

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136832.D
 Acq On : 29 Dec 2023 16:42
 Operator : CG\JU
 Sample : 05909-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-45

Quant Time: Dec 29 17:08:51 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)

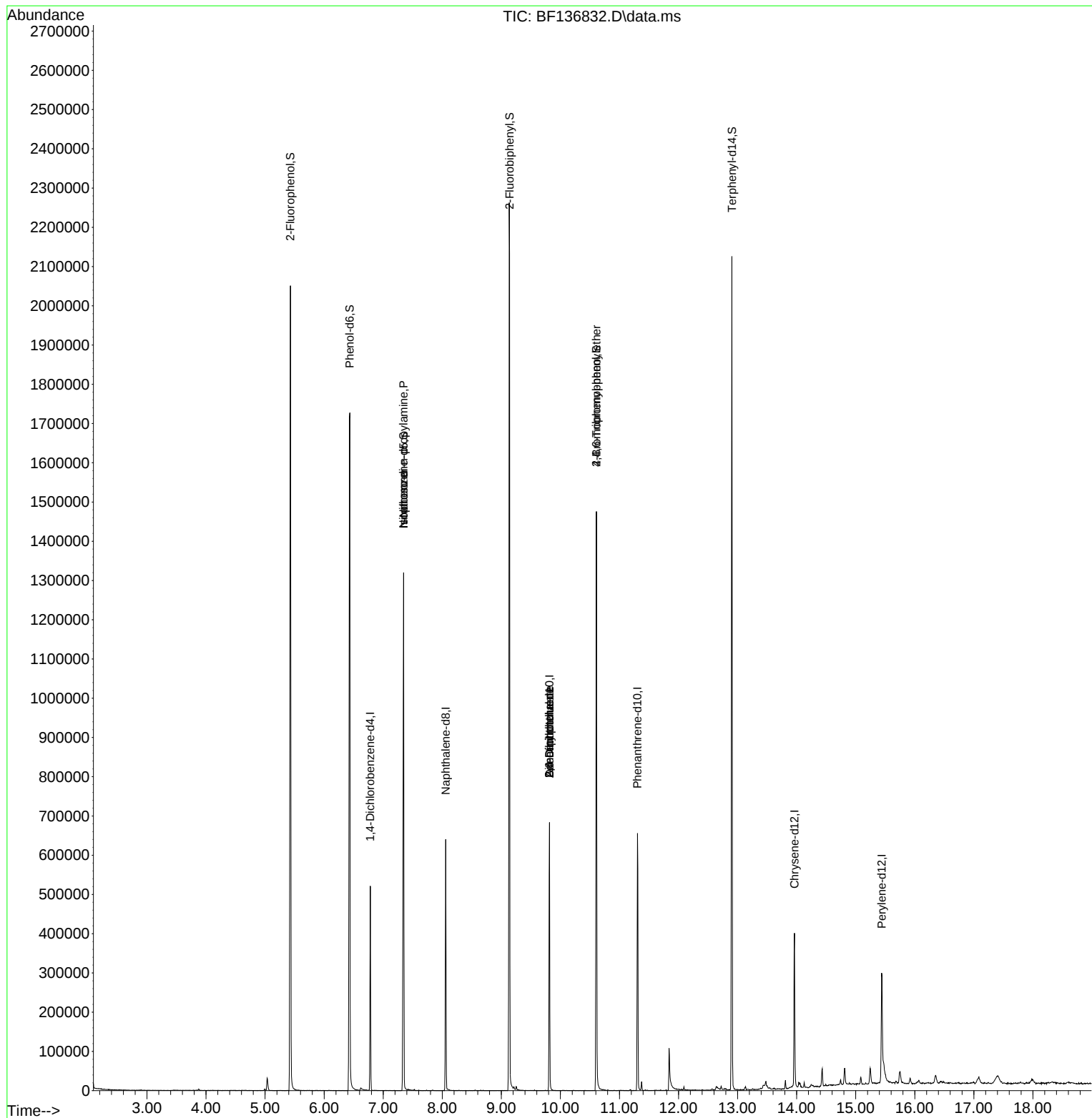
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68789	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	259412	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	134731	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	253514	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	143285	20.000	ng	0.00
86) Perylene-d12	15.439	264	136790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	550596	124.887	ng	0.00
7) Phenol-d6	6.434	99	695102	121.677	ng	0.00
23) Nitrobenzene-d5	7.346	82	423908	83.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	188398	118.731	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	781498	78.015	ng	-0.01
79) Terphenyl-d14	12.904	244	746411	72.798	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	55779	16.107	ng	# 73
25) Isophorone	7.346	82	423904	45.954	ng	# 65
50) Dimethylphthalate	9.816	163	26583	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17811	7.975	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17811	6.143	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10967	3.895	ng	# 1

