

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139573.D
 Acq On : 30 Sep 2024 12:28
 Operator : RC/JU
 Sample : PB163743BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163743BL

Quant Time: Sep 30 12:55:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

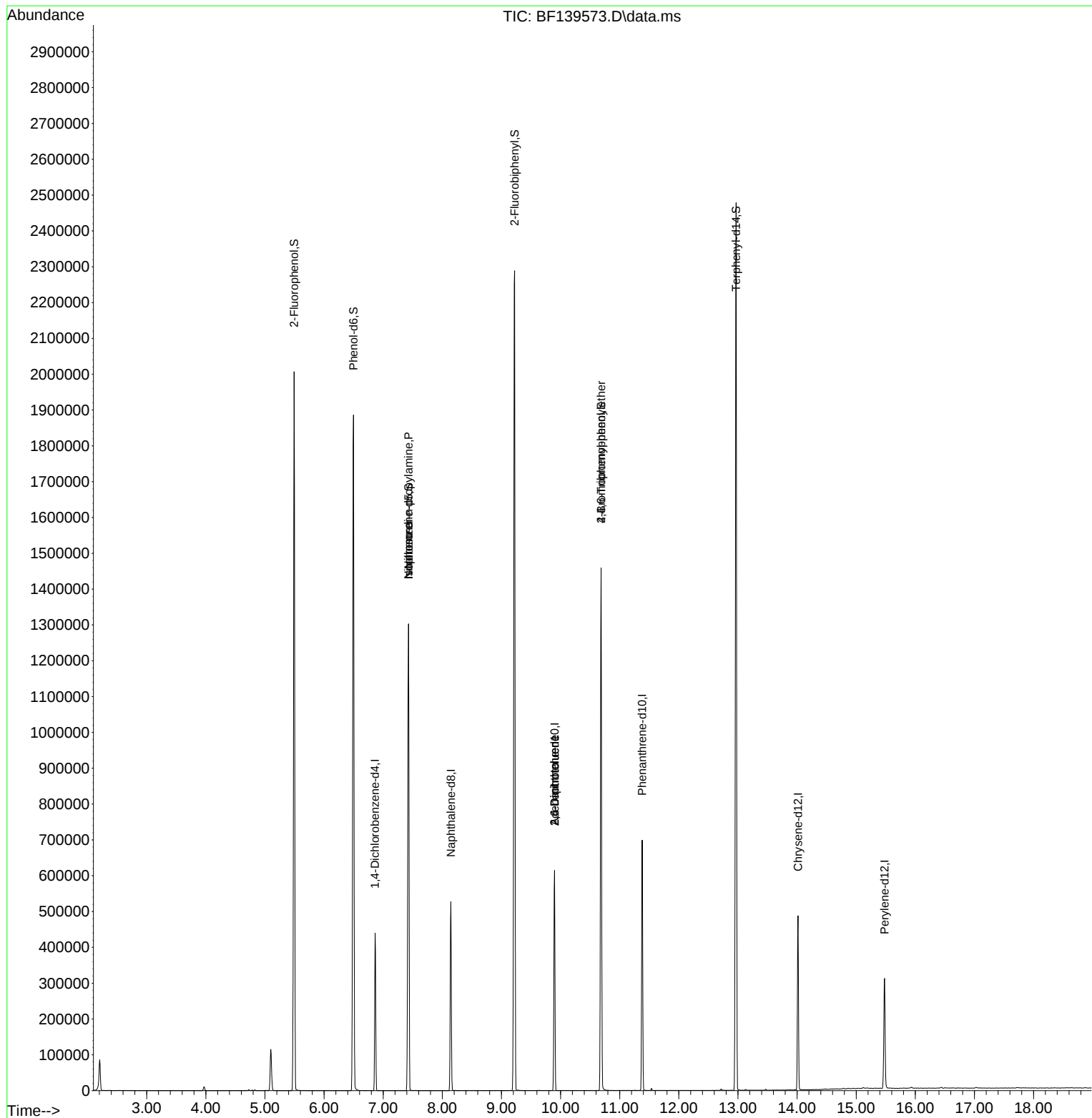
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86253	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	322285	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	183027	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	358280	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	224095	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	180273	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	686293	129.802	ng	0.00
7) Phenol-d6	6.498	99	893726	128.782	ng	0.00
23) Nitrobenzene-d5	7.428	82	592881	86.483	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	224356	115.140	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1078062	82.611	ng	-0.01
79) Terphenyl-d14	12.968	244	1233930	90.380	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	80305	19.527	ng	# 73
25) Isophorone	7.428	82	590978	54.508	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23430	8.804	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	23430	6.521	ng	# 16
67) 4-Bromophenyl-phenylether	10.686	248	15185	4.277	ng	# 1

