

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138733.D
 Acq On : 01 Aug 2024 19:38
 Operator : RC/JU
 Sample : P3402-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Quant Time: Aug 02 04:02:45 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)

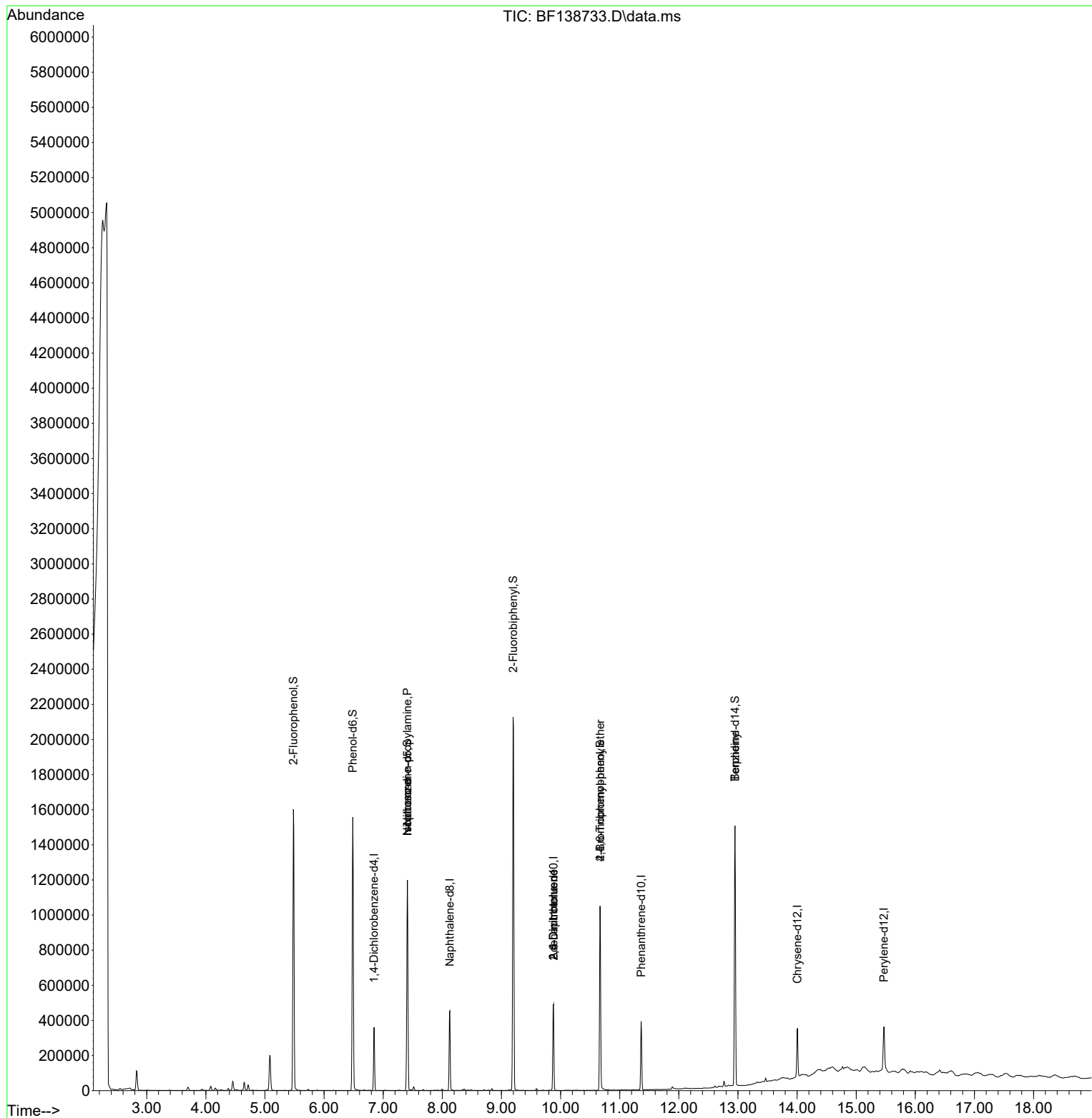
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	67870	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	278816	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	144829	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	191394	20.000	ng	0.00
76) Chrysene-d12	14.004	240	120931	20.000	ng	0.00
86) Perylene-d12	15.468	264	130013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	552099	125.571	ng	0.01
7) Phenol-d6	6.486	99	716709	121.413	ng	0.00
23) Nitrobenzene-d5	7.410	82	532430	93.363	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	156021	131.514	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	926586	96.127	ng	0.00
79) Terphenyl-d14	12.951	244	683391	94.614	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	73165	20.521	ng	# 73
25) Isophorone	7.410	82	528472	54.271	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	18690	8.943	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	18690	7.009	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	11531	5.565	ng	# 1
77) Benzidine	12.951	184	9470	3.274	ng	# 91

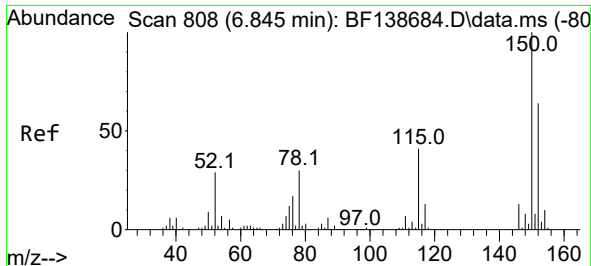
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138733.D
Acq On : 01 Aug 2024 19:38
Operator : RC/JU
Sample : P3402-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Time: Aug 02 04:02:45 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

