

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139324.D
 Acq On : 11 Sep 2024 14:36
 Operator : RC/JU
 Sample : P3906-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-03

Quant Time: Sep 11 15:07:17 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)

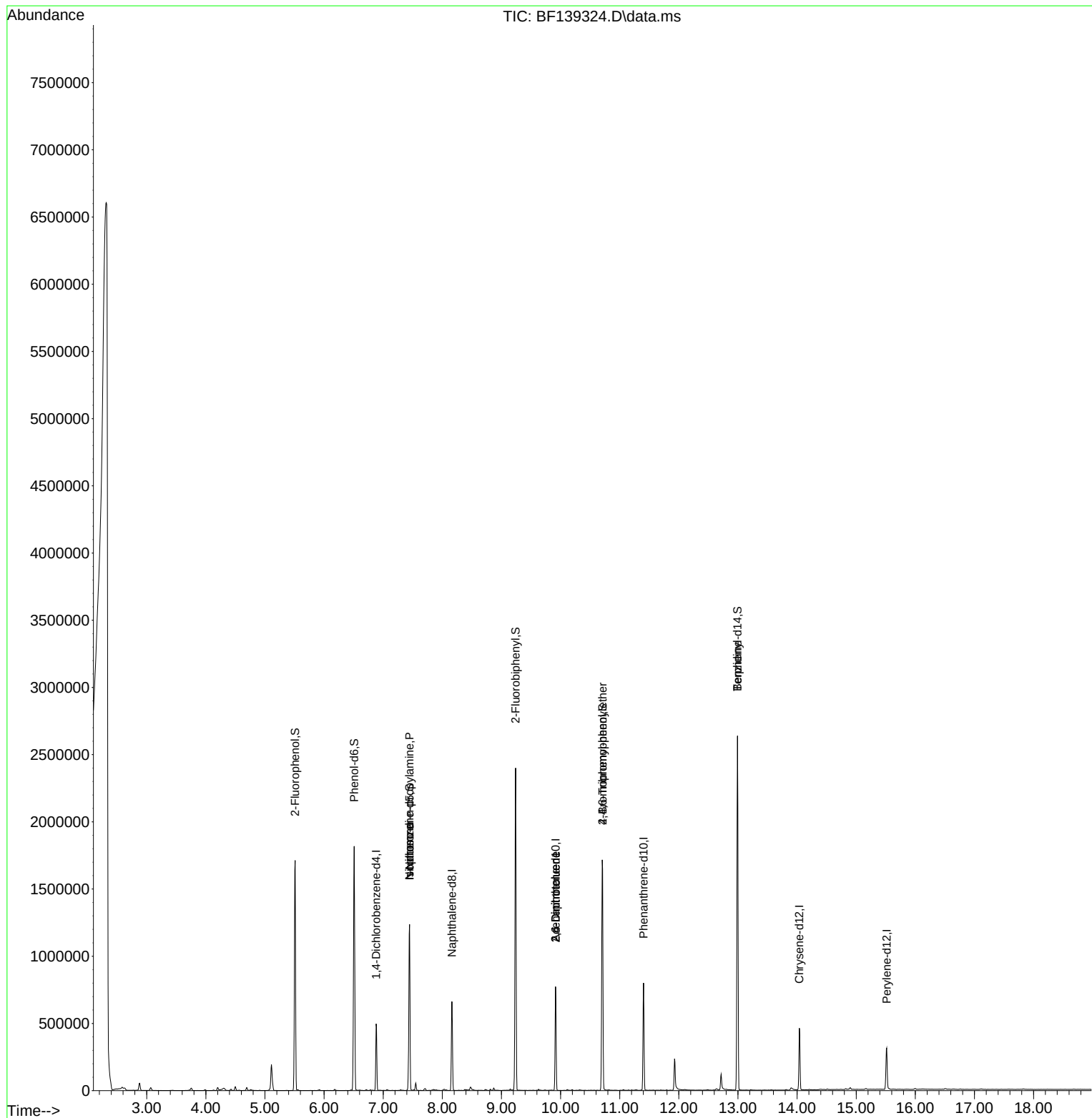
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	99765	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	384588	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	219598	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	410855	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	212608	20.000	ng	-0.01
86) Perylene-d12	15.515	264	182516	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	599828	100.580	ng	0.00
7) Phenol-d6	6.510	99	810562	101.811	ng	0.00
23) Nitrobenzene-d5	7.445	82	534309	72.275	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	274296	144.651	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1035310	72.776	ng	-0.01
79) Terphenyl-d14	12.992	244	1273164	96.686	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	74051	16.150	ng	# 75
25) Isophorone	7.445	82	532780	42.154	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	28124	9.314	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	28124	7.318	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18873	4.734	ng	# 1
77) Benzidine	12.992	184	17593	4.110	ng	# 94

