

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136764.D
 Acq On : 27 Dec 2023 18:25
 Operator : CG\JU
 Sample : 05900-08RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

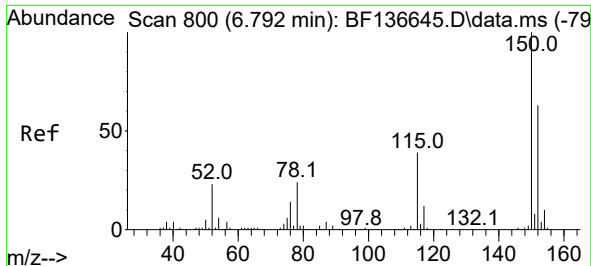
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 22:44:42 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)

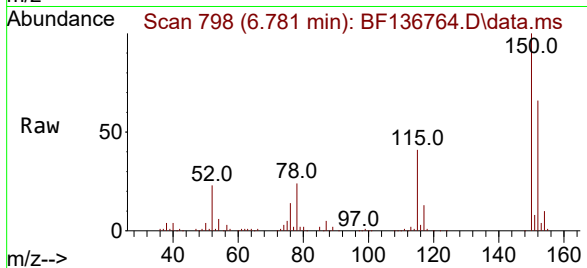
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68999	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	256829	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	128640	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	242042	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	130150	20.000	ng	-0.01
86) Perylene-d12	15.439	264	149999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	314707	71.165	ng	0.00
7) Phenol-d6	6.428	99	399069	69.644	ng	-0.01
23) Nitrobenzene-d5	7.340	82	246887	49.190	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	109251	72.112	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	485584	50.770	ng	-0.02
79) Terphenyl-d14	12.898	244	446933	47.989	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	31546	9.082	ng	# 74
25) Isophorone	7.340	82	246883	27.033	ng	# 65
50) Dimethylphthalate	9.816	163	26933	2.866	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17025	7.984	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17025	6.150	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	6549	2.436	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	21647	3.701	ng	# 97

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

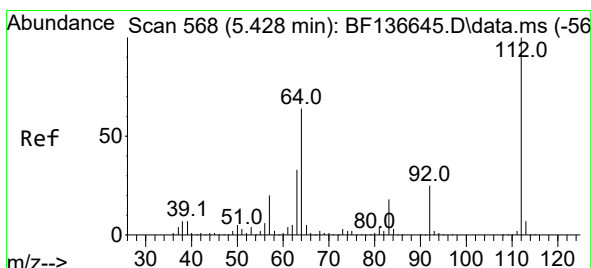
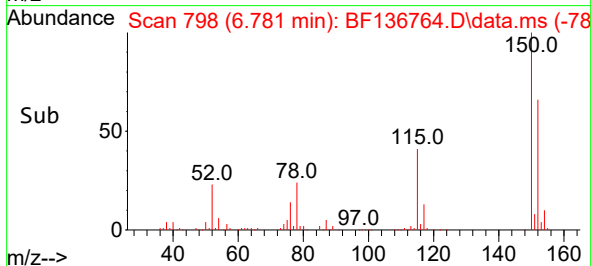
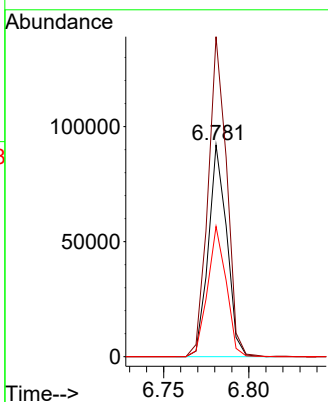


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Instrument :
BNA_F
ClientSampleId :

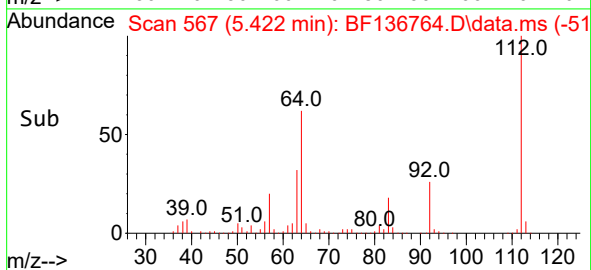
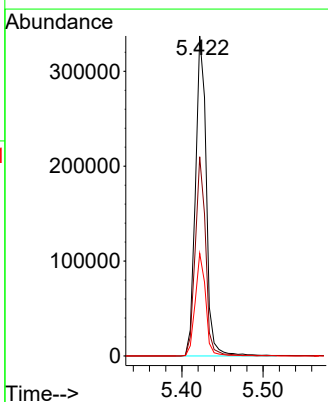
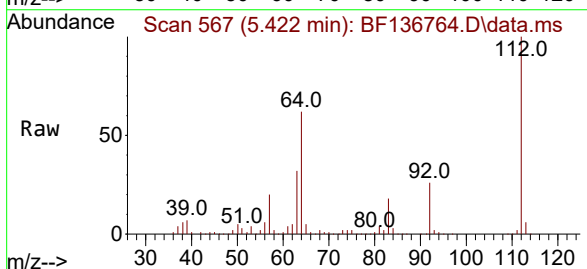


