

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136755.D
 Acq On : 27 Dec 2023 13:25
 Operator : CG\JU
 Sample : 05967-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 13:56:18 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)

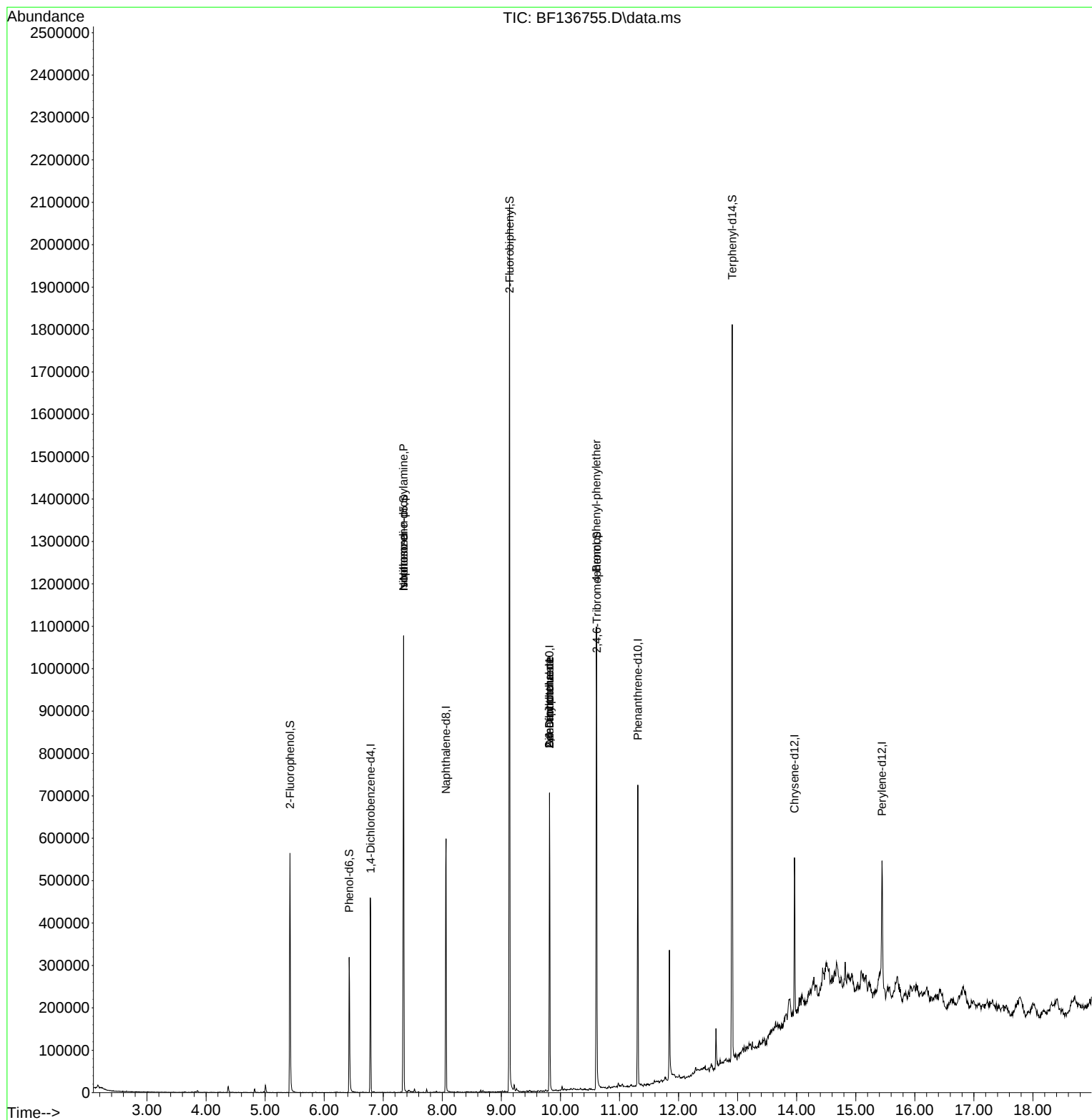
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68294	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	261736	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	132243	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	243928	20.000	ng	0.00
76) Chrysene-d12	13.963	240	134143	20.000	ng	0.00
86) Perylene-d12	15.445	264	143791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	147483	33.695	ng	0.00
7) Phenol-d6	6.422	99	106262	18.736	ng	-0.02
23) Nitrobenzene-d5	7.345	82	313634	61.317	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	144727	92.925	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	620871	63.146	ng	-0.01
79) Terphenyl-d14	12.910	244	624800	65.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	40477	11.773	ng	# 75
25) Isophorone	7.345	82	310937	33.408	ng	# 65
50) Dimethylphthalate	9.816	163	26268	2.719	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17361	7.919	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17361	6.100	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8910	3.289	ng	# 1

