

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136754.D
 Acq On : 27 Dec 2023 12:53
 Operator : CG\JU
 Sample : 05791-11RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 13:17:46 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)

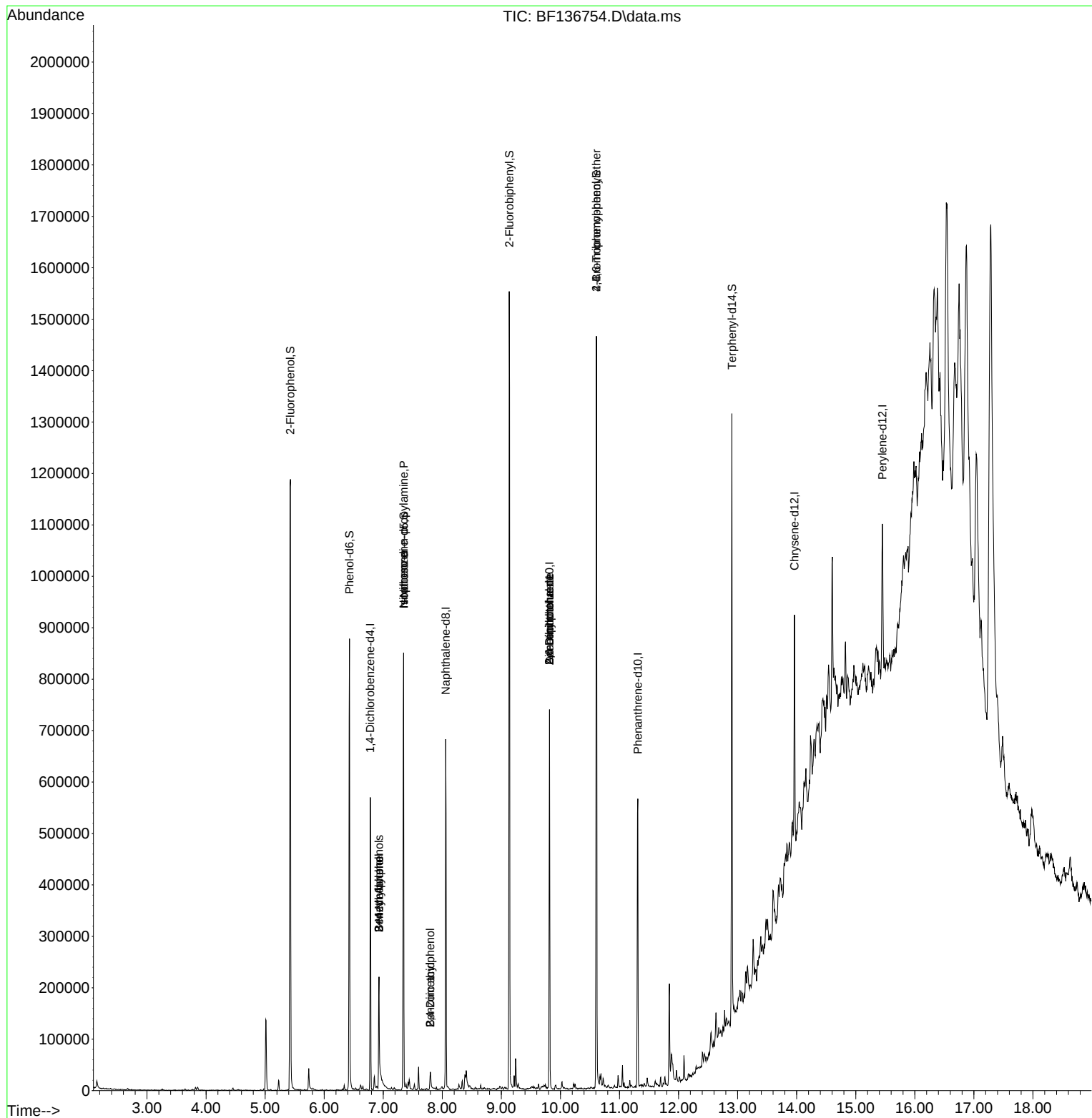
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76324	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	281974	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	131821	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	214531	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	146092	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	151821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	340391	69.586	ng	0.00
7) Phenol-d6	6.428	99	274734	43.344	ng	-0.01
23) Nitrobenzene-d5	7.345	82	251904	45.714	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	184295	118.710	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	485754	49.562	ng	-0.02
79) Terphenyl-d14	12.904	244	381303	36.474	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.928	79	63111	14.759	ng	99
17) 2-Methylphenol	6.928	107	32027	7.222	ng	# 18
19) n-Nitroso-di-n-propyla...	7.345	70	33440	8.703	ng	# 74
20) 3+4-Methylphenols	6.928	107	32026	5.781	ng	# 36
25) Isophorone	7.345	82	251901	25.123	ng	# 65
27) 2,4-Dimethylphenol	7.798	122	6958	2.164	ng	# 3
32) Benzoic acid	7.798	122	6958	2.237	ng	95
50) Dimethylphthalate	9.816	163	26033	2.704	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17351	7.940	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17351	6.116	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10783	4.526	ng	# 1

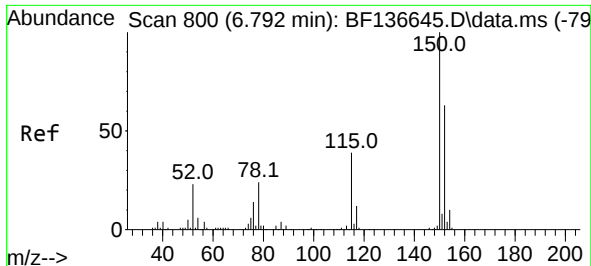
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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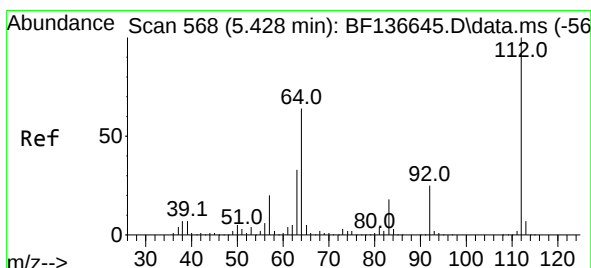
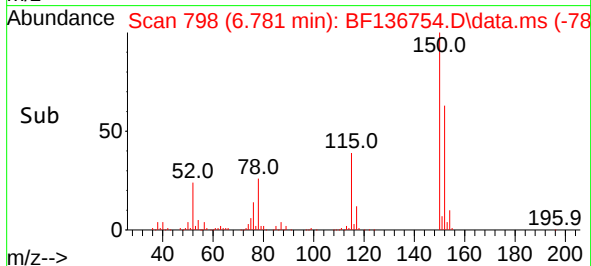
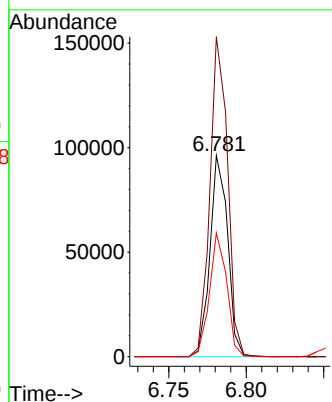
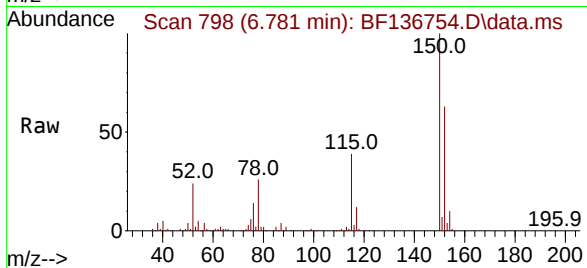




