

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136916.D
 Acq On : 03 Jan 2024 19:48
 Operator : CG\JU
 Sample : 05909-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SD-50

Quant Time: Jan 04 03:41:31 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)

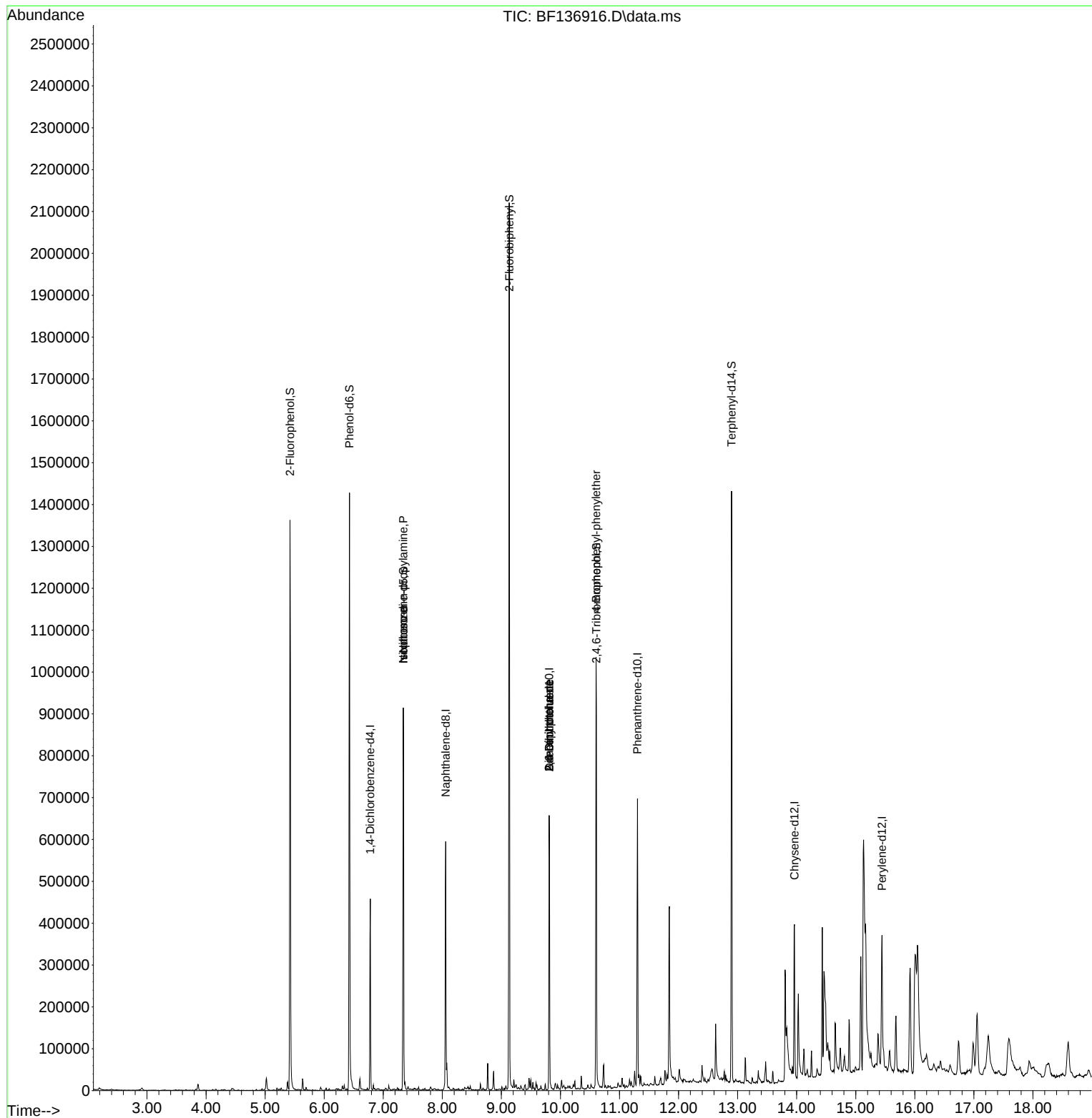
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	62343	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	247148	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	132965	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	238388	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	134221	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	148839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	360045	90.110	ng	0.00
7) Phenol-d6	6.428	99	464478	89.713	ng	-0.01
23) Nitrobenzene-d5	7.340	82	284367	58.877	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	132201	84.422	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	618167	62.530	ng	-0.02
79) Terphenyl-d14	12.898	244	499147	51.970	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	38667	12.320	ng	# 76
25) Isophorone	7.340	82	284362	32.357	ng	# 65
50) Dimethylphthalate	9.810	163	24022	2.473	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	16408	7.444	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	16408	5.734	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	8006	3.024	ng	# 1

