

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136726.D
 Acq On : 26 Dec 2023 18:52
 Operator : CG\JU
 Sample : PB157858TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157858TB

Quant Time: Dec 27 03:57:01 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)

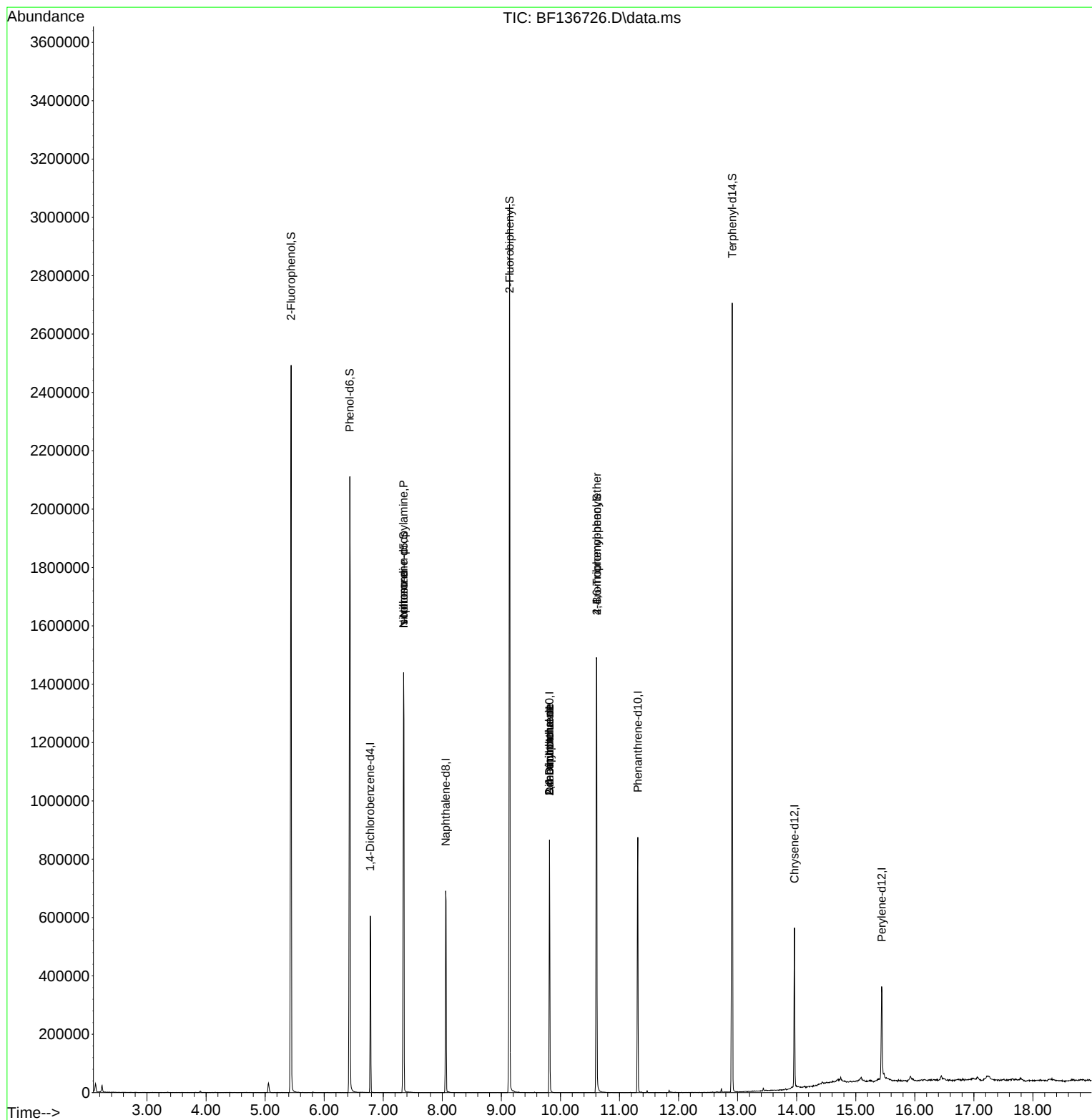
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	86340	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	332812	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	166937	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	320375	20.000	ng	0.00
76) Chrysene-d12	13.963	240	177426	20.000	ng	0.00
86) Perylene-d12	15.439	264	162888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	691115	124.894	ng	0.01
7) Phenol-d6	6.434	99	874493	121.962	ng	0.00
23) Nitrobenzene-d5	7.345	82	538973	82.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	222698	113.272	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1021583	82.307	ng	-0.01
79) Terphenyl-d14	12.910	244	1028567	81.013	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	72039	16.574	ng	# 73
25) Isophorone	7.345	82	537124	45.386	ng	# 65
50) Dimethylphthalate	9.816	163	31931	2.619	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	21471	7.759	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	21471	5.977	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	13148	3.695	ng	# 1

