

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139031.D
 Acq On : 15 Aug 2024 19:41
 Operator : RC/JU
 Sample : P3580-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0-0.5-081224

Quant Time: Aug 16 00:27:30 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)

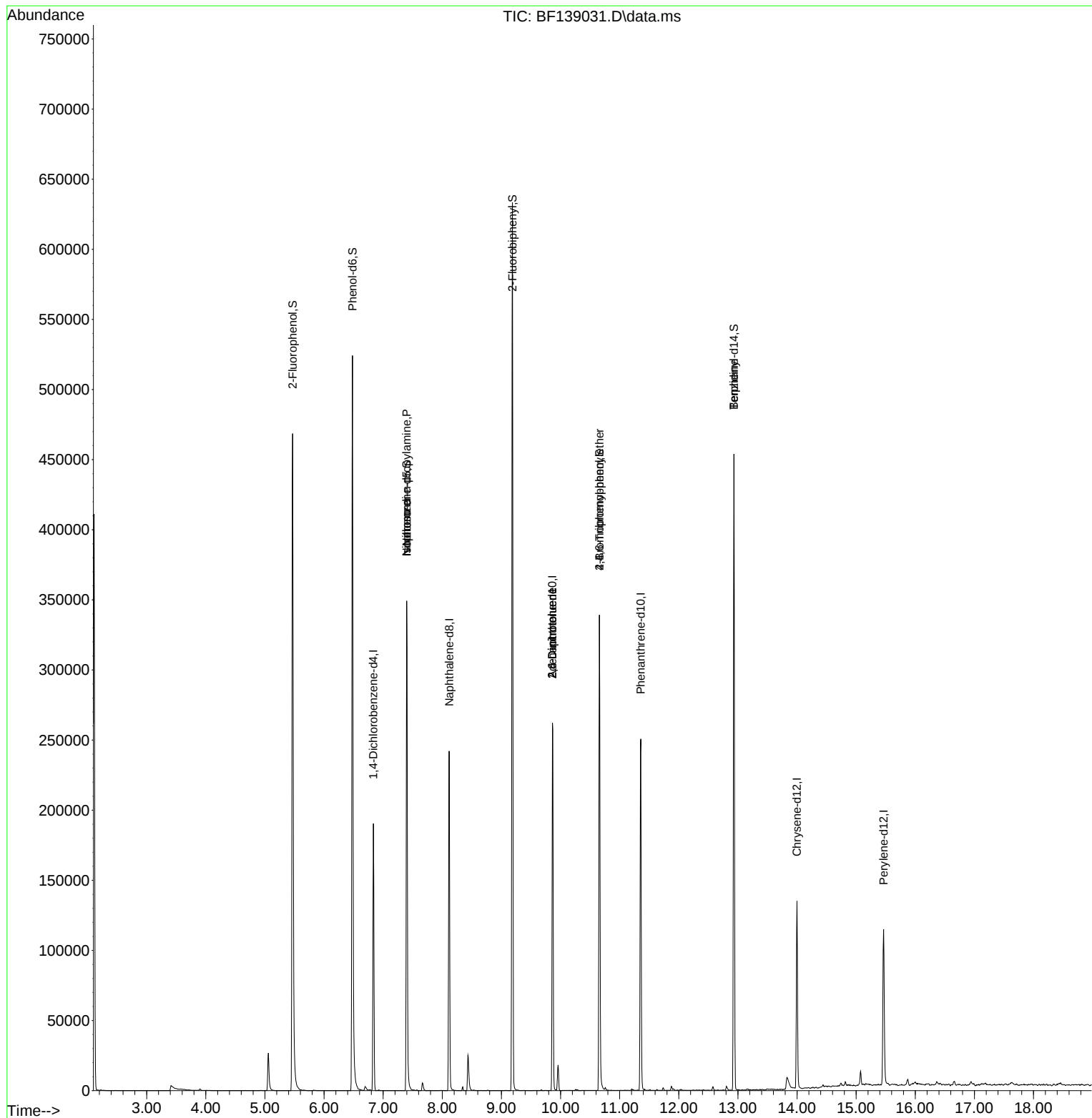
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	35229	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140620	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	77484	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	134048	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	63591	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	67654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	166969	73.162	ng	0.00
7) Phenol-d6	6.481	99	224936	73.411	ng	0.00
23) Nitrobenzene-d5	7.398	82	148275	51.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	49405	77.840	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	255412	49.527	ng	-0.02
79) Terphenyl-d14	12.933	244	204528	53.850	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	20730	11.202	ng	# 81
25) Isophorone	7.398	82	148274	30.191	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	9790	8.756	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	9790	6.863	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	3483	2.400	ng	# 1
77) Benzidine	12.933	184	3083	2.027	ng	# 82

