

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136601.D
 Acq On : 15 Dec 2023 19:35
 Operator : CG\JU
 Sample : 05758-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-4

Quant Time: Dec 16 02:06:03 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)

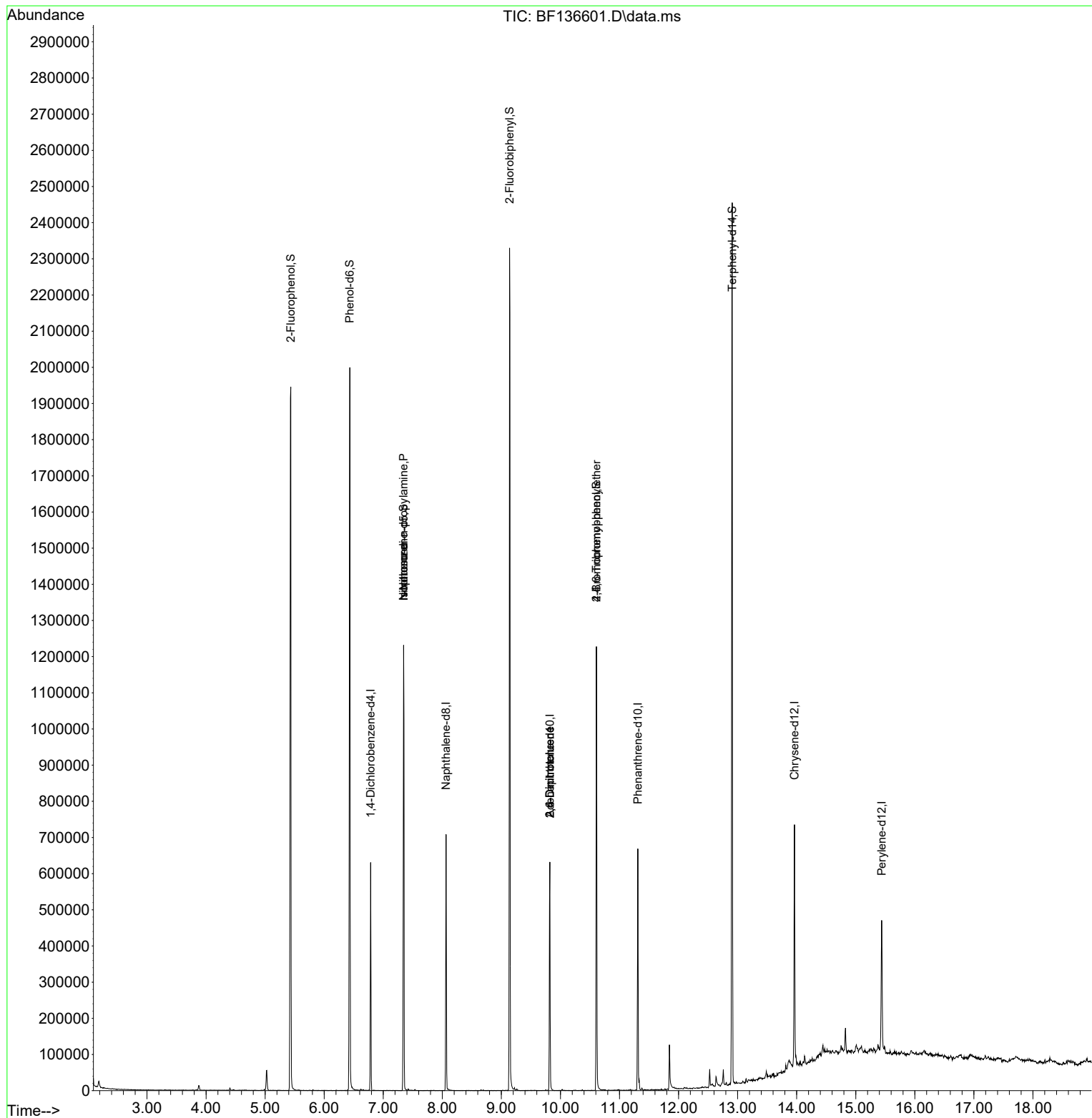
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	81901	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294022	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	128307	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	221700	20.000	ng	0.00
76) Chrysene-d12	13.962	240	212548	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	167632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	593996	107.108	ng	0.01
7) Phenol-d6	6.434	99	677210	97.874	ng	0.00
23) Nitrobenzene-d5	7.345	82	400610	73.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	151697	95.887	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	765293	81.386	ng	0.00
79) Terphenyl-d14	12.910	244	878177	54.457	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1012	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	51892	13.001	ng	# 77
25) Isophorone	7.345	82	400606	40.998	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	16334	7.686	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	16334	5.810	ng	# 27
67) 4-Bromophenyl-phenylether	10.610	248	9680	3.755	ng	# 1

