

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136885.D
 Acq On : 02 Jan 2024 22:30
 Operator : CG\JU
 Sample : 05975-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-GWDUP01-122023RE

Quant Time: Jan 03 02:05:44 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)

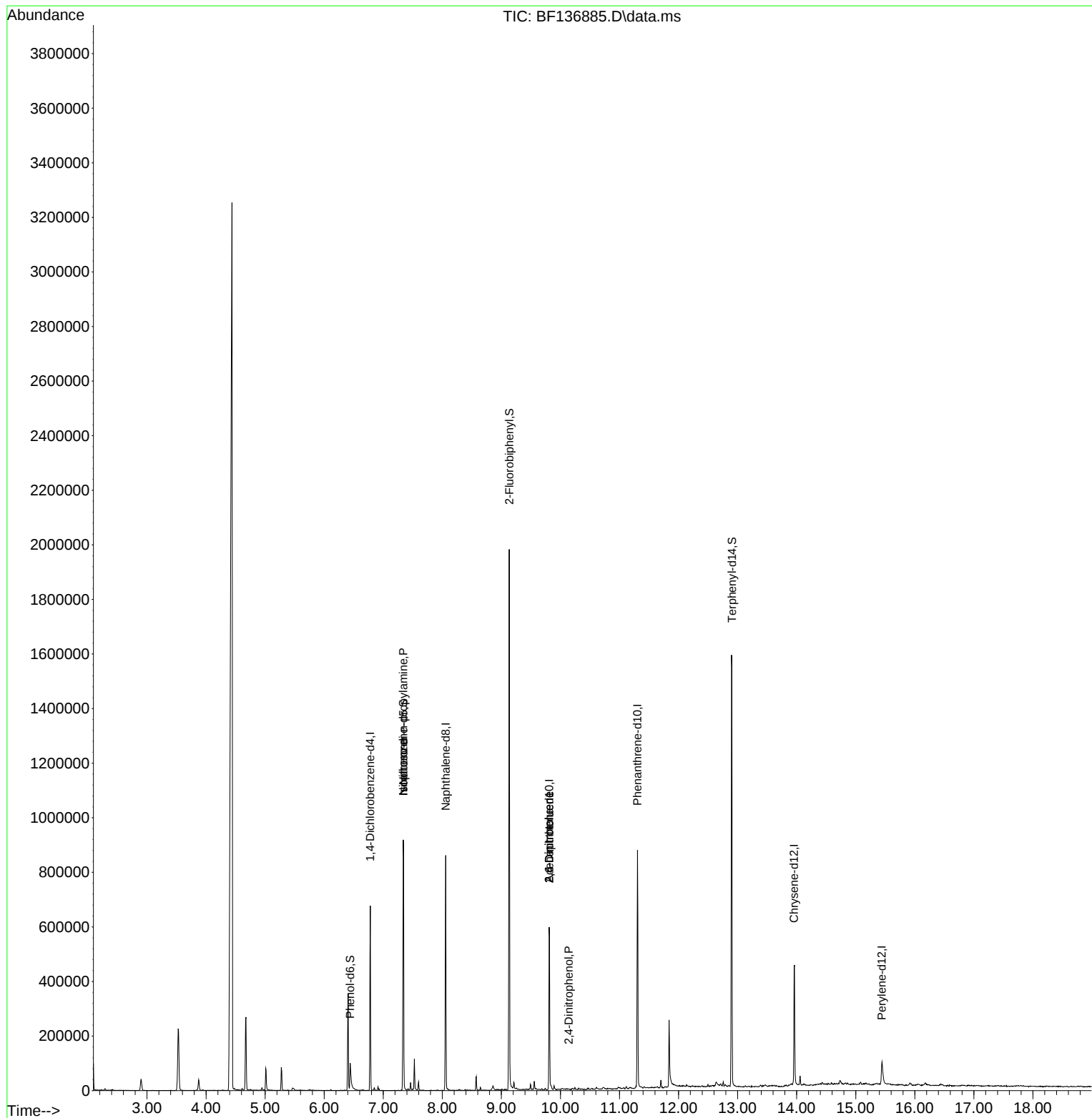
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	94309	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	360101	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	109748	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316017	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	144145	20.000	ng	-0.01
86) Perylene-d12	15.439	264	23017	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	5417	0.896	ng	0.04
7) Phenol-d6	6.439	99	45086	5.757	ng	0.00
23) Nitrobenzene-d5	7.339	82	307952	43.761	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	1287	0.996	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	594057	72.803	ng	-0.02
79) Terphenyl-d14	12.904	244	586226	56.834	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	39294	8.276	ng	# 77
25) Isophorone	7.339	82	307082	23.982	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	14084	7.741	ng	# 32
54) 2,4-Dinitrophenol	10.139	184	56	3.788	ng	# 26
57) 2,4-Dinitrotoluene	9.810	165	14084	5.963	ng	# 22

