

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 :

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)

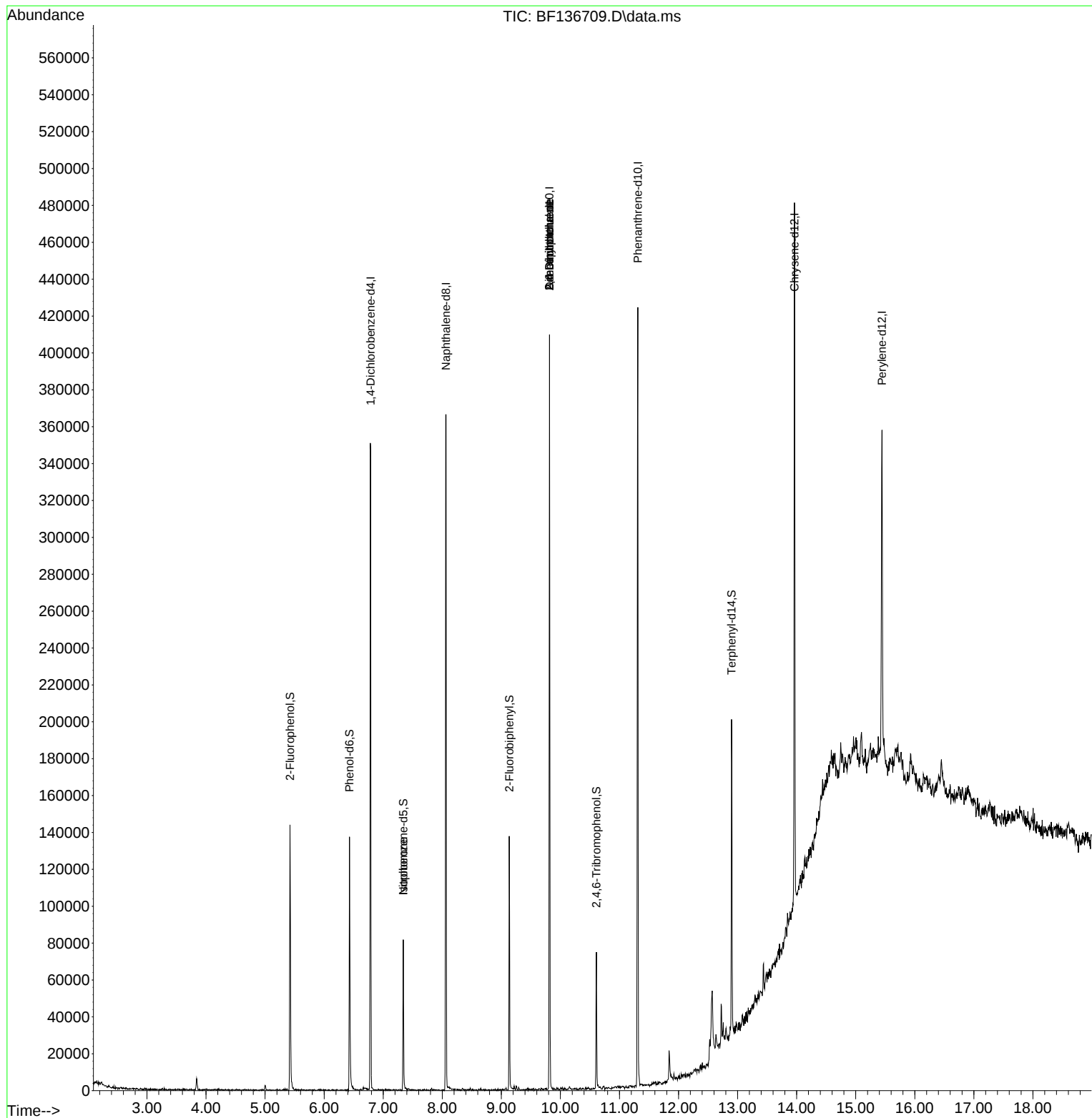
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	55618	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	166586	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	71057	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	154208	20.000	ng	0.00
76) Chrysene-d12	13.963	240	125664	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
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

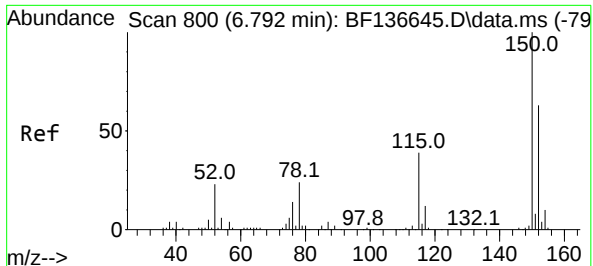
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

