

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139598.D
 Acq On : 02 Oct 2024 11:10
 Operator : RC/JU
 Sample : PB163811BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BL

Quant Time: Oct 02 11:32:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

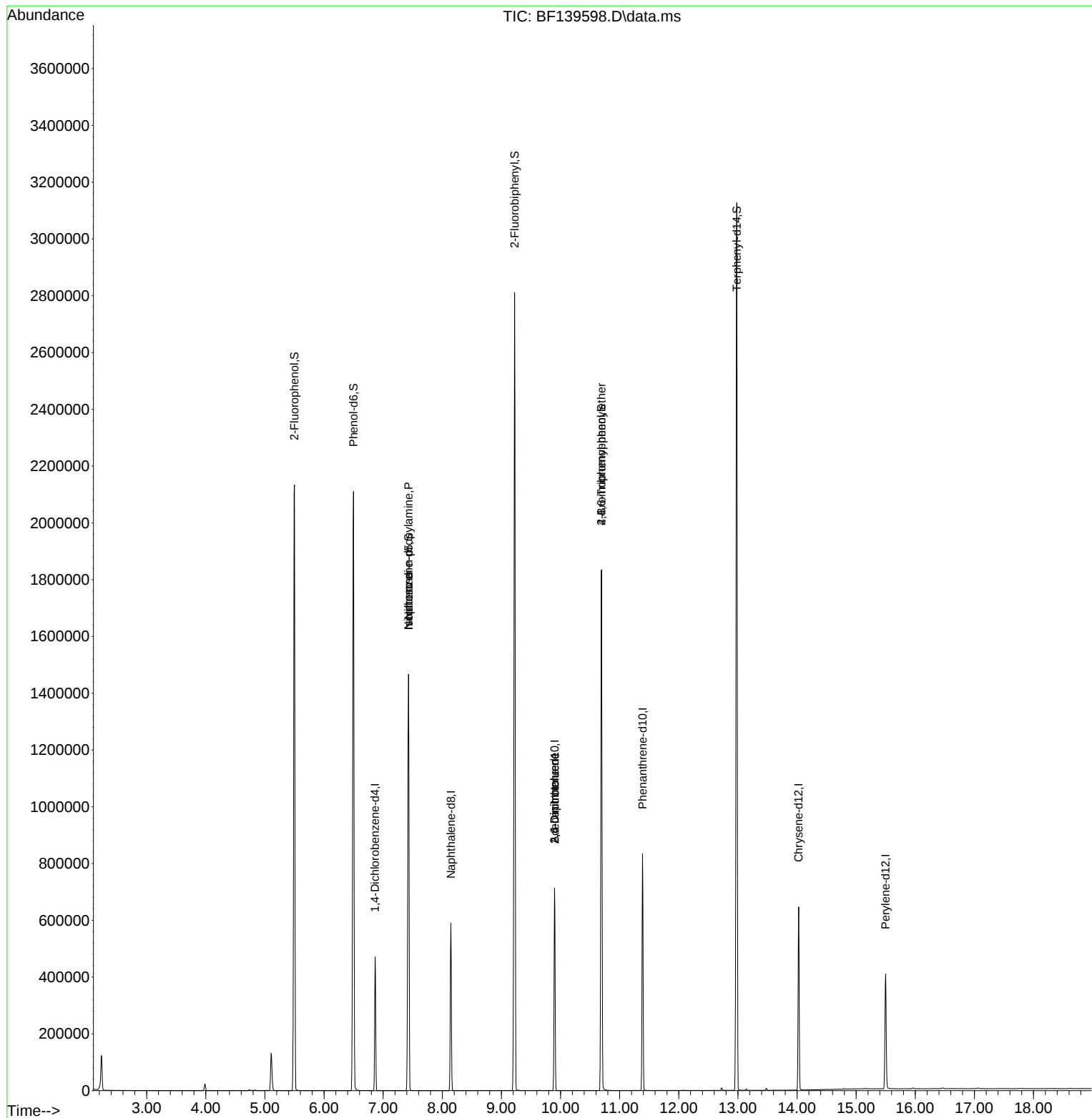
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93088	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	363268	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	211278	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	432501	20.000	ng	0.00
76) Chrysene-d12	14.027	240	300819	20.000	ng	0.00
86) Perylene-d12	15.498	264	234905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	773795	144.076	ng	0.01
7) Phenol-d6	6.498	99	1031019	142.751	ng	0.00
23) Nitrobenzene-d5	7.428	82	683417	95.251	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	292801	143.562	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1290034	93.736	ng	0.00
79) Terphenyl-d14	12.980	244	1642917	89.614	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	93647	20.168	ng	# 76
25) Isophorone	7.428	82	678359	53.232	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	27777	8.891	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	27777	6.802	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	20098	4.532	ng	# 1

