

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136834.D
 Acq On : 29 Dec 2023 17:44
 Operator : CG\JU
 Sample : 05897-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-36a

Quant Time: Dec 30 01:02:51 2023
 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)

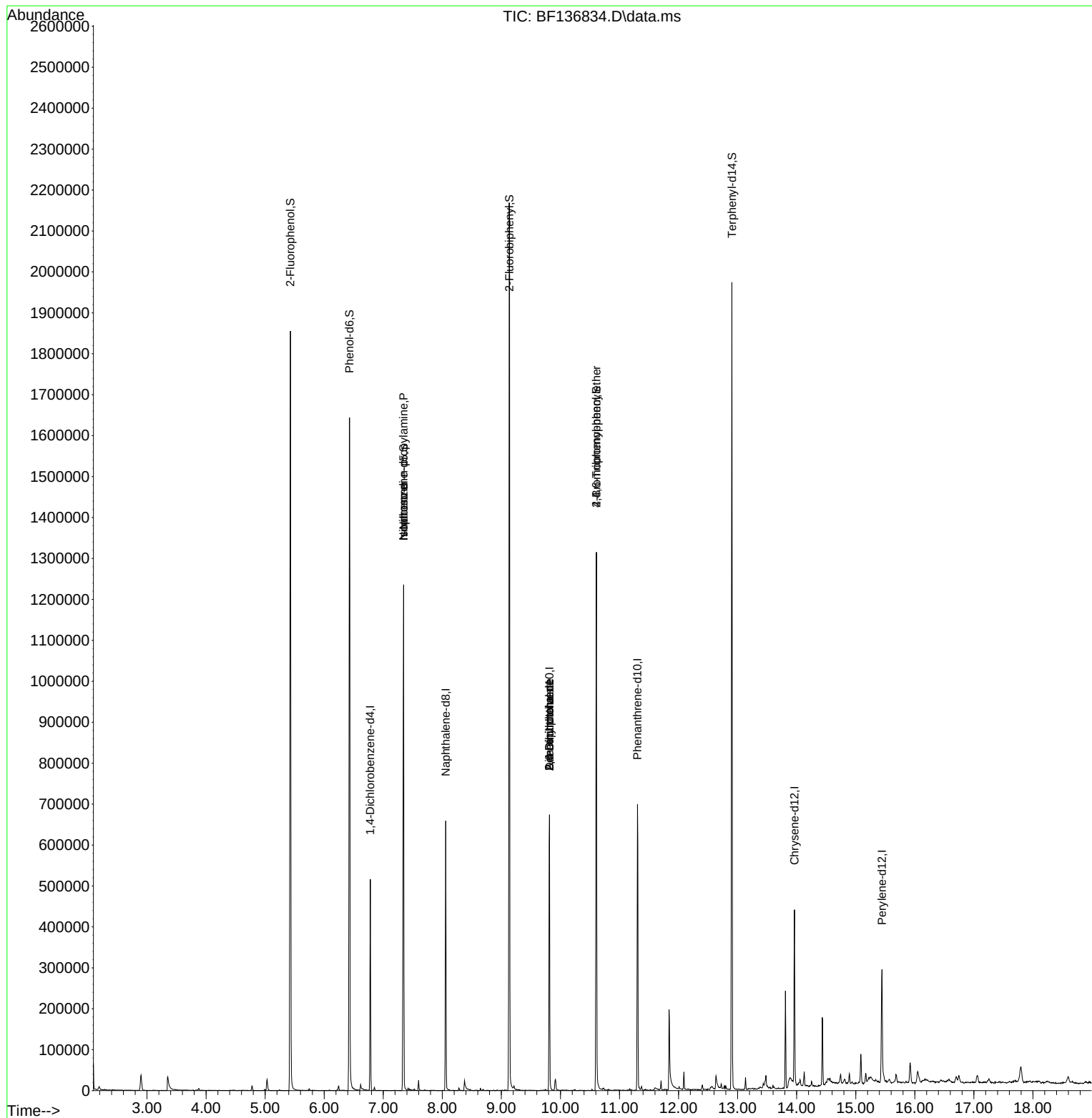
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69805	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	268116	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	138515	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	262503	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	144282	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	137306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	486336	108.706	ng	0.00
7) Phenol-d6	6.428	99	613111	105.763	ng	-0.01
23) Nitrobenzene-d5	7.345	82	381981	72.903	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	167265	102.533	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	728153	70.704	ng	-0.02
79) Terphenyl-d14	12.904	244	678514	65.719	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	49065	13.962	ng	# 72
25) Isophorone	7.345	82	380411	39.900	ng	# 65
50) Dimethylphthalate	9.816	163	27969	2.764	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17558	7.647	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17558	5.890	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9889	3.392	ng	# 1

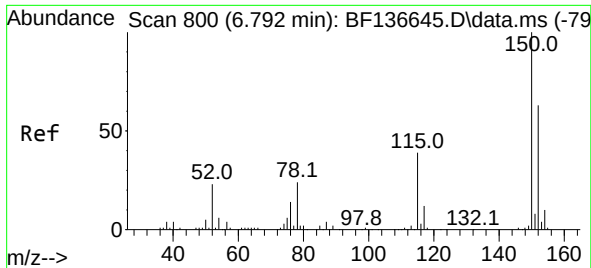
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136834.D
Acq On : 29 Dec 2023 17:44
Operator : CG\JU
Sample : 05897-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

Quant Time: Dec 30 01:02:51 2023
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

