

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139326.D
 Acq On : 11 Sep 2024 15:29
 Operator : RC/JU
 Sample : P3905-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 11 15:52:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

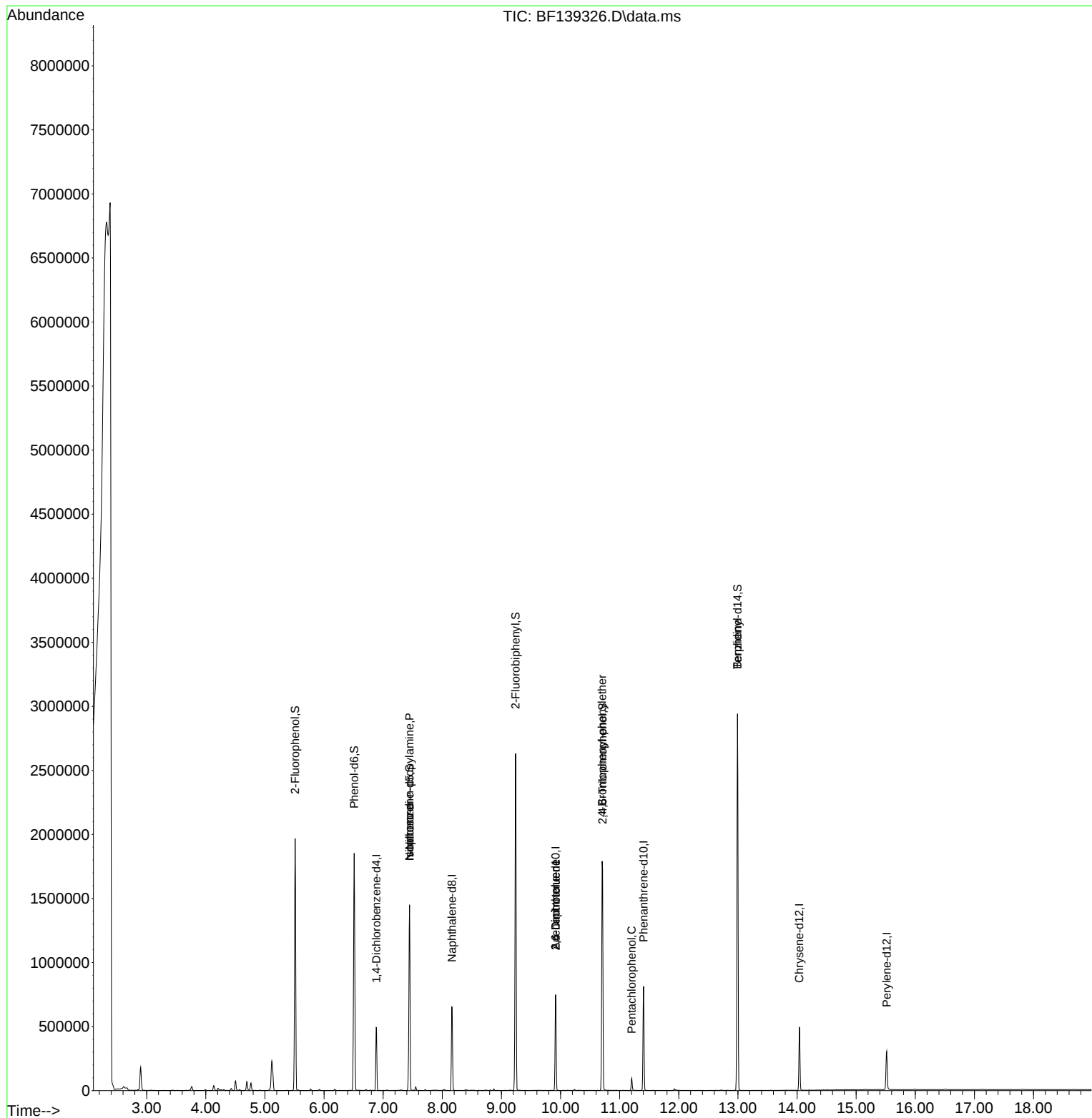
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100012	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	379305	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	213496	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	420288	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	225192	20.000	ng	-0.01
86) Perylene-d12	15.515	264	177983	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	669159	111.928	ng	0.00
7) Phenol-d6	6.510	99	825860	103.476	ng	0.00
23) Nitrobenzene-d5	7.445	82	623700	85.542	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	285640	154.938	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1141424	82.528	ng	-0.01
79) Terphenyl-d14	12.992	244	1443654	103.507	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	85121	18.518	ng	# 74
25) Isophorone	7.445	82	621933	49.893	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	27446	9.349	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	27446	7.346	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	19645	4.818	ng	# 1
70) Pentachlorophenol	11.204	266	15494	5.746	ng	96
77) Benzidine	12.992	184	20143	4.442	ng	# 91