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

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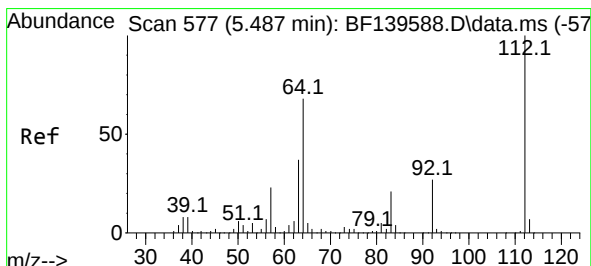
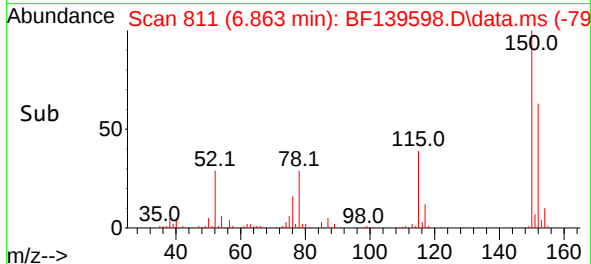
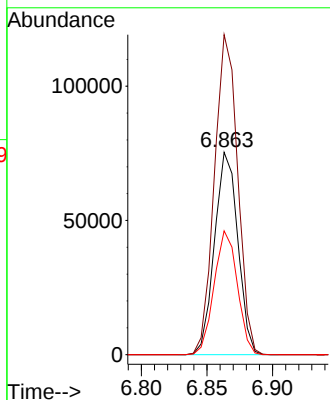
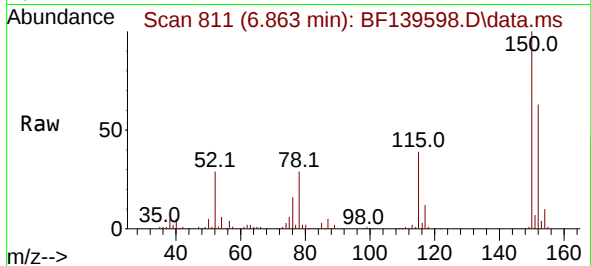




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

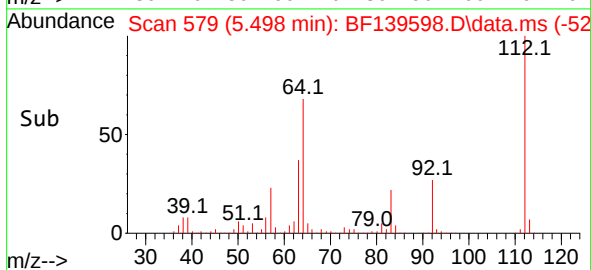
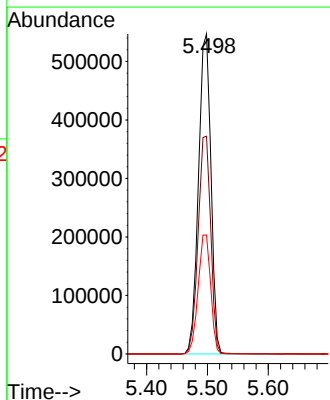
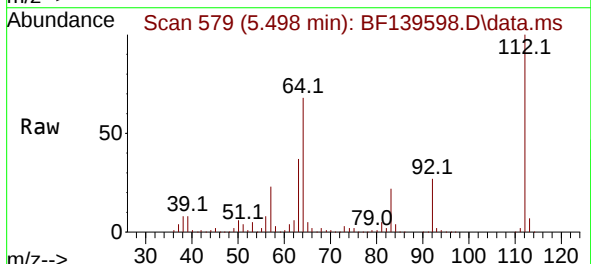
Instrument :
BNA_F
ClientSampleId :
PB163811BL

Tgt Ion:152 Resp: 93088
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 144.076 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

Tgt Ion:112 Resp: 773795
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.4
63 37.1 29.4 44.2

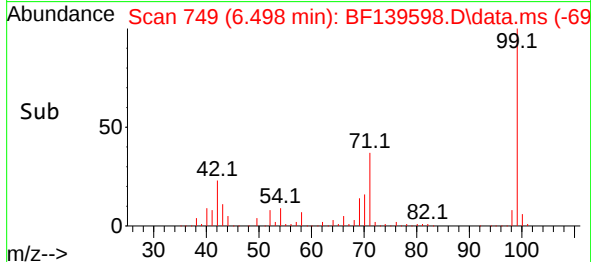
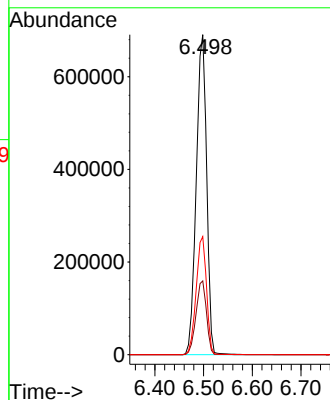
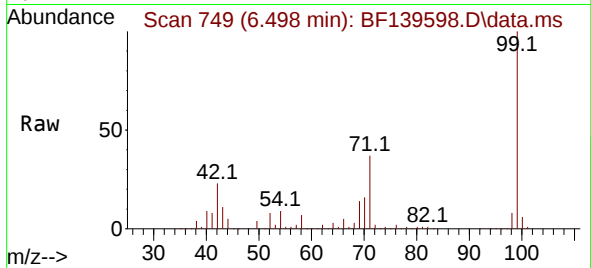