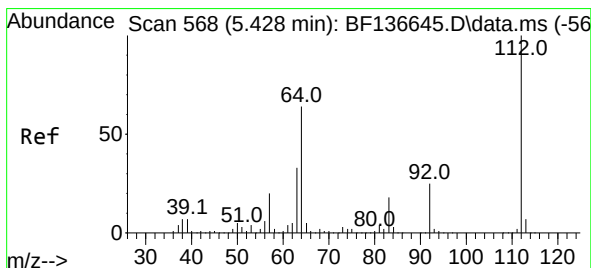
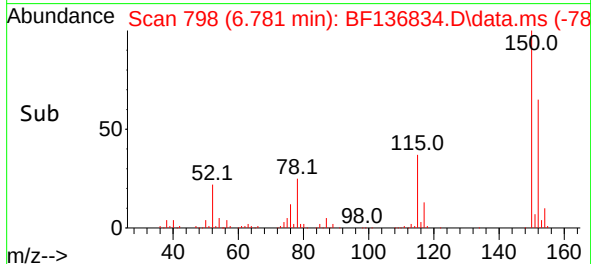
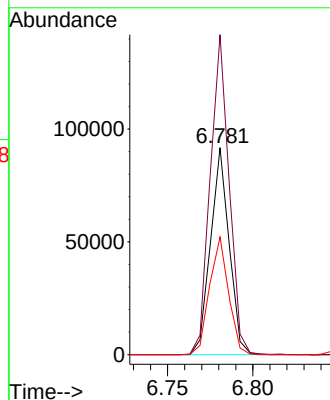
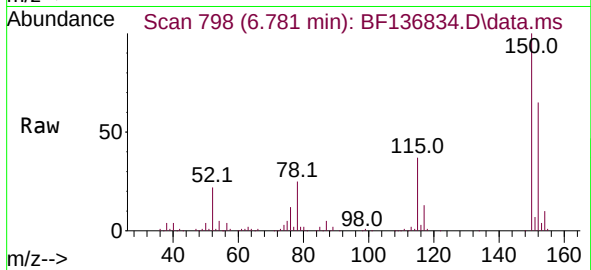




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

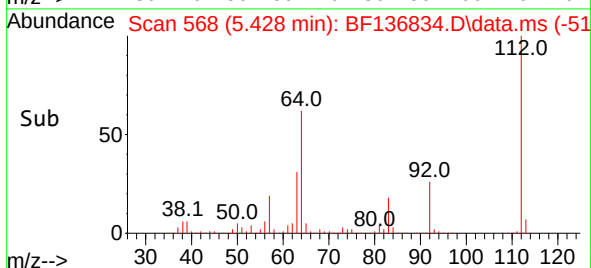
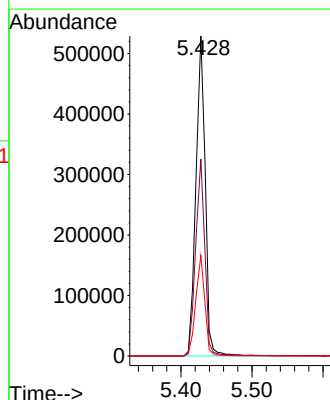
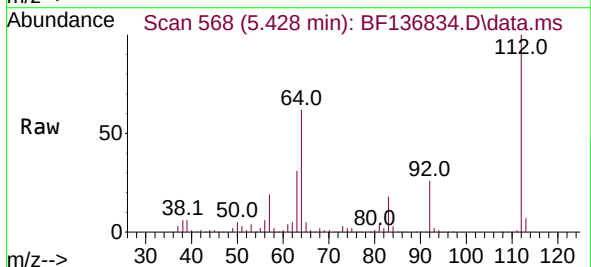
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

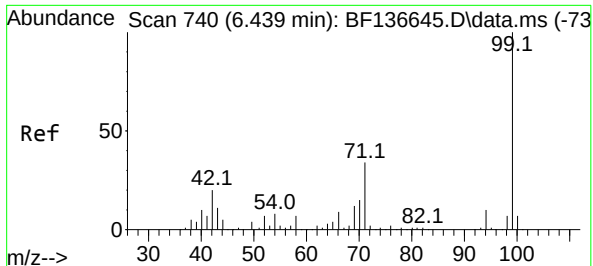
Tgt Ion:152 Resp: 69805
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 56.8 49.0 73.4



#5
2-Fluorophenol
Concen: 108.706 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:112 Resp: 486336
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.4 26.1 39.1

