

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139036.D
 Acq On : 15 Aug 2024 22:16
 Operator : RC/JU
 Sample : P3573-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-3-3.5-080924

Quant Time: Aug 16 00:28:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

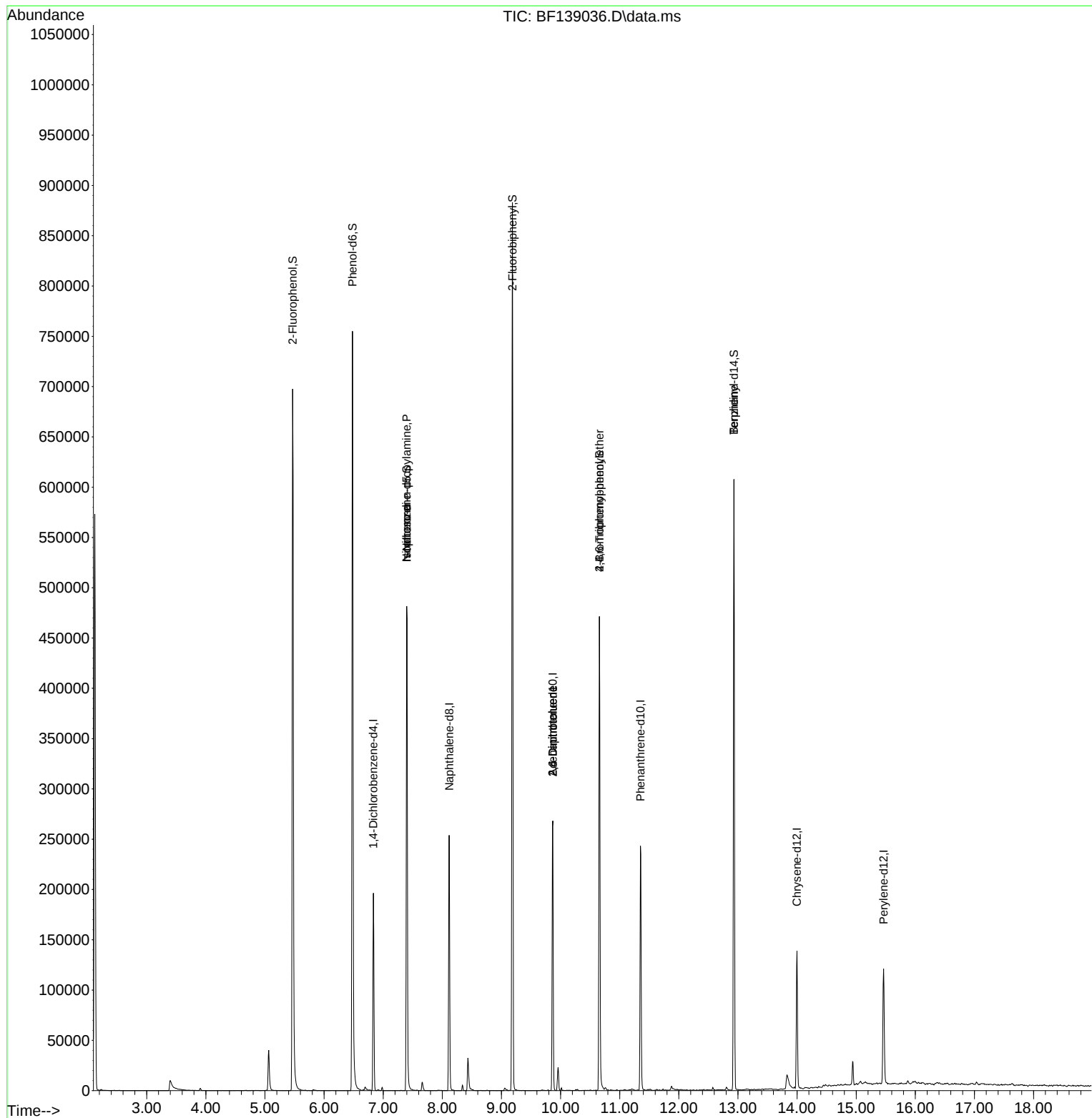
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	35836	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	148003	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	79042	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	129814	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	65543	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	67323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	242127	104.297	ng	0.00
7) Phenol-d6	6.481	99	318062	102.046	ng	0.00
23) Nitrobenzene-d5	7.398	82	206826	68.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	65453	101.092	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	350380	66.603	ng	-0.02
79) Terphenyl-d14	12.933	244	271647	69.391	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	29013	15.412	ng	# 80
25) Isophorone	7.398	82	206823	40.012	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10046	8.808	ng	# 23
57) 2,4-Dinitrotoluene	9.869	165	10046	6.903	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	4490	3.195	ng	# 1
77) Benzidine	12.933	184	4312	2.751	ng	# 93