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

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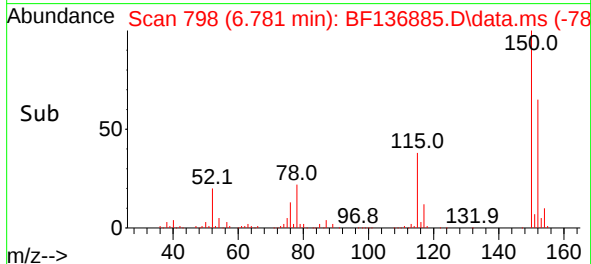
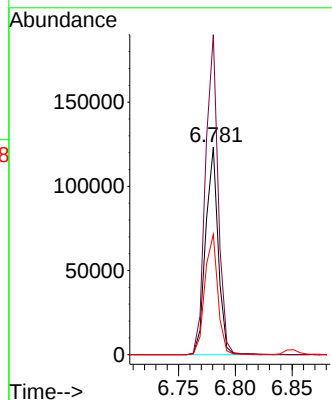
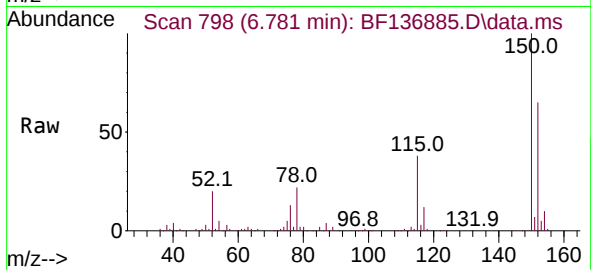




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

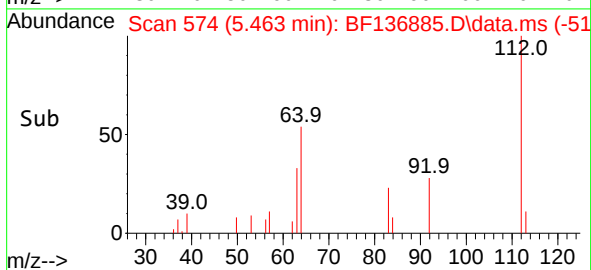
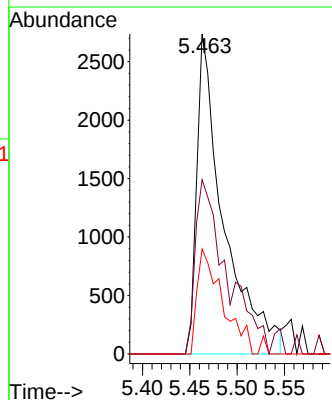
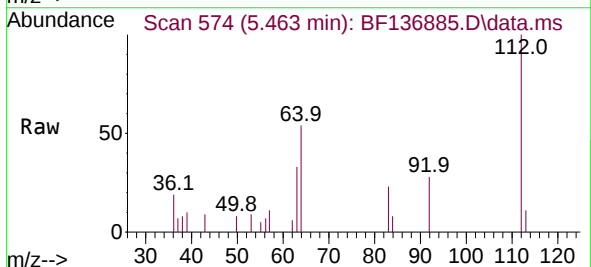
Instrument :
BNA_F
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RT-GWDUP01-122023RE

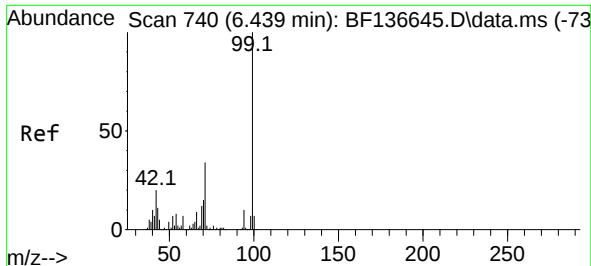
Tgt Ion:152 Resp: 94309
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 0.896 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.035 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Tgt Ion:112 Resp: 5417
Ion Ratio Lower Upper
112 100
64 54.4 51.1 76.7
63 32.8 26.1 39.1

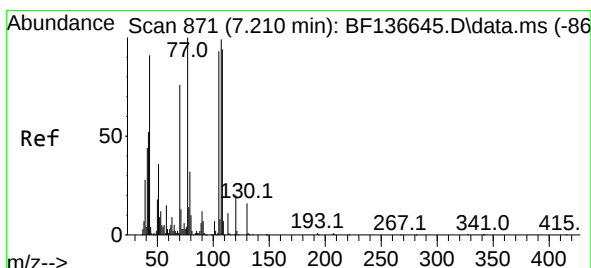
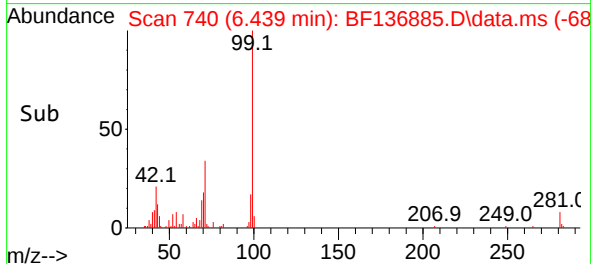
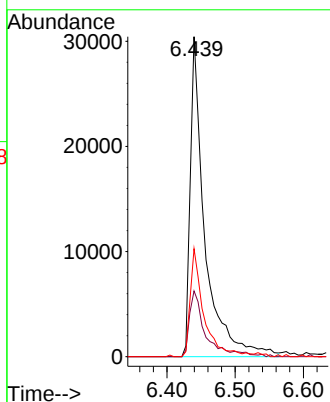
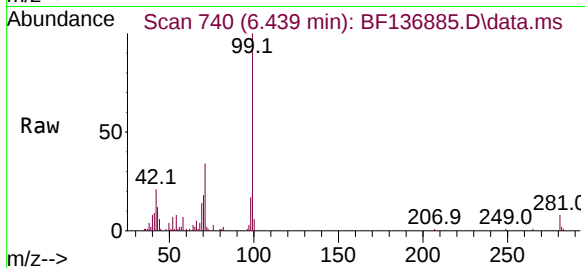