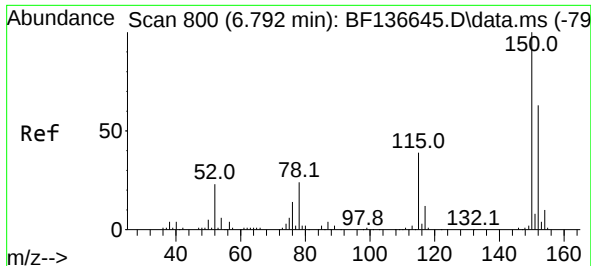
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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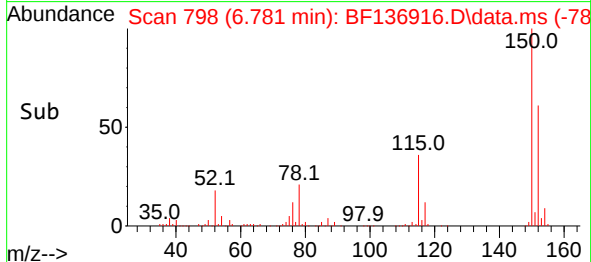
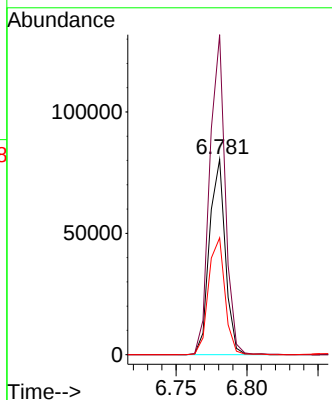
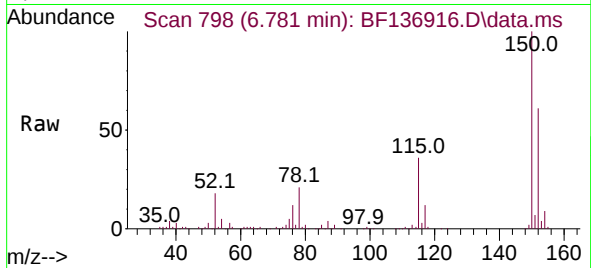




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

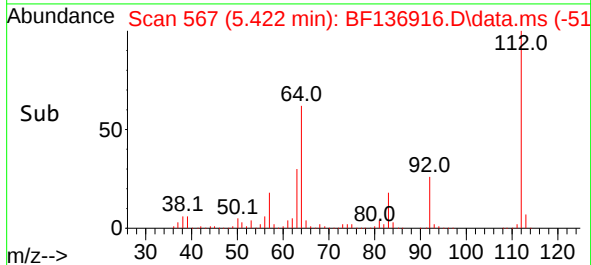
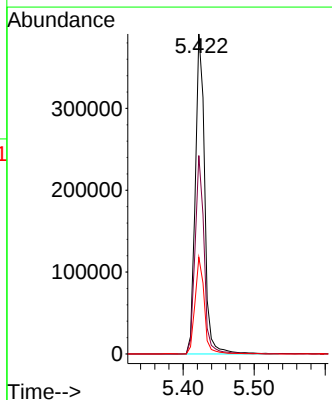
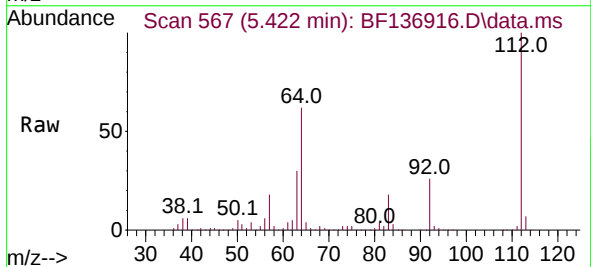
Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

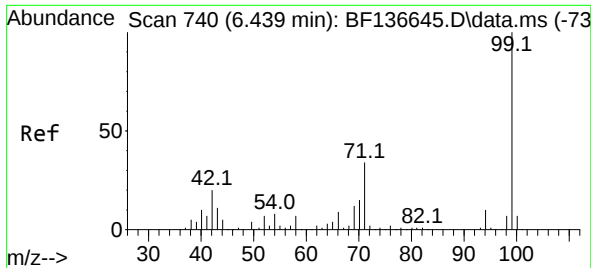
Tgt Ion:152 Resp: 62343
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 90.110 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion:112 Resp: 360045
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 30.2 26.1 39.1