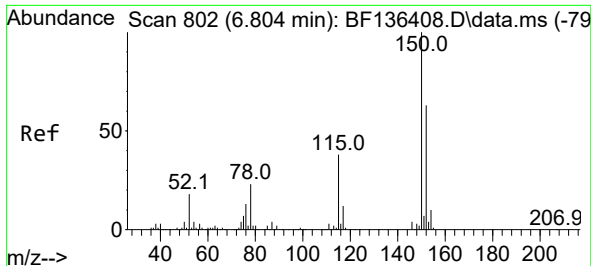
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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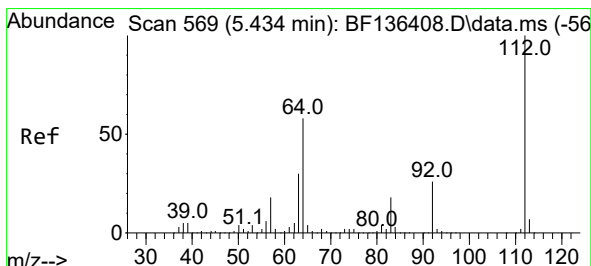
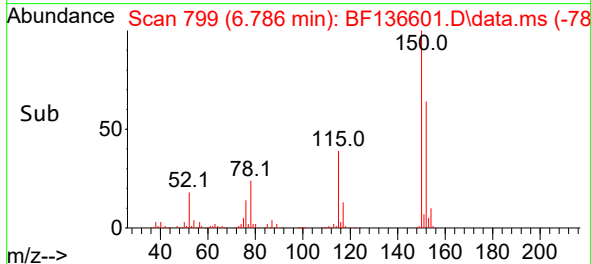
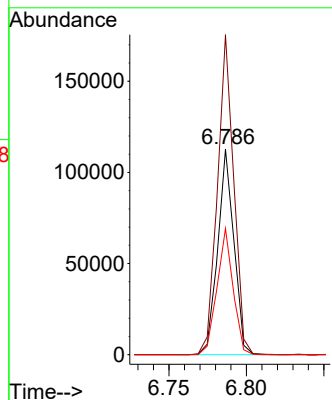
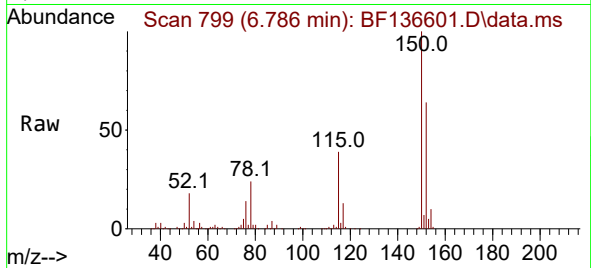




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

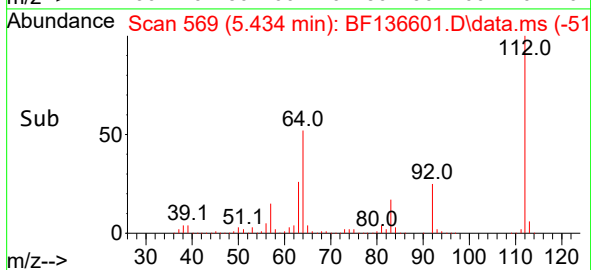
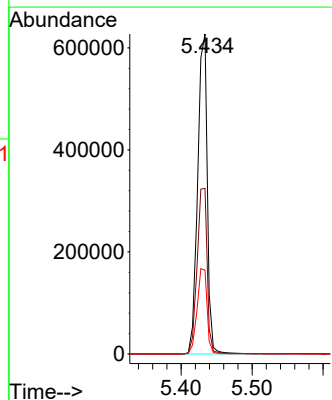
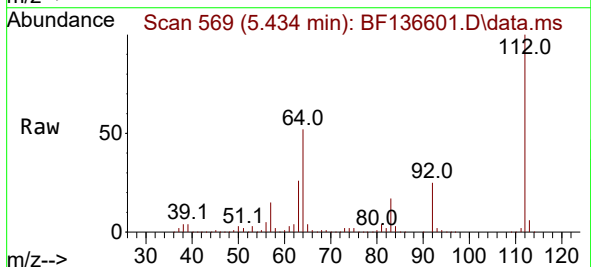
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

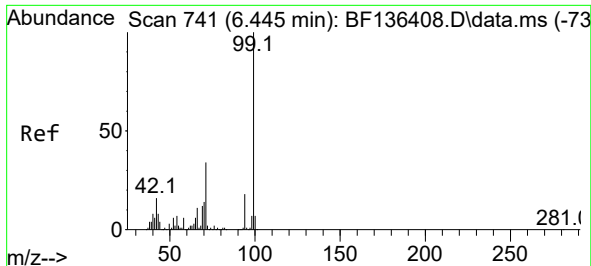
Tgt Ion:152 Resp: 81901
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 61.5 48.2 72.4



#5
2-Fluorophenol
Concen: 107.108 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion:112 Resp: 593996
Ion Ratio Lower Upper
112 100
64 51.8 46.5 69.7
63 26.2 23.9 35.9