#7
Phenol-d6
Concen: 5.757 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

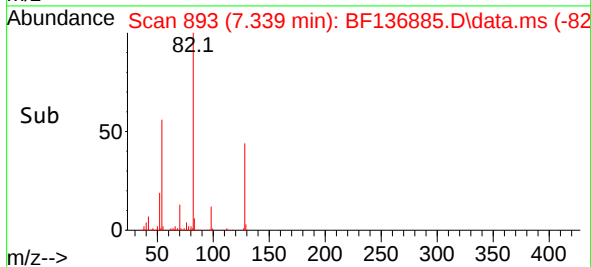
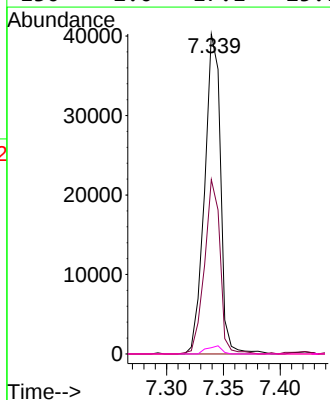
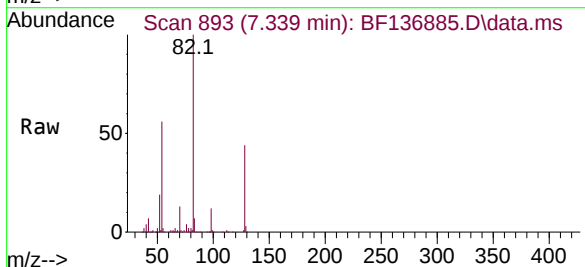
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE

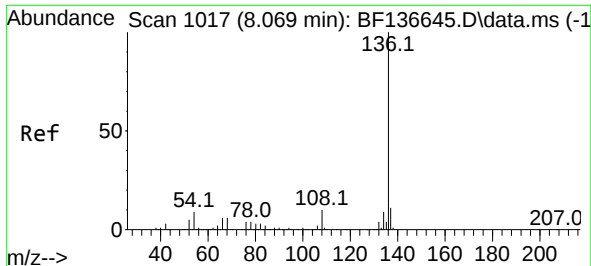
Tgt Ion: 99 Resp: 45086
Ion Ratio Lower Upper
99 100
42 20.5 16.1 24.1
71 33.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.276 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Tgt Ion: 70 Resp: 39294
Ion Ratio Lower Upper
70 100
42 54.5 54.2 81.4
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#

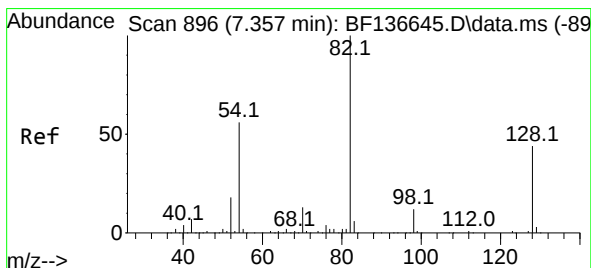
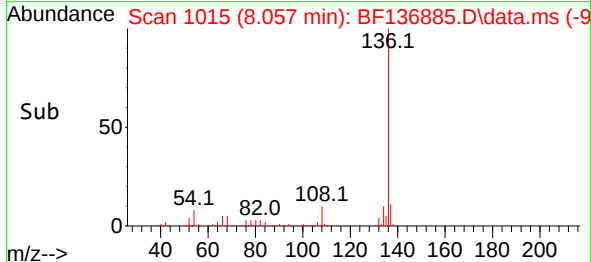
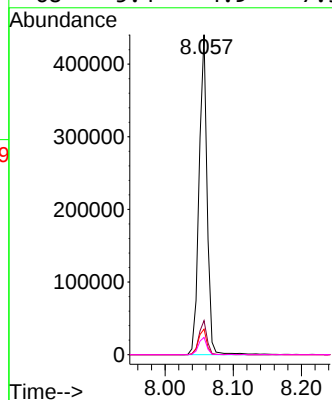
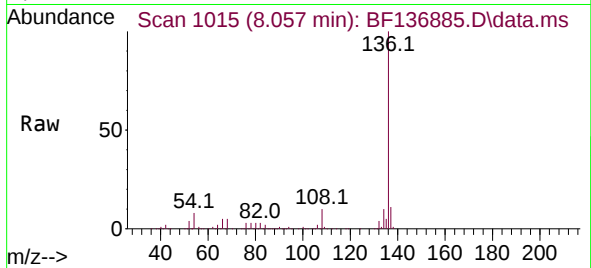




