

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136709.D
 Acq On : 23 Dec 2023 03:52
 Operator : CG\JU
 Sample : 05926-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-320-0-2

Quant Time: Dec 23 04:16:57 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)

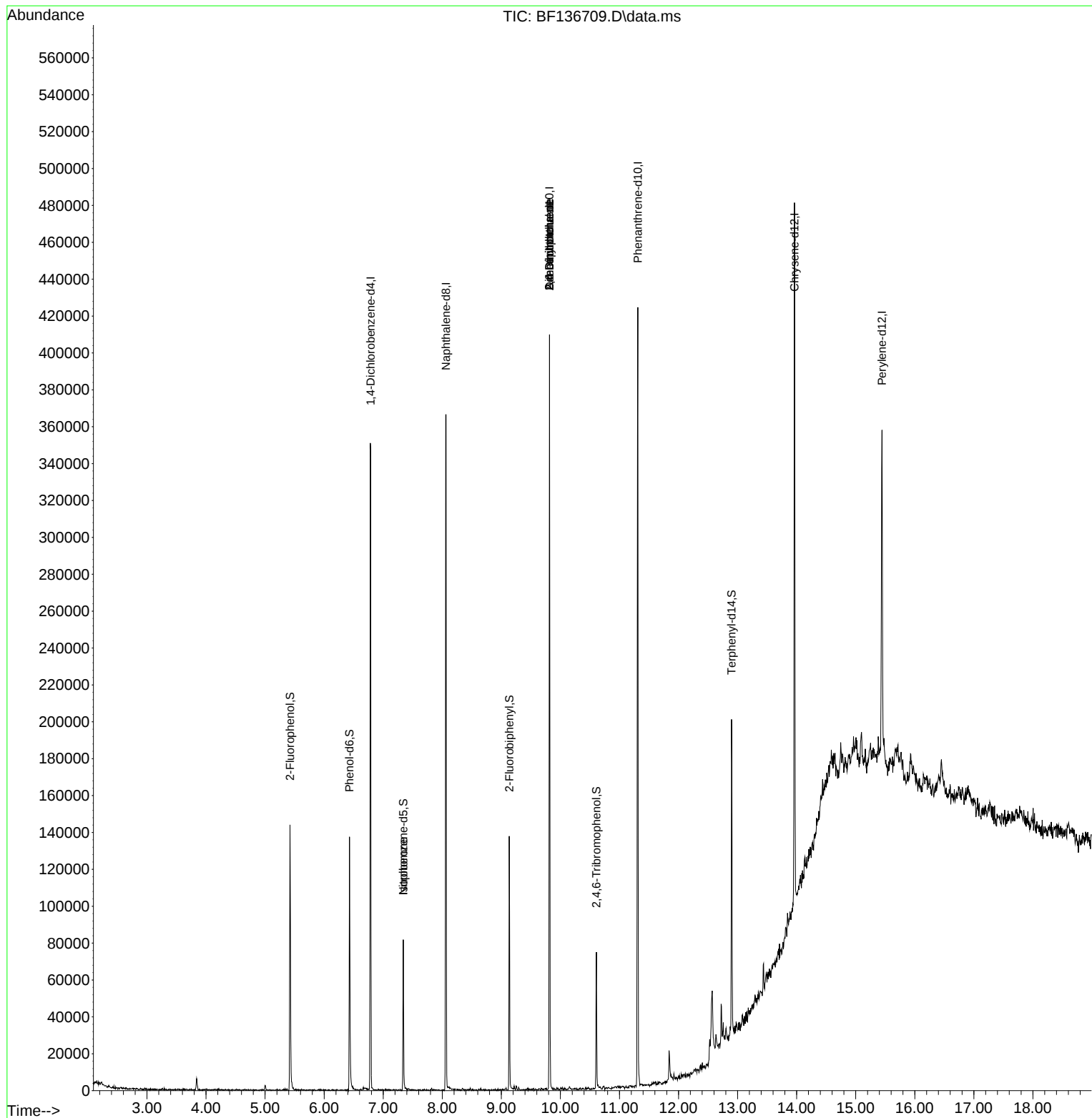
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	55618	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	166586	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	71057	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	154208	20.000	ng	0.00
76) Chrysene-d12	13.963	240	125664	20.000	ng	0.00
86) Perylene-d12	15.445	264	85756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	37392	10.490	ng	0.00
7) Phenol-d6	6.428	99	42756	9.257	ng	-0.01
23) Nitrobenzene-d5	7.340	82	22645	6.956	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	8951	10.696	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	39619	7.499	ng	-0.02
79) Terphenyl-d14	12.898	244	55704	6.195	ng	-0.02
Target Compounds						
25) Isophorone	7.340	82	22644	3.823	ng	# 65
50) Dimethylphthalate	9.816	163	14171	2.730	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	9484	8.051	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	9484	6.202	ng	# 20