#7
Phenol-d6
Concen: 142.751 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

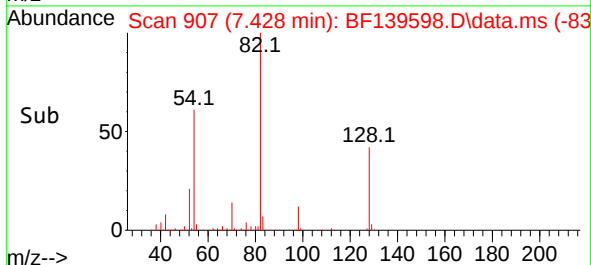
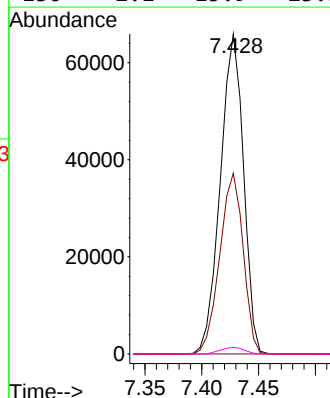
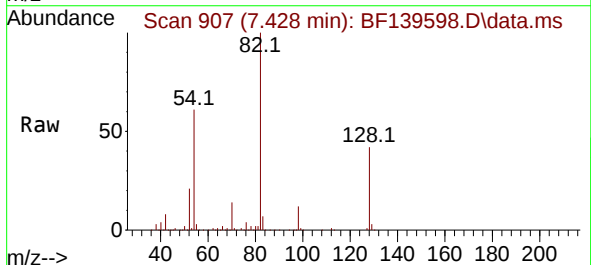
Instrument :
BNA_F
ClientSampleId :
PB163811BL

Tgt Ion: 99 Resp: 1031019
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.9 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.168 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

Tgt Ion: 70 Resp: 93647
Ion Ratio Lower Upper
70 100
42 56.5 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

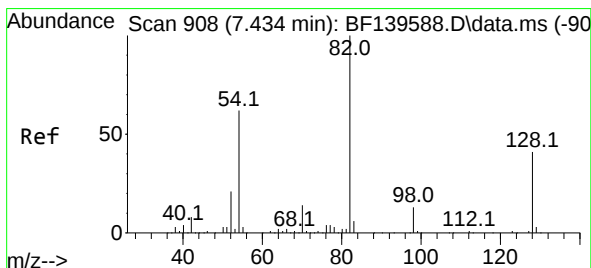
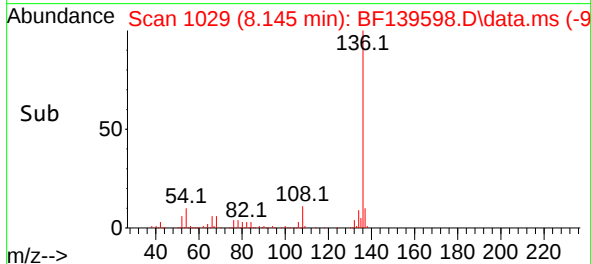
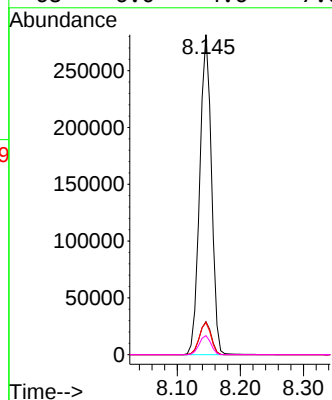
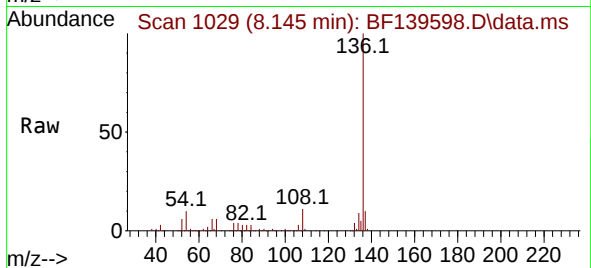
Instrument :

BNA_F

ClientSampleId :