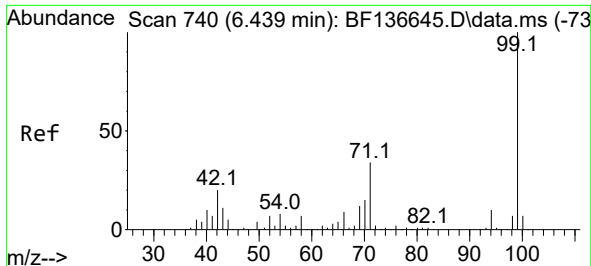
Tgt Ion:152 Resp: 68999
Ion Ratio Lower Upper
152 100
150 151.2 127.0 190.6
115 61.5 49.0 73.4



#5
2-Fluorophenol
Concen: 71.165 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

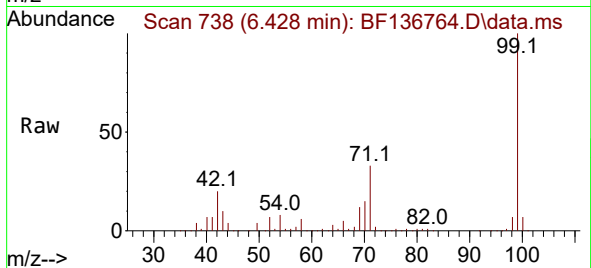
Tgt Ion:112 Resp: 314707
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 32.1 26.1 39.1



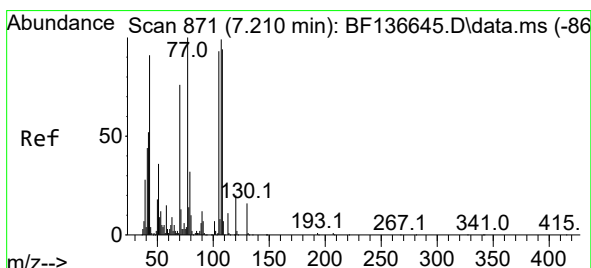
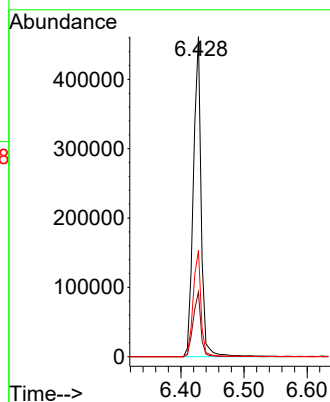
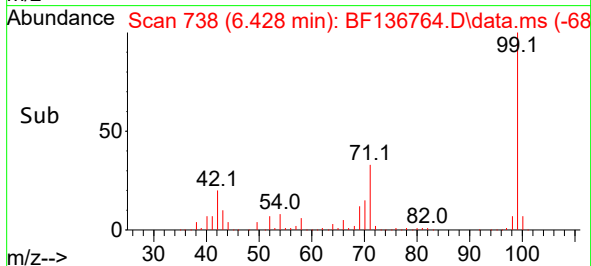


#7
Phenol-d6
Concen: 69.644 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

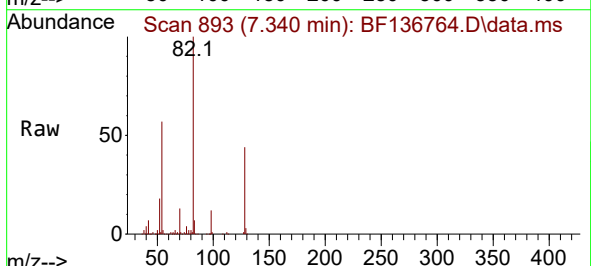
Instrument :
BNA_F
ClientSampleId :



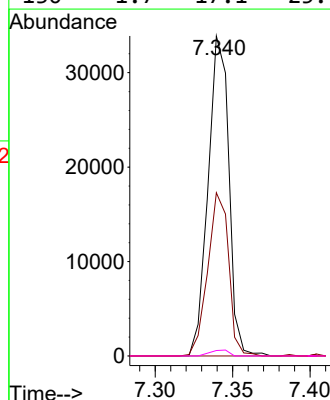
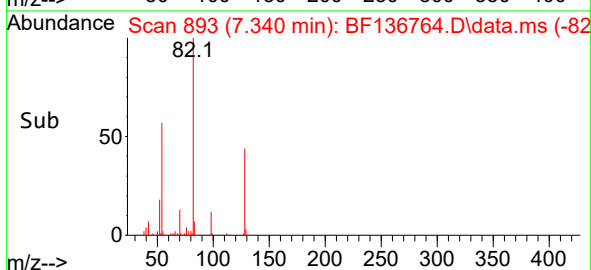
Tgt Ion: 99 Resp: 399069
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.2 27.4 41.2

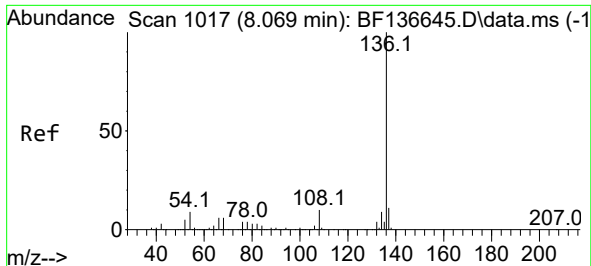


#19
n-Nitroso-di-n-propylamine
Concen: 9.082 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25



Tgt Ion: 70 Resp: 31546
Ion Ratio Lower Upper
70 100
42 51.0 54.2 81.4#
101 0.0 7.6 11.4#
130 1.7 17.1 25.7#