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

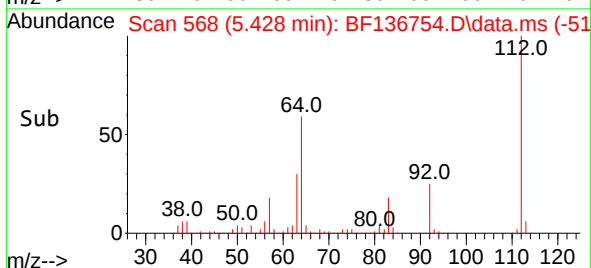
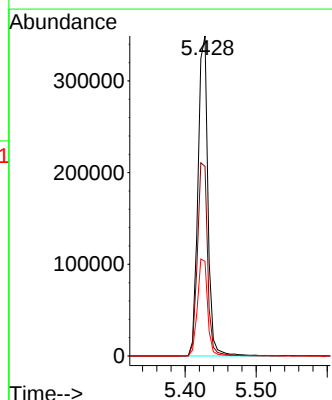
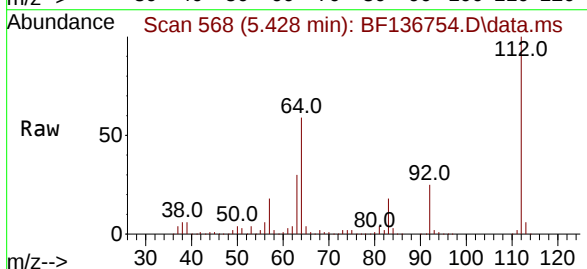
Instrument :
BNA_F
ClientSampleId :

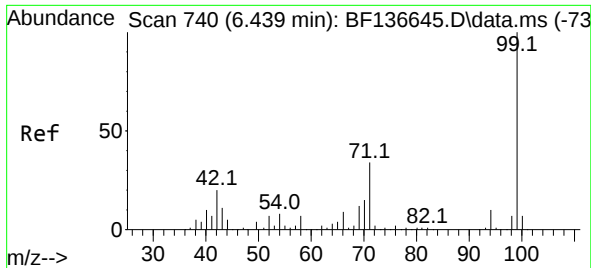
Tgt Ion:152 Resp: 76324
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 61.5 49.0 73.4



#5
2-Fluorophenol
Concen: 69.586 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

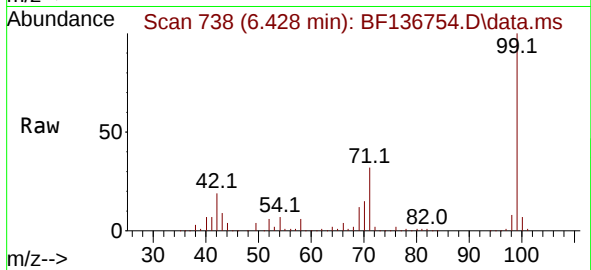
Tgt Ion:112 Resp: 340391
Ion Ratio Lower Upper
112 100
64 59.2 51.1 76.7
63 29.6 26.1 39.1



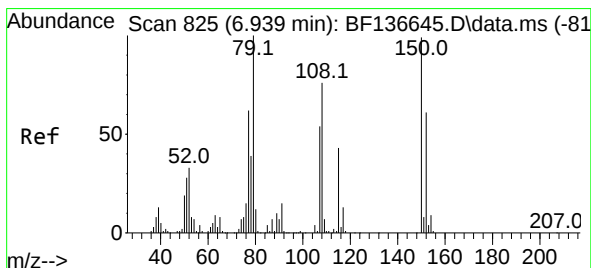
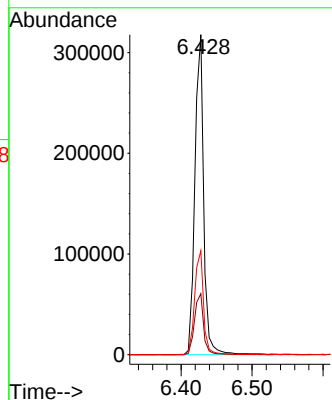
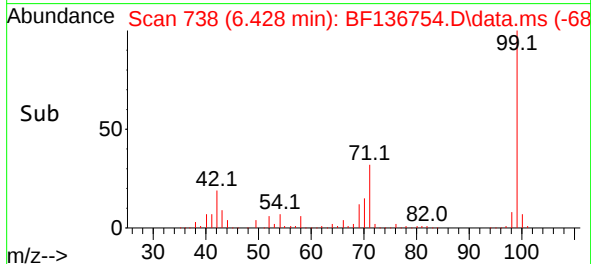


#7
Phenol-d6
Concen: 43.344 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

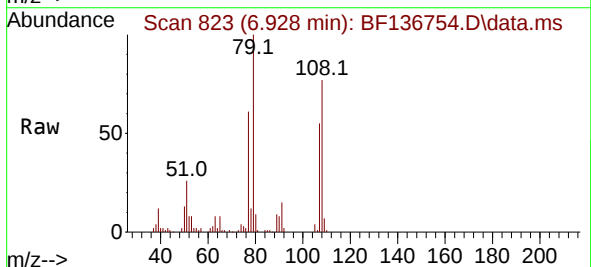
Instrument :
BNA_F
ClientSampleId :



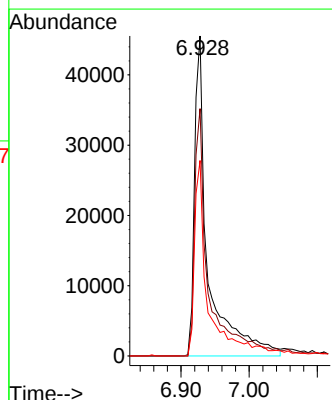
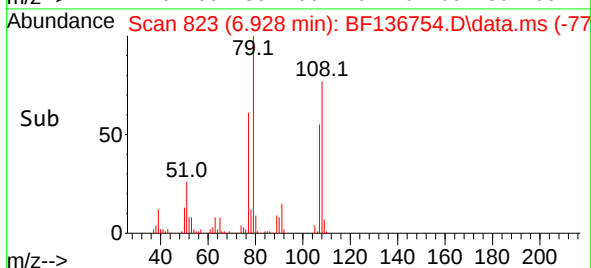
Tgt Ion: 99 Resp: 274734
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.5 27.4 41.2