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

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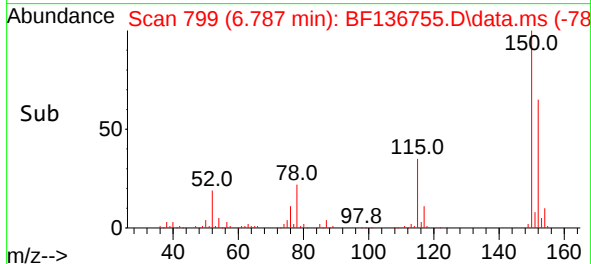
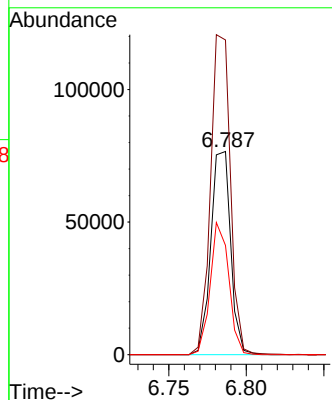
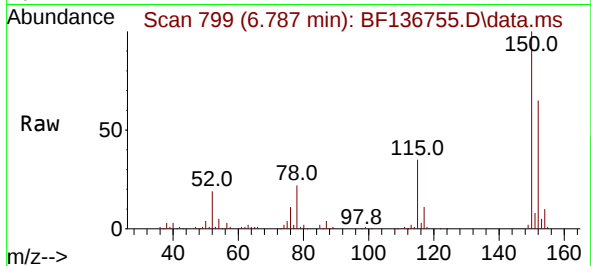




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

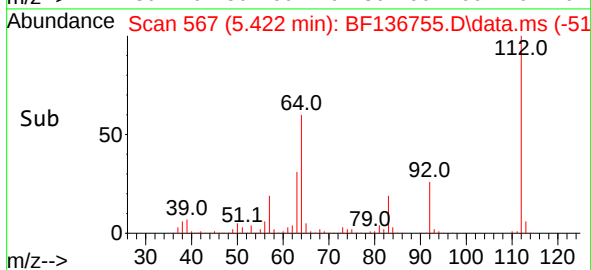
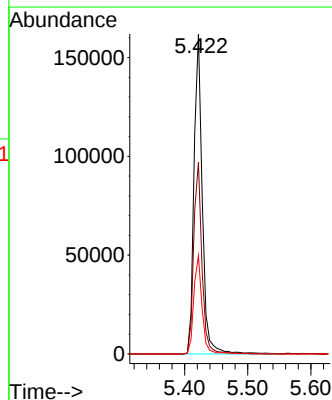
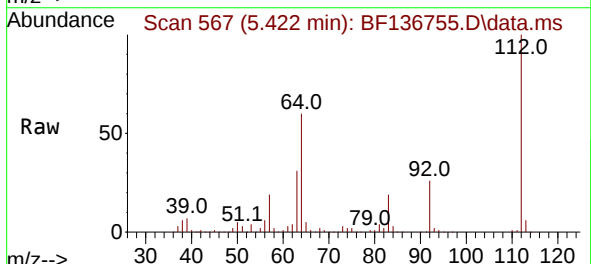
Instrument :
BNA_F
ClientSampleId :

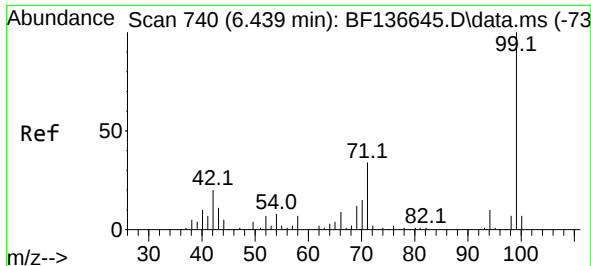
Tgt Ion:152 Resp: 68294
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 53.8 49.0 73.4



#5
2-Fluorophenol
Concen: 33.695 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

Tgt Ion:112 Resp: 147483
Ion Ratio Lower Upper
112 100
64 59.8 51.1 76.7
63 30.7 26.1 39.1