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

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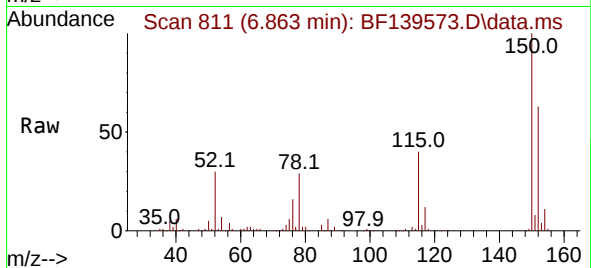
Quant Time: Sep 30 12:55:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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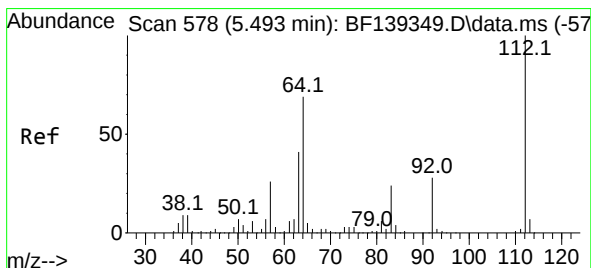
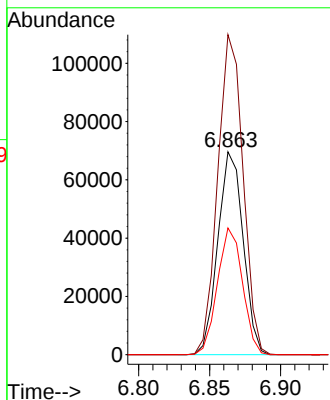
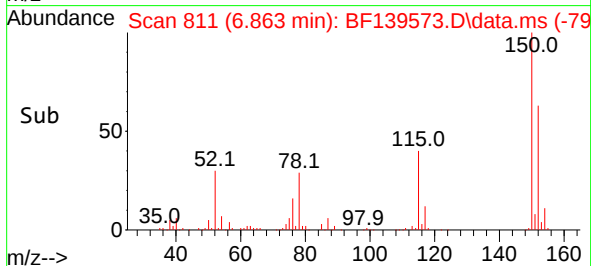


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

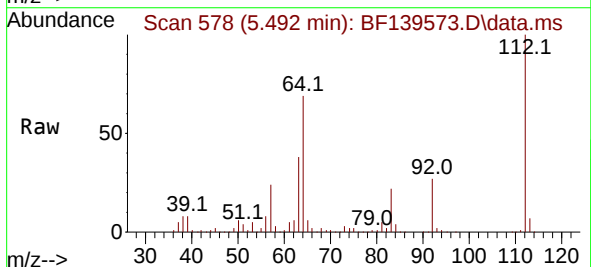
Instrument :
BNA_F
ClientSampleId :
PB163743BL



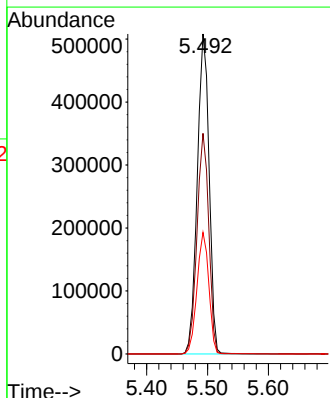
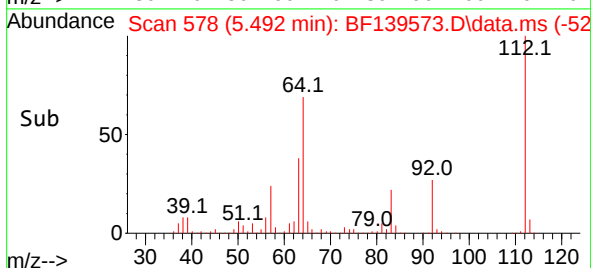
Tgt Ion:152 Resp: 86253
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 62.5 48.1 72.1

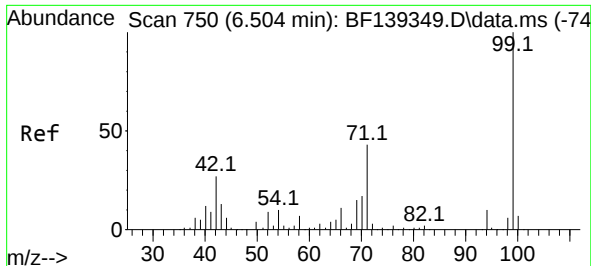


#5
2-Fluorophenol
Concen: 129.802 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28



Tgt Ion:112 Resp: 686293
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 38.0 33.0 49.4