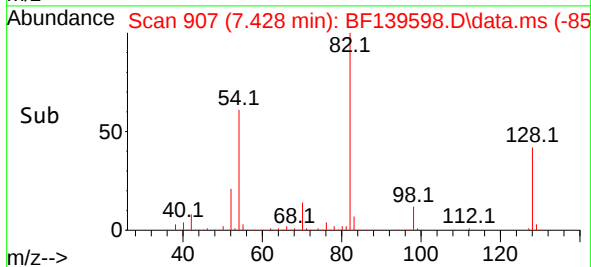
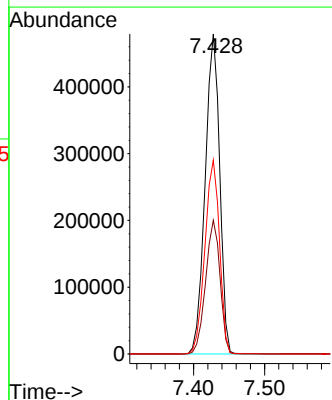
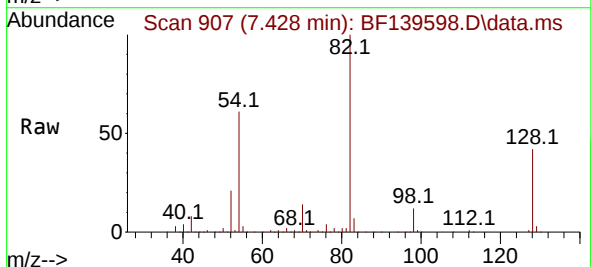
PB163811BL

Tgt Ion:136 Resp: 363268
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.0 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 95.251 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

Tgt Ion: 82 Resp: 683417
Ion Ratio Lower Upper
82 100
128 41.8 32.4 48.6
54 60.6 49.1 73.7

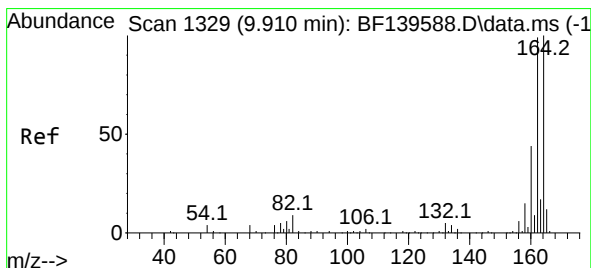
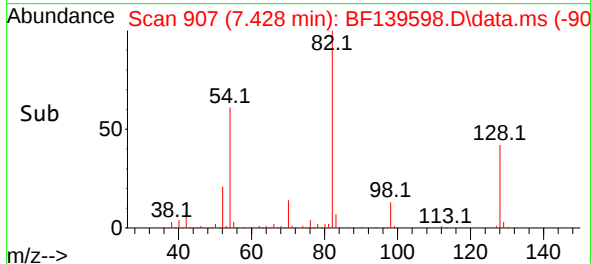
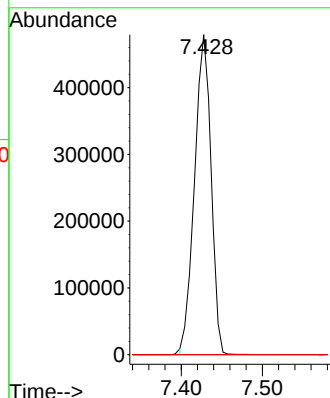
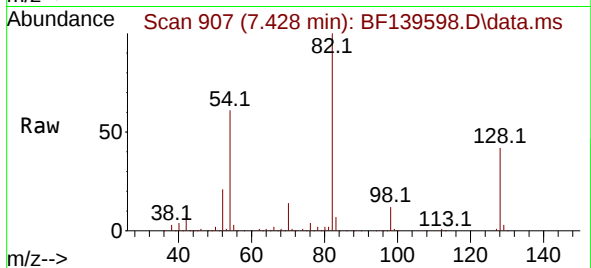




#25
Isophorone
Concen: 53.232 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

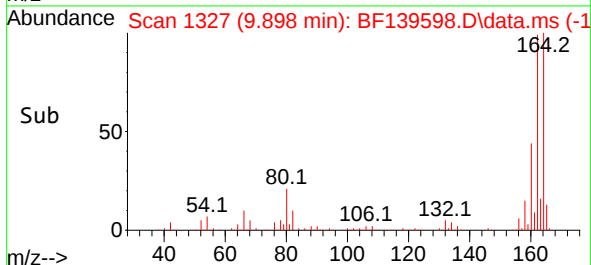
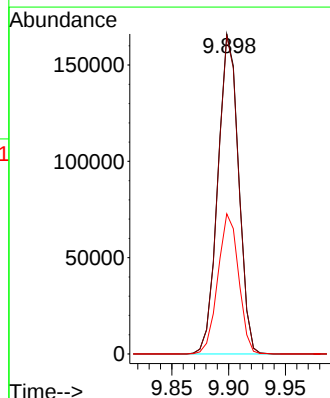
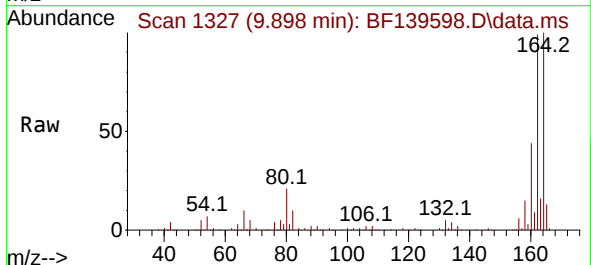
Instrument :
BNA_F
ClientSampleId :
PB163811BL