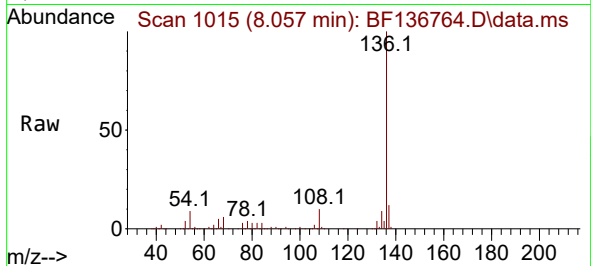


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

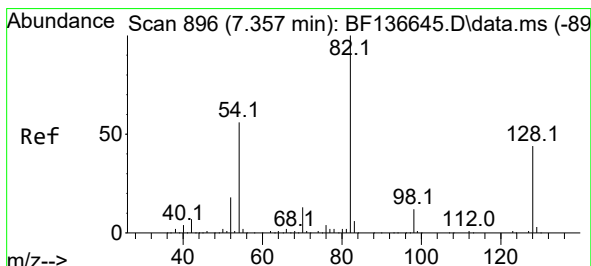
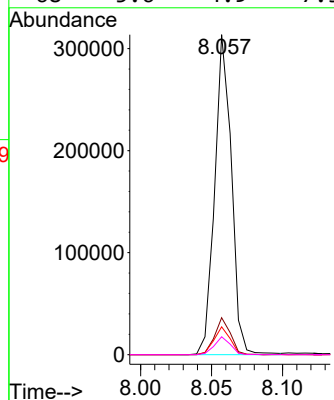
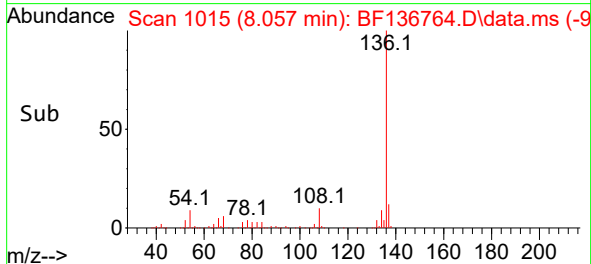
Instrument :

BNA_F

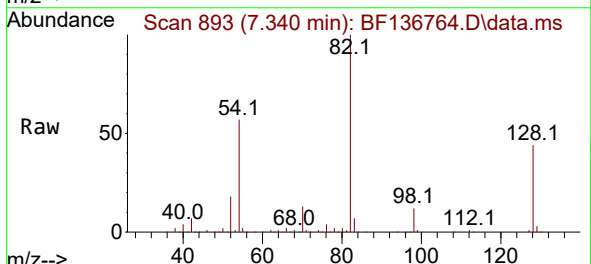
ClientSampleId :



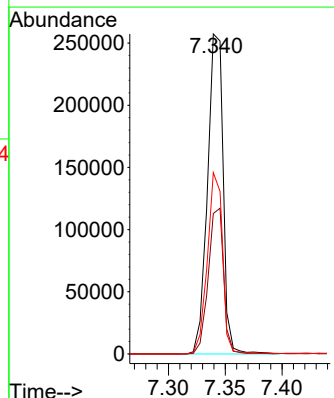
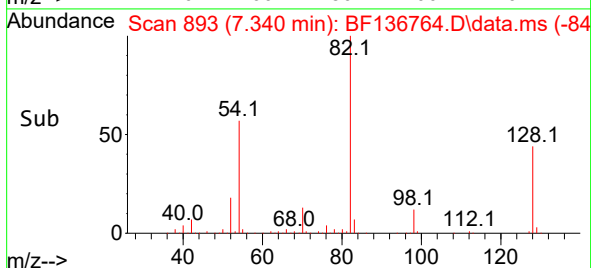
Tgt Ion:136 Resp: 256829
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.7 7.2 10.8
68 5.6 4.9 7.3

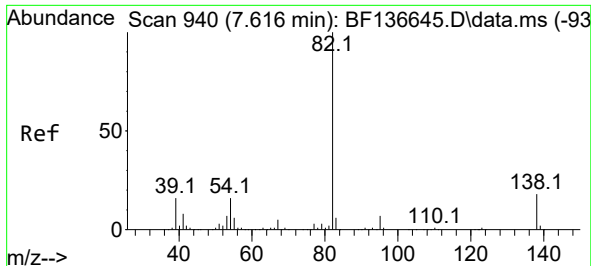


#23
Nitrobenzene-d5
Concen: 49.190 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25



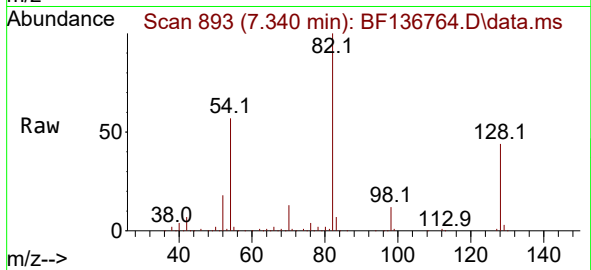
Tgt Ion: 82 Resp: 246887
Ion Ratio Lower Upper
82 100
128 43.9 35.3 52.9
54 56.7 44.5 66.7