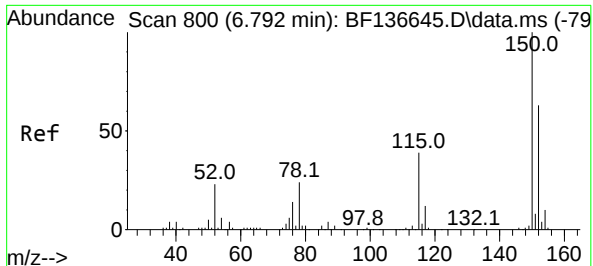
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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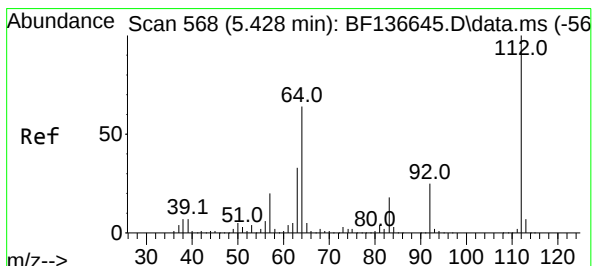
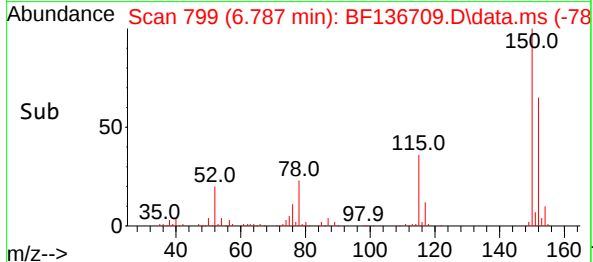
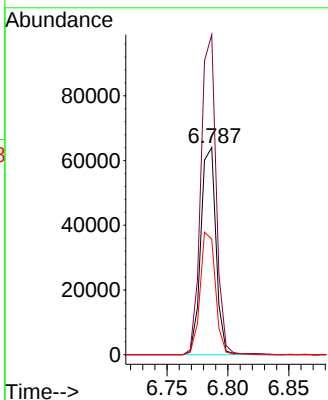
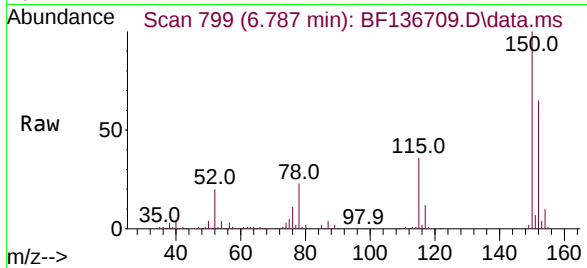




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

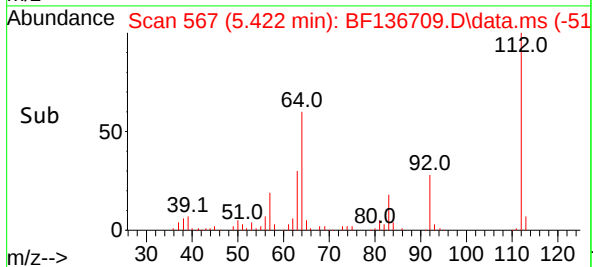
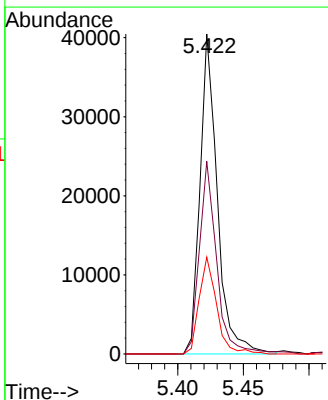
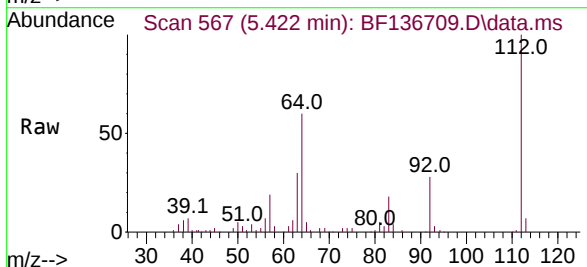
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

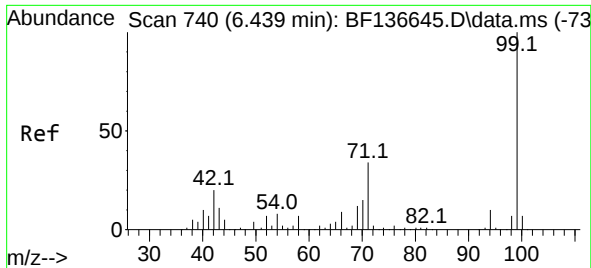
Tgt Ion:152 Resp: 55618
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 55.8 49.0 73.4