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

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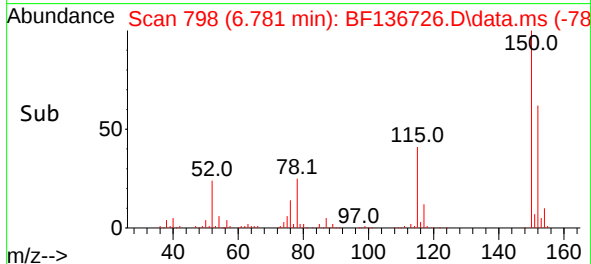
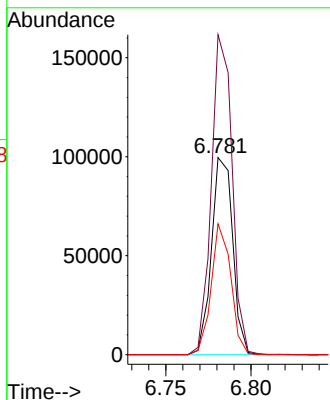
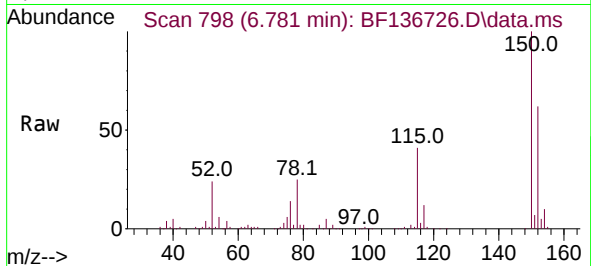




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

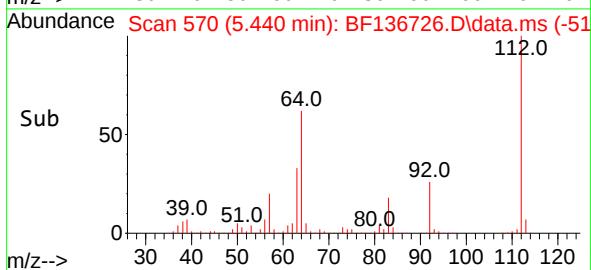
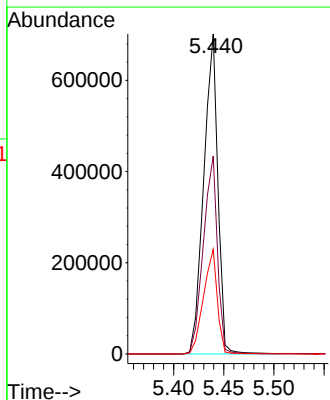
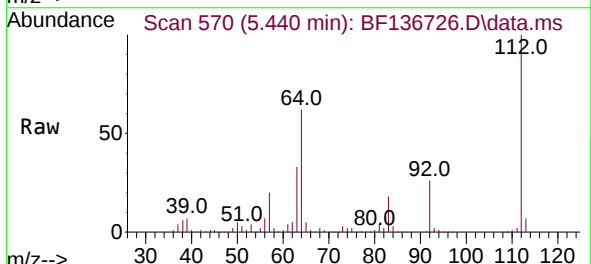
Instrument :
BNA_F
ClientSampleId :
PB157858TB

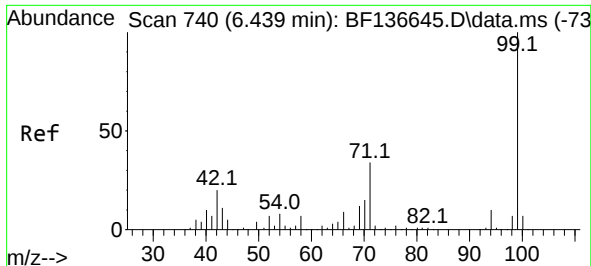
Tgt Ion:152 Resp: 86340
Ion Ratio Lower Upper
152 100
150 162.4 127.0 190.6
115 66.4 49.0 73.4



#5
2-Fluorophenol
Concen: 124.894 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

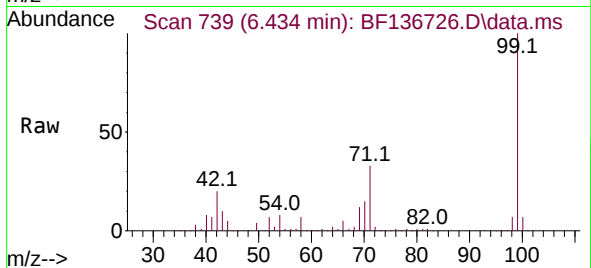
Tgt Ion:112 Resp: 691115
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 32.7 26.1 39.1