Tgt Ion: 82 Resp: 678359
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

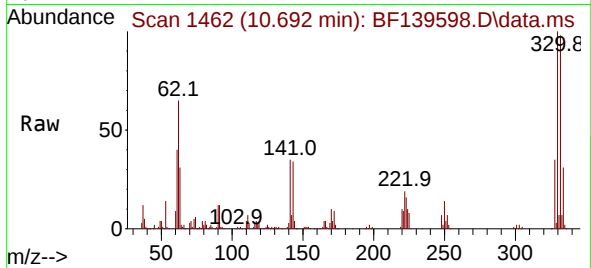
Tgt Ion: 164 Resp: 211278
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.8 35.1 52.7



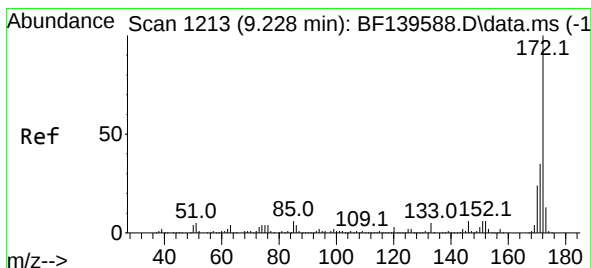
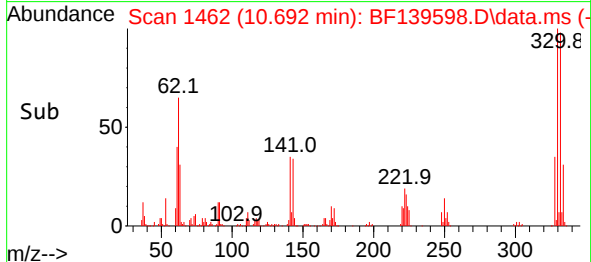
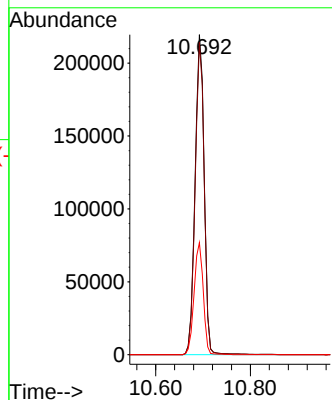


#42
 2,4,6-Tribromophenol
 Concen: 143.562 ng
 RT: 10.692 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF139598.D
 Acq: 02 Oct 2024 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BL

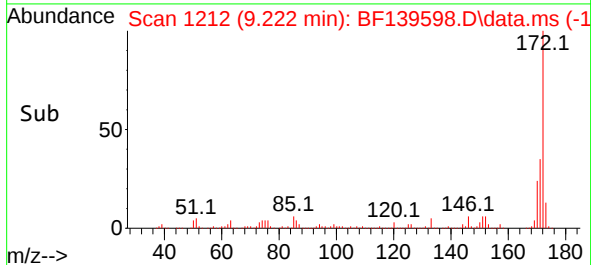
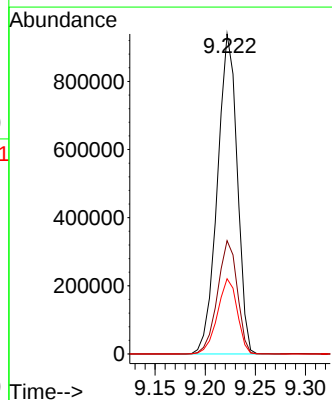
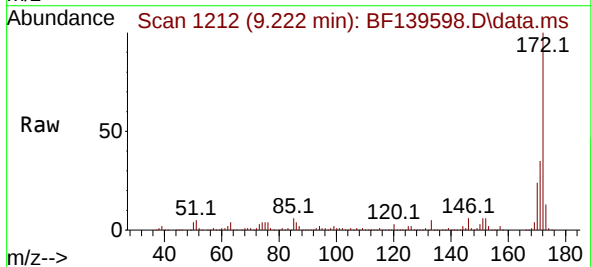


Tgt Ion: 330 Resp: 292801
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.5 114.7
 141 35.2 29.3 43.9



