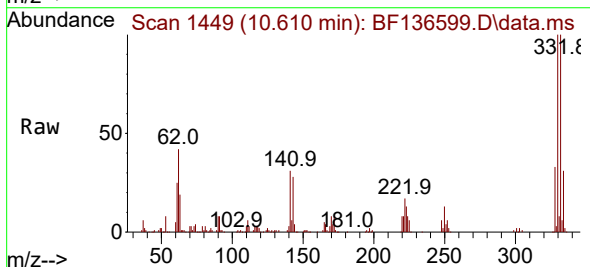
Tgt Ion:248 Resp: 8842

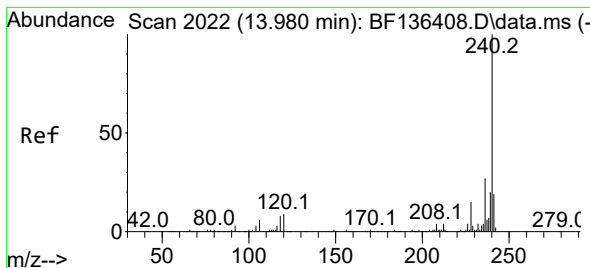
Ion Ratio Lower Upper

248 100

250 217.6 76.2 114.2#

141 538.6 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: BF136599.D

Acq: 15 Dec 2023 18:32

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

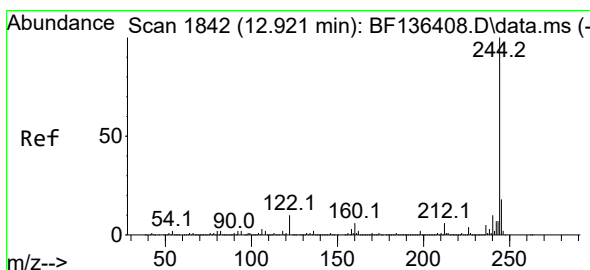
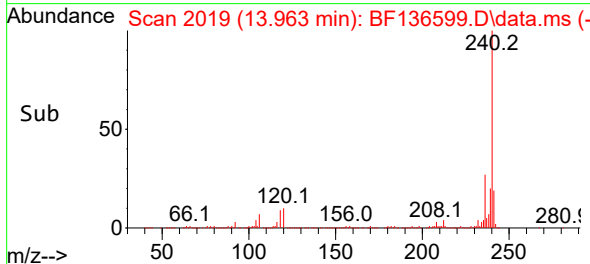
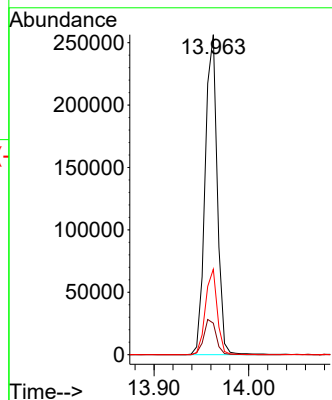
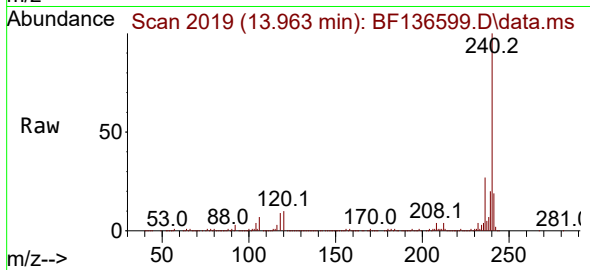
Tgt Ion:240 Resp: 227625

Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 26.7 21.3 31.9



#79

Terphenyl-d14

Concen: 48.732 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF136599.D

Acq: 15 Dec 2023 18:32

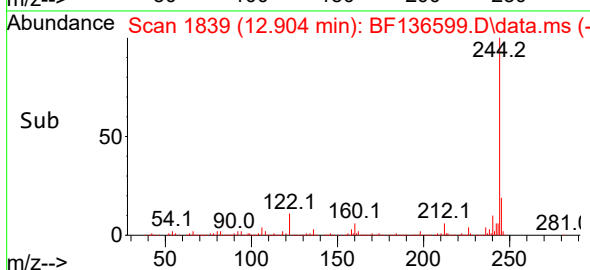
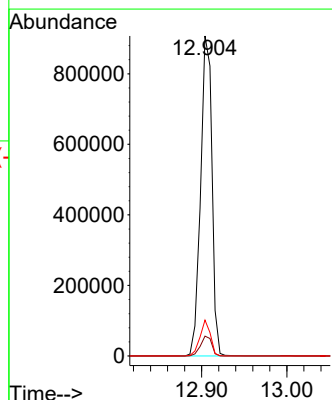
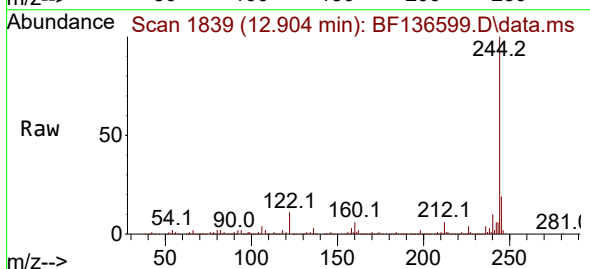
Tgt Ion:244 Resp: 841603

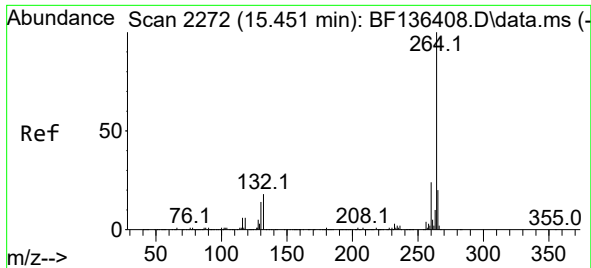
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.2 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: BF136599.D
Acq: 15 Dec 2023 18:32

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tgt Ion:264 Resp: 205793

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.1	15.9	23.9