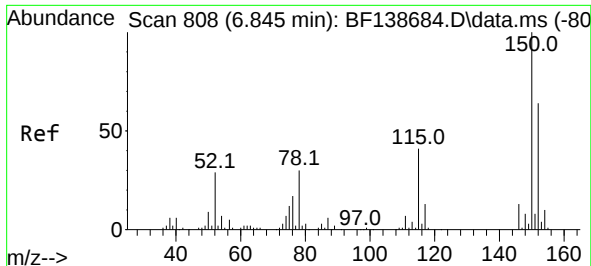
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
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S-856-J-S0-3-3.5-080924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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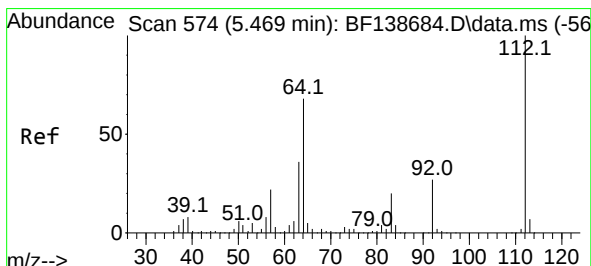
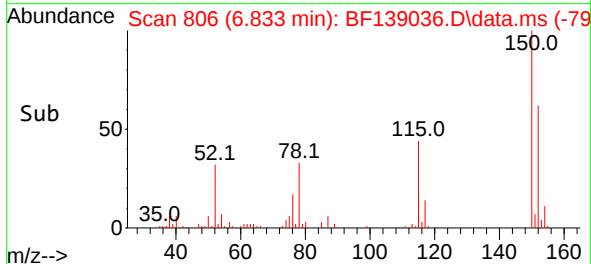
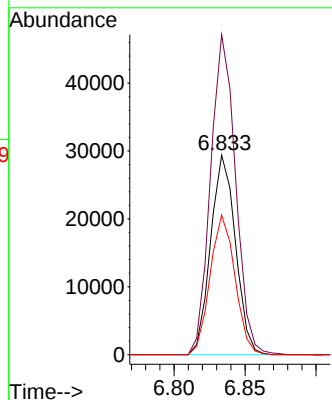
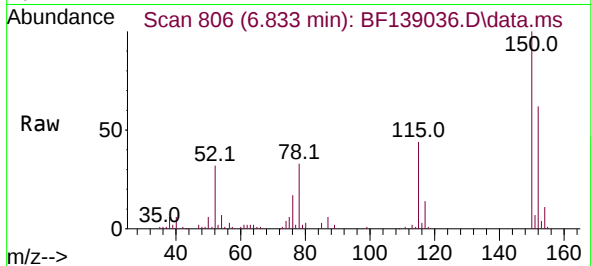




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

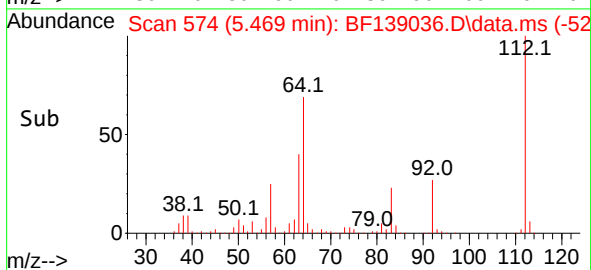
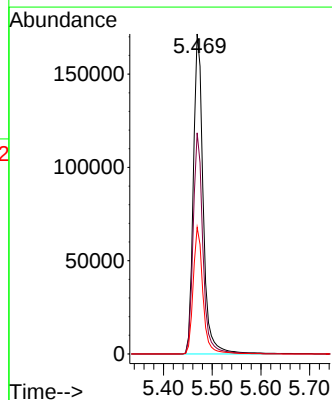
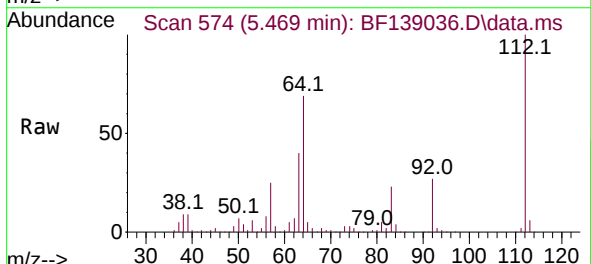
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-3-3.5-080924

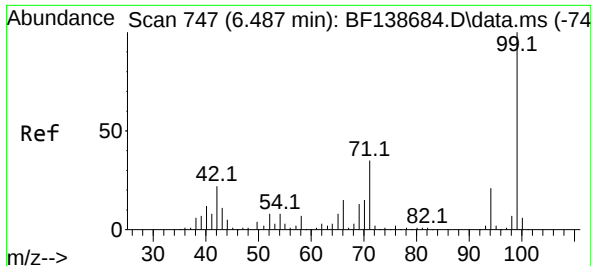
Tgt Ion:152 Resp: 35836
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 69.8 51.7 77.5



#5
2-Fluorophenol
Concen: 104.297 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion:112 Resp: 242127
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 39.5 28.7 43.1

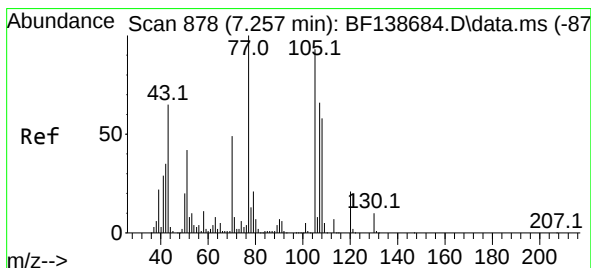
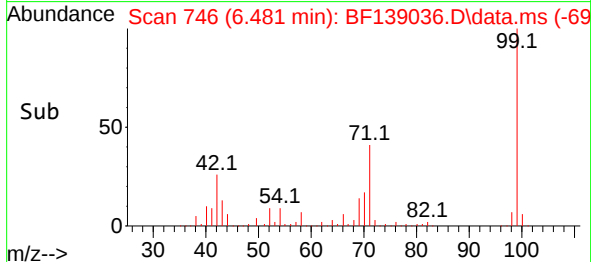
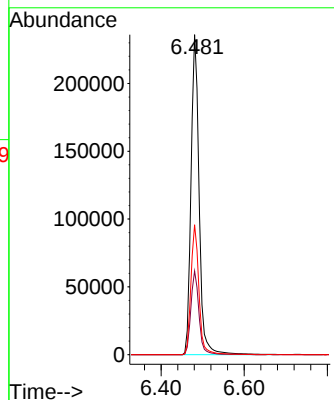
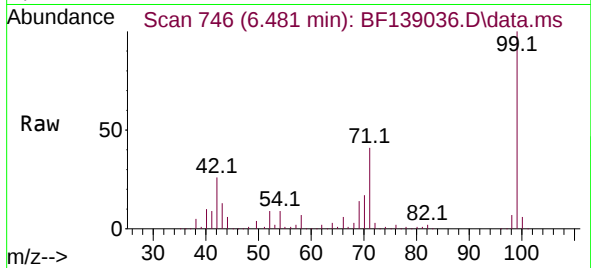