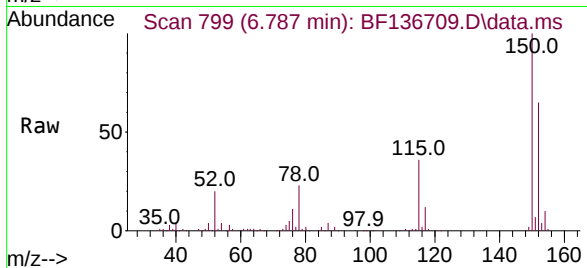
Quant Time: Dec 23 04:16:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



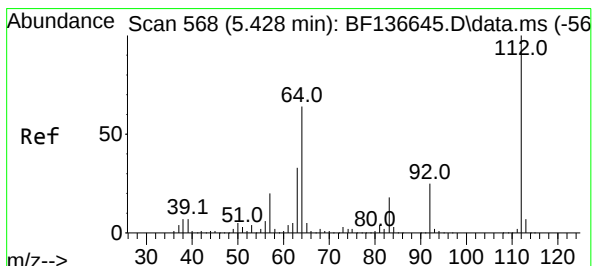
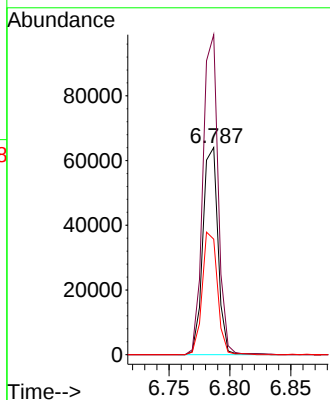
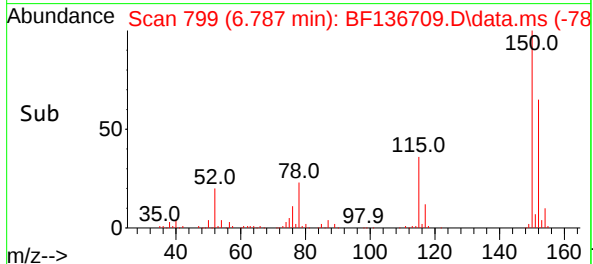


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

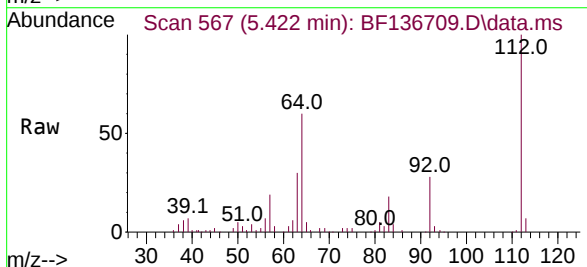
Instrument :
BNA_F
ClientSampleId :



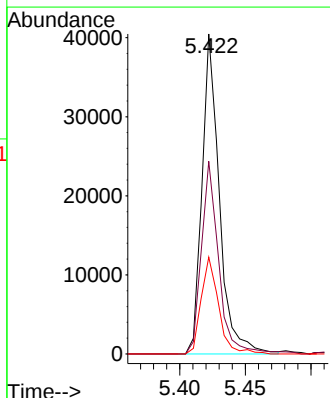
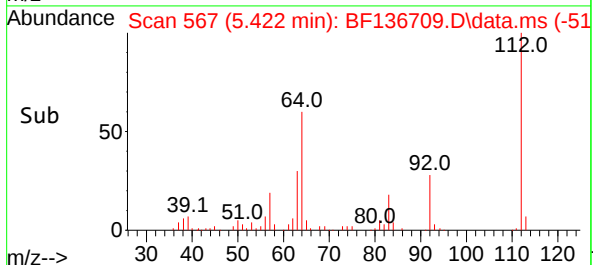
Tgt Ion:152 Resp: 55618
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 55.8 49.0 73.4

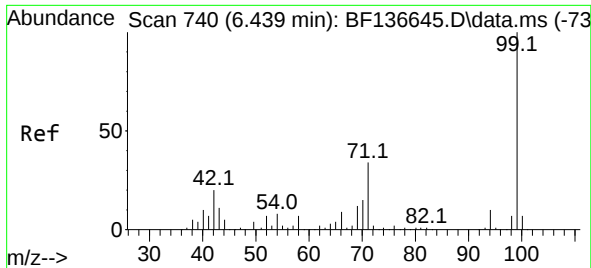


#5
2-Fluorophenol
Concen: 10.490 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52