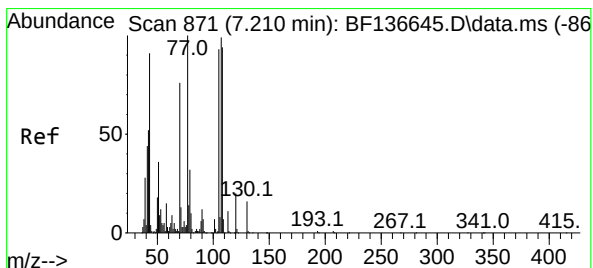
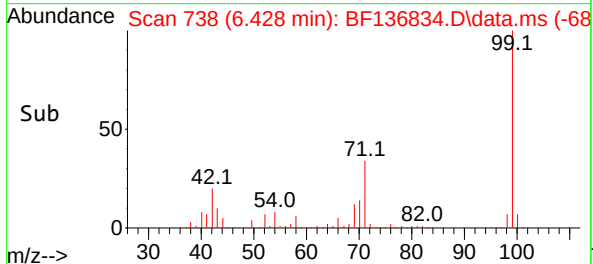
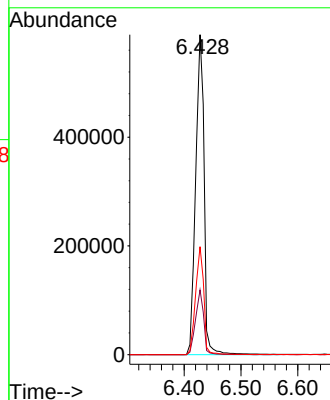
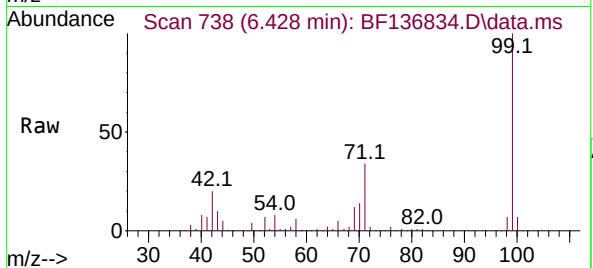




#7
Phenol-d6
Concen: 105.763 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

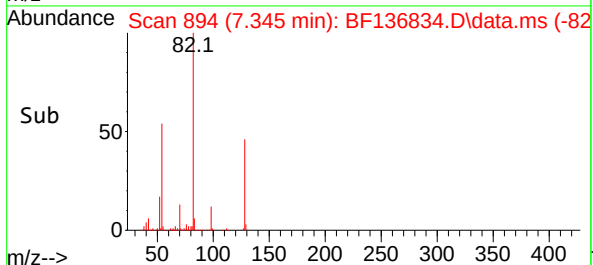
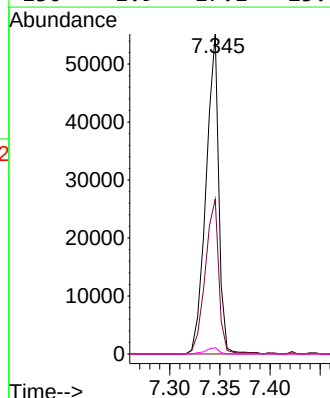
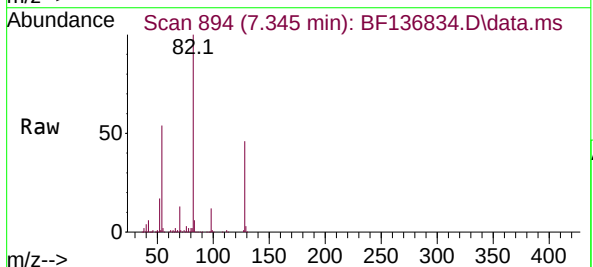
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

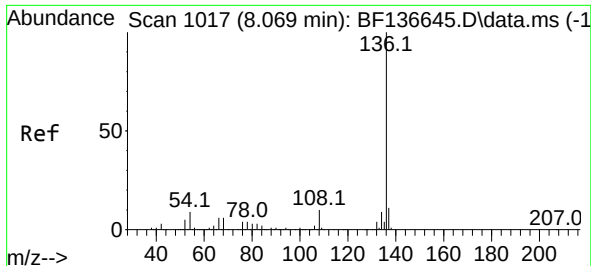
Tgt Ion: 99 Resp: 613111
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.962 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion: 70 Resp: 49065
Ion Ratio Lower Upper
70 100
42 48.3 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#



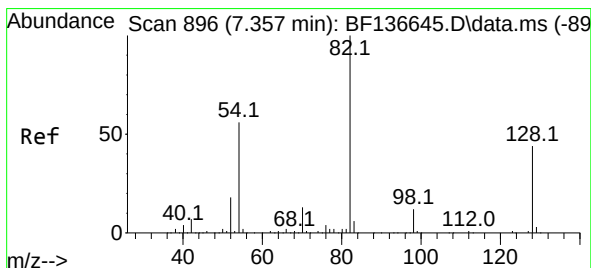
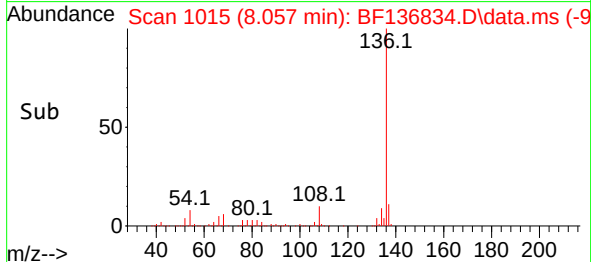
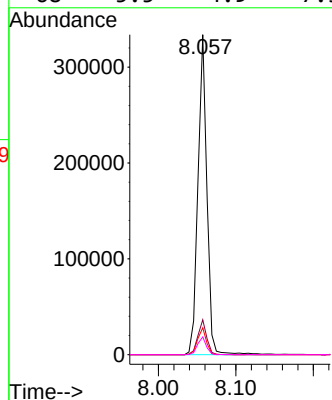
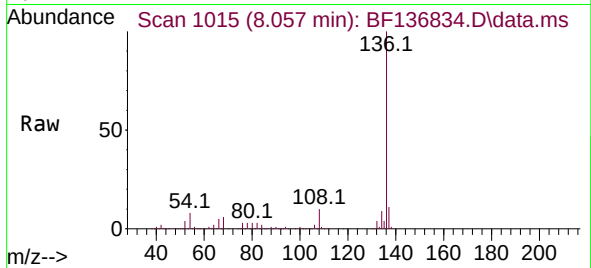


