

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136897.D
 Acq On : 03 Jan 2024 04:46
 Operator : CG\JU
 Sample : 05909-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SD-46

Quant Time: Jan 03 05:22:24 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)

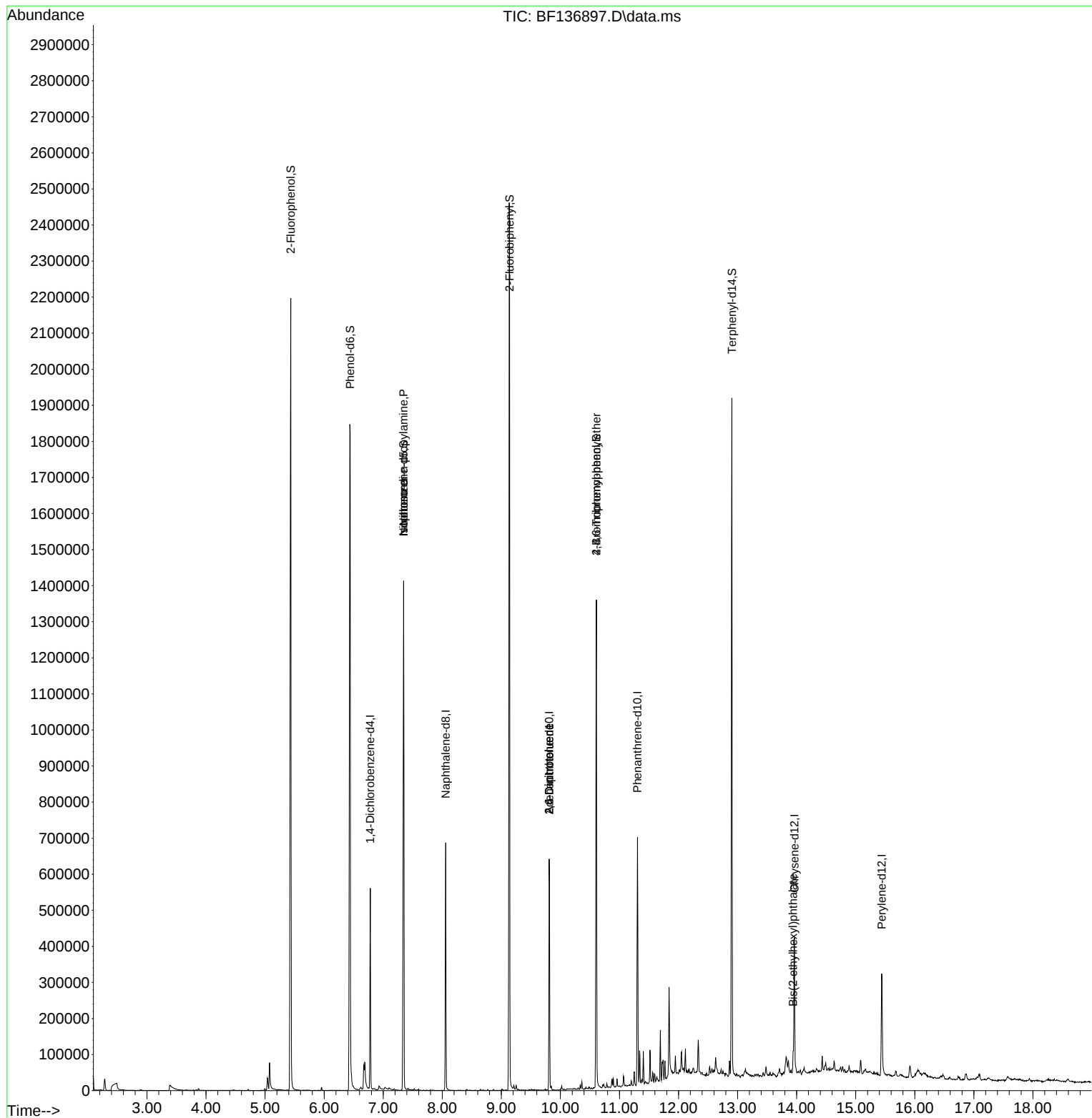
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73294	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276315	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	132606	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	209043	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	138929	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	136108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	622534	132.525	ng	0.00
7) Phenol-d6	6.440	99	780416	128.215	ng	0.00
23) Nitrobenzene-d5	7.346	82	476976	88.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	175698	112.502	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	848953	86.107	ng	-0.01
79) Terphenyl-d14	12.904	244	665959	66.988	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.346	70	62388	16.908	ng	# 75
25) Isophorone	7.346	82	476971	48.544	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	16564	7.535	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	16564	5.804	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10713	4.615	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.939	149	15484	2.480	ng	# 97