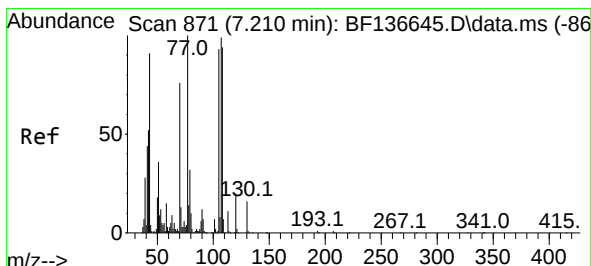
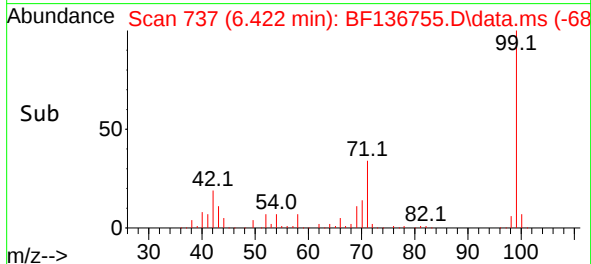
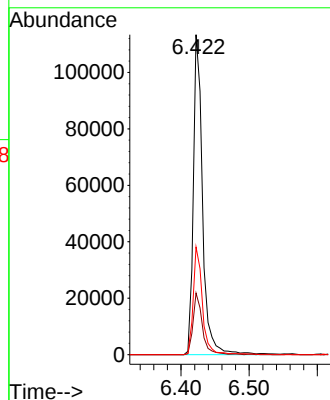
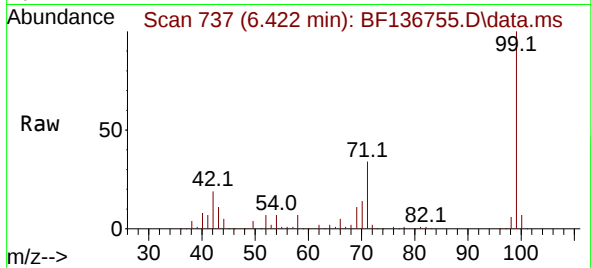




#7
Phenol-d6
Concen: 18.736 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

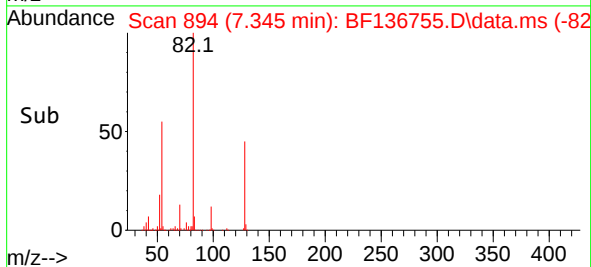
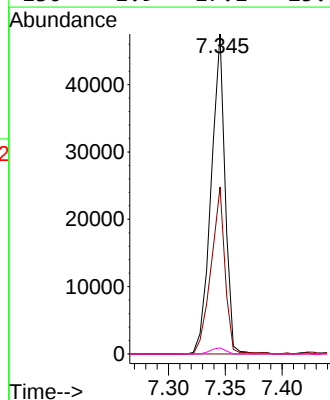
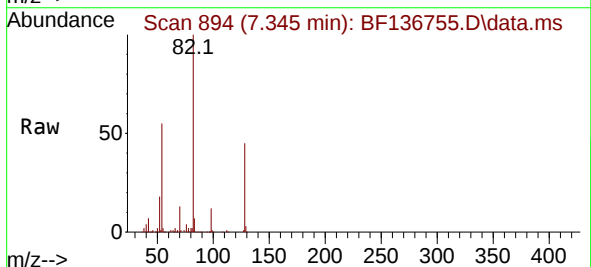
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 106262
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.773 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

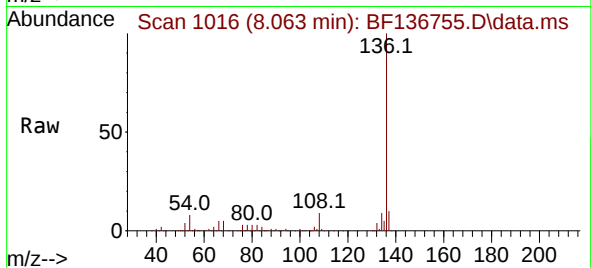
Tgt Ion: 70 Resp: 40477
Ion Ratio Lower Upper
70 100
42 52.2 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#



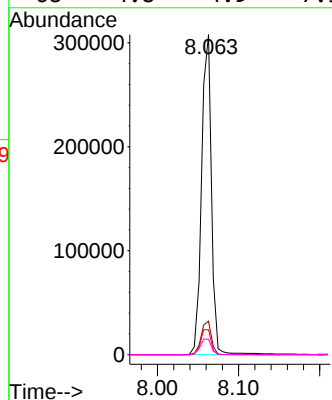
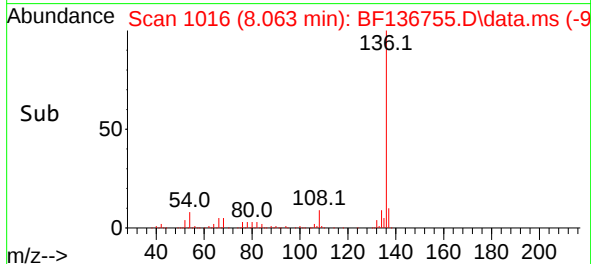


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

Instrument :
BNA_F
ClientSampleId :