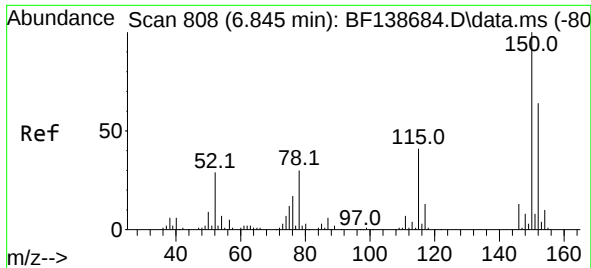
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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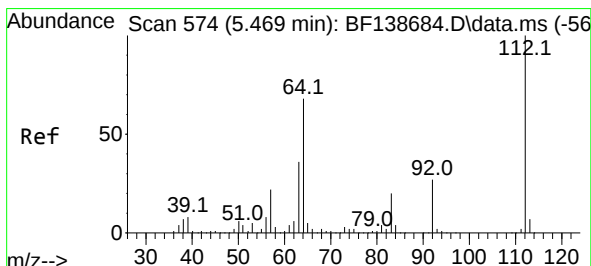
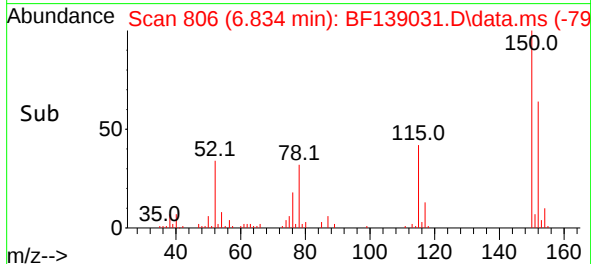
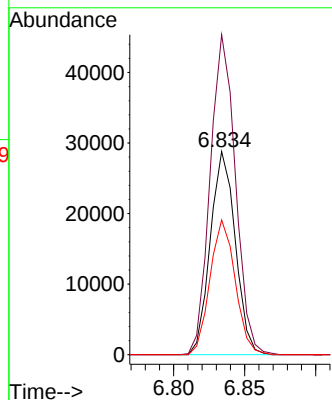
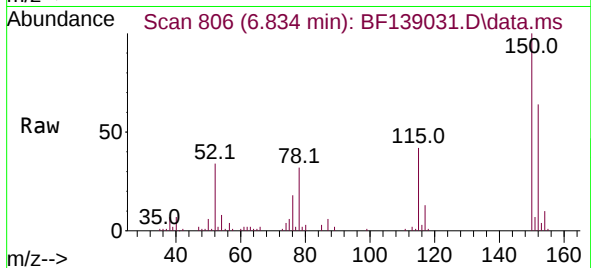




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

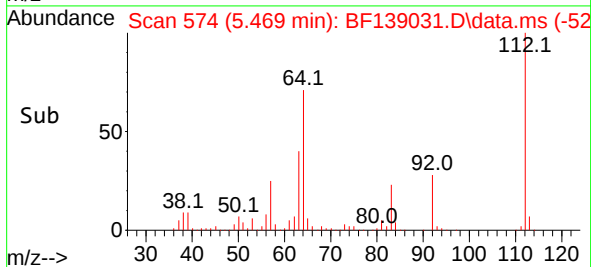
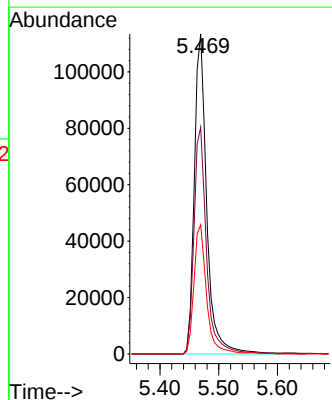
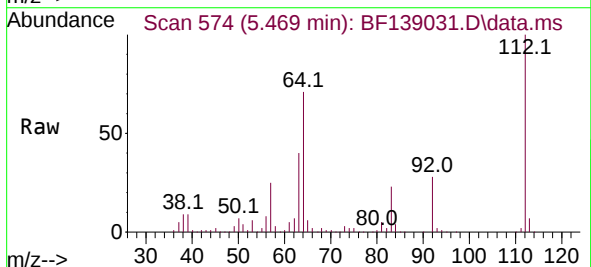
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

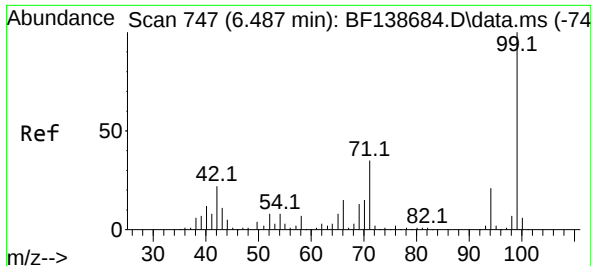
Tgt Ion:152 Resp: 35229
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 66.3 51.7 77.5



#5
2-Fluorophenol
Concen: 73.162 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion:112 Resp: 166969
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.4 28.7 43.1

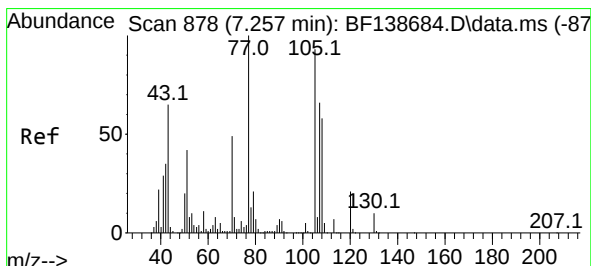
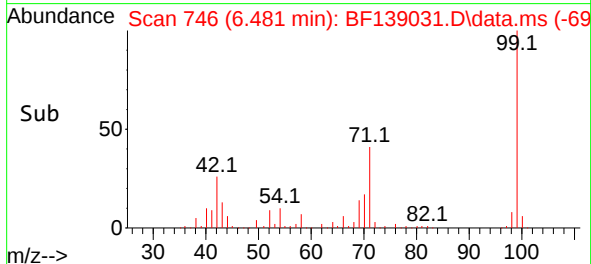
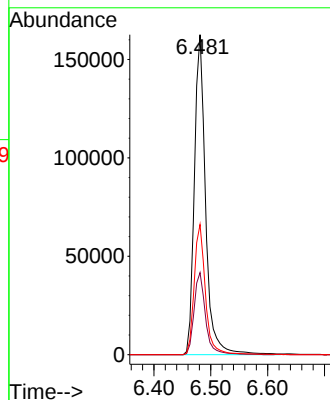
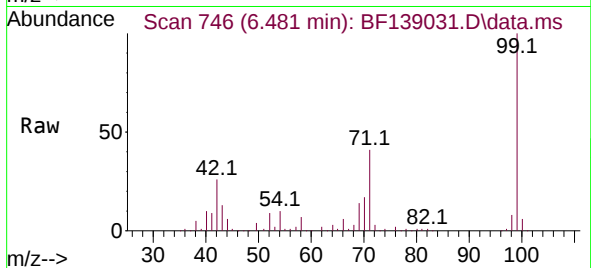