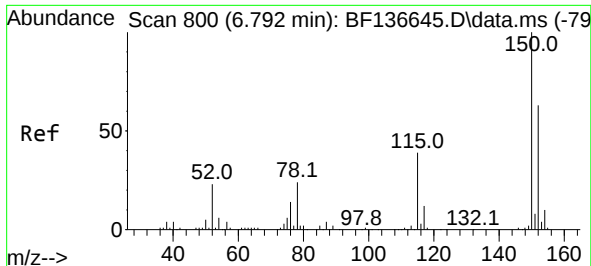
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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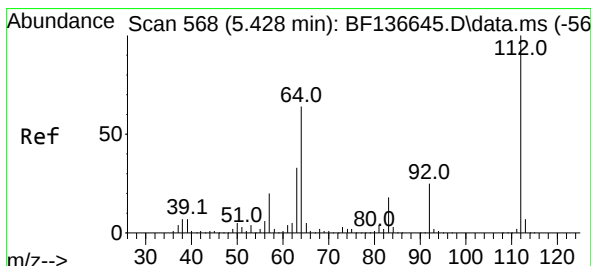
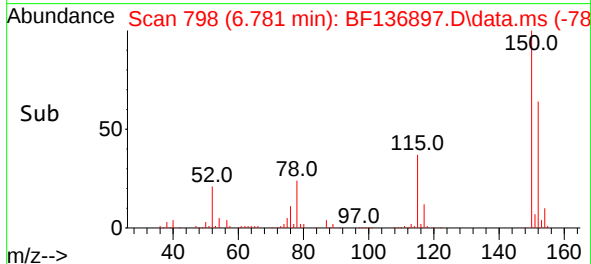
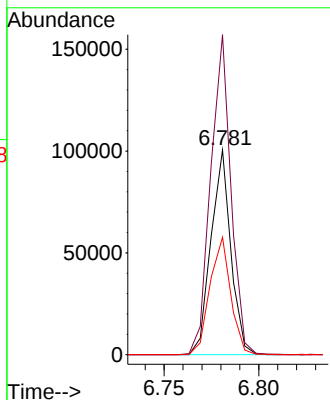
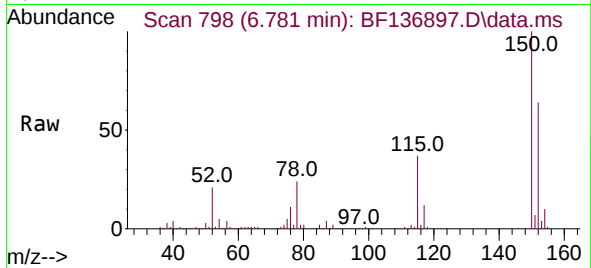




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

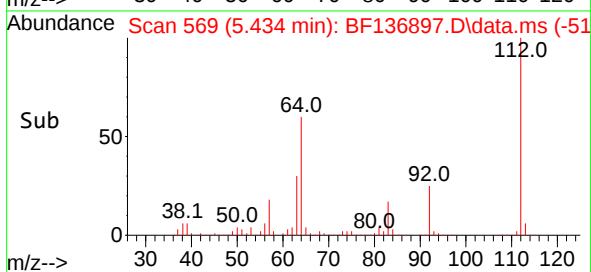
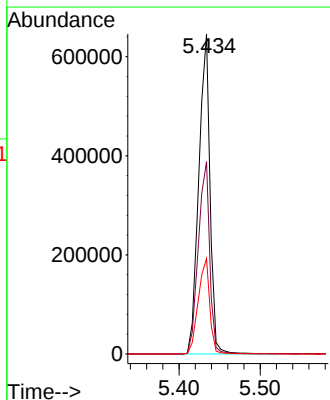
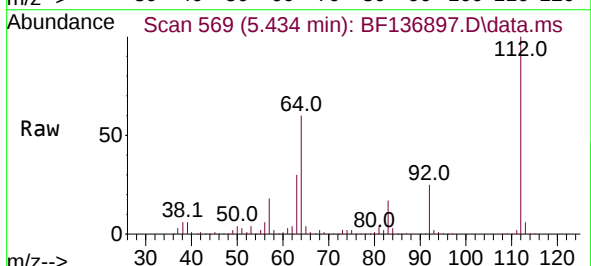
Instrument :
BNA_F
ClientSampleId :
GHL-SD-46

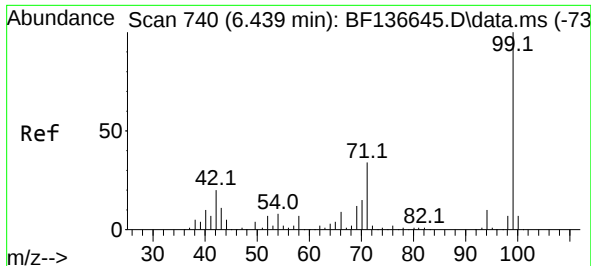
Tgt Ion:152 Resp: 73294
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 132.525 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Tgt Ion:112 Resp: 622534
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 29.8 26.1 39.1

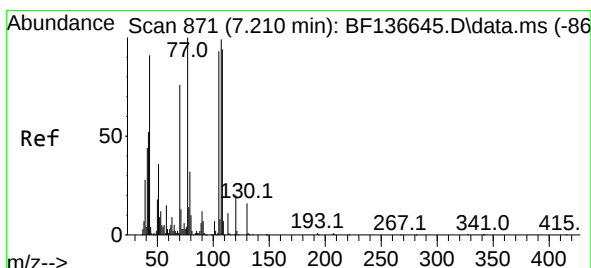
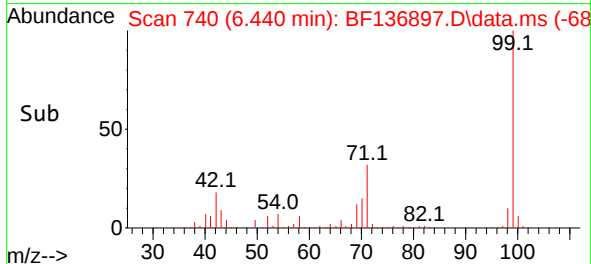
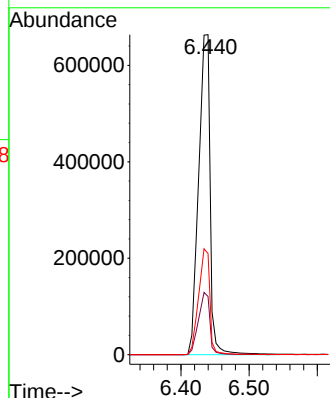
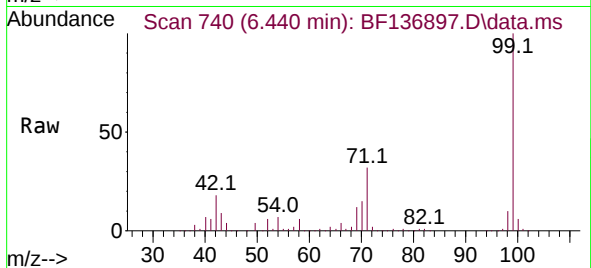