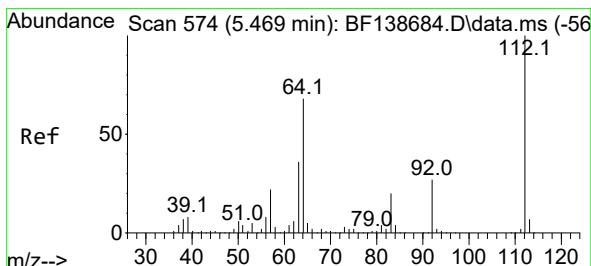
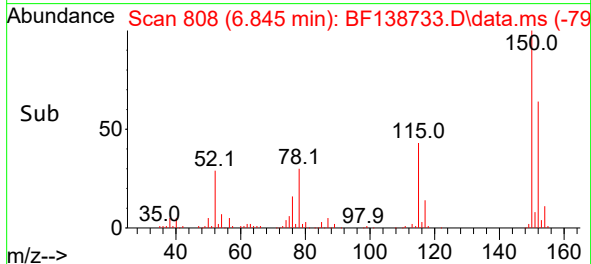
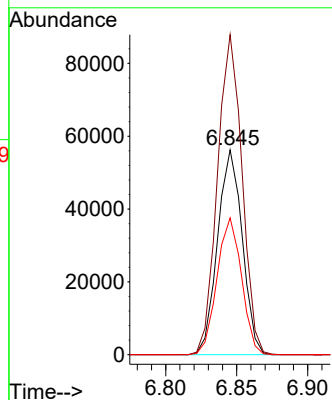
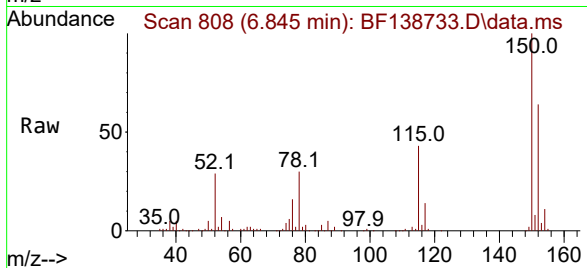




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

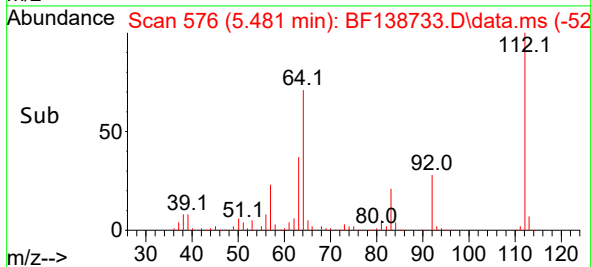
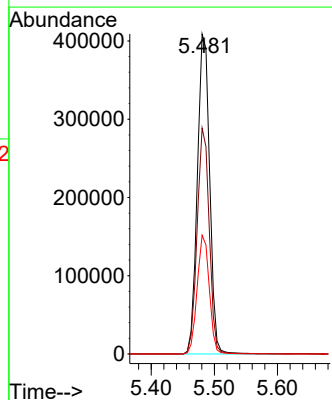
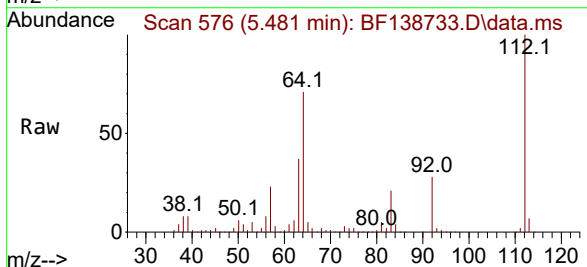
Instrument :
BNA_F
ClientSampleId :
VNJ-222

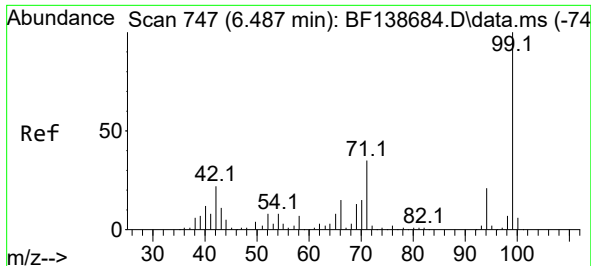
Tgt Ion:152 Resp: 67870
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 125.571 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:112 Resp: 552099
Ion Ratio Lower Upper
112 100
64 70.6 54.2 81.4
63 37.1 28.7 43.1