#7
Phenol-d6
Concen: 73.411 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

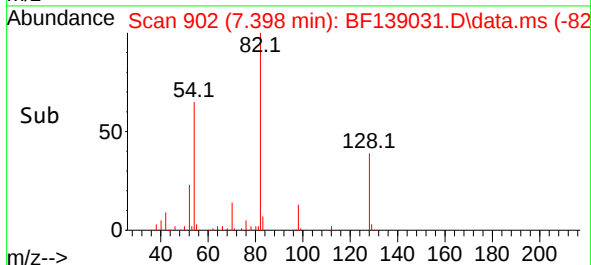
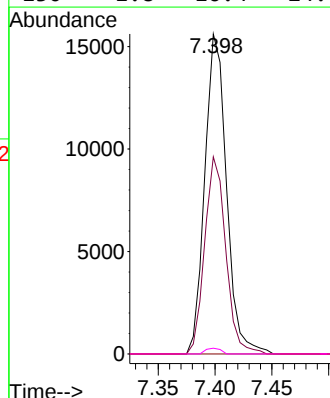
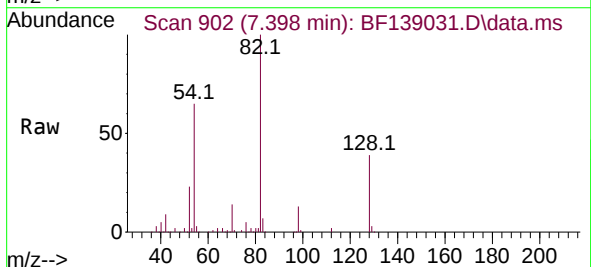
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

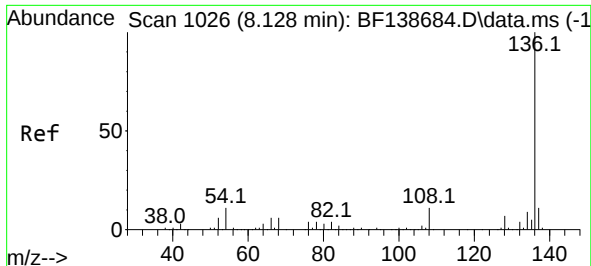
Tgt Ion: 99 Resp: 224936
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 40.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.202 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion: 70 Resp: 20730
Ion Ratio Lower Upper
70 100
42 61.6 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

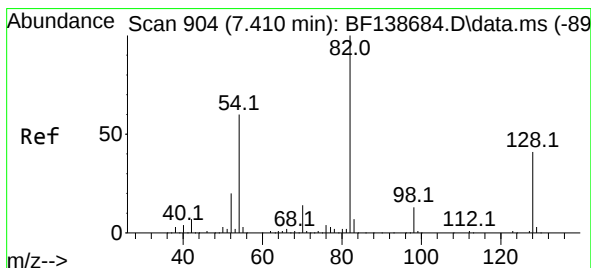
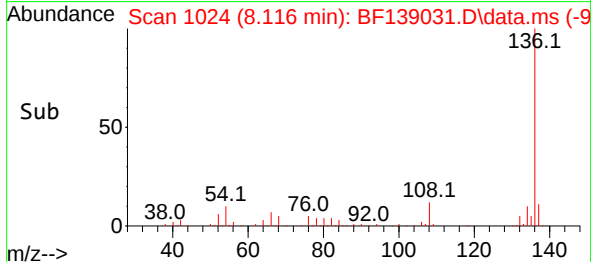
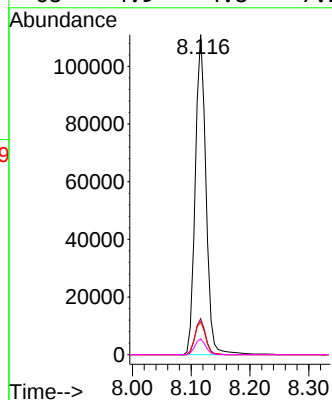
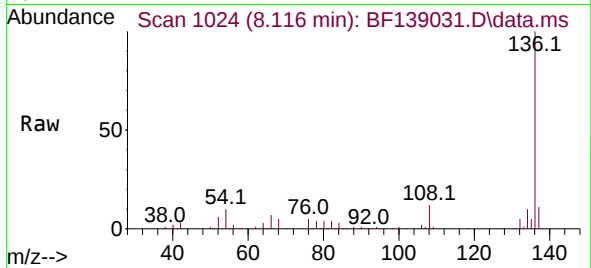