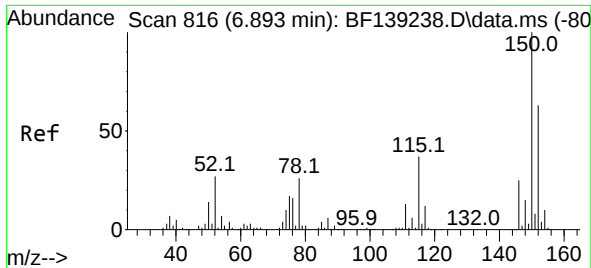
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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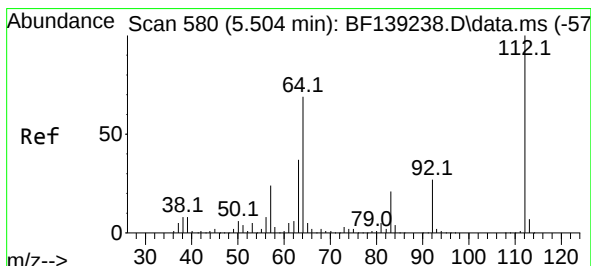
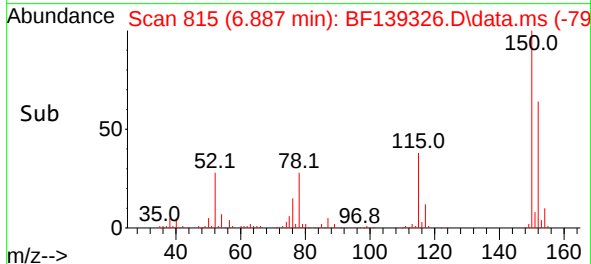
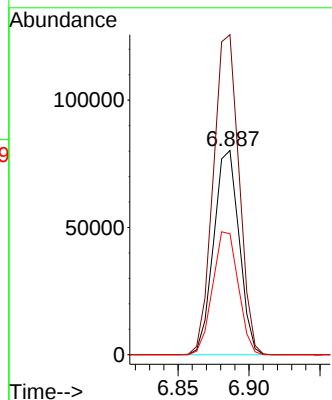
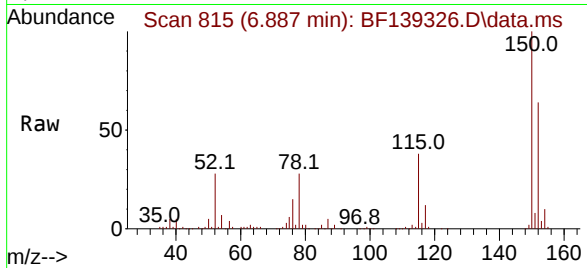




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

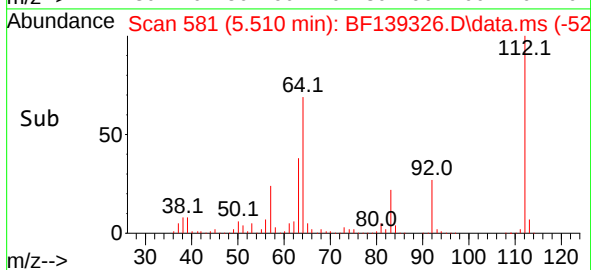
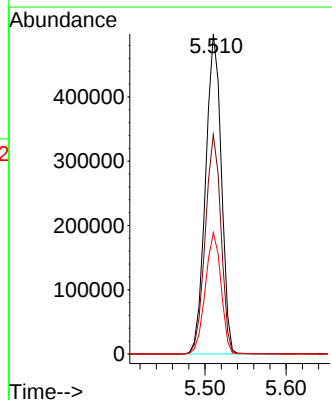
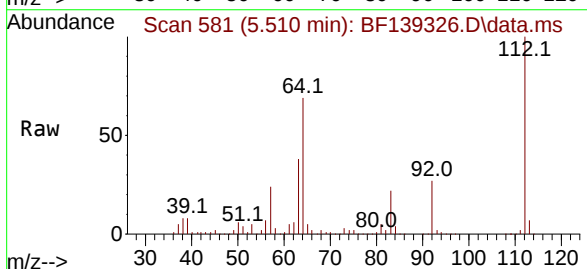
Instrument :
BNA_F
ClientSampleId :
COMP-1

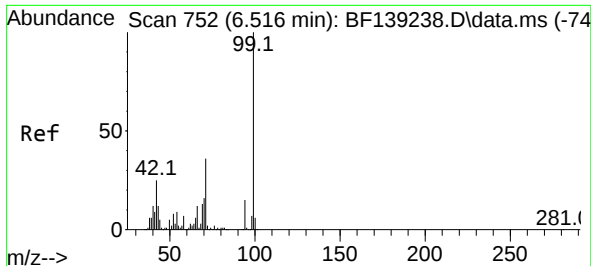
Tgt Ion:152 Resp: 100012
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.4
115 59.2 46.9 70.3



#5
2-Fluorophenol
Concen: 111.928 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

Tgt Ion:112 Resp: 669159
Ion Ratio Lower Upper
112 100
64 68.5 55.0 82.4
63 37.9 29.9 44.9

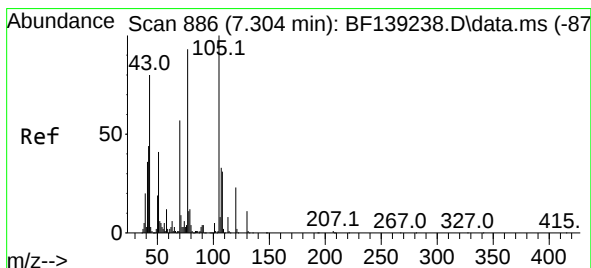
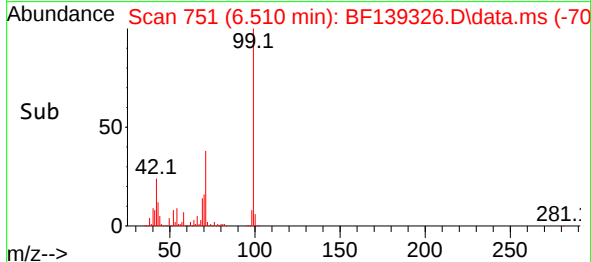
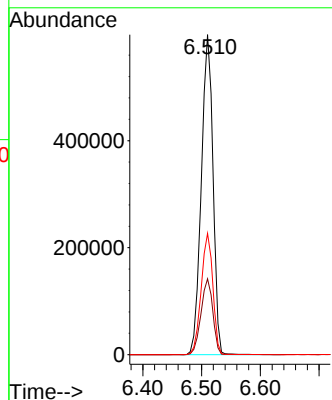
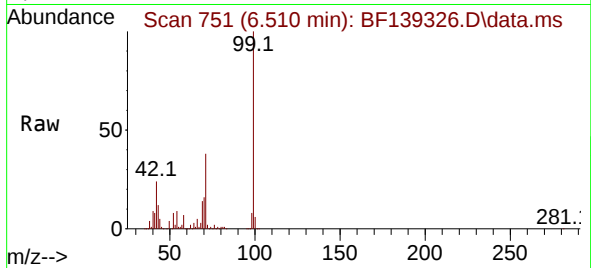




