

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136890.D
 Acq On : 03 Jan 2024 01:06
 Operator : CG\JU
 Sample : 05899-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-16-0-2D

Quant Time: Jan 03 02:08:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

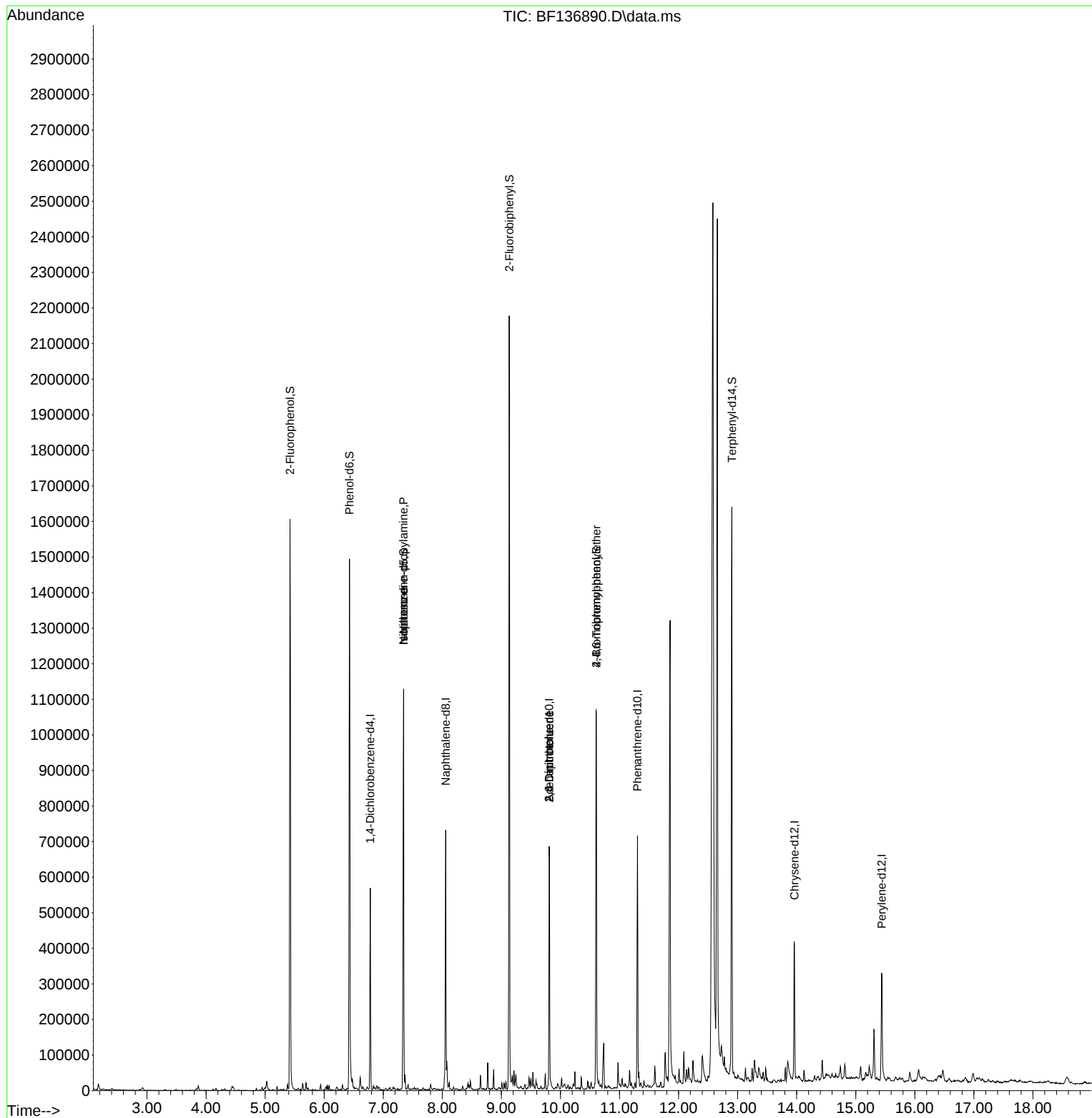
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75930	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	288808	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	145276	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	245836	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	139724	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	145141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	433637	89.108	ng	0.00
7) Phenol-d6	6.428	99	553130	87.719	ng	-0.01
23) Nitrobenzene-d5	7.345	82	343622	60.883	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	146034	85.353	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	683436	63.273	ng	-0.02
79) Terphenyl-d14	12.904	244	565656	56.575	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	45401	11.877	ng	# 70
25) Isophorone	7.345	82	342574	33.357	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	18155	7.539	ng	# 31
57) 2,4-Dinitrotoluene	9.810	165	18155	5.807	ng	# 22
67) 4-Bromophenyl-phenylether	10.610	248	8780	3.216	ng	# 1

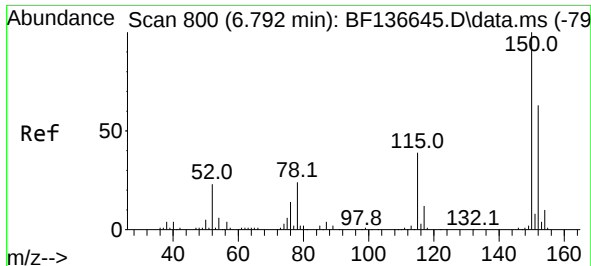
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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GHL-SS-16-0-2D

