

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138595.D
 Acq On : 19 Jul 2024 18:01
 Operator : RC/JU
 Sample : P3294-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724

Quant Time: Jul 19 18:38:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

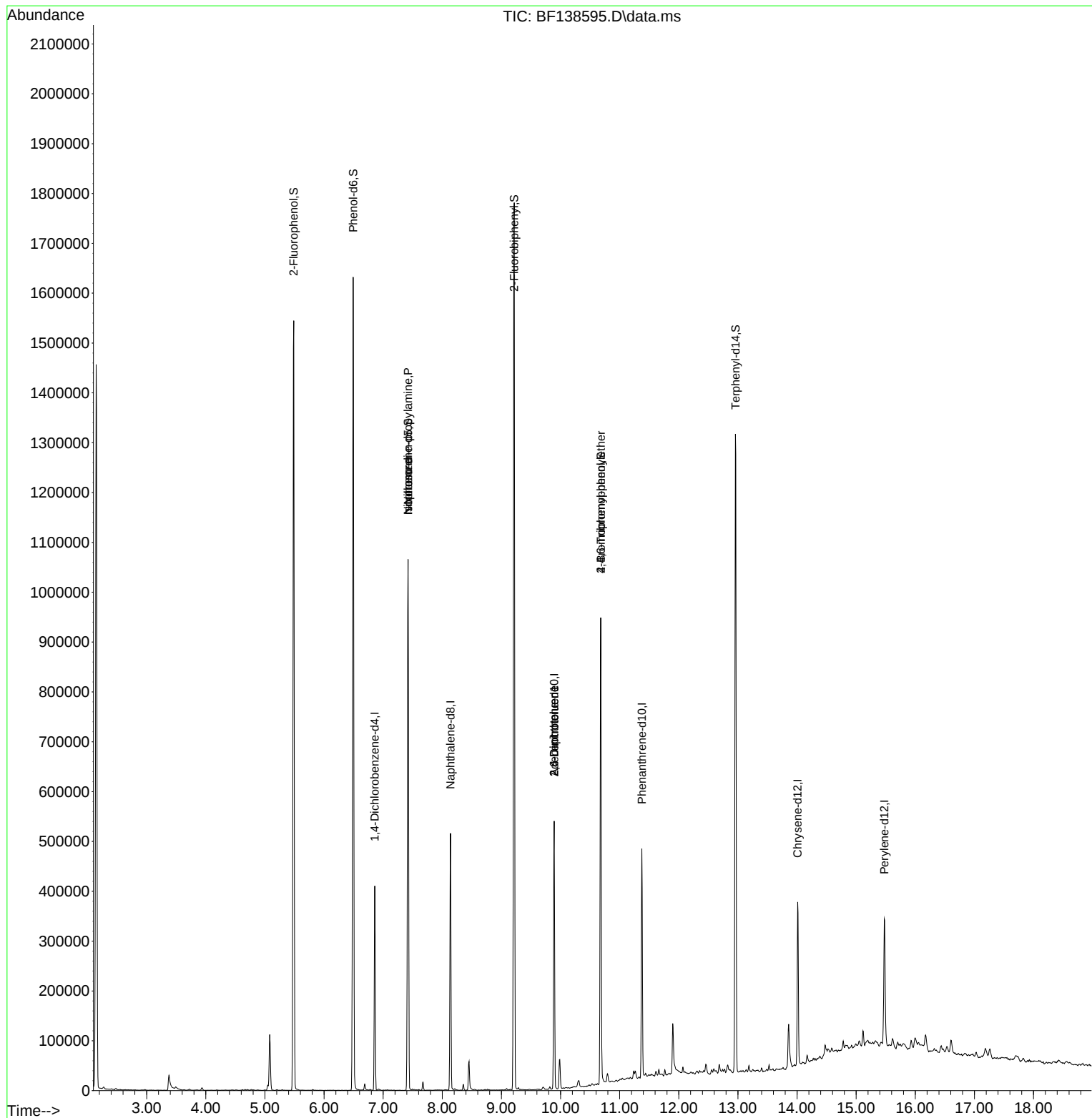
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	75017	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	300113	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	152416	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	224141	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	148002	20.000	ng	-0.02
86) Perylene-d12	15.474	264	145852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	528661	111.611	ng	0.00
7) Phenol-d6	6.493	99	728162	115.560	ng	-0.01
23) Nitrobenzene-d5	7.422	82	462847	75.721	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	142536	100.062	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	764391	78.382	ng	-0.01
79) Terphenyl-d14	12.963	244	615204	67.718	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	62790	16.127	ng	# 74
25) Isophorone	7.422	82	461122	43.928	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	19231	8.475	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	19231	6.550	ng	# 19
67) 4-Bromophenyl-phenylether	10.681	248	9099	3.950	ng	# 1