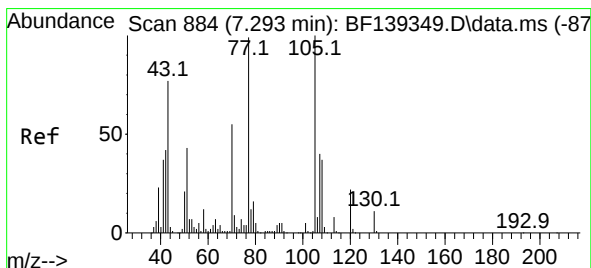
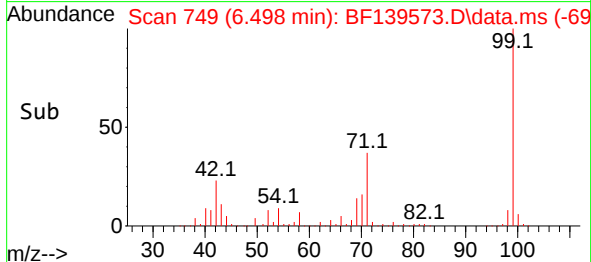
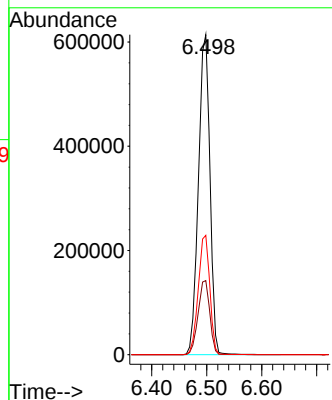
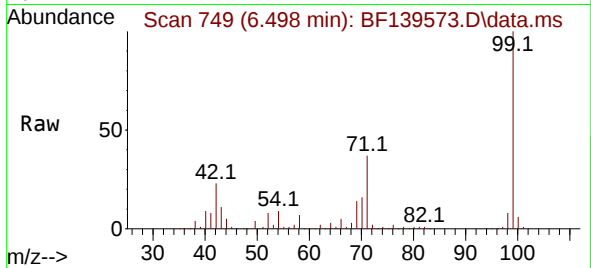




#7
Phenol-d6
Concen: 128.782 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

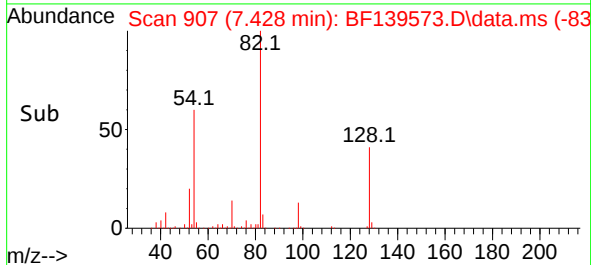
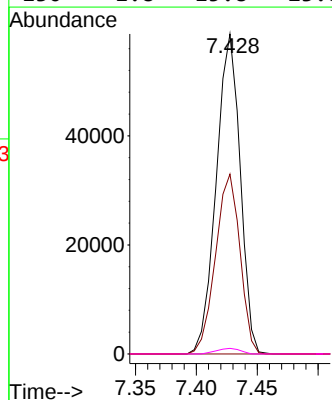
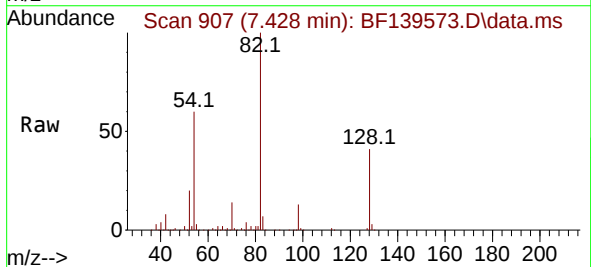
Instrument :
BNA_F
ClientSampleId :
PB163743BL

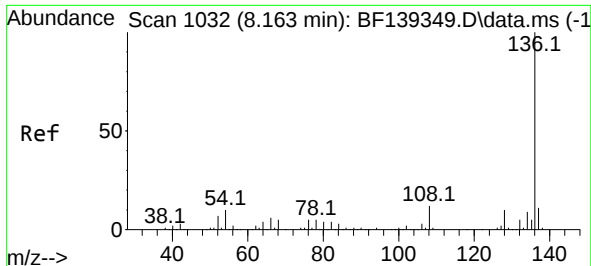
Tgt Ion: 99 Resp: 893726
Ion Ratio Lower Upper
99 100
42 23.2 21.9 32.9
71 37.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.527 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

Tgt Ion: 70 Resp: 80305
Ion Ratio Lower Upper
70 100
42 56.2 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#

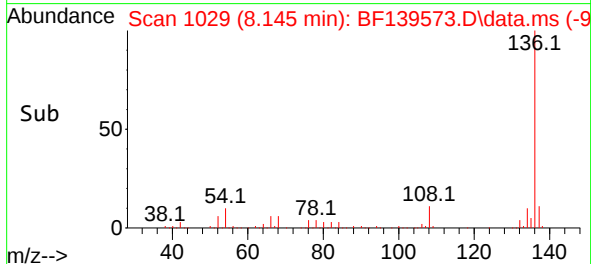
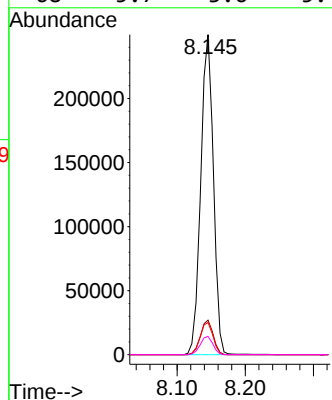
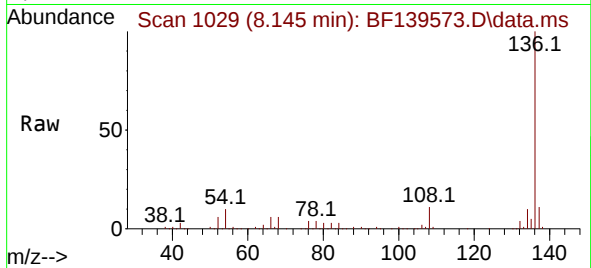