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

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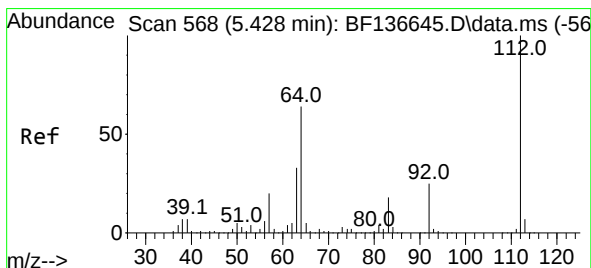
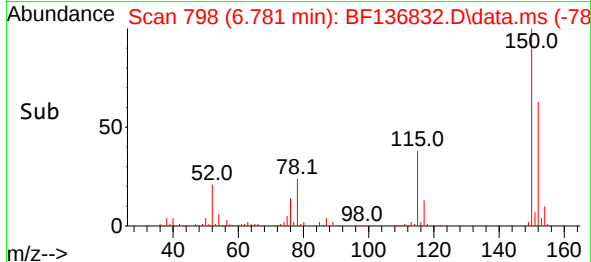
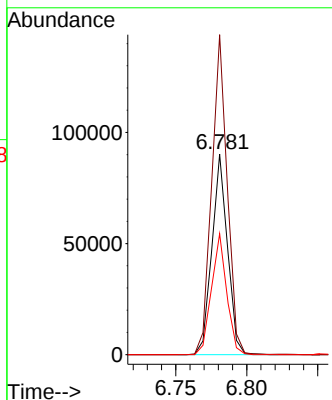
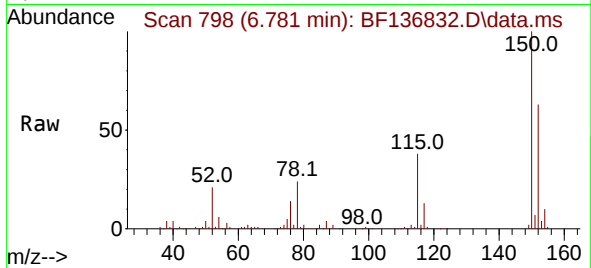




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

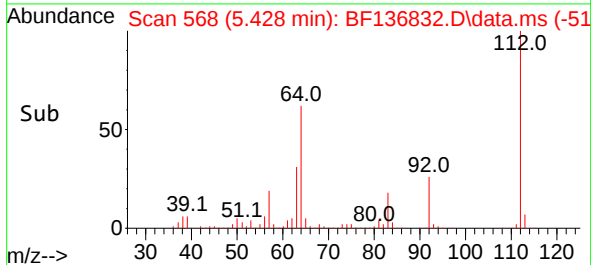
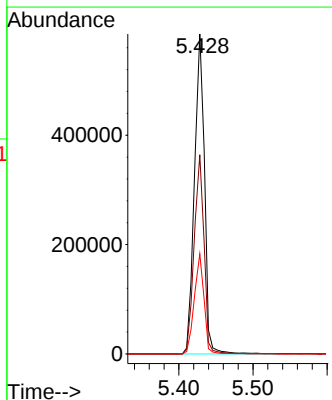
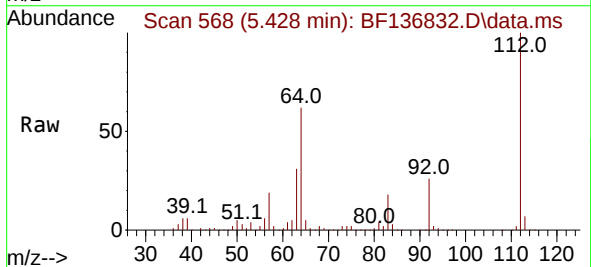
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

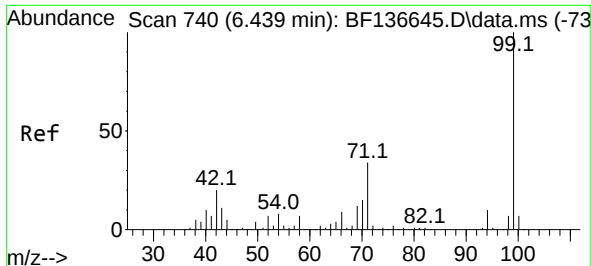
Tgt Ion:152 Resp: 68789
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 124.887 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion:112 Resp: 550596
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 31.3 26.1 39.1