#45
 2-Fluorobiphenyl
 Concen: 93.736 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF139598.D
 Acq: 02 Oct 2024 11:10

Tgt Ion: 172 Resp: 1290034
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.891 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB163811BL

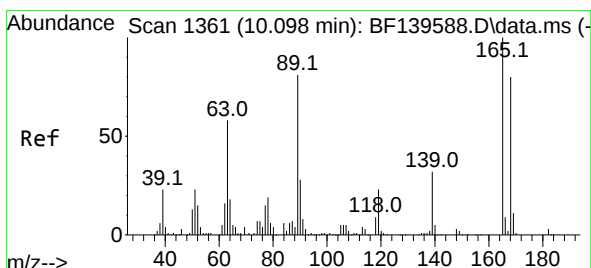
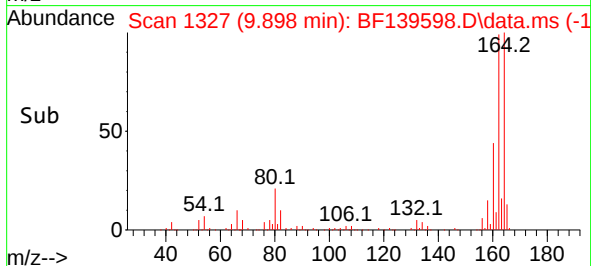
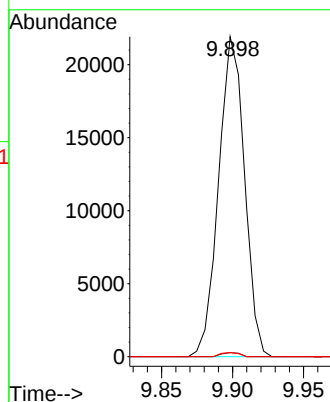
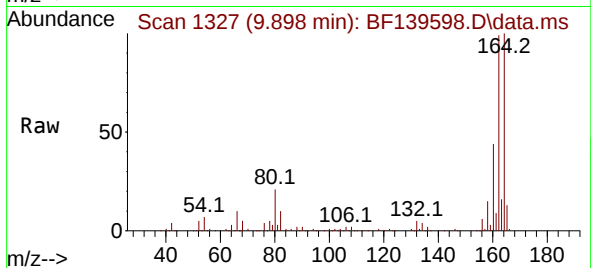
Tgt Ion:165 Resp: 27777

Ion Ratio Lower Upper

165 100

63 1.3 56.7 85.1#

89 1.3 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.802 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Tgt Ion:165 Resp: 27777

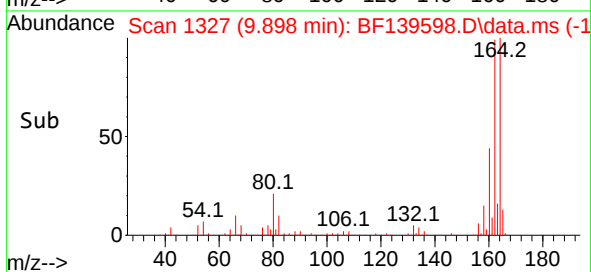
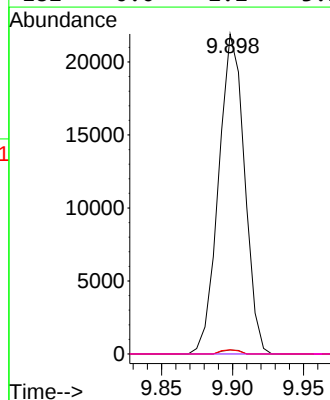
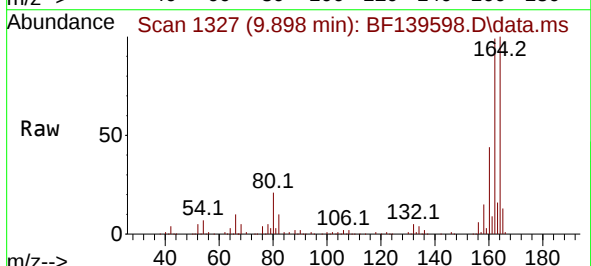
Ion Ratio Lower Upper

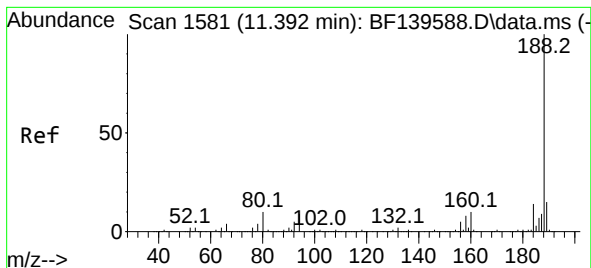
165 100

63 1.3 46.9 70.3#

89 1.3 64.4 96.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

Instrument :

BNA_F

ClientSampleId :

