

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138935.D
 Acq On : 12 Aug 2024 15:46
 Operator : RC/JU
 Sample : P3512-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

Quant Time: Aug 12 16:11:23 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)

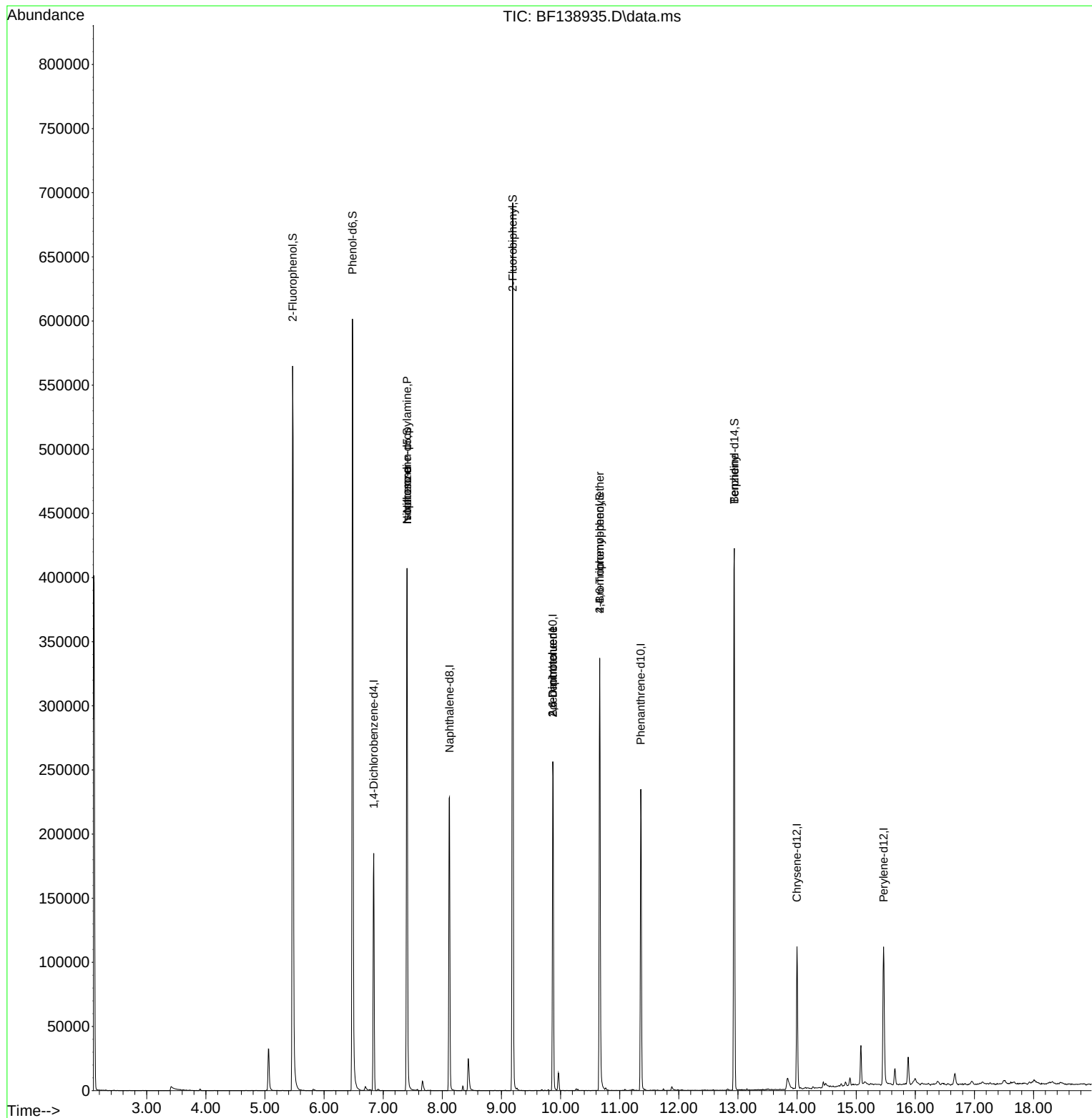
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	34863	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	142468	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	75639	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	122853	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	55982	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	67594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	197159	87.297	ng	0.00
7) Phenol-d6	6.481	99	258915	85.387	ng	0.00
23) Nitrobenzene-d5	7.404	82	169254	58.084	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	50424	81.384	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	288212	57.251	ng	-0.01
79) Terphenyl-d14	12.939	244	202203	60.473	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	22925	12.518	ng	# 80
25) Isophorone	7.404	82	169252	34.015	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10429	9.555	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10429	7.489	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	3385	2.545	ng	# 1
77) Benzidine	12.939	184	2900	2.166	ng	# 80

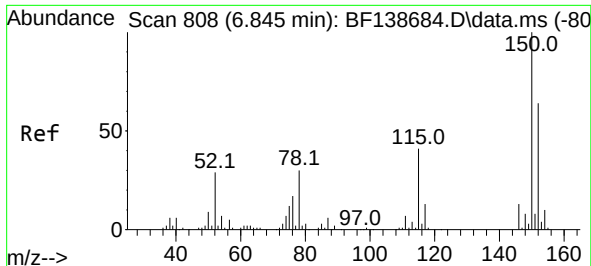
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
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931-K1-SD-0-0.5-080724-FD

Quant Time: Aug 12 16:11:23 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