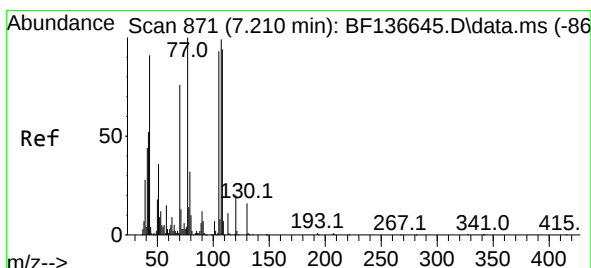
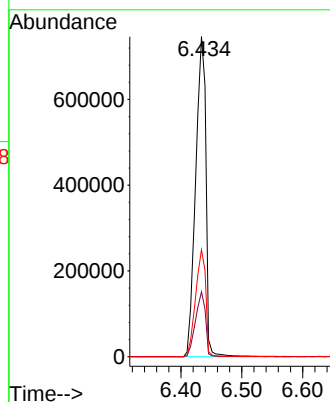
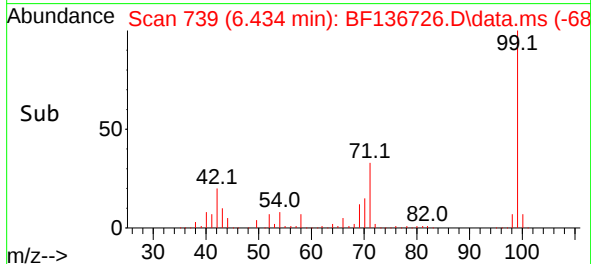


#7
Phenol-d6
Concen: 121.962 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

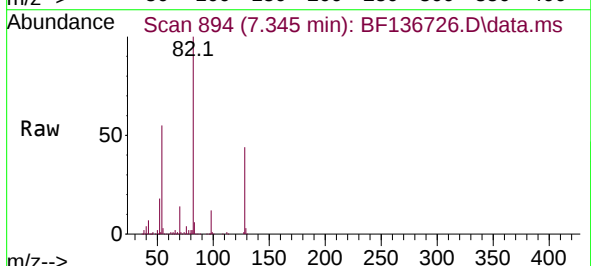
Instrument :
BNA_F
ClientSampleId :
PB157858TB



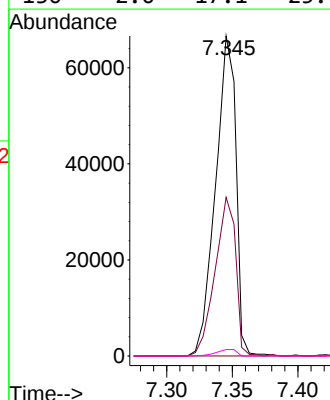
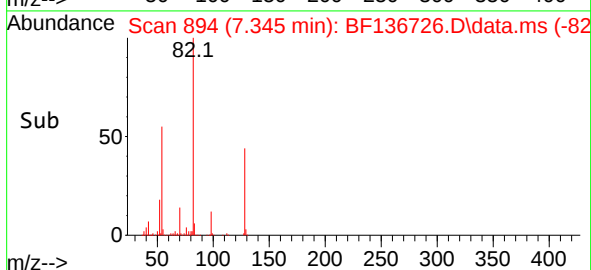
Tgt Ion: 99 Resp: 874493
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 33.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.574 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52



Tgt Ion: 70 Resp: 72039
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



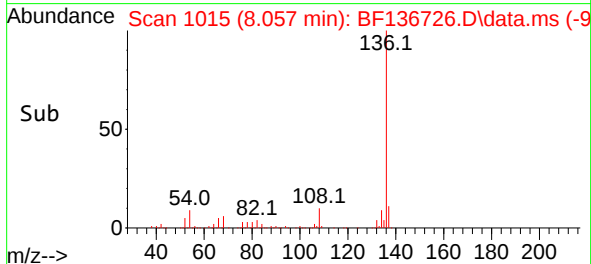
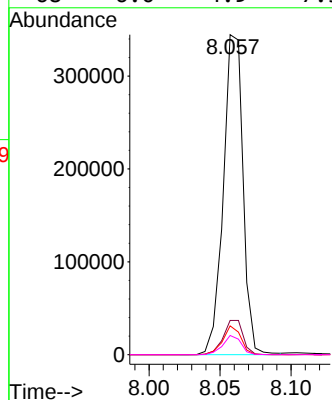
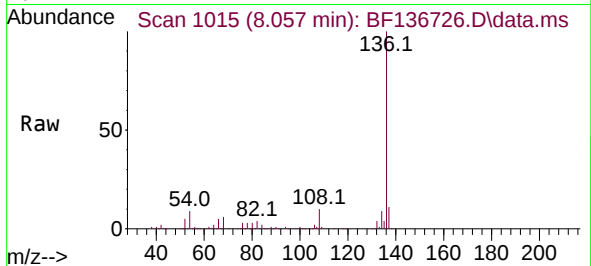