PB163811BL

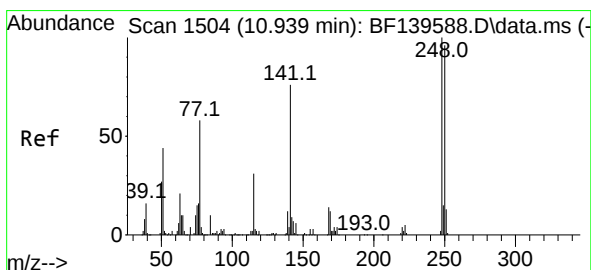
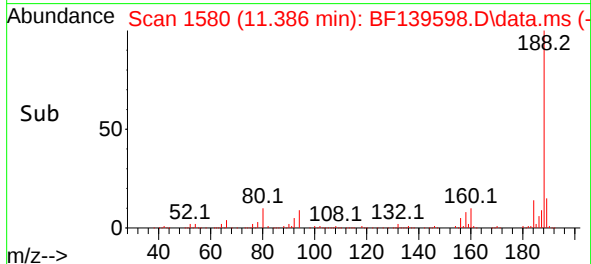
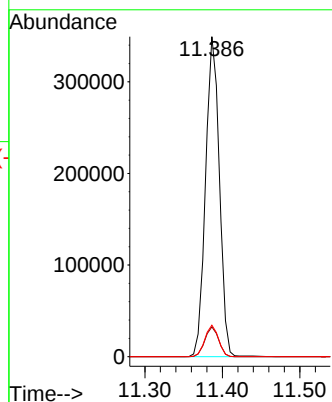
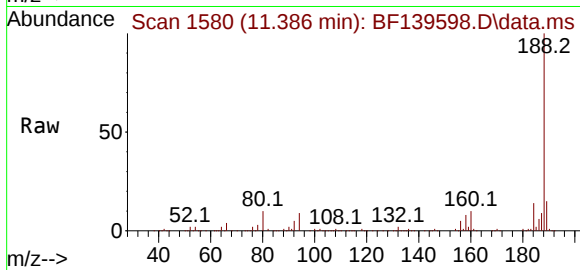
Tgt Ion:188 Resp: 432501

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.8 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.532 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139598.D

Acq: 02 Oct 2024 11:10

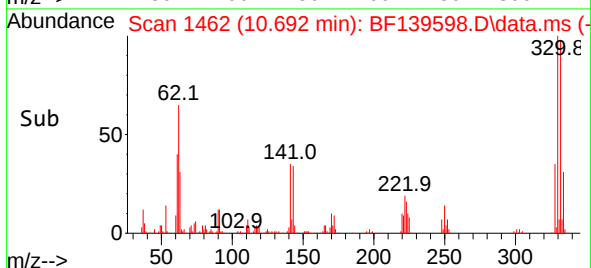
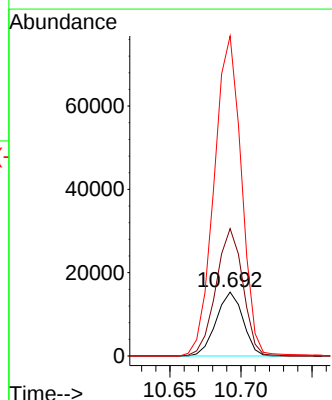
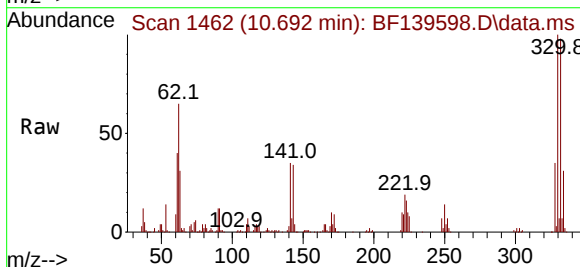
Tgt Ion:248 Resp: 20098