#7
Phenol-d6
Concen: 103.476 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

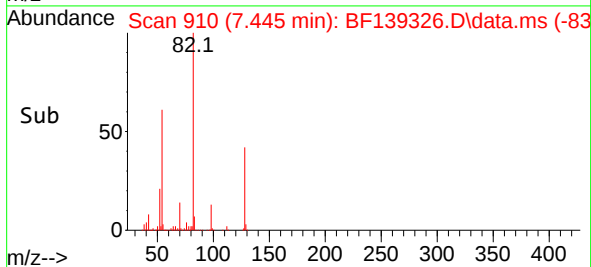
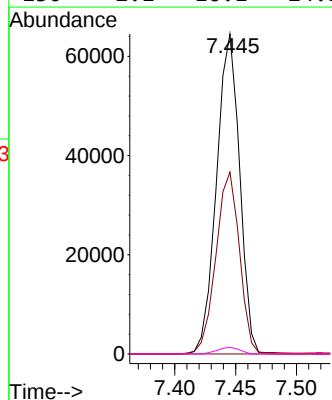
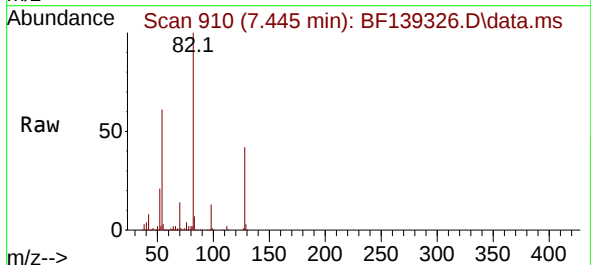
Instrument :
BNA_F
ClientSampleId :
COMP-1

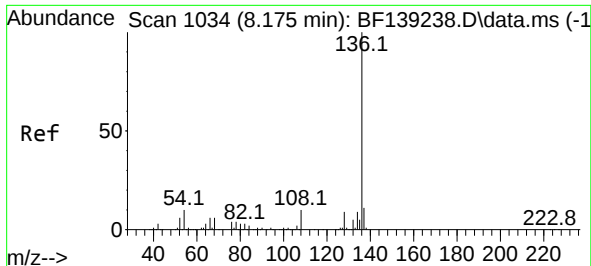
Tgt Ion: 99 Resp: 825860
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 37.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.518 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

Tgt Ion: 70 Resp: 85121
Ion Ratio Lower Upper
70 100
42 56.8 61.0 91.6#
101 0.0 7.2 10.8#
130 2.1 16.1 24.1#

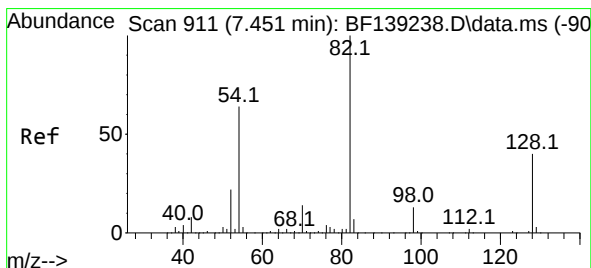
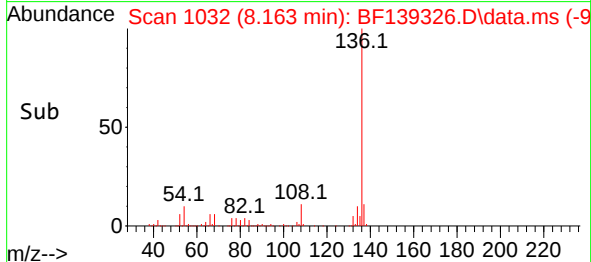
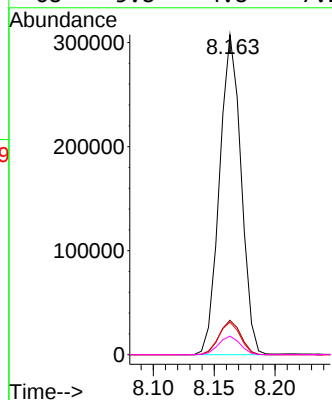
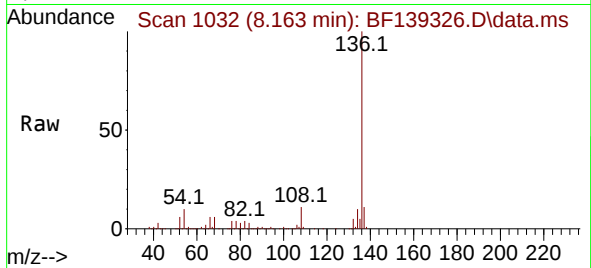