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

Tgt Ion:136 Resp: 268116

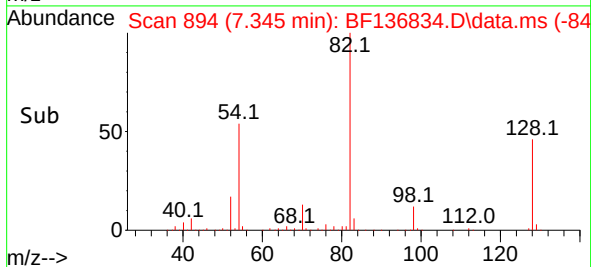
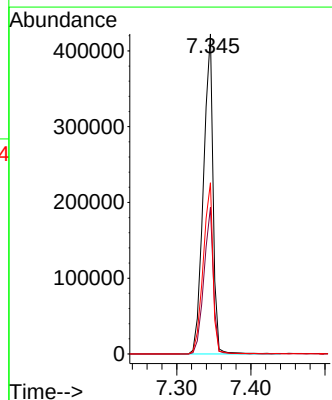
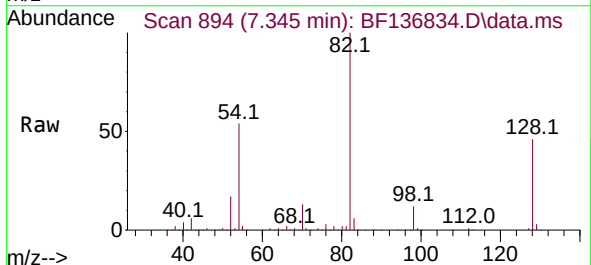
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.4	7.2	10.8
68	5.5	4.9	7.3

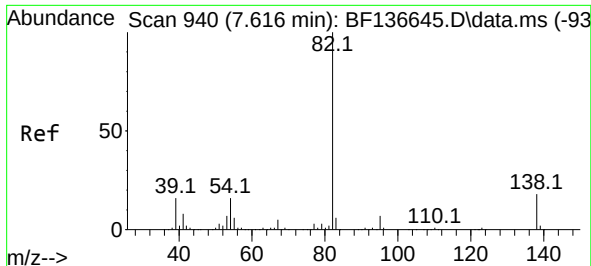


#23
Nitrobenzene-d5
Concen: 72.903 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion: 82 Resp: 381981

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.3	52.9
54	53.5	44.5	66.7

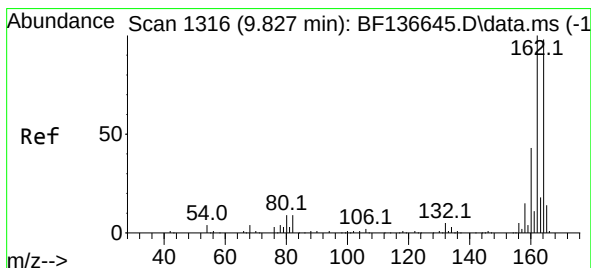
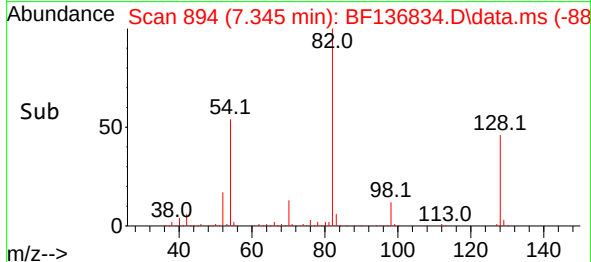
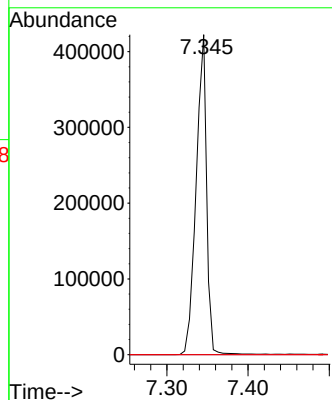
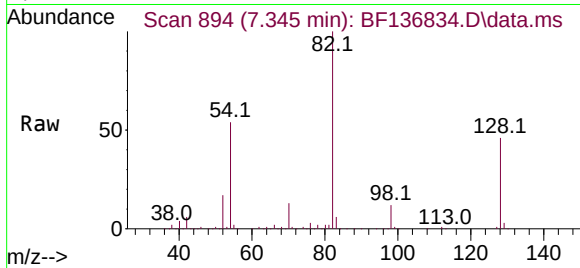




#25
Isophorone
Concen: 39.900 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