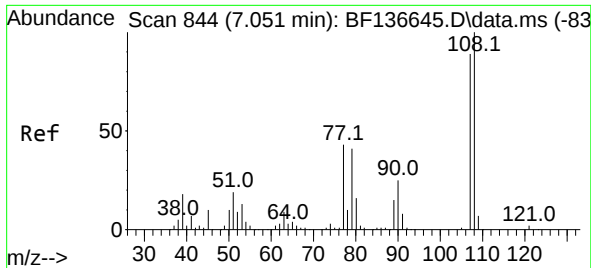


#15
Benzyl Alcohol
Concen: 14.759 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53



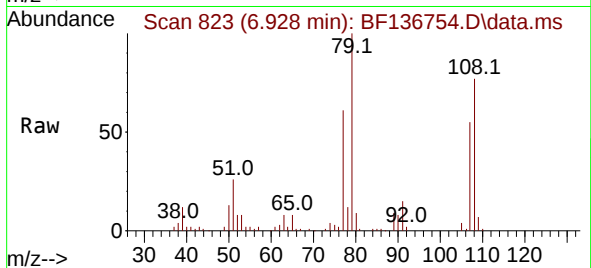
Tgt Ion: 79 Resp: 63111
Ion Ratio Lower Upper
79 100
108 77.3 61.0 91.6
77 61.1 49.8 74.8



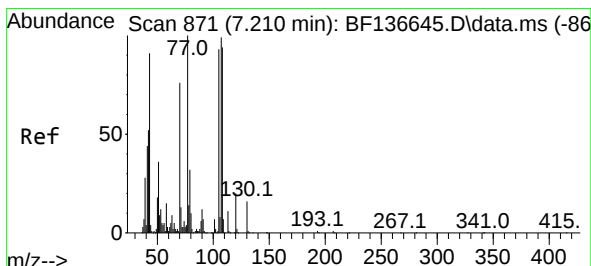
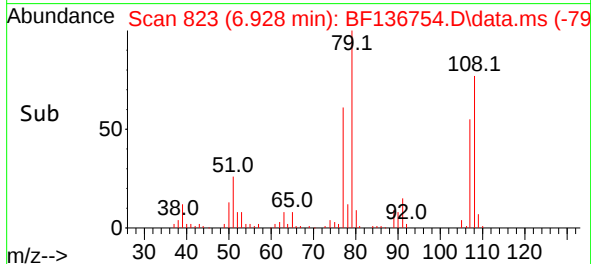
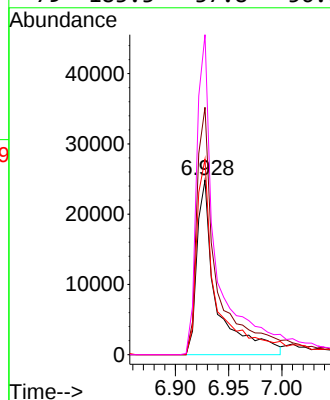


#17
2-Methylphenol
Concen: 7.222 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.123 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Instrument :
BNA_F
ClientSampleId :

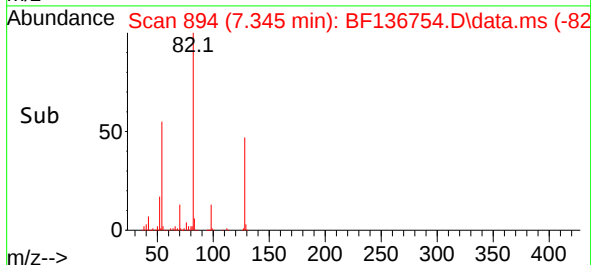
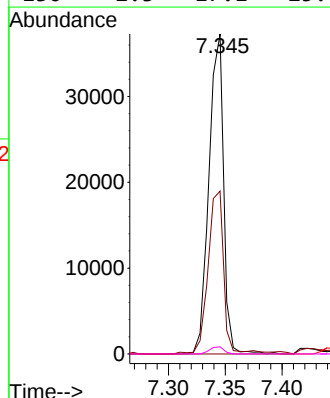
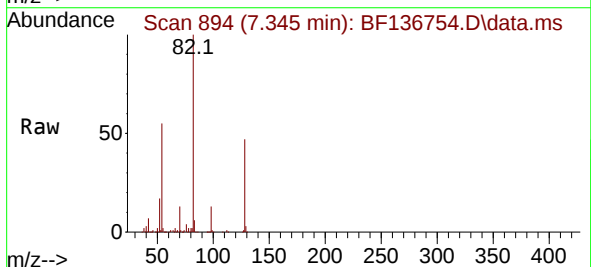


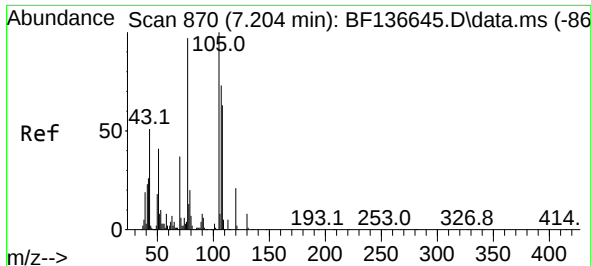
Tgt Ion:107 Resp: 32027
Ion Ratio Lower Upper
107 100
108 141.7 90.3 135.5#
77 112.0 38.7 58.1#
79 183.3 37.8 56.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.703 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion: 70 Resp: 33440
Ion Ratio Lower Upper
70 100
42 50.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#





#20

3+4-Methylphenols

Concen: 5.781 ng

RT: 6.928 min Scan# 81

Delta R.T. -0.276 min

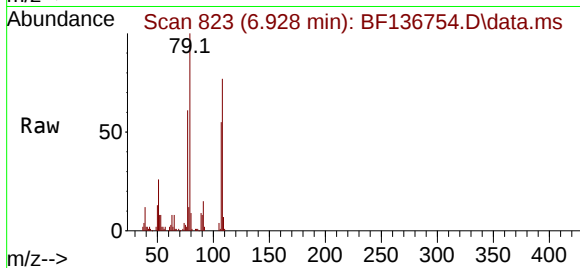
Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:107 Resp: 32026

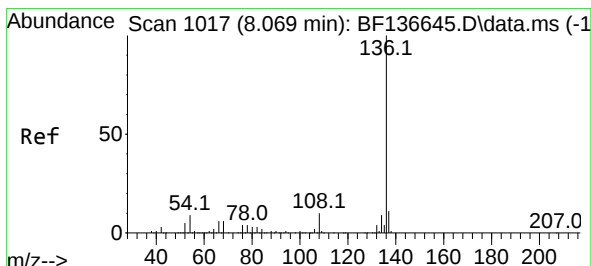
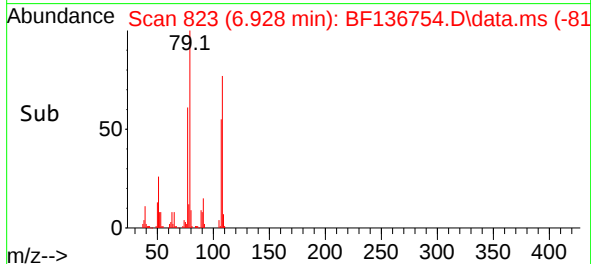
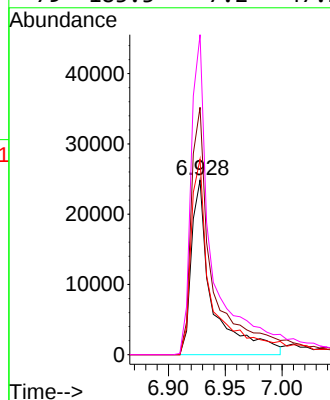
Ion Ratio Lower Upper