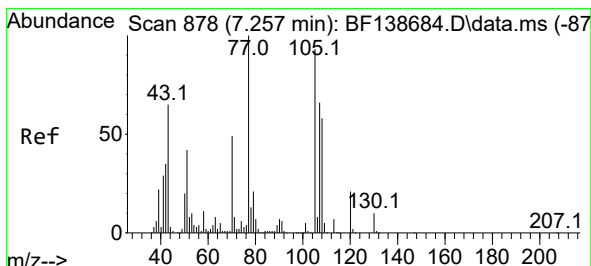
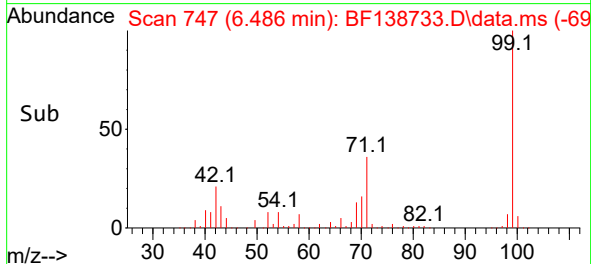
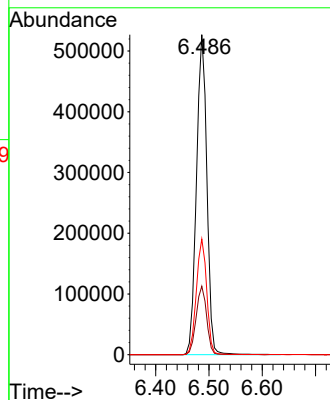
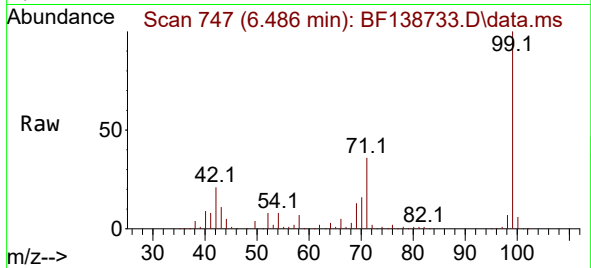




#7
Phenol-d6
Concen: 121.413 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

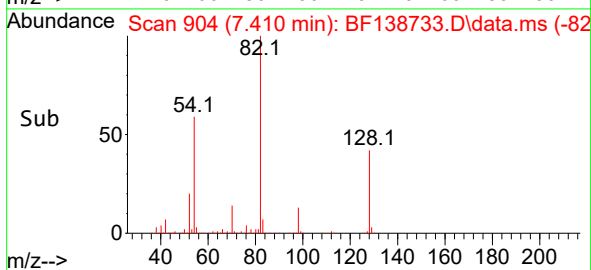
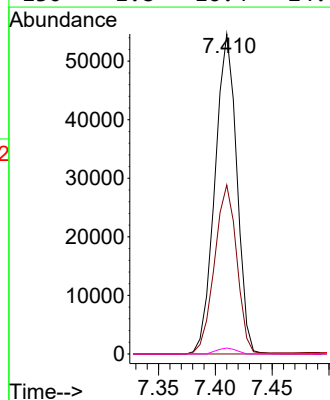
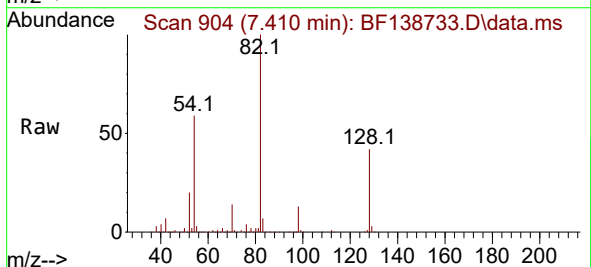
Instrument :
BNA_F
ClientSampleId :
VNJ-222

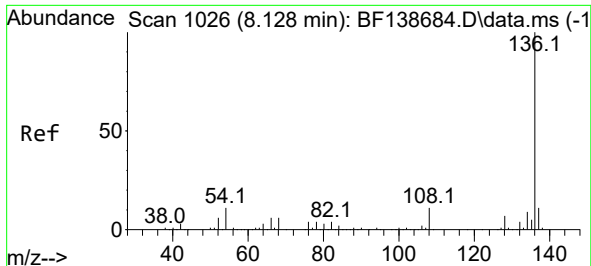
Tgt Ion: 99 Resp: 716709
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.0
71 36.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.521 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion: 70 Resp: 73165
Ion Ratio Lower Upper
70 100
42 52.8 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

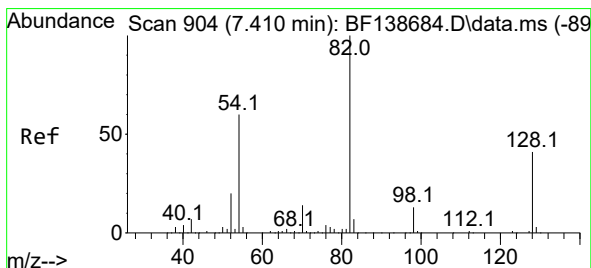
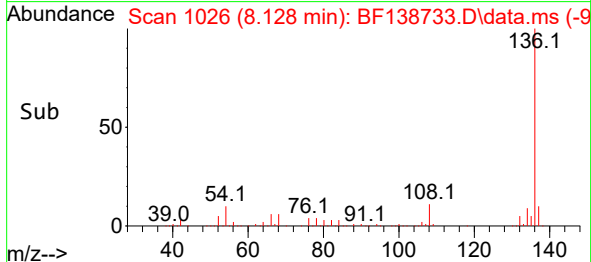
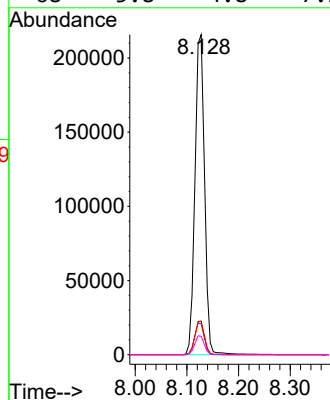
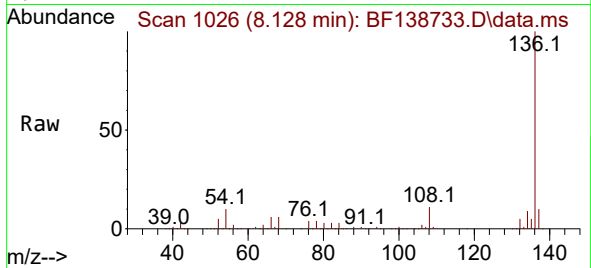