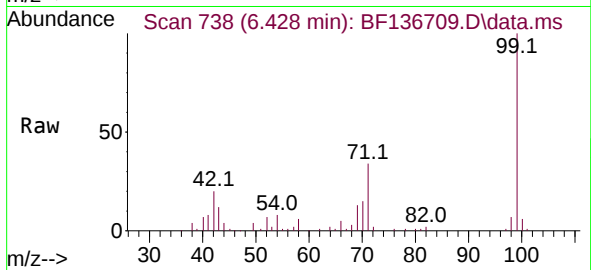
Tgt Ion:112 Resp: 37392
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 30.3 26.1 39.1



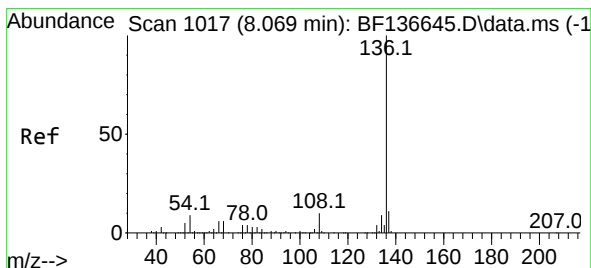
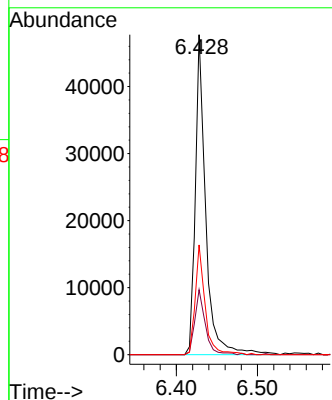
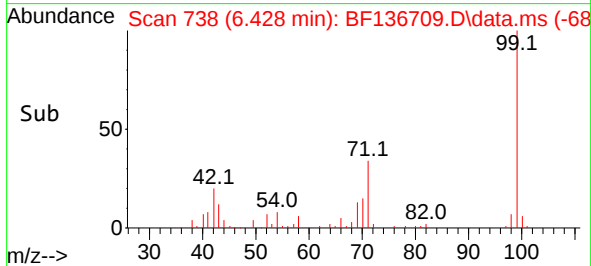


#7
Phenol-d6
Concen: 9.257 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

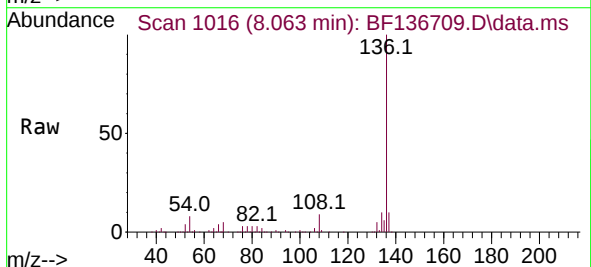
Instrument :
BNA_F
ClientSampleId :



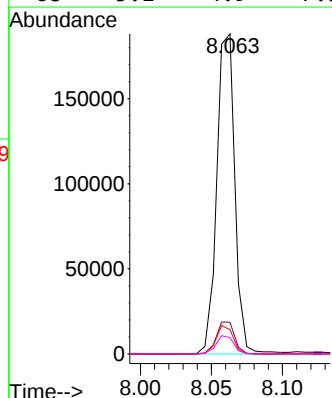
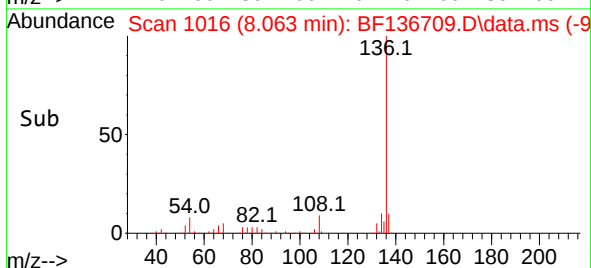
Tgt Ion: 99 Resp: 42756
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.3 27.4 41.2