Quant Time: Jan 03 02:08:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

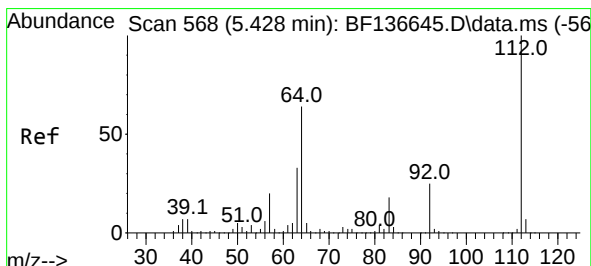
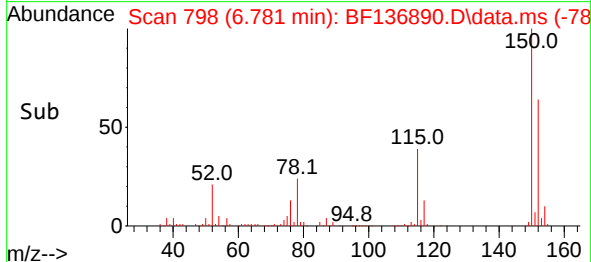
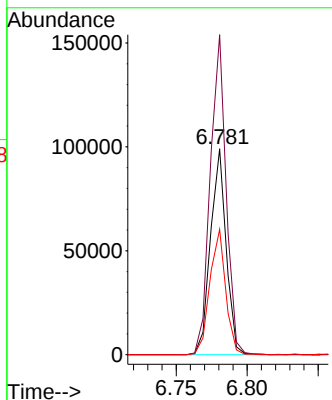
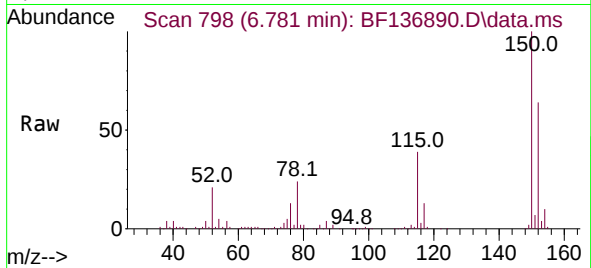




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

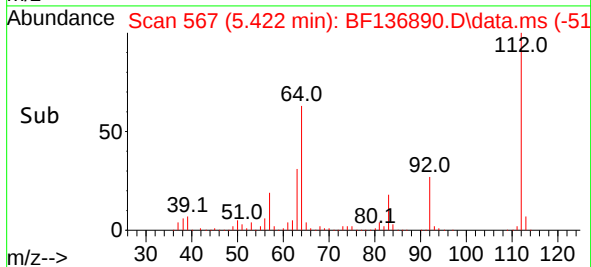
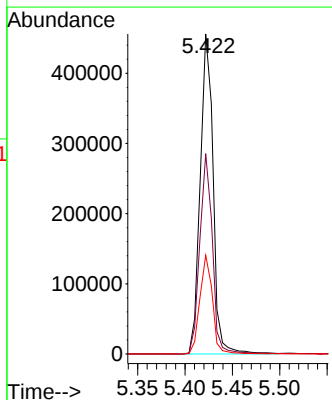
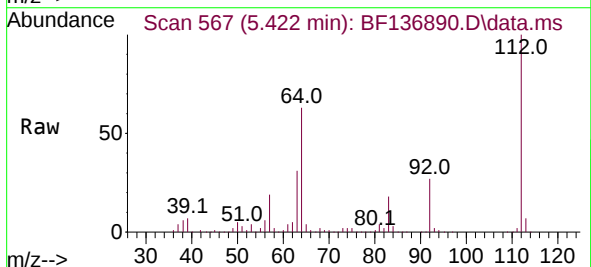
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

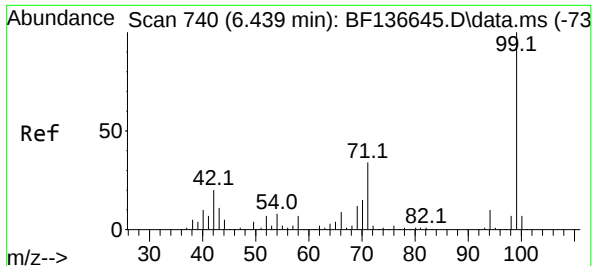
Tgt Ion:152 Resp: 75930
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 89.108 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion:112 Resp: 433637
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 30.9 26.1 39.1