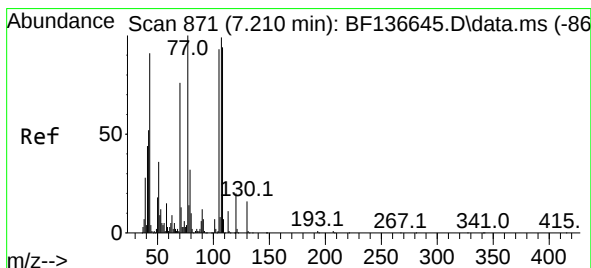
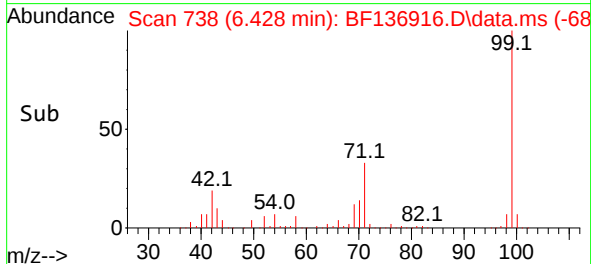
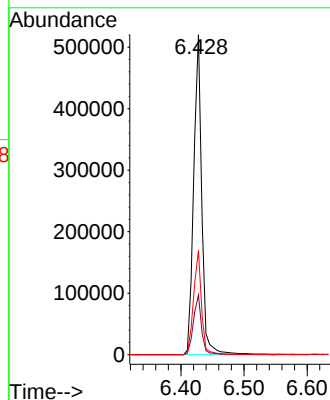
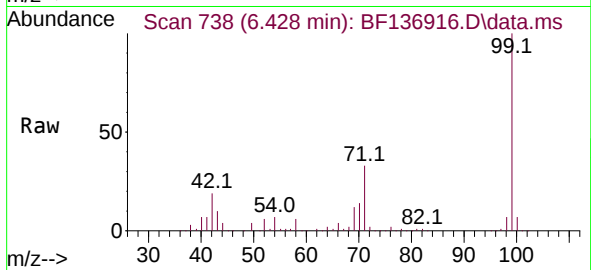




#7
Phenol-d6
Concen: 89.713 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

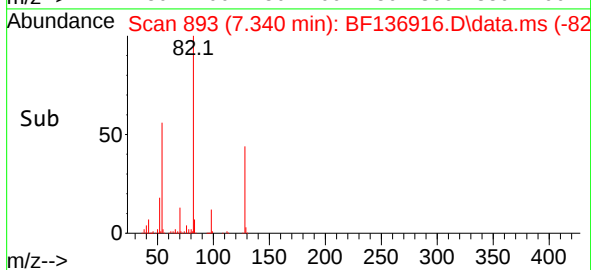
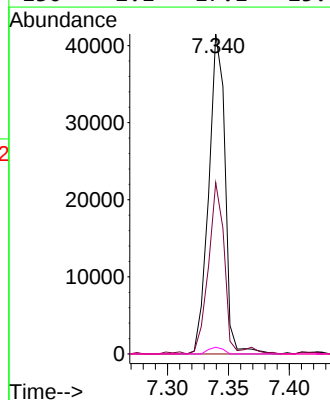
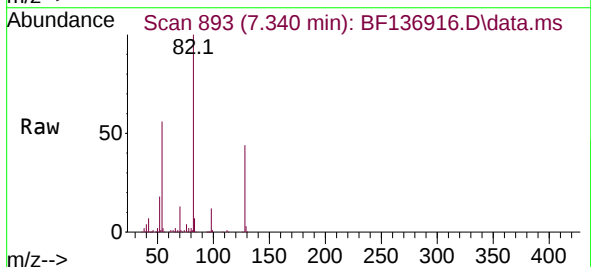
Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

Tgt Ion: 99 Resp: 464478
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.320 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion: 70 Resp: 38667
Ion Ratio Lower Upper
70 100
42 53.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



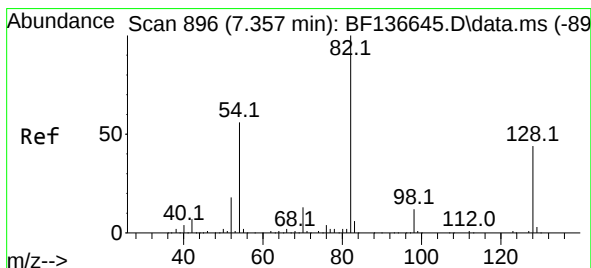
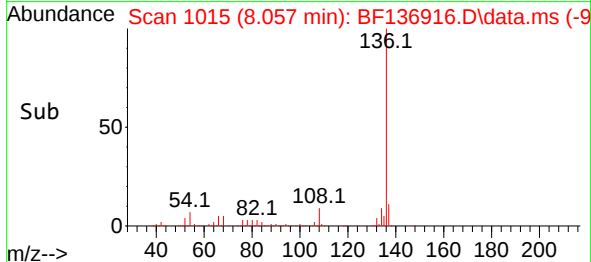
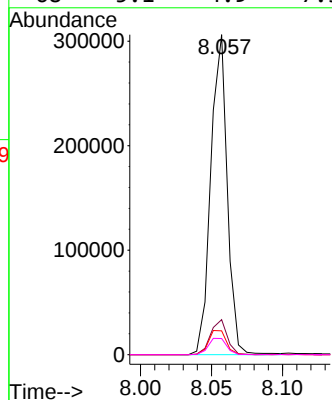
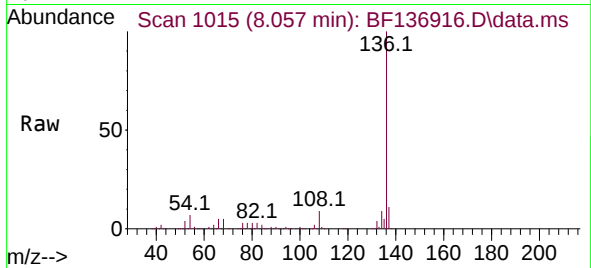