#5
2-Fluorophenol
Concen: 10.490 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

Tgt Ion:112 Resp: 37392
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.3 26.1 39.1

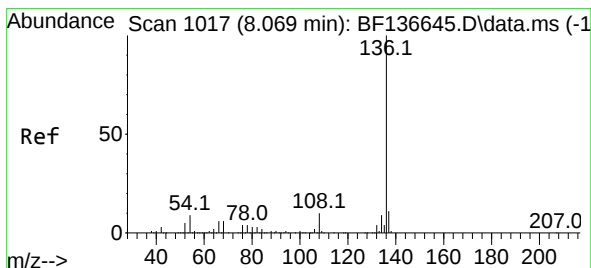
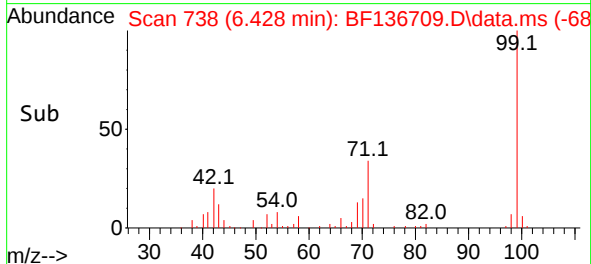
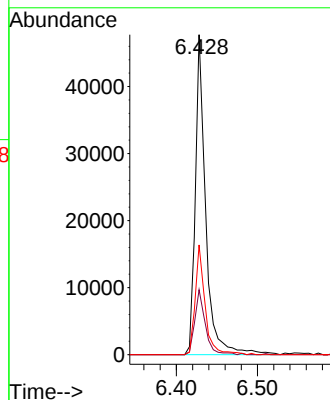
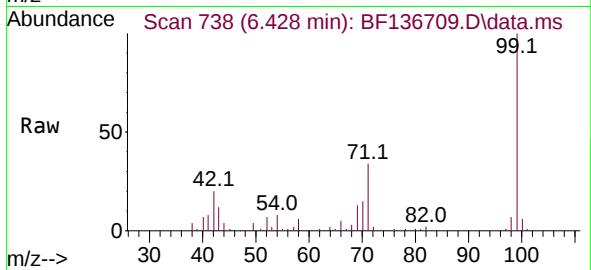




#7
Phenol-d6
Concen: 9.257 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

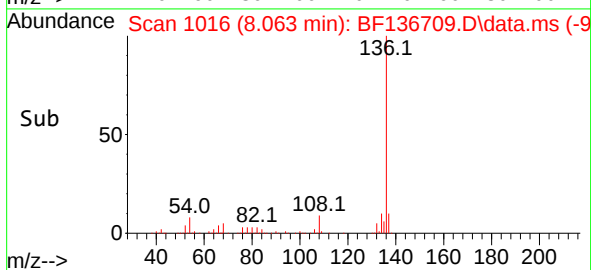
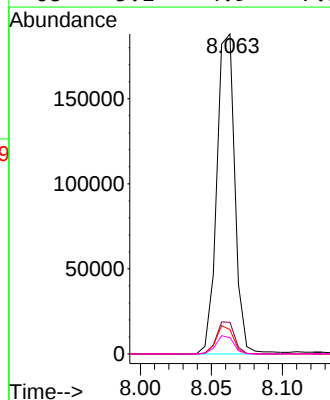
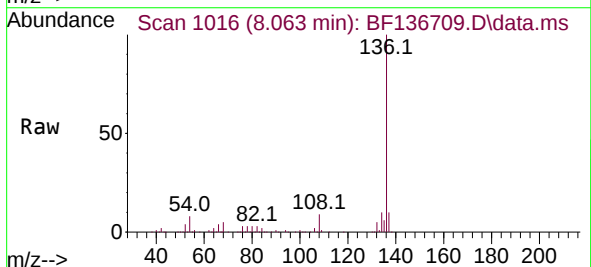
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

Tgt Ion: 99 Resp: 42756
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

Tgt Ion: 136 Resp: 166586
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.4
54 7.6 7.2 10.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 6.956 ng