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

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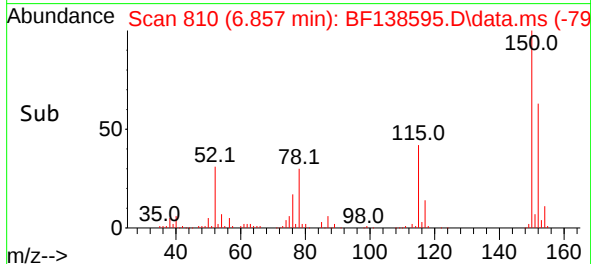
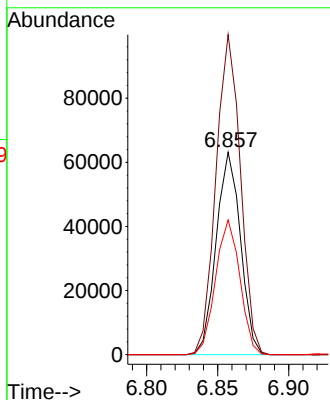
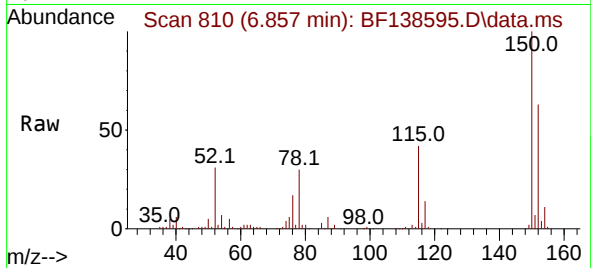




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

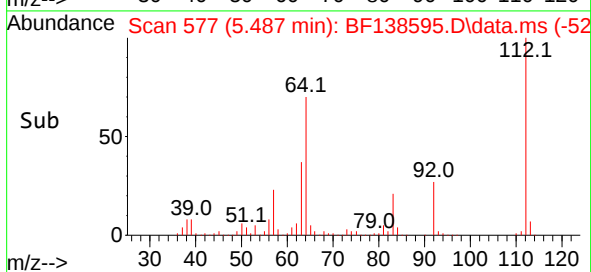
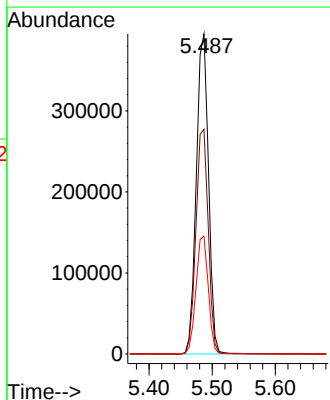
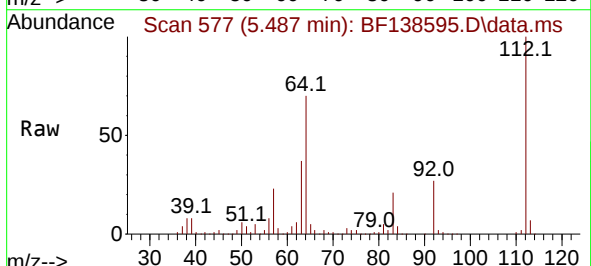
Instrument :
BNA_F
ClientSampleId :
HR-1-071724

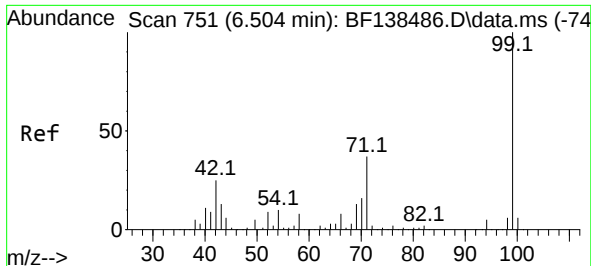
Tgt Ion:152 Resp: 75017
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.4
115 66.6 50.3 75.5



#5
2-Fluorophenol
Concen: 111.611 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

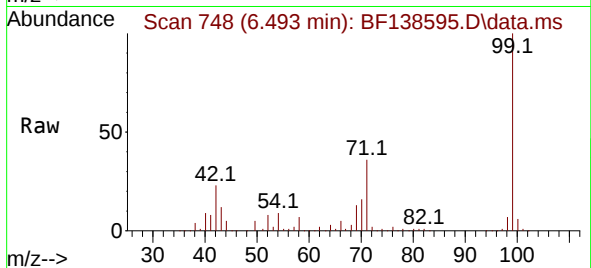
Tgt Ion:112 Resp: 528661
Ion Ratio Lower Upper
112 100
64 70.2 55.1 82.7
63 36.8 29.0 43.6