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

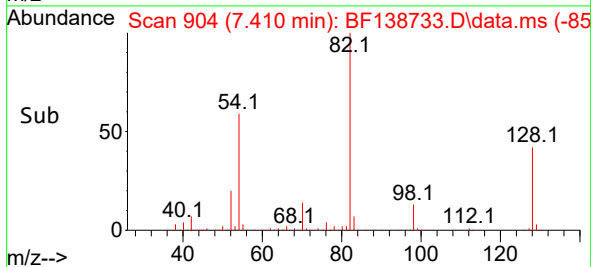
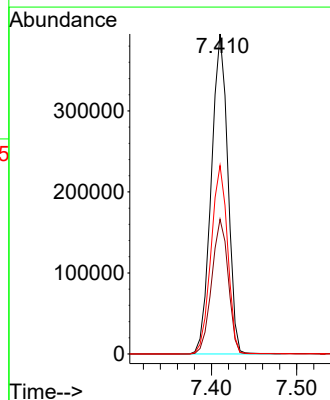
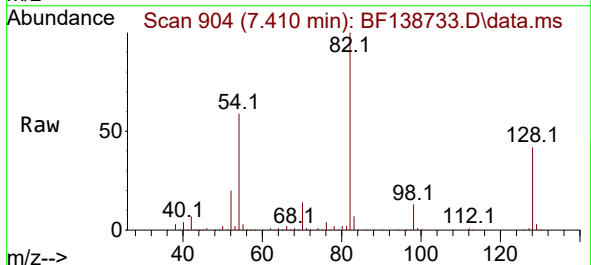
Instrument :
BNA_F
ClientSampleId :
VNJ-222

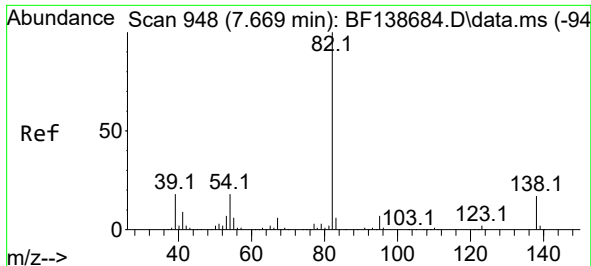
Tgt Ion:	136	Resp:	278816
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	9.6	8.6	12.8
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 93.363 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:	82	Resp:	532430
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.8	49.2
54	58.9	48.3	72.5

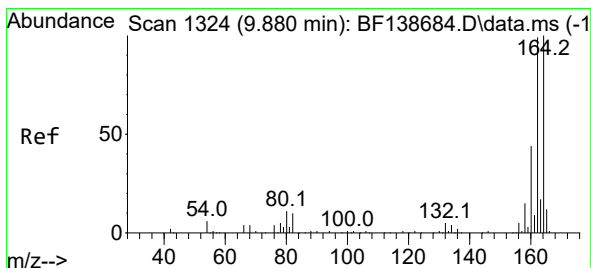
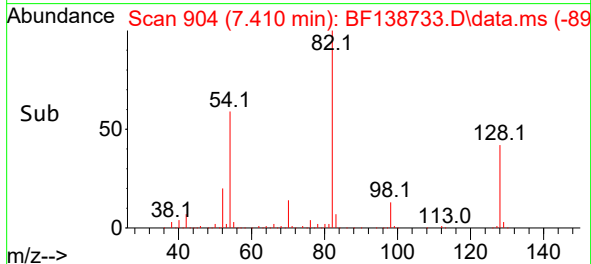
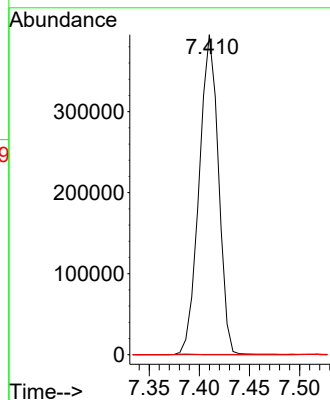
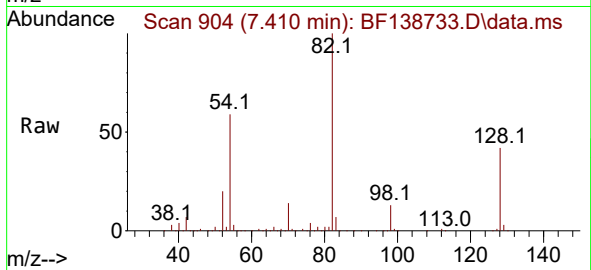




#25
Isophorone
Concen: 54.271 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