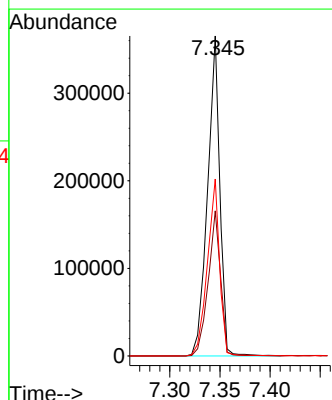
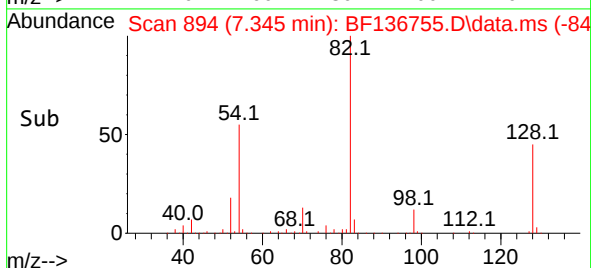
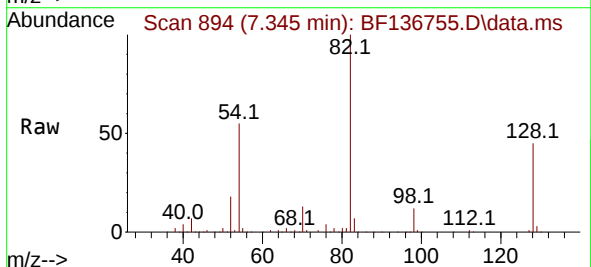


Tgt Ion:136 Resp: 261736
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.8 7.2 10.8
68 4.8 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 61.317 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

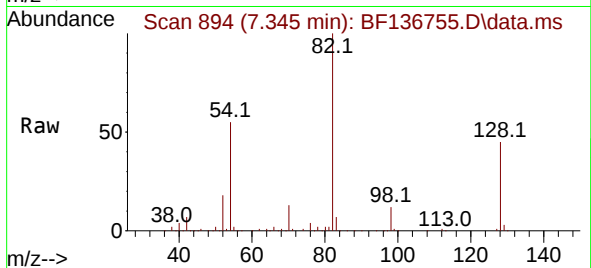
Tgt Ion: 82 Resp: 313634
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 55.3 44.5 66.7



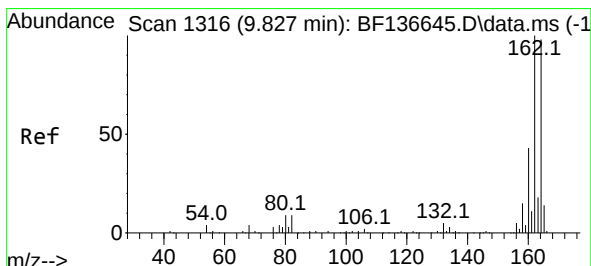
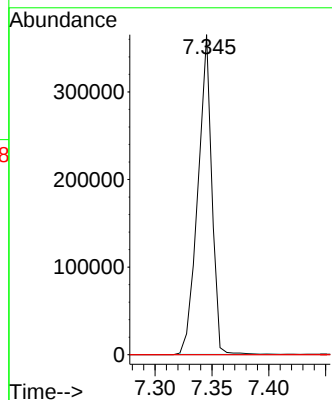
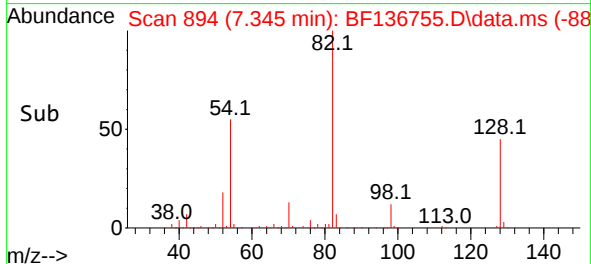


#25
Isophorone
Concen: 33.408 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

Instrument :
BNA_F
ClientSampleId :

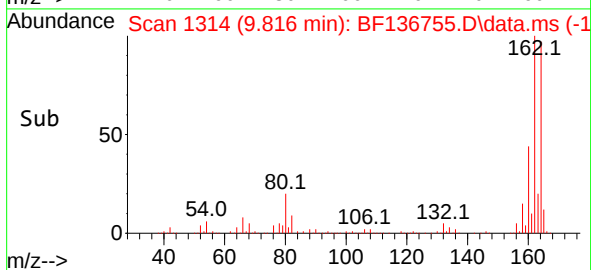
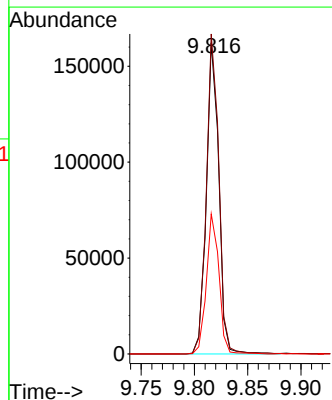
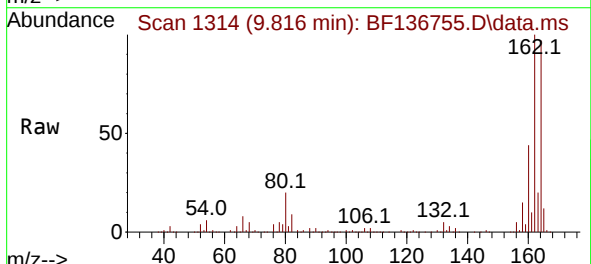