#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

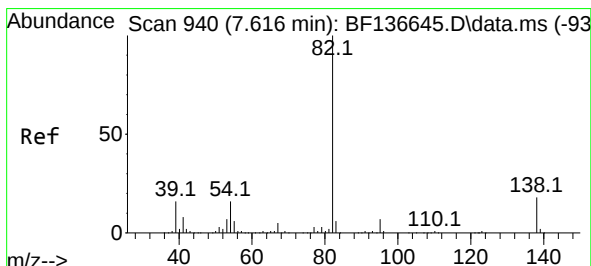
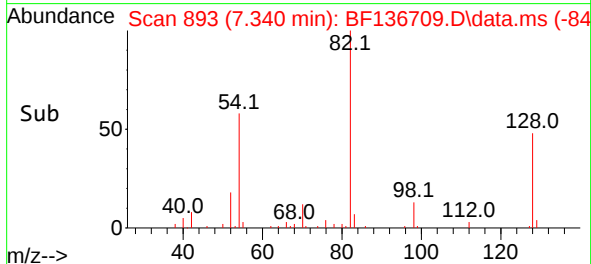
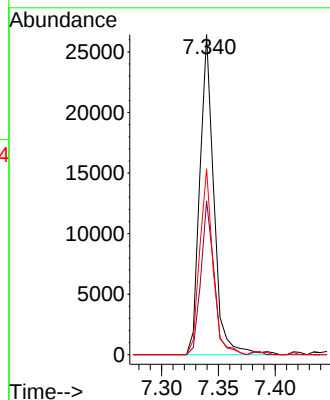
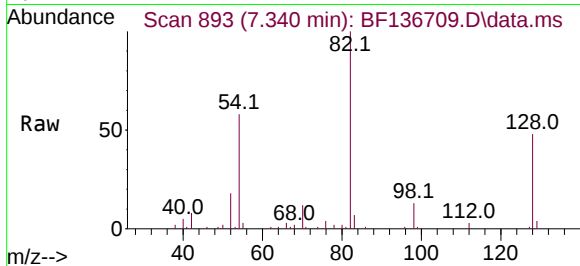




#23
Nitrobenzene-d5
Concen: 6.956 ng
RT: 7.340 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF136709.D
Acq: 23 Dec 2023 03:52

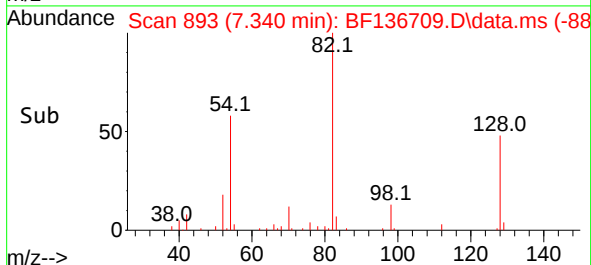
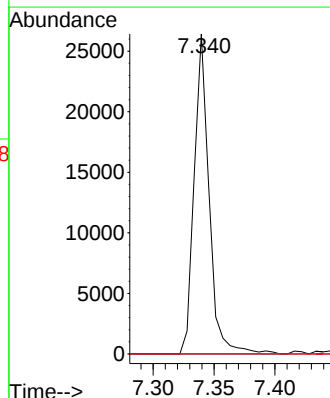
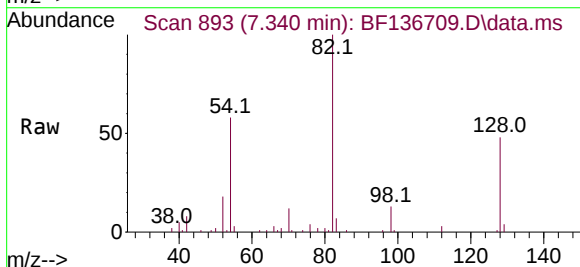
Instrument :
BNA_F
ClientSampleId :

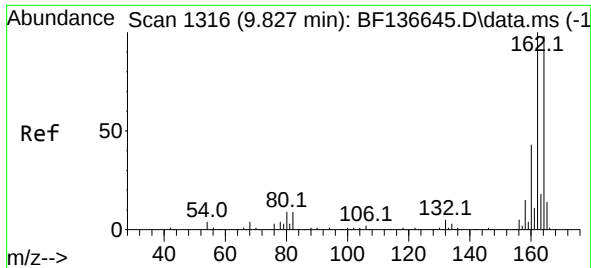
Tgt Ion: 82 Resp: 22645
Ion Ratio Lower Upper
82 100
128 48.1 35.3 52.9
54 58.1 44.5 66.7



#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

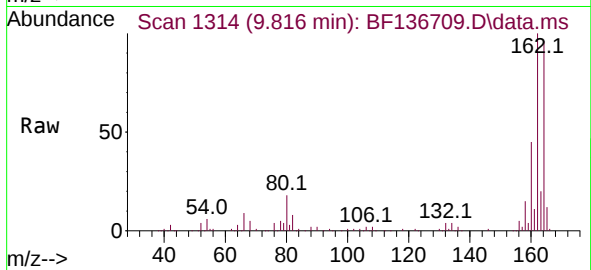
Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :