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

Tgt Ion:136 Resp: 247148

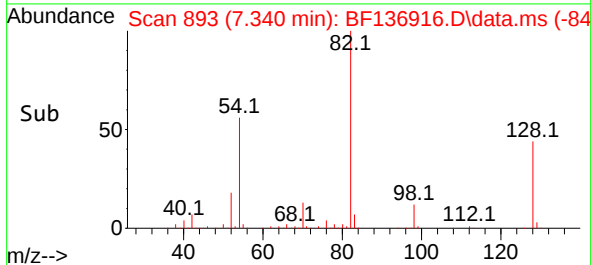
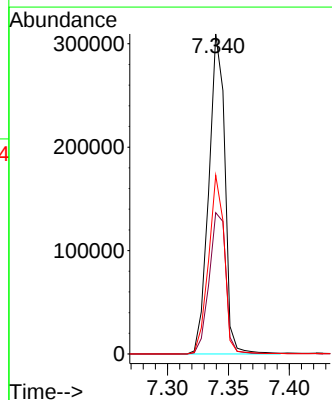
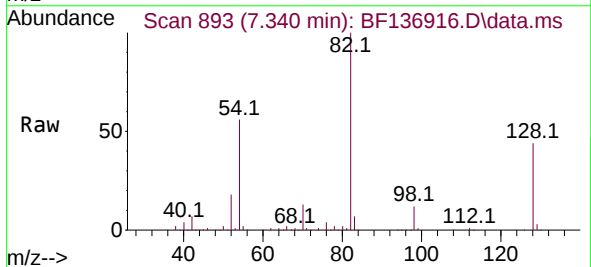
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.5	7.2	10.8
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 58.877 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion: 82 Resp: 284367

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.3	52.9
54	55.9	44.5	66.7

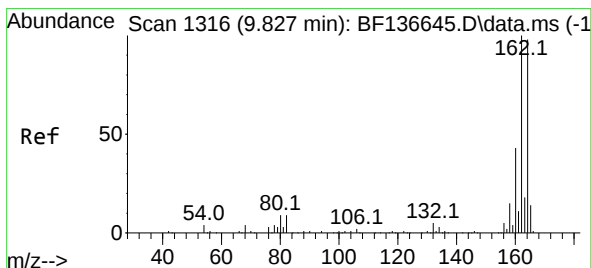
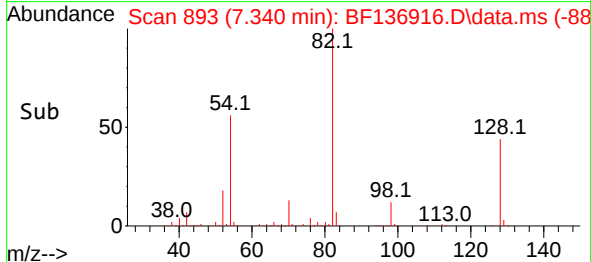
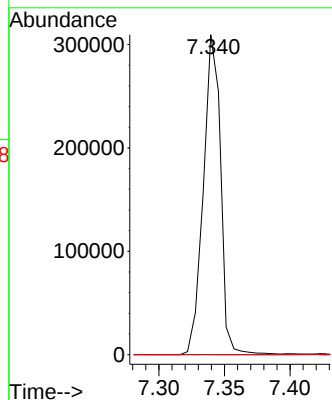
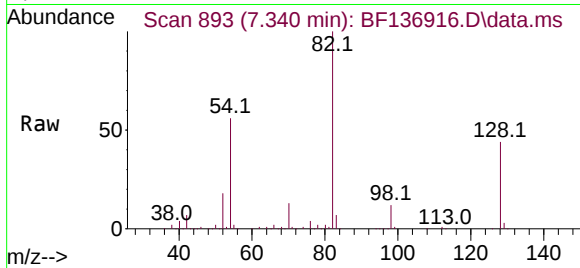




#25
Isophorone
Concen: 32.357 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