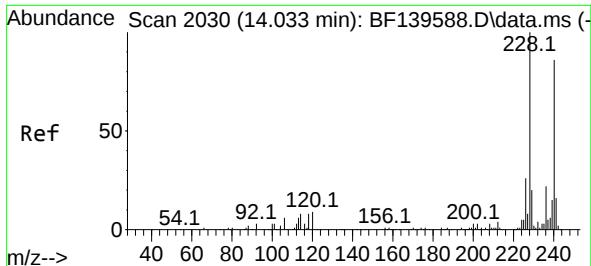
Ion Ratio Lower Upper

248 100

250 199.4 77.1 115.7#

141 500.8 60.4 90.6#

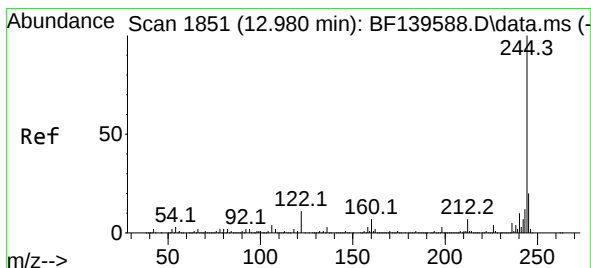
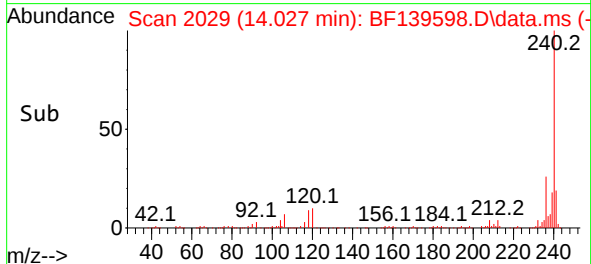
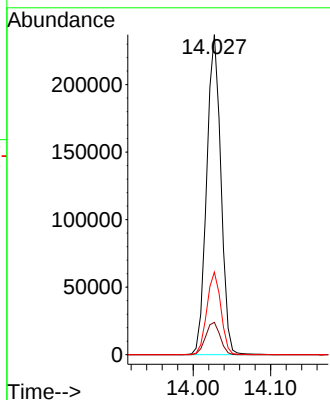
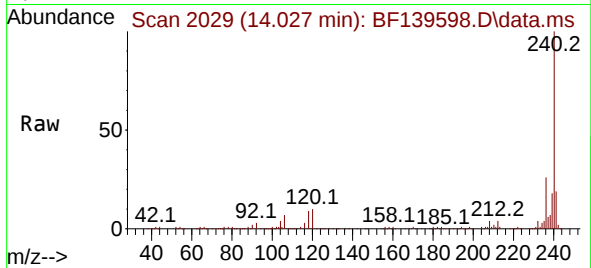




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

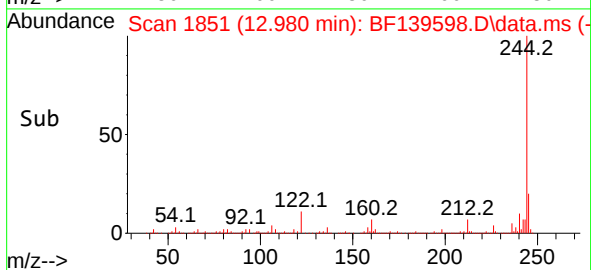
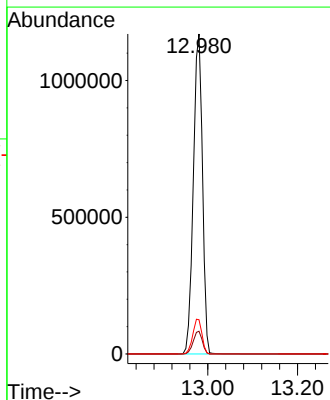
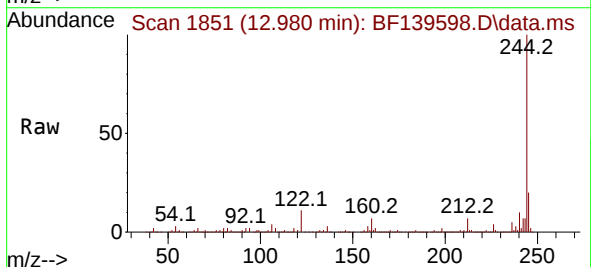
Instrument :
BNA_F
ClientSampleId :
PB163811BL

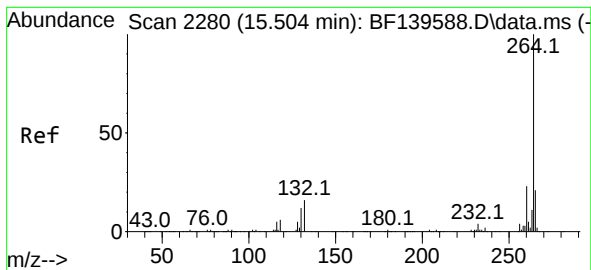
Tgt Ion:240 Resp: 300819
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 89.614 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139598.D
Acq: 02 Oct 2024 11:10

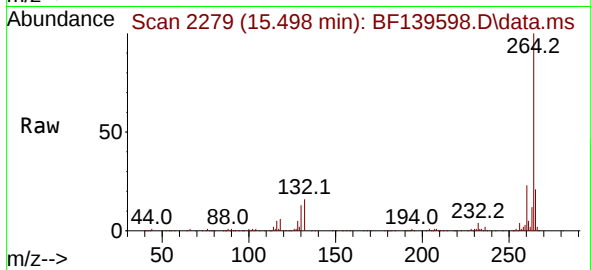
Tgt Ion:244 Resp: 1642917
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139598.D
 Acq: 02 Oct 2024 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BL



Tgt Ion:264 Resp: 234905
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.9 16.9 25.3