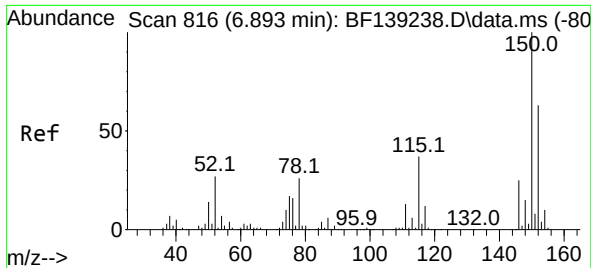
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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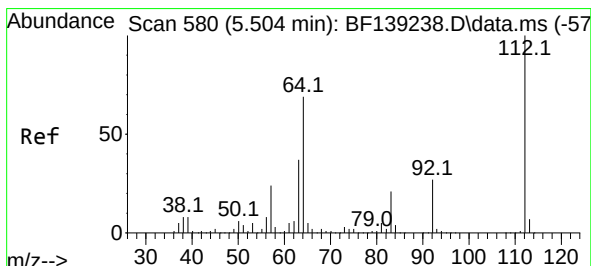
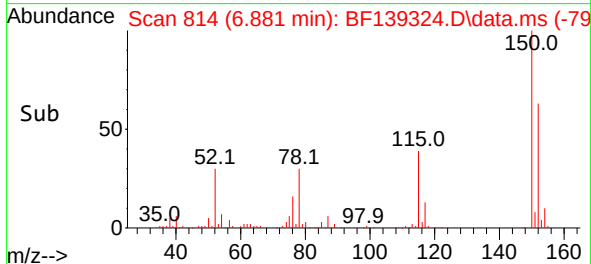
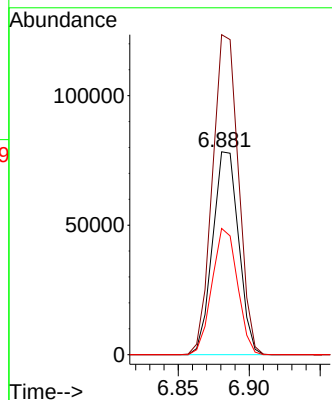
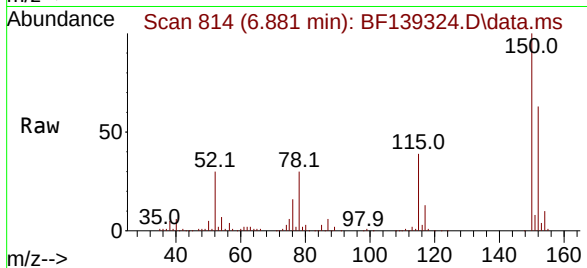




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

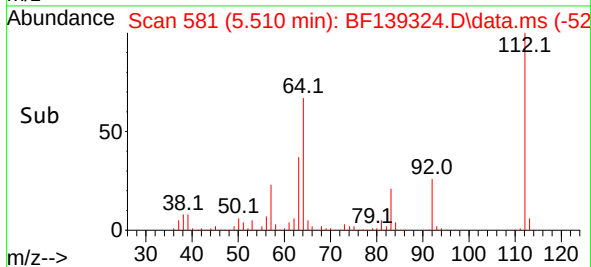
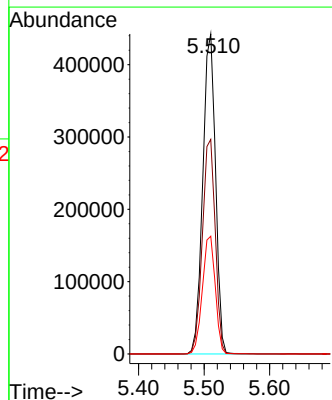
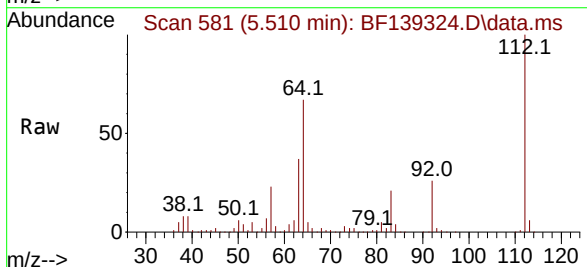
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

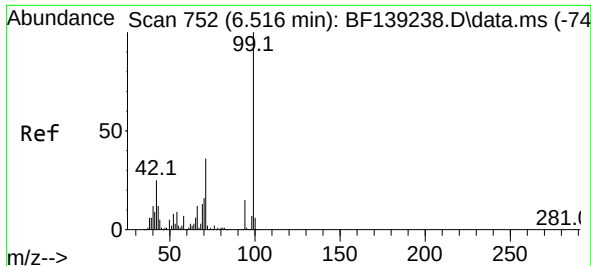
Tgt Ion:152 Resp: 99765
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.4
115 62.2 46.9 70.3



#5
2-Fluorophenol
Concen: 100.580 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion:112 Resp: 599828
Ion Ratio Lower Upper
112 100
64 67.1 55.0 82.4
63 36.8 29.9 44.9

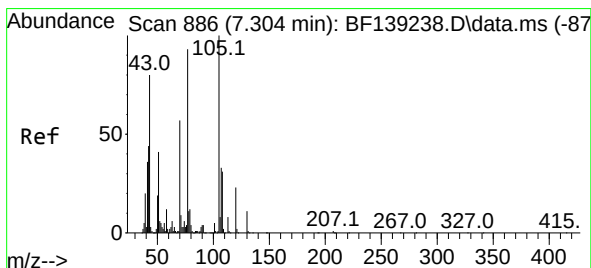
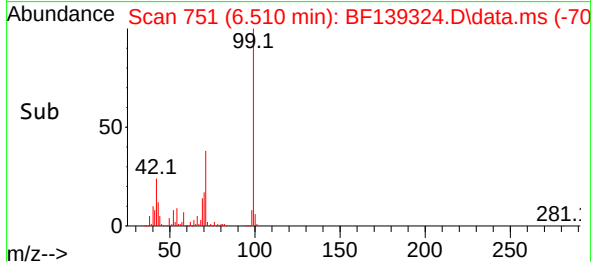
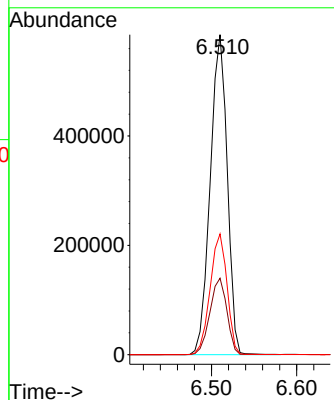
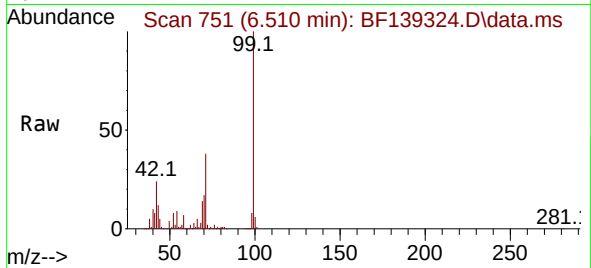