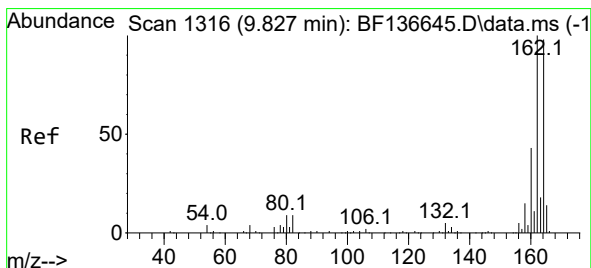
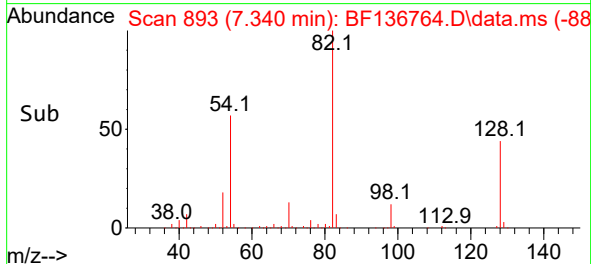
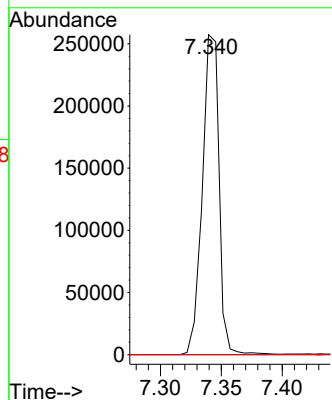


#25
Isophorone
Concen: 27.033 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Instrument :
BNA_F
ClientSampleId :

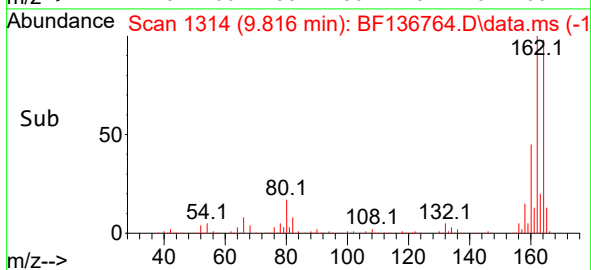
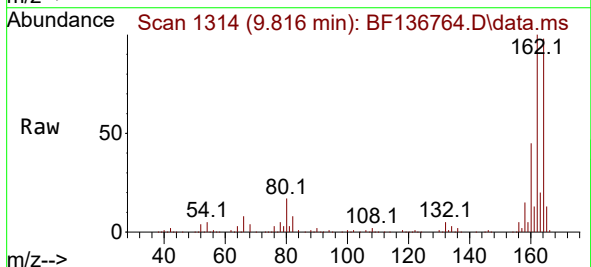
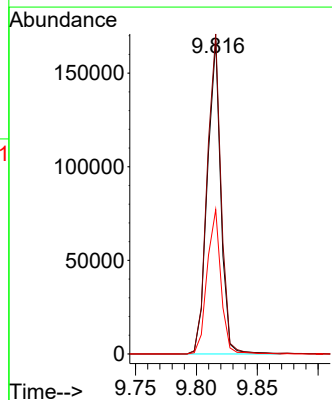


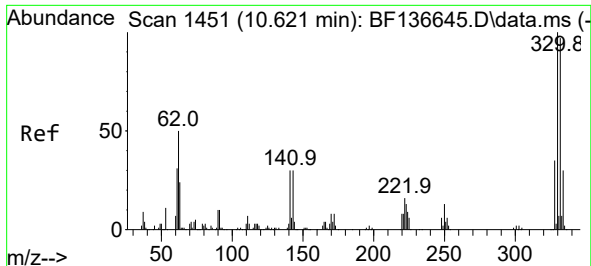
Tgt Ion: 82 Resp: 246883
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

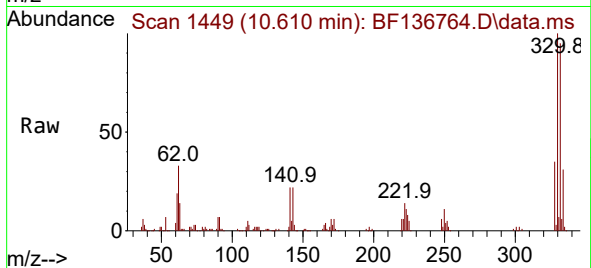
Tgt Ion: 164 Resp: 128640
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 46.0 34.9 52.3



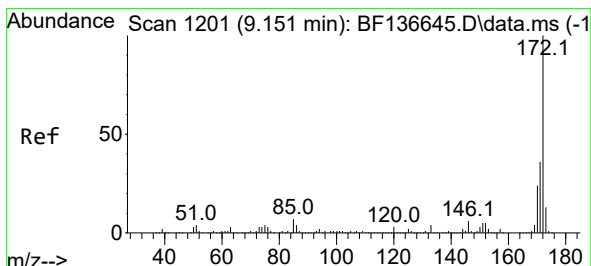
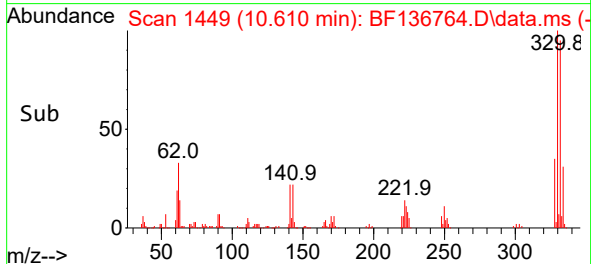
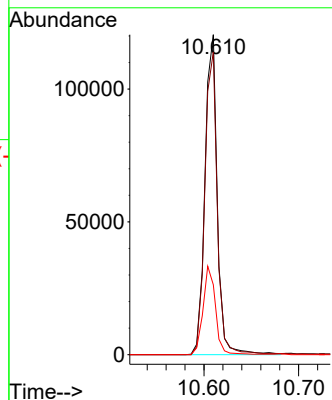