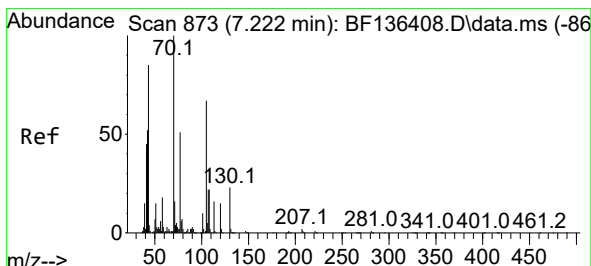
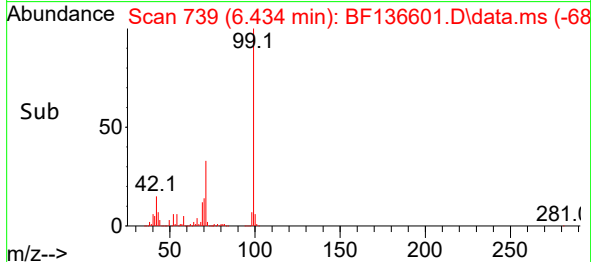
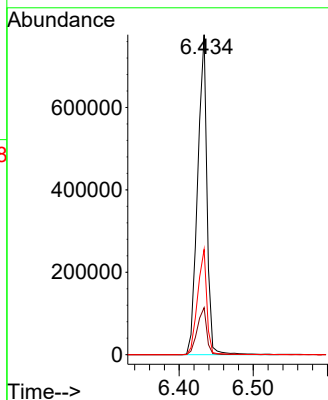
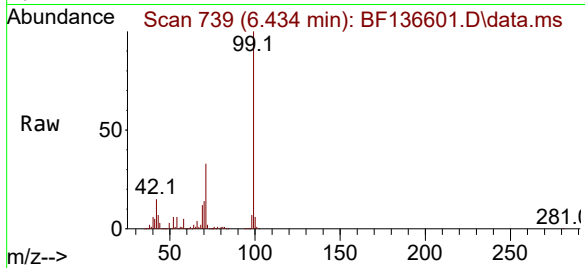




#7
Phenol-d6
Concen: 97.874 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

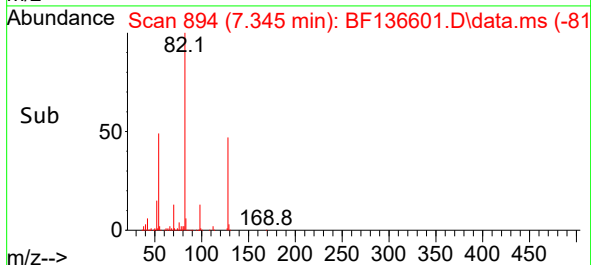
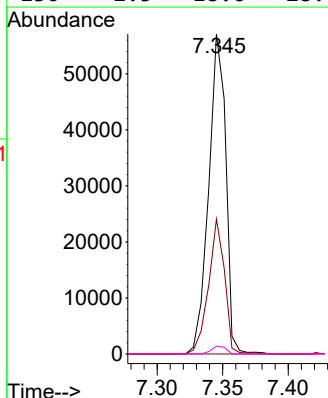
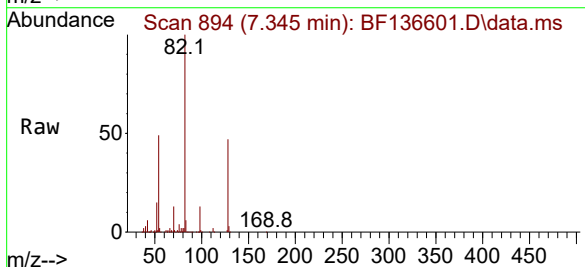
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

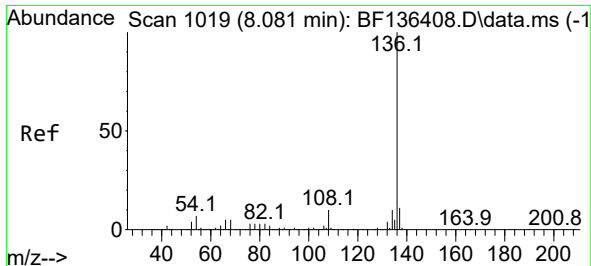
Tgt Ion: 99 Resp: 677210
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 32.9 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.001 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion: 70 Resp: 51892
Ion Ratio Lower Upper
70 100
42 42.2 41.4 62.0
101 0.0 8.2 12.4#
130 2.5 18.6 28.0#

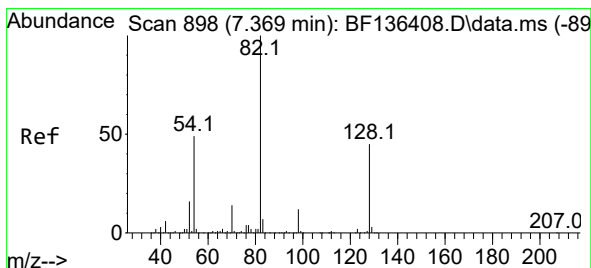
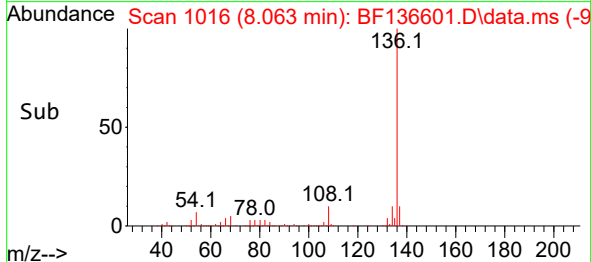
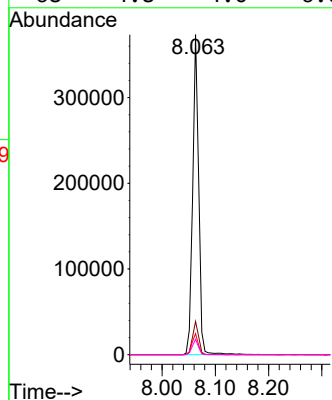
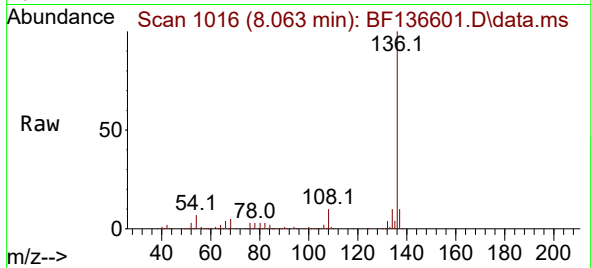