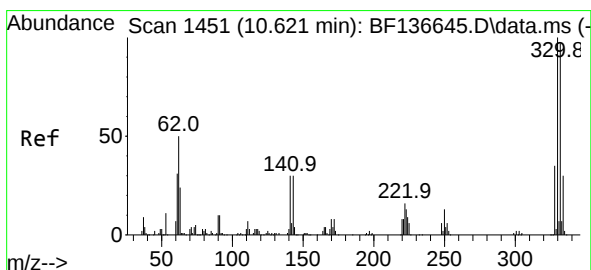
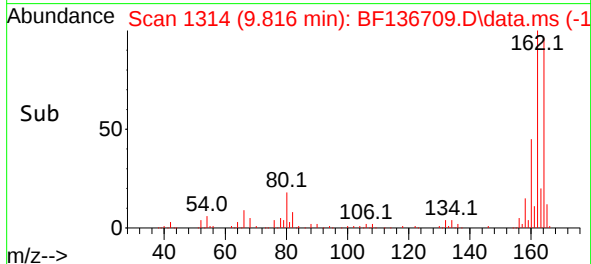
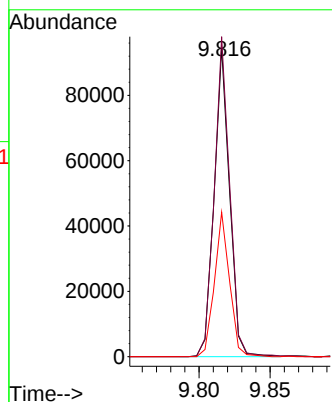
Tgt Ion:164 Resp: 71057

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

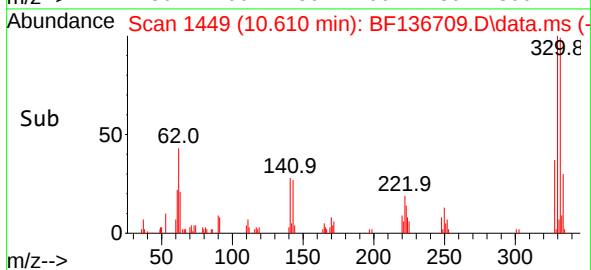
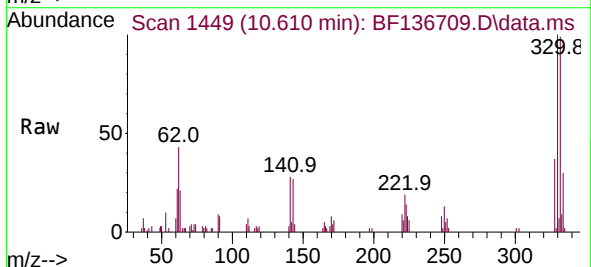
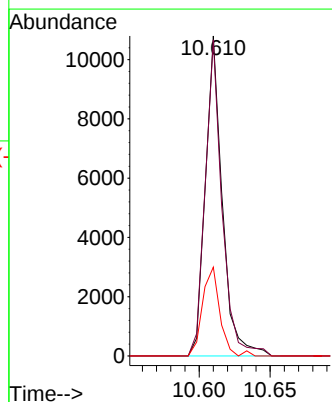
Tgt Ion:330 Resp: 8951

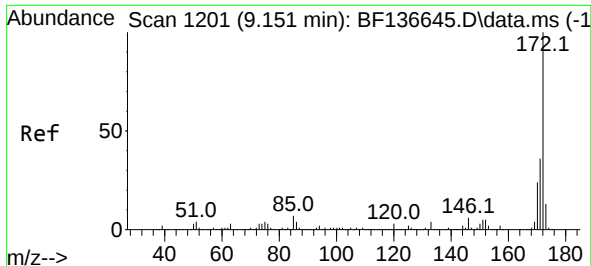
Ion Ratio Lower Upper

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# 1198

Delta R.T. -0.017 min

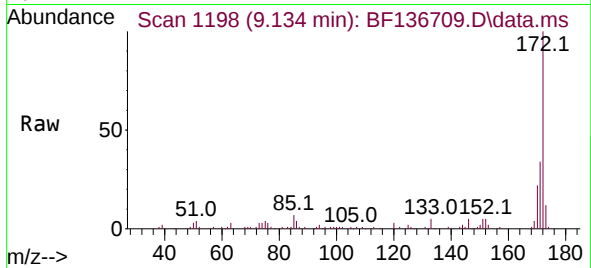
Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :