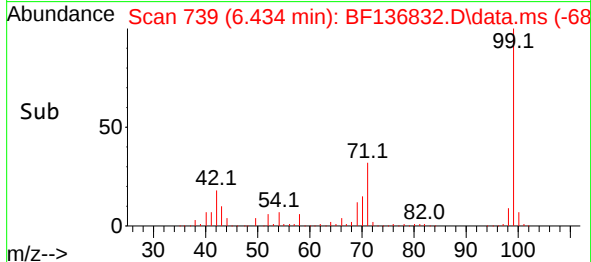
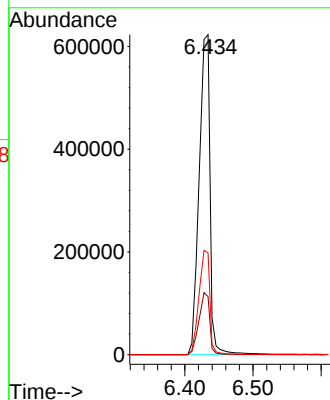
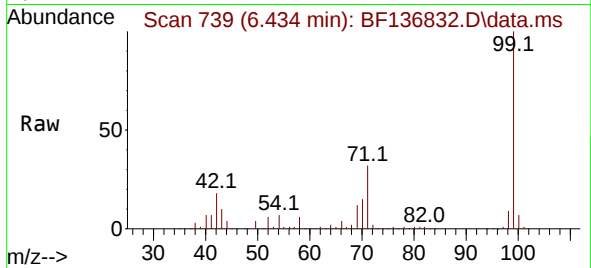




#7
Phenol-d6
Concen: 121.677 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

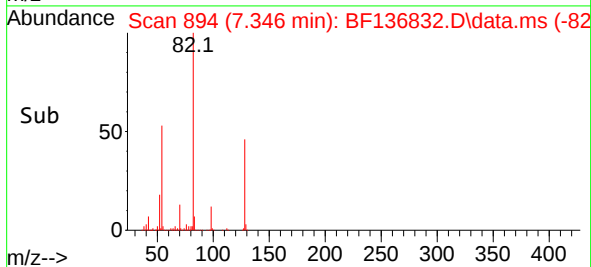
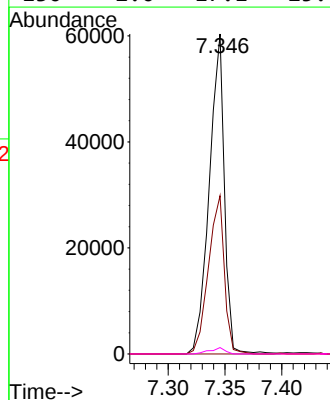
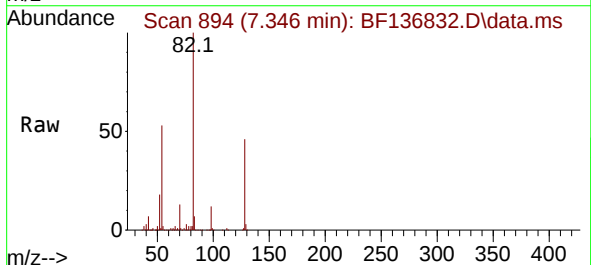
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

Tgt Ion: 99 Resp: 695102
Ion Ratio Lower Upper
99 100
42 18.1 16.1 24.1
71 31.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.107 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion: 70 Resp: 55779
Ion Ratio Lower Upper
70 100
42 49.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



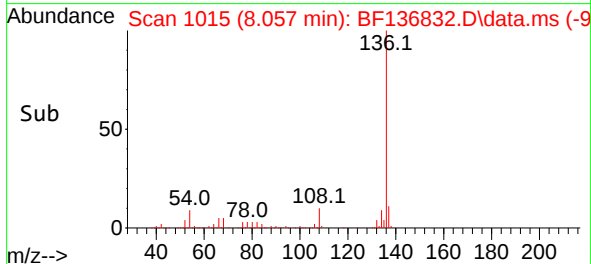
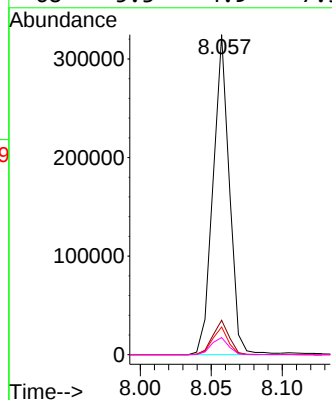
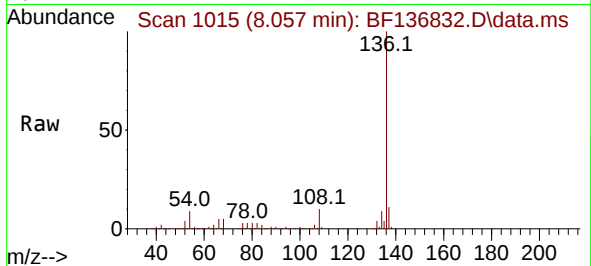