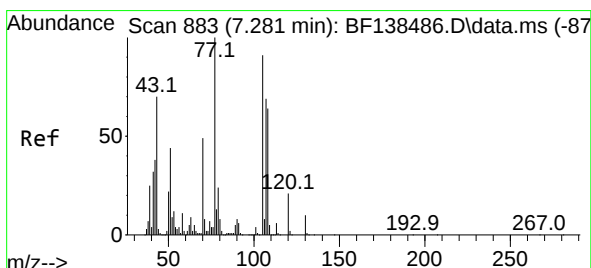
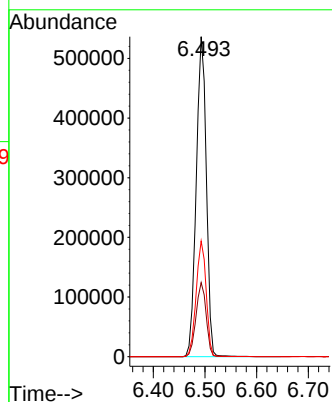
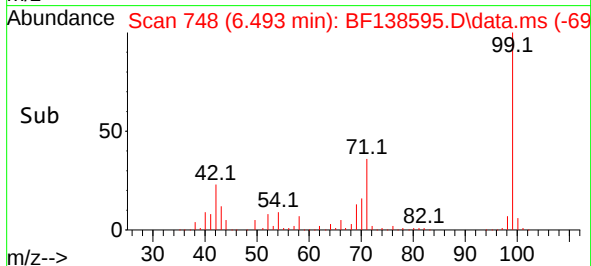
#7
Phenol-d6
Concen: 115.560 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Instrument :
BNA_F
ClientSampleId :
HR-1-071724

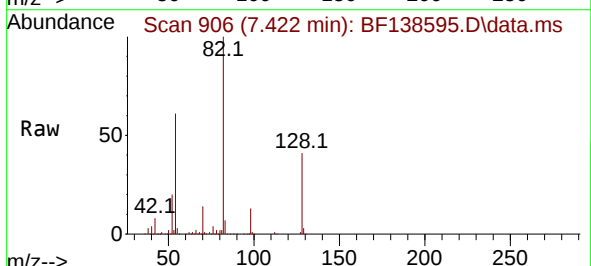


Tgt Ion: 99 Resp: 728162

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.7	29.5
71	36.1	29.9	44.9

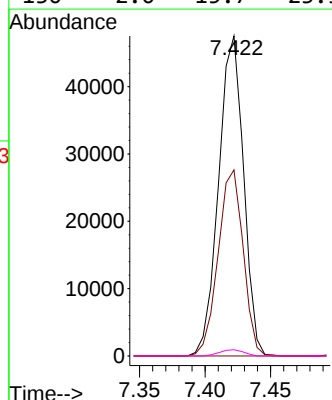
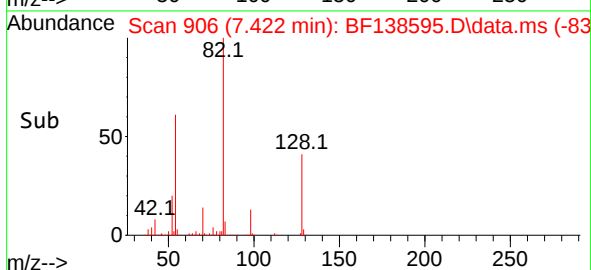


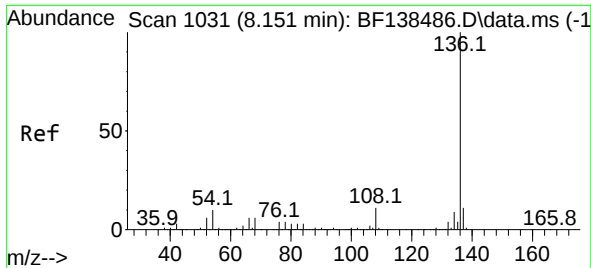
#19
n-Nitroso-di-n-propylamine
Concen: 16.127 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01



Tgt Ion: 70 Resp: 62790

Ion	Ratio	Lower	Upper
70	100		
42	58.1	62.4	93.6#
101	0.0	7.2	10.8#
130	2.0	15.7	23.5#

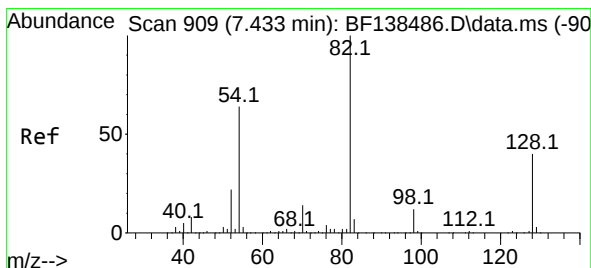
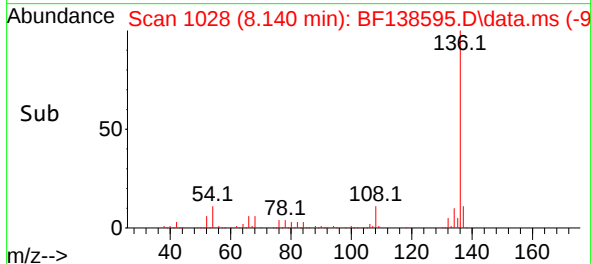
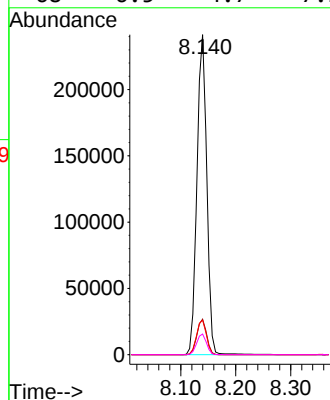
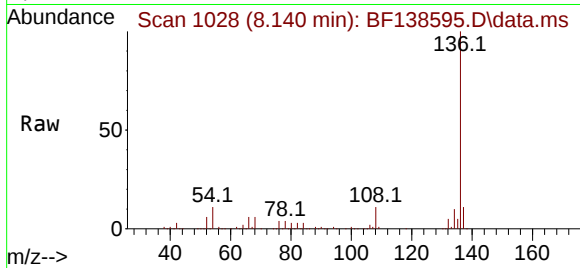