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

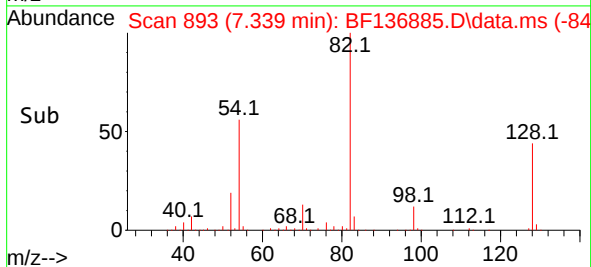
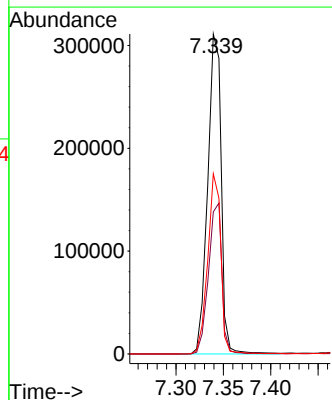
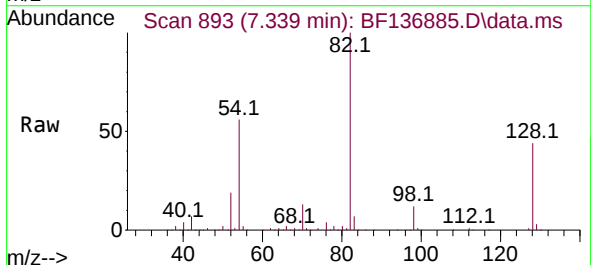
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE

Tgt Ion:136	Resp: 360101
Ion Ratio	Lower Upper
136 100	
137 10.7	9.0 13.4
54 8.0	7.2 10.8
68 5.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 43.761 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Tgt Ion: 82	Resp: 307952
Ion Ratio	Lower Upper
82 100	
128 44.4	35.3 52.9
54 56.3	44.5 66.7

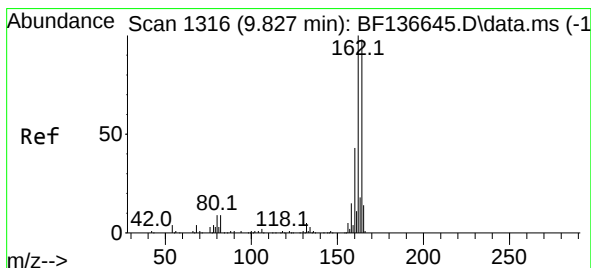
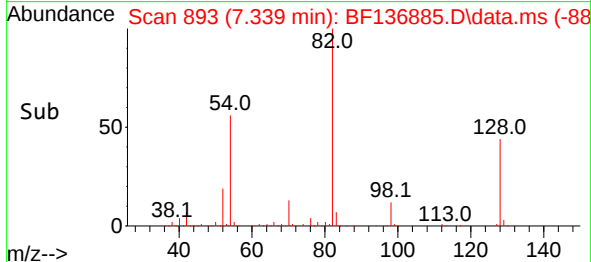
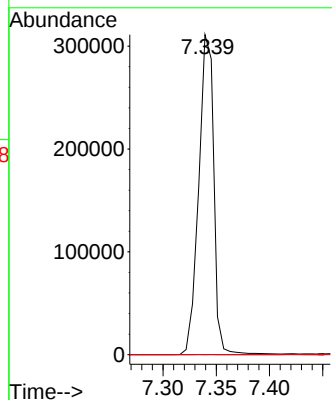
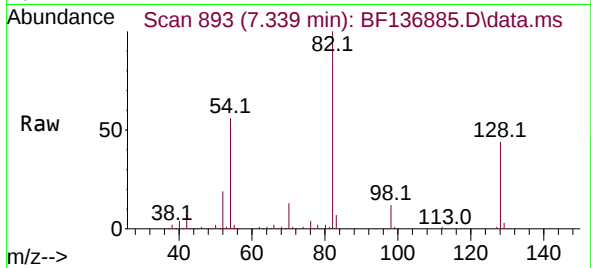




#25
Isophorone
Concen: 23.982 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