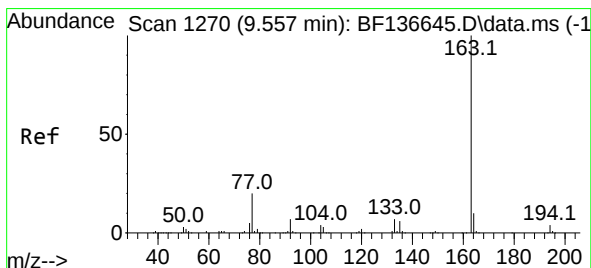
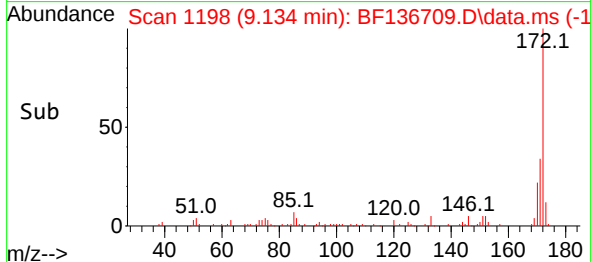
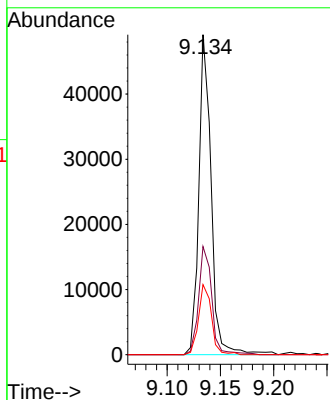
Tgt Ion:172 Resp: 39619

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

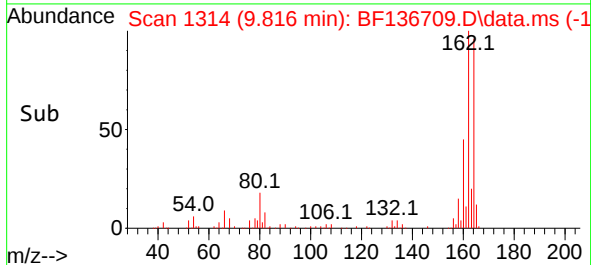
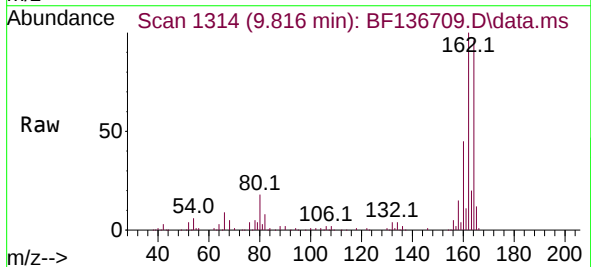
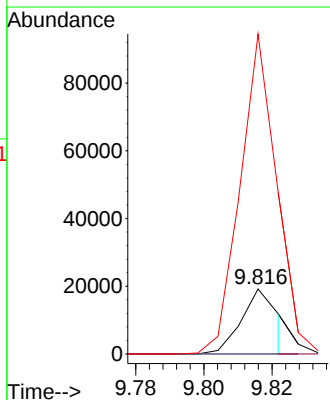
Tgt Ion:163 Resp: 14171

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# 1314

Delta R.T. 0.194 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

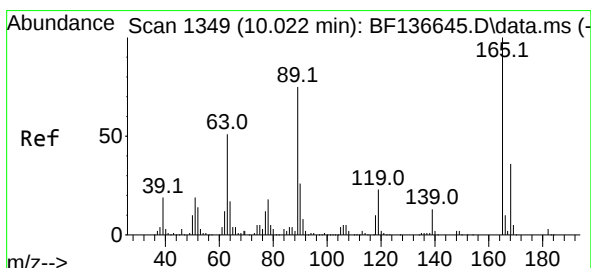
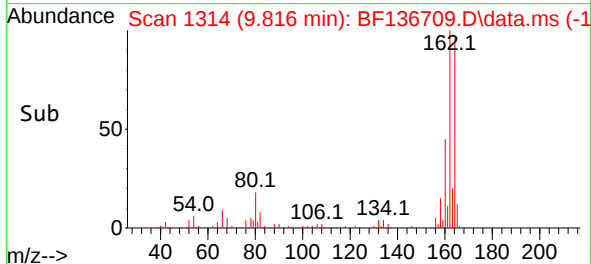
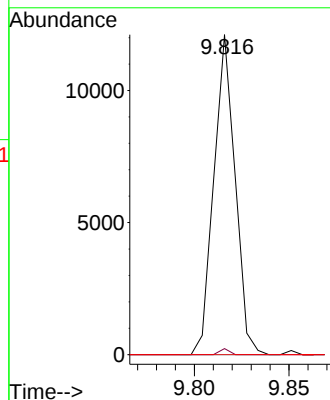
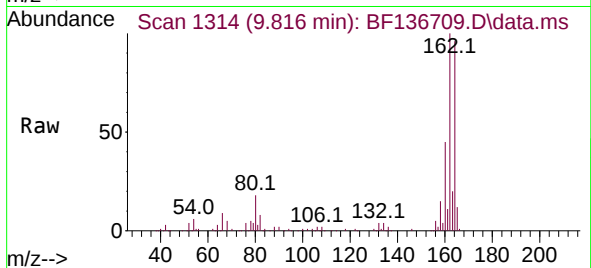
Tgt Ion:165 Resp: 9484