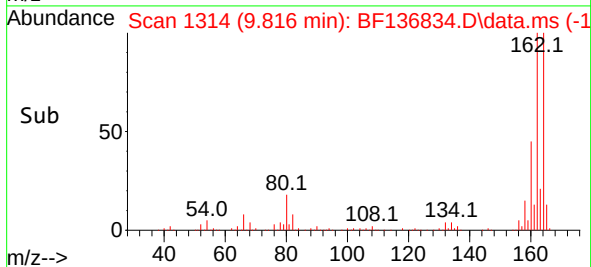
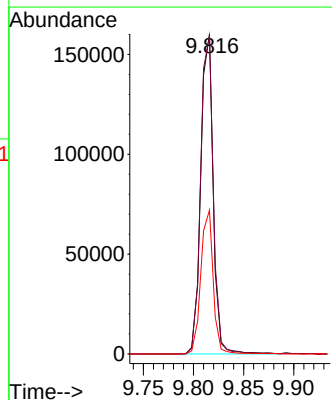
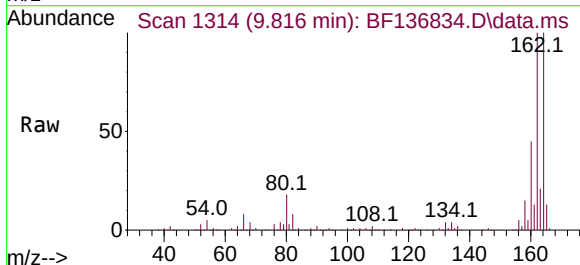
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

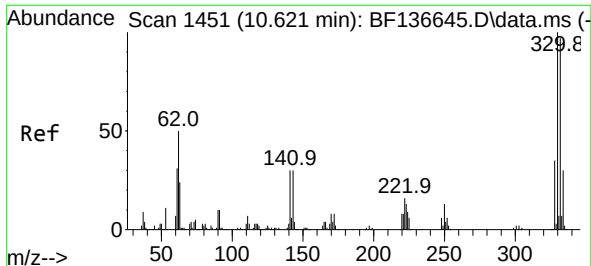
Tgt Ion: 82 Resp: 380411
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:164 Resp: 138515
Ion Ratio Lower Upper
164 100
162 99.5 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 102.533 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136834.D

Acq: 29 Dec 2023 17:44

Instrument :

BNA_F

ClientSampleId :

GHL-SS-36a

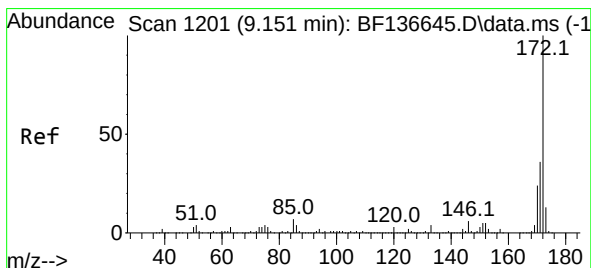
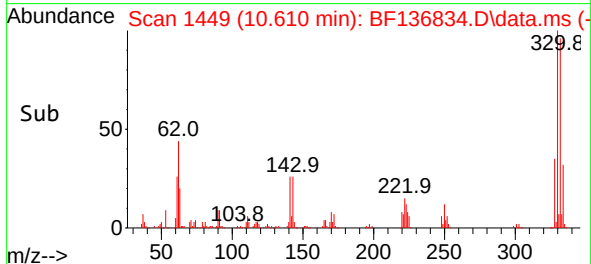
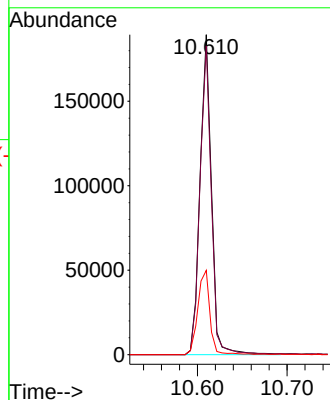
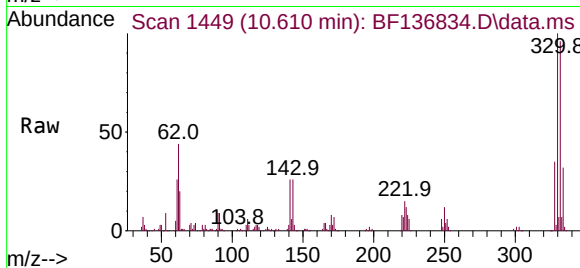
Tgt Ion:330 Resp: 167265

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 70.704 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136834.D

Acq: 29 Dec 2023 17:44

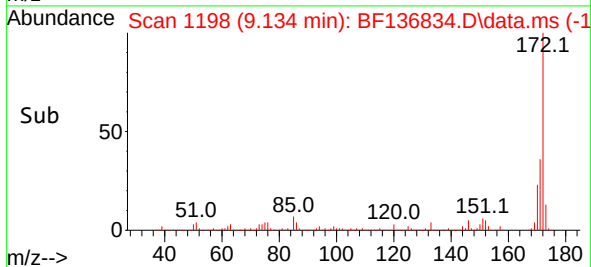
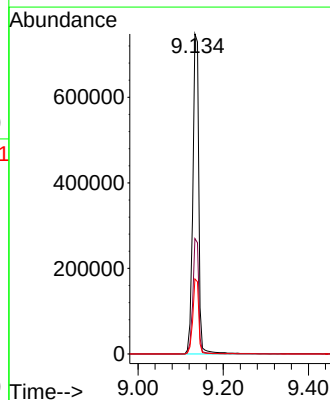
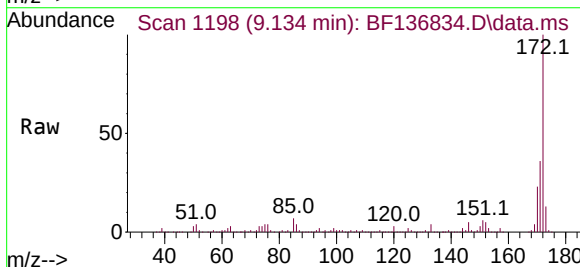
Tgt Ion:172 Resp: 728153