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

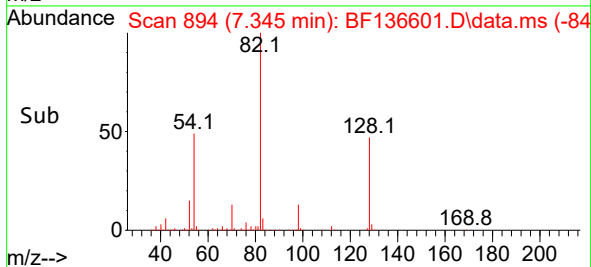
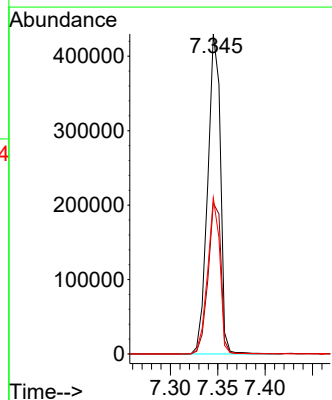
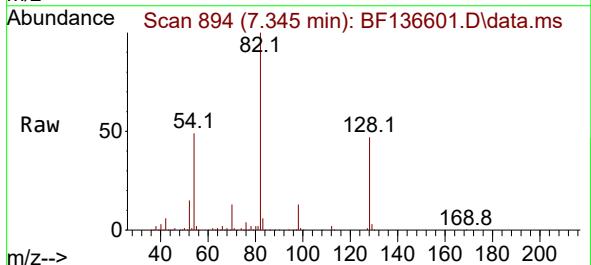
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

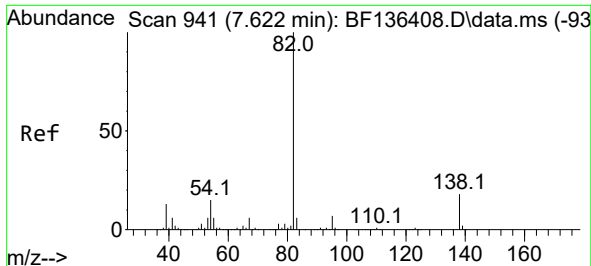
Tgt Ion:136 Resp: 294022
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.6 5.7 8.5
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 73.658 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion: 82 Resp: 400610
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 48.8 39.0 58.6

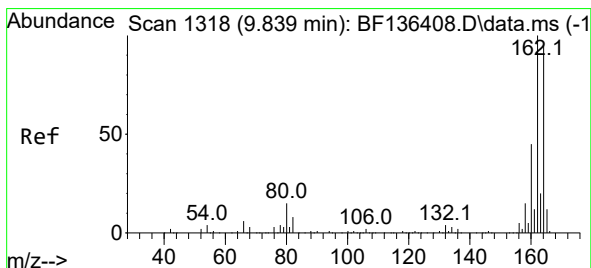
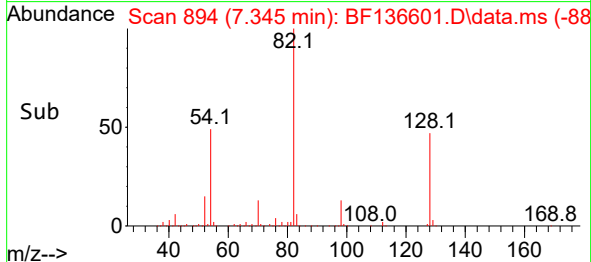
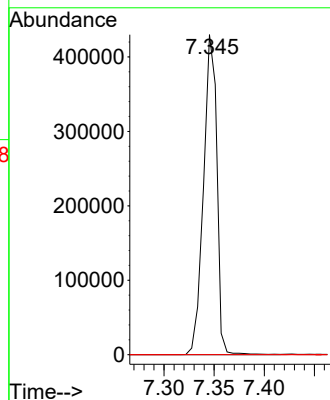
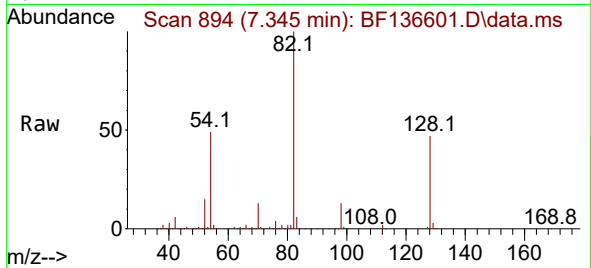