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

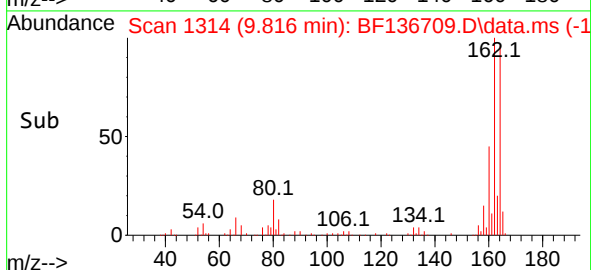
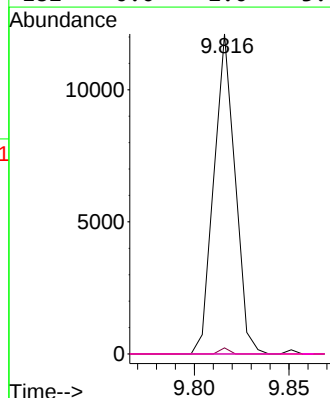
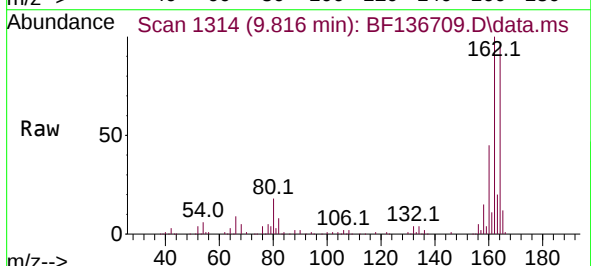
Ion Ratio Lower Upper

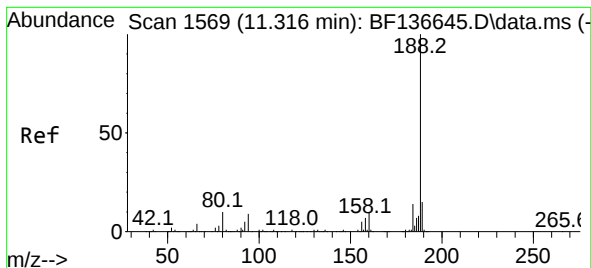
165 100

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# 11

Delta R.T. -0.006 min

Lab File: BF136709.D

Acq: 23 Dec 2023 03:52

Instrument :

BNA_F

ClientSampleId :

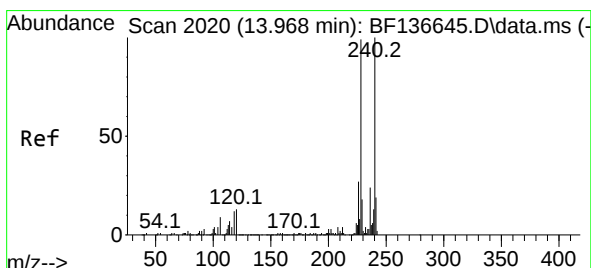
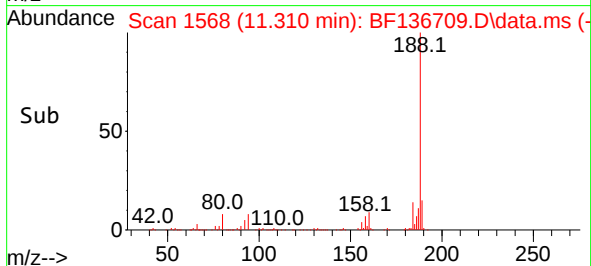
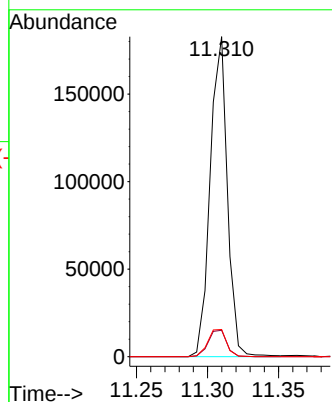
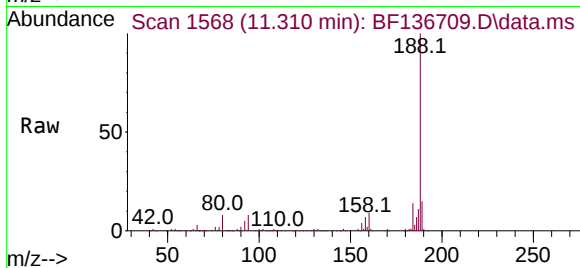
Tgt Ion:188 Resp: 154208