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

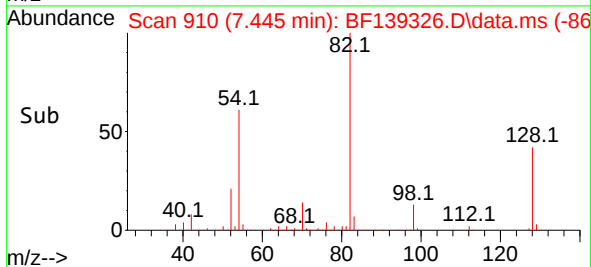
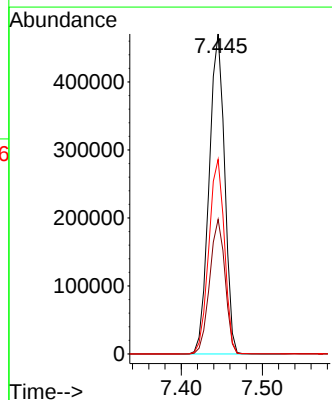
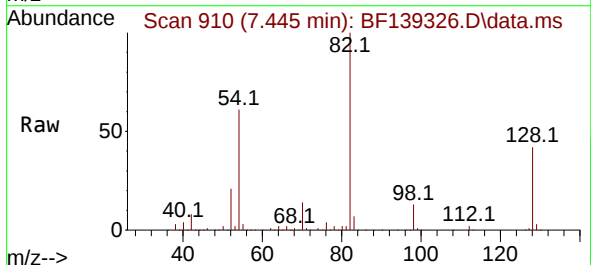
Instrument :
BNA_F
ClientSampleId :
COMP-1

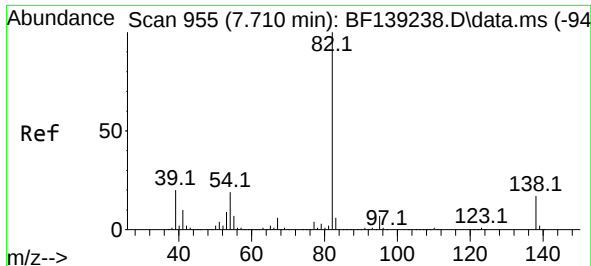
Tgt Ion	136	Resp:	379305
	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.2	8.4	12.6
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 85.542 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

Tgt Ion: 82	Resp: 623700
Ion Ratio	Lower Upper
82 100	
128 42.1	32.3 48.5
54 60.8	51.2 76.8

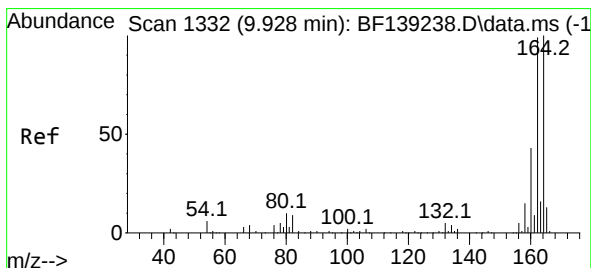
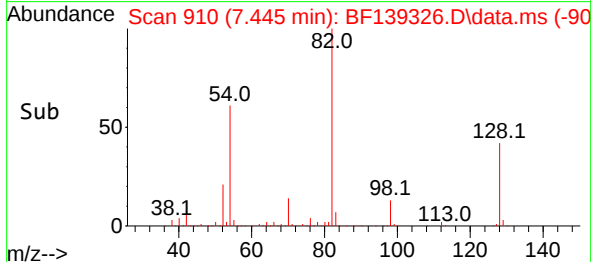
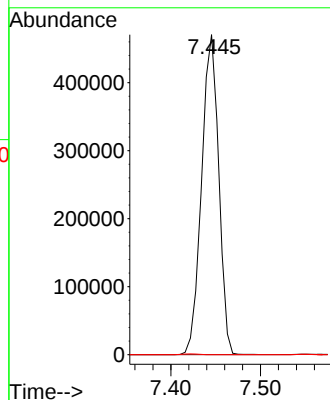
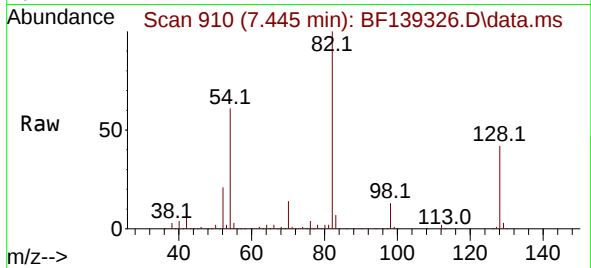




#25
Isophorone
Concen: 49.893 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

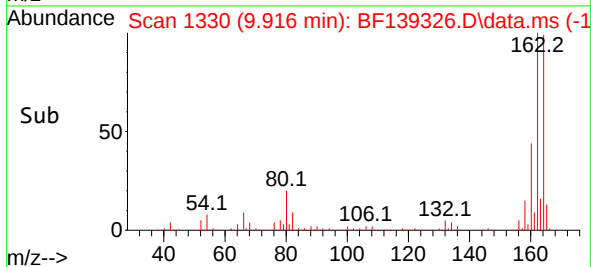
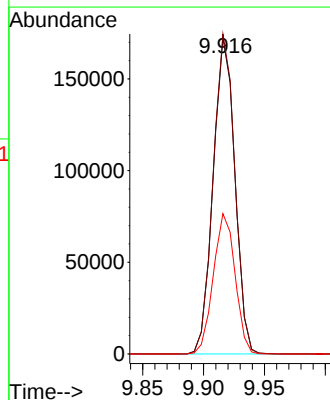
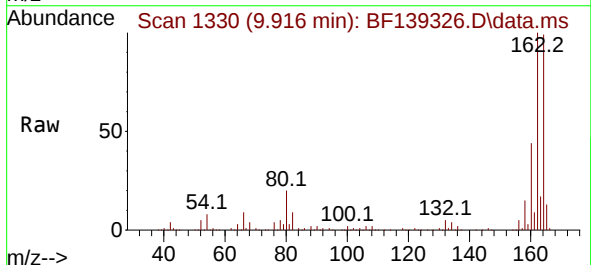
Instrument :
BNA_F
ClientSampleId :
COMP-1

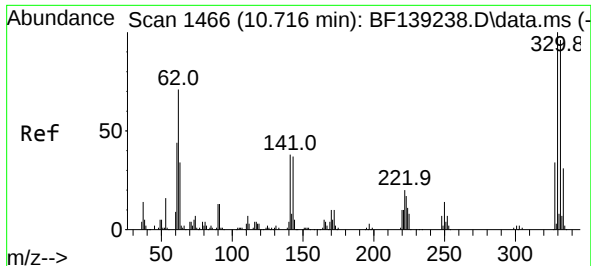
Tgt Ion: 82 Resp: 621933
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139326.D
Acq: 11 Sep 2024 15:29