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Instrument :
BNA_F
ClientSampleId :
PB157858TB

Tgt Ion:136 Resp: 332812

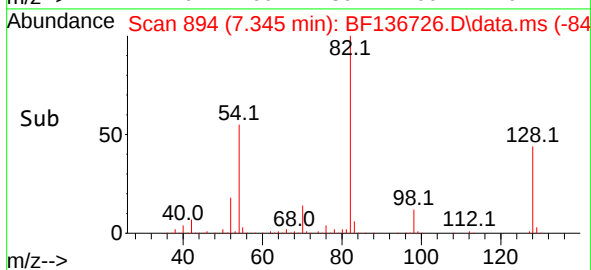
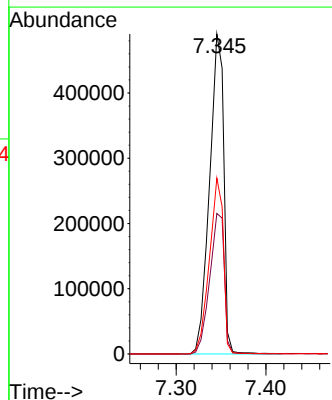
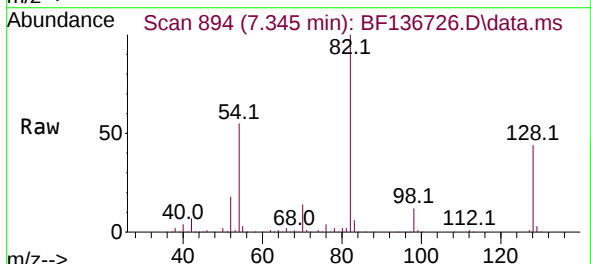
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.0	7.2	10.8
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 82.869 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion: 82 Resp: 538973

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	55.0	44.5	66.7

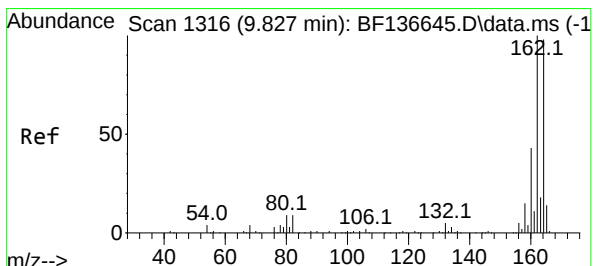
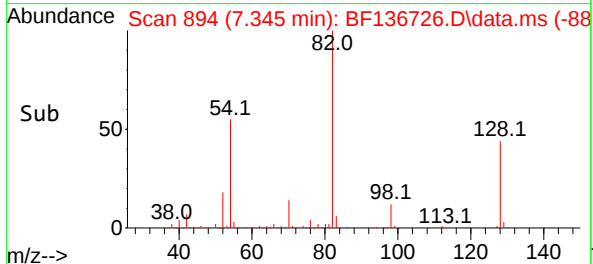
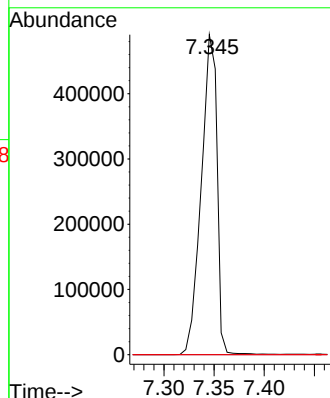
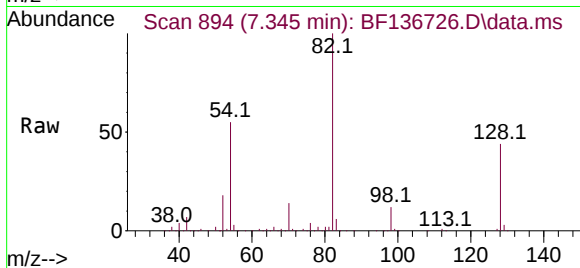




#25
Isophorone
Concen: 45.386 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