#42
2,4,6-Tribromophenol
Concen: 72.112 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Instrument :
BNA_F
ClientSampleId :

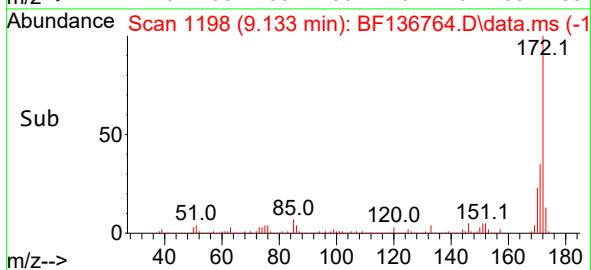
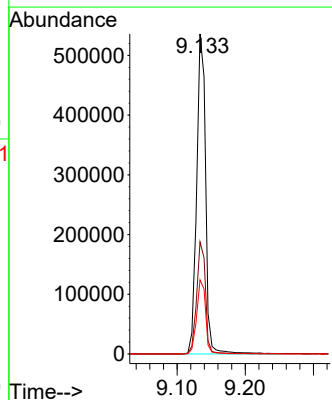
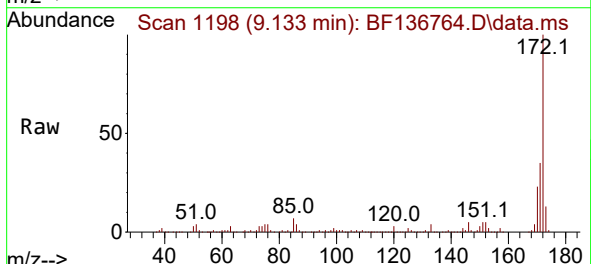


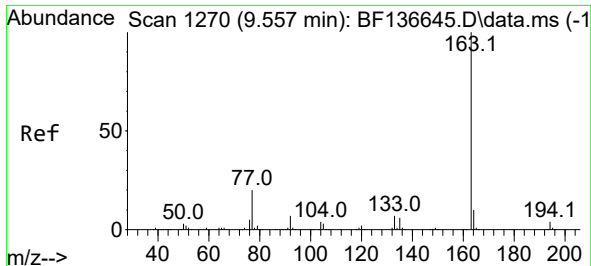
Tgt Ion:330 Resp: 109251
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 50.770 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Tgt Ion:172 Resp: 485584
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.2 19.0 28.4

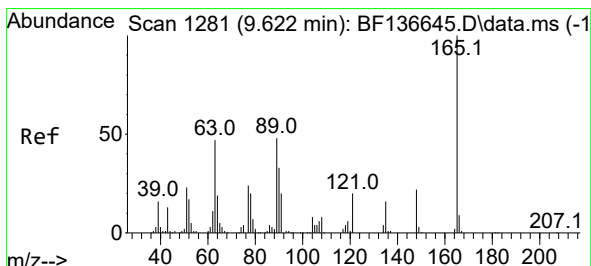
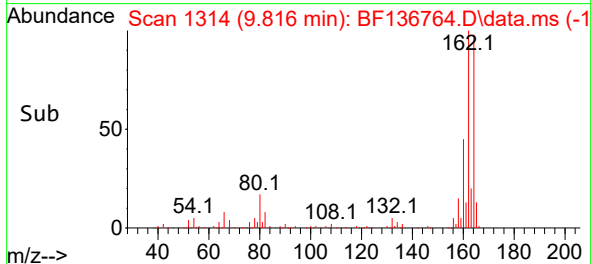
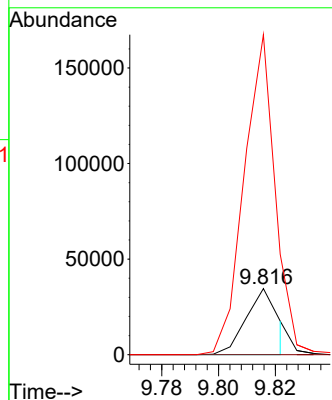
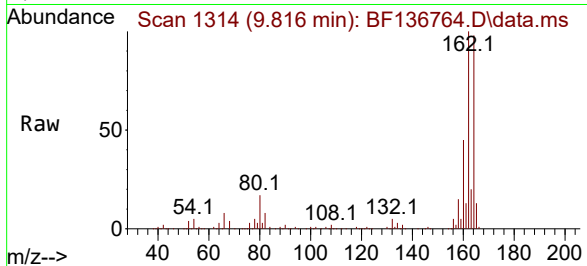




#50
Dimethylphthalate
Concen: 2.866 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