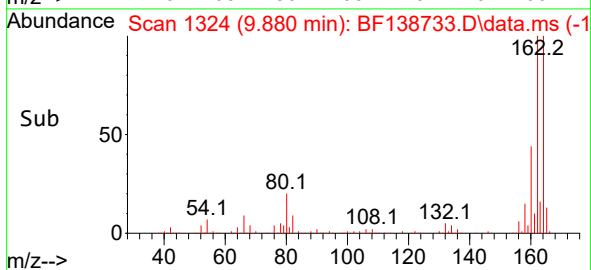
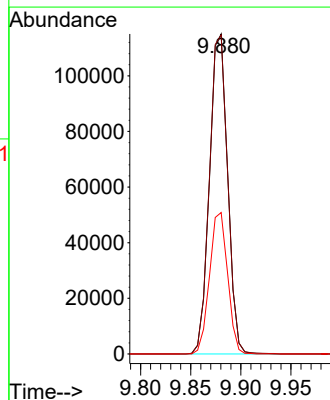
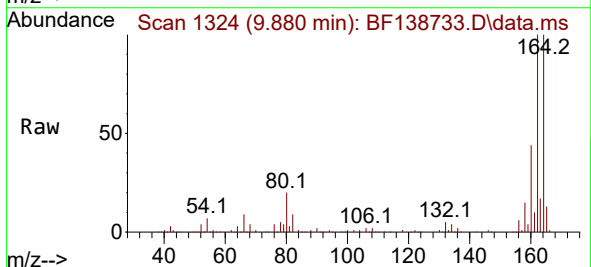
Instrument :
BNA_F
ClientSampleId :
VNJ-222

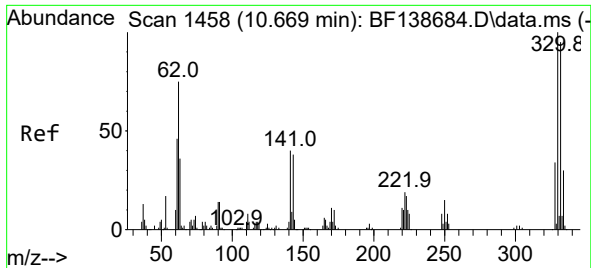
Tgt Ion: 82 Resp: 528472
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion: 164 Resp: 144829
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.2 35.1 52.7

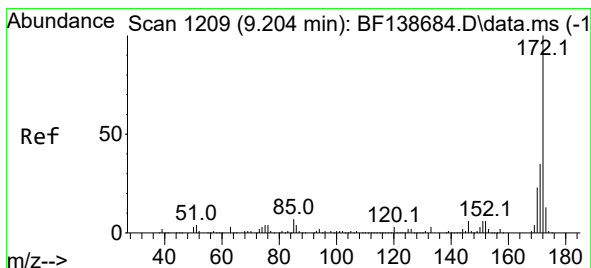
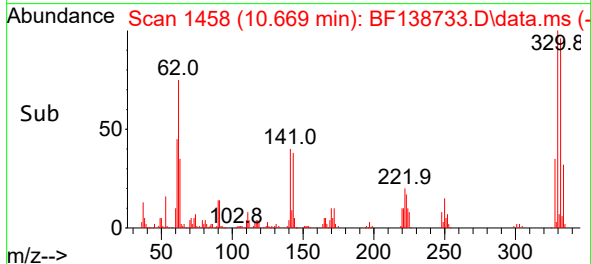
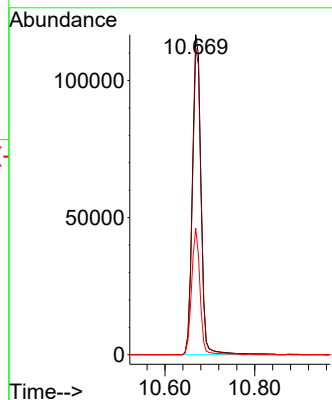
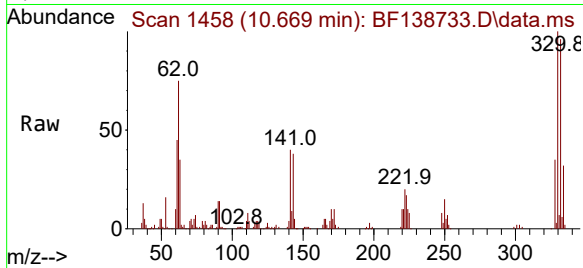




#42
2,4,6-Tribromophenol
Concen: 131.514 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

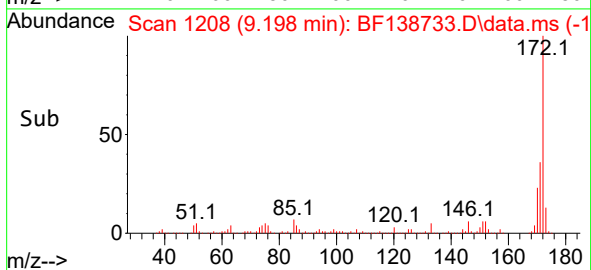
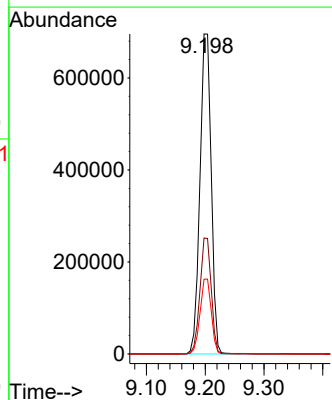
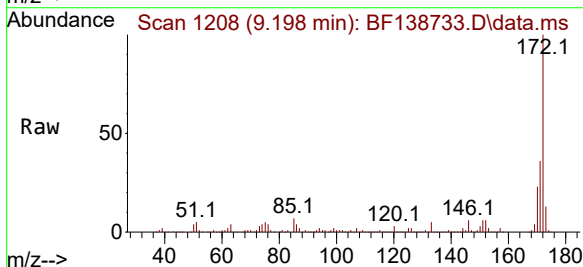
Instrument :
BNA_F
ClientSampleId :
VNJ-222