107 100

108 141.7 66.0 106.0#

77 112.0 114.2 154.2#

79 183.3 7.2 47.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Tgt Ion:136 Resp: 281974

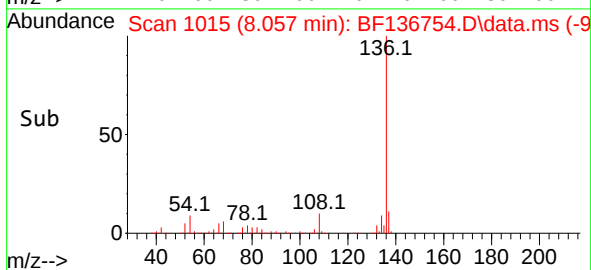
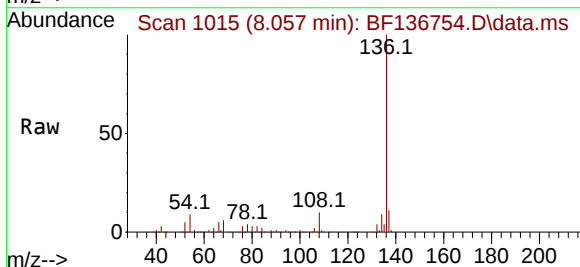
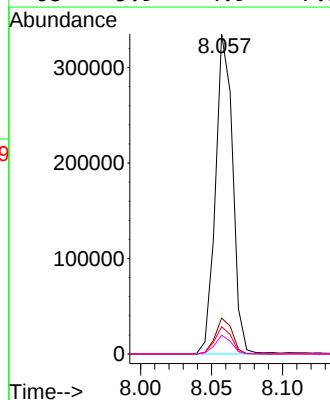
Ion Ratio Lower Upper

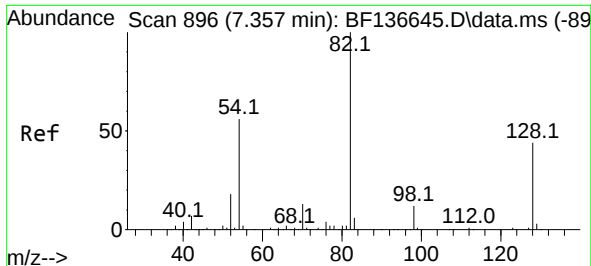
136 100

137 11.2 9.0 13.4

54 8.5 7.2 10.8

68 5.9 4.9 7.3

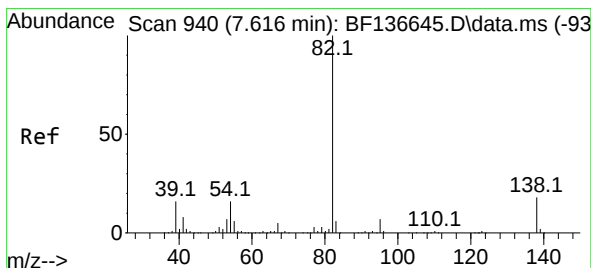
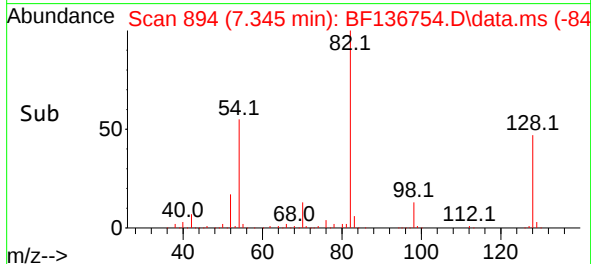
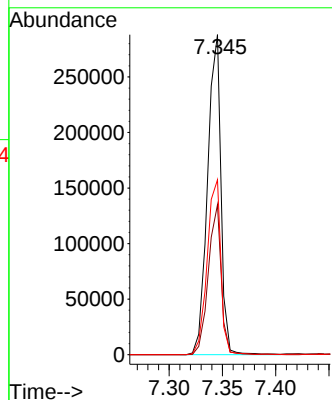
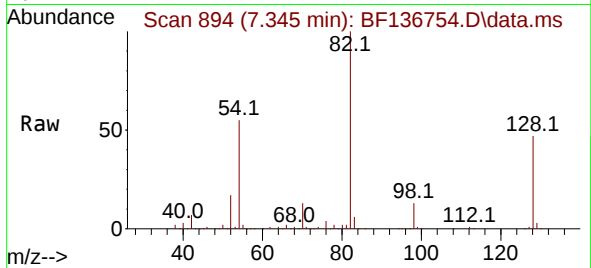




#23
Nitrobenzene-d5
Concen: 45.714 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

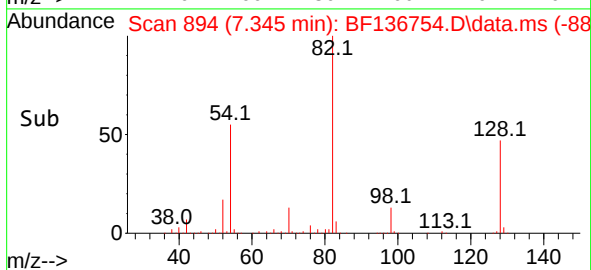
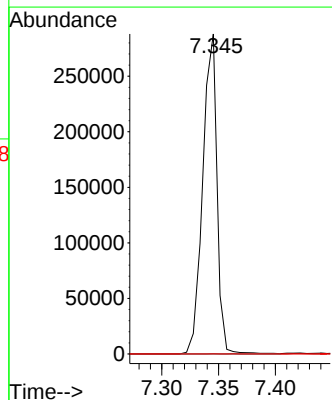
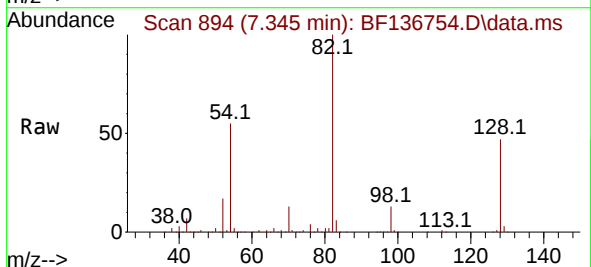
Instrument :
BNA_F
ClientSampleId :