Tgt Ion:164 Resp: 213496
Ion Ratio Lower Upper
164 100
162 101.2 79.2 118.8
160 44.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 154.938 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139326.D

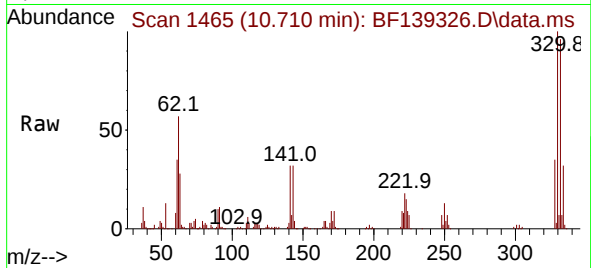
Acq: 11 Sep 2024 15:29

Instrument :

BNA_F

ClientSampleId :

COMP-1



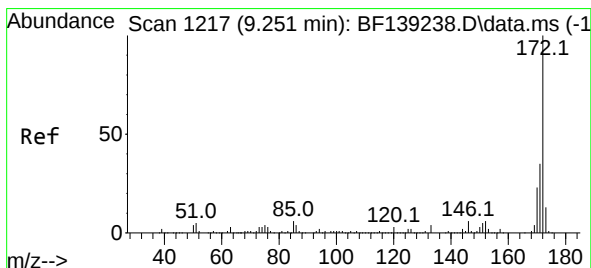
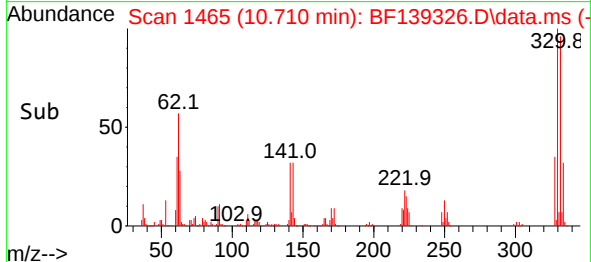
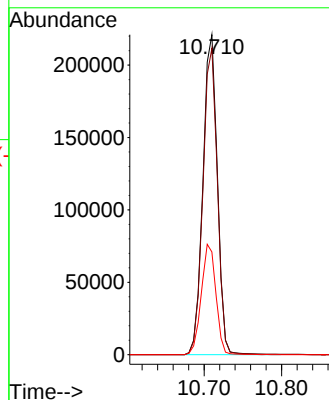
Tgt Ion:330 Resp: 285640

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.528 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

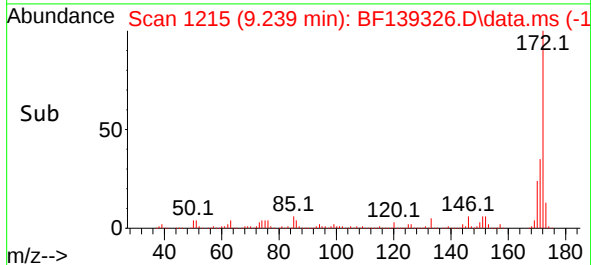
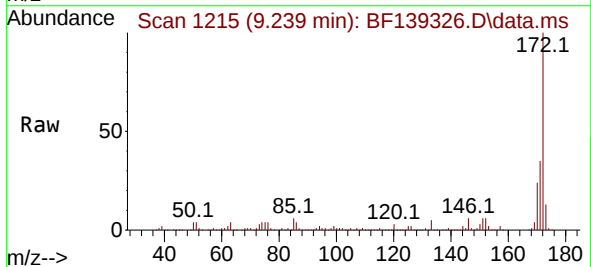
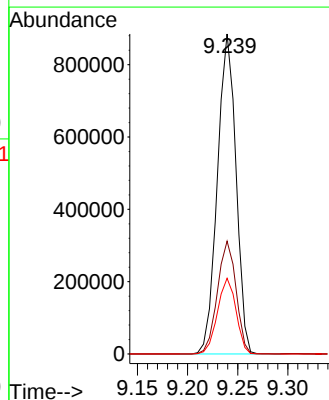
Tgt Ion:172 Resp: 1141424

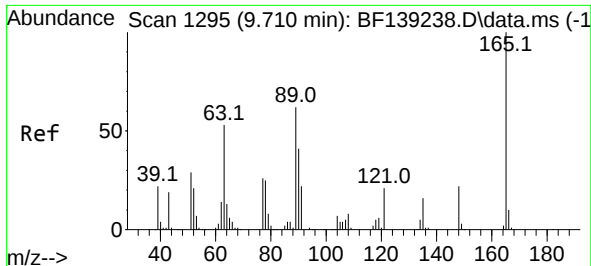
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.349 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

Instrument :

BNA_F

ClientSampleId :