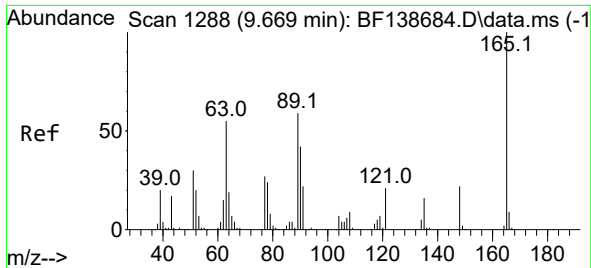
Tgt Ion:330 Resp: 156021
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 38.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.127 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:172 Resp: 926586
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.3 18.8 28.2

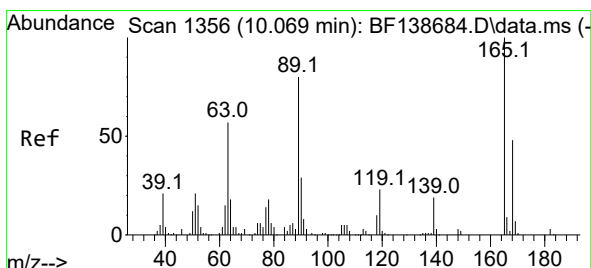
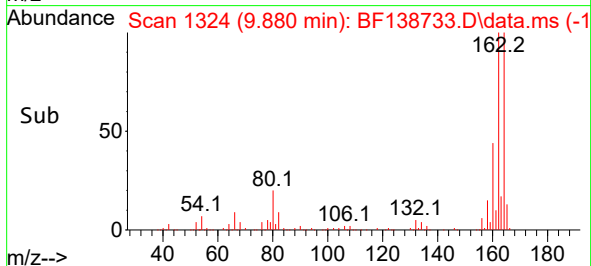
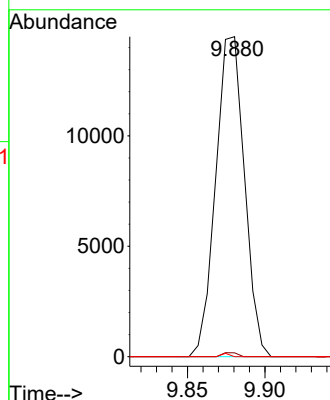
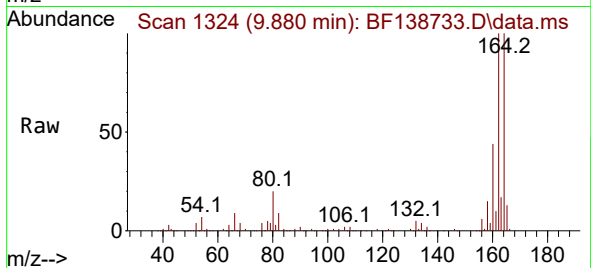




#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

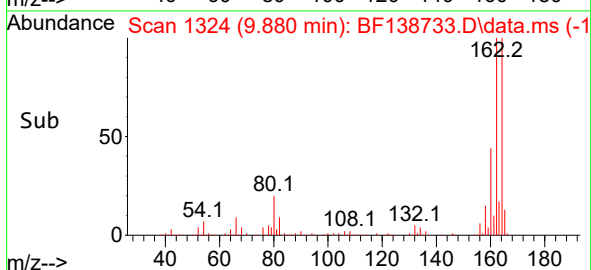
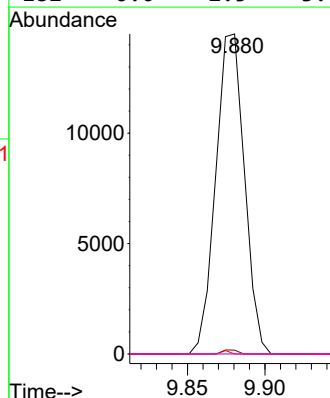
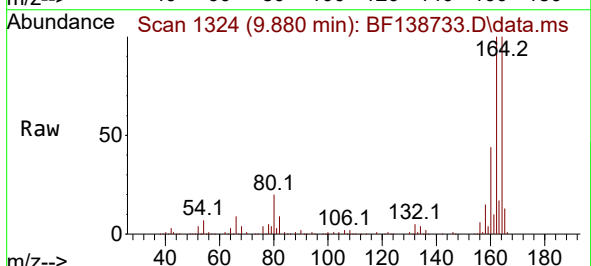
Instrument :
BNA_F
ClientSampleId :
VNJ-222

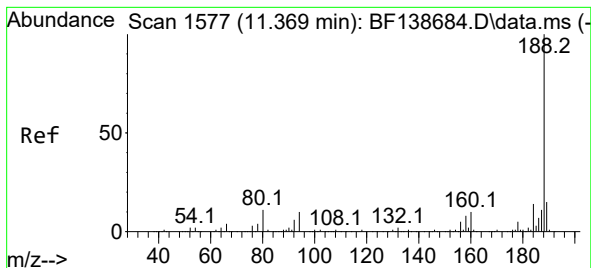
Tgt Ion:165 Resp: 18690
Ion Ratio Lower Upper
165 100
63 1.2 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.009 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:165 Resp: 18690
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Instrument :

BNA_F

ClientSampleId :