RT: 7.340 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

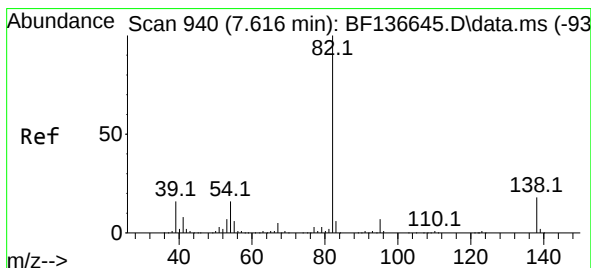
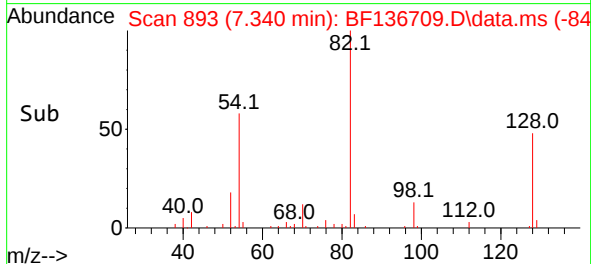
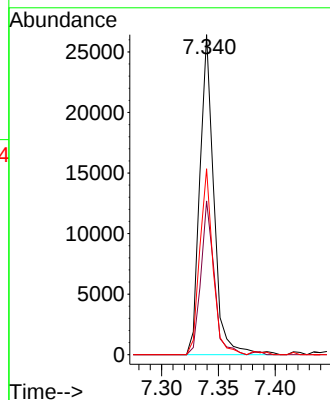
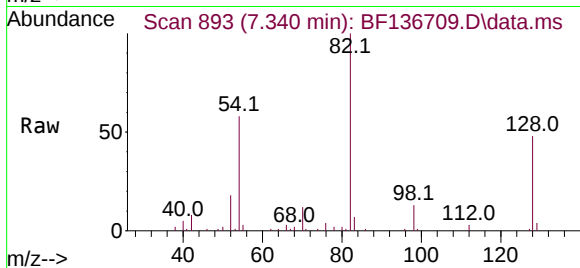
Tgt Ion: 82 Resp: 22645

Ion Ratio Lower Upper

82 100

128 48.1 35.3 52.9

54 58.1 44.5 66.7



#25

Isophorone

Concen: 3.823 ng

RT: 7.340 min Scan# 893

Delta R.T. -0.276 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

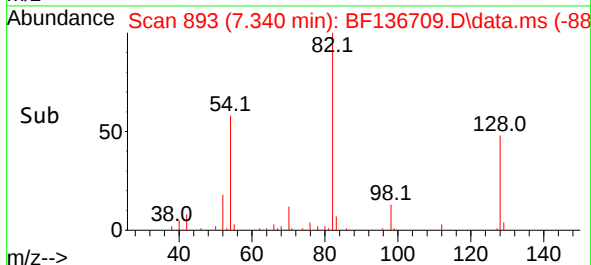
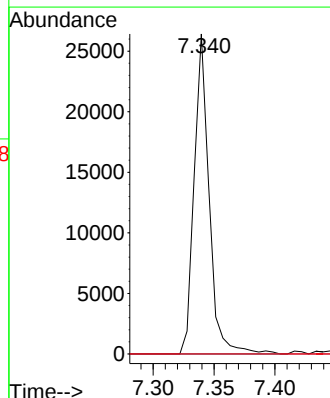
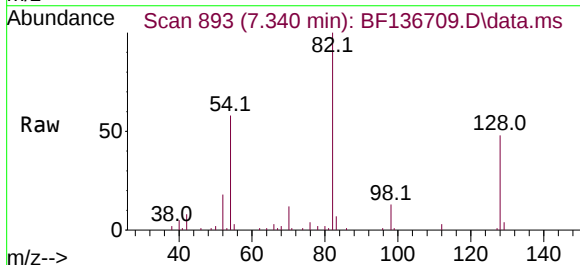
Tgt Ion: 82 Resp: 22644

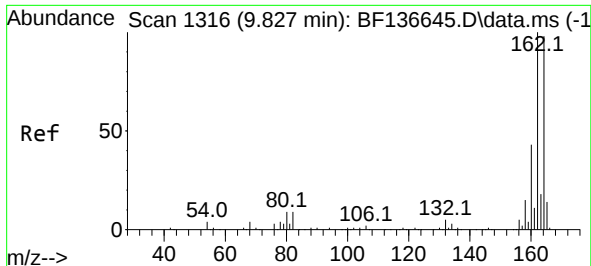
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