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

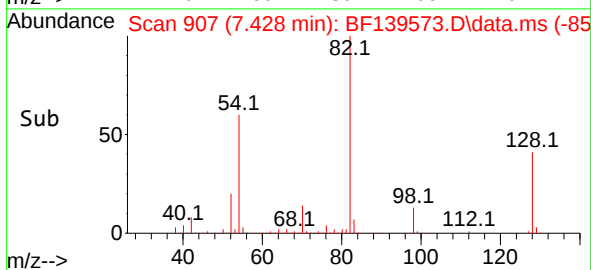
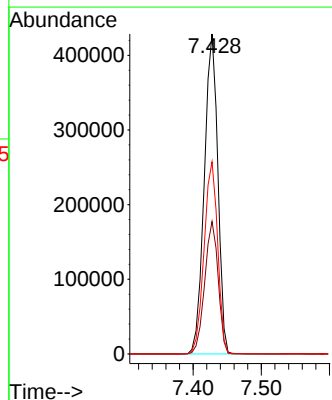
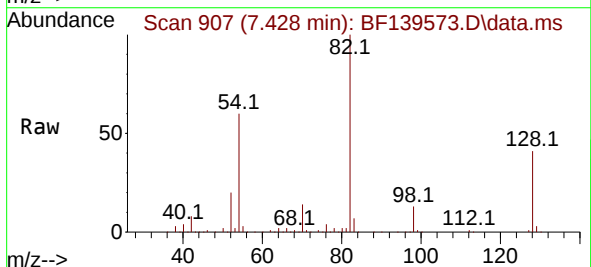
Instrument :
BNA_F
ClientSampleId :
PB163743BL

Tgt Ion:136 Resp: 322285
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.1 7.8 11.8
68 5.7 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 86.483 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.018 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

Tgt Ion: 82 Resp: 592881
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 60.1 50.6 75.8

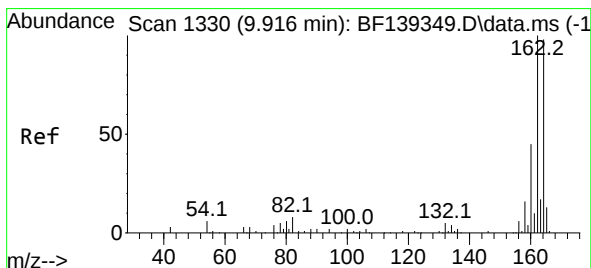
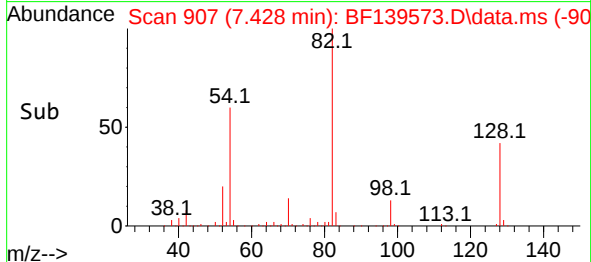
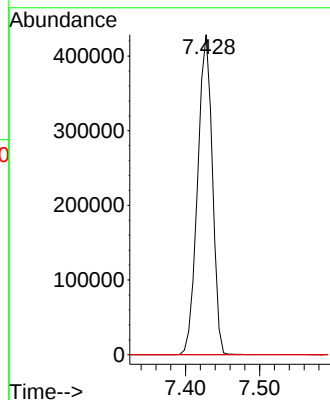
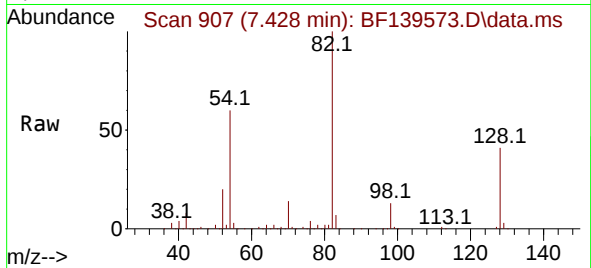




#25
Isophorone
Concen: 54.508 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