#7
Phenol-d6
Concen: 101.811 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

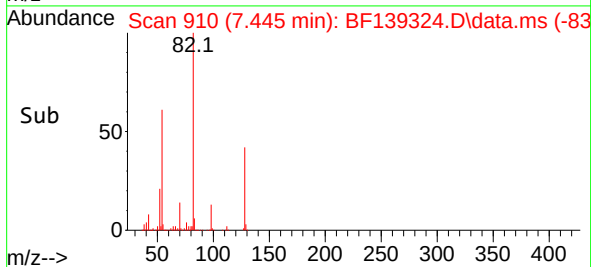
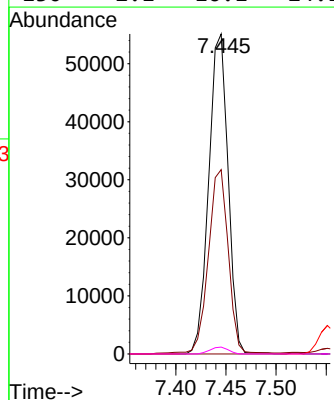
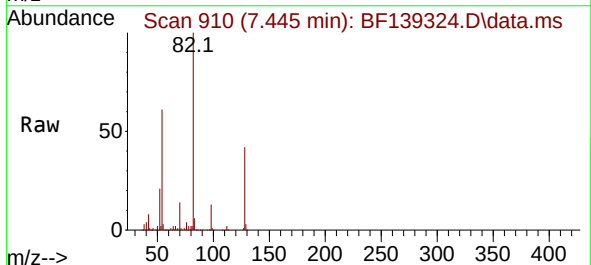
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

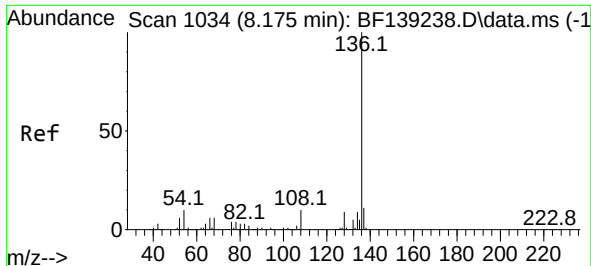
Tgt Ion: 99 Resp: 810562
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 37.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.150 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion: 70 Resp: 74051
Ion Ratio Lower Upper
70 100
42 57.6 61.0 91.6#
101 0.0 7.2 10.8#
130 2.1 16.1 24.1#

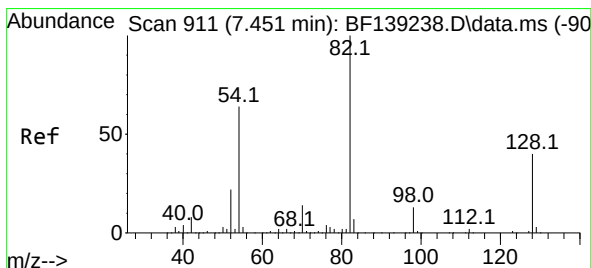
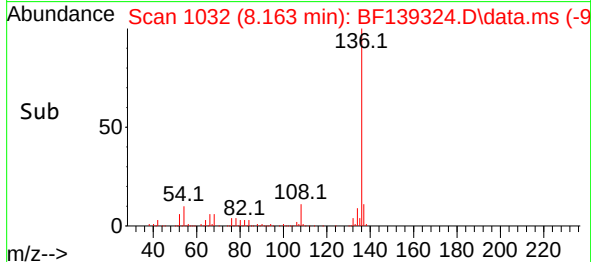
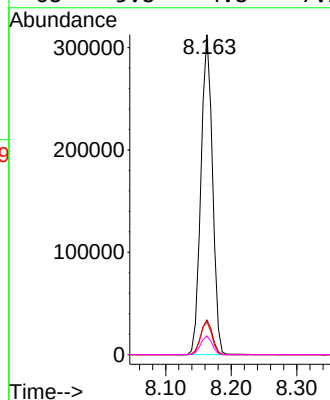
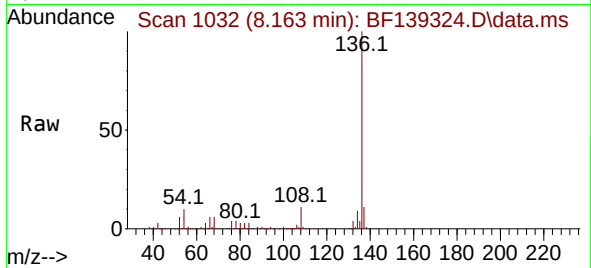