#7
Phenol-d6
Concen: 102.046 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

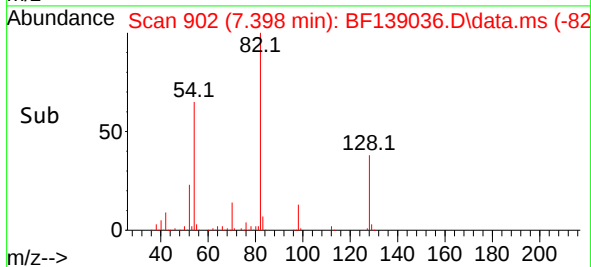
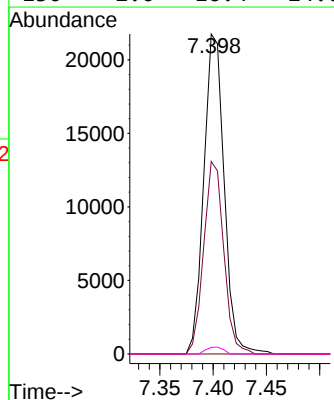
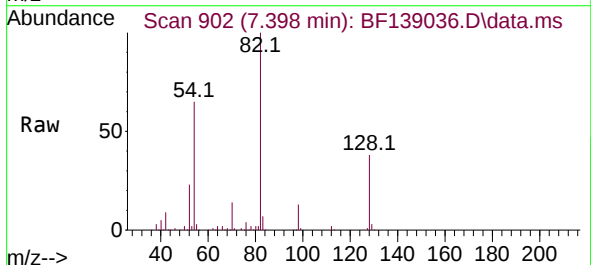
Instrument :
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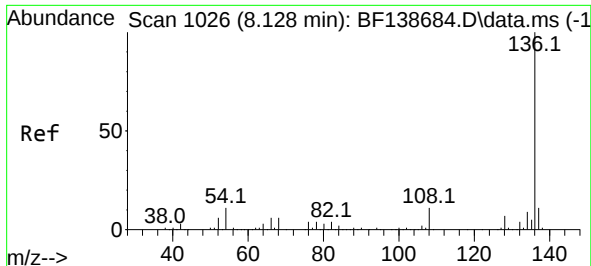
Tgt Ion: 99 Resp: 318062
Ion Ratio Lower Upper
99 100
42 26.1 17.4 26.0#
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.412 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

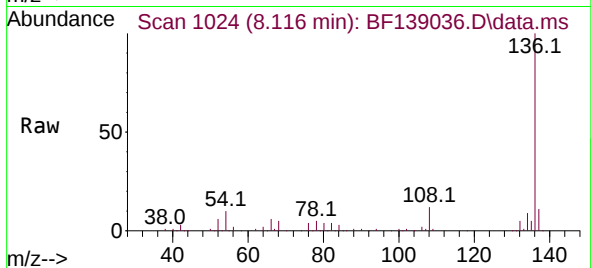
Tgt Ion: 70 Resp: 29013
Ion Ratio Lower Upper
70 100
42 60.2 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#





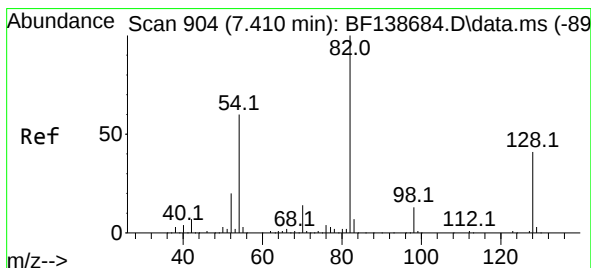
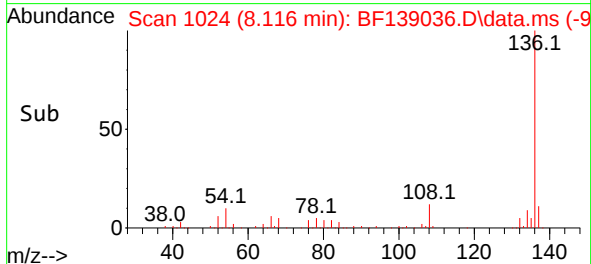
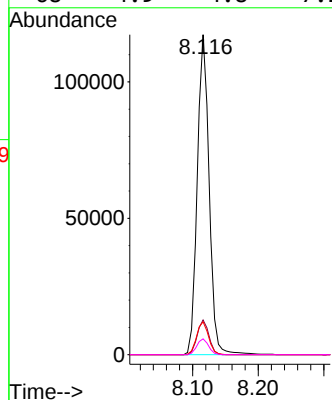
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-3-3.5-080924