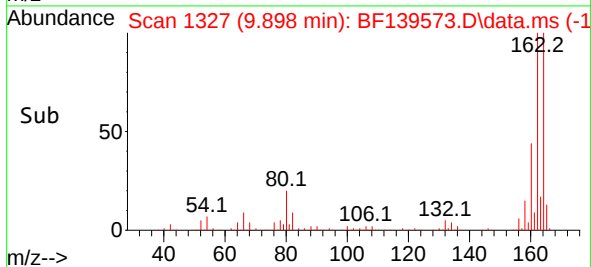
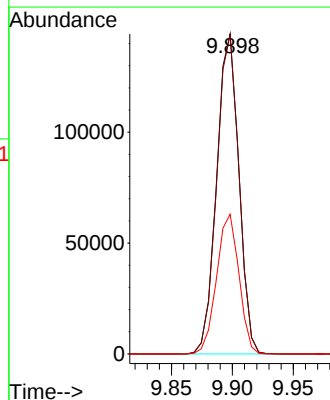
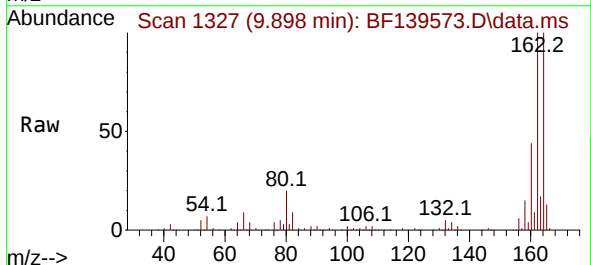
Instrument :
BNA_F
ClientSampleId :
PB163743BL

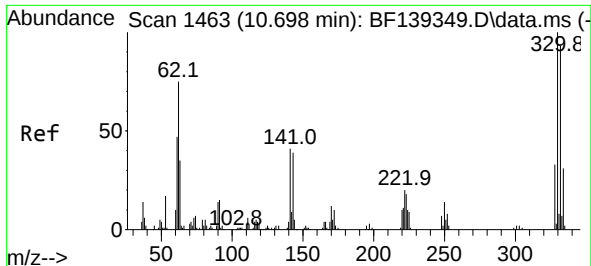
Tgt Ion: 82 Resp: 590978
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139573.D
Acq: 30 Sep 2024 12:28

Tgt Ion:164 Resp: 183027
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 43.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 115.140 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139573.D

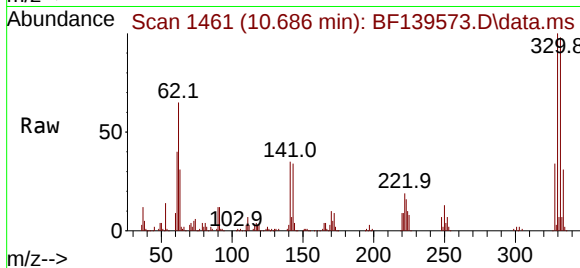
Acq: 30 Sep 2024 12:28

Instrument :

BNA_F

ClientSampleId :

PB163743BL



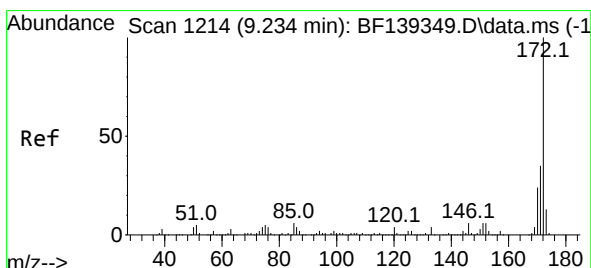
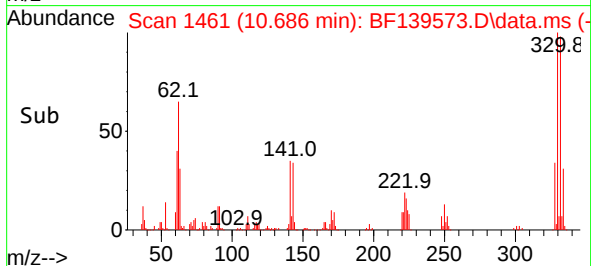
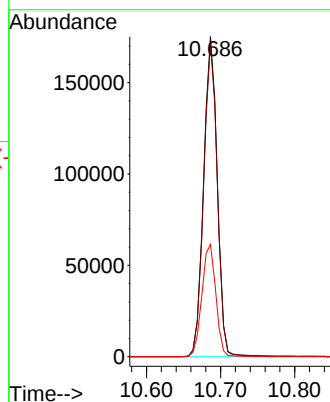
Tgt Ion:330 Resp: 224356

Ion Ratio Lower Upper

330 100

332 97.7 75.2 112.8

141 35.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 82.611 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