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

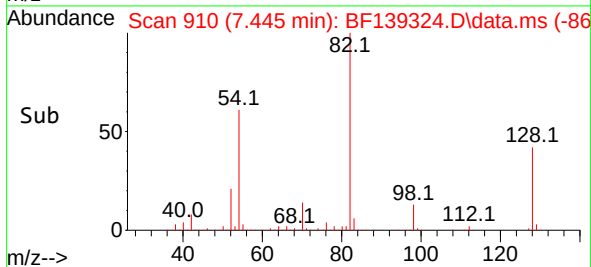
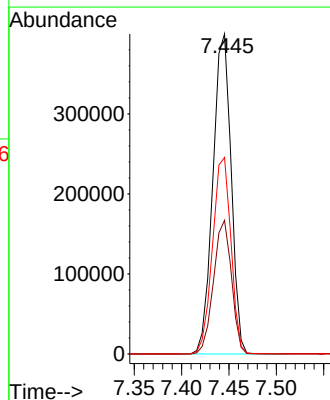
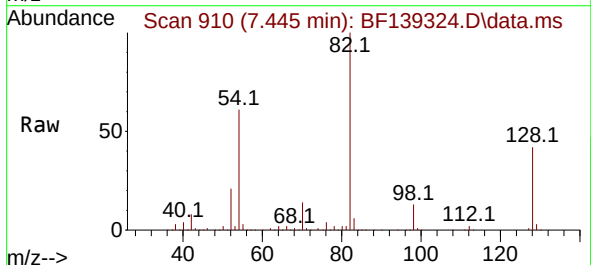
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

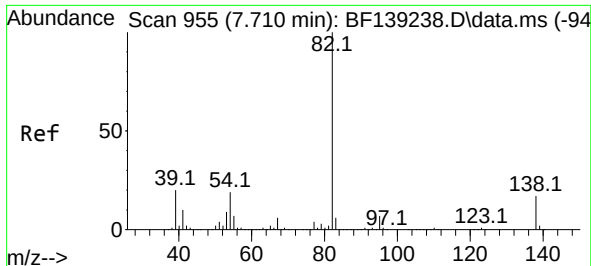
Tgt	Ion:136	Resp:	384588
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.4	12.6
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 72.275 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion: 82	Resp: 534309
Ion Ratio	Lower Upper
82 100	
128 41.7	32.3 48.5
54 61.4	51.2 76.8

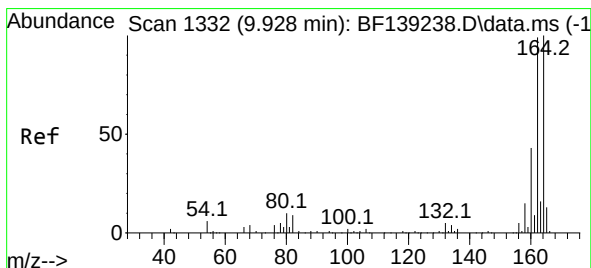
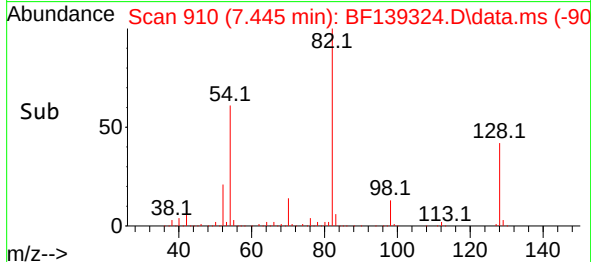
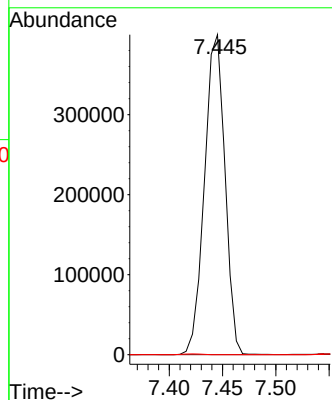
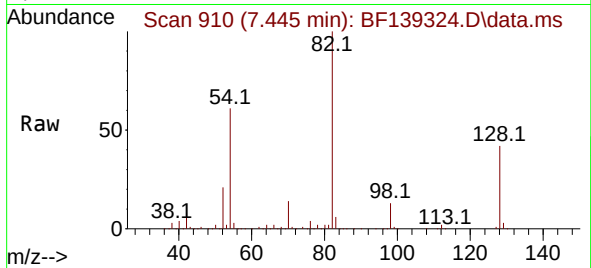




#25
Isophorone
Concen: 42.154 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

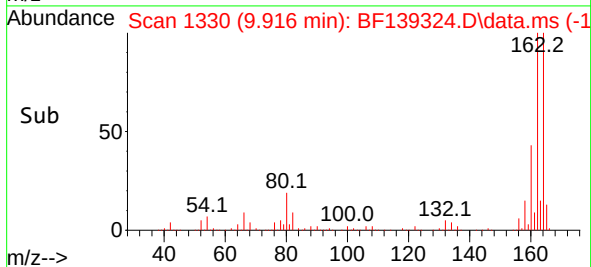
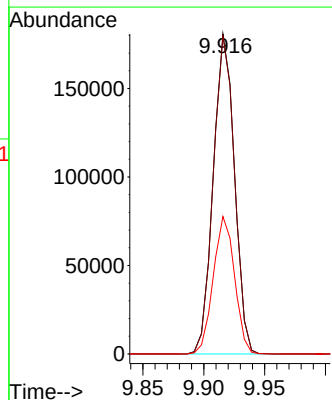
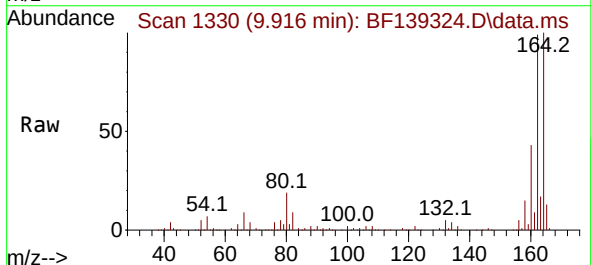
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