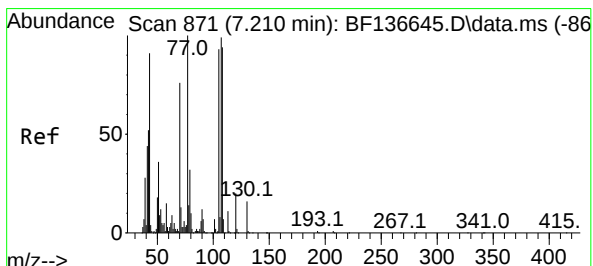
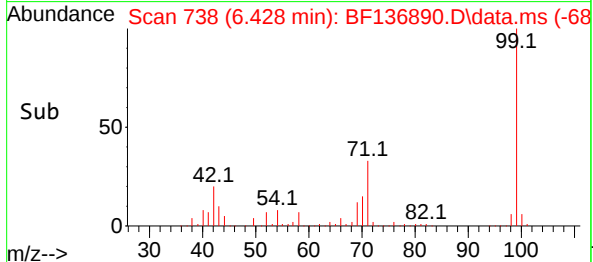
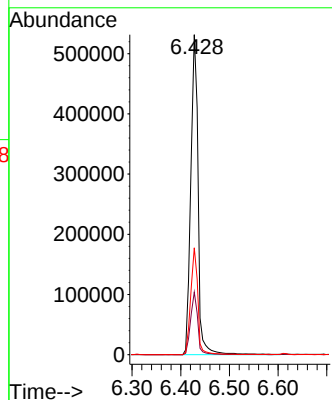
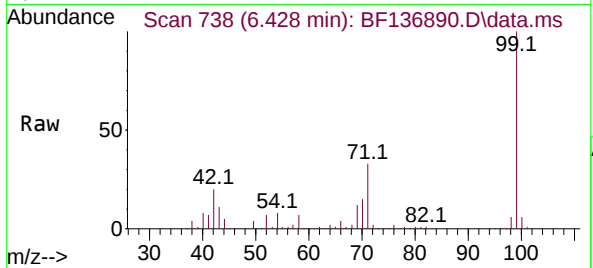




#7
Phenol-d6
Concen: 87.719 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

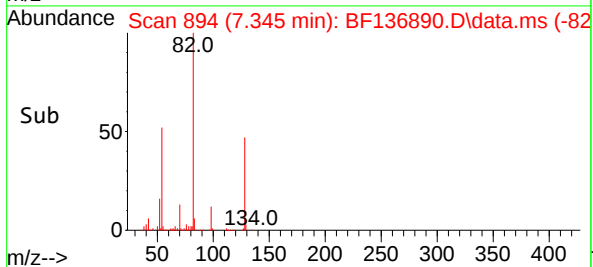
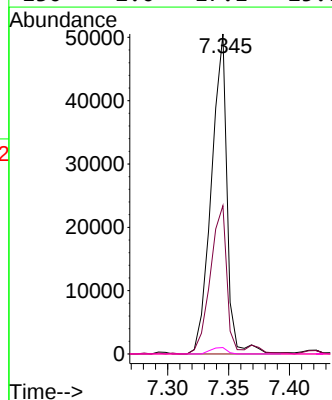
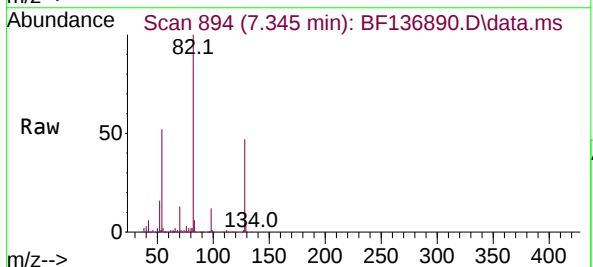
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

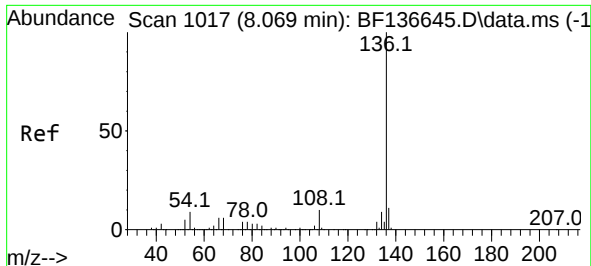
Tgt Ion: 99 Resp: 553130
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.877 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion: 70 Resp: 45401
Ion Ratio Lower Upper
70 100
42 46.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



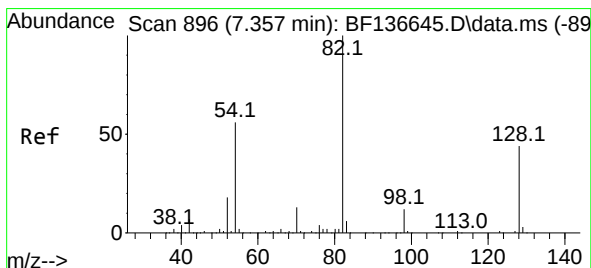
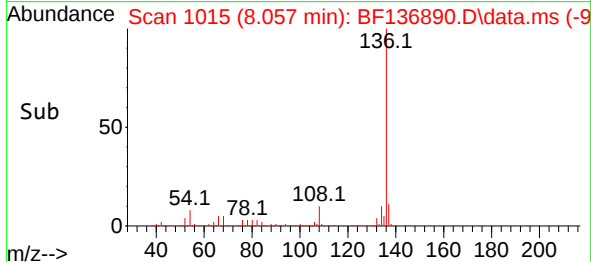
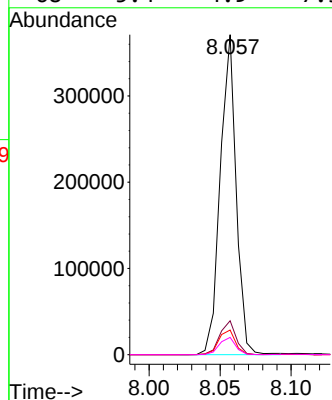
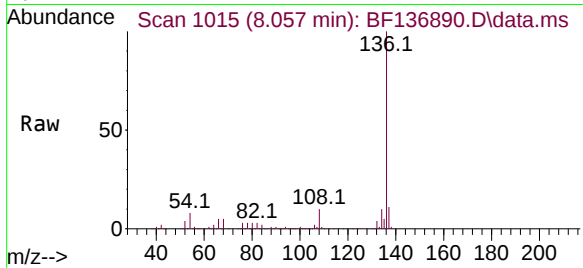