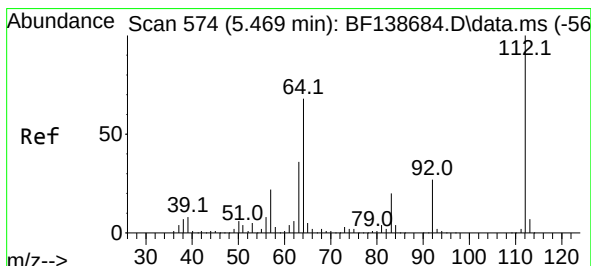
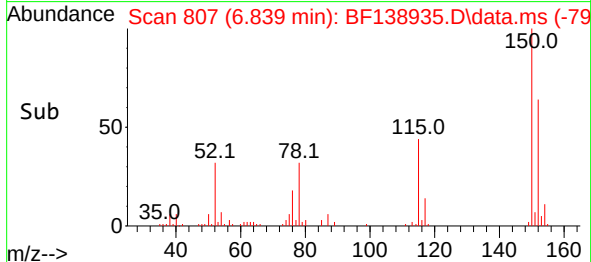
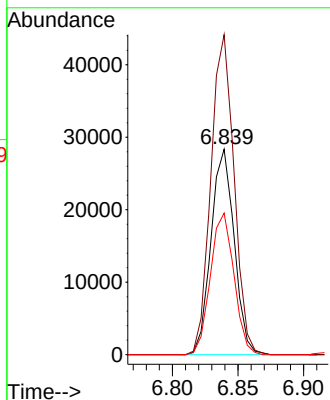
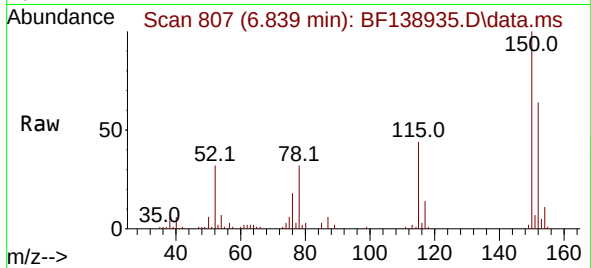




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

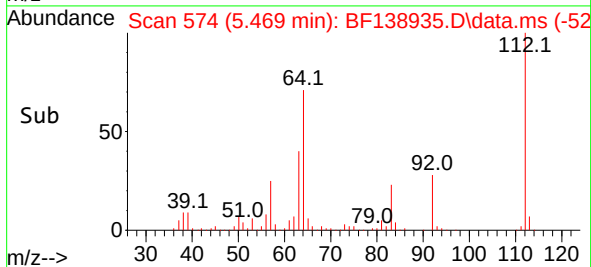
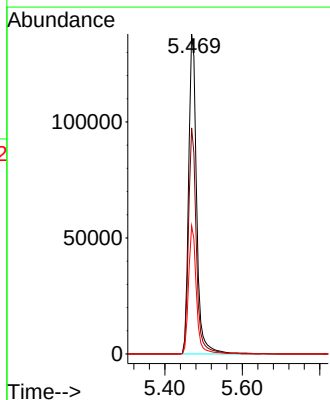
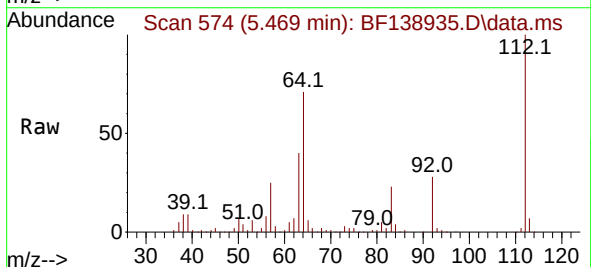
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

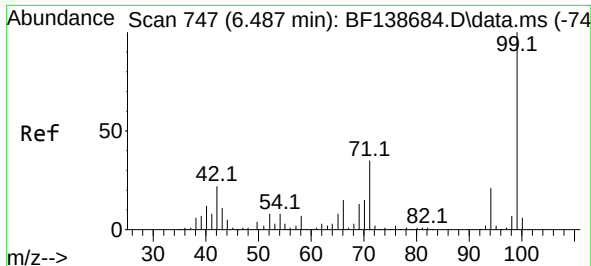
Tgt Ion:152 Resp: 34863
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 68.9 51.7 77.5



#5
2-Fluorophenol
Concen: 87.297 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion:112 Resp: 197159
Ion Ratio Lower Upper
112 100
64 70.6 54.2 81.4
63 40.0 28.7 43.1