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

Tgt Ion:136 Resp: 259412

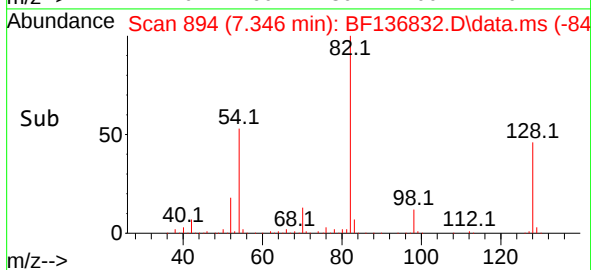
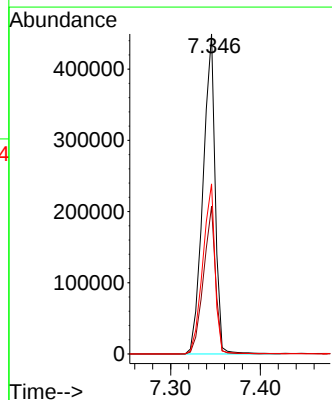
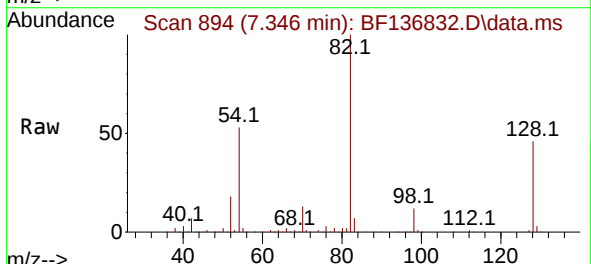
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.7	7.2	10.8
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 83.619 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion: 82 Resp: 423908

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	53.2	44.5	66.7

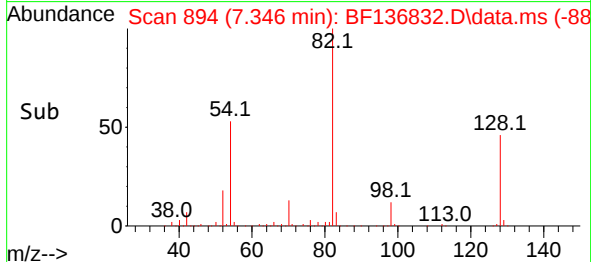
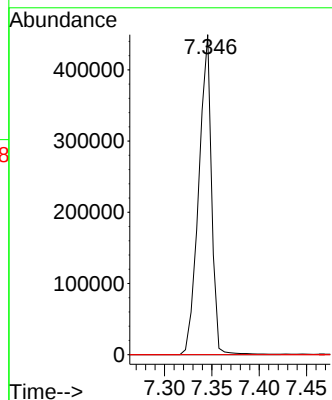
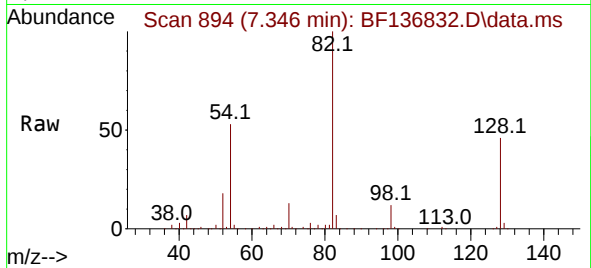




#25
Isophorone
Concen: 45.954 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

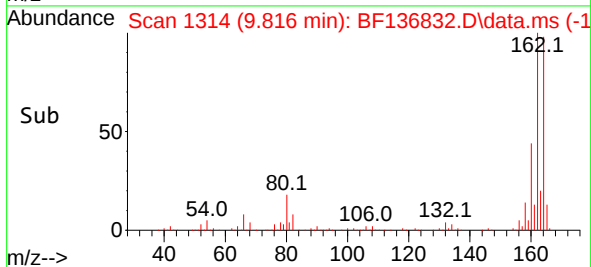
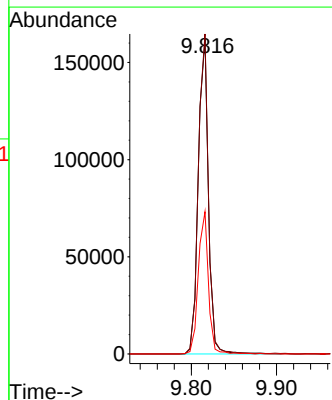
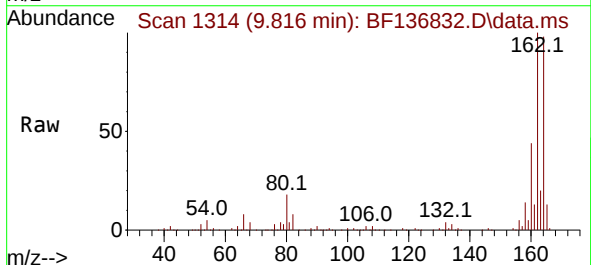
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