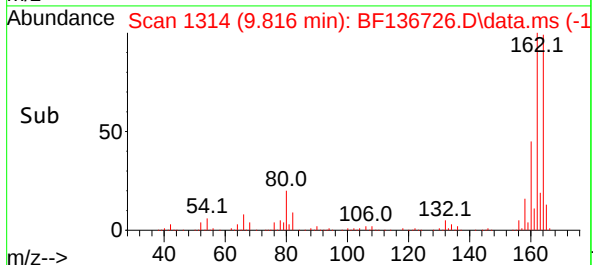
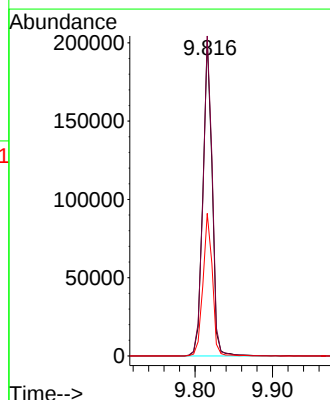
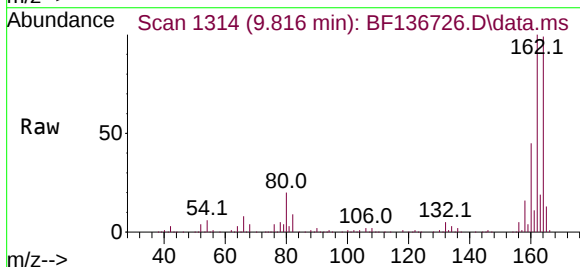
Instrument :
BNA_F
ClientSampleId :
PB157858TB

Tgt Ion: 82 Resp: 537124
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: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion:164 Resp: 166937
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 113.272 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136726.D

Acq: 26 Dec 2023 18:52

Instrument :

BNA_F

ClientSampleId :

PB157858TB

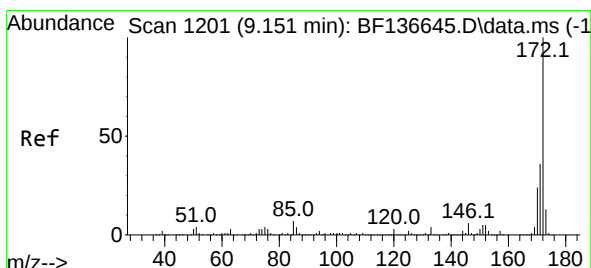
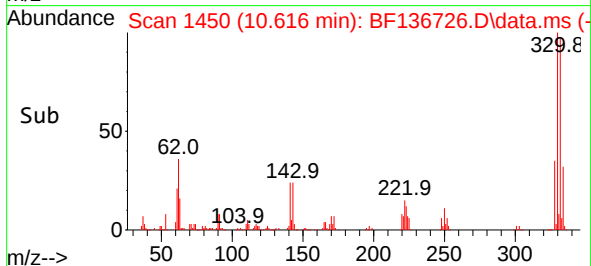
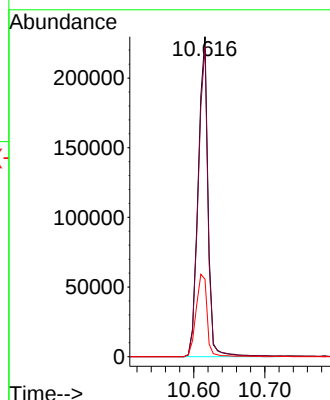
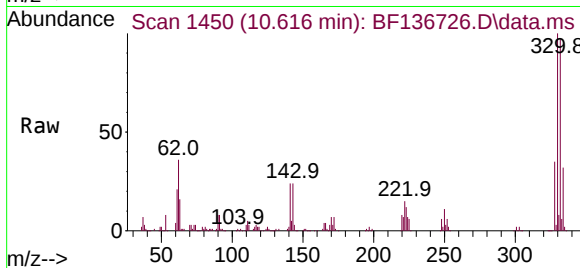
Tgt Ion:330 Resp: 222698

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.307 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136726.D

Acq: 26 Dec 2023 18:52

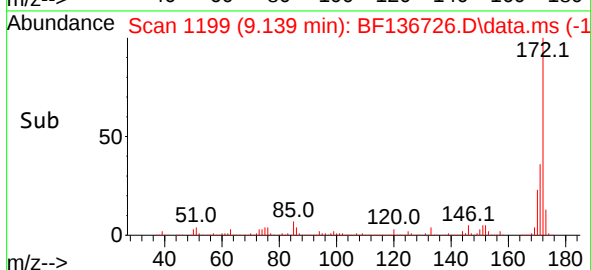
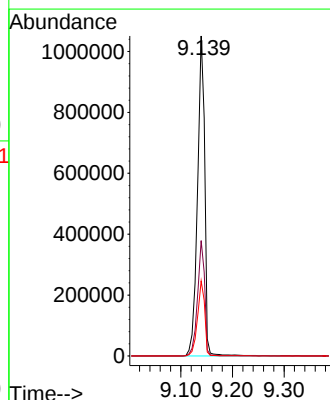
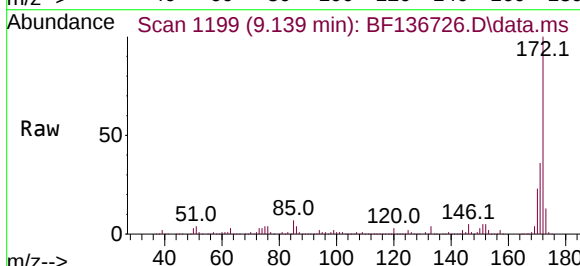
Tgt Ion:172 Resp: 1021583