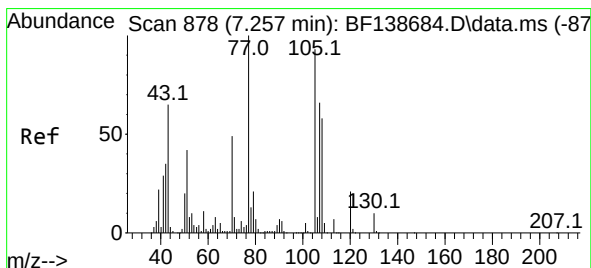
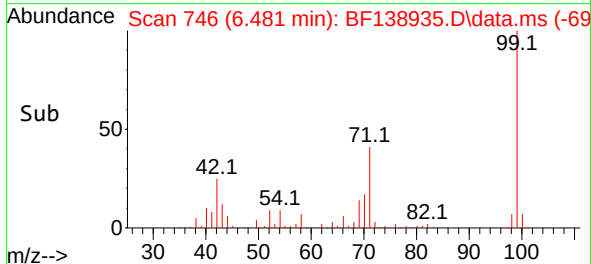
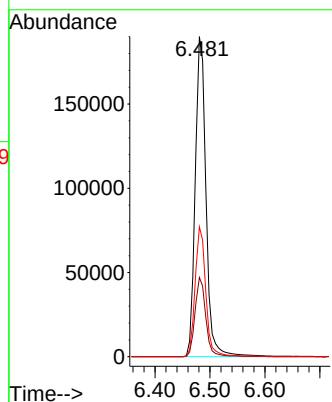
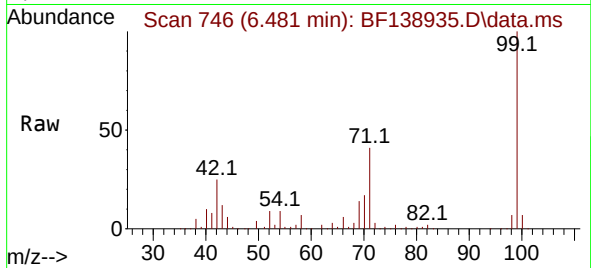




#7
Phenol-d6
Concen: 85.387 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

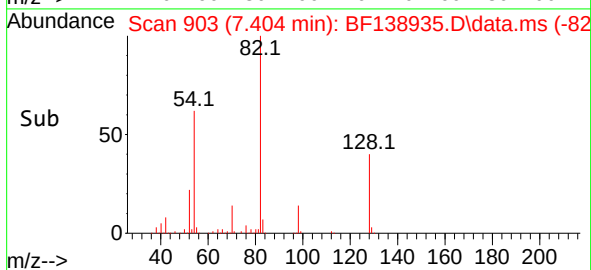
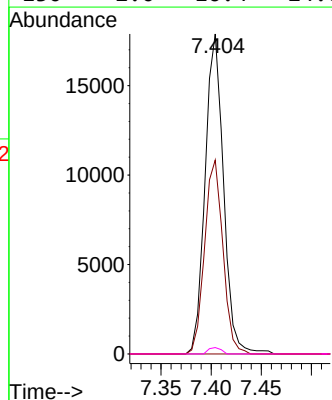
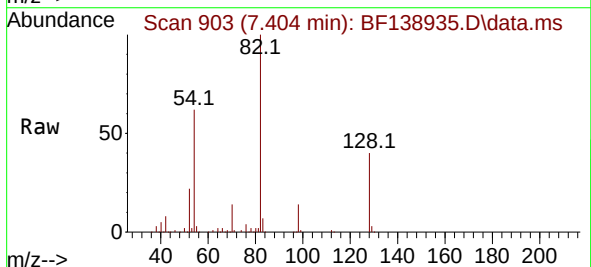
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

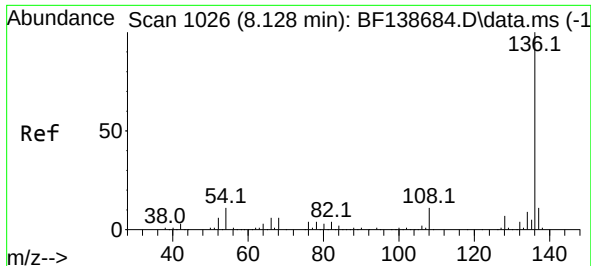
Tgt Ion: 99 Resp: 258915
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.518 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion: 70 Resp: 22925
Ion Ratio Lower Upper
70 100
42 60.6 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

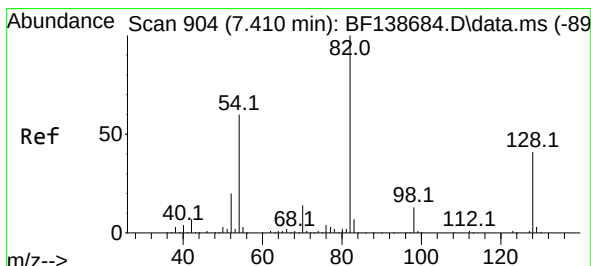
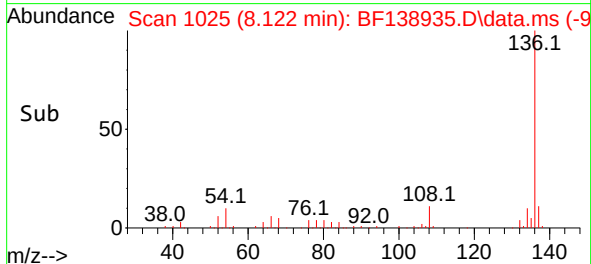
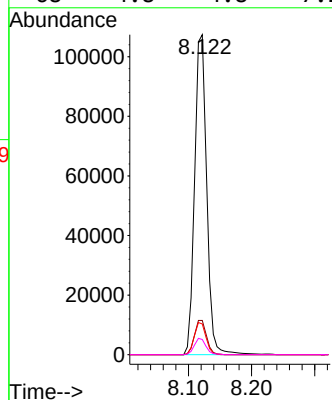
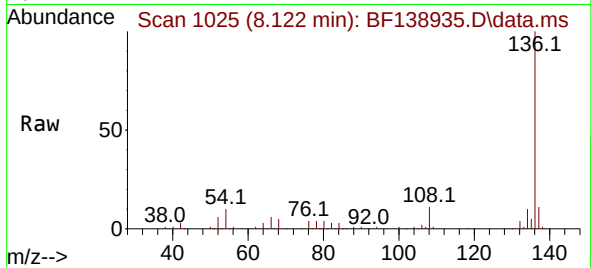