Tgt Ion: 82 Resp: 423904
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. -0.011 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion:164 Resp: 134731
Ion Ratio Lower Upper
164 100
162 101.7 81.6 122.4
160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.731 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF136832.D

Acq: 29 Dec 2023 16:42

Instrument :

BNA_F

ClientSampleId :

GHL-SS-45

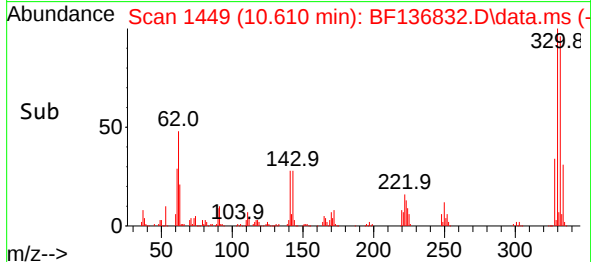
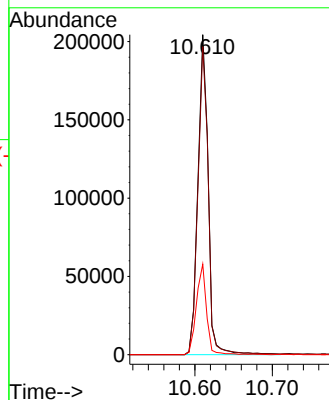
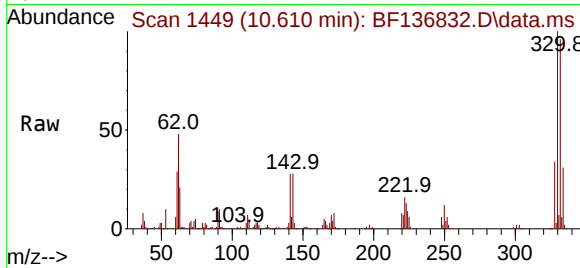
Tgt Ion:330 Resp: 188398

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 78.015 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136832.D

Acq: 29 Dec 2023 16:42

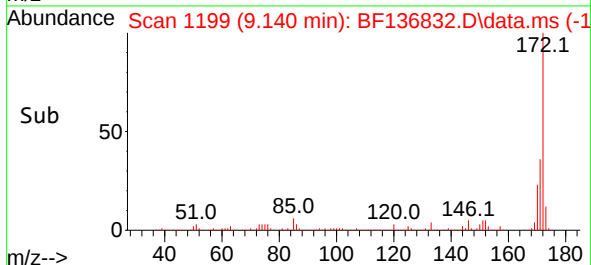
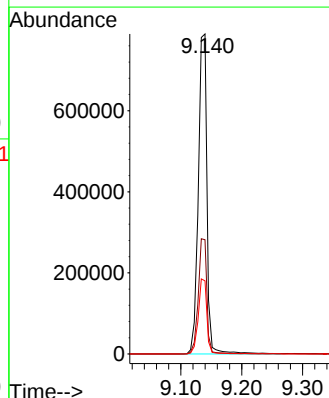
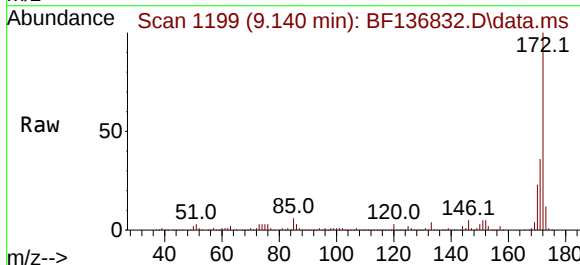
Tgt Ion:172 Resp: 781498