#7
Phenol-d6
Concen: 128.215 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

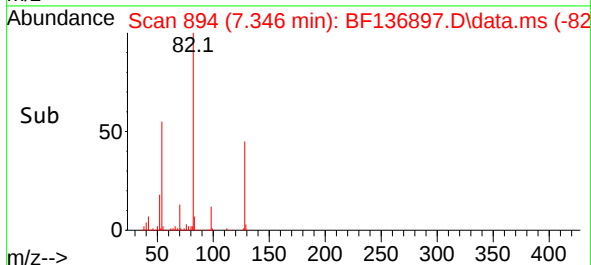
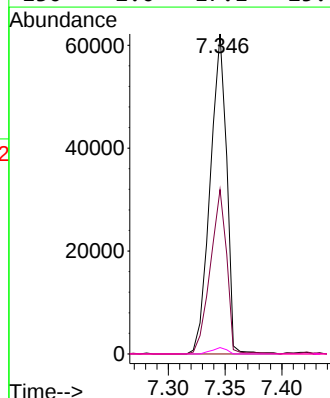
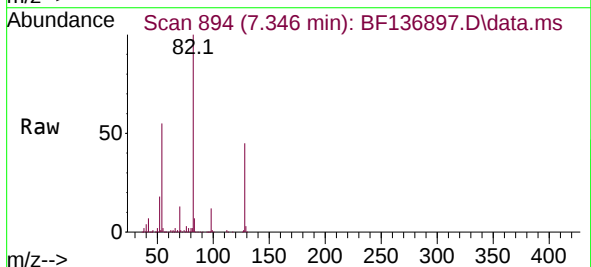
Instrument :
BNA_F
ClientSampleId :
GHL-SD-46

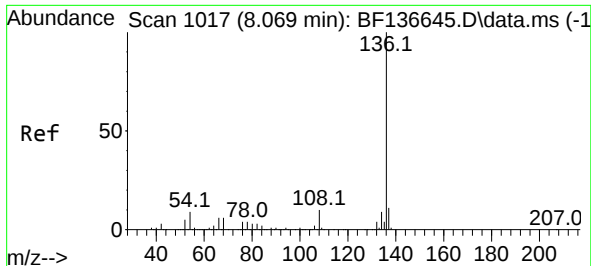
Tgt Ion: 99 Resp: 780416
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.908 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Tgt Ion: 70 Resp: 62388
Ion Ratio Lower Upper
70 100
42 51.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



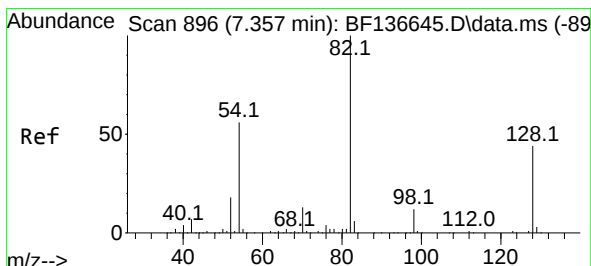
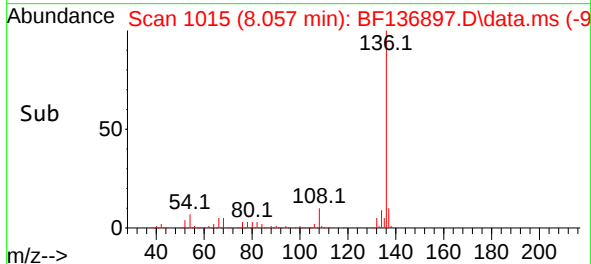
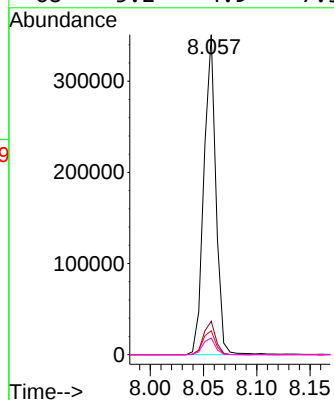
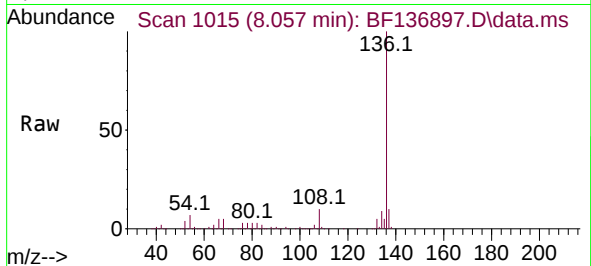


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Instrument :
BNA_F
ClientSampleId :
GHL-SD-46