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

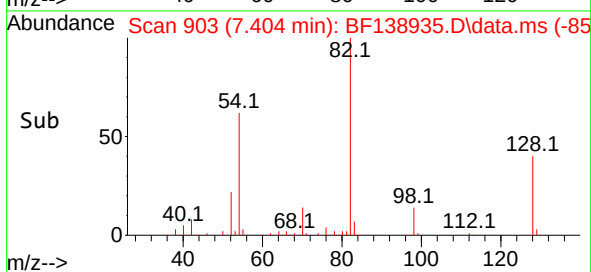
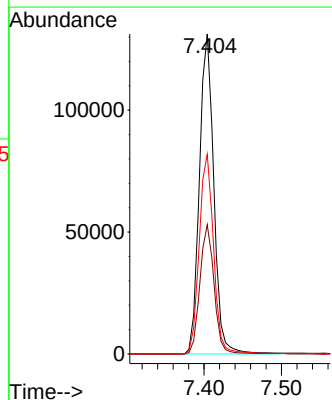
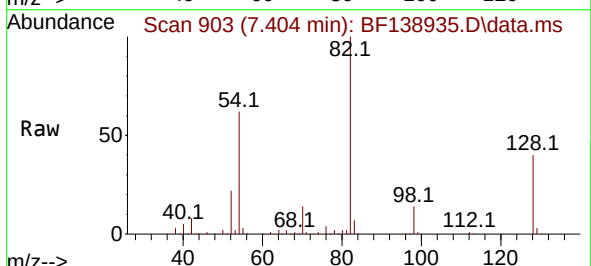
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

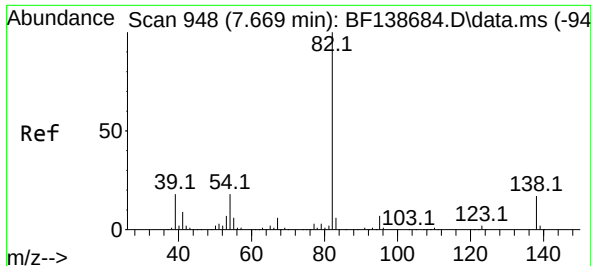
Tgt Ion:	136	Resp:	142468
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.6	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 58.084 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion:	82	Resp:	169254
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.8	49.2
54	62.4	48.3	72.5

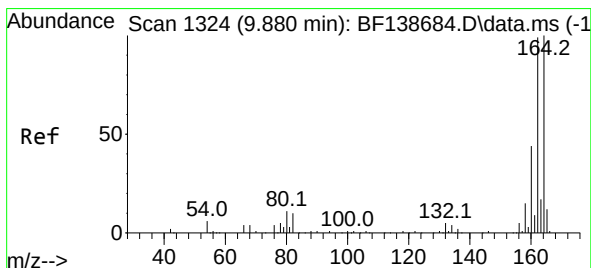
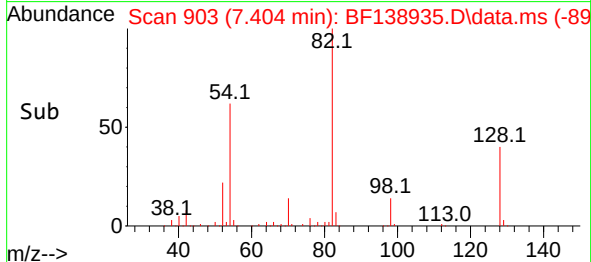
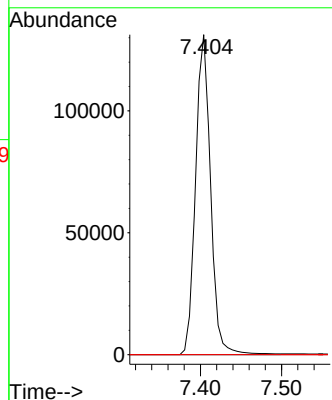
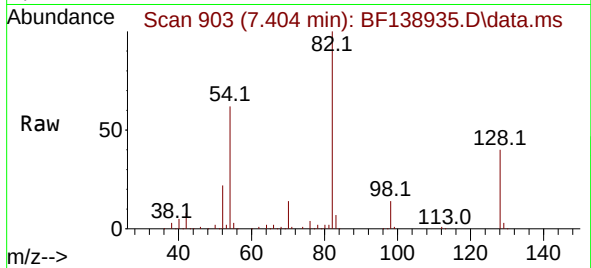




#25
Isophorone
Concen: 34.015 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