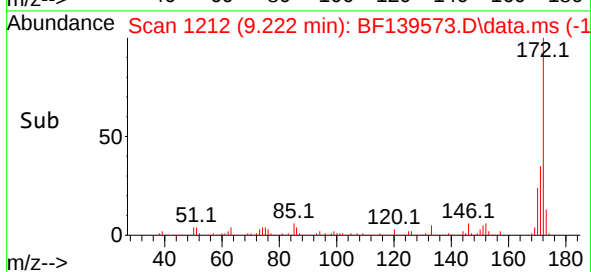
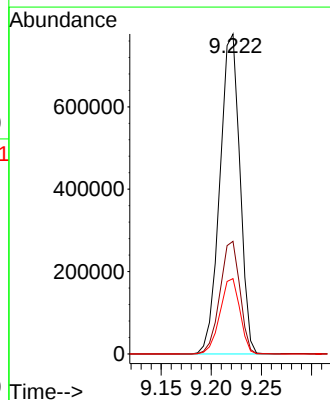
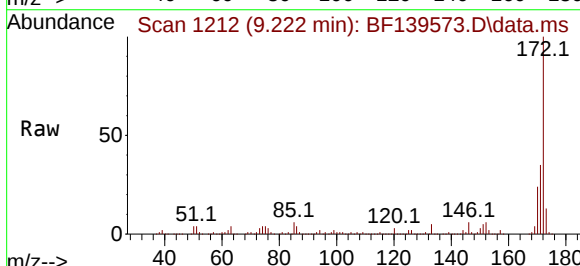
Tgt Ion:172 Resp: 1078062

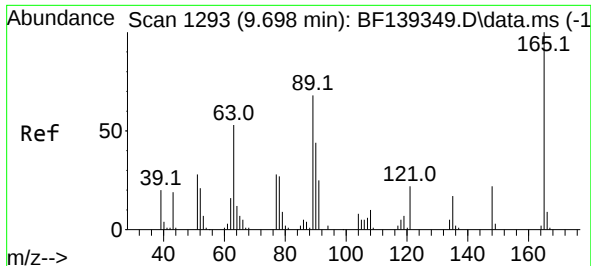
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.804 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

Instrument :

BNA_F

ClientSampleId :

PB163743BL

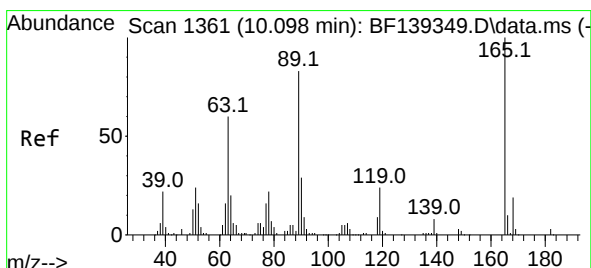
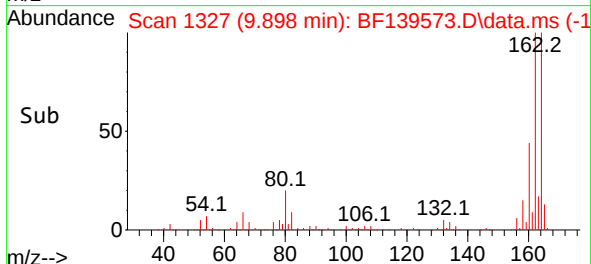
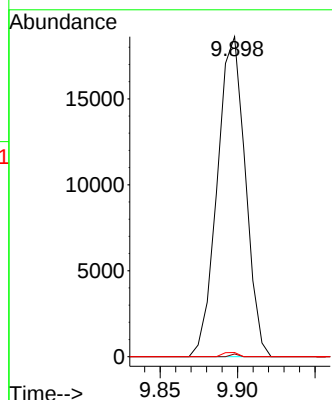
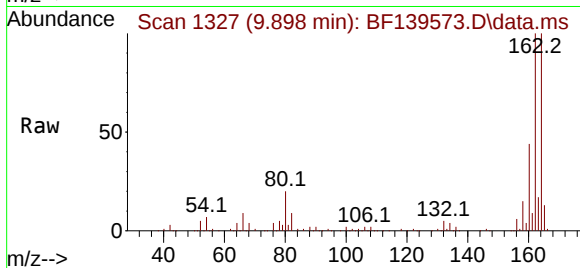
Tgt Ion:165 Resp: 23430

Ion Ratio Lower Upper

165 100

63 0.9 60.9 91.3#

89 1.3 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.521 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

Tgt Ion:165 Resp: 23430

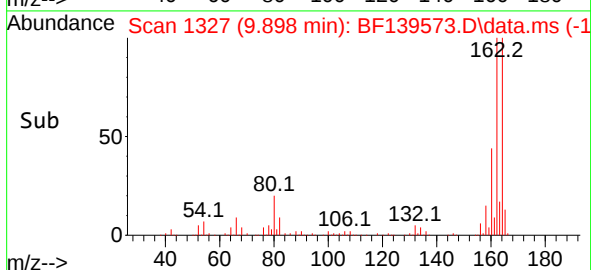
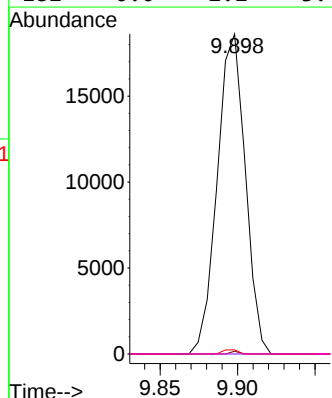
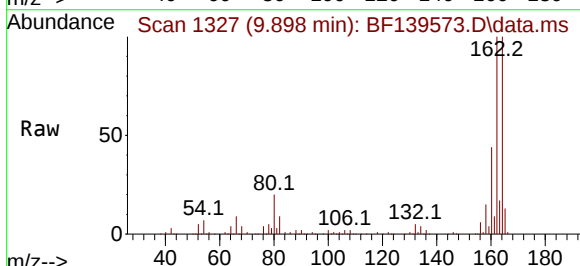
Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.6#