Tgt Ion: 82 Resp: 310937
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

Tgt Ion: 164 Resp: 132243
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 45.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 92.925 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

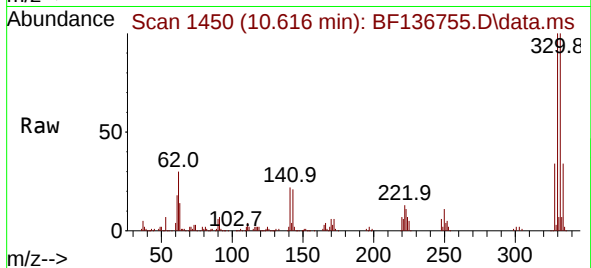
Lab File: BF136755.D

Acq: 27 Dec 2023 13:25

Instrument :

BNA_F

ClientSampleId :



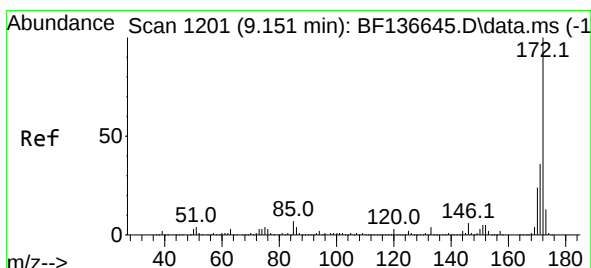
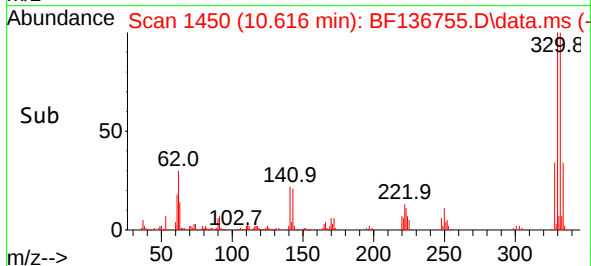
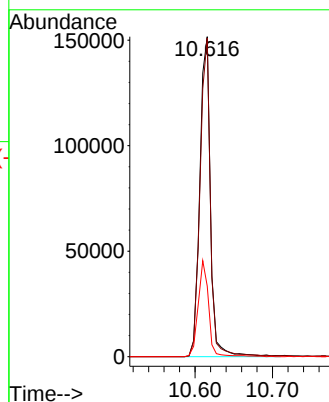
Tgt Ion:330 Resp: 144727

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 63.146 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136755.D

Acq: 27 Dec 2023 13:25

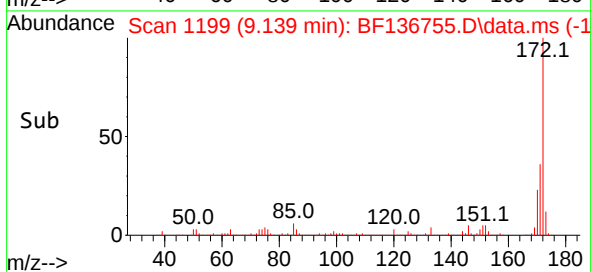
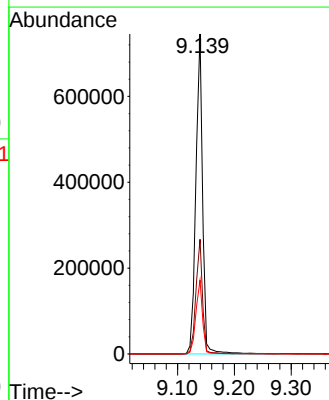
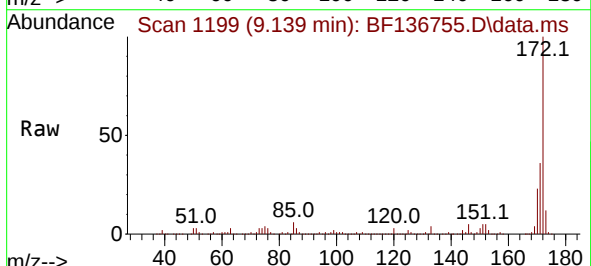
Tgt Ion:172 Resp: 620871