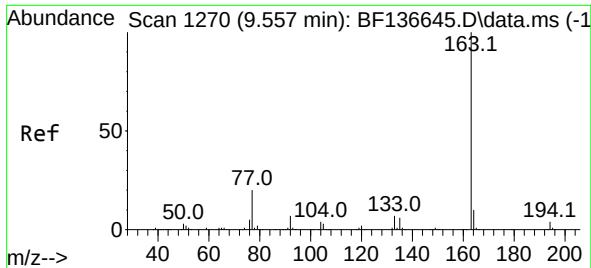
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.5 19.0 28.4

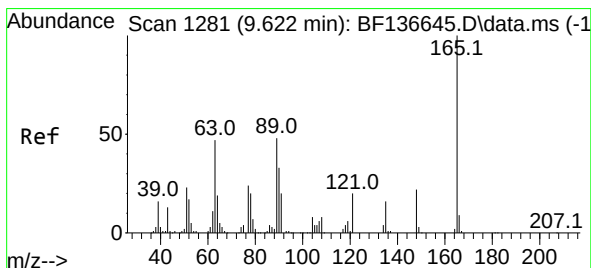
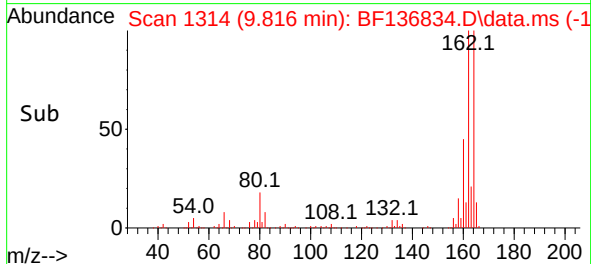
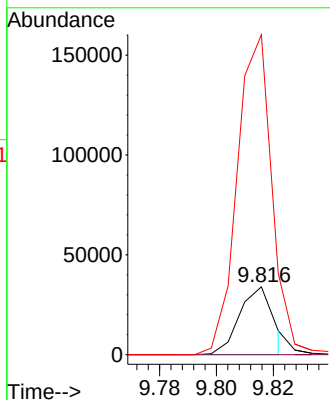
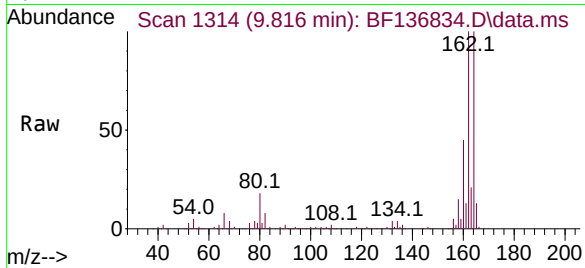




#50
Dimethylphthalate
Concen: 2.764 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

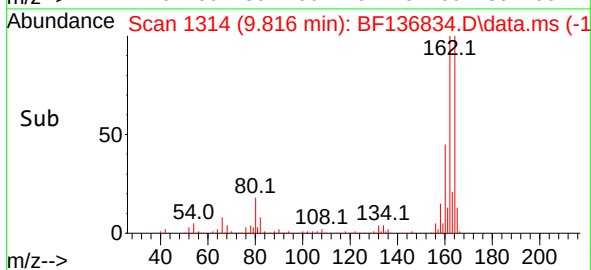
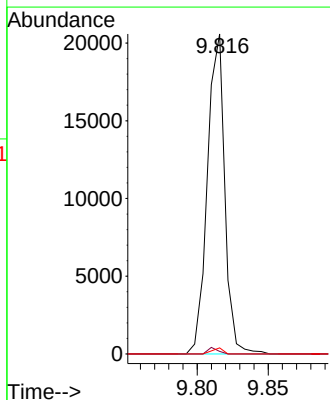
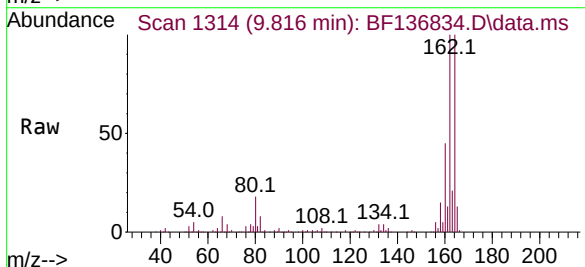
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

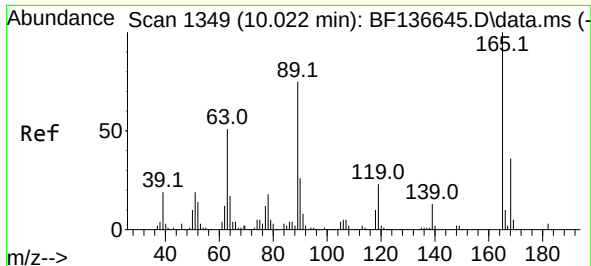
Tgt Ion:163 Resp: 27969
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 471.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:165 Resp: 17558
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.9 38.8 58.2#