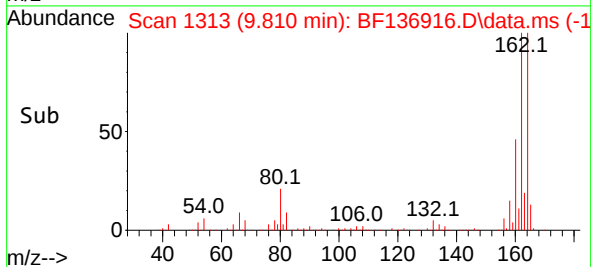
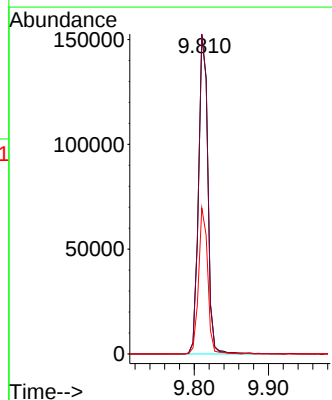
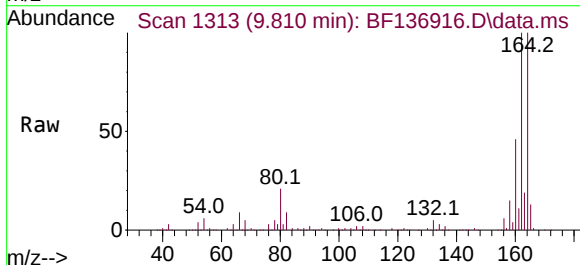
Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

Tgt Ion: 82 Resp: 284362
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: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion:164 Resp: 132965
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 45.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 84.422 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136916.D

Acq: 03 Jan 2024 19:48

Instrument :

BNA_F

ClientSampleId :

GHL-SD-50

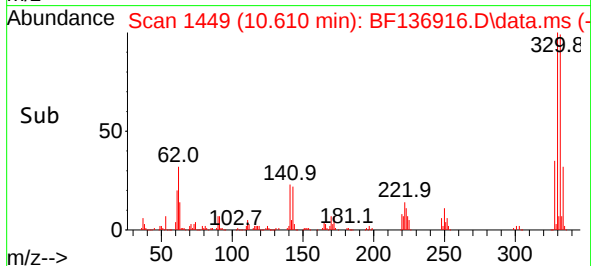
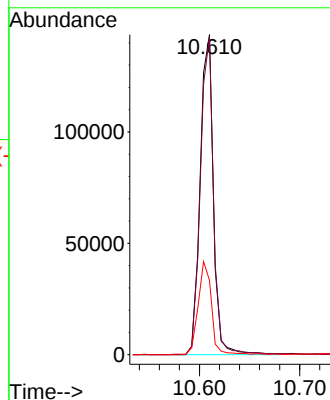
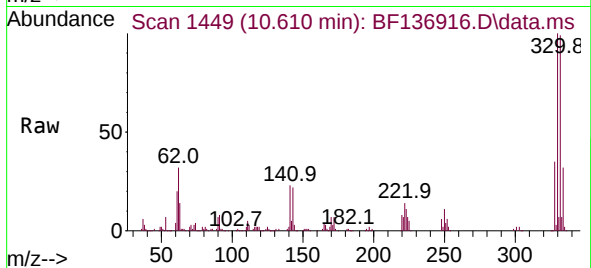
Tgt Ion:330 Resp: 132201

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 62.530 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136916.D

Acq: 03 Jan 2024 19:48

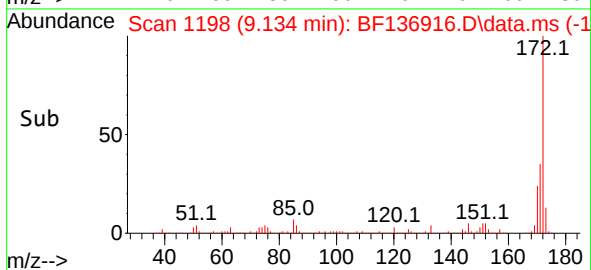
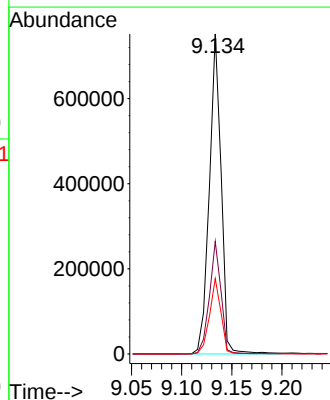
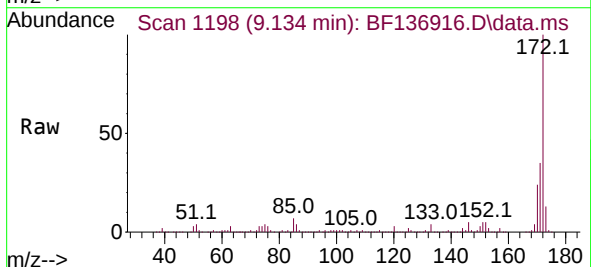
Tgt Ion:172 Resp: 618167