Tgt Ion:136 Resp: 276315

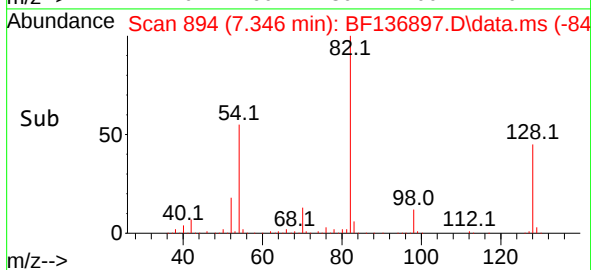
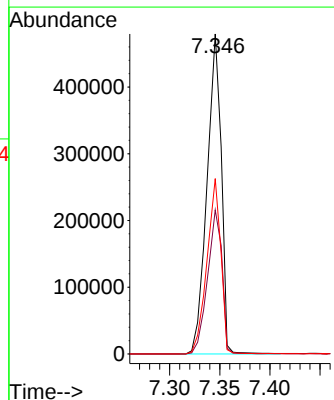
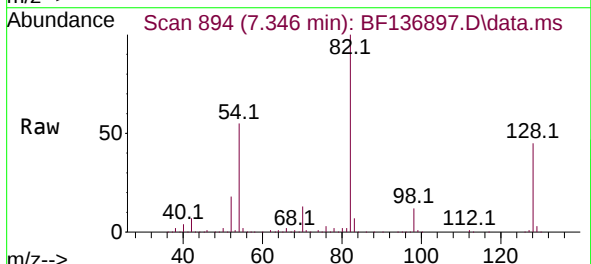
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.4	7.2	10.8
68	5.2	4.9	7.3

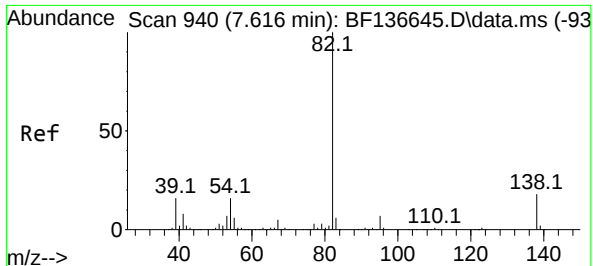


#23
Nitrobenzene-d5
Concen: 88.332 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Tgt Ion: 82 Resp: 476976

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.3	52.9
54	54.8	44.5	66.7

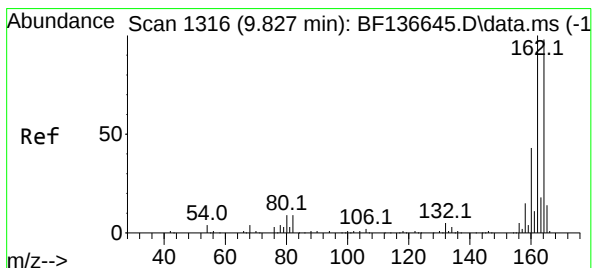
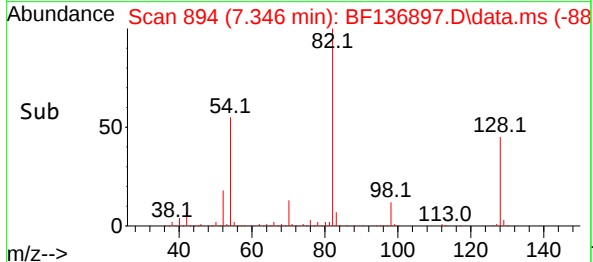
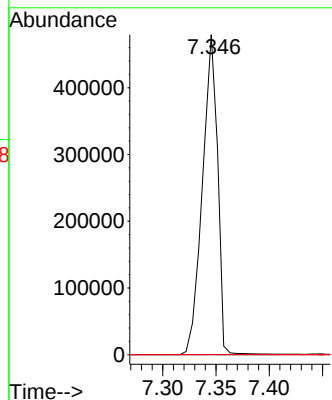
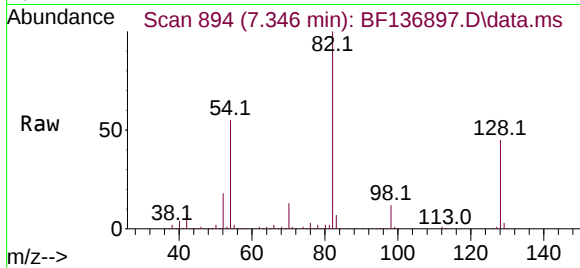




#25
Isophorone
Concen: 48.544 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

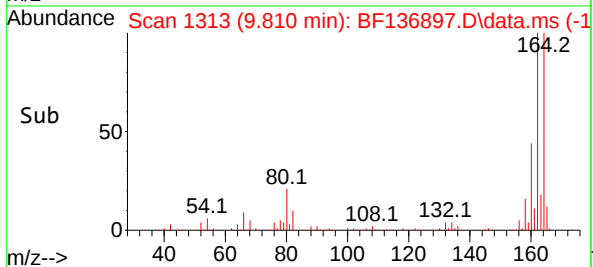
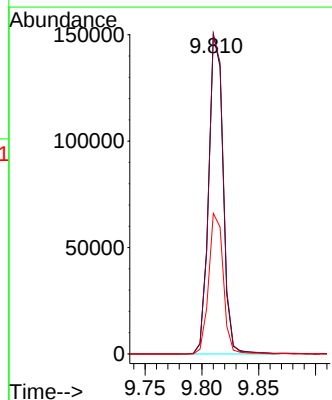
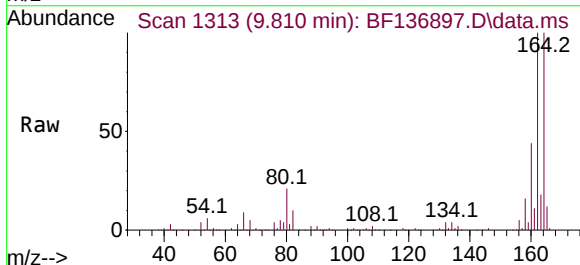
Instrument :
BNA_F
ClientSampleId :
GHL-SD-46