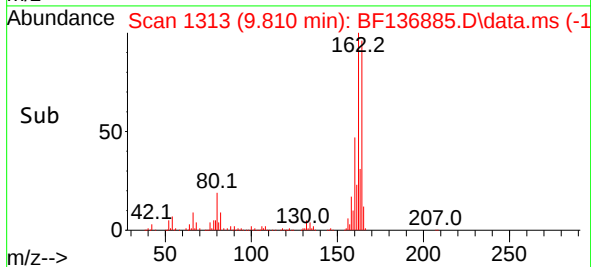
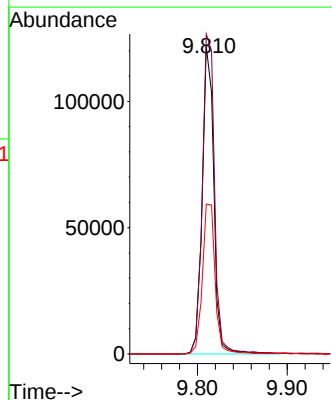
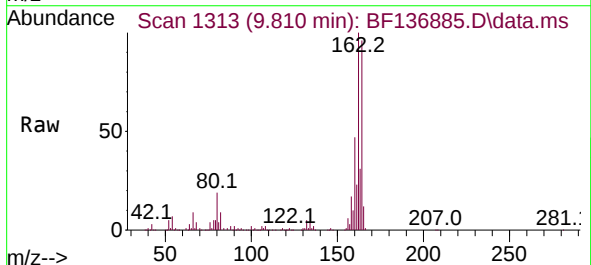
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE

Tgt Ion: 82 Resp: 307082
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. -0.018 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Tgt Ion:164 Resp: 109748
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 48.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 0.996 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136885.D

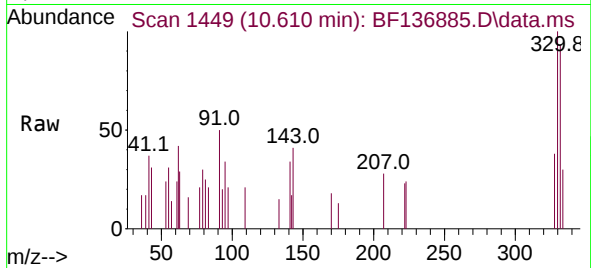
Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023RE



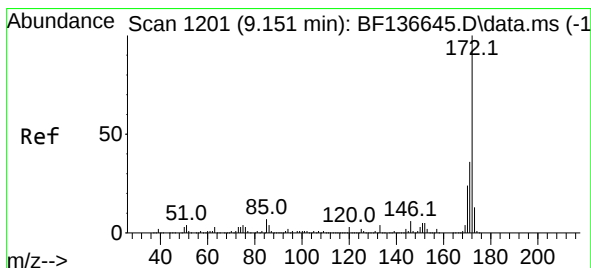
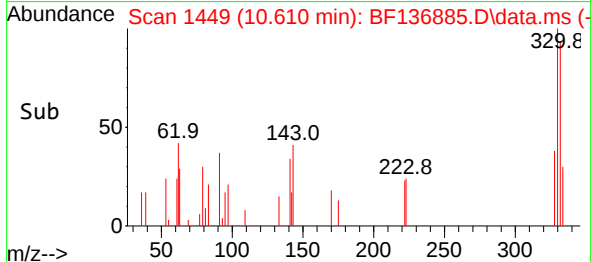
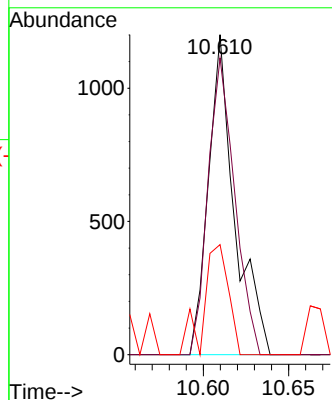
Tgt Ion:330 Resp: 1287

Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.0

141 32.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 72.803 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

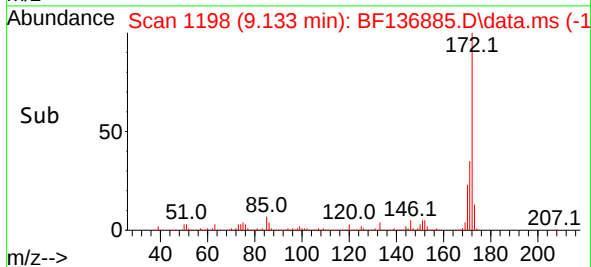
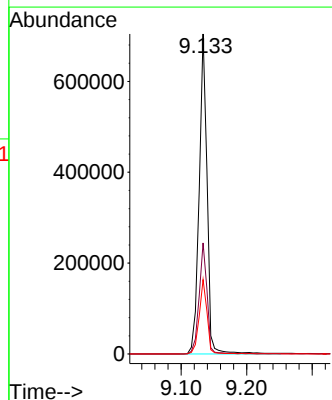
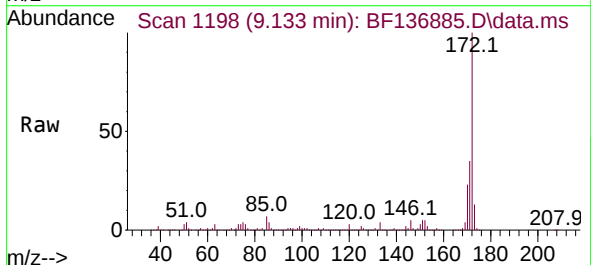
Tgt Ion:172 Resp: 594057