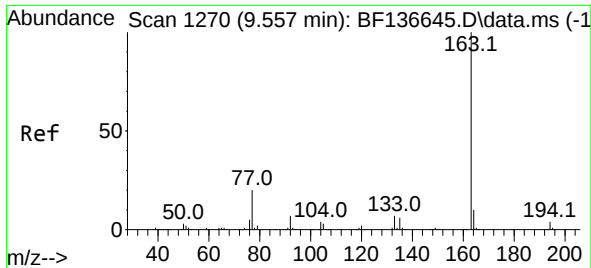
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.0 19.0 28.4

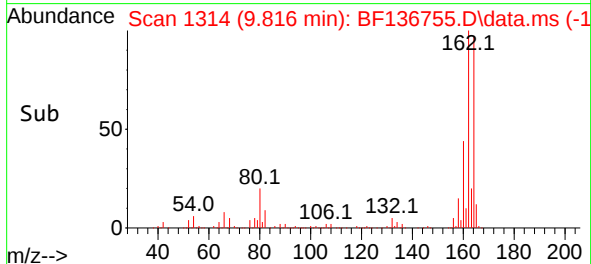
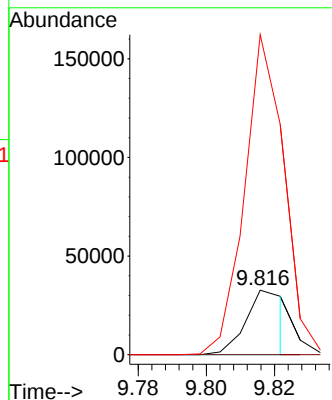
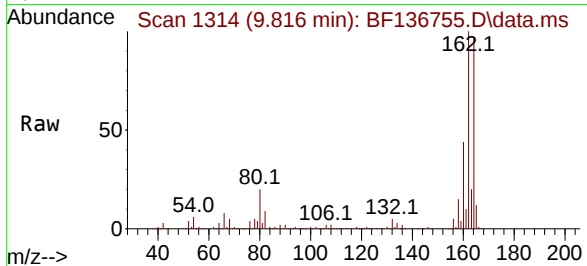




#50
Dimethylphthalate
Concen: 2.719 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

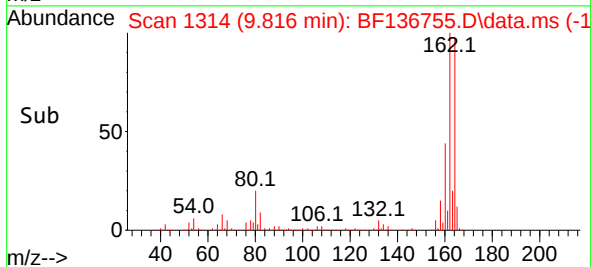
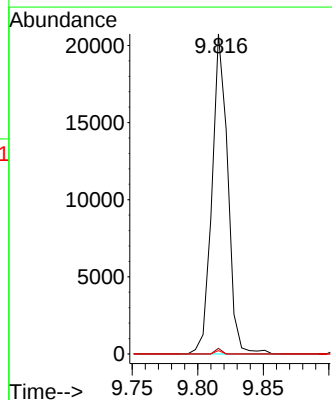
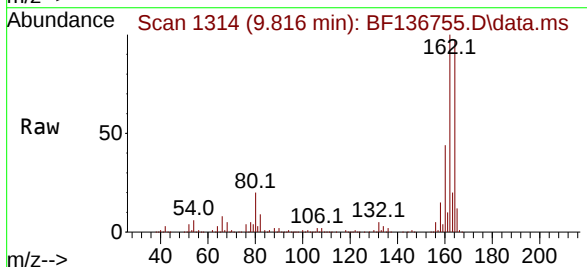
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26268
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 495.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.919 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

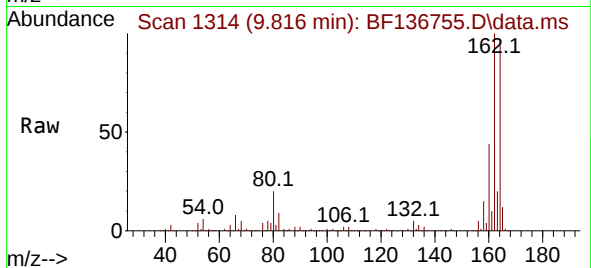
Tgt Ion:165 Resp: 17361
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.1 38.8 58.2#



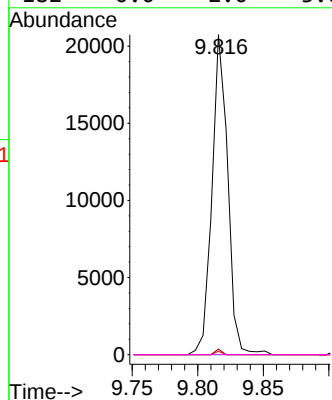
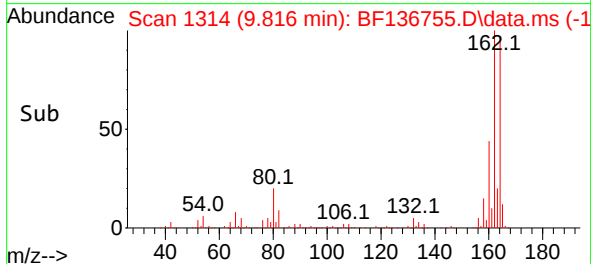