#25
Isophorone
Concen: 40.998 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

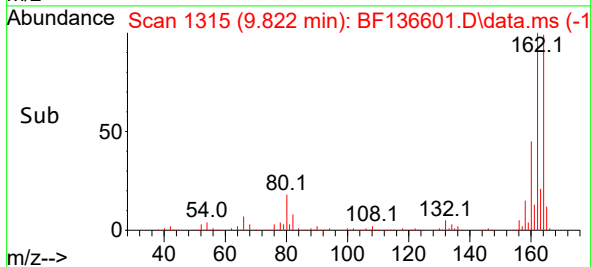
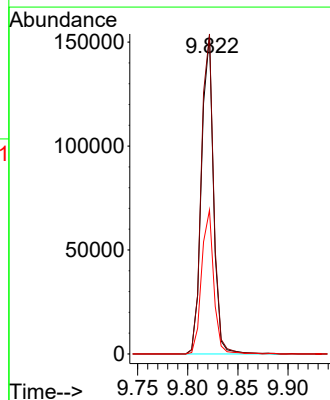
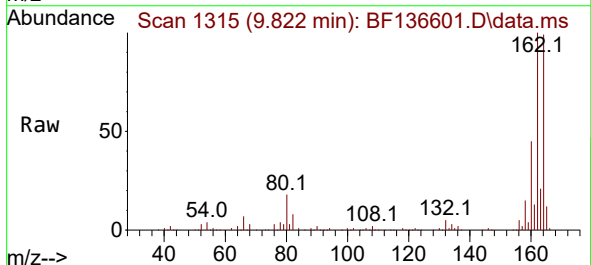
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

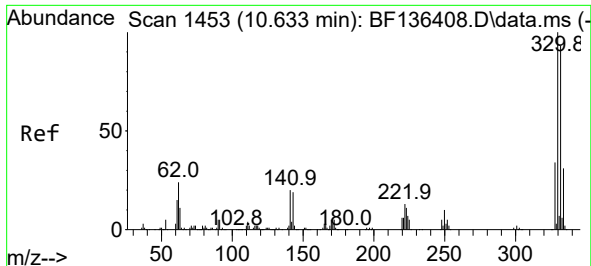
Tgt Ion: 82 Resp: 400606
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion:164 Resp: 128307
Ion Ratio Lower Upper
164 100
162 100.5 84.4 126.6
160 45.2 37.6 56.4

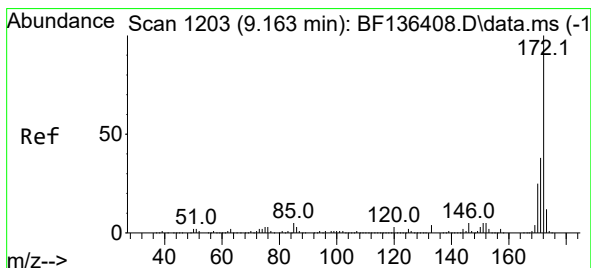
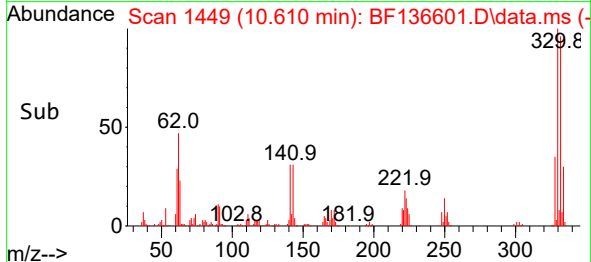
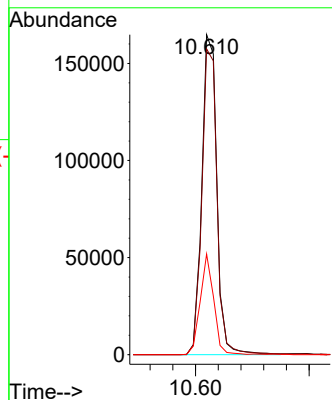
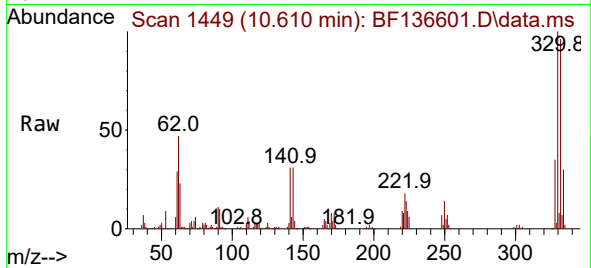




#42
2,4,6-Tribromophenol
Concen: 95.887 ng
RT: 10.610 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