COMP-1

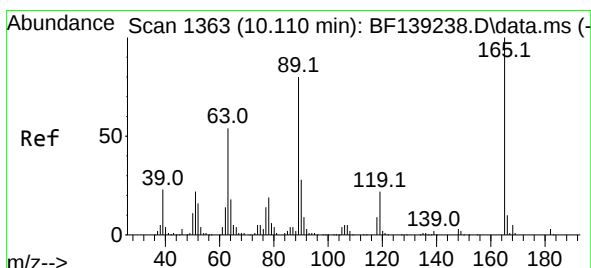
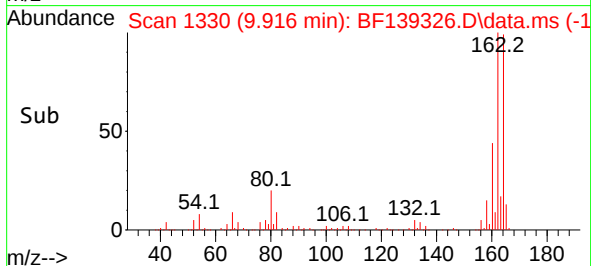
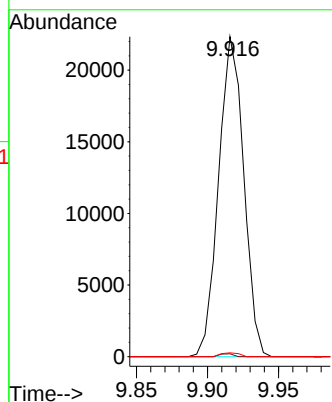
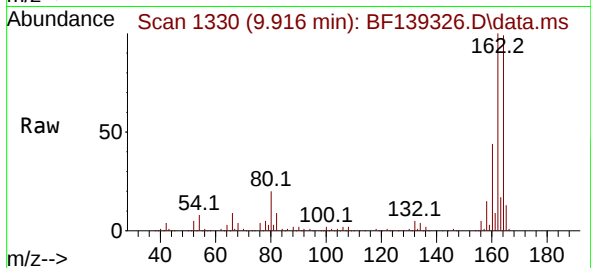
Tgt Ion:165 Resp: 27446

Ion Ratio Lower Upper

165 100

63 0.9 56.1 84.1#

89 1.2 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.346 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

Tgt Ion:165 Resp: 27446

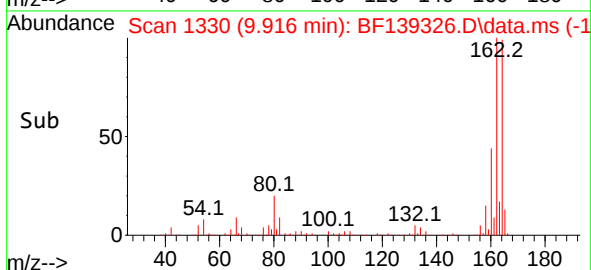
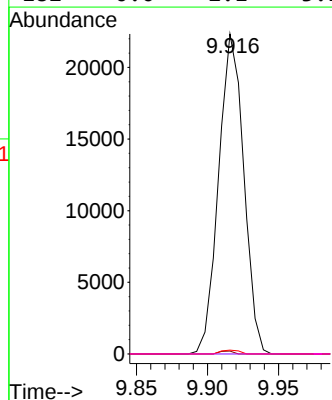
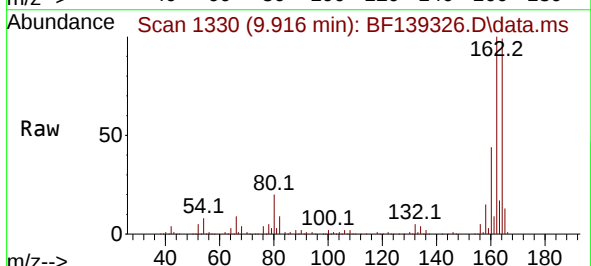
Ion Ratio Lower Upper

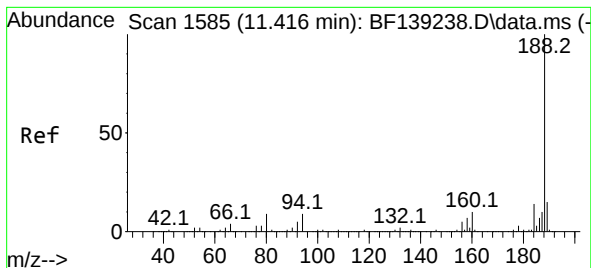
165 100

63 0.9 43.4 65.0#

89 1.2 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

Instrument :

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ClientSampleId :

COMP-1

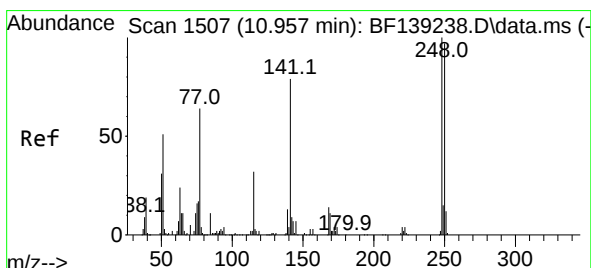
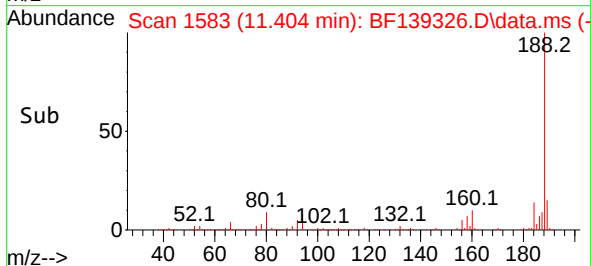
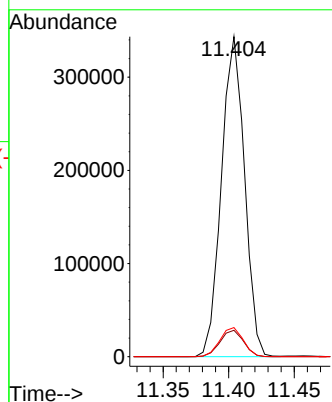
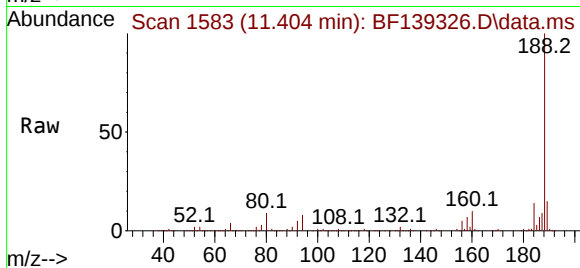
Tgt Ion:188 Resp: 420288