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 23.5 19.0 28.4

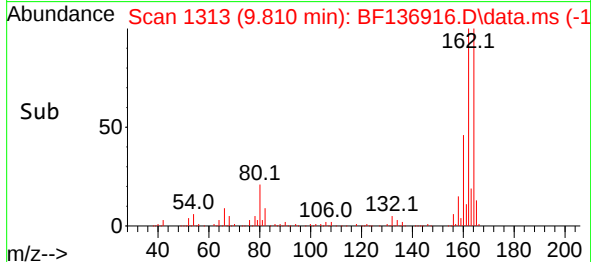
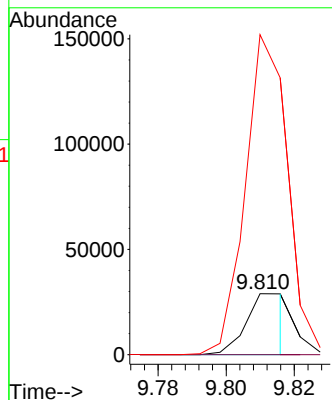
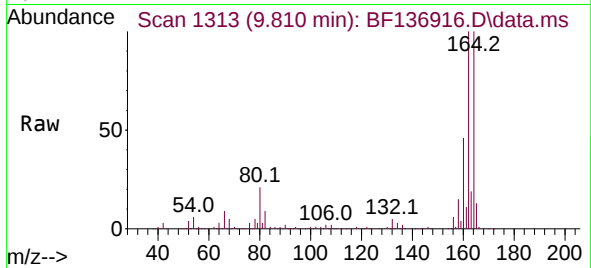




#50
Dimethylphthalate
Concen: 2.473 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.253 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

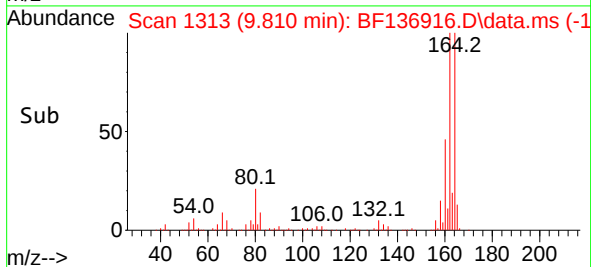
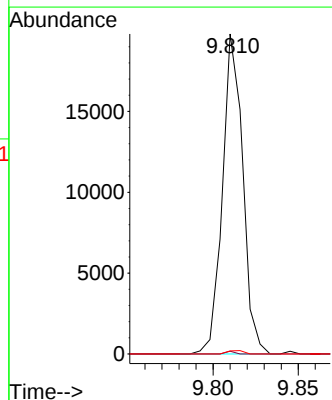
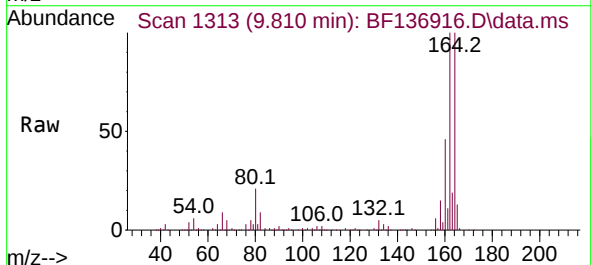
Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

Tgt Ion:163 Resp: 24022
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 525.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.444 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion:165 Resp: 16408
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 38.8 58.2#

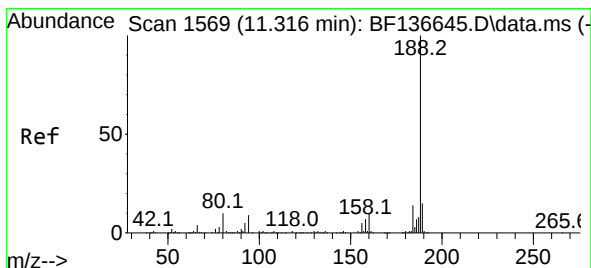
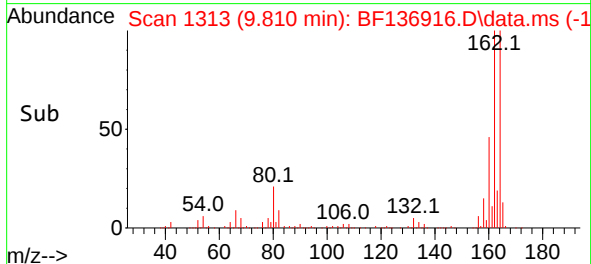
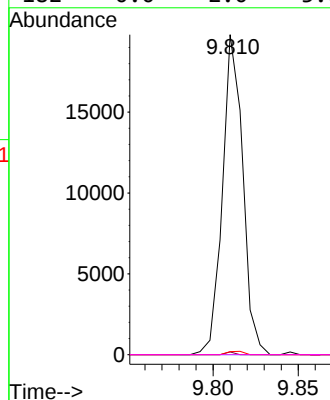
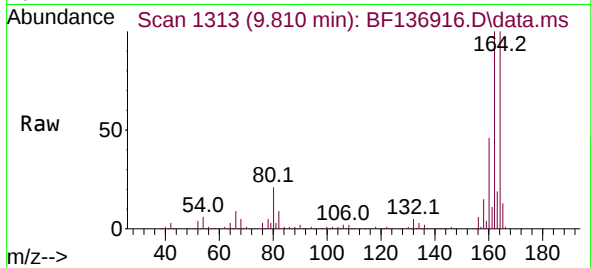