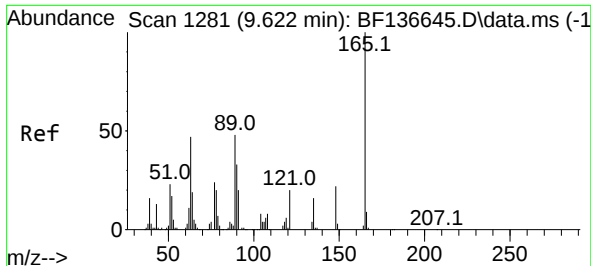
Ion Ratio Lower Upper

172 100

171 34.7 29.0 43.6

170 23.3 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.741 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.188 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023RE

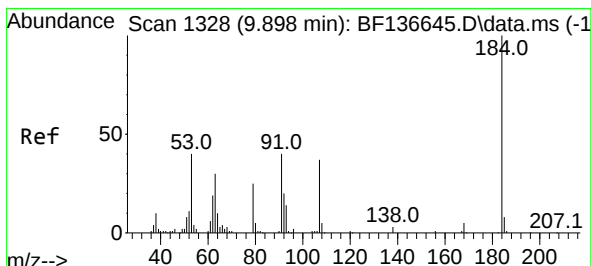
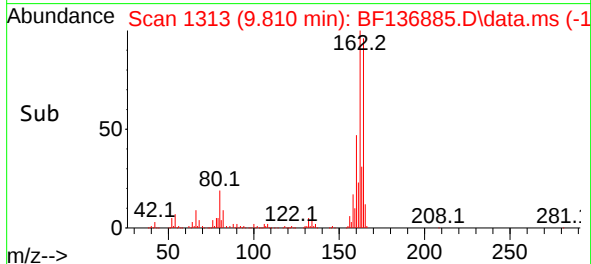
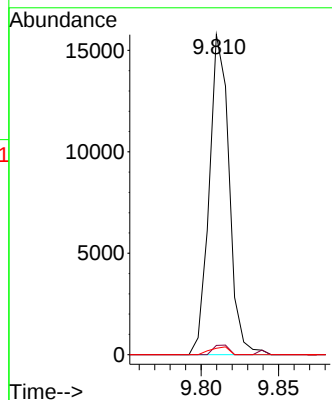
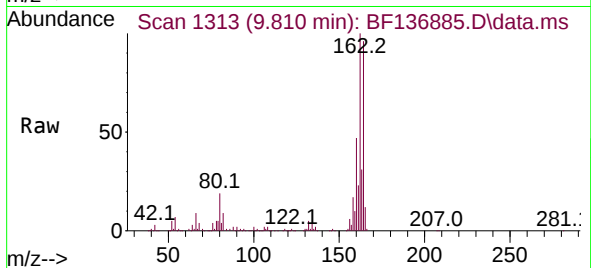
Tgt Ion:165 Resp: 14084

Ion Ratio Lower Upper

165 100

63 2.9 39.8 59.6#

89 2.0 38.8 58.2#



#54

2,4-Dinitrophenol

Concen: 3.788 ng

RT: 10.139 min Scan# 1369

Delta R.T. 0.241 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

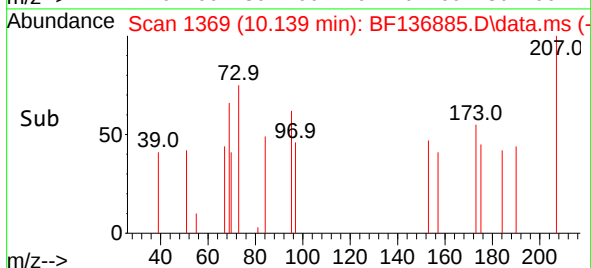
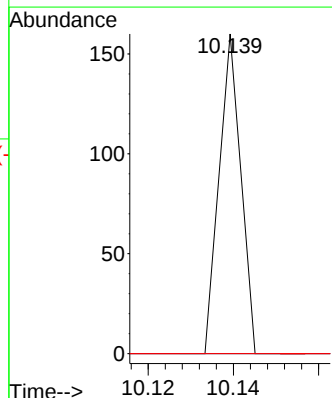
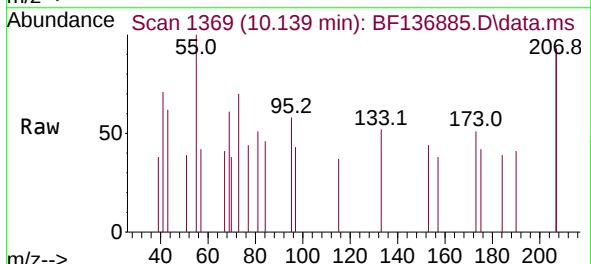
Tgt Ion:184 Resp: 56