Tgt Ion:136 Resp: 148003

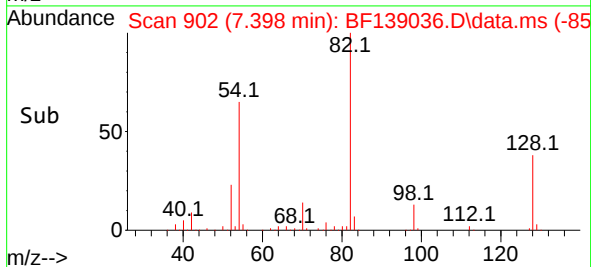
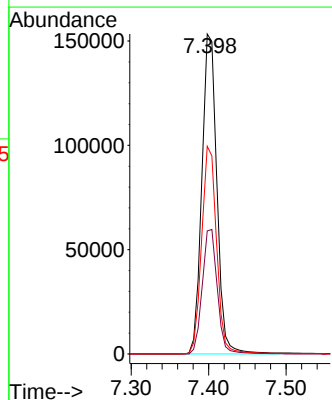
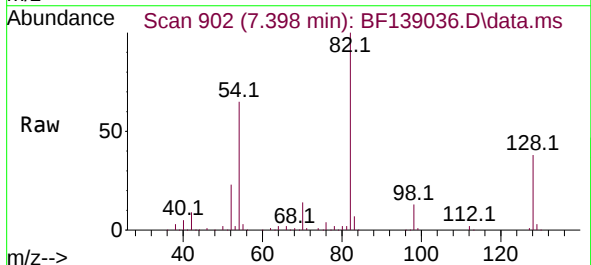
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	8.6	12.8
68	4.9	4.8	7.2

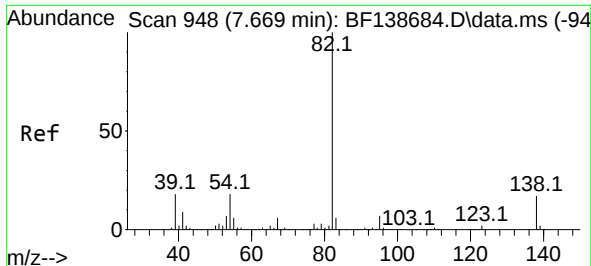


#23
Nitrobenzene-d5
Concen: 68.323 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion: 82 Resp: 206826

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	64.9	48.3	72.5

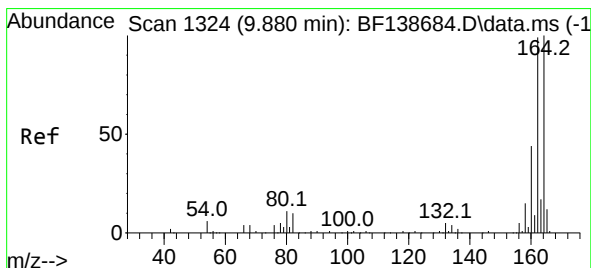
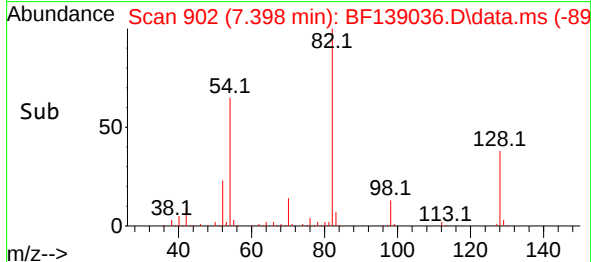
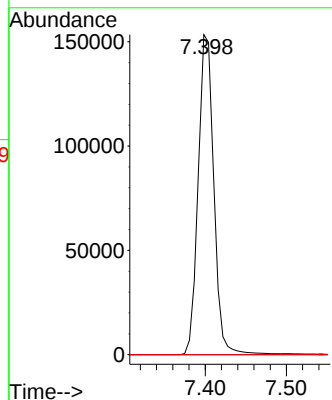
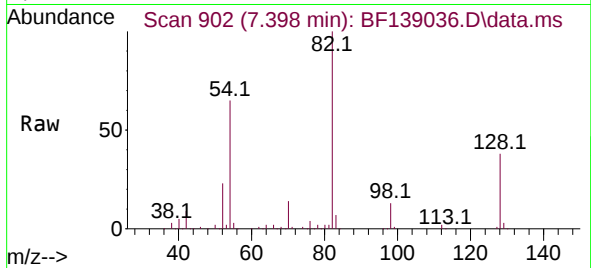




#25
Isophorone
Concen: 40.012 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