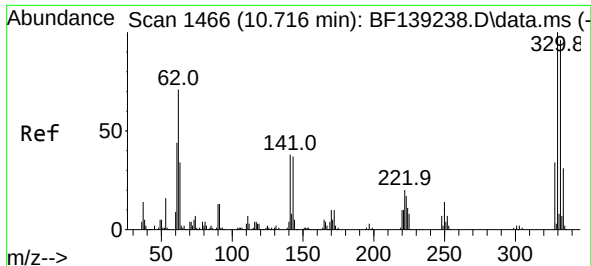
Tgt Ion: 82 Resp: 532780
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion:164 Resp: 219598
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 144.651 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139324.D

Acq: 11 Sep 2024 14:36

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-03

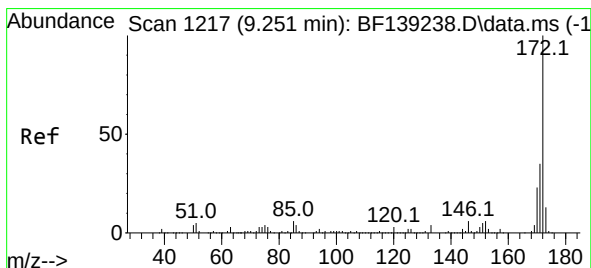
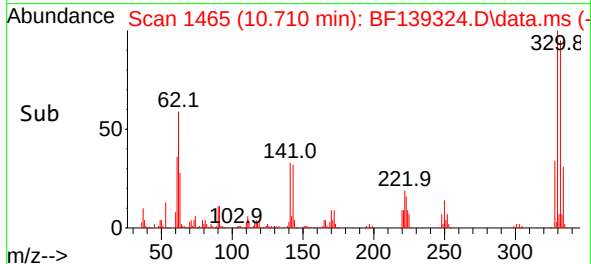
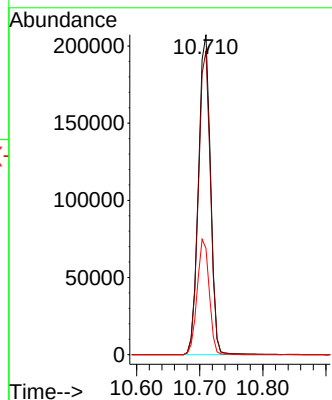
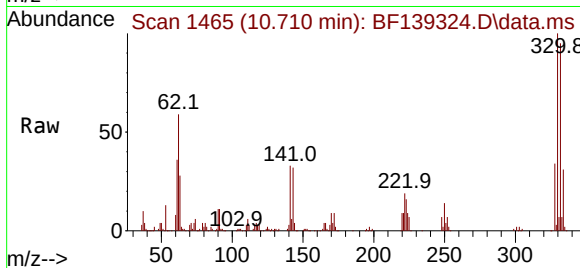
Tgt Ion:330 Resp: 274296

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

141 35.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 72.776 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139324.D

Acq: 11 Sep 2024 14:36

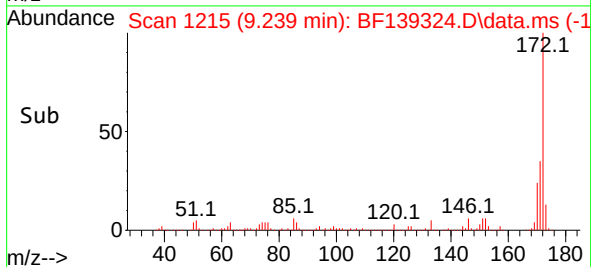
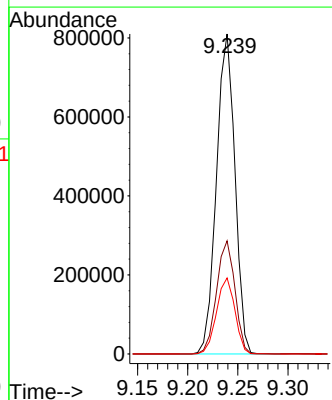
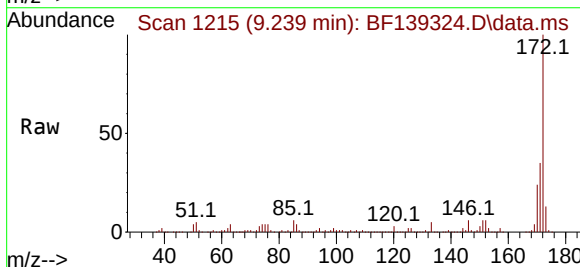
Tgt Ion:172 Resp: 1035310