#57
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

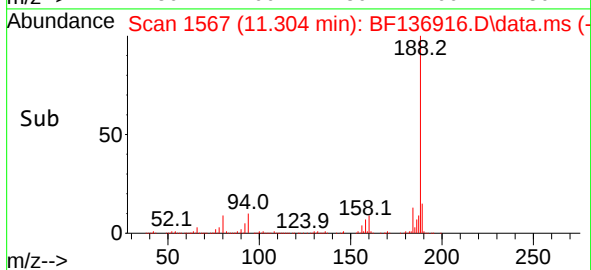
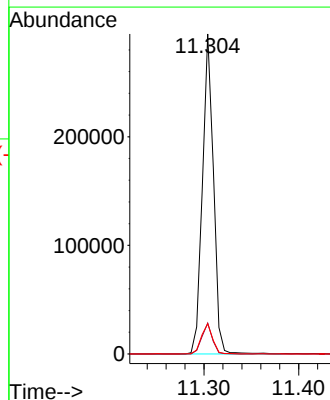
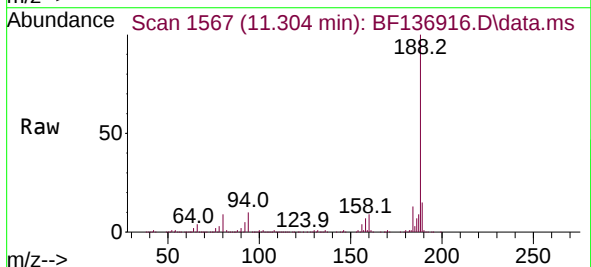
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BNA_F
ClientSampleId :
GHL-SD-50

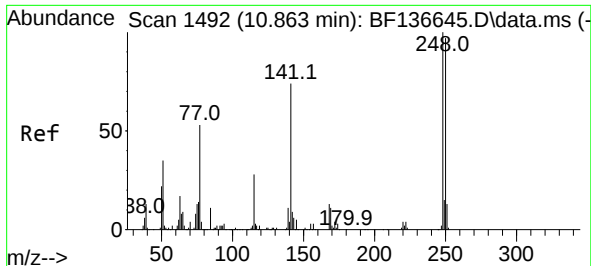
Tgt Ion:165 Resp: 16408
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

Tgt Ion:188 Resp: 238388
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.4 8.1 12.1

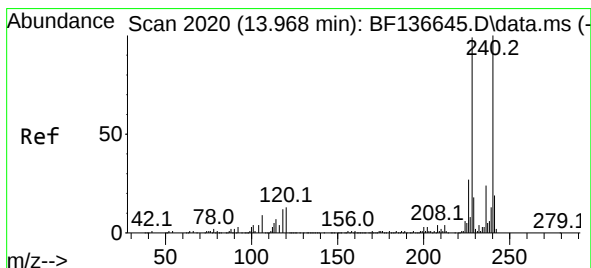
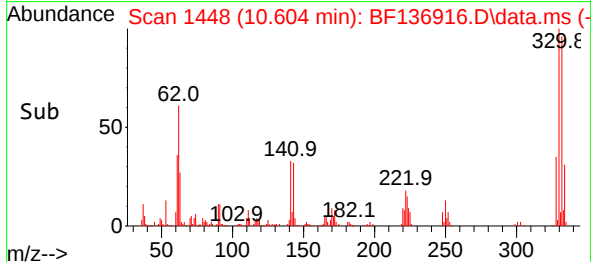
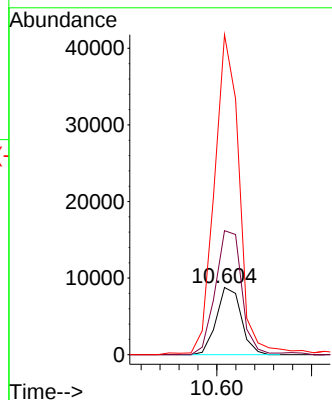
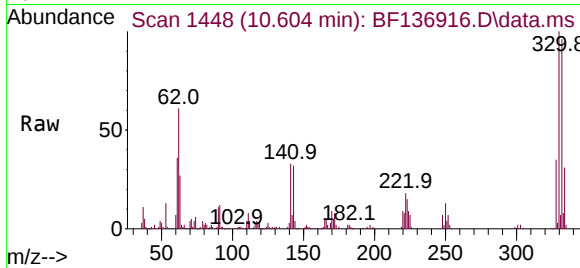