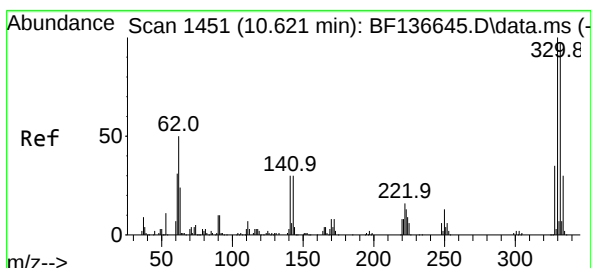
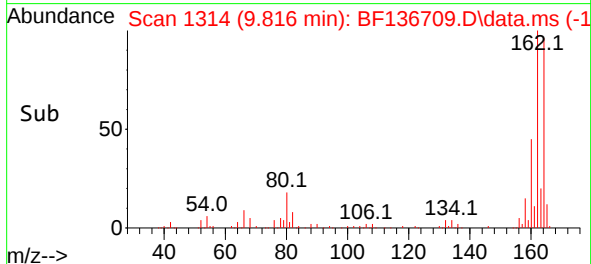
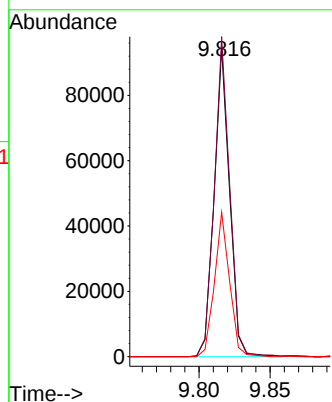
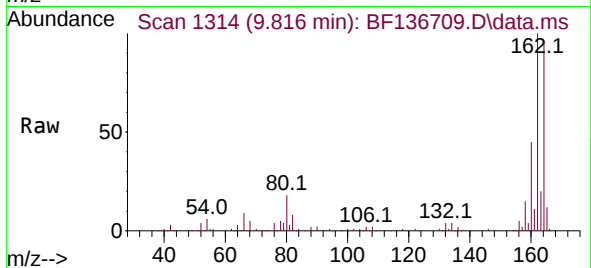
Tgt Ion:164 Resp: 71057

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

160 46.8 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 10.696 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

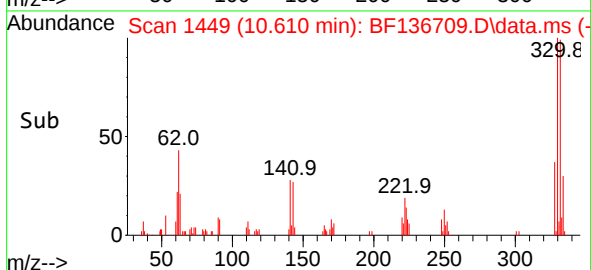
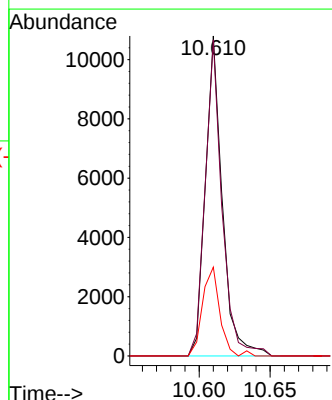
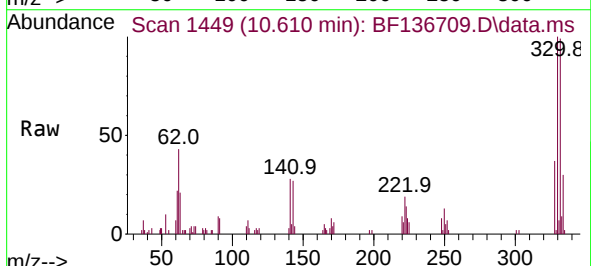
Tgt Ion:330 Resp: 8951

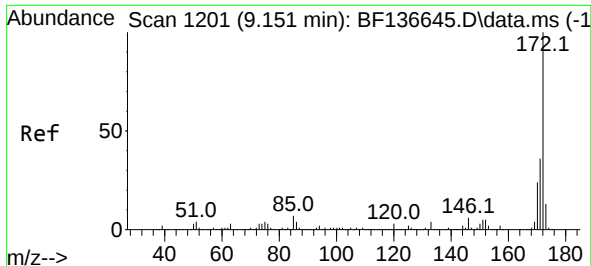
Ion Ratio Lower Upper

330 100

332 98.6 77.4 116.0

141 28.6 23.4 35.2

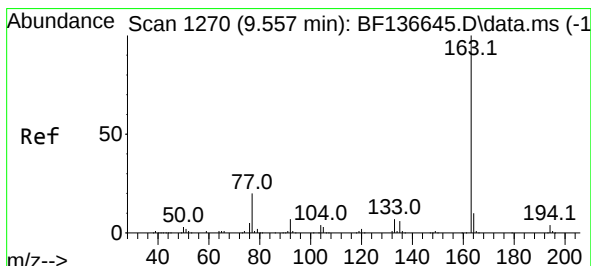
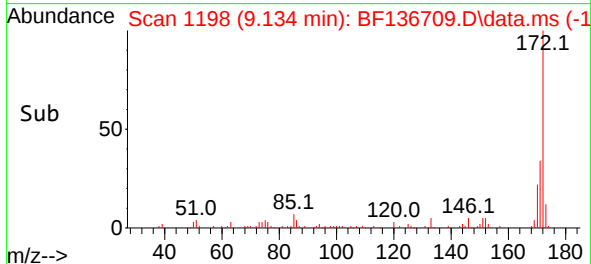
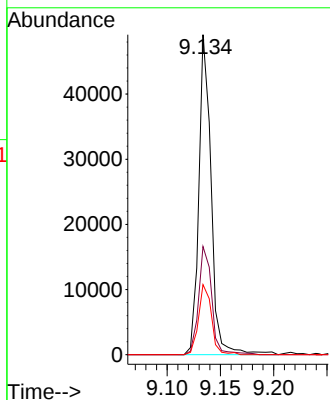
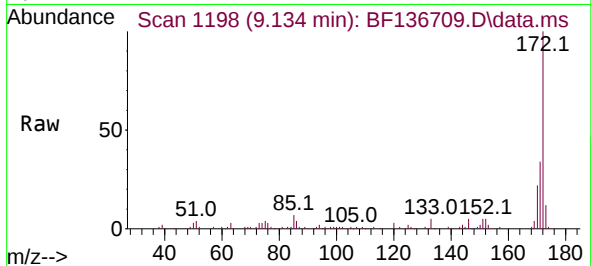