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 9.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.818 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.253 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

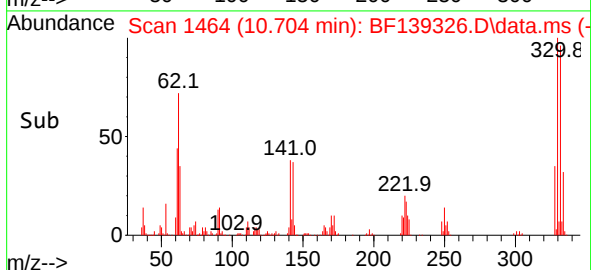
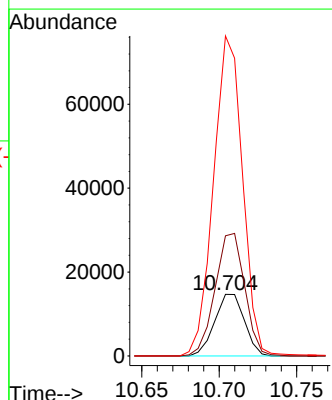
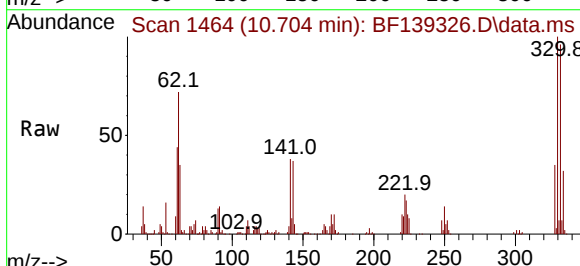
Tgt Ion:248 Resp: 19645

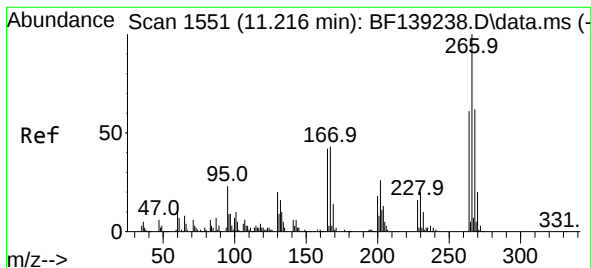
Ion Ratio Lower Upper

248 100

250 195.4 77.2 115.8#

141 520.0 63.6 95.4#





#70

Pentachlorophenol

Concen: 5.746 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

Instrument :

BNA_F

ClientSampleId :

COMP-1

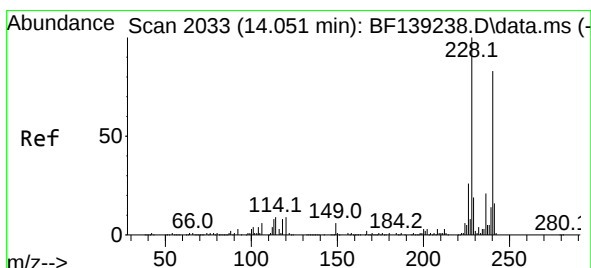
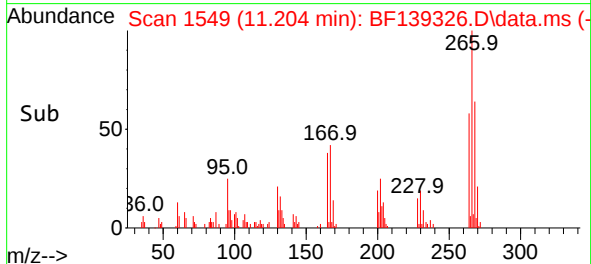
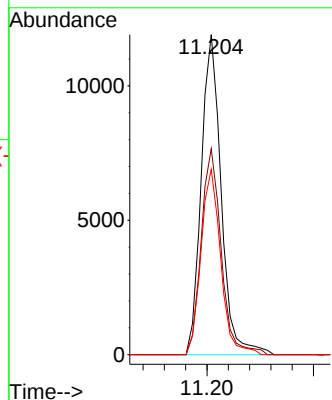
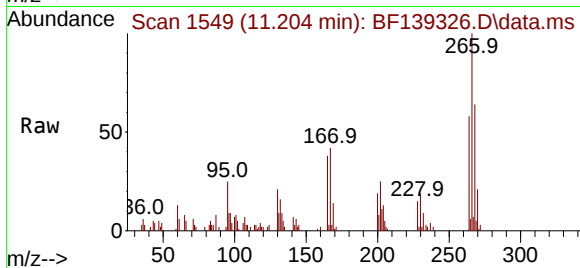
Tgt Ion:266 Resp: 15494

Ion Ratio Lower Upper

266 100

268 64.3 49.7 74.5

264 57.9 49.2 73.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

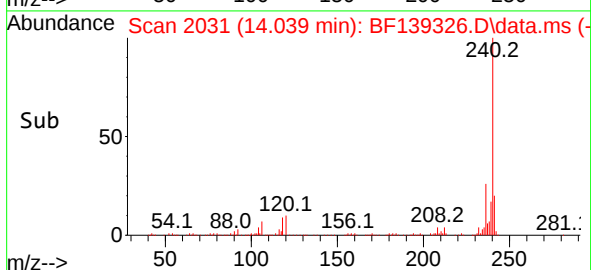
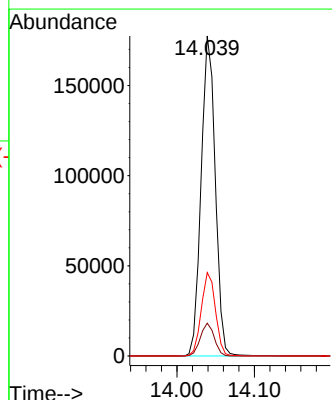
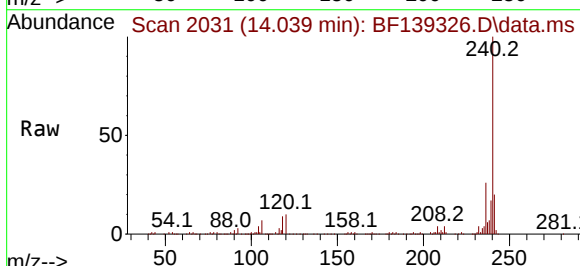
Tgt Ion:240 Resp: 225192