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

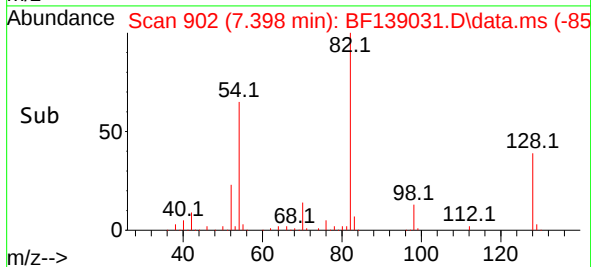
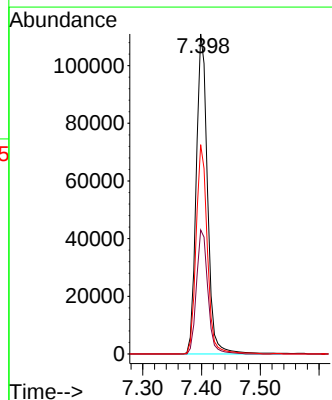
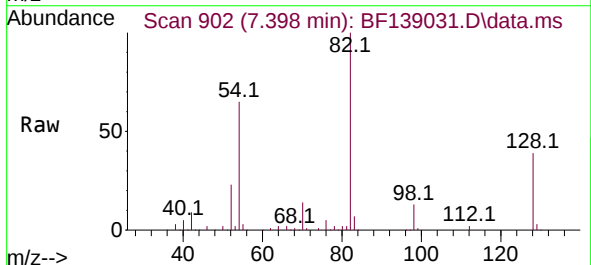
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

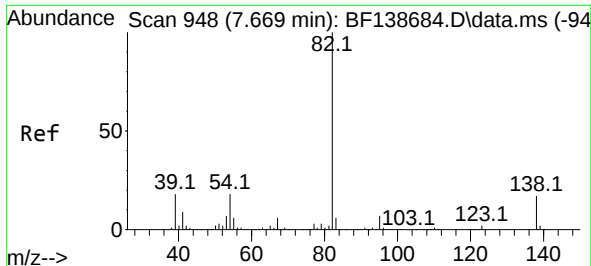
Tgt Ion:	136	Resp:	140620
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	10.3	8.6	12.8
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 51.553 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion:	82	Resp:	148275
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.8	49.2
54	65.4	48.3	72.5

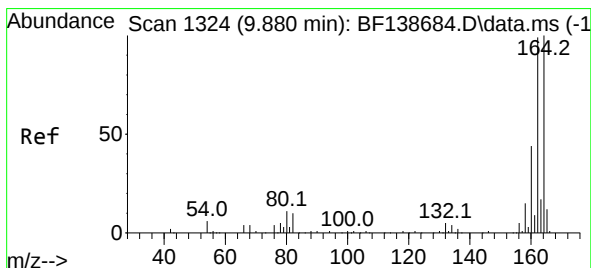
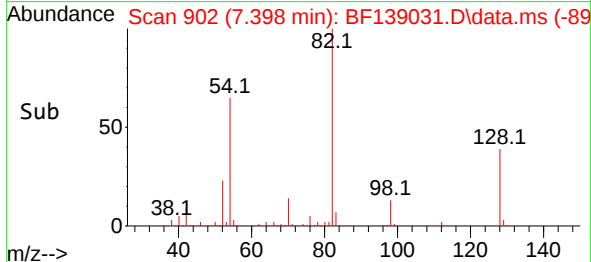
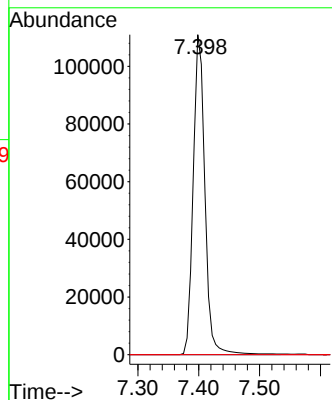
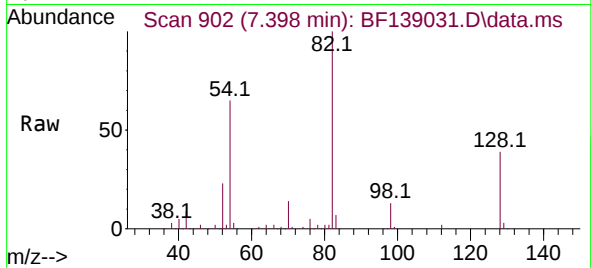




#25
Isophorone
Concen: 30.191 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

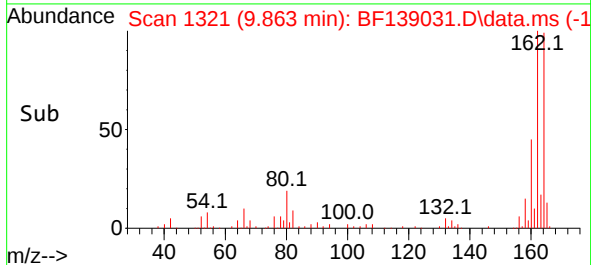
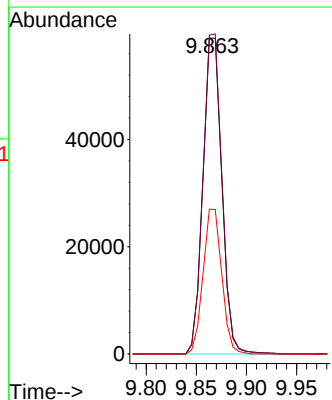
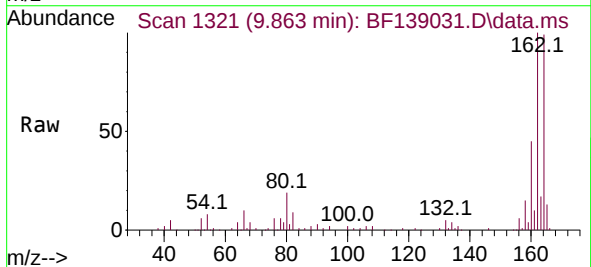
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