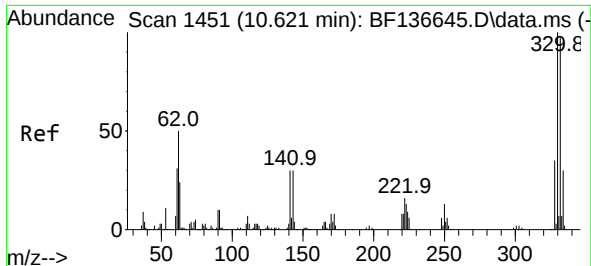
Tgt Ion: 82 Resp: 476971
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Tgt Ion: 164 Resp: 132606
Ion Ratio Lower Upper
164 100
162 99.8 81.6 122.4
160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 112.502 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

Instrument :

BNA_F

ClientSampleId :

GHL-SD-46

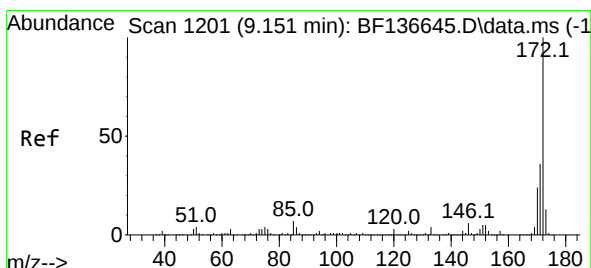
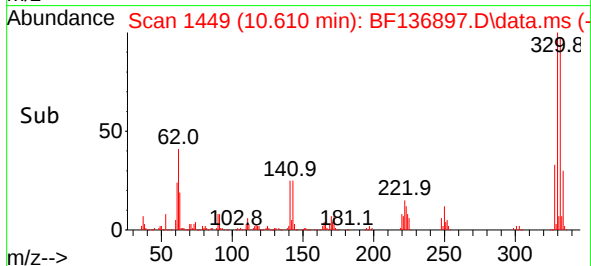
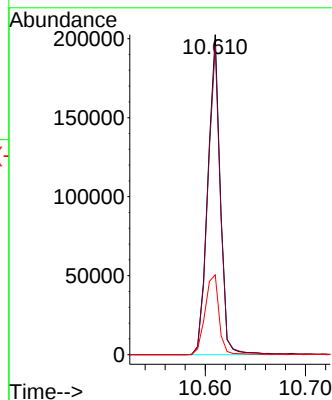
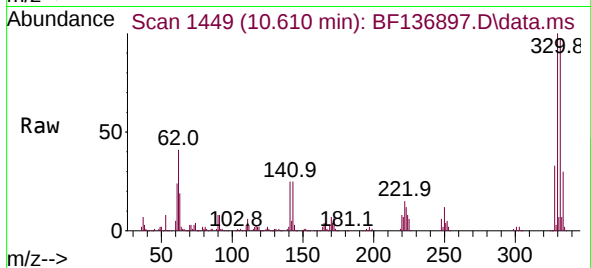
Tgt Ion:330 Resp: 175698

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.107 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

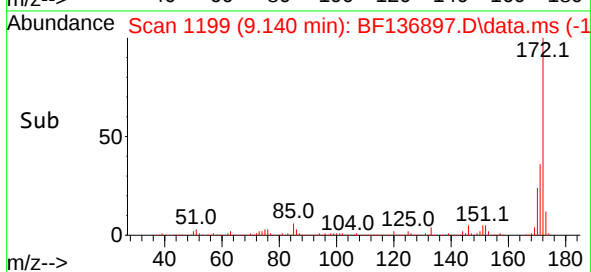
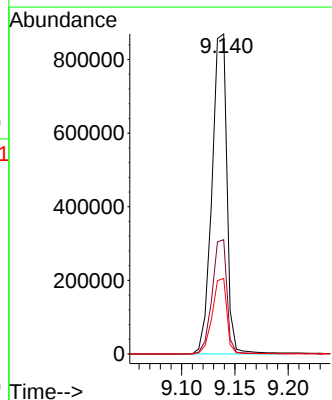
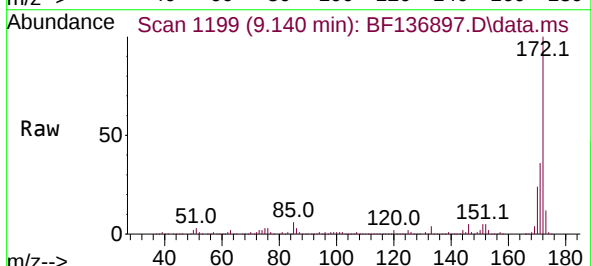
Tgt Ion:172 Resp: 848953