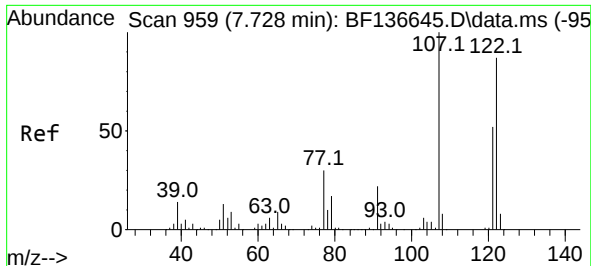
Tgt Ion: 82 Resp: 251904
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 54.7 44.5 66.7



#25
Isophorone
Concen: 25.123 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion: 82 Resp: 251901
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#

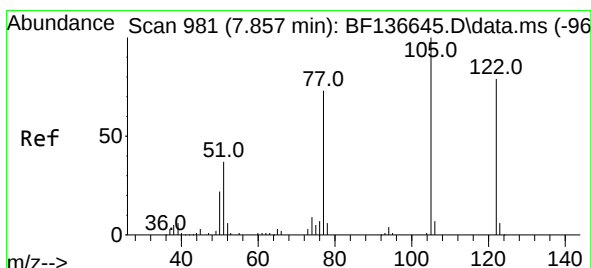
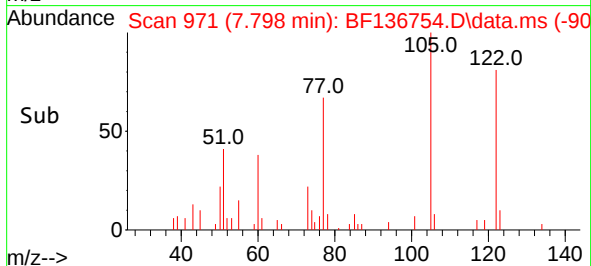
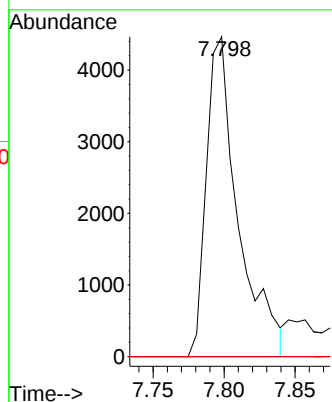
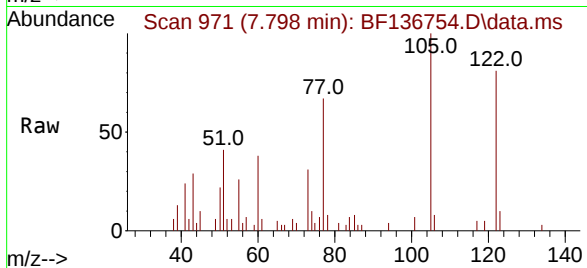




#27
2,4-Dimethylphenol
Concen: 2.164 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.071 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

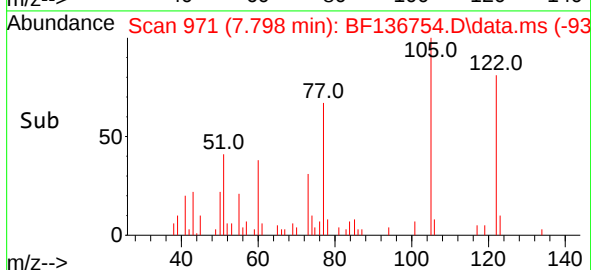
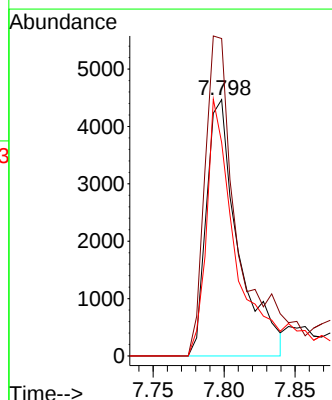
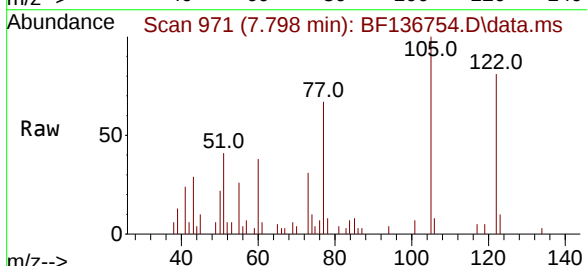
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BNA_F
ClientSampleId :

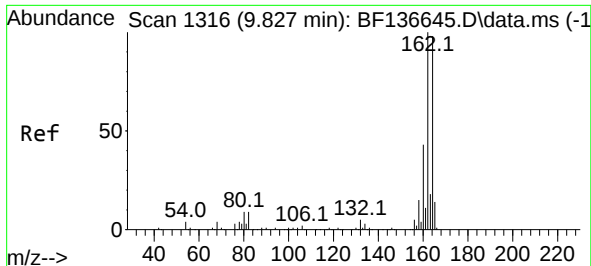
Tgt Ion:122 Resp: 6958
Ion Ratio Lower Upper
122 100
107 0.0 92.0 138.0#
121 0.0 47.5 71.3#



#32
Benzoic acid
Concen: 2.237 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.059 min
Lab File: BF136754.D
Acq: 27 Dec 2023 12:53

Tgt Ion:122 Resp: 6958
Ion Ratio Lower Upper
122 100
105 123.9 100.8 140.8
77 83.3 70.9 110.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

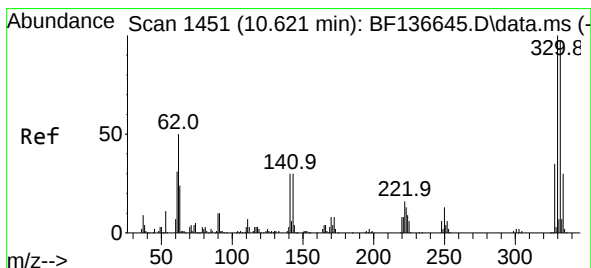
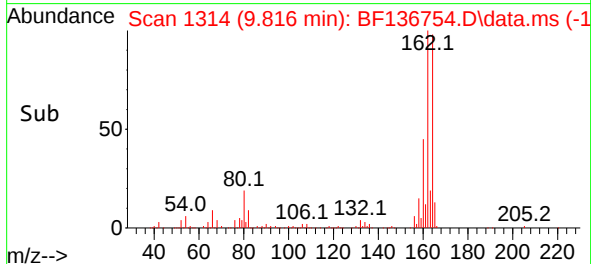
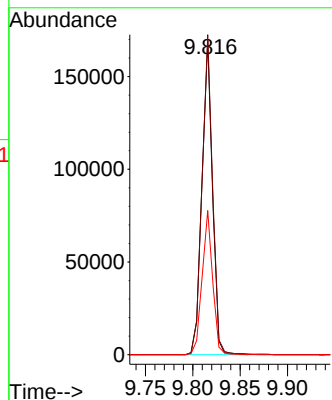
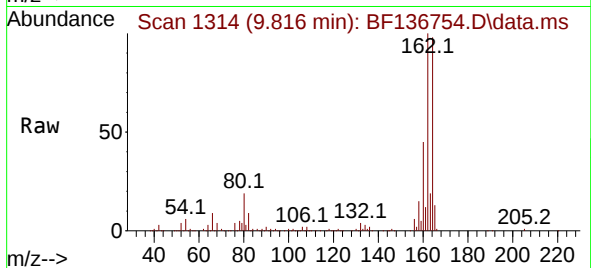
Tgt Ion:164 Resp: 131821