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 22.8 19.0 28.4

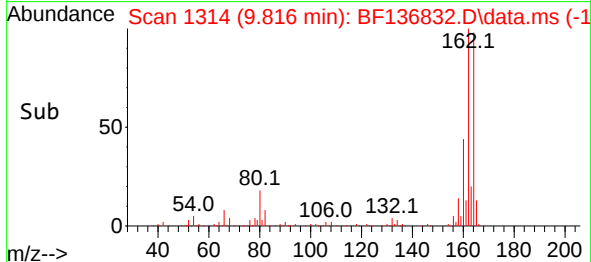
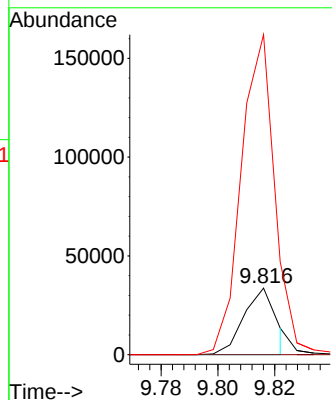
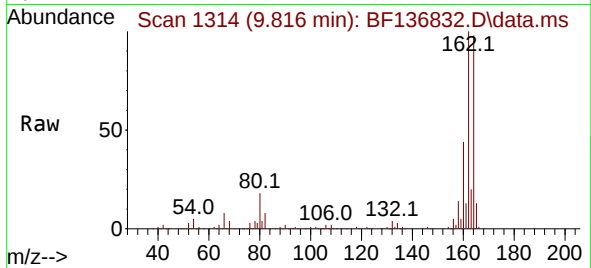




#50
Dimethylphthalate
Concen: 2.701 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

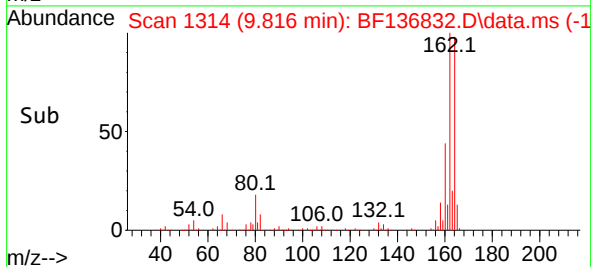
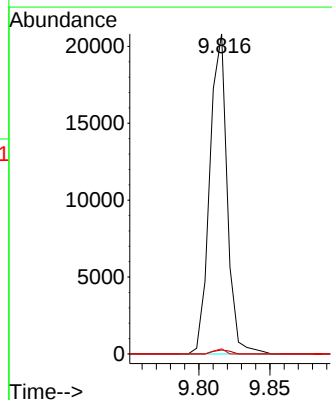
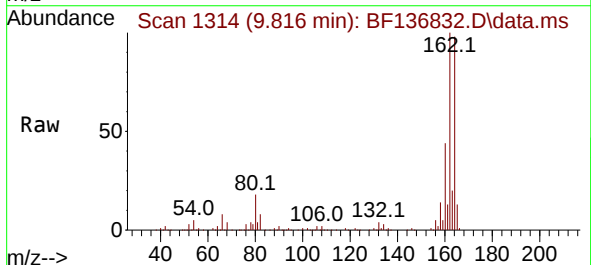
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

Tgt Ion:163 Resp: 26583
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 480.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.975 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion:165 Resp: 17811
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 38.8 58.2#

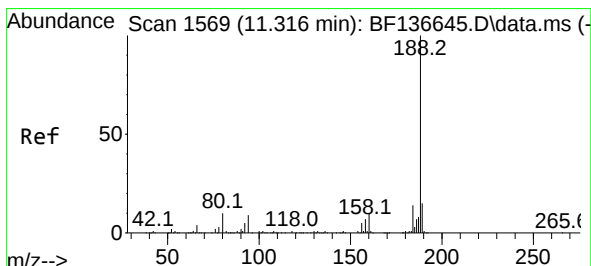
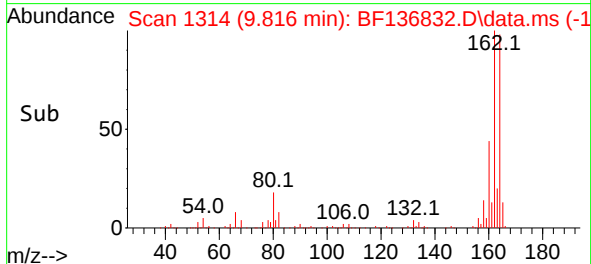
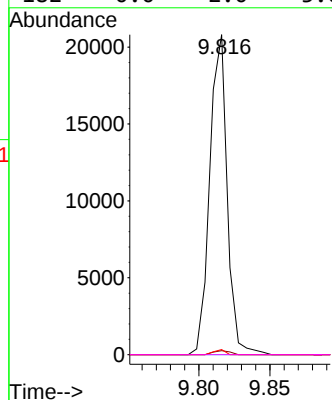
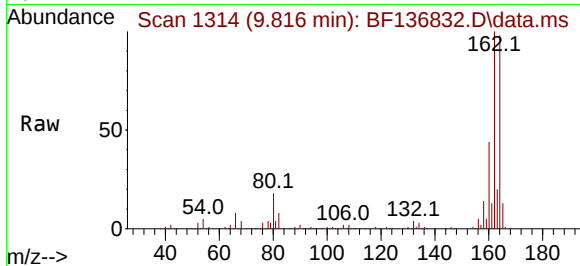