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

Tgt Ion:136 Resp: 288808

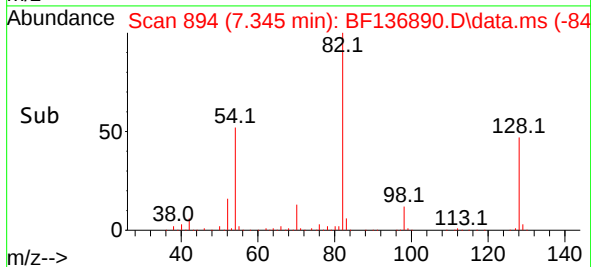
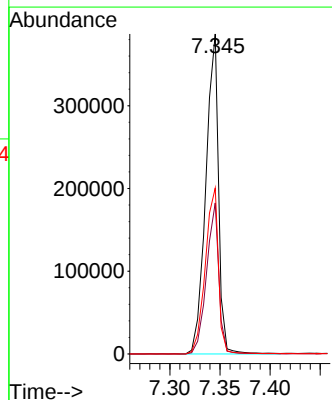
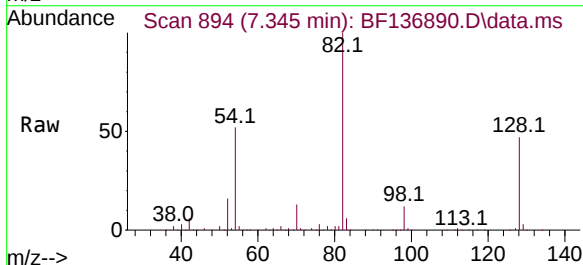
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.7	7.2	10.8
68	5.4	4.9	7.3

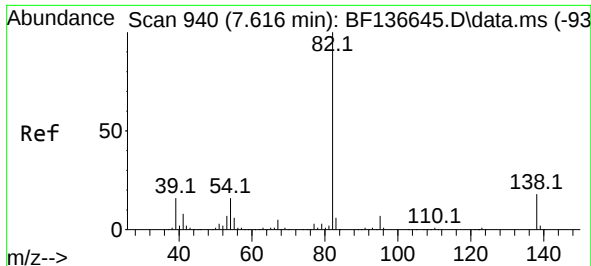


#23
Nitrobenzene-d5
Concen: 60.883 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion: 82 Resp: 343622

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.3	52.9
54	51.8	44.5	66.7

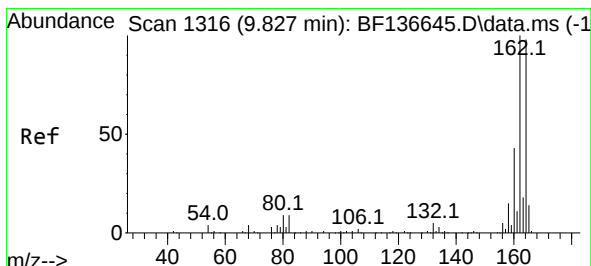
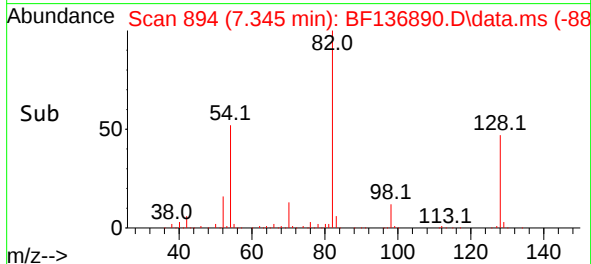
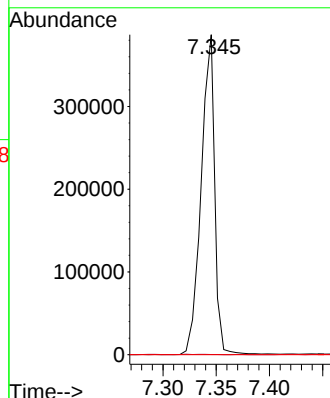
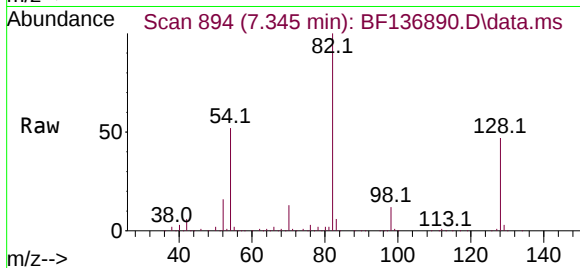




#25
Isophorone
Concen: 33.357 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