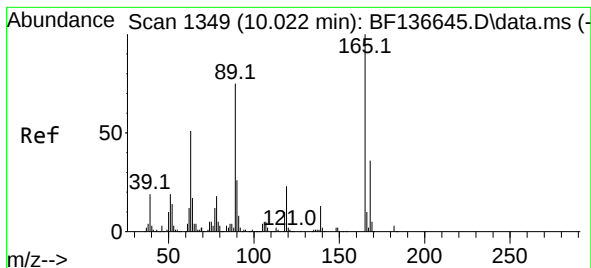
Ion Ratio Lower Upper

184 100

63 0.0 40.9 61.3#

154 0.0 42.7 64.1#





#57

2,4-Dinitrotoluene

Concen: 5.963 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.212 min

Lab File: BF136885.D

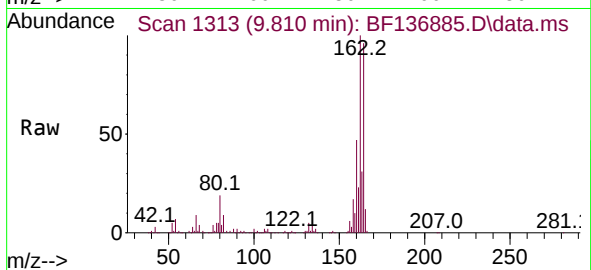
Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

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Tgt Ion:165 Resp: 14084

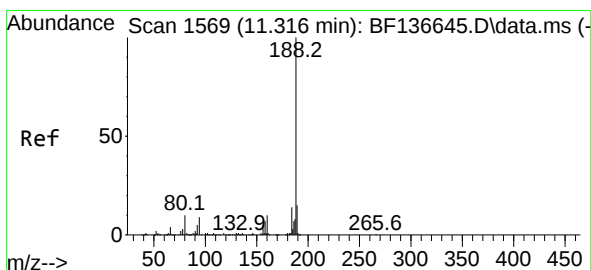
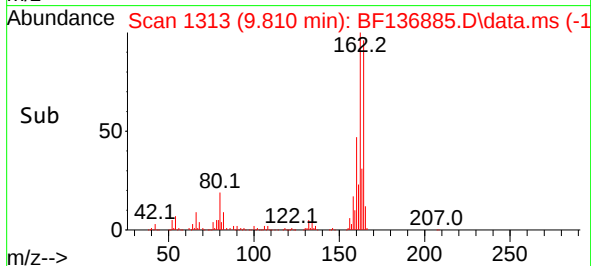
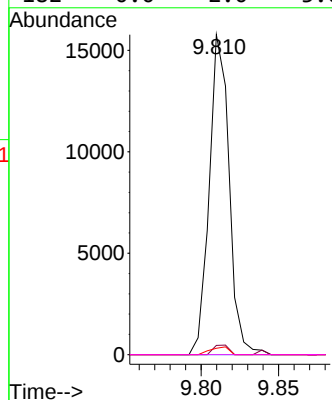
Ion Ratio Lower Upper

165 100

63 2.9 41.0 61.6#

89 2.0 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: BF136885.D

Acq: 02 Jan 2024 22:30

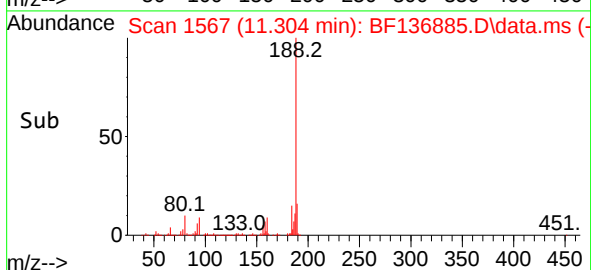
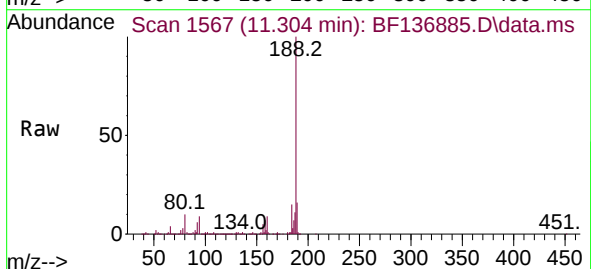
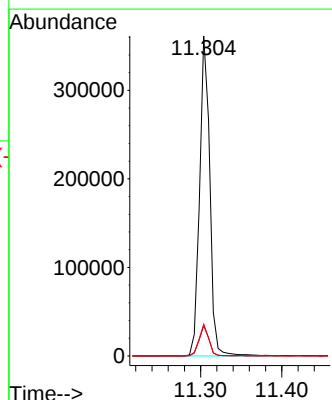
Tgt Ion:188 Resp: 316017

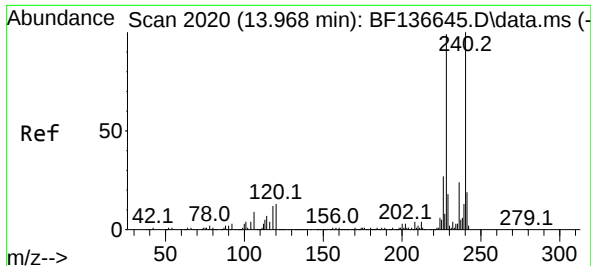
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 8.1 12.1