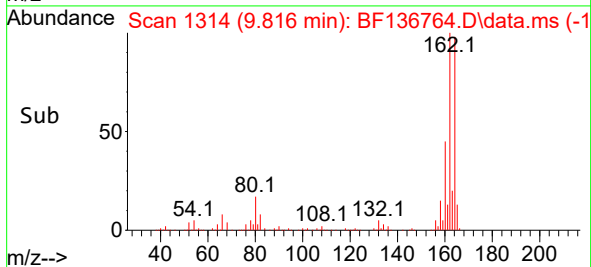
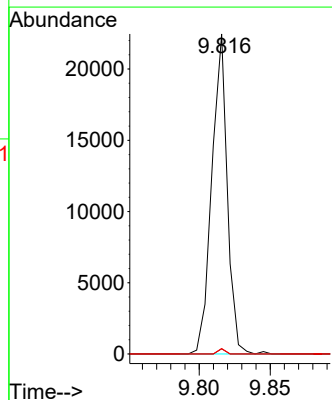
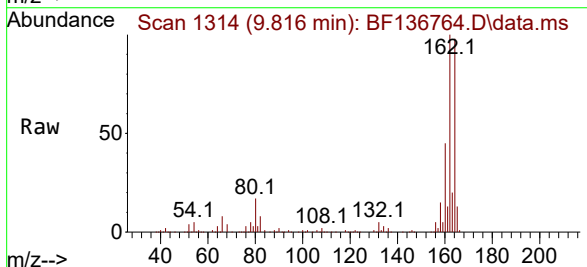
Instrument :
BNA_F
ClientSampleId :

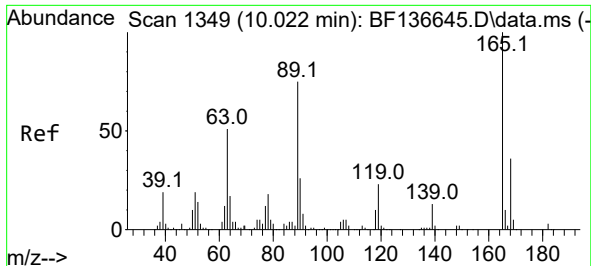
Tgt Ion:163 Resp: 26933
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.984 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

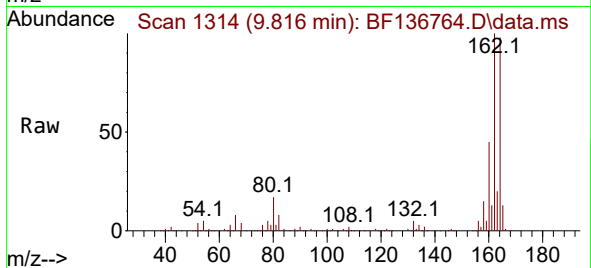
Tgt Ion:165 Resp: 17025
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.7 38.8 58.2#



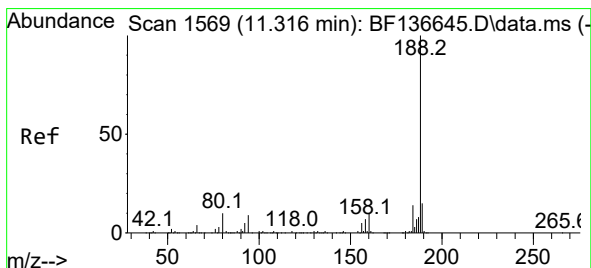
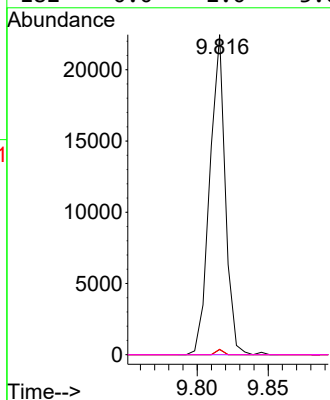
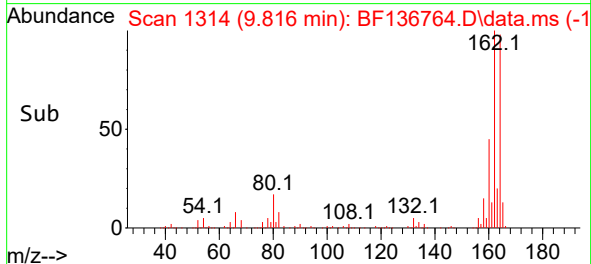


#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Instrument :
BNA_F
ClientSampleId :

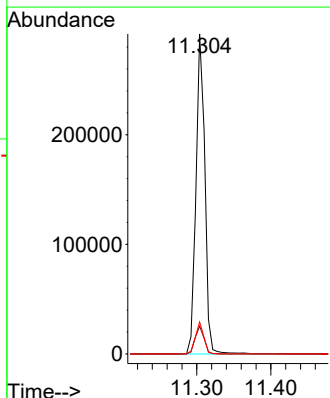
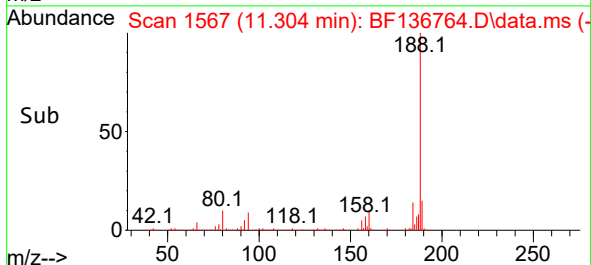
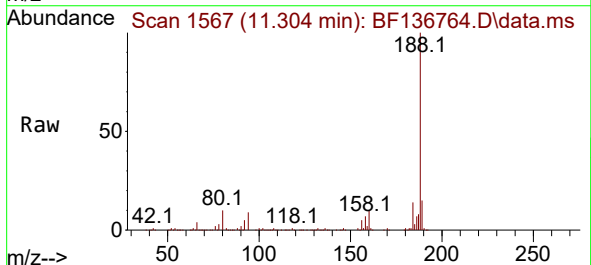