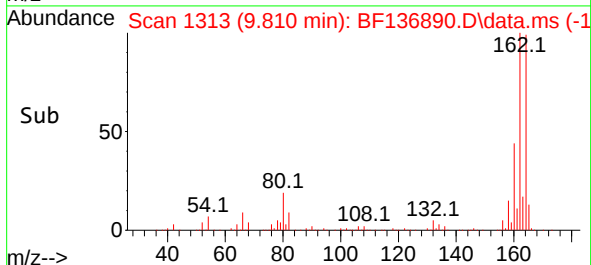
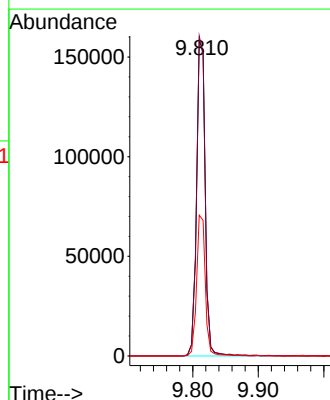
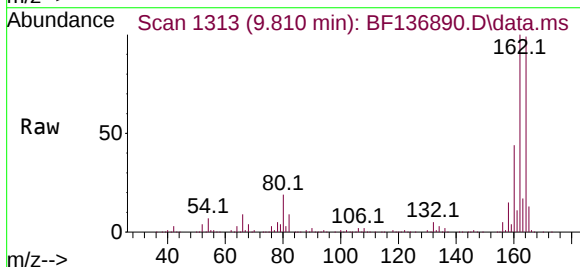
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

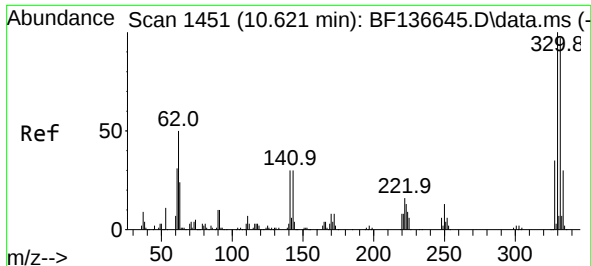
Tgt Ion: 82 Resp: 342574
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion:164 Resp: 145276
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.6 34.9 52.3

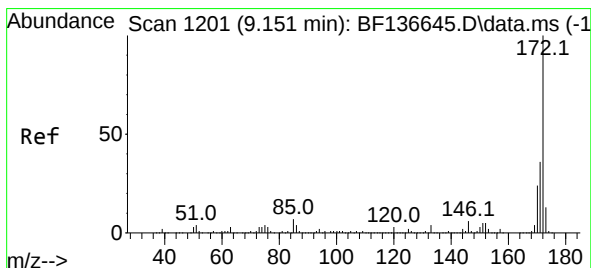
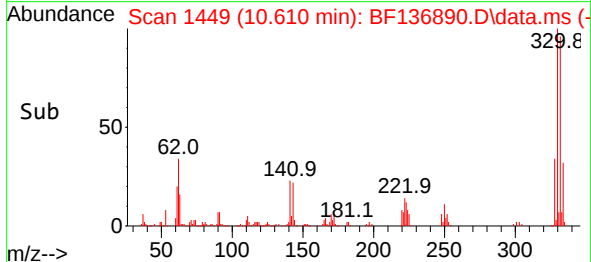
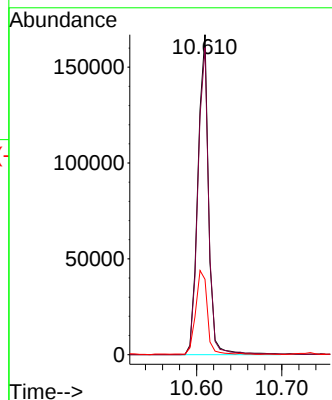
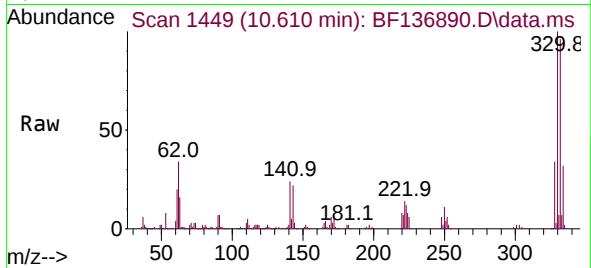




#42
2,4,6-Tribromophenol
Concen: 85.353 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

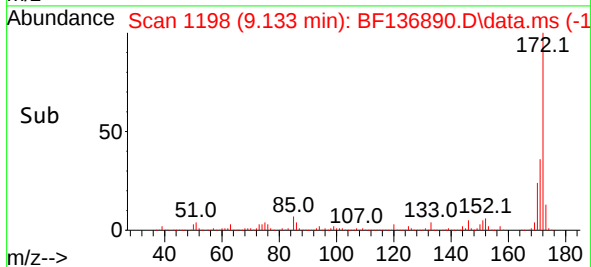
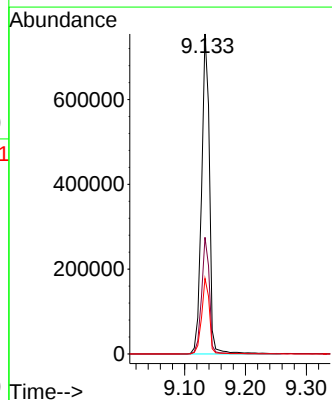
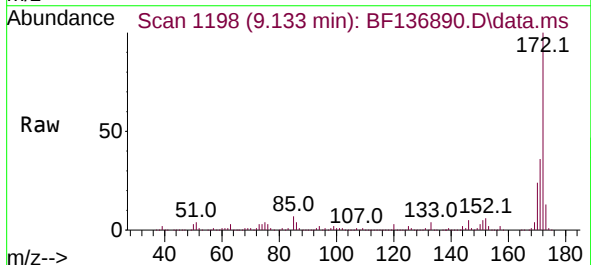
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