#45
2-Fluorobiphenyl
Concen: 7.499 ng
RT: 9.134 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

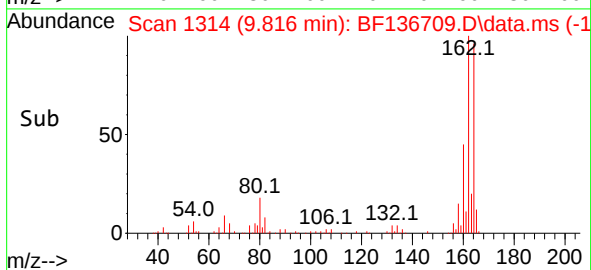
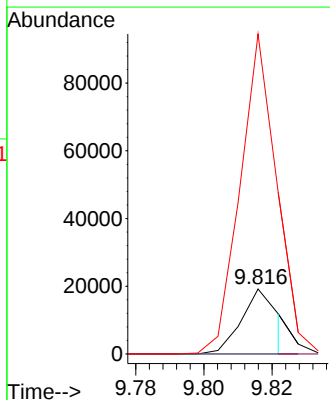
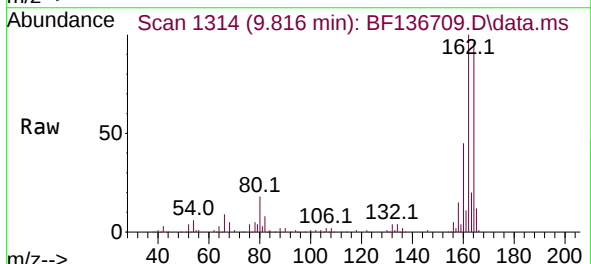
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

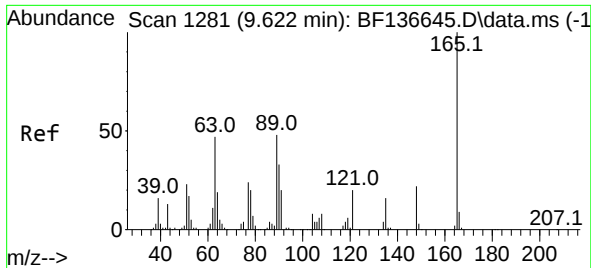
Tgt Ion:172 Resp: 39619
Ion Ratio Lower Upper
172 100
171 33.8 29.0 43.6
170 21.9 19.0 28.4



#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

Tgt Ion:163 Resp: 14171
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 493.0 7.8 11.6#

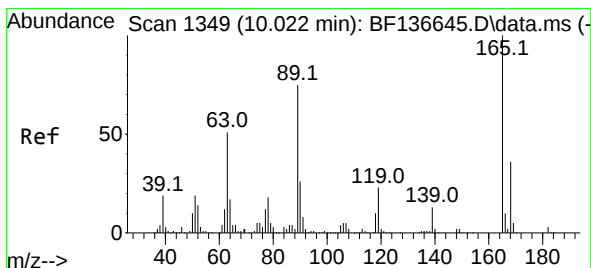
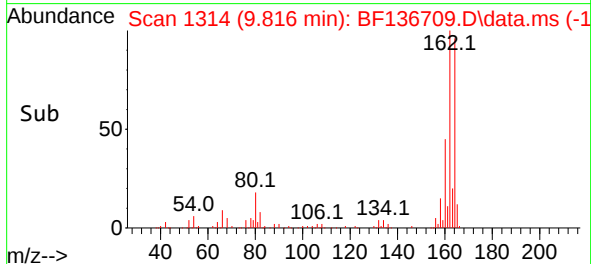
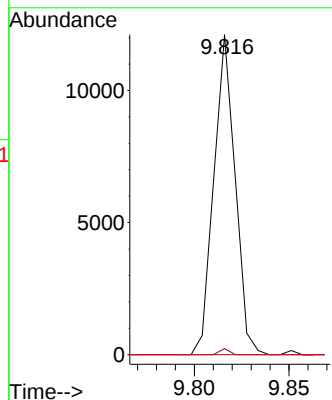
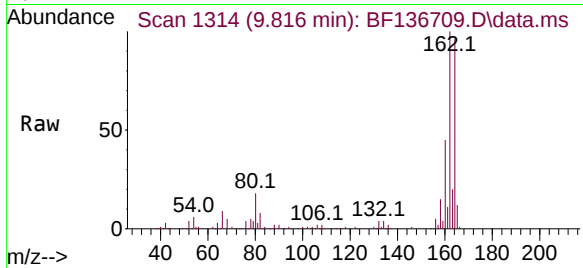