#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

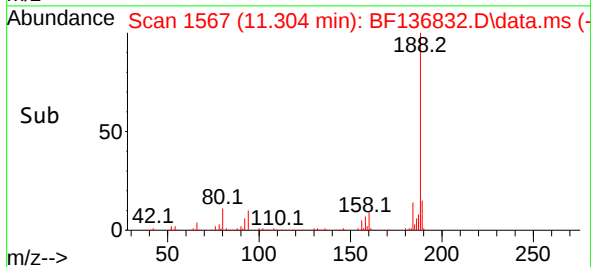
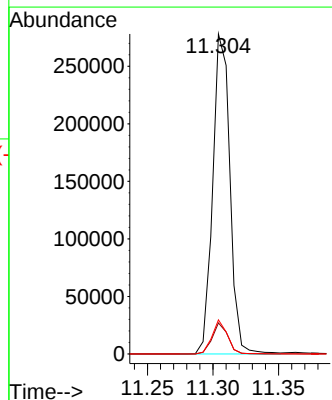
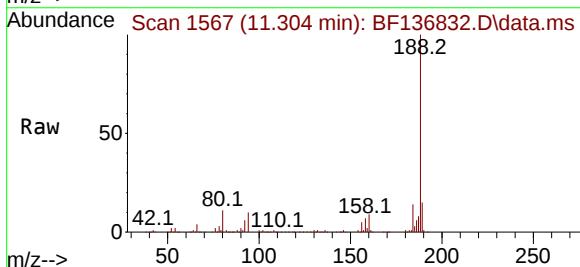
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

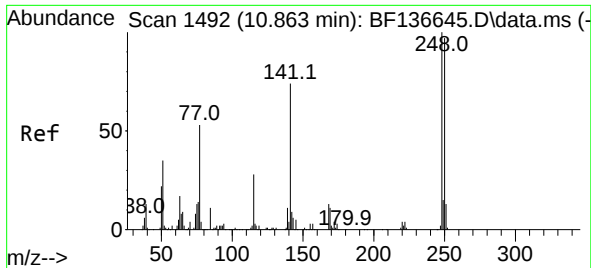
Tgt Ion:165	Resp:	17811
Ion	Ratio	Lower Upper
165	100	
63	1.3	41.0 61.6#
89	1.6	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

Tgt Ion:188	Resp:	253514
Ion	Ratio	Lower Upper
188	100	
94	9.7	7.5 11.3
80	10.6	8.1 12.1

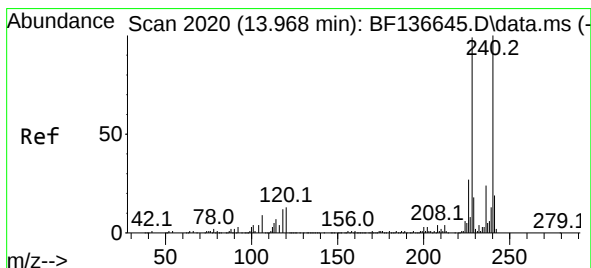
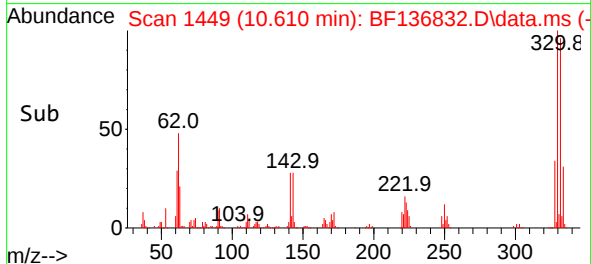
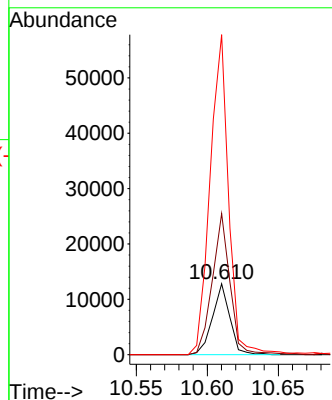
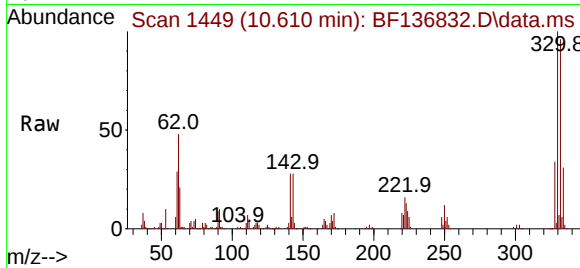