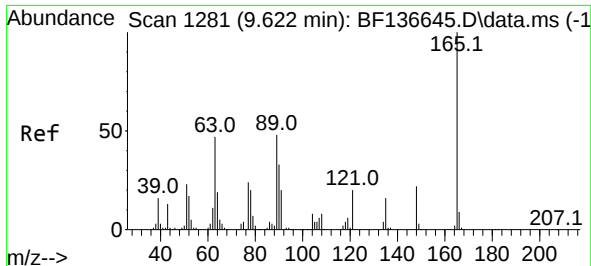
Tgt Ion:330 Resp: 146034
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 63.273 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion:172 Resp: 683436
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.6 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.539 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.188 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA_F

ClientSampleId :

GHL-SS-16-0-2D

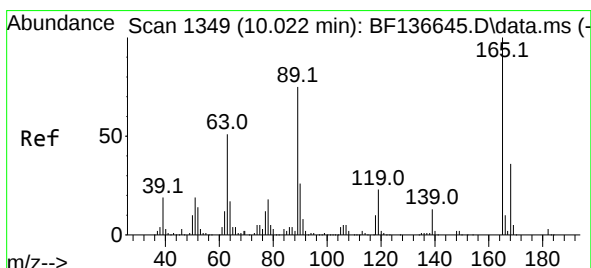
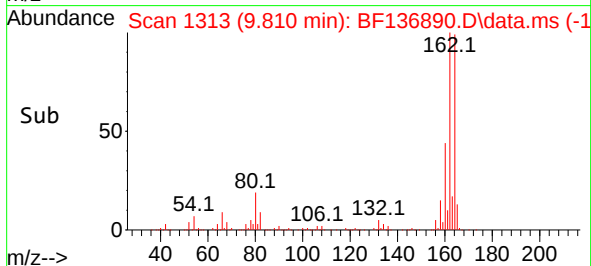
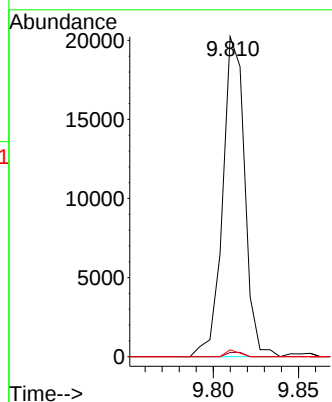
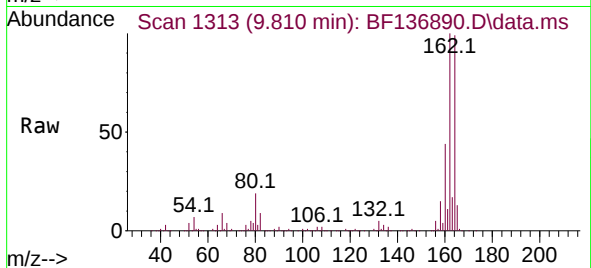
Tgt Ion:165 Resp: 18155

Ion Ratio Lower Upper

165 100

63 1.3 39.8 59.6#

89 2.1 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.807 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Tgt Ion:165 Resp: 18155

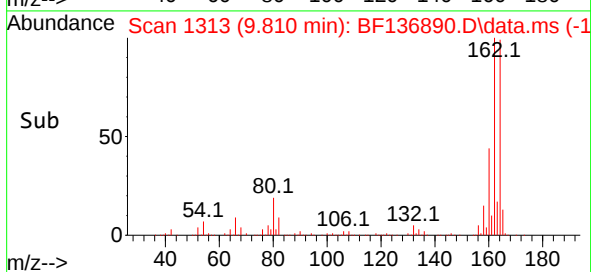
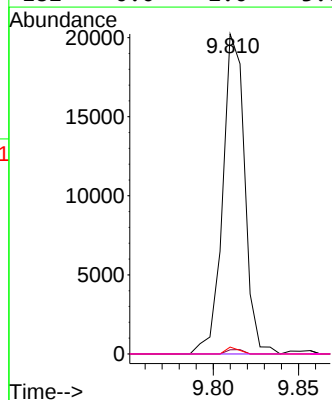
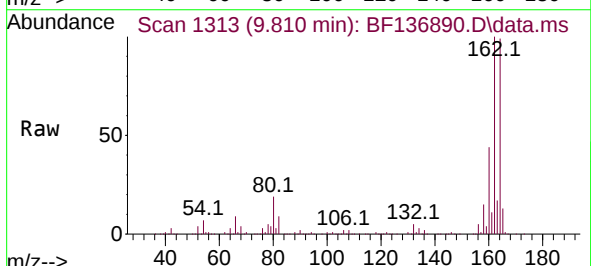
Ion Ratio Lower Upper