89 1.3 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

Instrument :

BNA_F

ClientSampleId :

PB163743BL

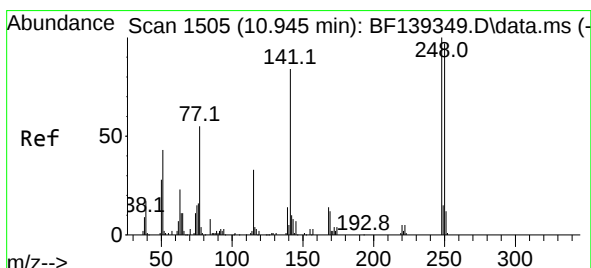
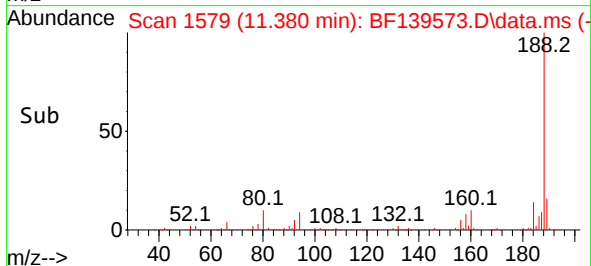
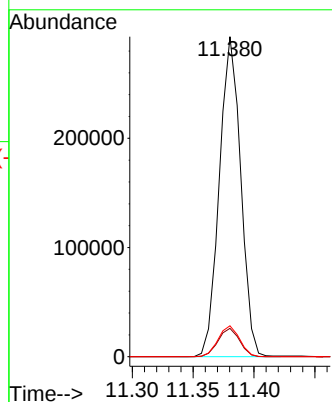
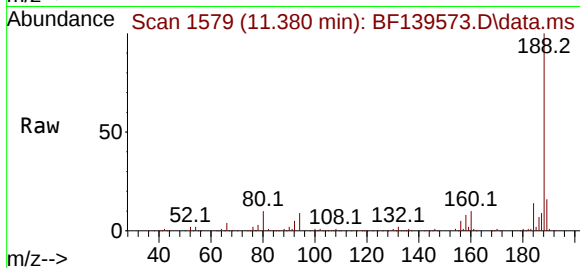
Tgt Ion:188 Resp: 358280

Ion Ratio Lower Upper

188 100

94 8.9 5.5 8.3#

80 9.6 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.277 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.259 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

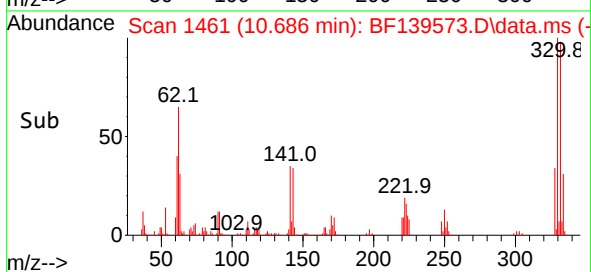
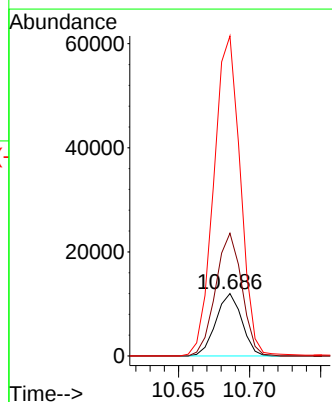
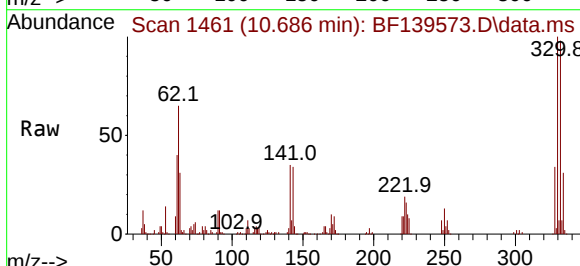
Tgt Ion:248 Resp: 15185

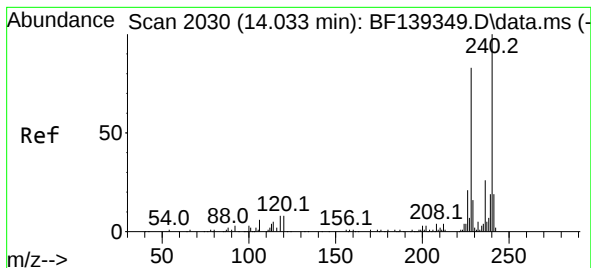
Ion Ratio Lower Upper

248 100

250 196.6 77.6 116.4#

141 512.5 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

Instrument :