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 45.9 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 118.710 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

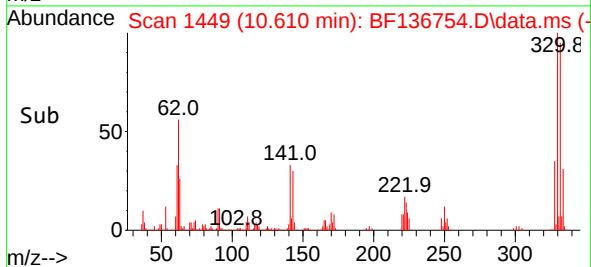
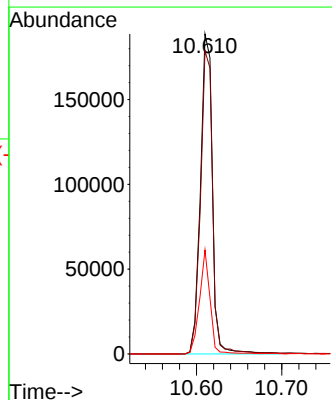
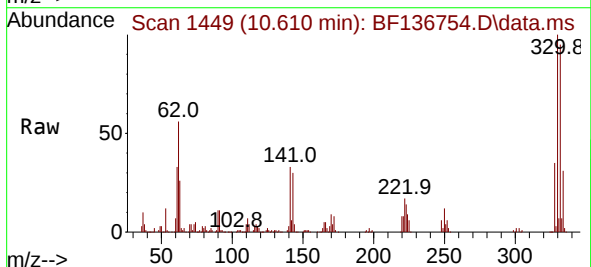
Tgt Ion:330 Resp: 184295

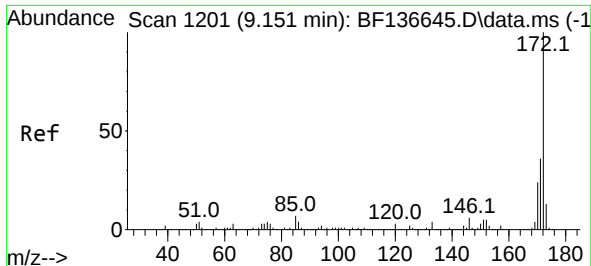
Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 28.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 49.562 ng

RT: 9.133 min Scan# 1

Delta R.T. -0.018 min

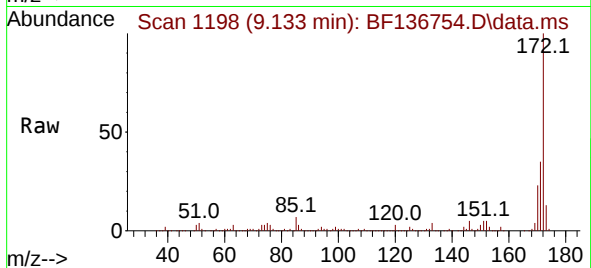
Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :



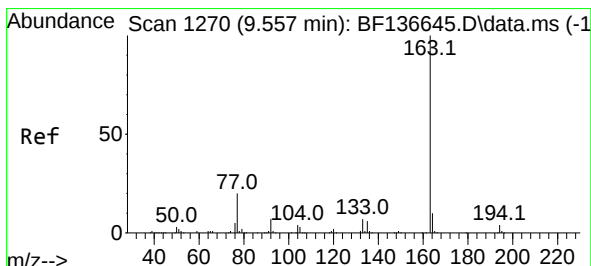
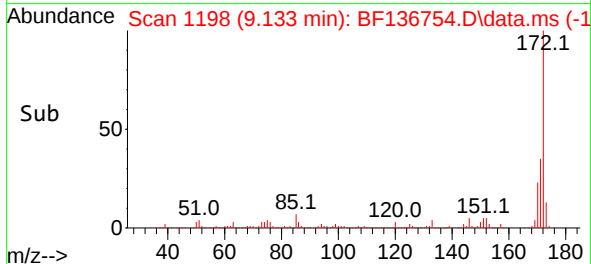
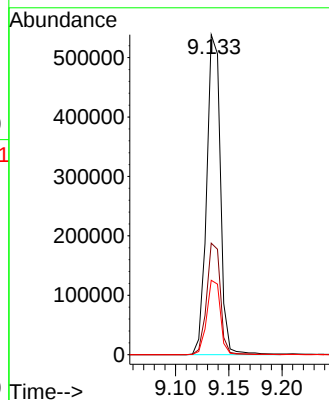
Tgt Ion:172 Resp: 485754

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 23.2 19.0 28.4



#50

Dimethylphthalate

Concen: 2.704 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

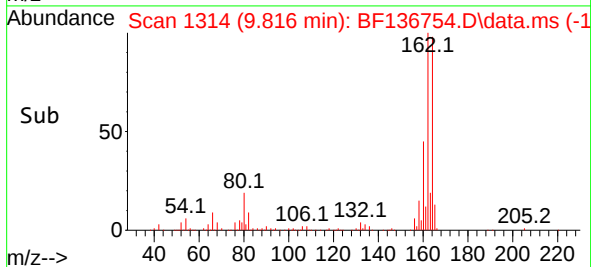
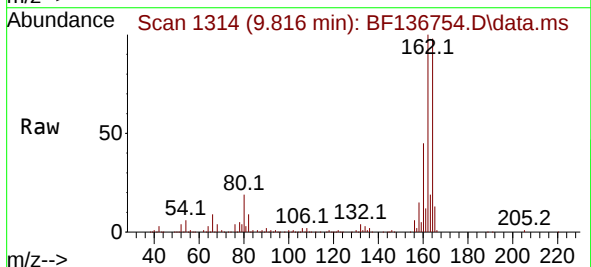
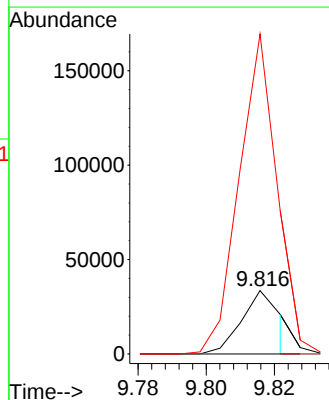
Tgt Ion:163 Resp: 26033

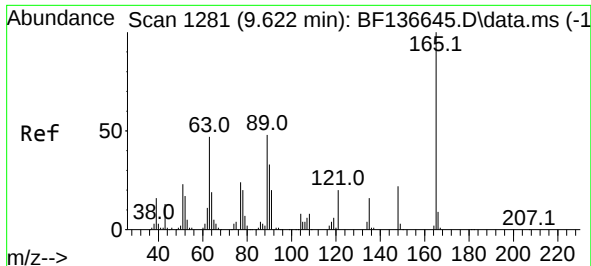
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 504.6 7.8 11.6#