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

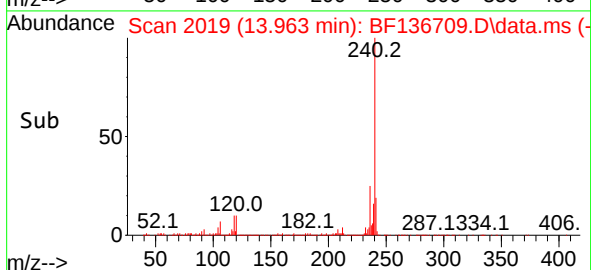
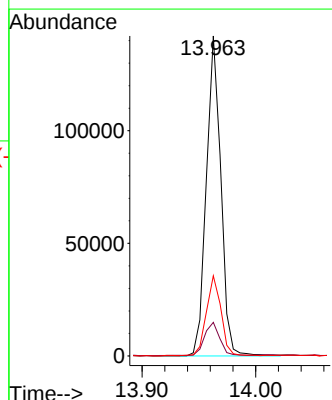
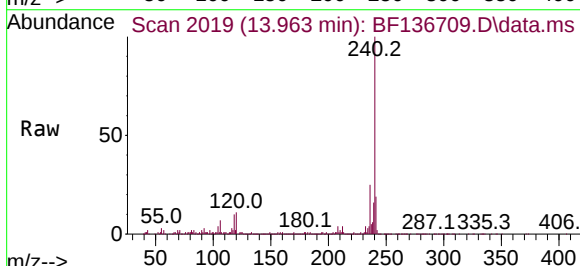
Tgt Ion:240 Resp: 125664

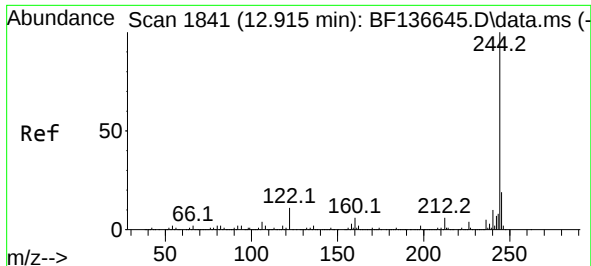
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

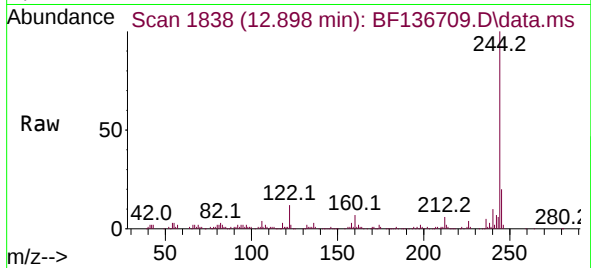
236 25.0 19.4 29.2



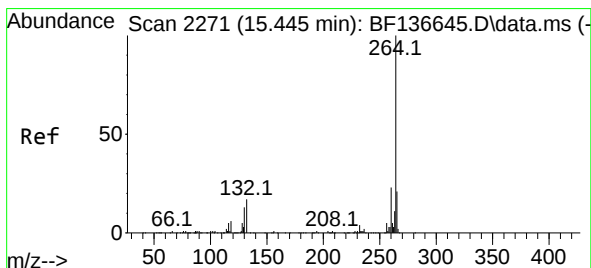
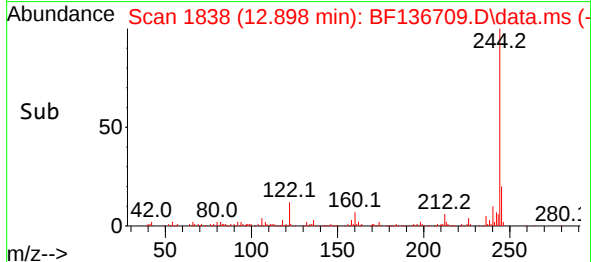
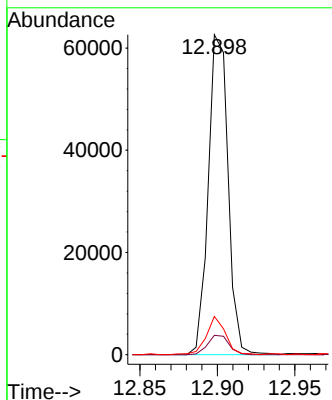


#79
 Terphenyl-d14
 Concen: 6.195 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.017 min
 Lab File: BF136709.D
 Acq: 23 Dec 2023 03:52

Instrument :
 BNA_F
 ClientSampleId :



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