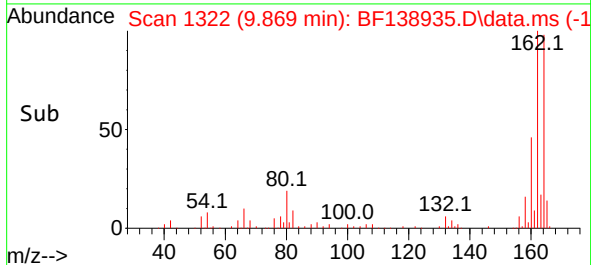
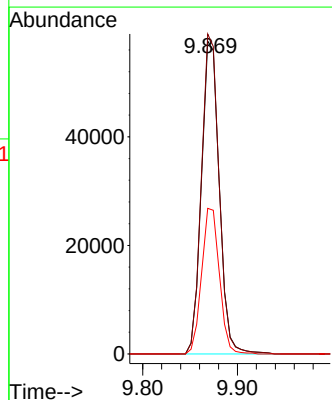
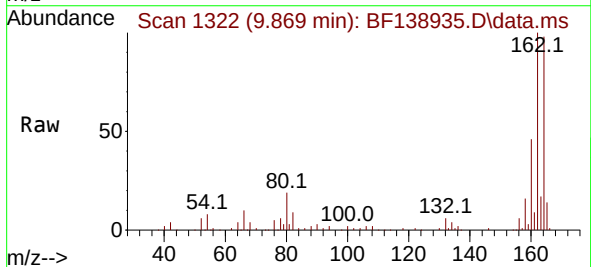
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ClientSampleId :
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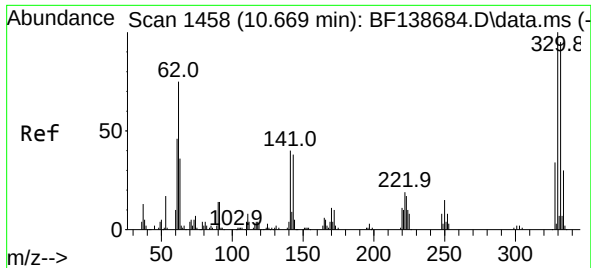
Tgt Ion: 82 Resp: 169252
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion:164 Resp: 75639
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 46.6 35.1 52.7

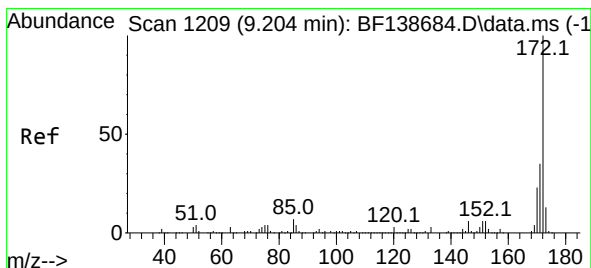
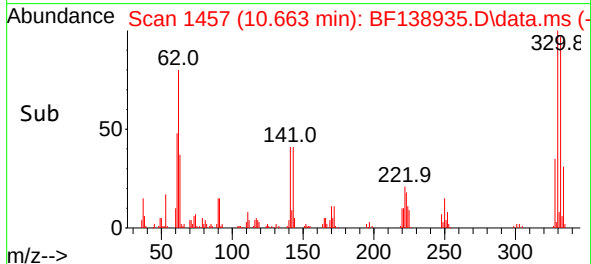
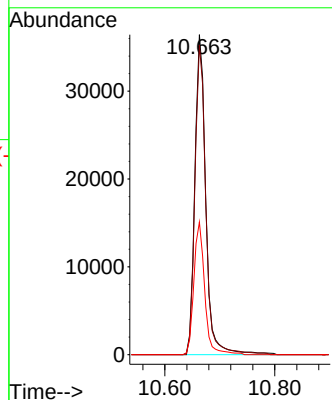
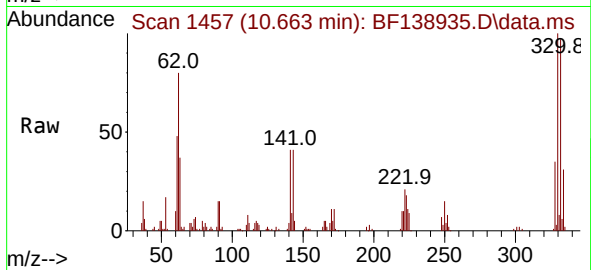




#42
2,4,6-Tribromophenol
Concen: 81.384 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

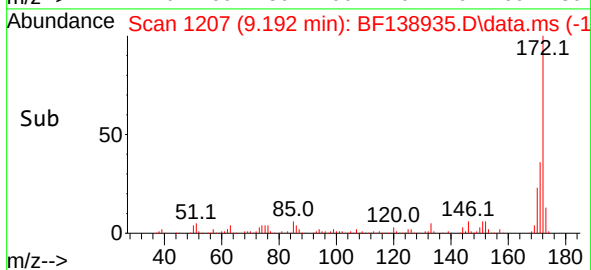
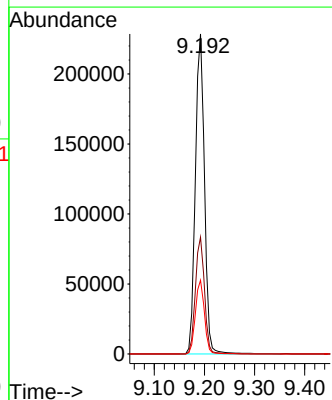
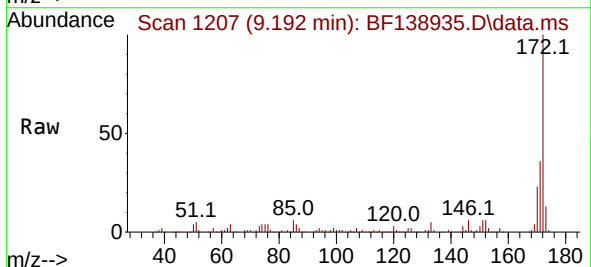
Instrument :
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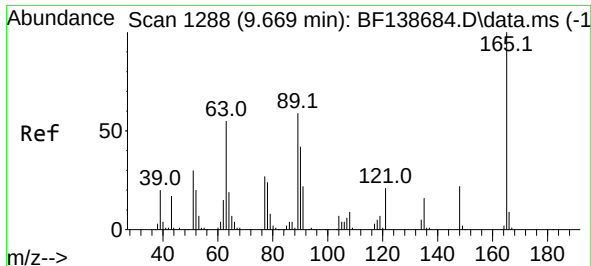
Tgt Ion: 330 Resp: 50424
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 41.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 57.251 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion: 172 Resp: 288212
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 23.0 18.8 28.2