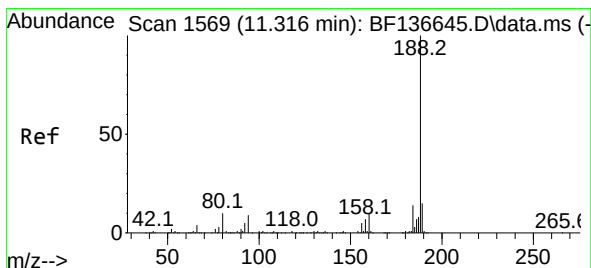
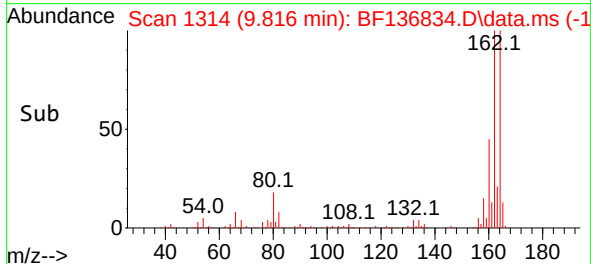
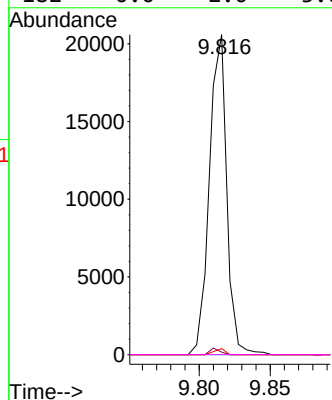
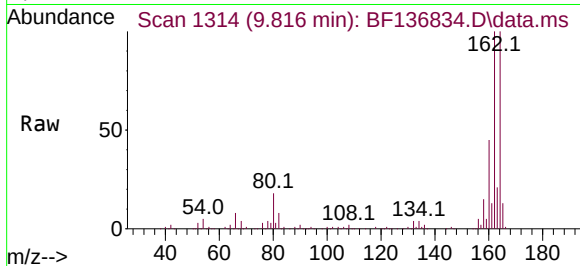




#57
2,4-Dinitrotoluene
Concen: 5.890 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

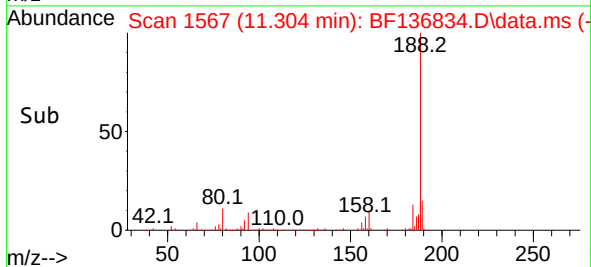
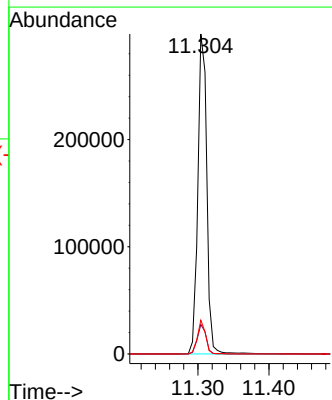
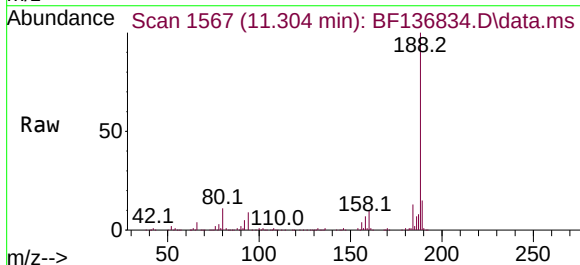
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

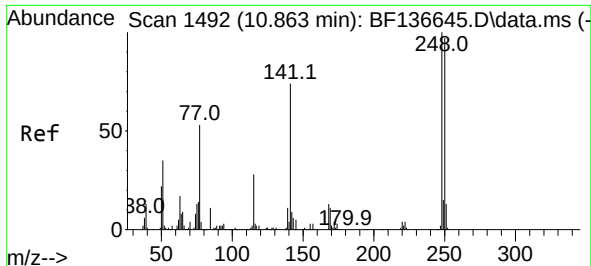
Tgt Ion:165 Resp: 17558
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 1.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:188 Resp: 262503
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.6 8.1 12.1

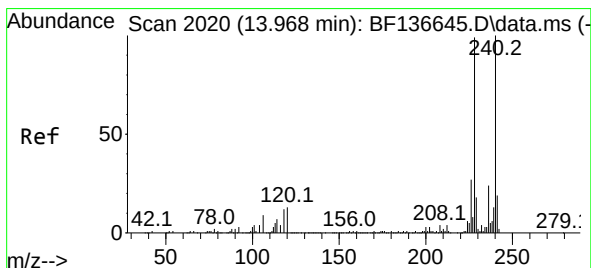
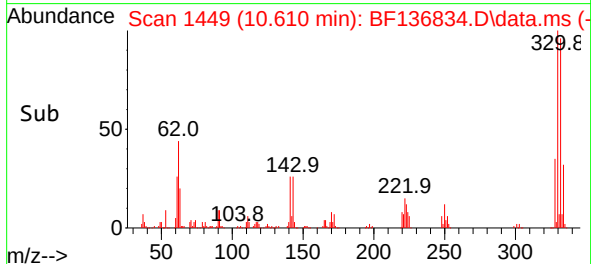
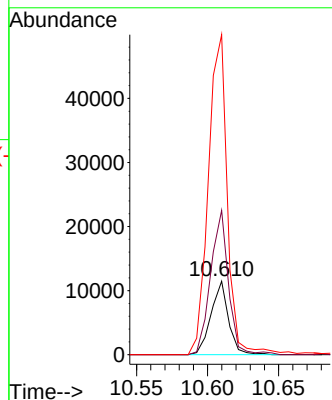
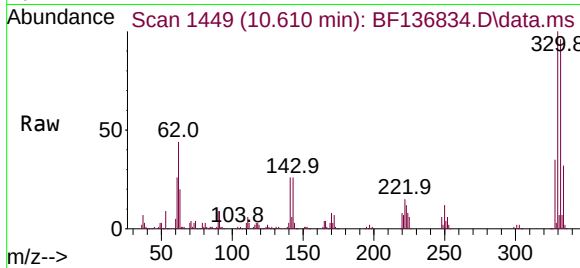