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.4 19.0 28.4

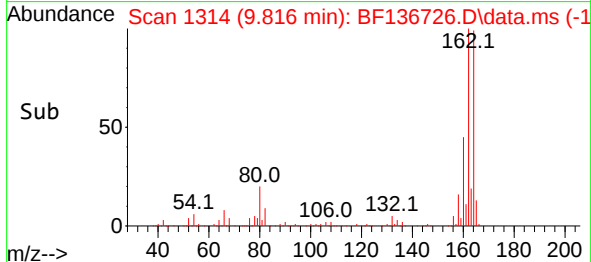
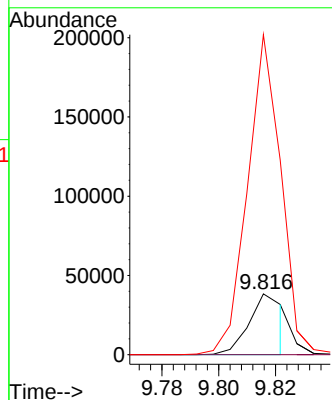
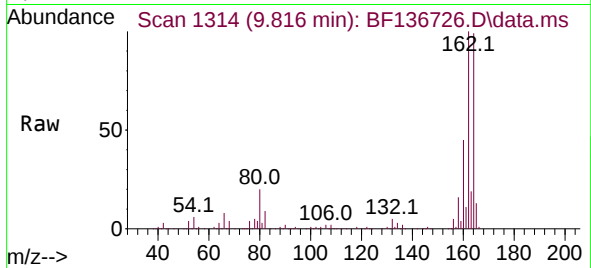




#50
Dimethylphthalate
Concen: 2.619 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

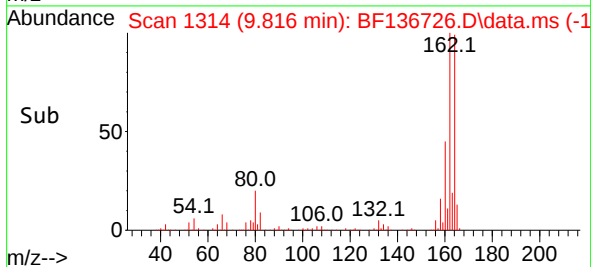
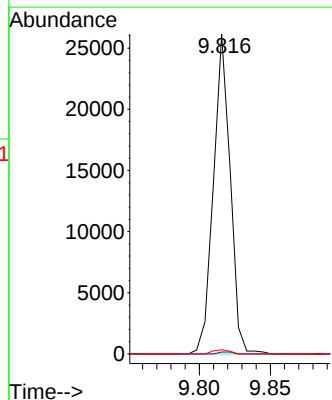
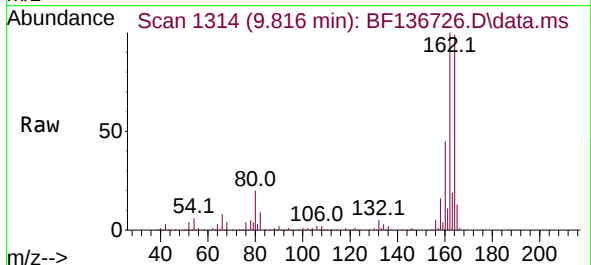
Instrument :
BNA_F
ClientSampleId :
PB157858TB

Tgt Ion:163 Resp: 31931
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 525.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.759 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

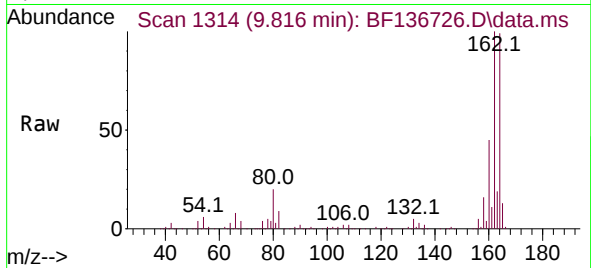
Tgt Ion:165 Resp: 21471
Ion Ratio Lower Upper
165 100
63 0.6 39.8 59.6#
89 1.3 38.8 58.2#