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

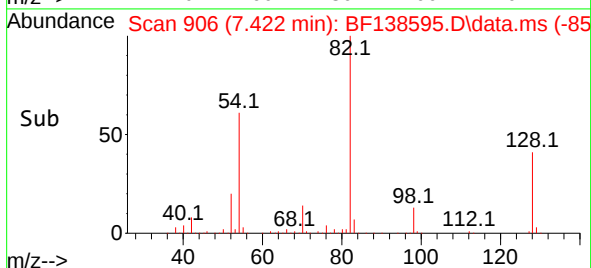
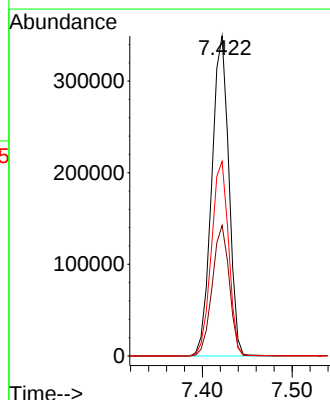
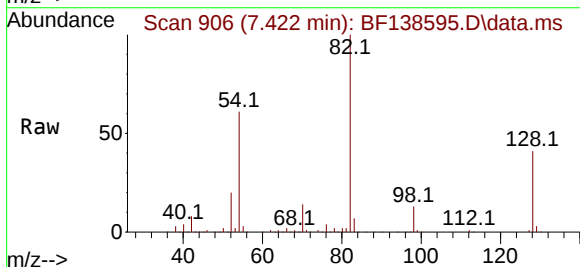
Instrument :
BNA_F
ClientSampleId :
HR-1-071724

Tgt Ion:136 Resp: 300113
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 8.1 12.1
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 75.721 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Tgt Ion: 82 Resp: 462847
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 60.8 51.4 77.0

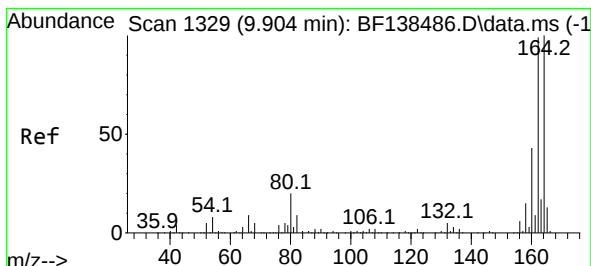
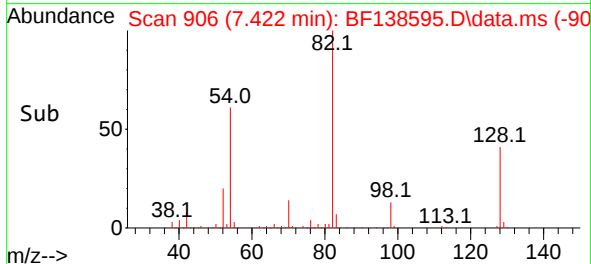
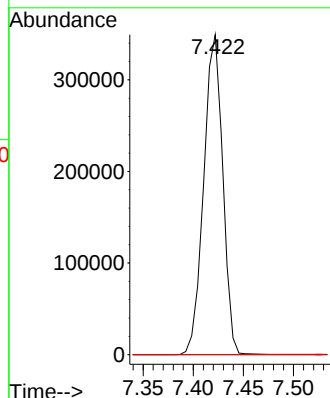
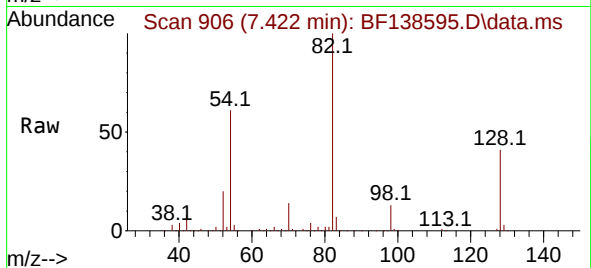




#25
Isophorone
Concen: 43.928 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