#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

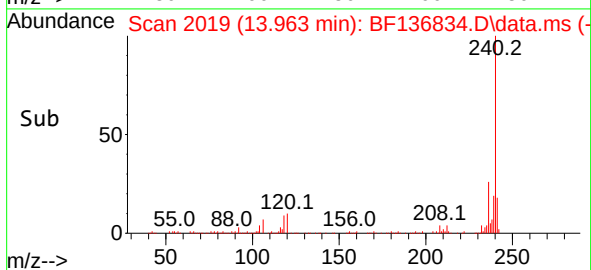
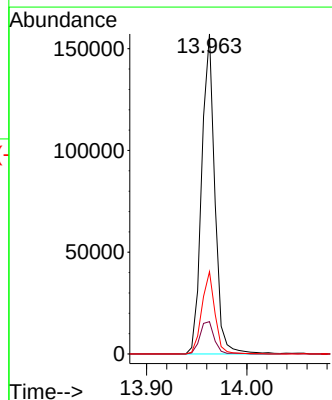
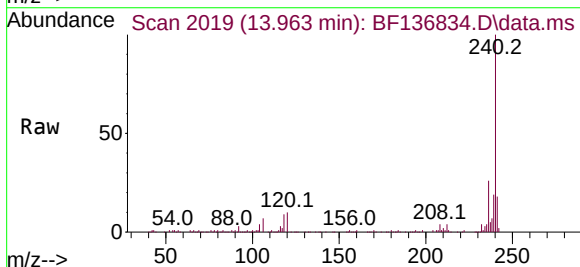
Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a

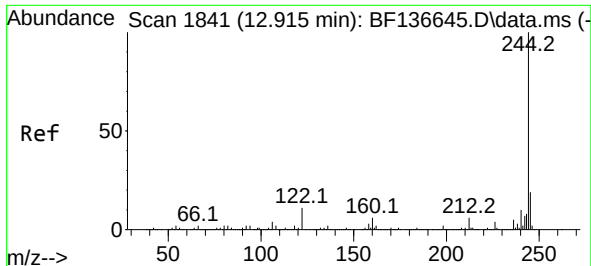
Tgt Ion:248 Resp: 9889
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 435.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

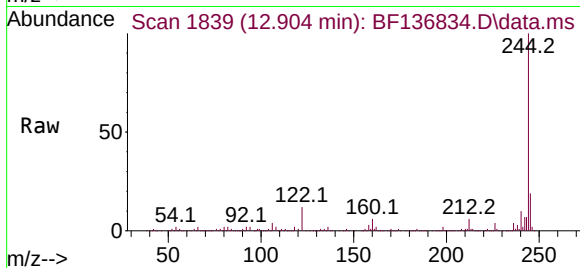
Tgt Ion:240 Resp: 144282
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.7 19.4 29.2



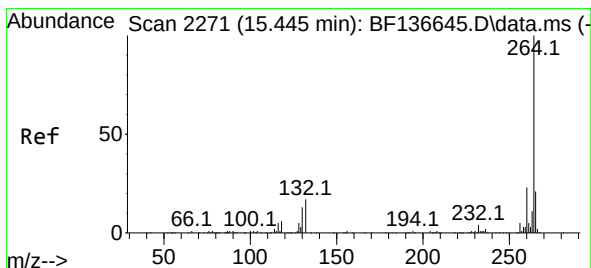
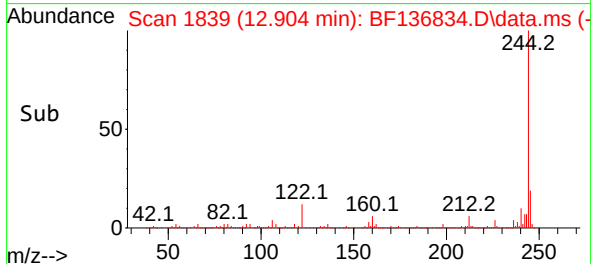
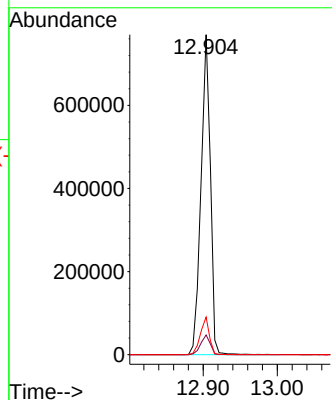


#79
Terphenyl-d14
Concen: 65.719 ng
RT: 12.904 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Instrument :
BNA_F
ClientSampleId :
GHL-SS-36a



Tgt Ion:244 Resp: 678514
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136834.D
Acq: 29 Dec 2023 17:44

Tgt Ion:264 Resp: 137306
Ion Ratio Lower Upper
264 100
260 21.5 18.3 27.5
265 19.9 17.0 25.6