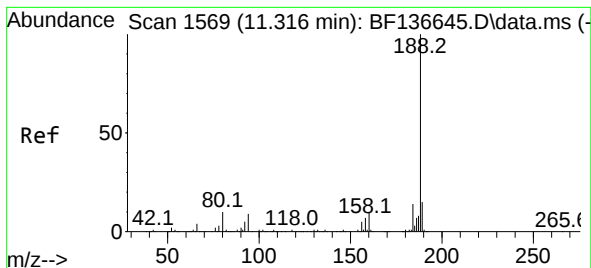
165 100

63 1.3 41.0 61.6#

89 2.1 59.9 89.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA_F

ClientSampleId :

GHL-SS-16-0-2D

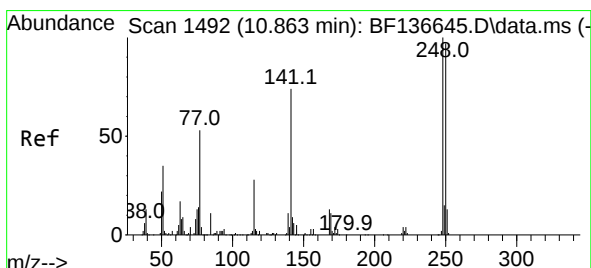
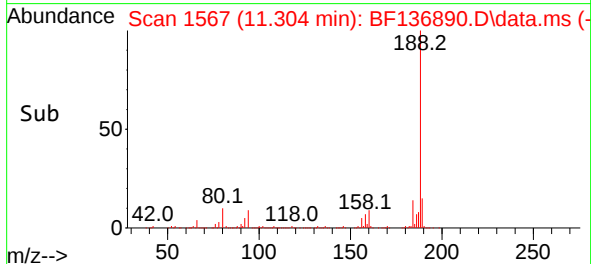
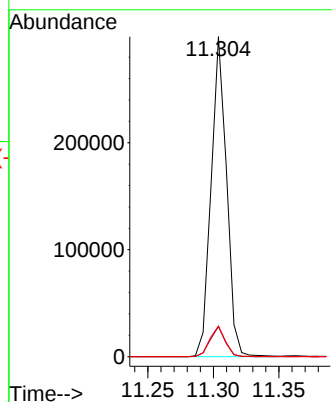
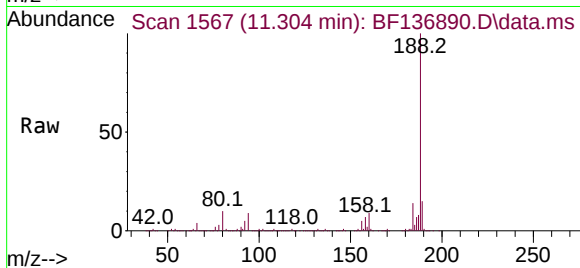
Tgt Ion:188 Resp: 245836

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.6 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.216 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

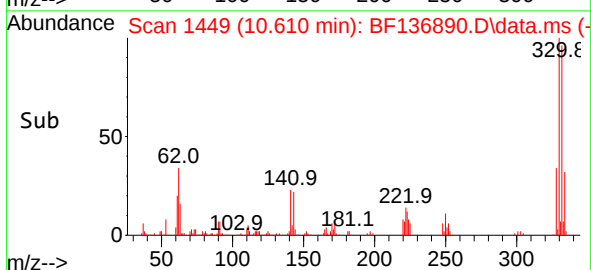
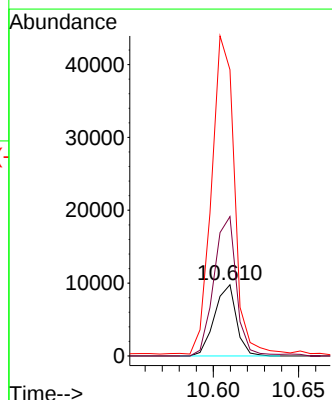
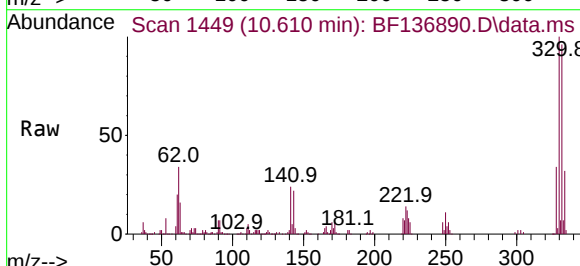
Tgt Ion:248 Resp: 8780