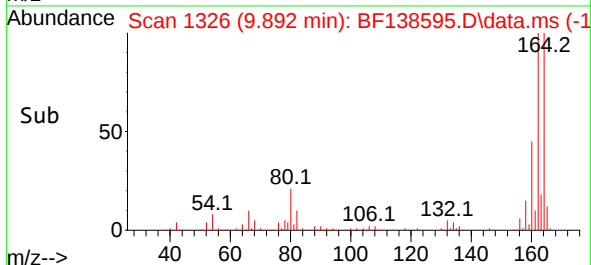
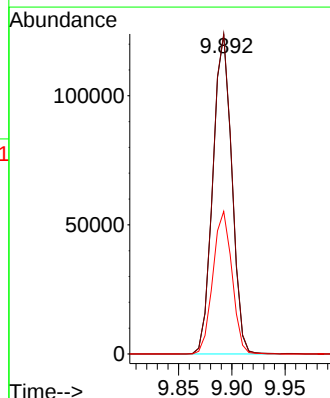
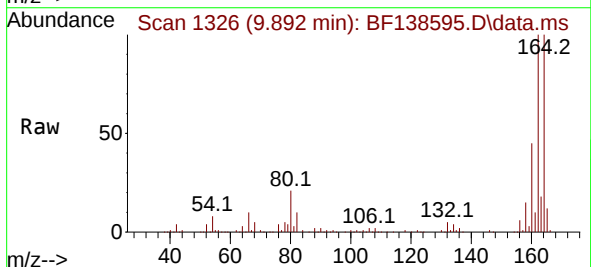
Instrument :
BNA_F
ClientSampleId :
HR-1-071724

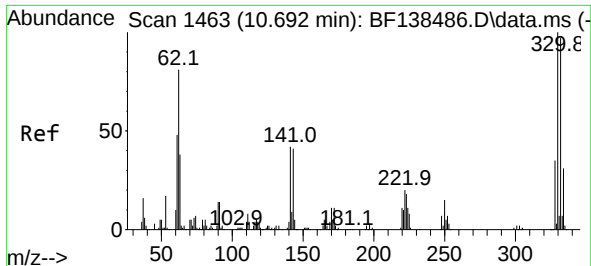
Tgt Ion: 82 Resp: 461122
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Tgt Ion: 164 Resp: 152416
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 100.062 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.011 min

Lab File: BF138595.D

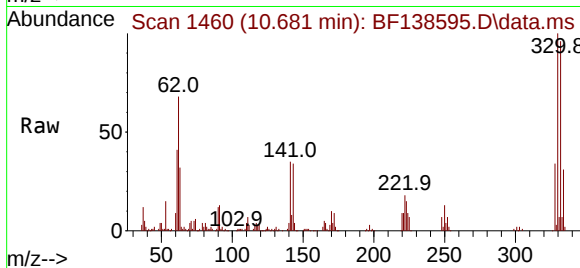
Acq: 19 Jul 2024 18:01

Instrument :

BNA_F

ClientSampleId :

HR-1-071724



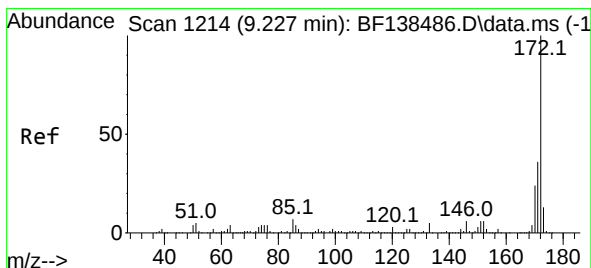
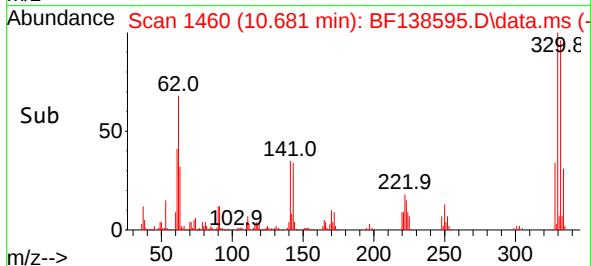
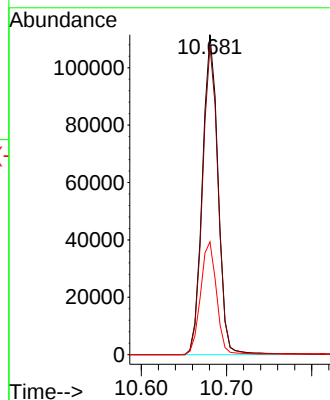
Tgt Ion:330 Resp: 142536

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 36.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 78.382 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