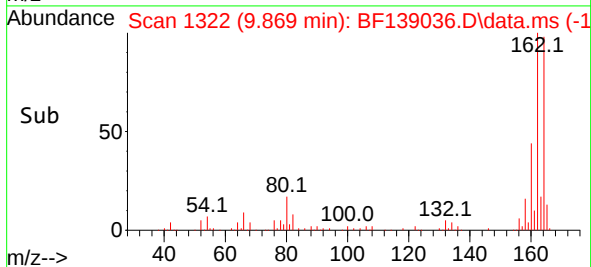
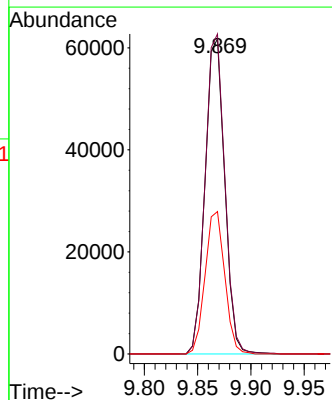
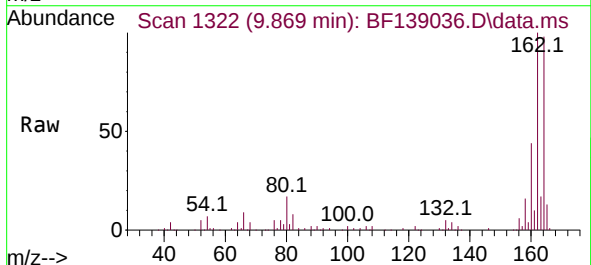
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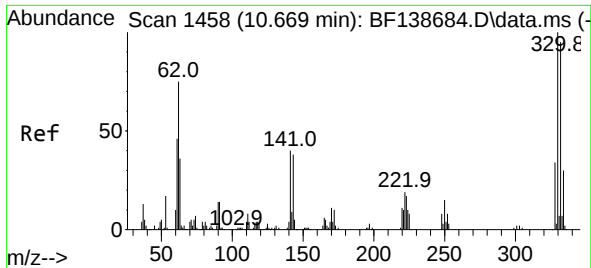
Tgt Ion: 82 Resp: 206823
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

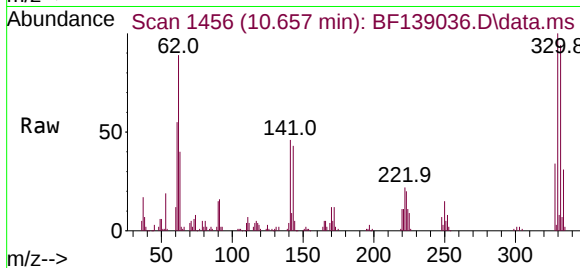
Tgt Ion:164 Resp: 79042
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.0
160 45.2 35.1 52.7



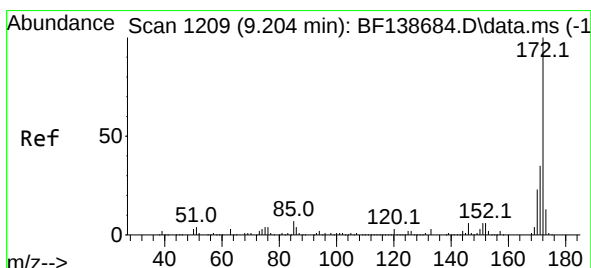
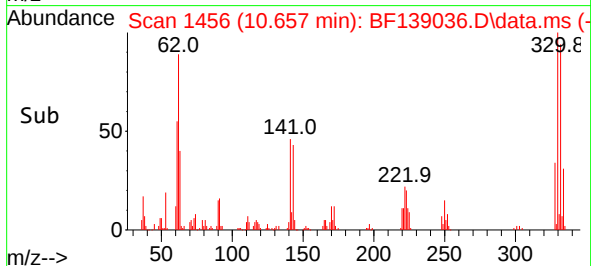
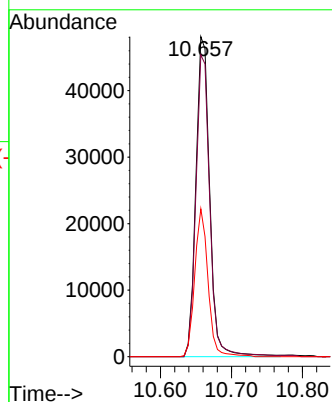


#42
2,4,6-Tribromophenol
Concen: 101.092 ng
RT: 10.657 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-3-3.5-080924

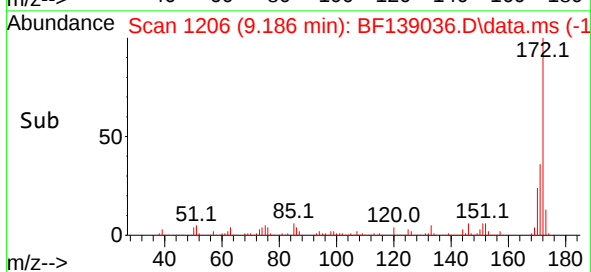
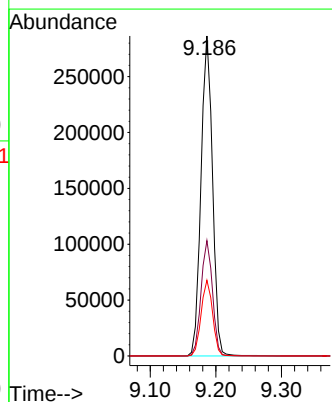
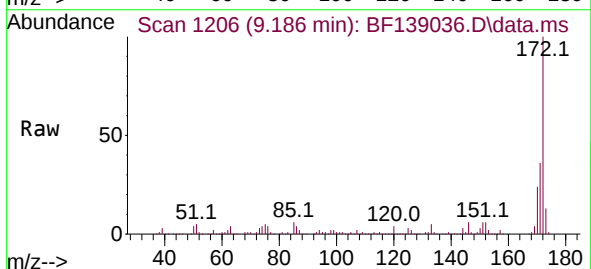