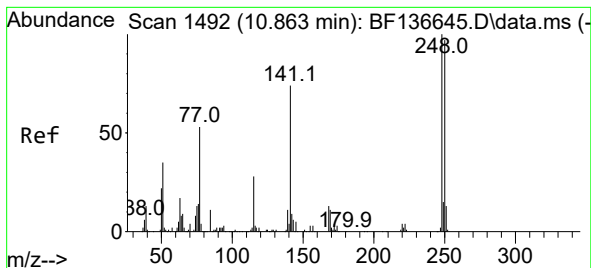
Tgt Ion:165 Resp: 17025
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136764.D
Acq: 27 Dec 2023 18:25

Tgt Ion:188 Resp: 242042
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.0 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 2.436 ng

RT: 10.610 min Scan# 1492

Delta R.T. -0.253 min

Lab File: BF136764.D

Acq: 27 Dec 2023 18:25

Instrument :

BNA_F

ClientSampleId :

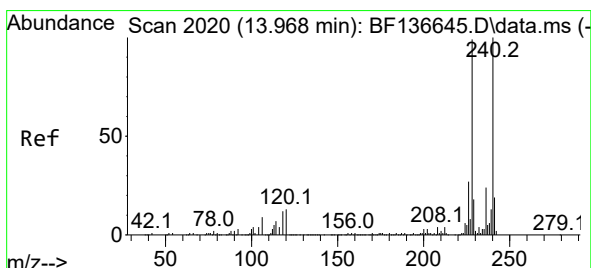
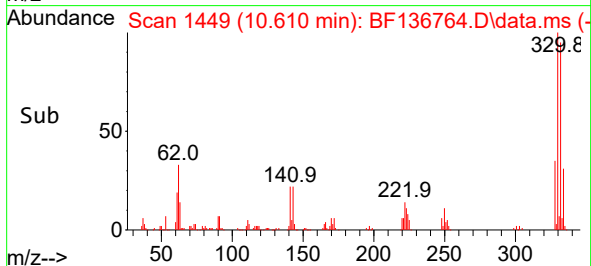
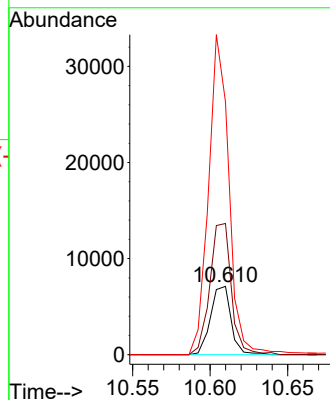
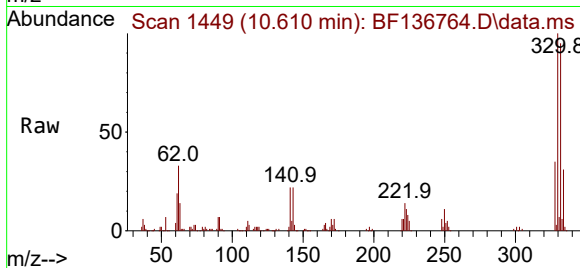
Tgt Ion:248 Resp: 6549

Ion Ratio Lower Upper

248 100

250 192.2 77.8 116.6#

141 370.2 59.2 88.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF136764.D

Acq: 27 Dec 2023 18:25

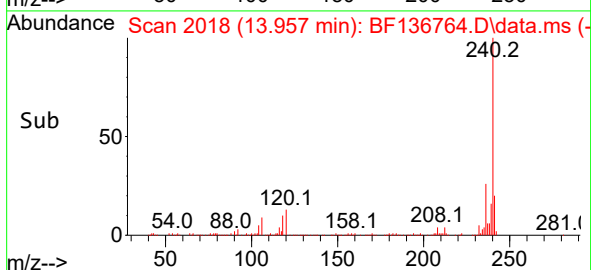
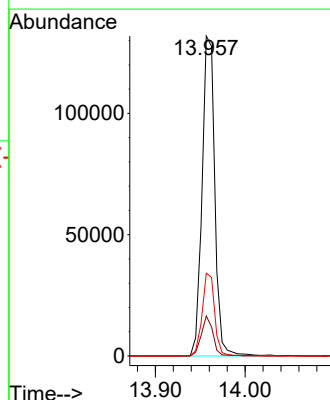
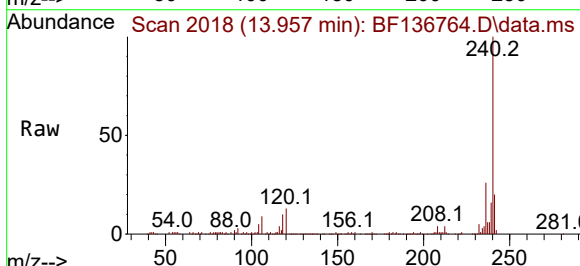
Tgt Ion:240 Resp: 130150

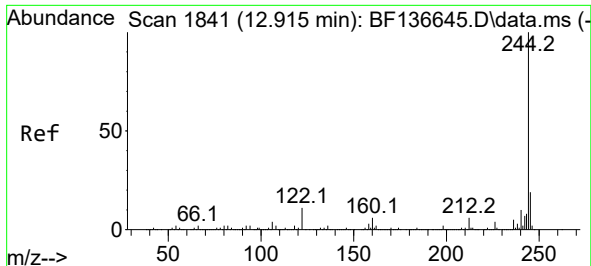
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