VNJ-222

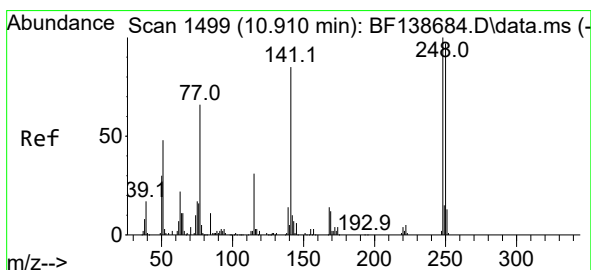
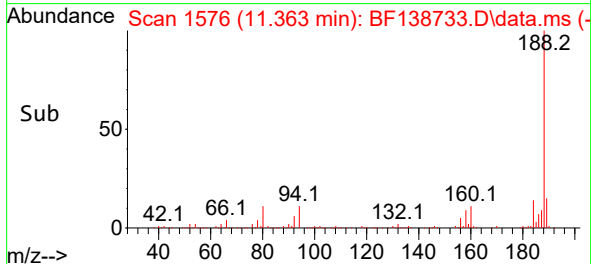
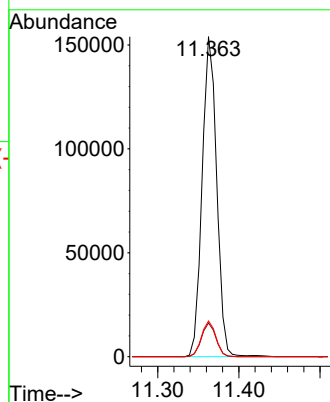
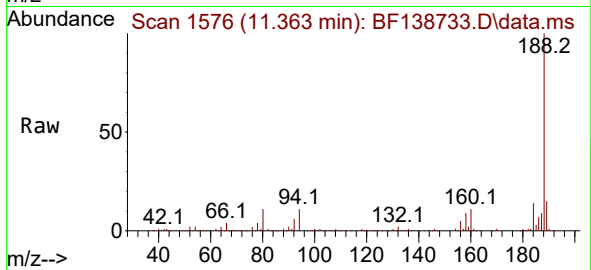
Tgt Ion:188 Resp: 191394

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

80 11.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.565 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

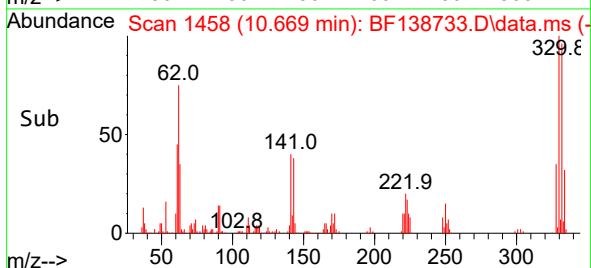
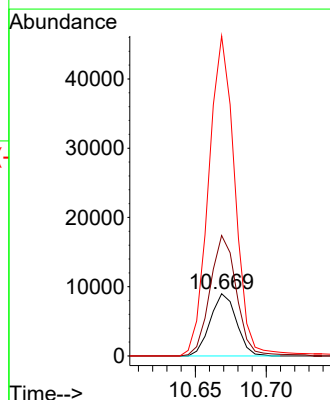
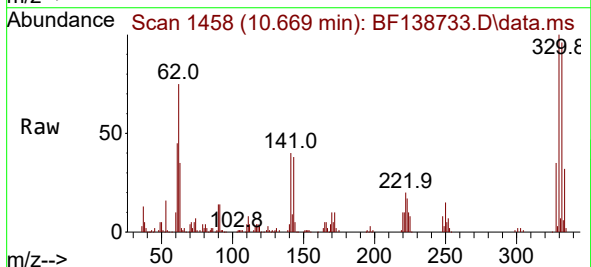
Tgt Ion:248 Resp: 11531

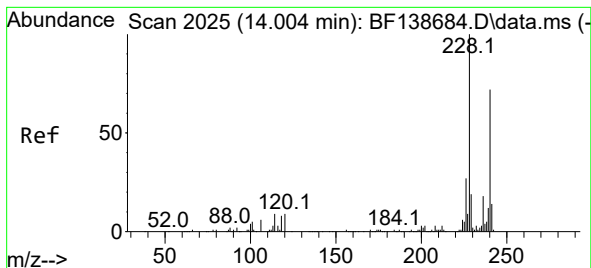
Ion Ratio Lower Upper

248 100

250 193.7 77.7 116.5#

141 514.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Instrument :

BNA_F

ClientSampleId :

VNJ-222

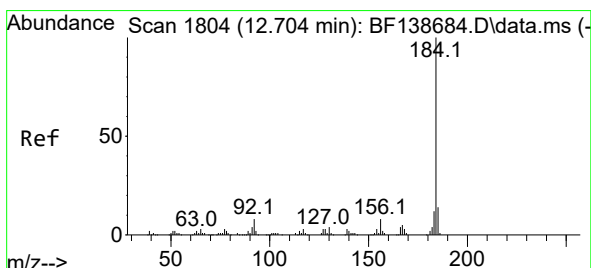
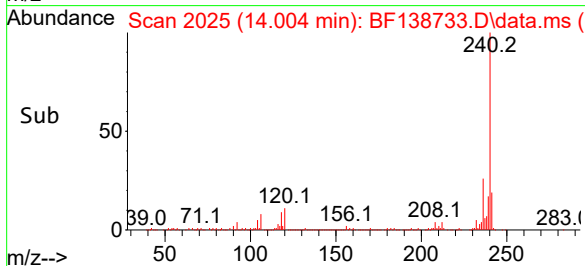
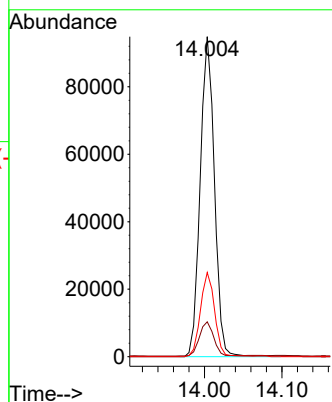
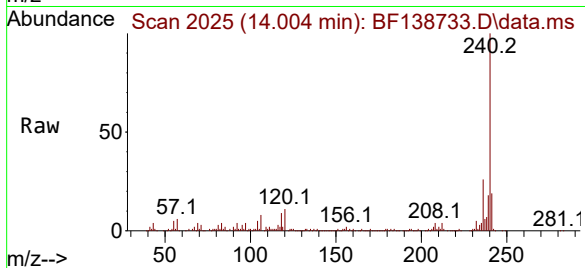
Tgt Ion:240 Resp: 120931