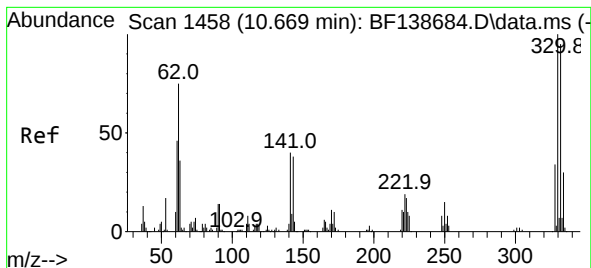
Tgt Ion: 82 Resp: 148274
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

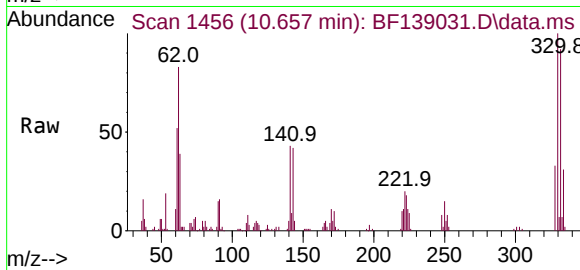
Tgt Ion:164 Resp: 77484
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.8 35.1 52.7



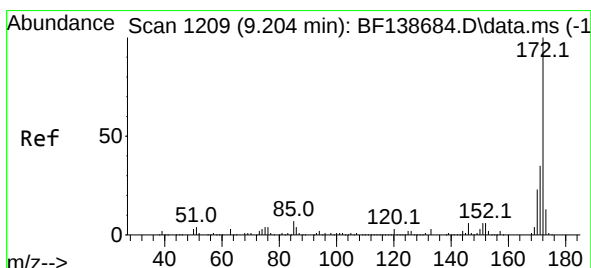
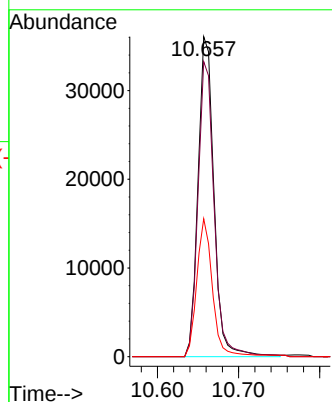
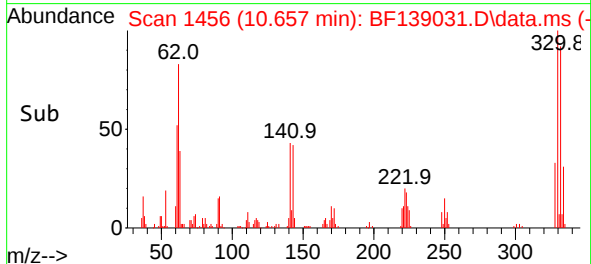


#42
2,4,6-Tribromophenol
Concen: 77.840 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0-0.5-081224

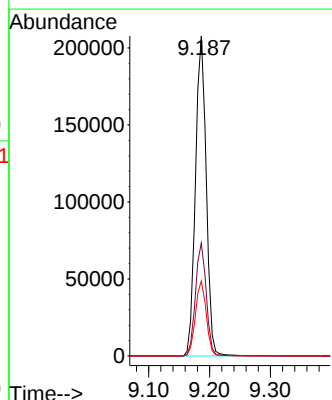
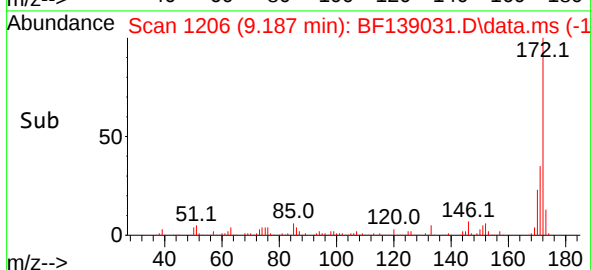
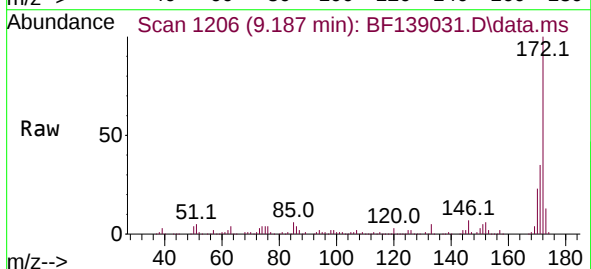


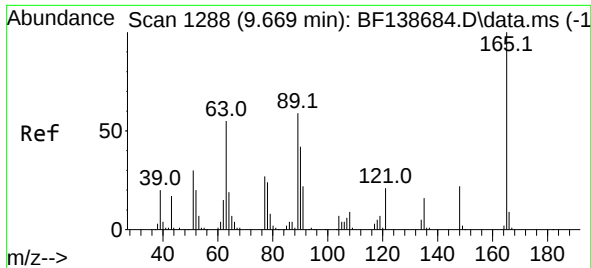
Tgt Ion:330 Resp: 49405
Ion Ratio Lower Upper
330 100
332 93.6 76.4 114.6
141 42.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 49.527 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion:172 Resp: 255412
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.8 28.2