#51

2,6-Dinitrotoluene

Concen: 7.940 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.194 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

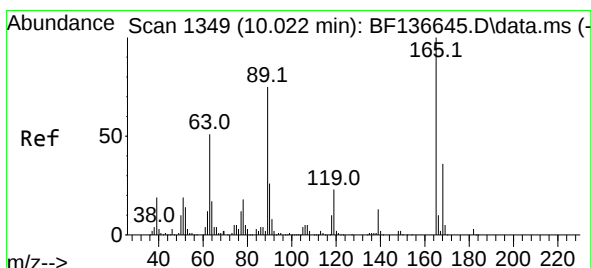
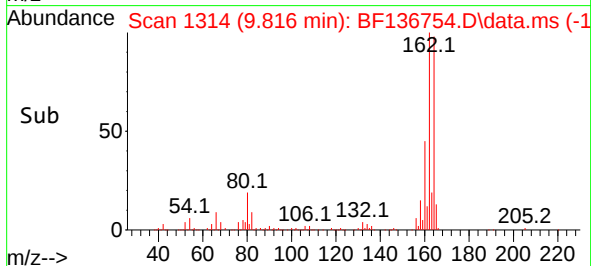
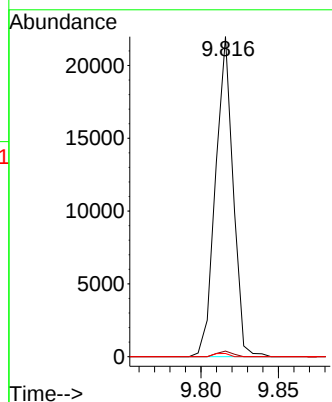
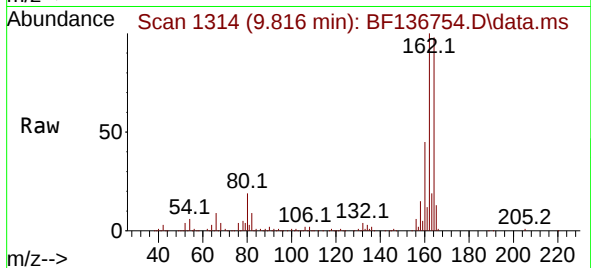
Tgt Ion:165 Resp: 17351

Ion Ratio Lower Upper

165 100

63 1.7 39.8 59.6#

89 1.0 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 6.116 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Tgt Ion:165 Resp: 17351

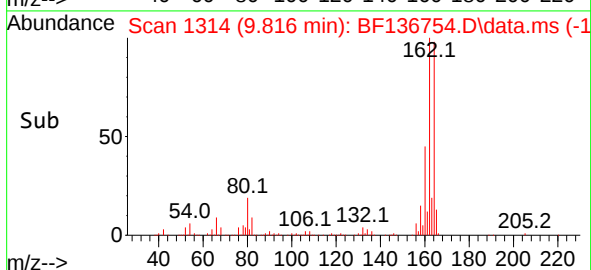
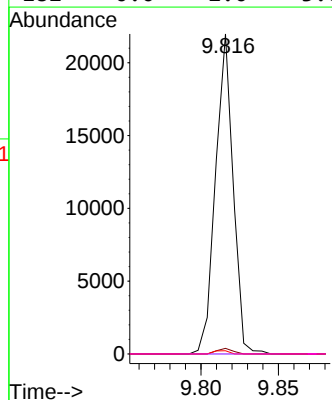
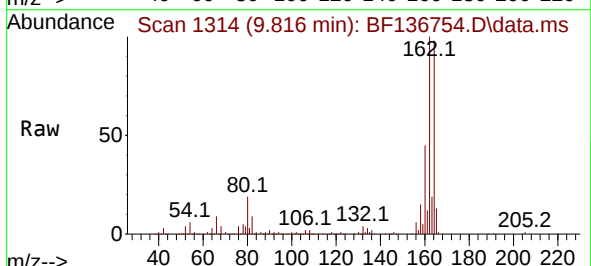
Ion Ratio Lower Upper

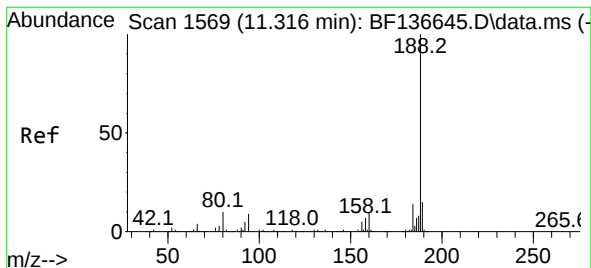
165 100

63 1.7 41.0 61.6#

89 1.0 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: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

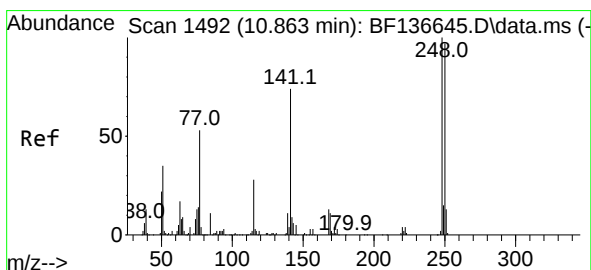
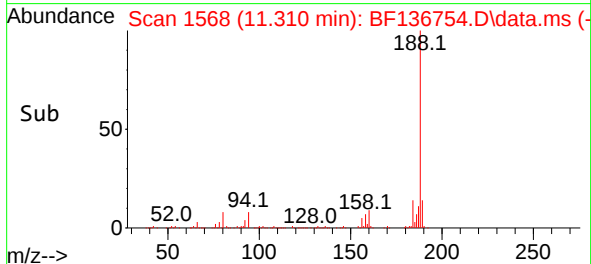
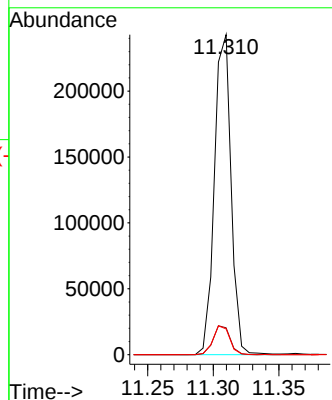
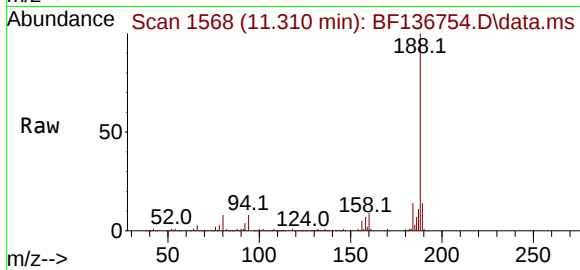
Tgt Ion:188 Resp: 214531