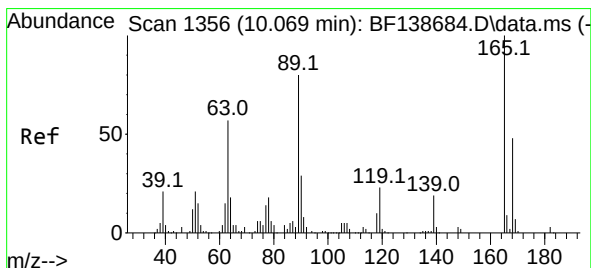
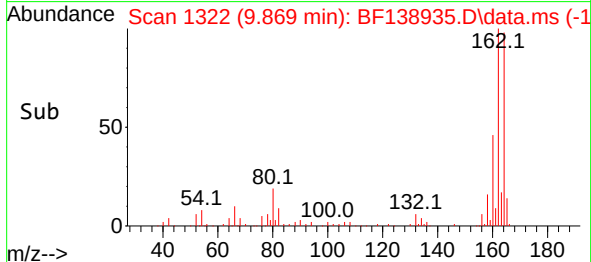
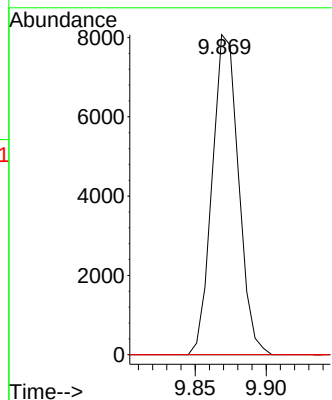
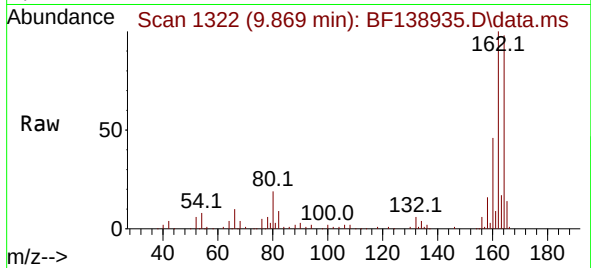




#51
2,6-Dinitrotoluene
Concen: 9.555 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

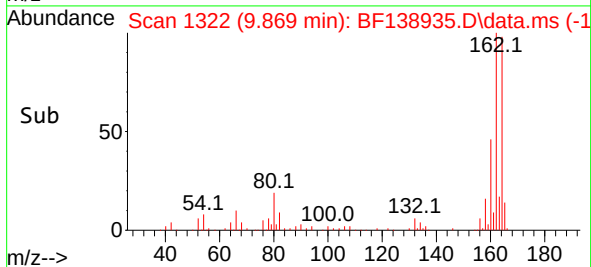
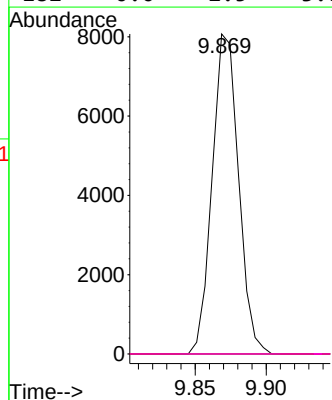
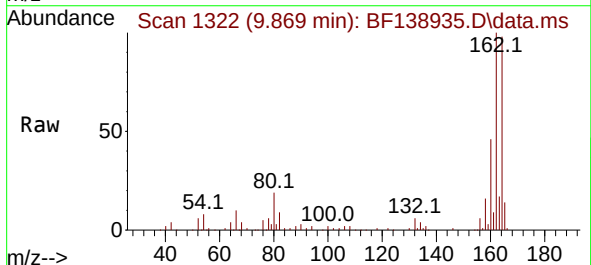
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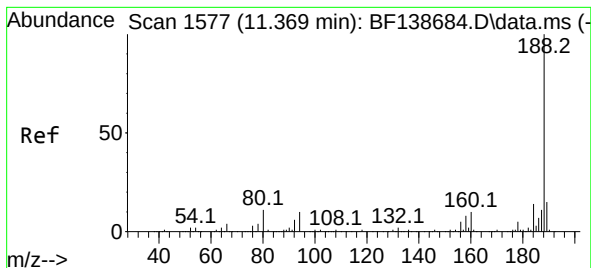
Tgt Ion:165 Resp: 10429
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.489 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138935.D
Acq: 12 Aug 2024 15:46

Tgt Ion:165 Resp: 10429
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: BF138935.D