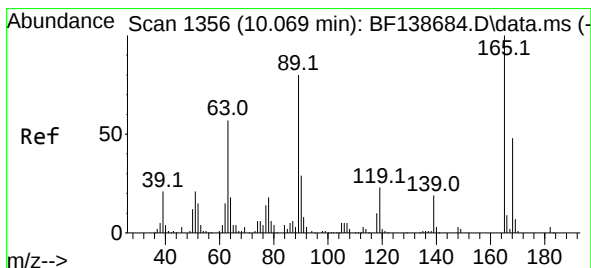
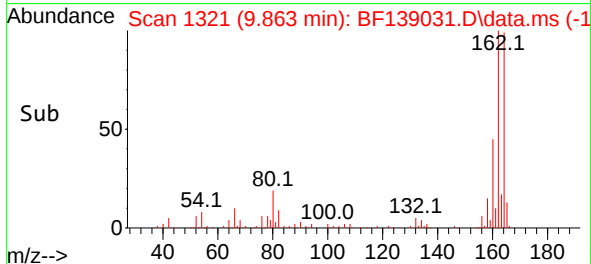
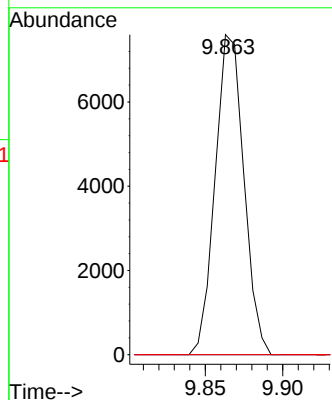
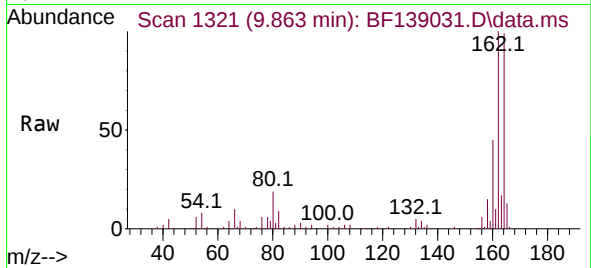




#51
2,6-Dinitrotoluene
Concen: 8.756 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

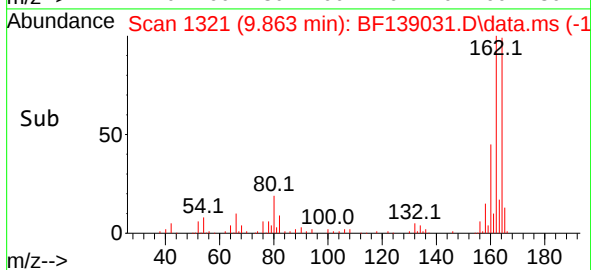
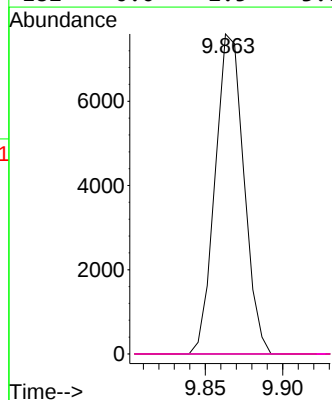
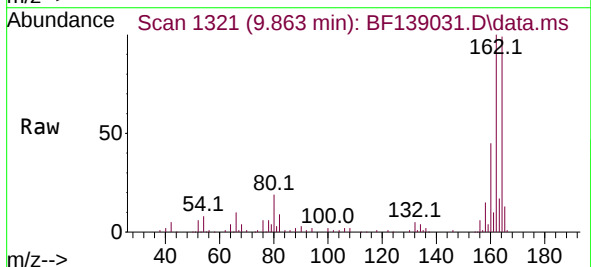
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ClientSampleId :
922-K1-SD-0-0.5-081224

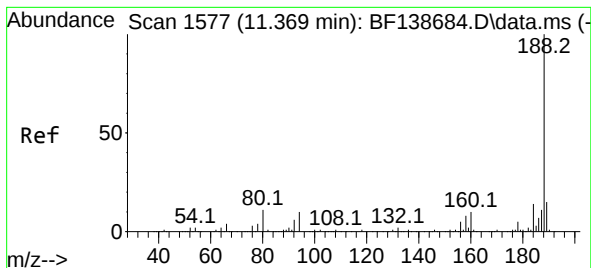
Tgt Ion:165 Resp: 9790
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF139031.D
Acq: 15 Aug 2024 19:41

Tgt Ion:165 Resp: 9790
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0-0.5-081224