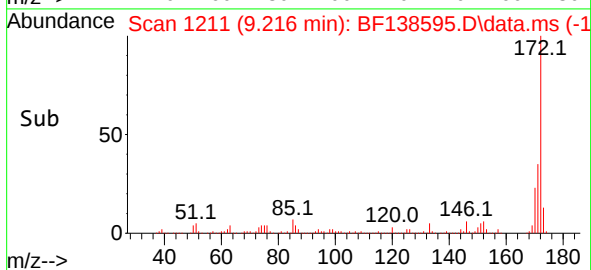
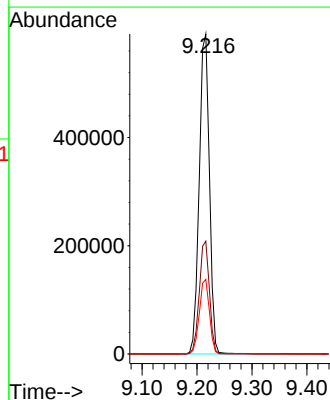
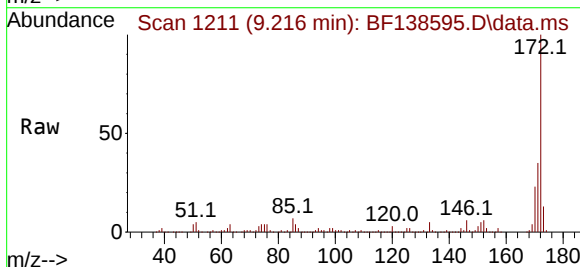
Tgt Ion:172 Resp: 764391

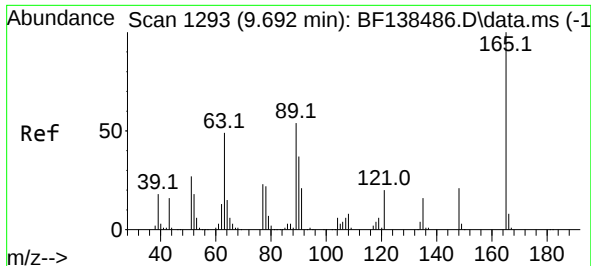
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.475 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

Instrument :

BNA_F

ClientSampleId :

HR-1-071724

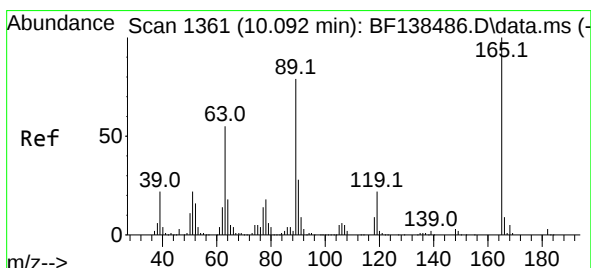
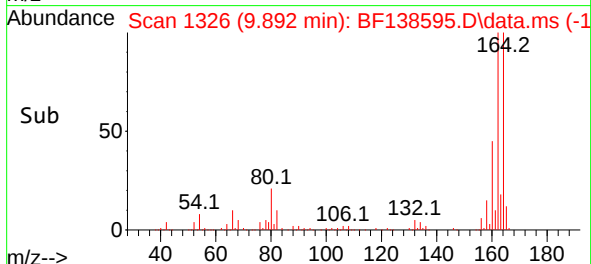
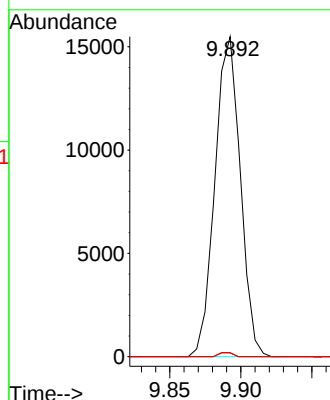
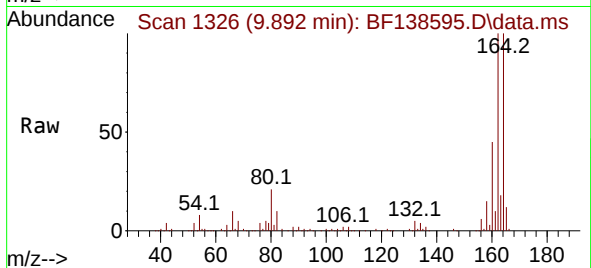
Tgt Ion:165 Resp: 19231

Ion Ratio Lower Upper

165 100

63 1.2 48.1 72.1#

89 1.2 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.550 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.200 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

Tgt Ion:165 Resp: 19231

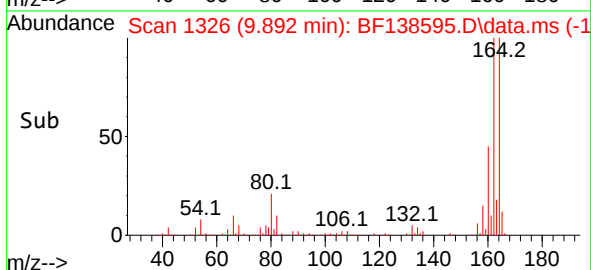
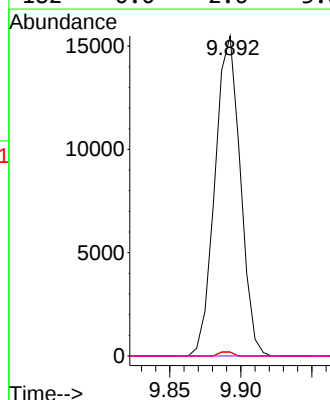
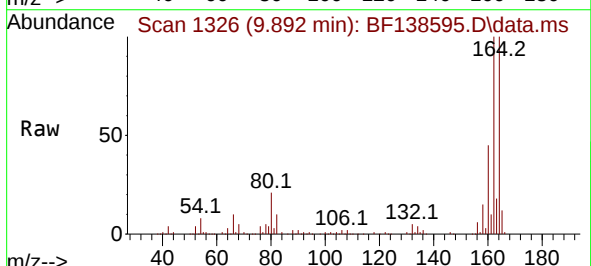
Ion Ratio Lower Upper