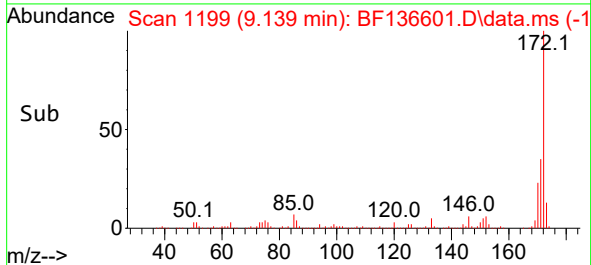
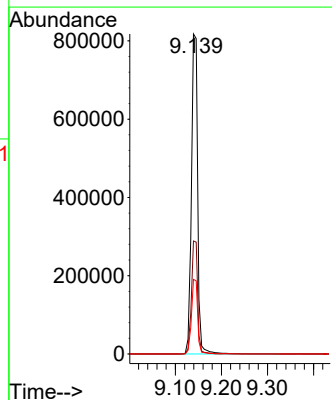
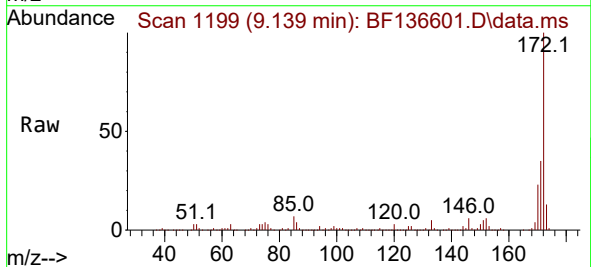
Instrument :
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ClientSampleId :
SP-COMP-4

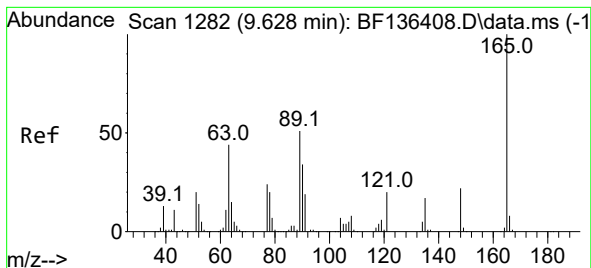
Tgt Ion:330 Resp: 151697
Ion Ratio Lower Upper
330 100
332 96.6 76.4 114.6
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.386 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion:172 Resp: 765293
Ion Ratio Lower Upper
172 100
171 35.3 30.5 45.7
170 23.3 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.686 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4

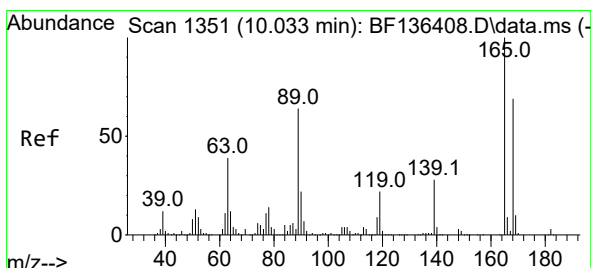
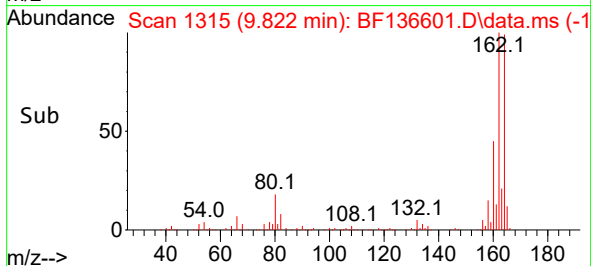
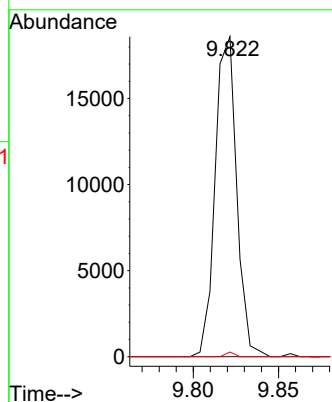
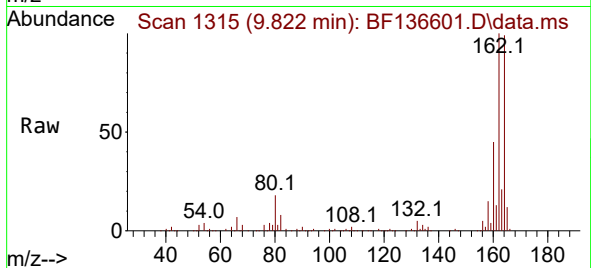
Tgt Ion:165 Resp: 16334

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: 5.810 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.200 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

Tgt Ion:165 Resp: 16334

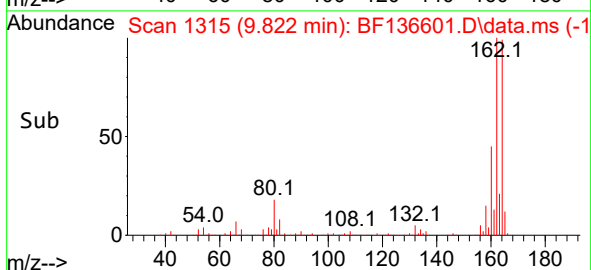
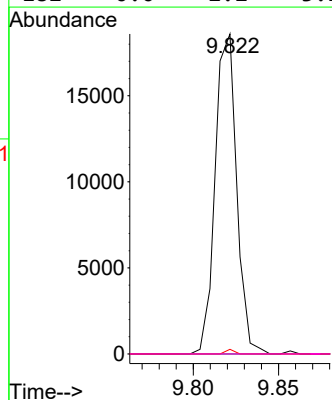
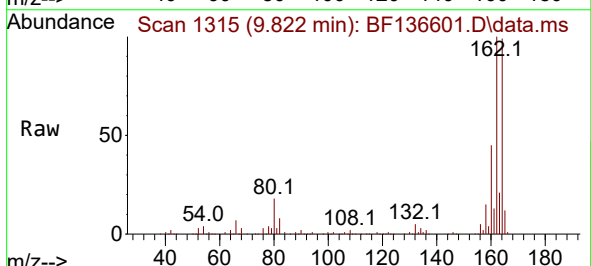
Ion Ratio Lower Upper