#67
4-Bromophenyl-phenylether
Concen: 3.895 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136832.D
Acq: 29 Dec 2023 16:42

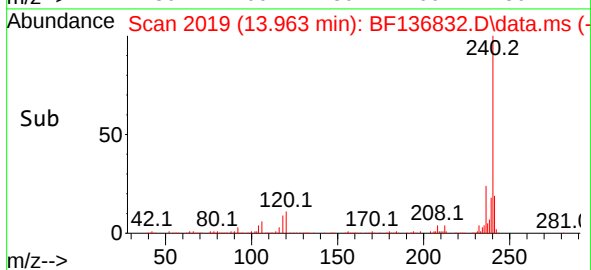
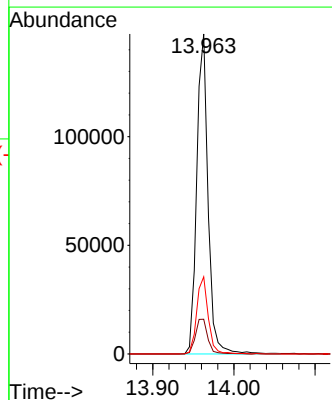
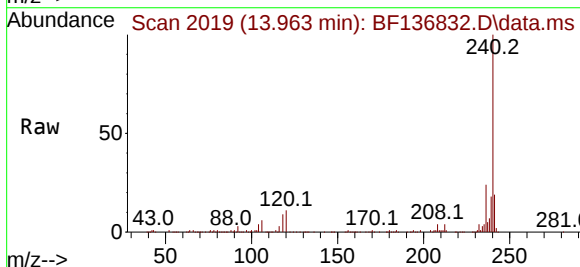
Instrument :
BNA_F
ClientSampleId :
GHL-SS-45

Tgt Ion:248 Resp: 10967
Ion Ratio Lower Upper
248 100
250 198.8 77.8 116.6#
141 451.1 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: BF136832.D
Acq: 29 Dec 2023 16:42

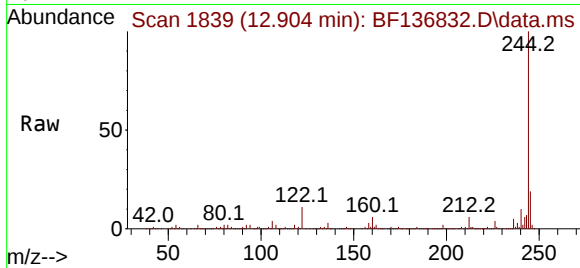
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Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 24.1 19.4 29.2



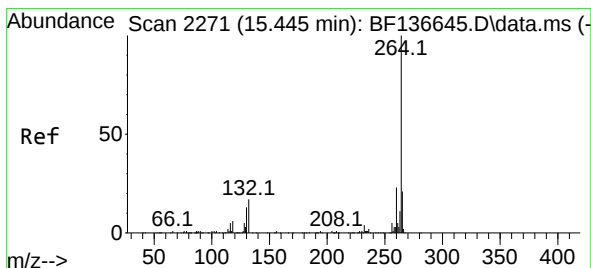
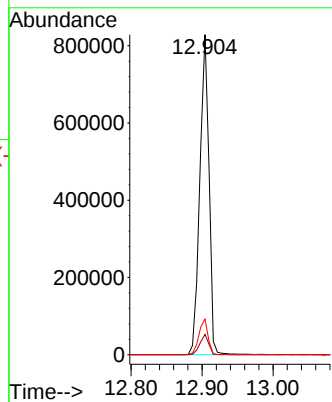
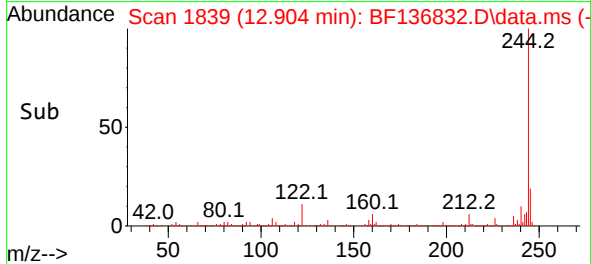


#79
 Terphenyl-d14
 Concen: 72.798 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.011 min
 Lab File: BF136832.D
 Acq: 29 Dec 2023 16:42

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-45



Tgt Ion:244 Resp: 746411
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136832.D
 Acq: 29 Dec 2023 16:42

Tgt Ion:264 Resp: 136790
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 21.8 17.0 25.6