#57
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

Instrument :
BNA_F
ClientSampleId :

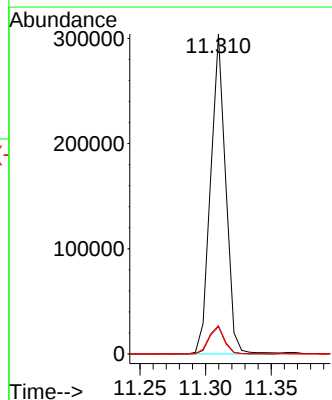
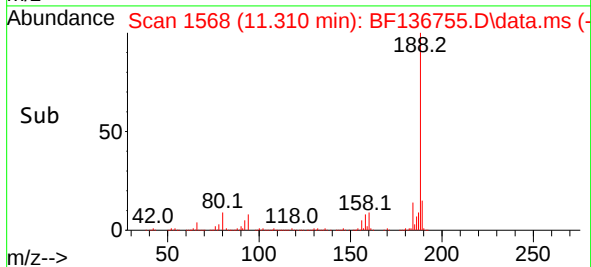
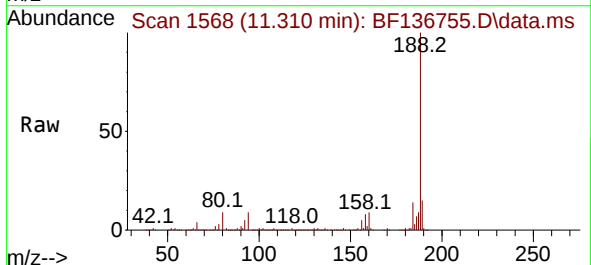


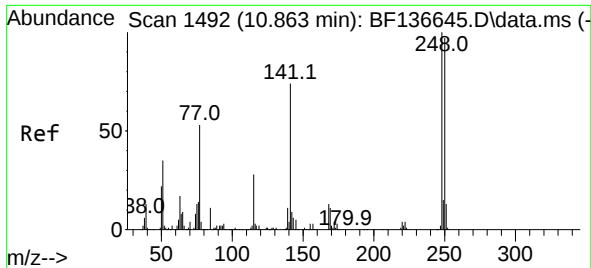
Tgt Ion:165 Resp: 17361
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

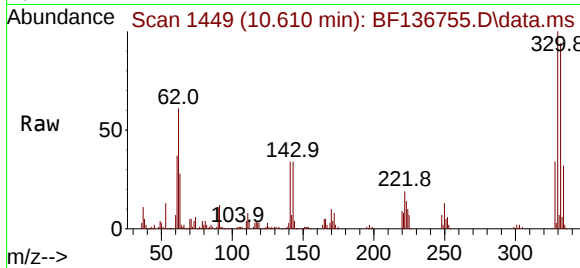
Tgt Ion:188 Resp: 243928
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.9 8.1 12.1



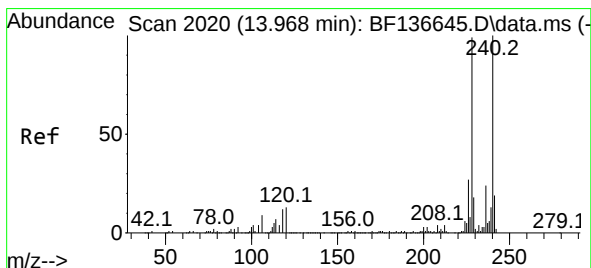
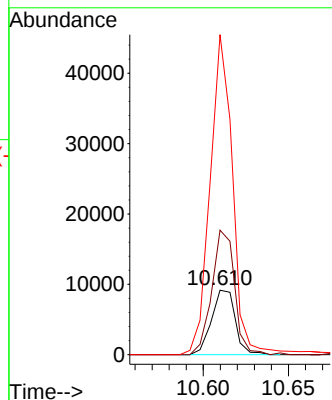
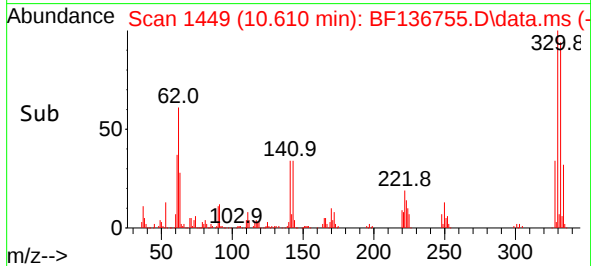


#67
4-Bromophenyl-phenylether
Concen: 3.289 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25