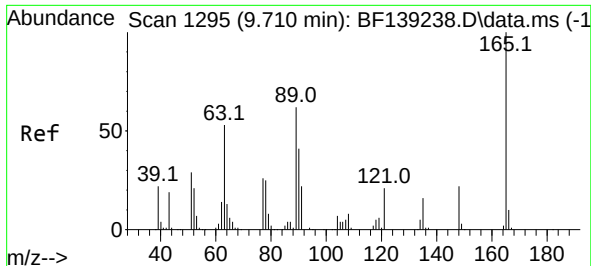
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 18.7 28.1

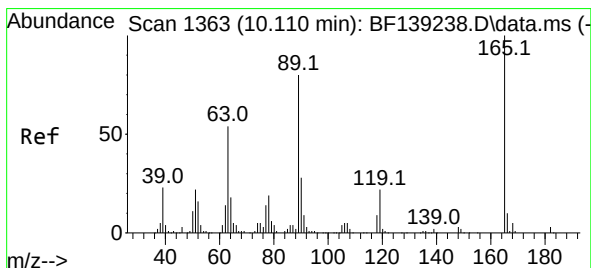
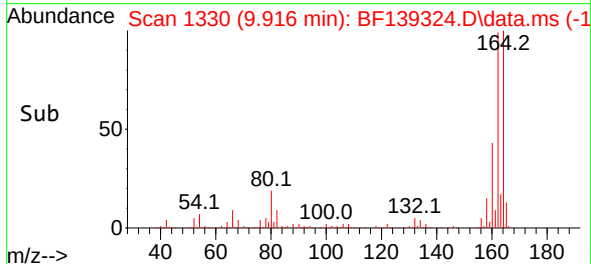
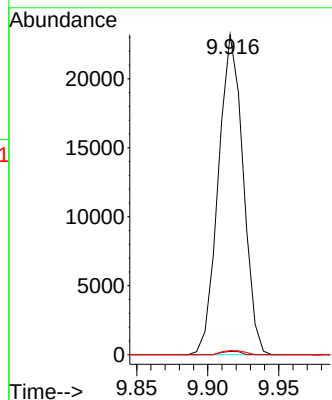
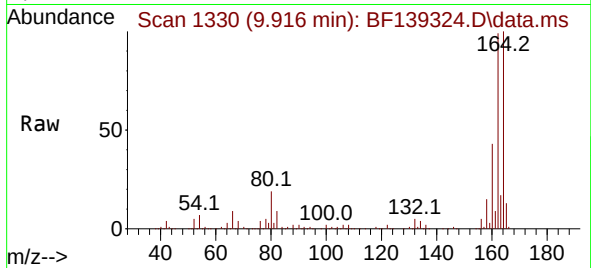




#51
2,6-Dinitrotoluene
Concen: 9.314 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

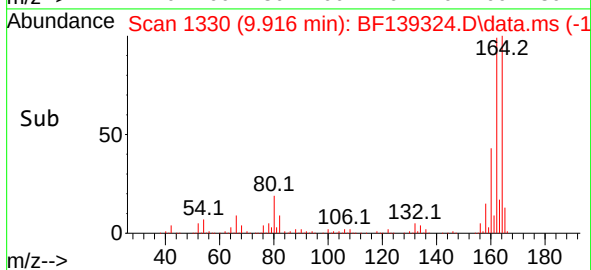
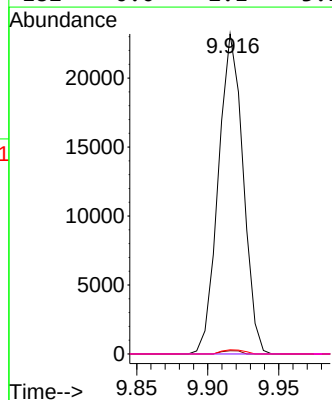
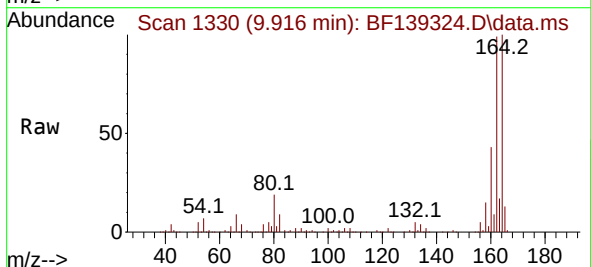
Instrument :
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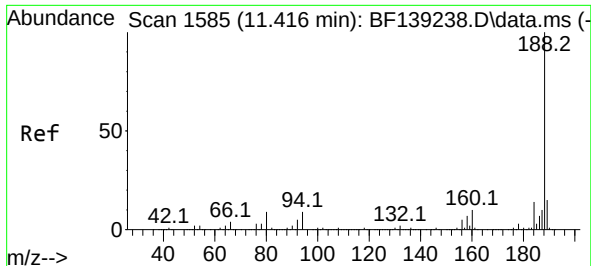
Tgt Ion:165 Resp: 28124
Ion Ratio Lower Upper
165 100
63 1.0 56.1 84.1#
89 1.3 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.318 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion:165 Resp: 28124
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.3 64.2 96.4#
182 0.0 2.1 3.1#