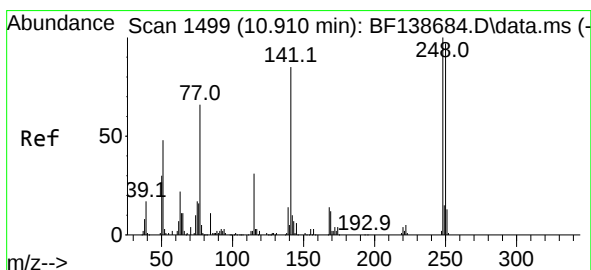
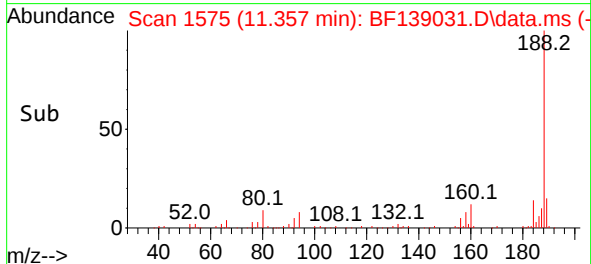
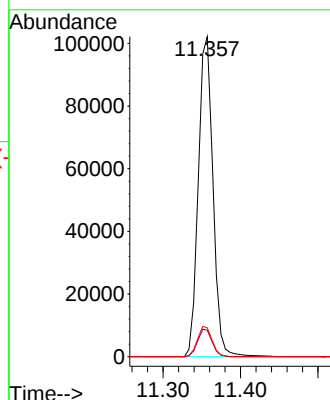
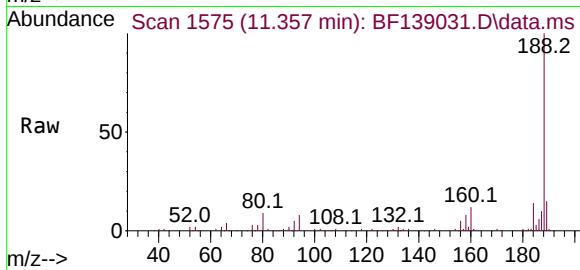
Tgt Ion:188 Resp: 134048

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.400 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

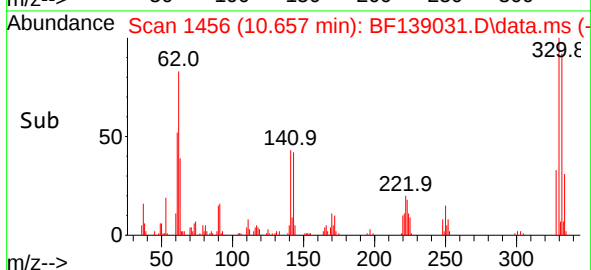
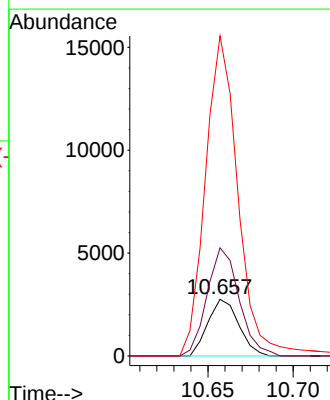
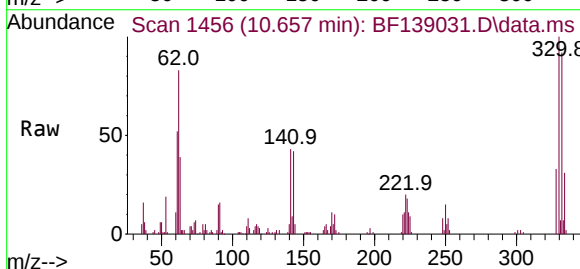
Tgt Ion:248 Resp: 3483

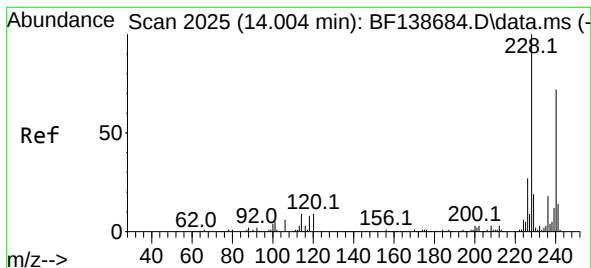
Ion Ratio Lower Upper

248 100

250 190.9 77.7 116.5#

141 564.8 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: BF139031.D

Acq: 15 Aug 2024 19:41

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0-0.5-081224

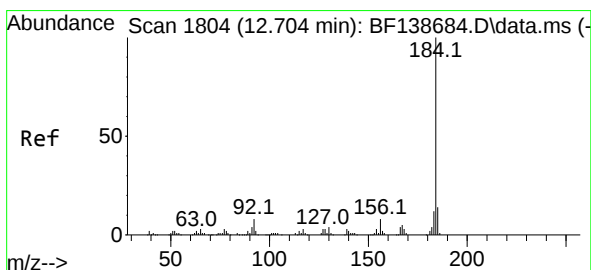
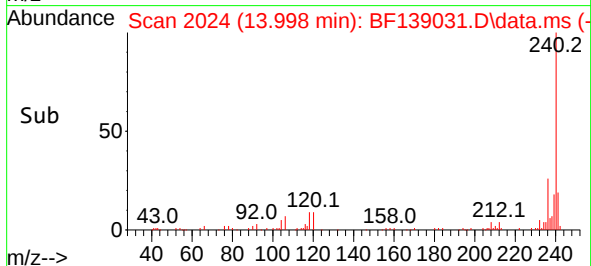
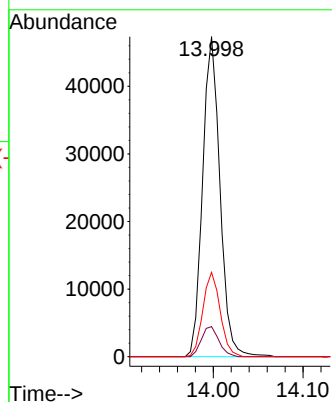
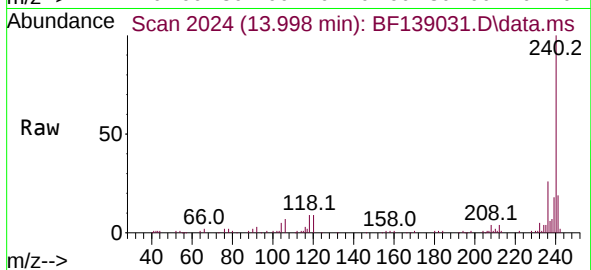
Tgt Ion:240 Resp: 63591