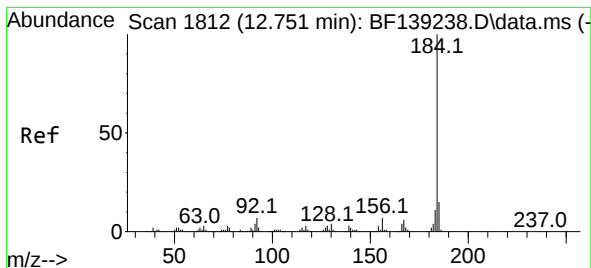
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.1 20.7 31.1





#77

Benzidine

Concen: 4.442 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

Instrument :

BNA_F

ClientSampleId :

COMP-1

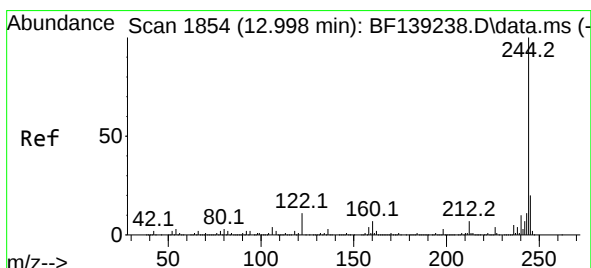
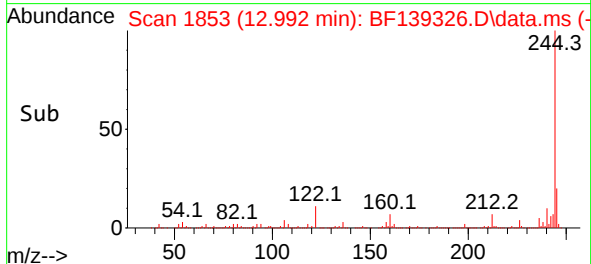
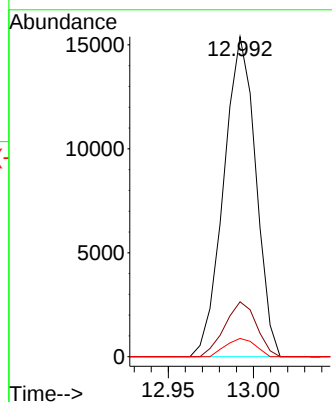
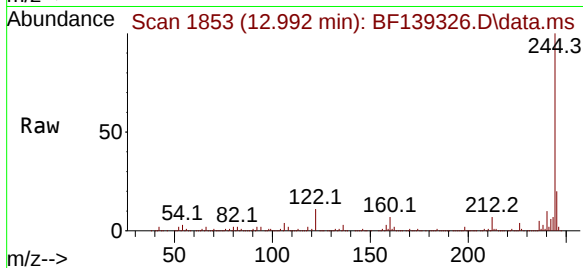
Tgt Ion:184 Resp: 20143

Ion Ratio Lower Upper

184 100

185 17.1 11.9 17.9

183 5.7 8.8 13.2#



#79

Terphenyl-d14

Concen: 103.507 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139326.D

Acq: 11 Sep 2024 15:29

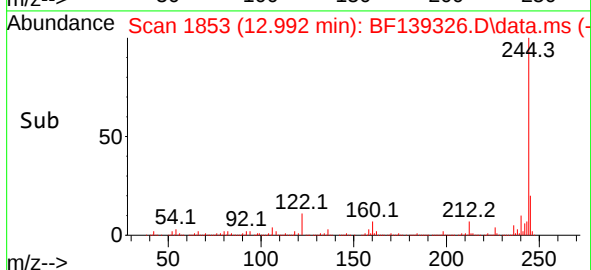
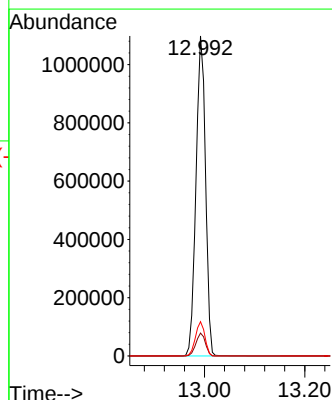
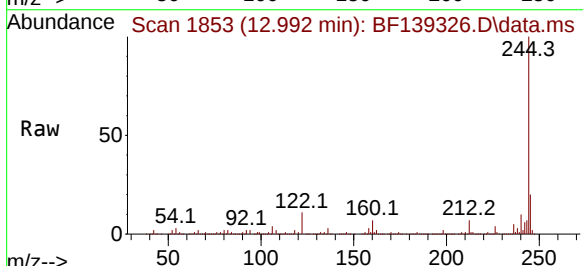
Tgt Ion:244 Resp: 1443654

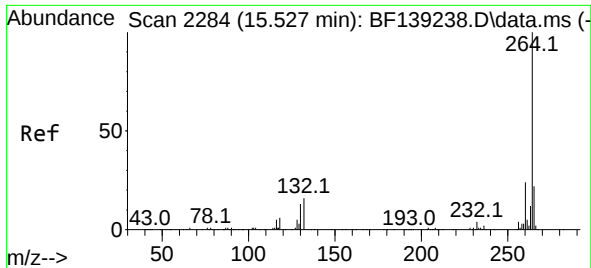
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.7 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139326.D
 Acq: 11 Sep 2024 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 177983
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 20.8 17.3 25.9