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 8.0 8.1 12.1#



#67

4-Bromophenyl-phenylether

Concen: 4.526 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

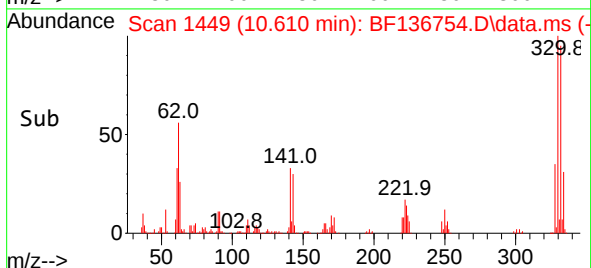
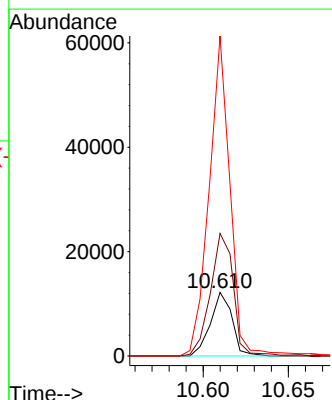
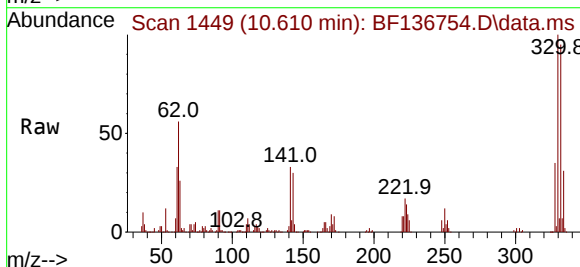
Tgt Ion:248 Resp: 10783

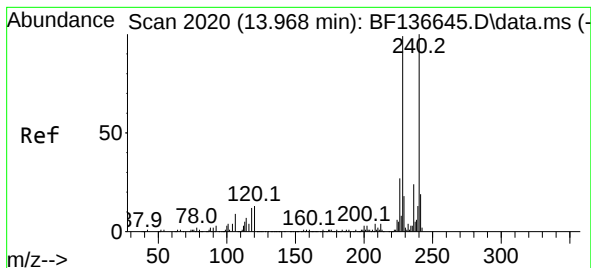
Ion Ratio Lower Upper

248 100

250 193.0 77.8 116.6#

141 503.8 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :

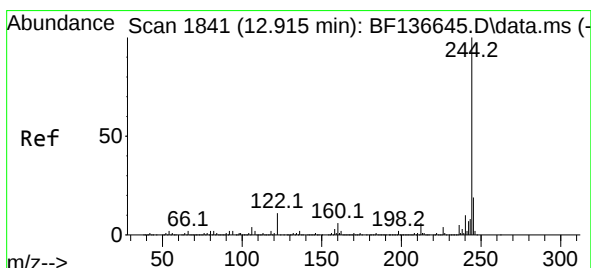
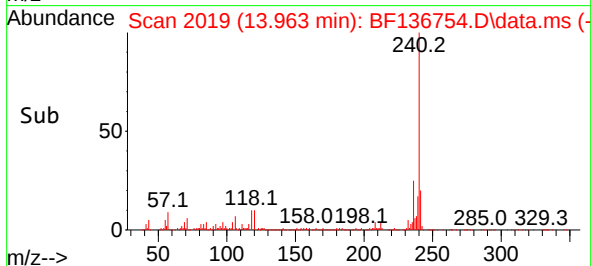
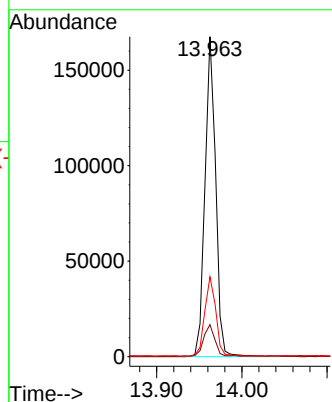
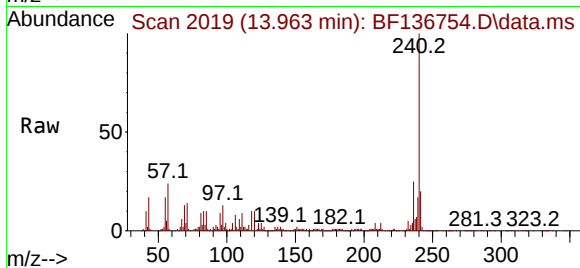
Tgt Ion:240 Resp: 146092

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 25.0 19.4 29.2



#79

Terphenyl-d14

Concen: 36.474 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

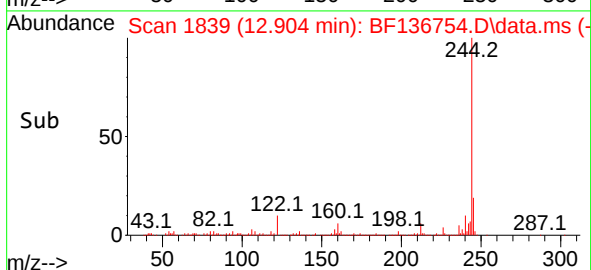
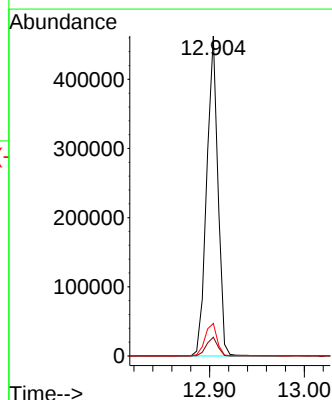
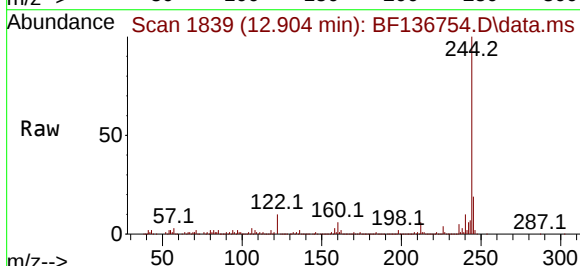
Tgt Ion:244 Resp: 381303

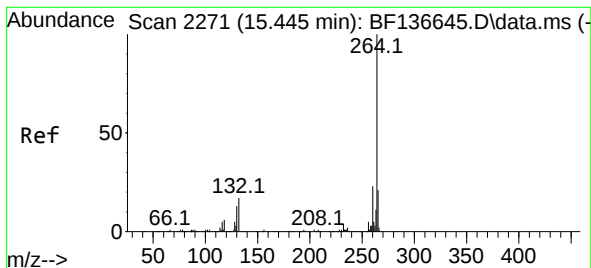
Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 10.2 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

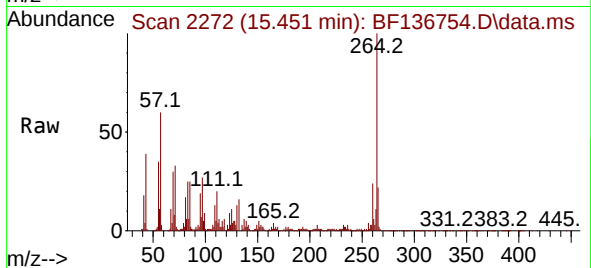
Lab File: BF136754.D

Acq: 27 Dec 2023 12:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 151821

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.0 17.0 25.6