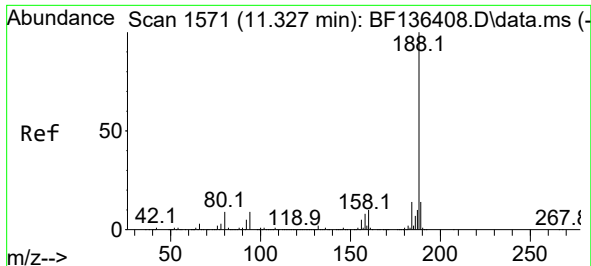
165 100

63 0.0 31.4 47.2#

89 1.4 51.7 77.5#

182 0.0 2.2 3.2#

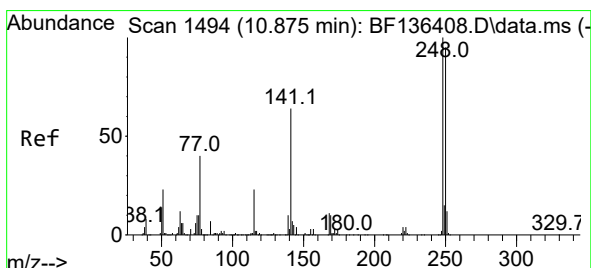
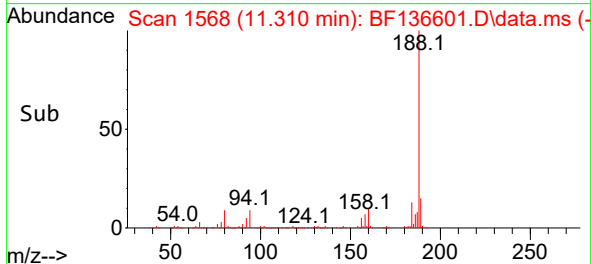
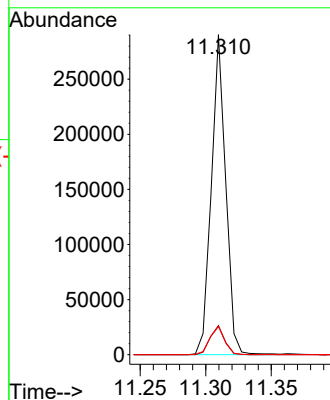
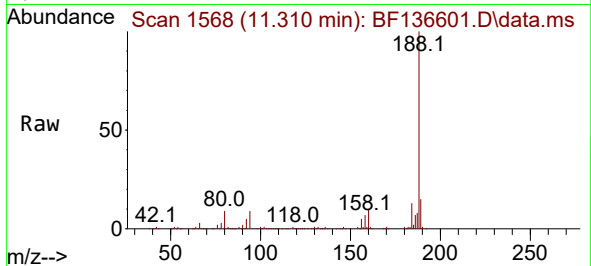




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

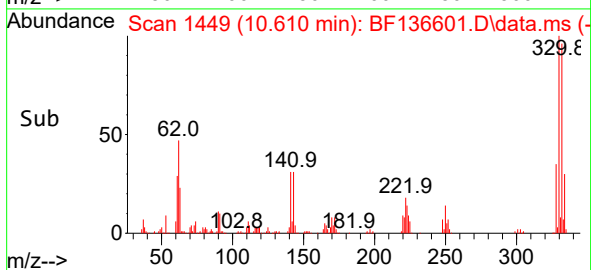
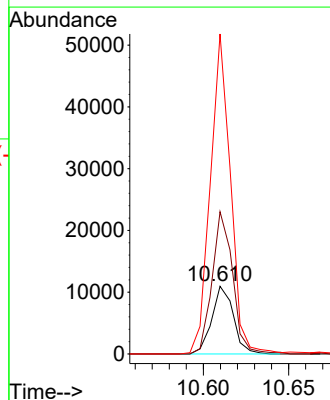
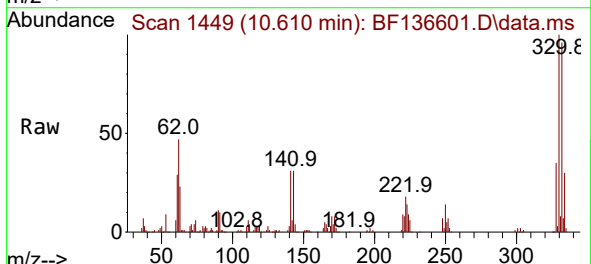
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4