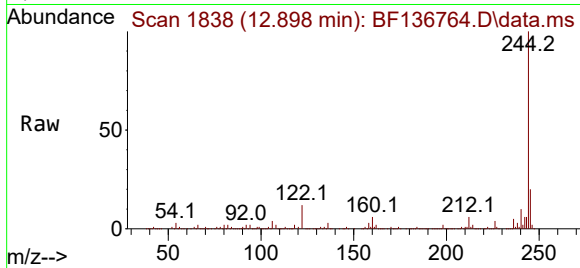
236 25.9 19.4 29.2



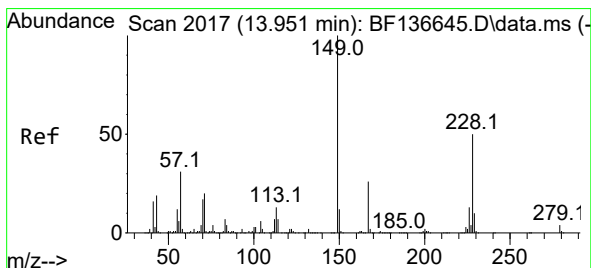
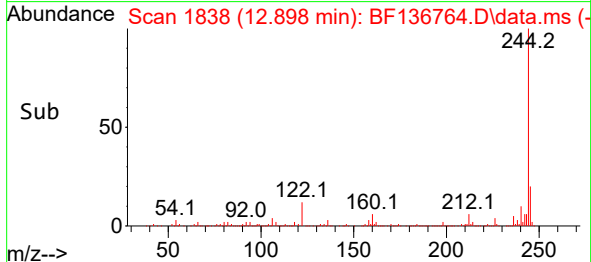
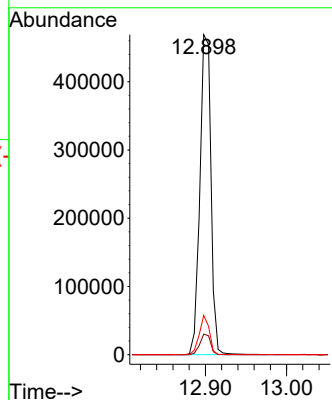


#79
 Terphenyl-d14
 Concen: 47.989 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.018 min
 Lab File: BF136764.D
 Acq: 27 Dec 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :

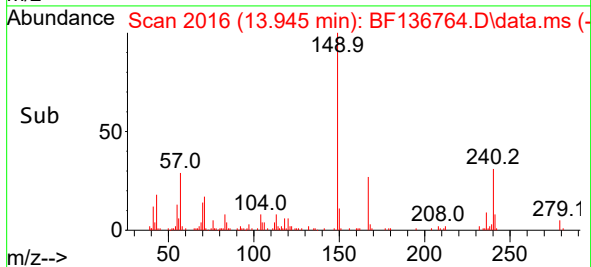
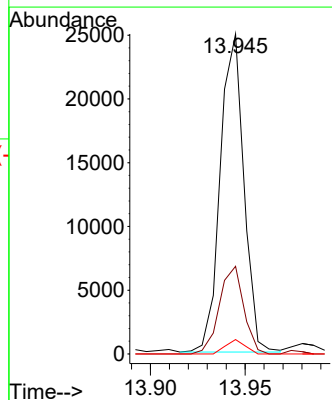
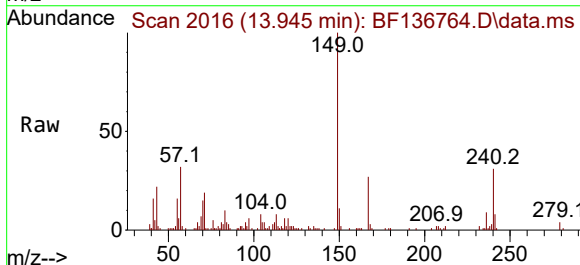


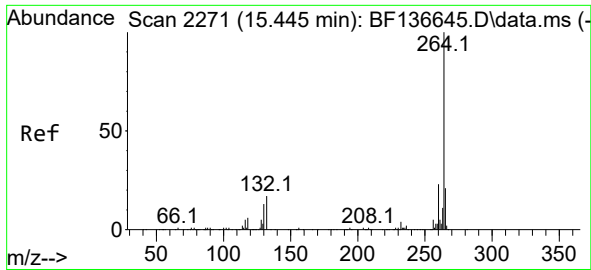
Tgt Ion:244 Resp: 446933
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.2 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.701 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF136764.D
 Acq: 27 Dec 2023 18:25

Tgt Ion:149 Resp: 21647
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.9 31.3
 279 4.5 2.9 4.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

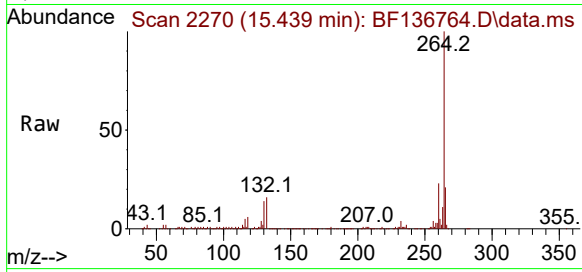
Lab File: BF136764.D

Acq: 27 Dec 2023 18:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 149999

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.9 17.0 25.6