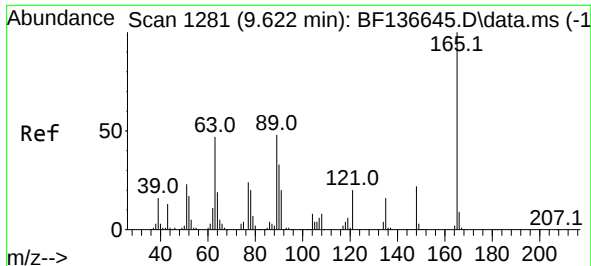
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.6 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.535 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

Instrument :

BNA_F

ClientSampleId :

GHL-SD-46

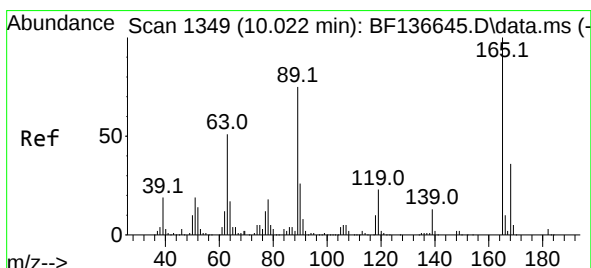
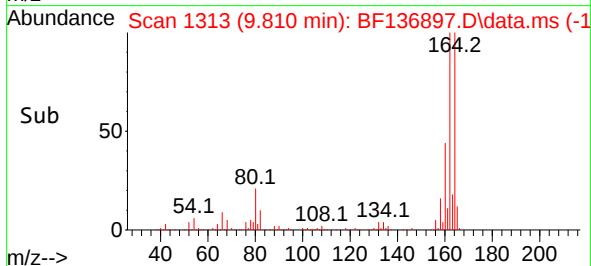
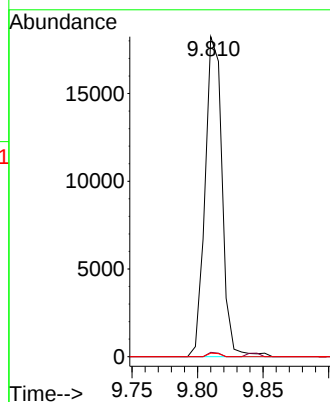
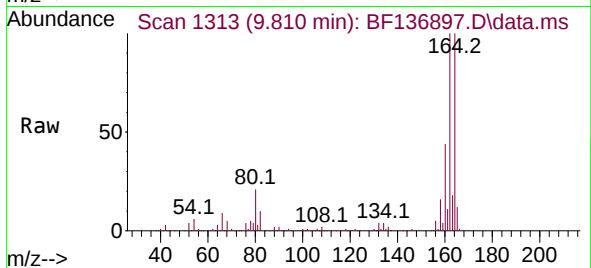
Tgt Ion:165 Resp: 16564

Ion Ratio Lower Upper

165 100

63 1.3 39.8 59.6#

89 1.1 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.804 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.211 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

Tgt Ion:165 Resp: 16564

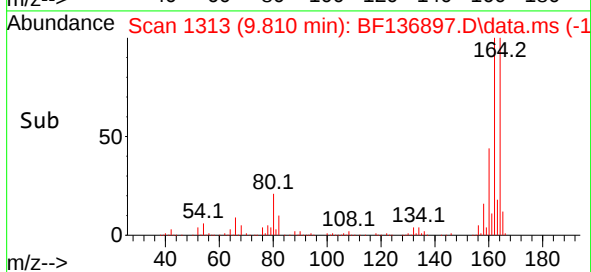
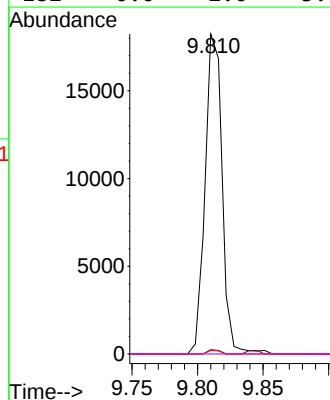
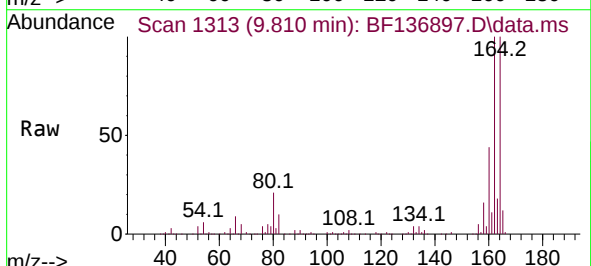
Ion Ratio Lower Upper

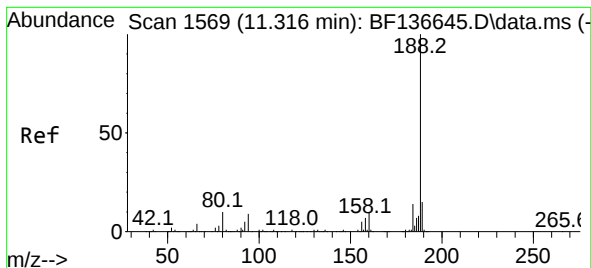
165 100

63 1.3 41.0 61.6#

89 1.1 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. -0.011 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