165 100

63 1.2 44.6 66.8#

89 1.2 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

Instrument :

BNA_F

ClientSampleId :

HR-1-071724

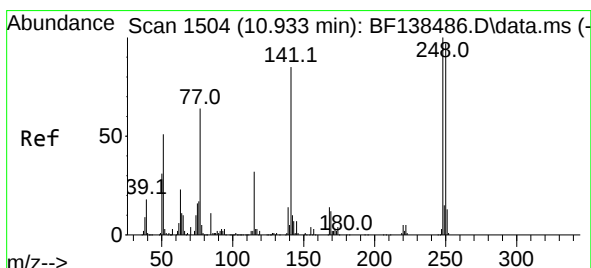
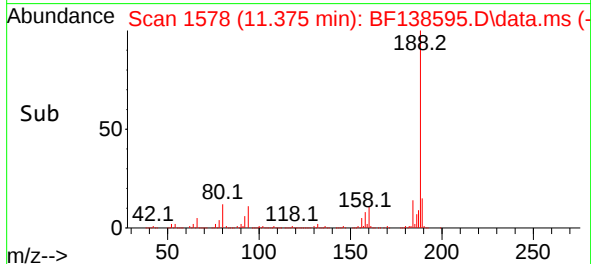
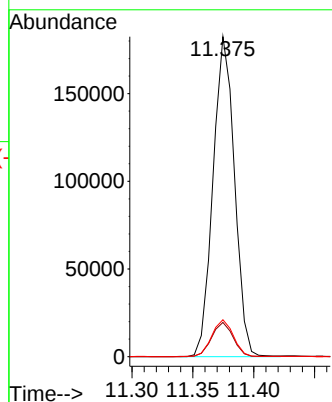
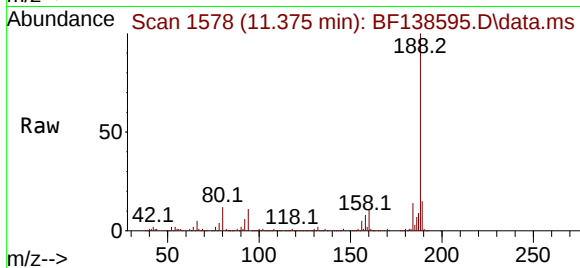
Tgt Ion:188 Resp: 224141

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

80 11.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.950 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

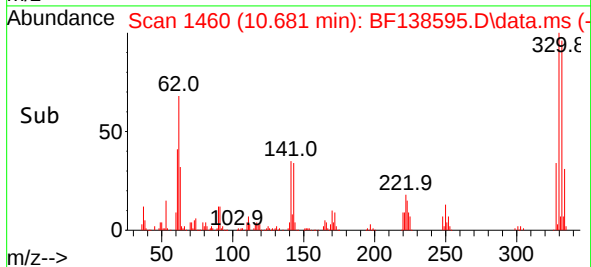
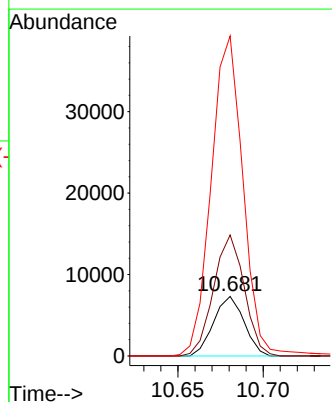
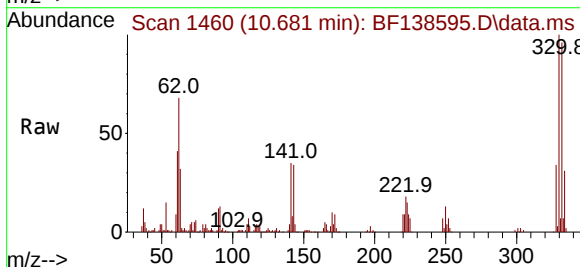
Tgt Ion:248 Resp: 9099

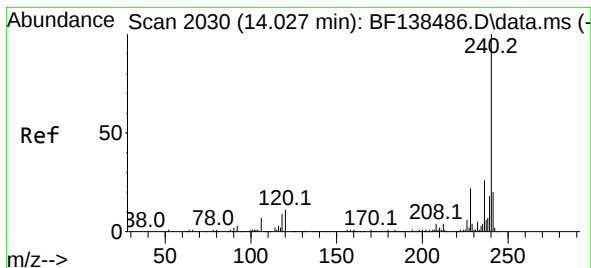
Ion Ratio Lower Upper

248 100

250 203.1 77.9 116.9#

141 537.6 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

Instrument :