#51
2,6-Dinitrotoluene
Concen: 8.051 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

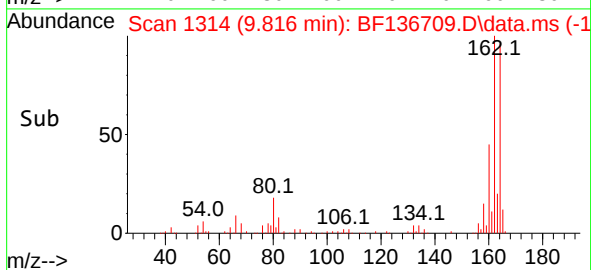
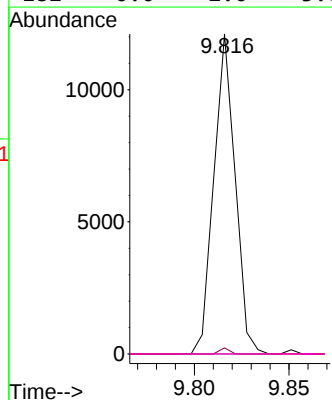
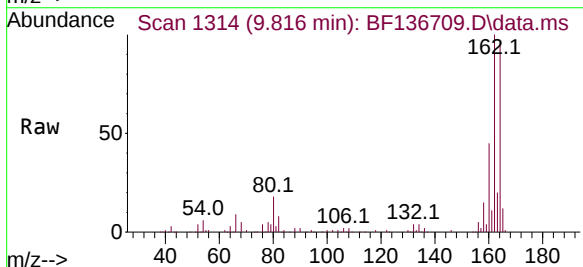
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

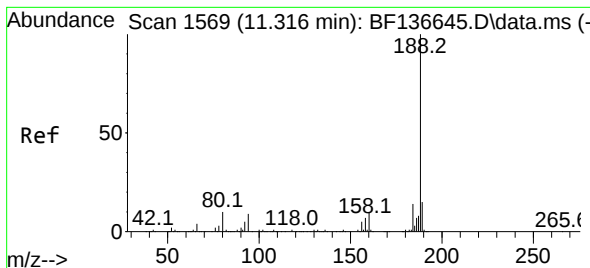
Tgt Ion:165 Resp: 9484
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.202 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

Tgt Ion:165 Resp: 9484
Ion Ratio Lower Upper
165 100
63 1.9 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

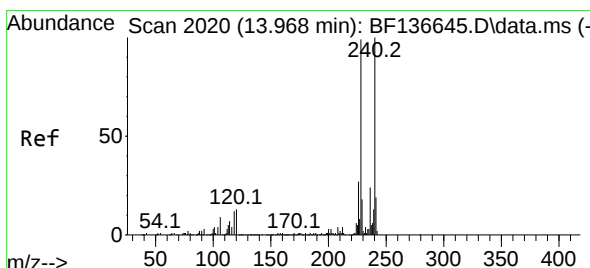
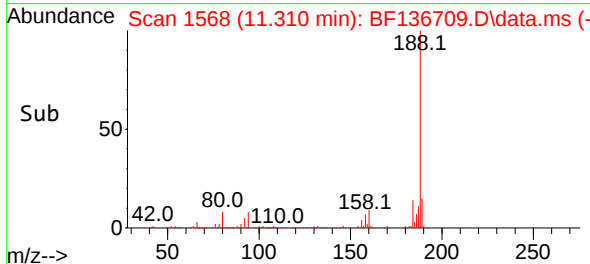
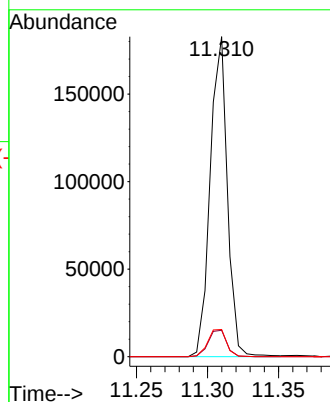
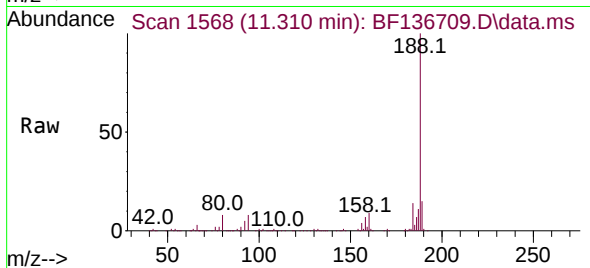
Tgt Ion:188 Resp: 154208