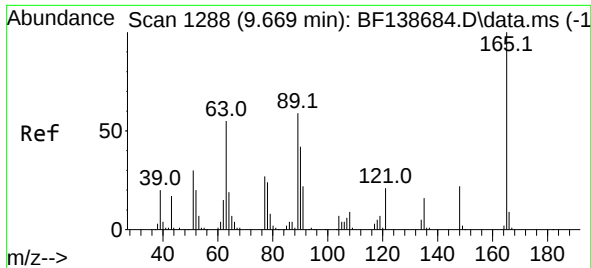
Tgt Ion:330 Resp: 65453
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 44.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 66.603 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion:172 Resp: 350380
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.8 28.2

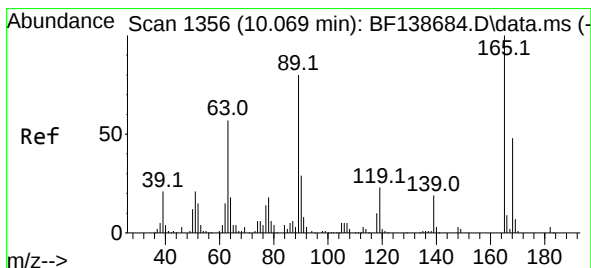
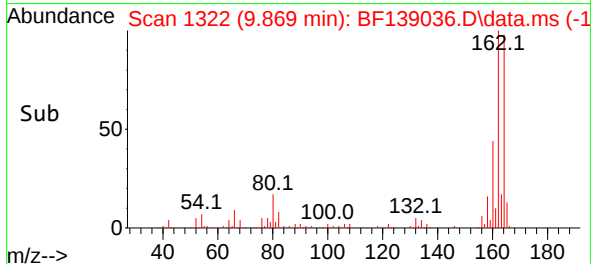
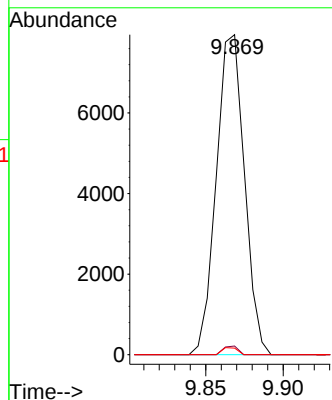
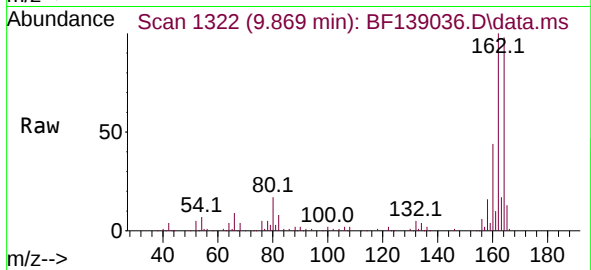




#51
2,6-Dinitrotoluene
Concen: 8.808 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

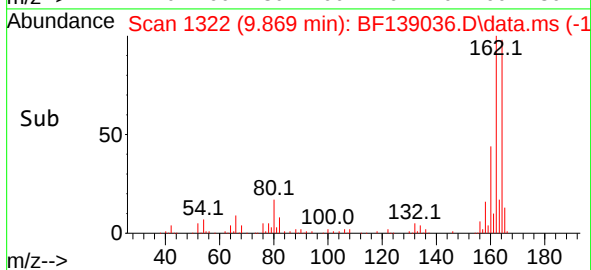
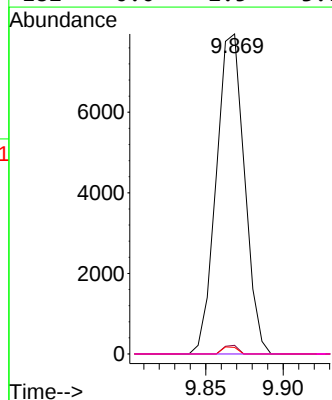
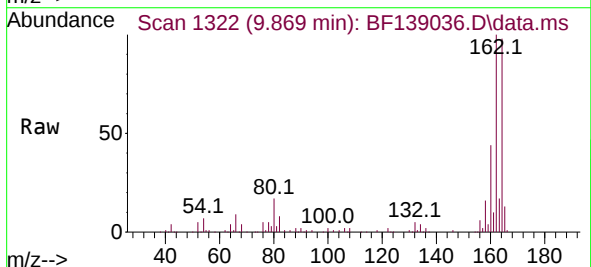
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-3-3.5-080924

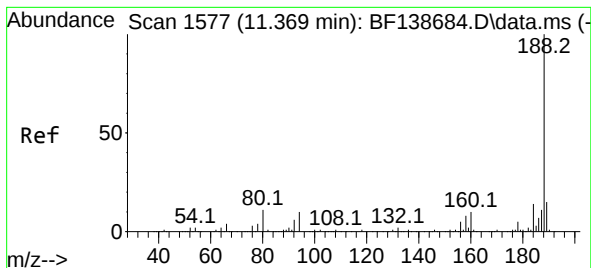
Tgt Ion:165 Resp: 10046
Ion Ratio Lower Upper
165 100
63 2.7 52.0 78.0#
89 2.1 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.903 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139036.D
Acq: 15 Aug 2024 22:16

Tgt Ion:165 Resp: 10046
Ion Ratio Lower Upper
165 100
63 2.7 46.3 69.5#
89 2.1 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-3-3.5-080924