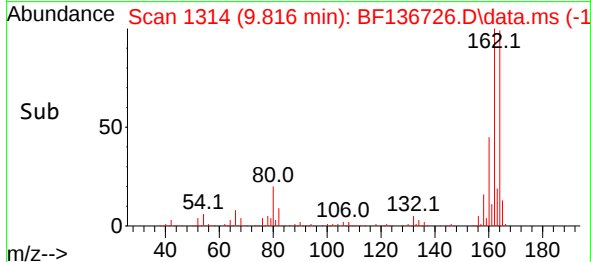
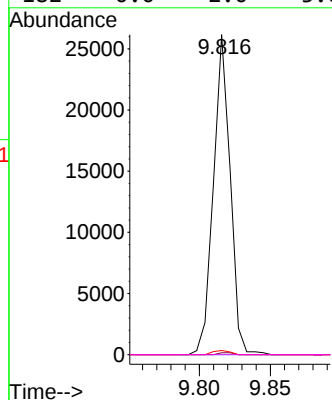


#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Instrument :
BNA_F
ClientSampleId :
PB157858TB

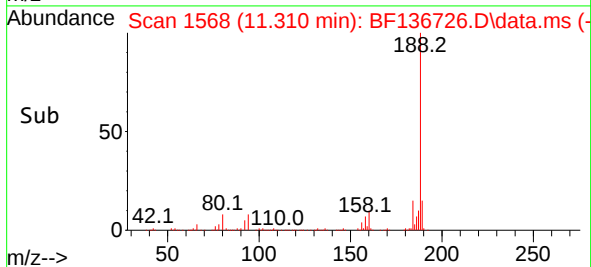
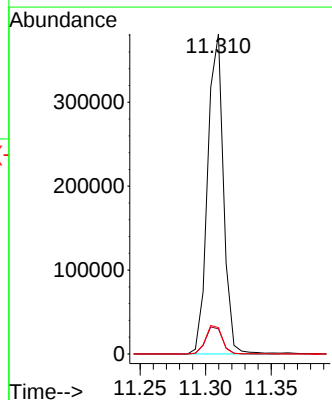
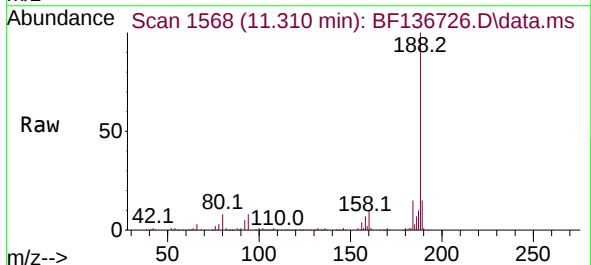


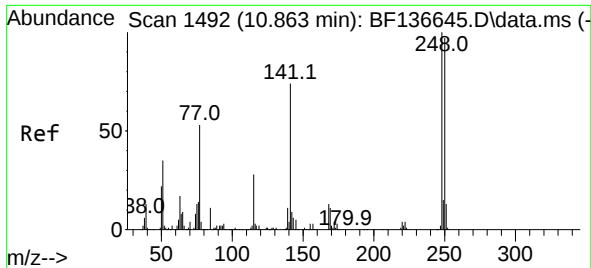
Tgt Ion:165 Resp: 21471
Ion Ratio Lower Upper
165 100
63 0.6 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion:188 Resp: 320375
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.2 8.1 12.1

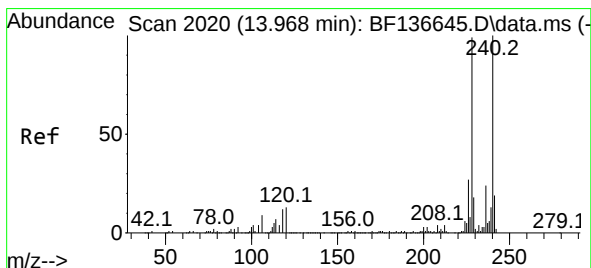
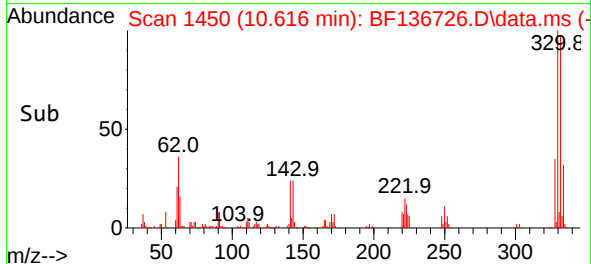
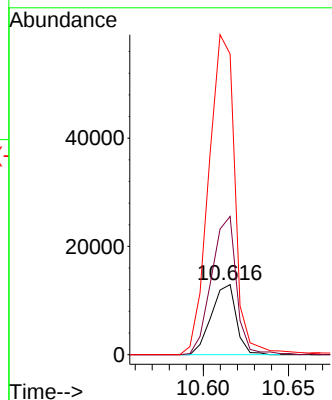
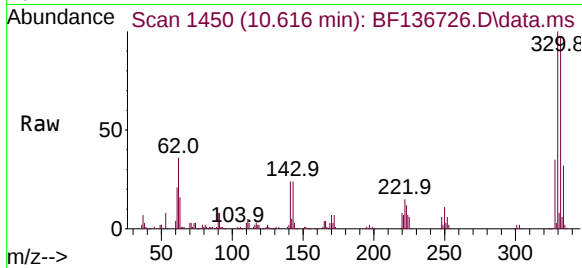