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GHL-SD-46

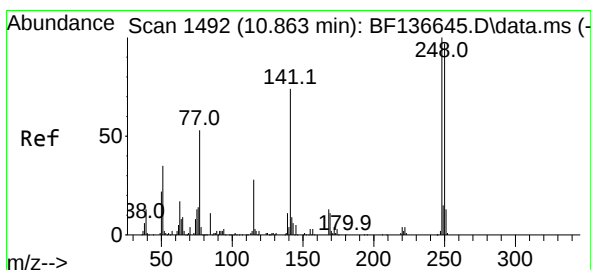
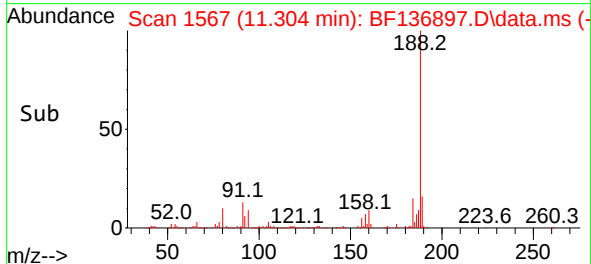
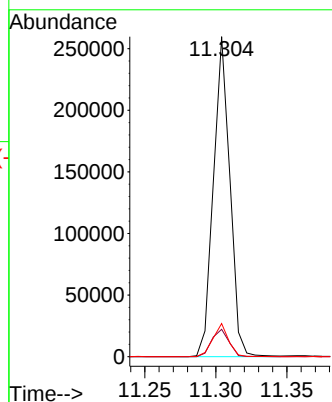
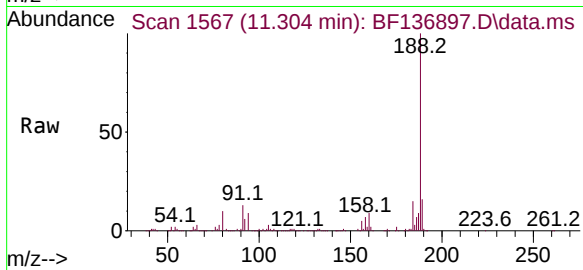
Tgt Ion:188 Resp: 209043

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 10.4 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.615 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

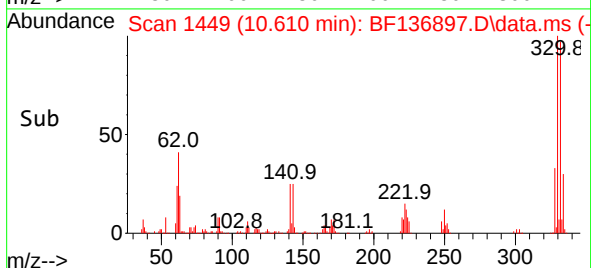
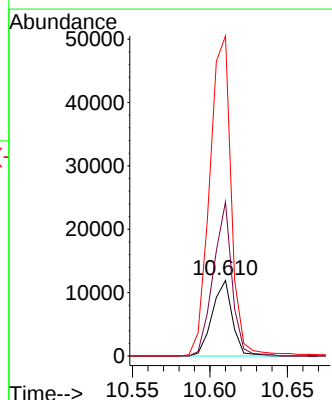
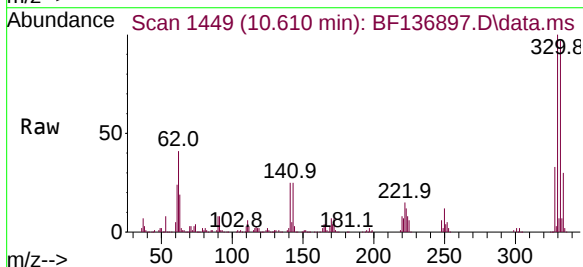
Tgt Ion:248 Resp: 10713

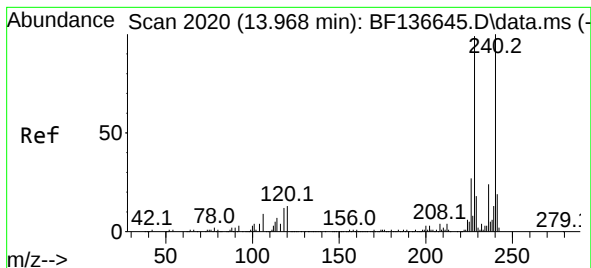
Ion Ratio Lower Upper

248 100

250 204.0 77.8 116.6#

141 423.4 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: BF136897.D

Acq: 03 Jan 2024 04:46

Instrument :

BNA_F

ClientSampleId :

GHL-SD-46

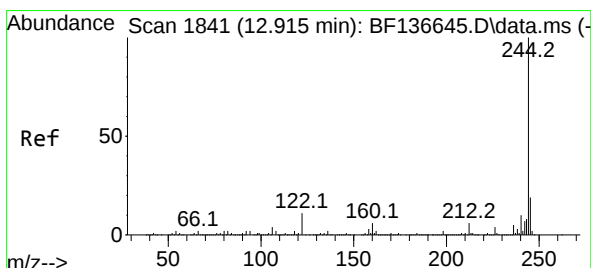
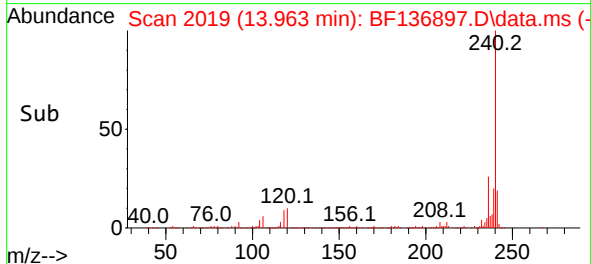
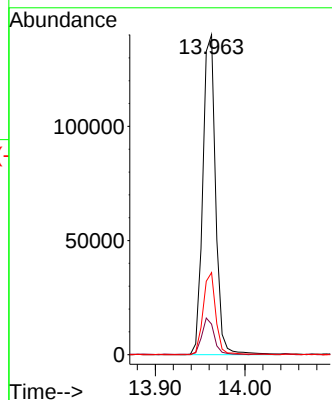
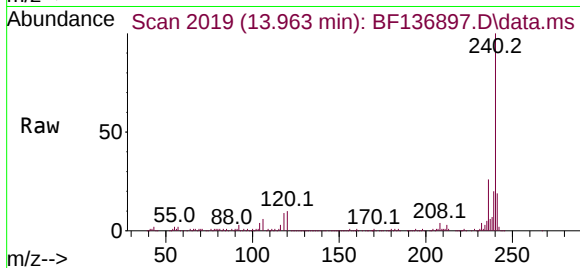
Tgt Ion:240 Resp: 138929

Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 25.6 19.4 29.2



#79

Terphenyl-d14

Concen: 66.988 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.011 min

Lab File: BF136897.D

Acq: 03 Jan 2024 04:46

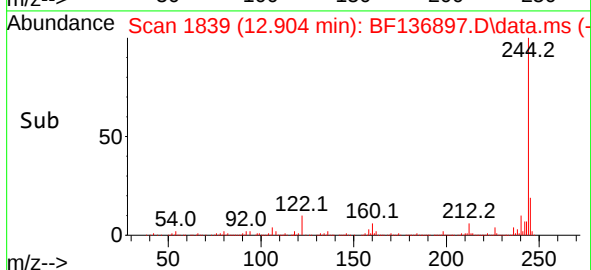
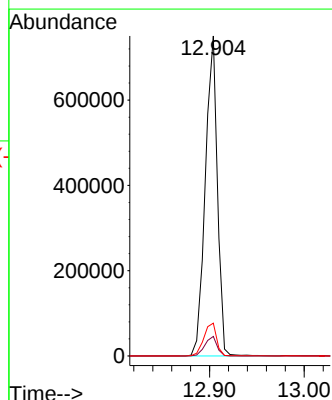
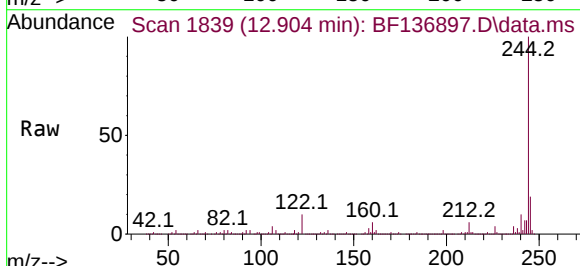
Tgt Ion:244 Resp: 665959

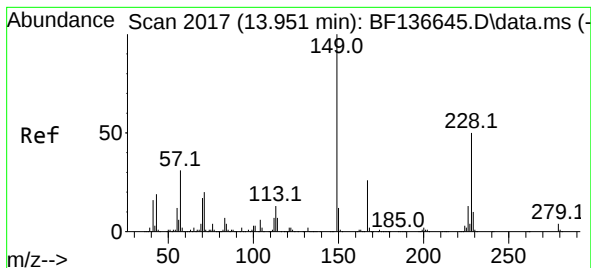
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.3 9.0 13.4

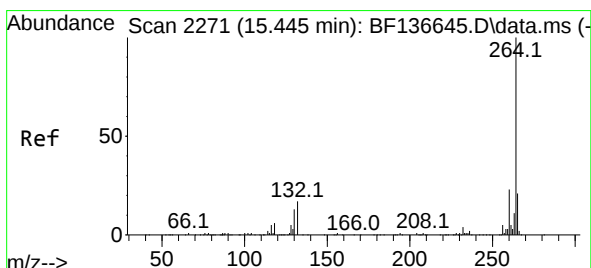
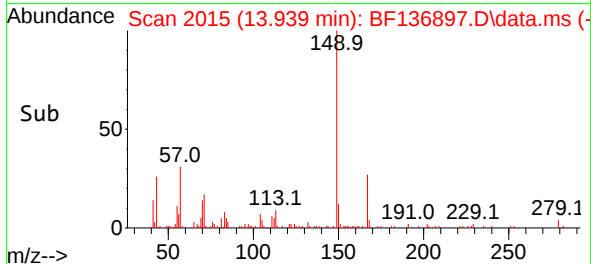
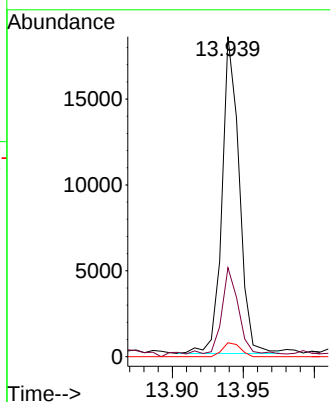
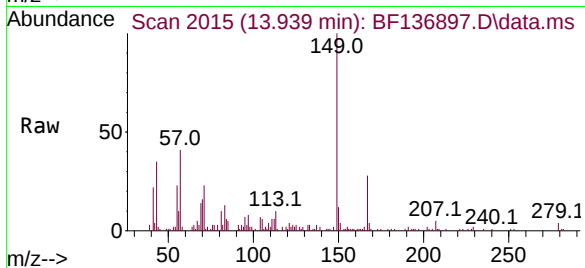




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.480 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.011 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Instrument :
BNA_F
ClientSampleId :
GHL-SD-46

Tgt Ion:149 Resp: 15484
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.3 2.9 4.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136897.D
Acq: 03 Jan 2024 04:46

Tgt Ion:264 Resp: 136108
Ion Ratio Lower Upper
264 100
260 22.0 18.3 27.5
265 20.8 17.0 25.6