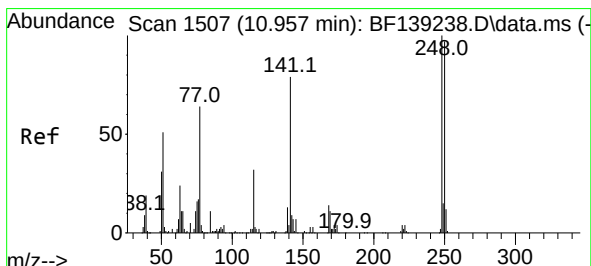
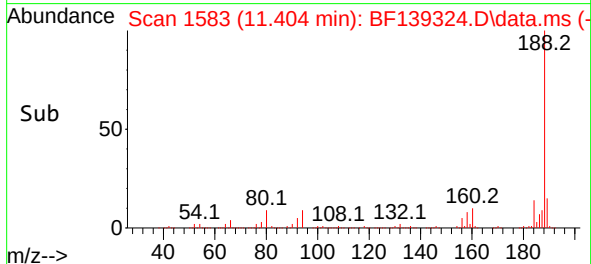
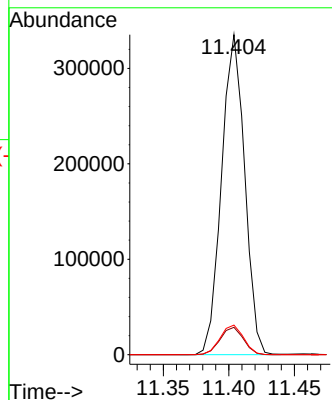
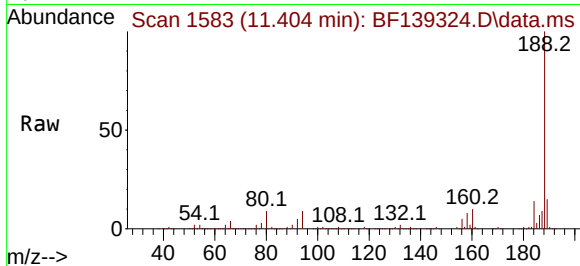




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

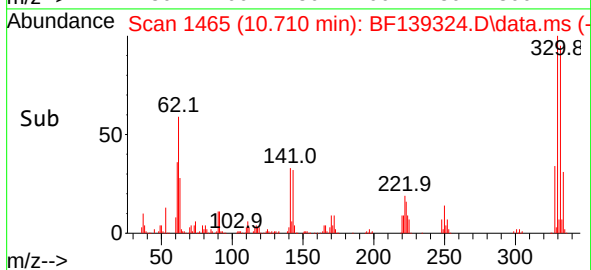
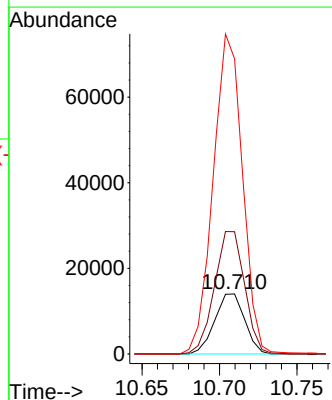
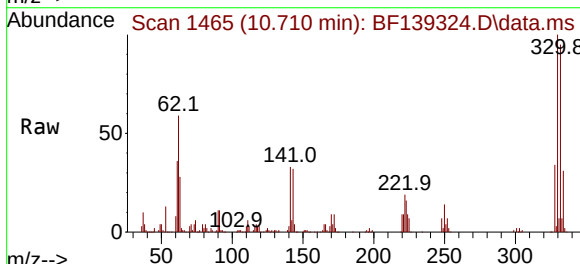
Instrument :
BNA_F
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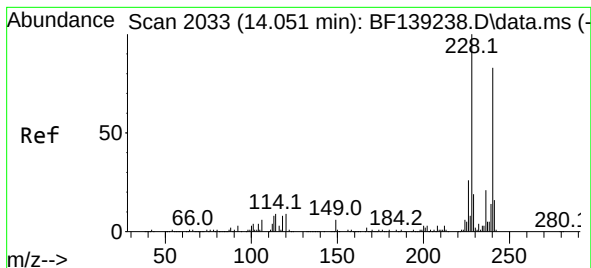
Tgt Ion:188 Resp: 410855
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.3 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.734 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139324.D
Acq: 11 Sep 2024 14:36

Tgt Ion:248 Resp: 18873
Ion Ratio Lower Upper
248 100
250 203.7 77.2 115.8#
141 491.3 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139324.D

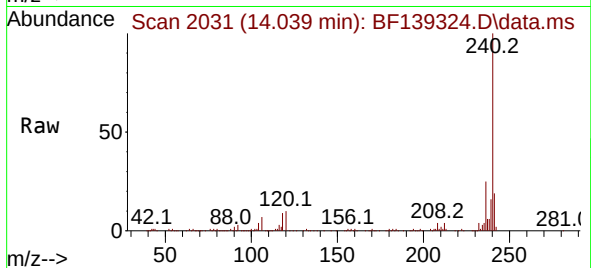
Acq: 11 Sep 2024 14:36

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-03



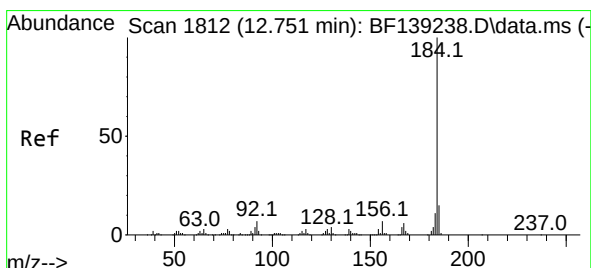
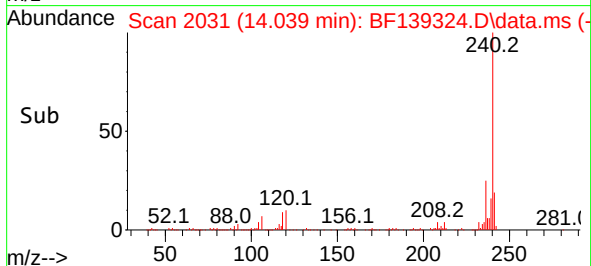
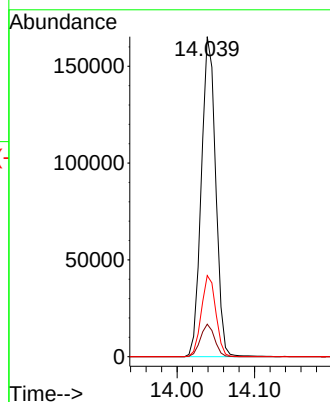
Tgt Ion:240 Resp: 212608