#67
4-Bromophenyl-phenylether
Concen: 3.024 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.259 min
Lab File: BF136916.D
Acq: 03 Jan 2024 19:48

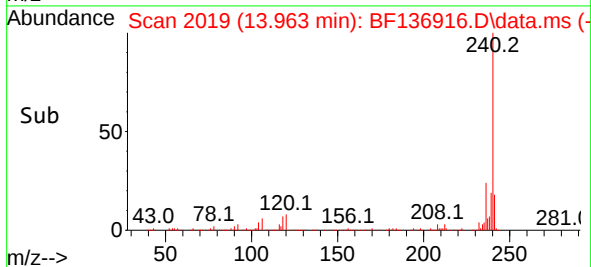
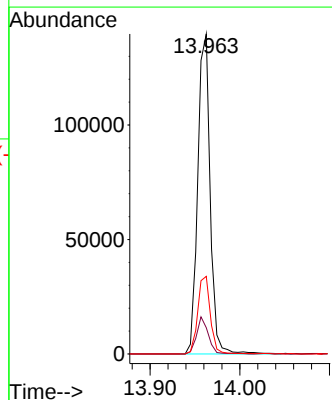
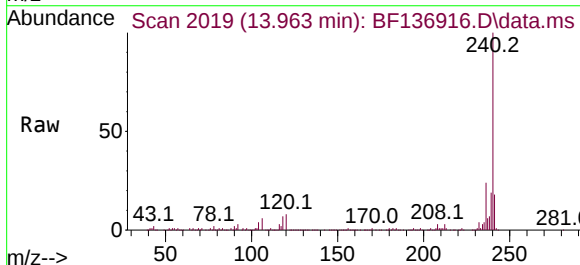
Instrument :
BNA_F
ClientSampleId :
GHL-SD-50

Tgt Ion:248 Resp: 8006
Ion Ratio Lower Upper
248 100
250 184.8 77.8 116.6#
141 476.6 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: BF136916.D
Acq: 03 Jan 2024 19:48

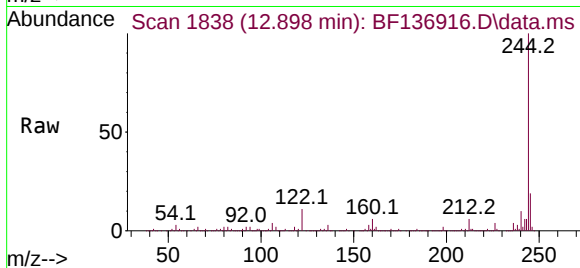
Tgt Ion:240 Resp: 134221
Ion Ratio Lower Upper
240 100
120 8.2 10.3 15.5#
236 24.2 19.4 29.2



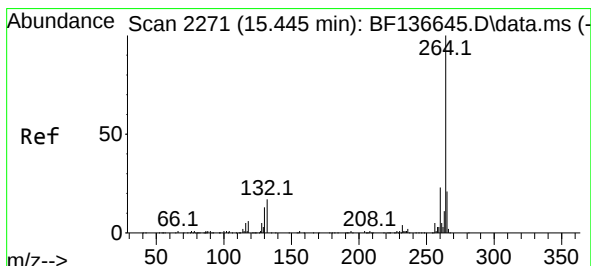
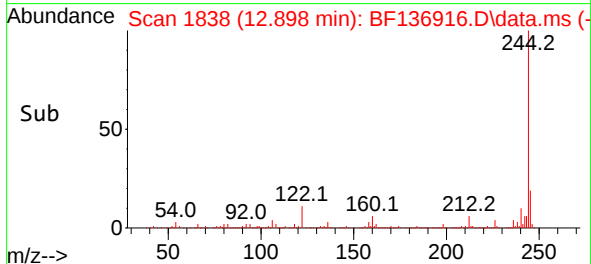
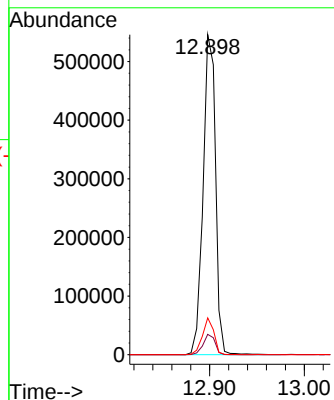


#79
 Terphenyl-d14
 Concen: 51.970 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136916.D
 Acq: 03 Jan 2024 19:48

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SD-50



Tgt Ion:244 Resp: 499147
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.5 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: BF136916.D
 Acq: 03 Jan 2024 19:48

Tgt Ion:264 Resp: 148839
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 20.5 17.0 25.6