Acq: 12 Aug 2024 15:46

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724-FD

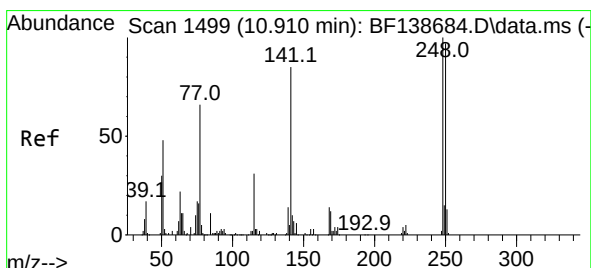
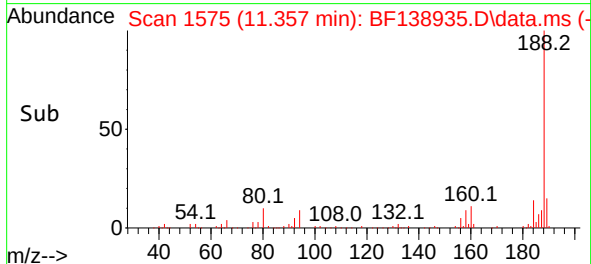
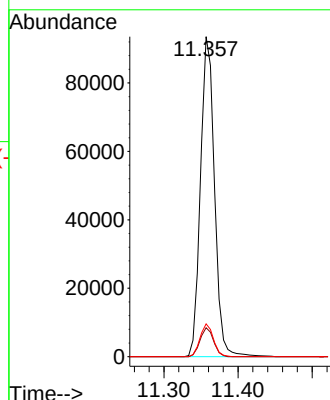
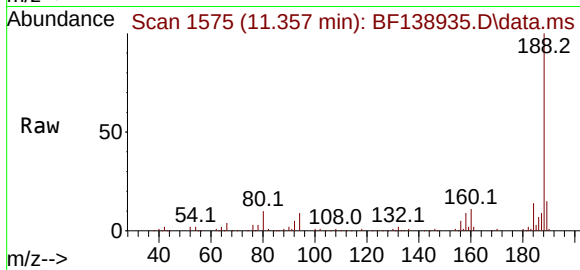
Tgt Ion:188 Resp: 122853

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.545 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138935.D

Acq: 12 Aug 2024 15:46

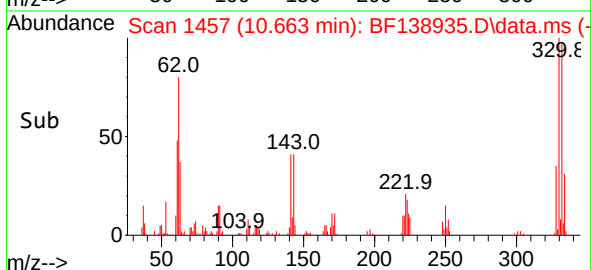
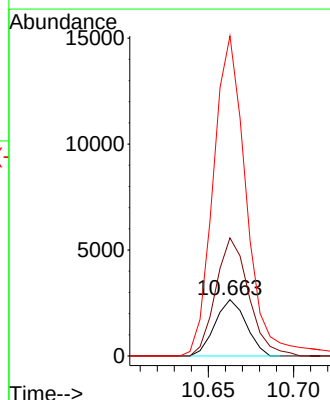
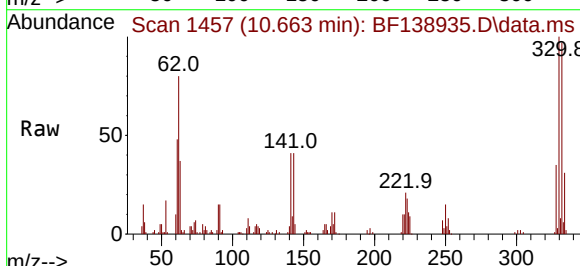
Tgt Ion:248 Resp: 3385

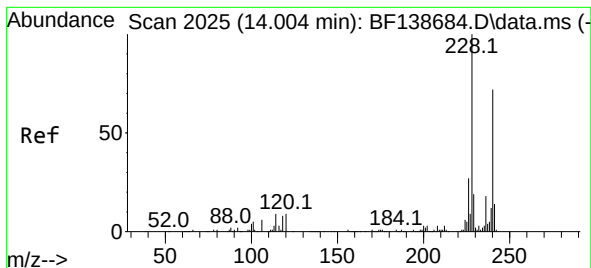
Ion Ratio Lower Upper

248 100

250 209.8 77.7 116.5#

141 568.4 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: BF138935.D

Acq: 12 Aug 2024 15:46

Instrument :

BNA_F

ClientSampleId :

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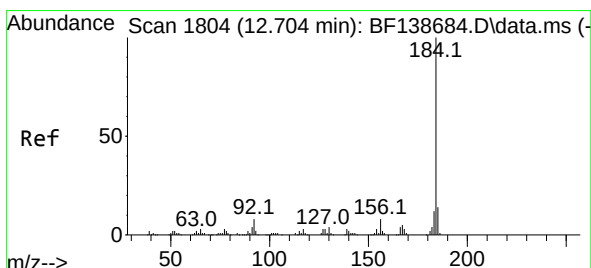
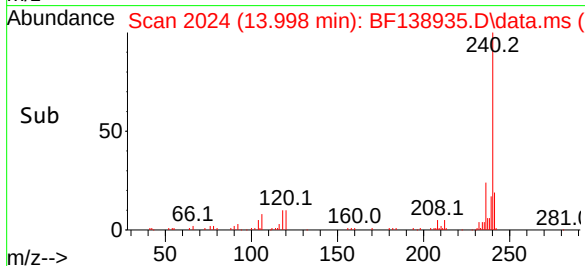
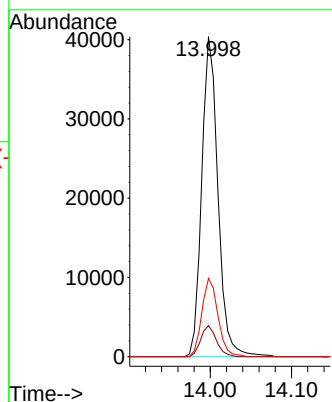
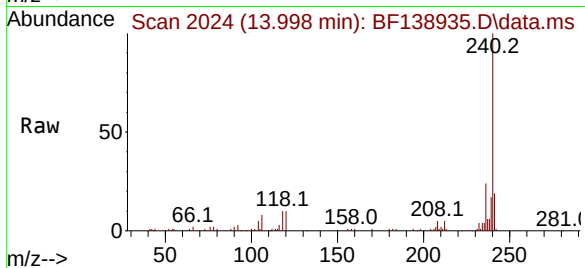
Tgt Ion:240 Resp: 55982