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

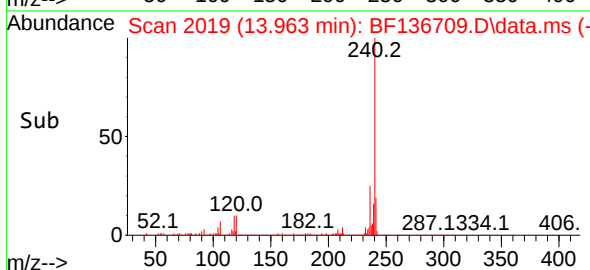
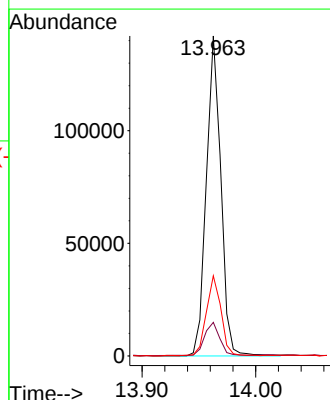
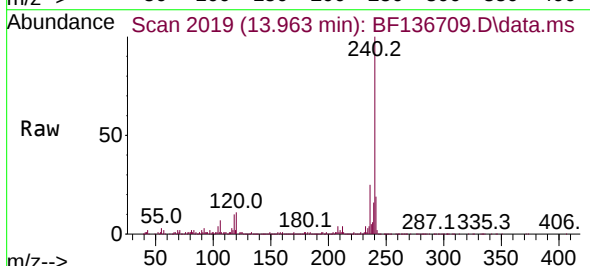
Tgt Ion:240 Resp: 125664

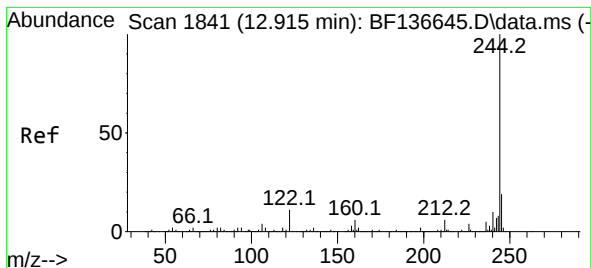
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 25.0 19.4 29.2





#79

Terphenyl-d14

Concen: 6.195 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.017 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

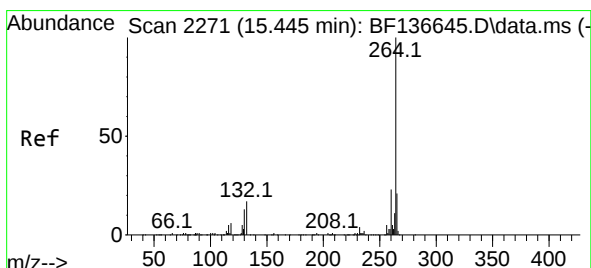
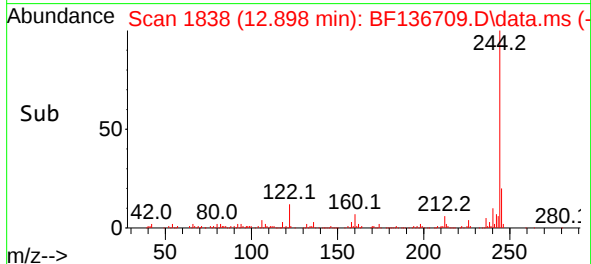
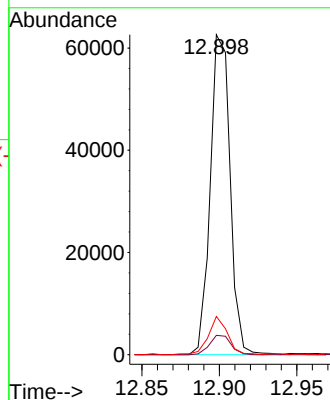
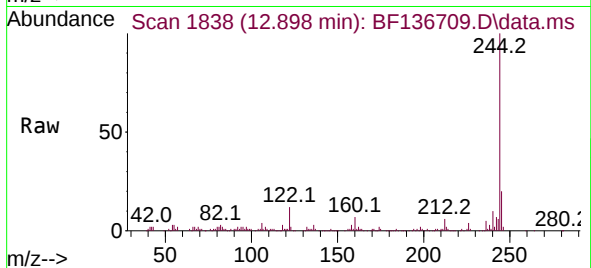
Tgt Ion:244 Resp: 55704

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 12.0 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: BF136709.D

Acq: 23 Dec 2023 03:52

Tgt Ion:264 Resp: 85756

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.6 17.0 25.6