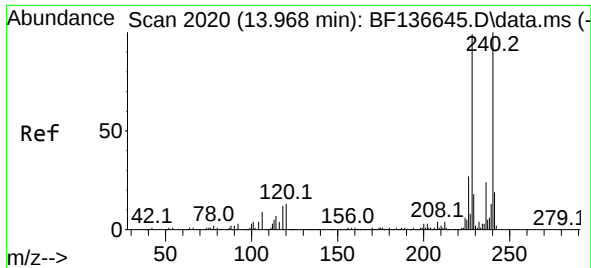
Ion Ratio Lower Upper

248 100

250 195.6 77.8 116.6#

141 401.7 59.2 88.8#

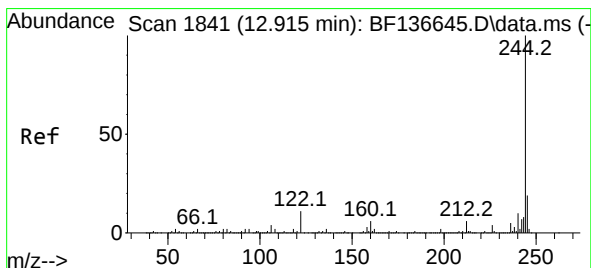
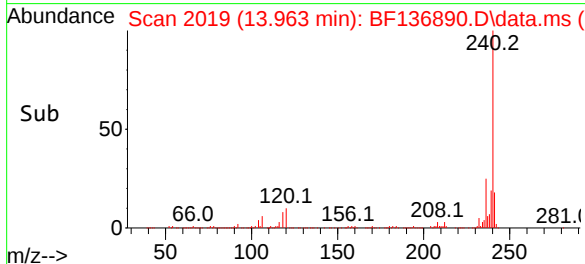
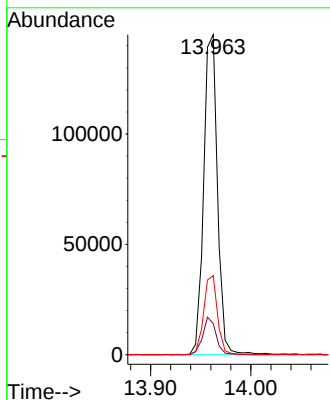
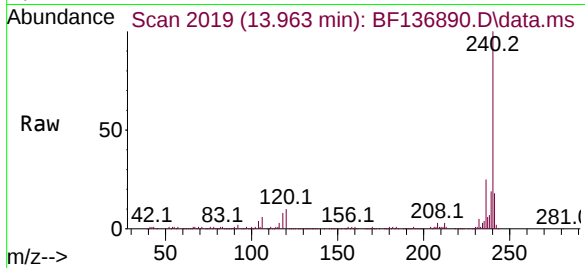




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

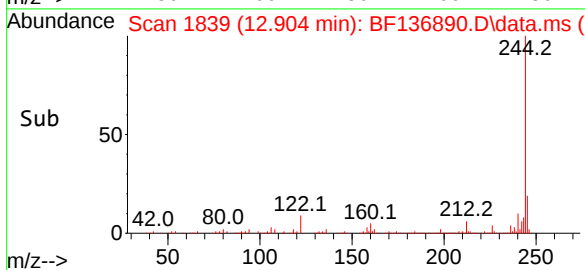
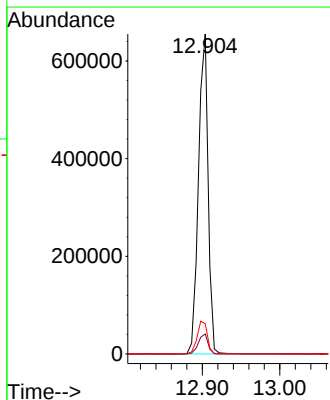
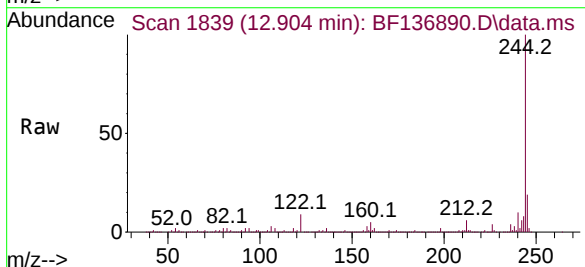
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2D

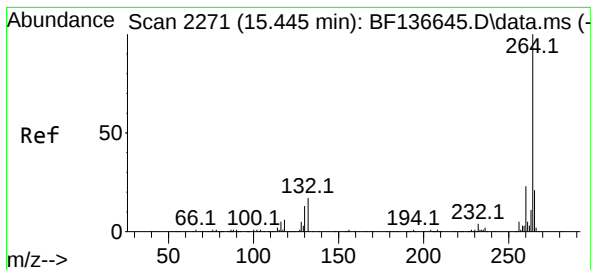
Tgt Ion:240 Resp: 139724
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 24.7 19.4 29.2



#79
Terphenyl-d14
Concen: 56.575 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136890.D
Acq: 03 Jan 2024 01:06

Tgt Ion:244 Resp: 565656
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.4 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136890.D

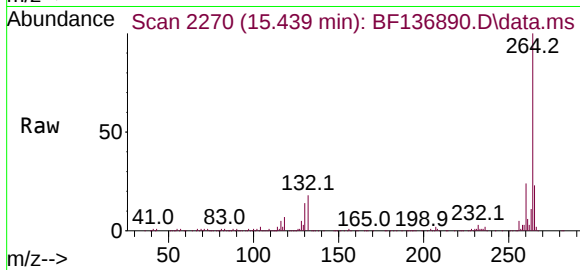
Acq: 03 Jan 2024 01:06

Instrument :

BNA_F

ClientSampleId :

GHL-SS-16-0-2D



Tgt Ion:264 Resp: 145141

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.5 17.0 25.6