Ion Ratio Lower Upper

240 100

120 10.2 8.6 12.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: 4.110 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139324.D

Acq: 11 Sep 2024 14:36

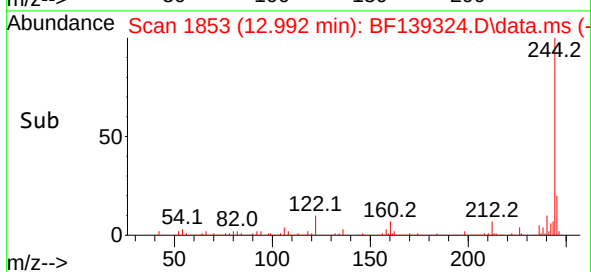
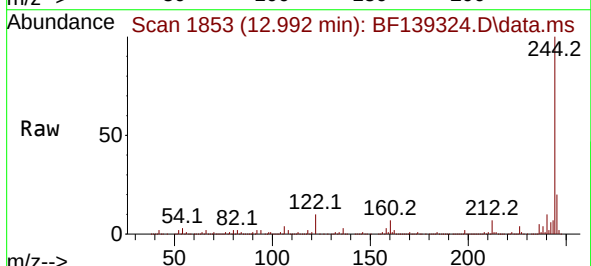
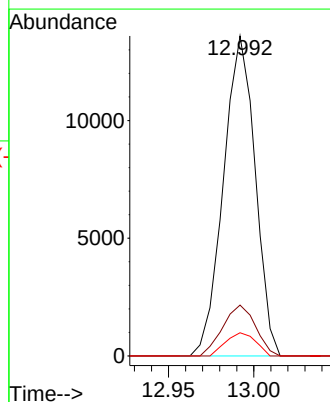
Tgt Ion:184 Resp: 17593

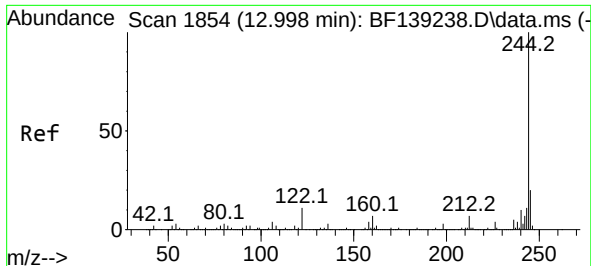
Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

183 7.3 8.8 13.2#

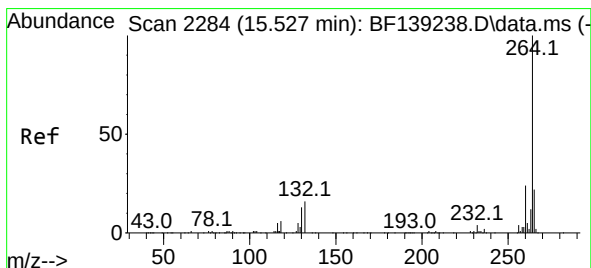
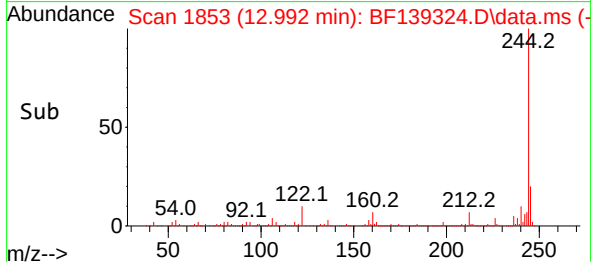
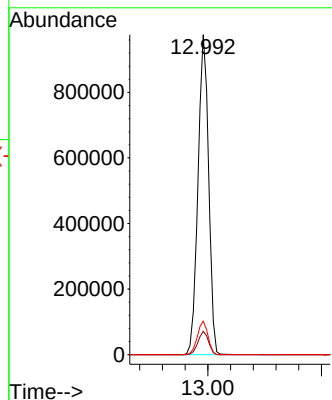
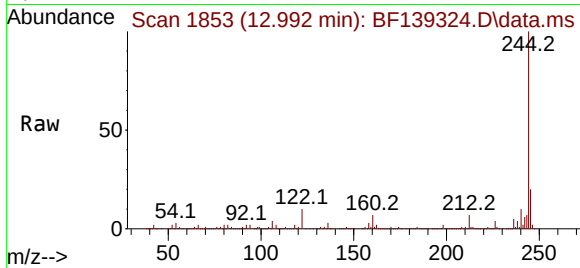




#79
 Terphenyl-d14
 Concen: 96.686 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139324.D
 Acq: 11 Sep 2024 14:36

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-03

Tgt Ion:244 Resp: 1273164
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.5 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139324.D
 Acq: 11 Sep 2024 14:36

Tgt Ion:264 Resp: 182516
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.3 17.3 25.9