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 24.5 19.8 29.8



#77

Benzidine

Concen: 2.166 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138935.D

Acq: 12 Aug 2024 15:46

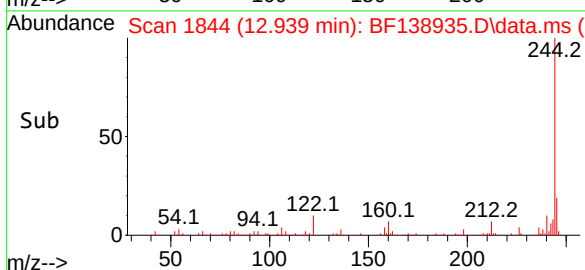
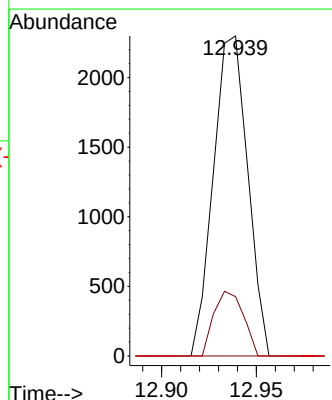
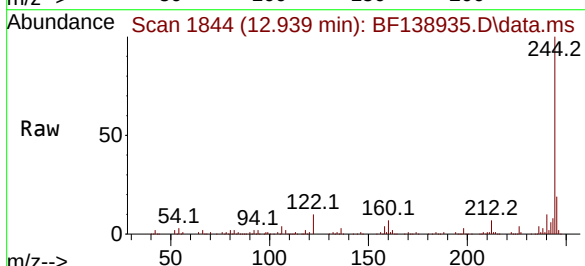
Tgt Ion:184 Resp: 2900

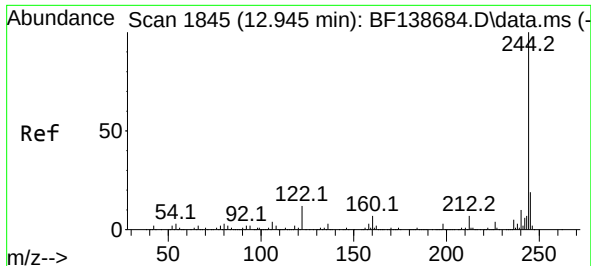
Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

183 0.0 9.6 14.4#

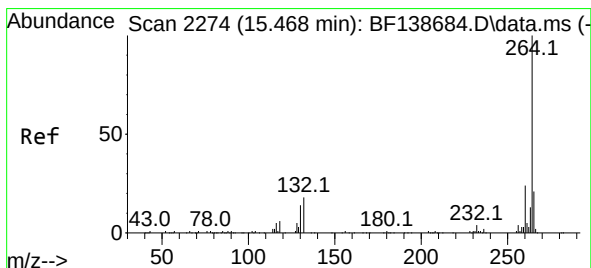
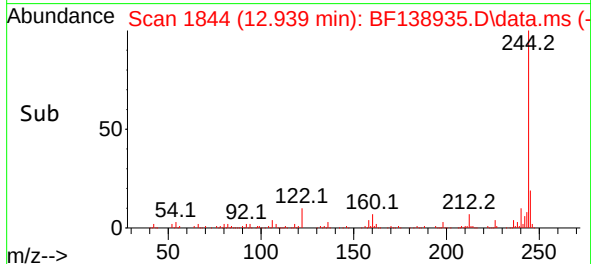
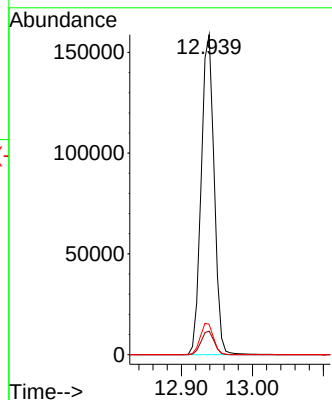
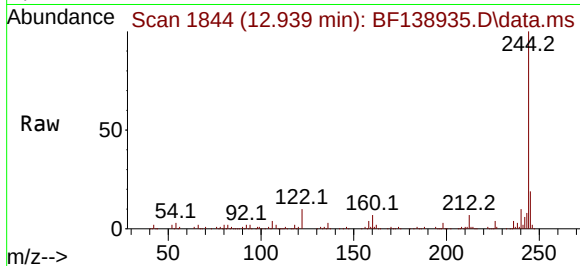




#79
 Terphenyl-d14
 Concen: 60.473 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138935.D
 Acq: 12 Aug 2024 15:46

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

Tgt Ion:244 Resp: 202203
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.5 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: BF138935.D
 Acq: 12 Aug 2024 15:46

Tgt Ion:264 Resp: 67594
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 22.3 17.0 25.6