Ion Ratio Lower Upper

240 100

120 9.4 10.2 15.4#

236 26.3 19.8 29.8



#77

Benzdine

Concen: 2.027 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF139031.D

Acq: 15 Aug 2024 19:41

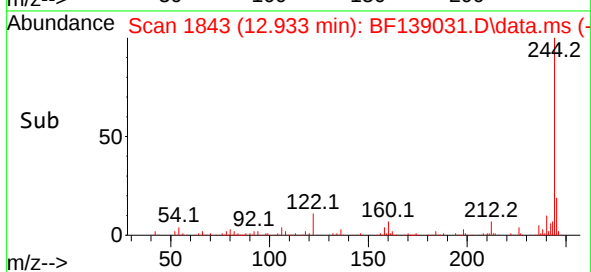
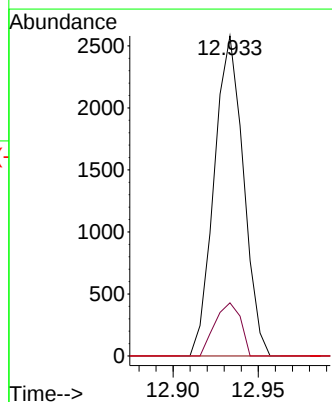
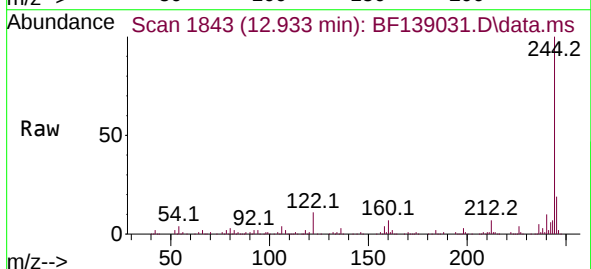
Tgt Ion:184 Resp: 3083

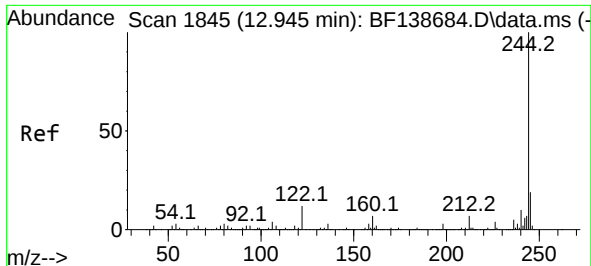
Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

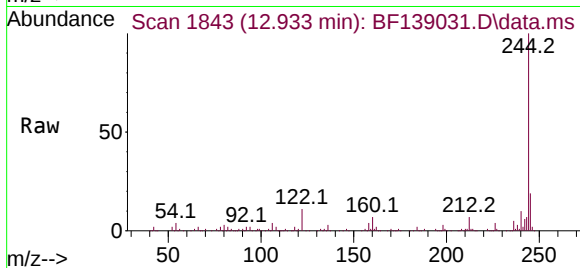
183 0.0 9.6 14.4#





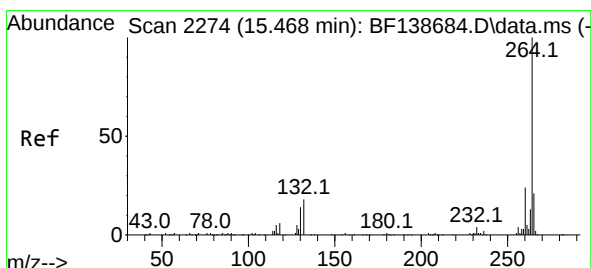
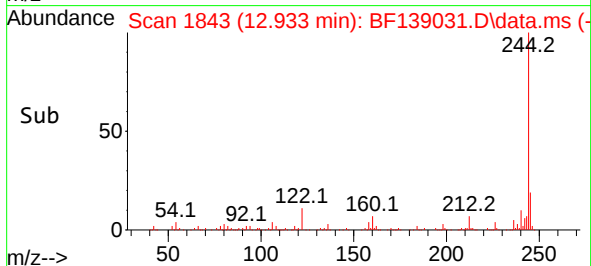
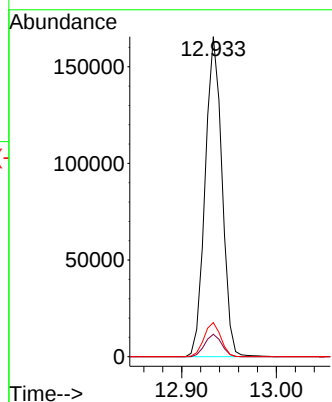
#79
 Terphenyl-d14
 Concen: 53.850 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139031.D
 Acq: 15 Aug 2024 19:41

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0-0.5-081224



Tgt Ion:244 Resp: 204528

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.6	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139031.D
 Acq: 15 Aug 2024 19:41

Tgt Ion:264 Resp: 67654

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.4	17.0	25.6