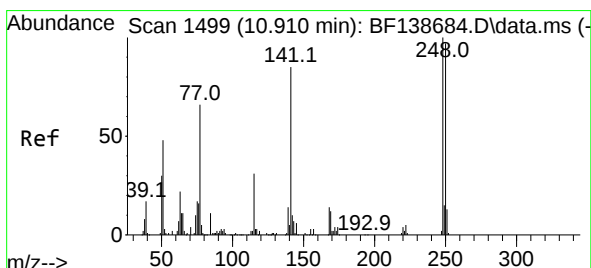
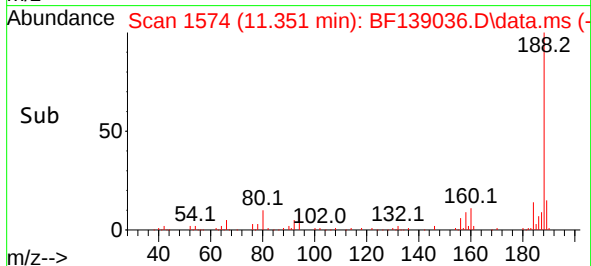
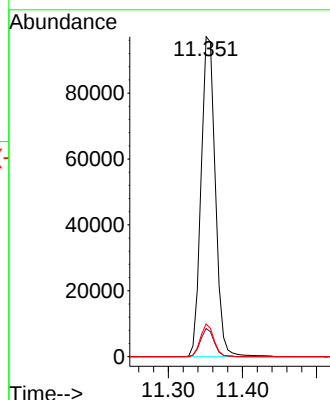
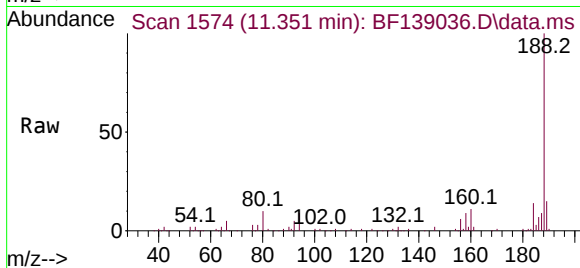
Tgt Ion:188 Resp: 129814

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.195 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

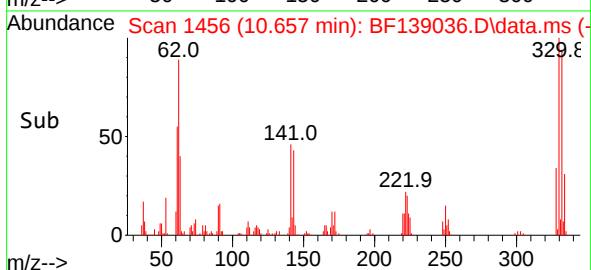
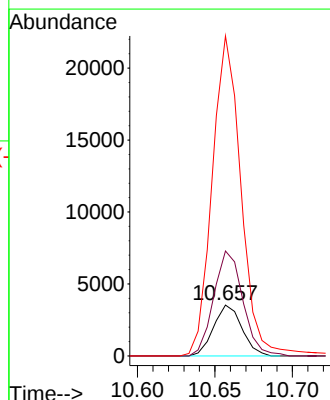
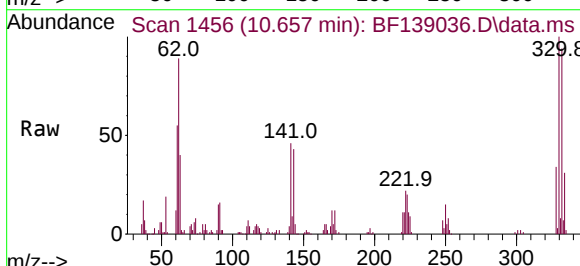
Tgt Ion:248 Resp: 4490

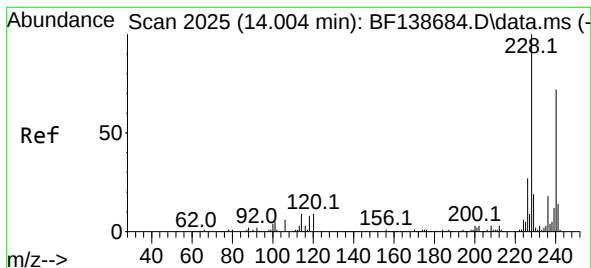
Ion Ratio Lower Upper

248 100

250 206.6 77.7 116.5#

141 629.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-3-3.5-080924

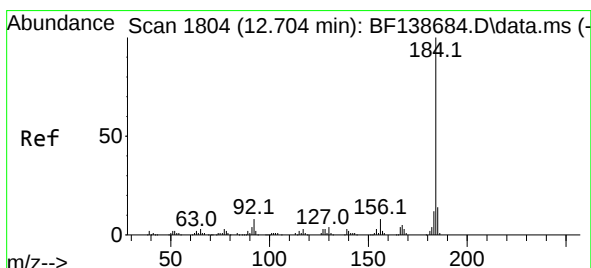
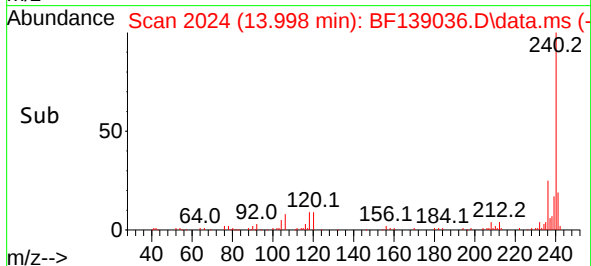
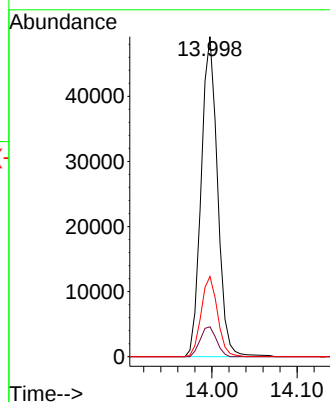
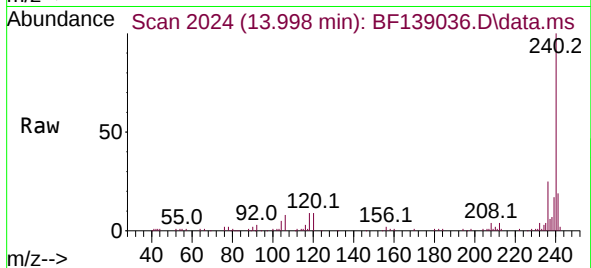
Tgt Ion:240 Resp: 65543