BNA_F

ClientSampleId :

PB163743BL

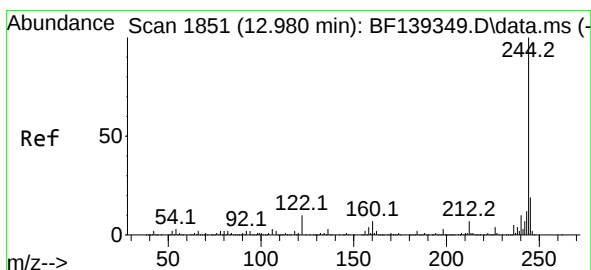
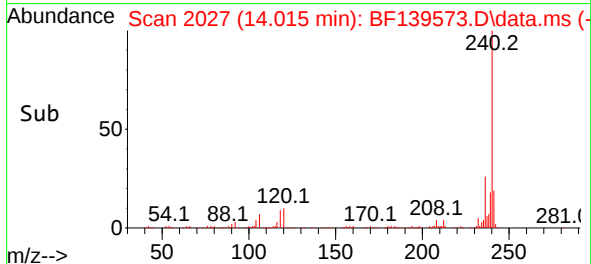
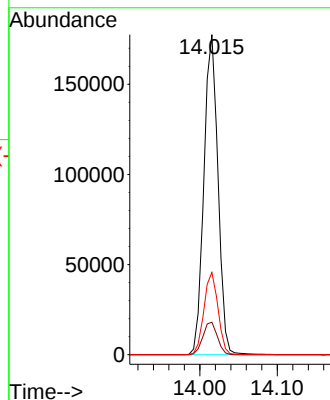
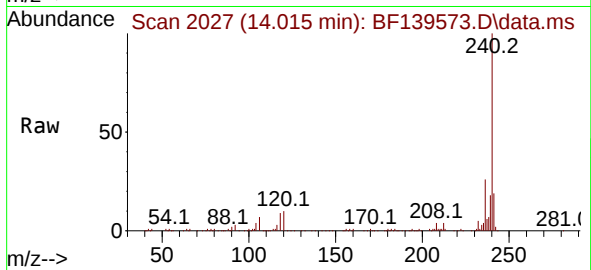
Tgt Ion:240 Resp: 224095

Ion Ratio Lower Upper

240 100

120 10.2 6.2 9.2#

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 90.380 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139573.D

Acq: 30 Sep 2024 12:28

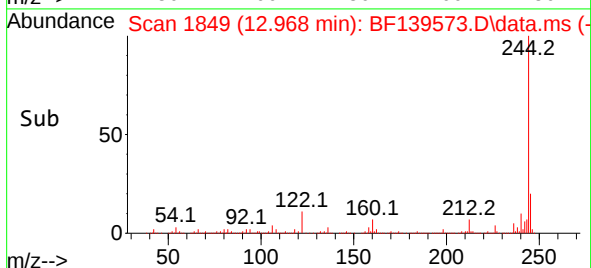
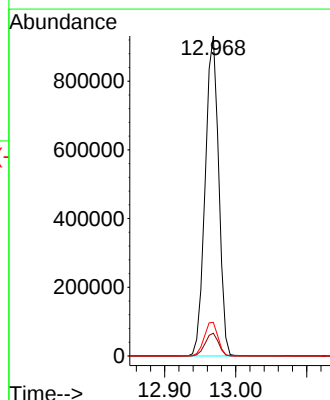
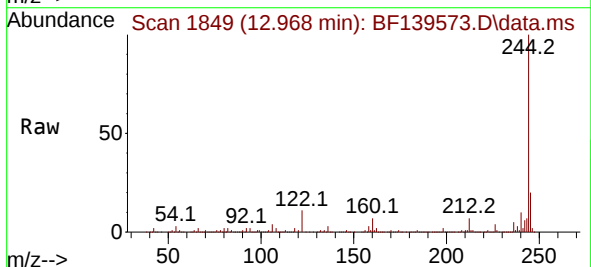
Tgt Ion:244 Resp: 1233930

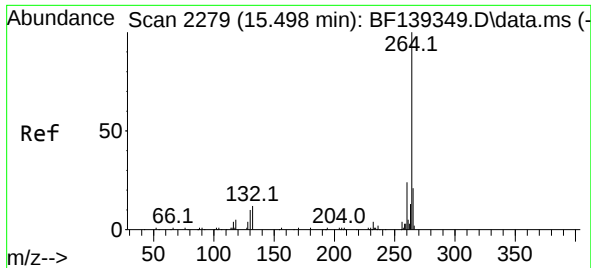
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF139573.D
 Acq: 30 Sep 2024 12:28

Instrument :
 BNA_F
 ClientSampleId :
 PB163743BL

Tgt Ion:264 Resp: 180273
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 16.6 25.0