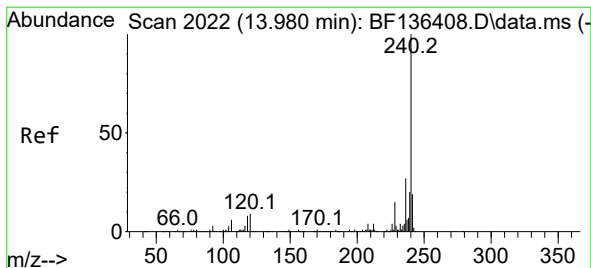
Tgt Ion:188 Resp: 221700
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 8.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.755 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF136601.D
Acq: 15 Dec 2023 19:35

Tgt Ion:248 Resp: 9680
Ion Ratio Lower Upper
248 100
250 210.0 76.2 114.2#
141 472.2 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4

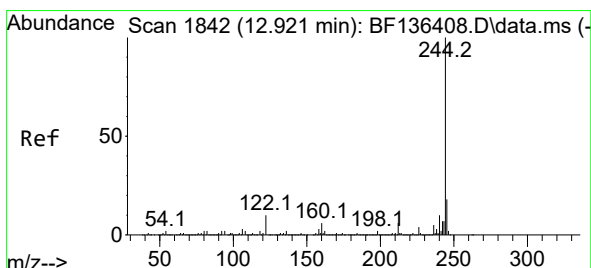
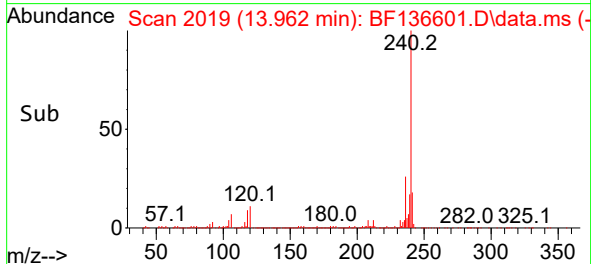
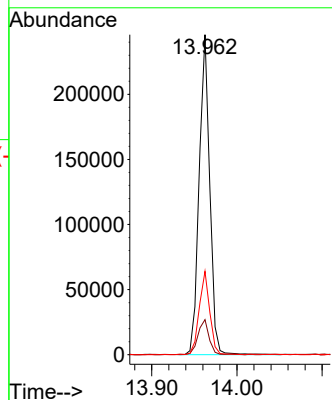
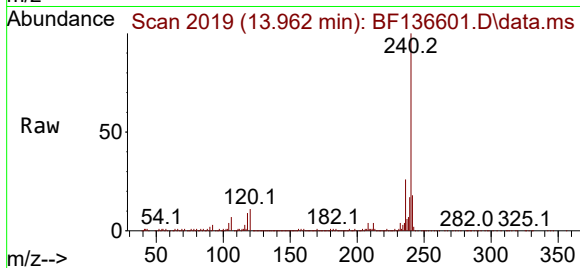
Tgt Ion:240 Resp: 212548

Ion Ratio Lower Upper

240 100

120 11.0 7.3 10.9#

236 26.1 21.3 31.9



#79

Terphenyl-d14

Concen: 54.457 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF136601.D

Acq: 15 Dec 2023 19:35

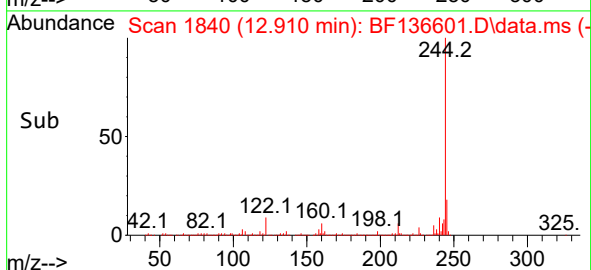
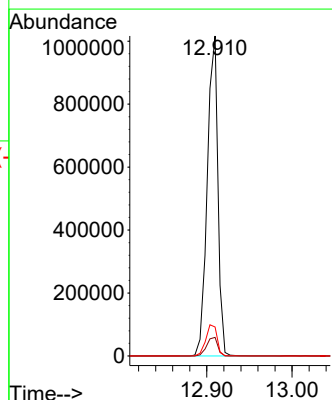
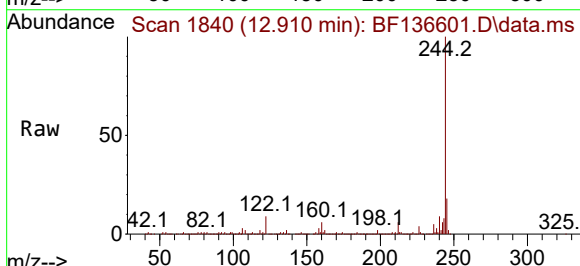
Tgt Ion:244 Resp: 878177

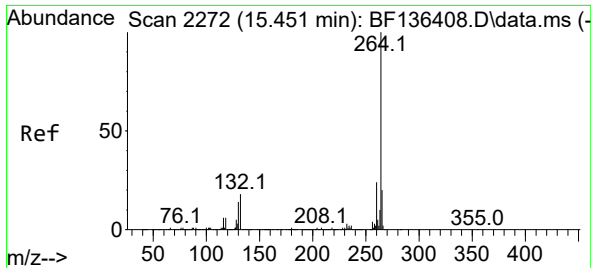
Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 9.0 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: BF136601.D
 Acq: 15 Dec 2023 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-4

Tgt Ion:264 Resp: 167632
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 15.9 23.9