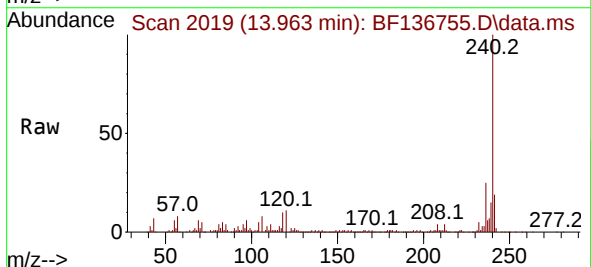
Instrument :
BNA_F
ClientSampleId :



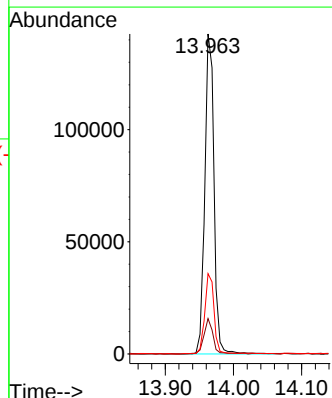
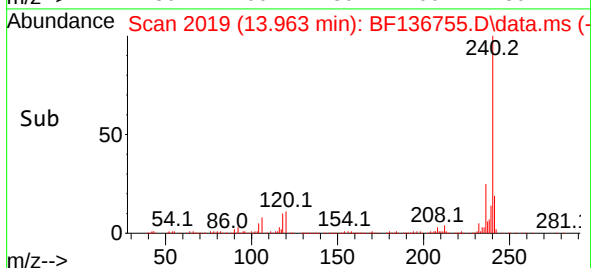
Tgt Ion:248 Resp: 8910
Ion Ratio Lower Upper
248 100
250 192.9 77.8 116.6#
141 495.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136755.D
Acq: 27 Dec 2023 13:25



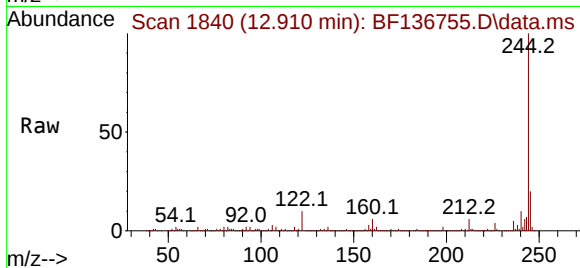
Tgt Ion:240 Resp: 134143
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 25.1 19.4 29.2



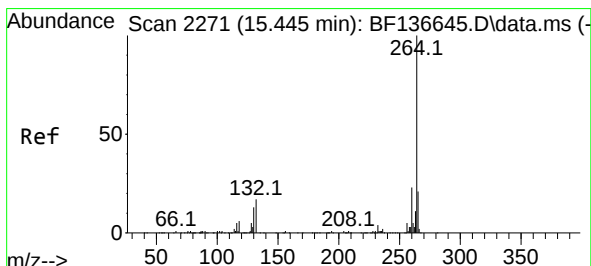
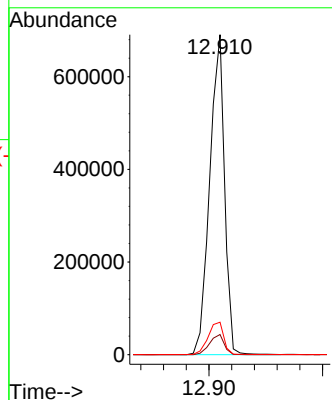
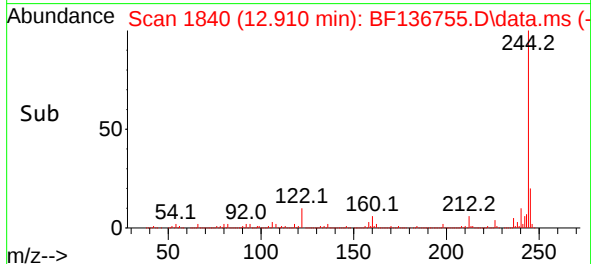


#79
 Terphenyl-d14
 Concen: 65.090 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136755.D
 Acq: 27 Dec 2023 13:25

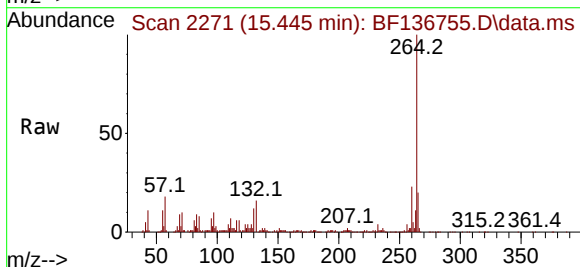
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 624800
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.2 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: BF136755.D
 Acq: 27 Dec 2023 13:25



Tgt Ion:264 Resp: 143791
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 20.0 17.0 25.6