Ion Ratio Lower Upper

240 100

120 9.3 10.2 15.4#

236 25.1 19.8 29.8



#77

Benzidine

Concen: 2.751 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

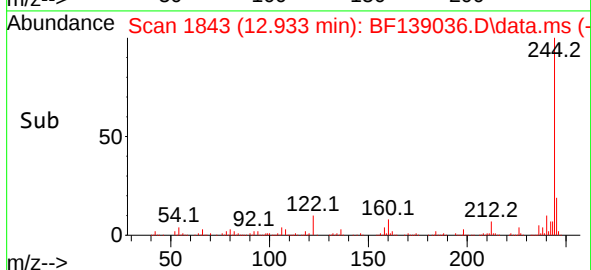
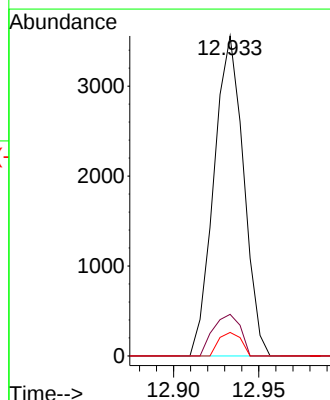
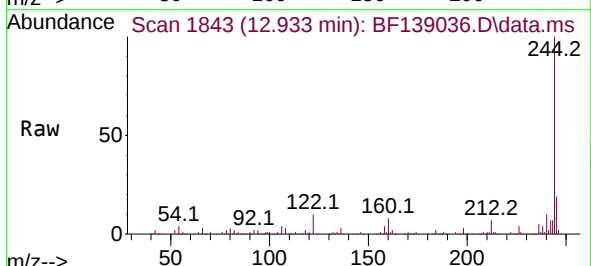
Tgt Ion:184 Resp: 4312

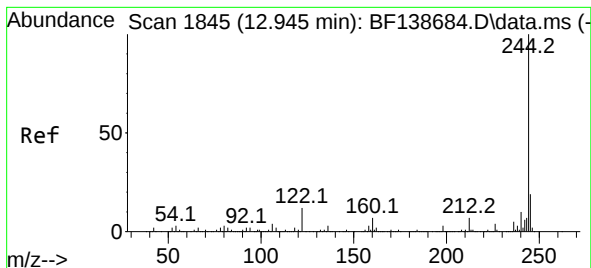
Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

183 7.4 9.6 14.4#





#79

Terphenyl-d14

Concen: 69.391 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-3-3.5-080924

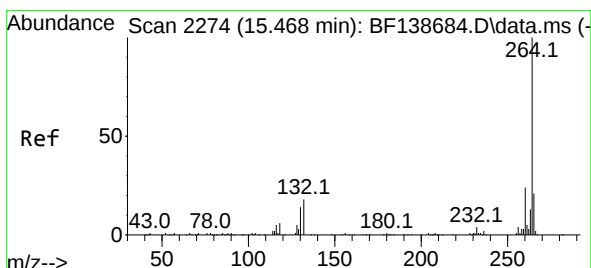
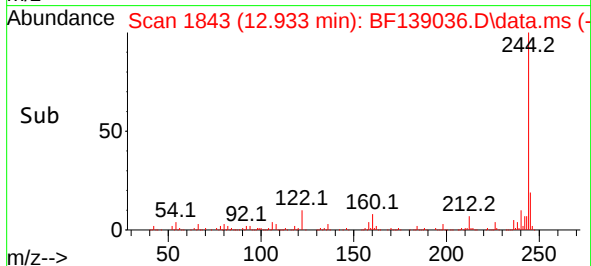
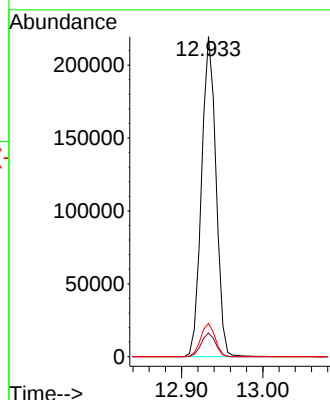
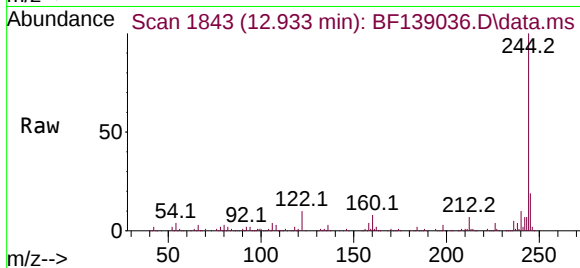
Tgt Ion:244 Resp: 271647

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 10.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139036.D

Acq: 15 Aug 2024 22:16

Tgt Ion:264 Resp: 67323

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 20.4 17.0 25.6