#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

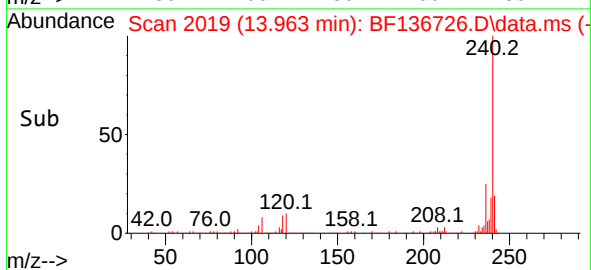
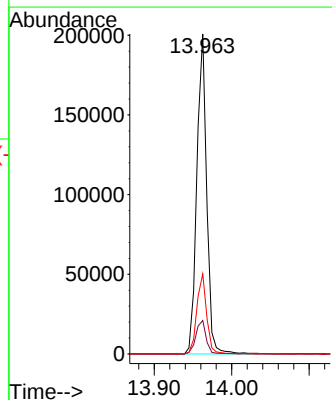
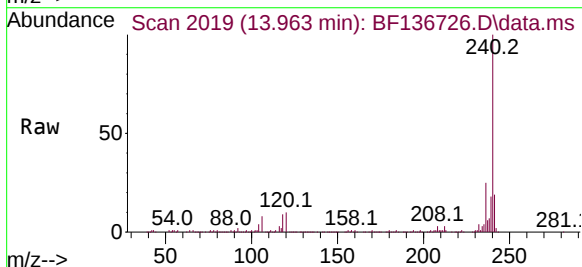
Instrument :
BNA_F
ClientSampleId :
PB157858TB

Tgt Ion:248 Resp: 13148
Ion Ratio Lower Upper
248 100
250 197.3 77.8 116.6#
141 429.2 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: BF136726.D
Acq: 26 Dec 2023 18:52

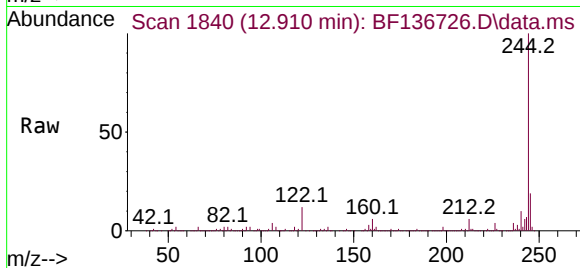
Tgt Ion:240 Resp: 177426
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.1 19.4 29.2



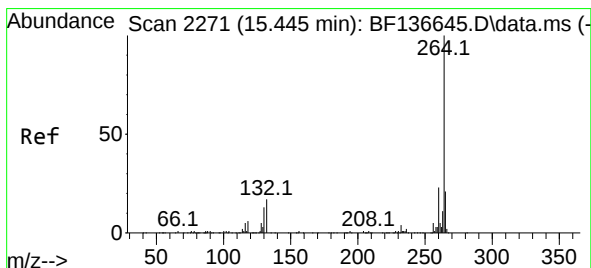
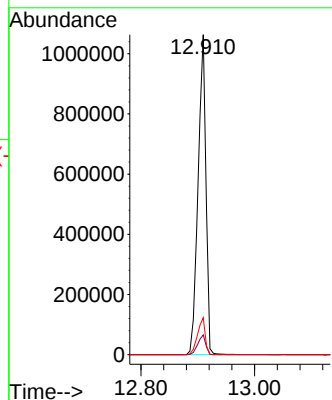
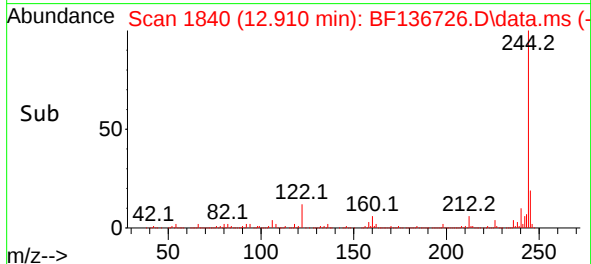


#79
 Terphenyl-d14
 Concen: 81.013 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136726.D
 Acq: 26 Dec 2023 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB157858TB



Tgt Ion:244 Resp: 1028567
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136726.D
 Acq: 26 Dec 2023 18:52

Tgt Ion:264 Resp: 162888
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.2 17.0 25.6