BNA_F

ClientSampleId :

HR-1-071724

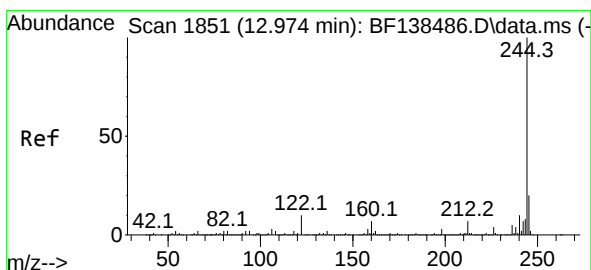
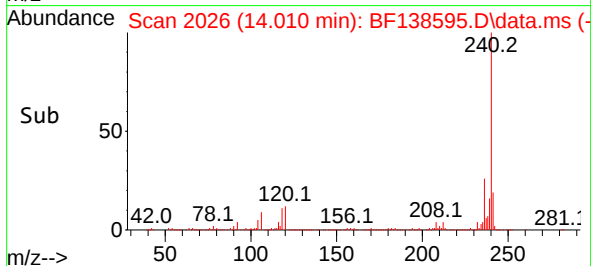
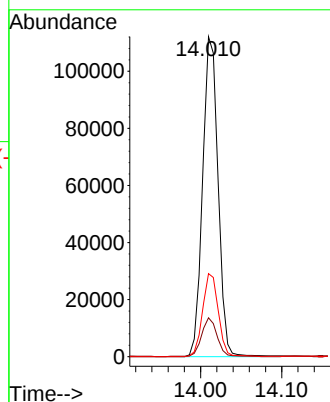
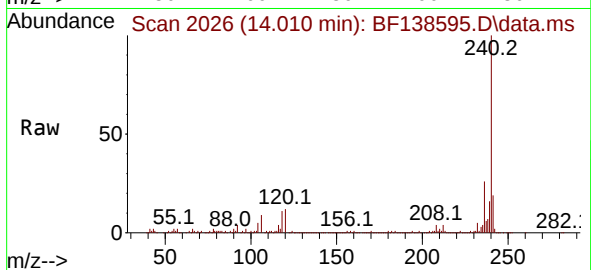
Tgt Ion:240 Resp: 148002

Ion Ratio Lower Upper

240 100

120 12.2 8.6 12.8

236 25.9 21.0 31.6



#79

Terphenyl-d14

Concen: 67.718 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

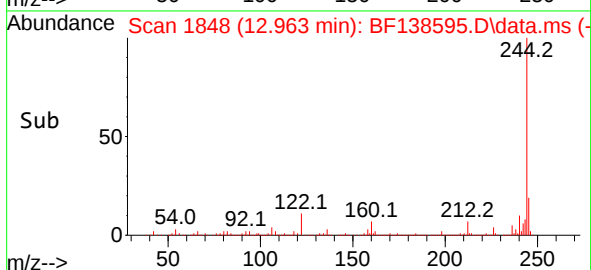
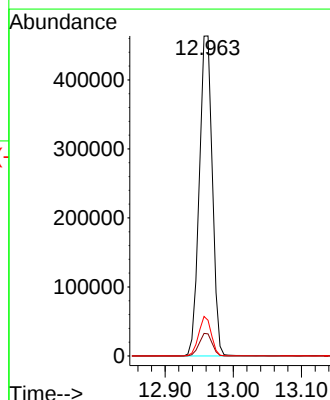
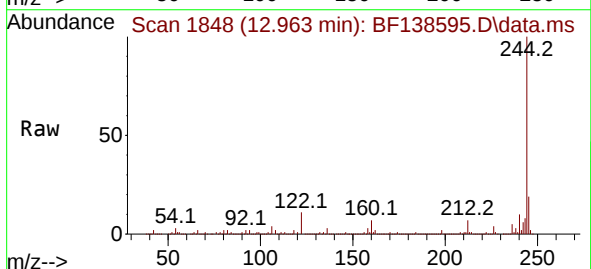
Tgt Ion:244 Resp: 615204

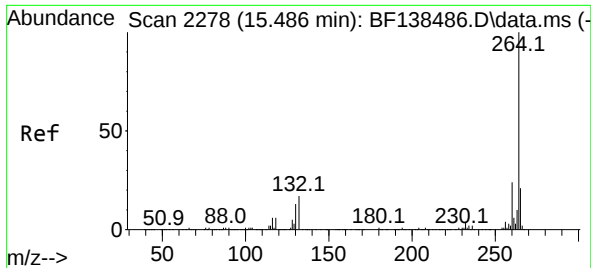
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138595.D
 Acq: 19 Jul 2024 18:01

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724

Tgt Ion:264 Resp: 145852
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 17.0 25.4