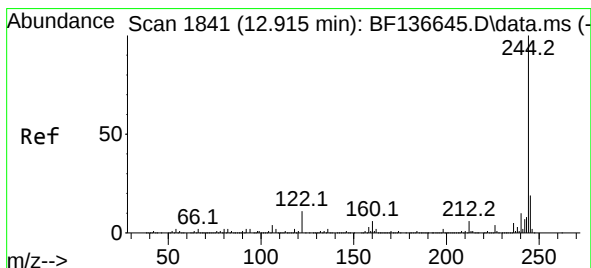
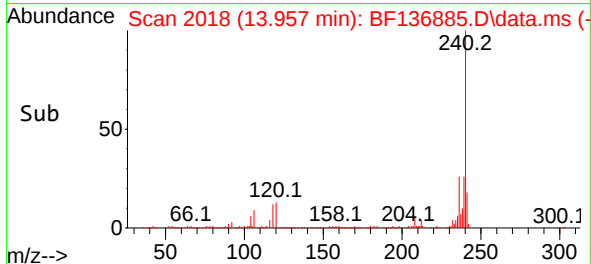
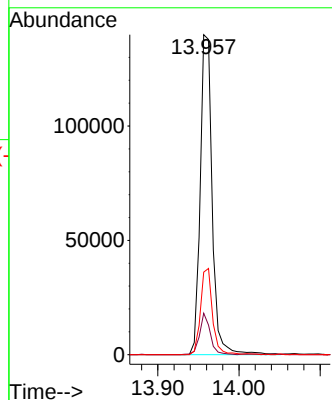
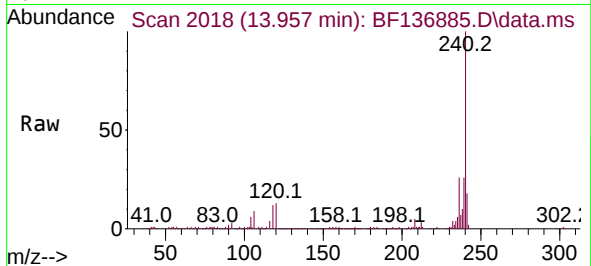




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

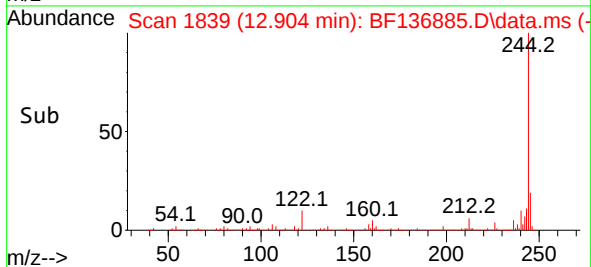
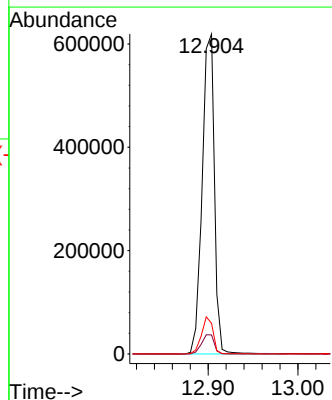
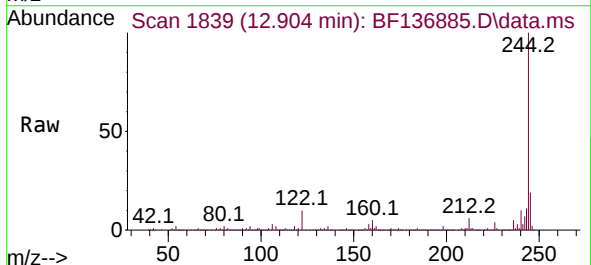
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE

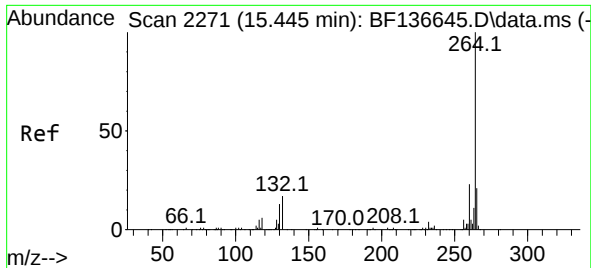
Tgt Ion:240 Resp: 144145
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.8 19.4 29.2



#79
Terphenyl-d14
Concen: 56.834 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

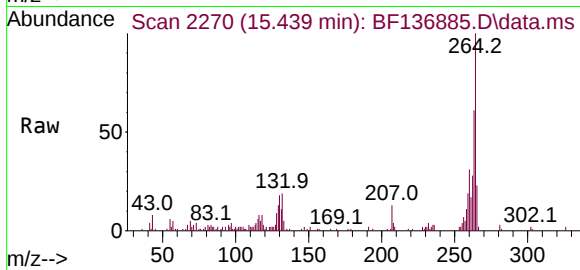
Tgt Ion:244 Resp: 586226
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 9.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE



Tgt Ion:264 Resp: 23017
Ion Ratio Lower Upper
264 100
260 30.9 18.3 27.5#
265 22.6 17.0 25.6