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

236 26.3 19.8 29.8



#77

Benzidine

Concen: 3.274 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

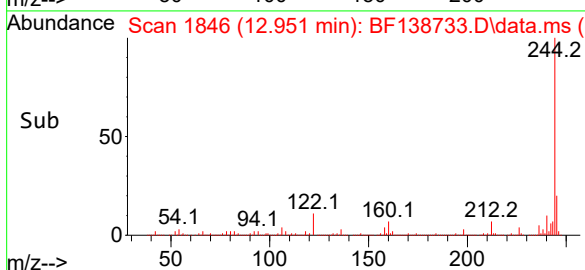
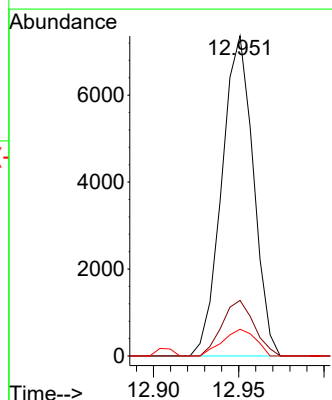
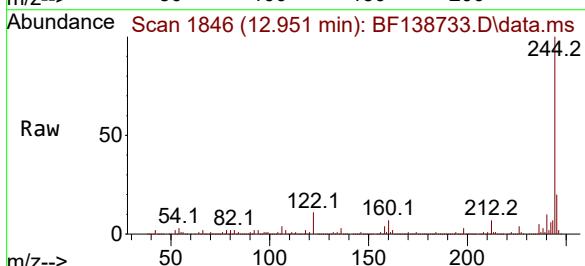
Tgt Ion:184 Resp: 9470

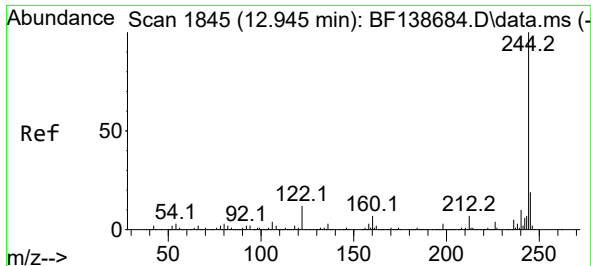
Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

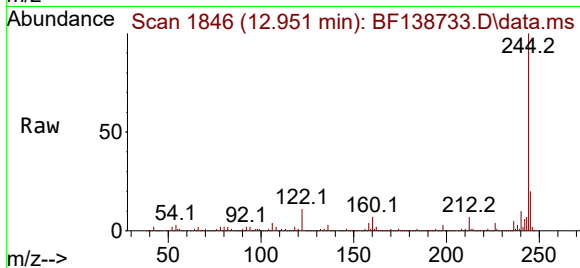
183 8.3 9.6 14.4#



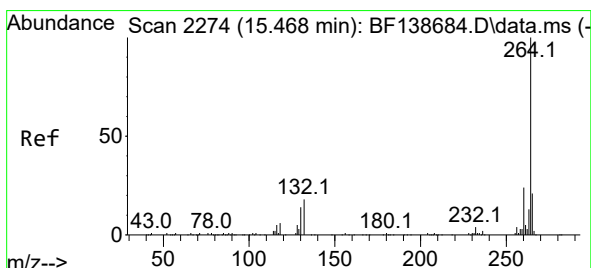
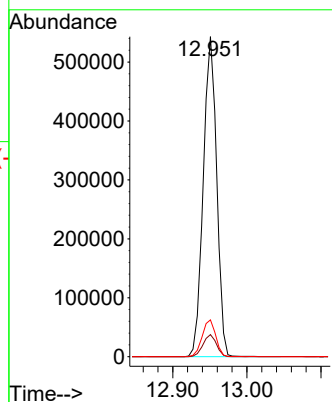
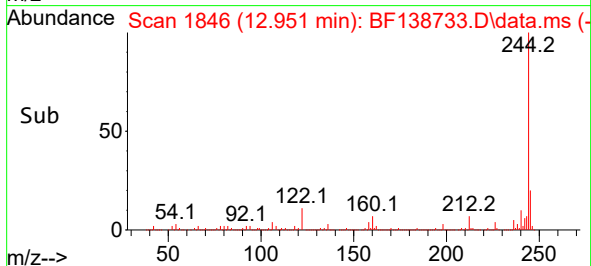


#79
 Terphenyl-d14
 Concen: 94.614 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138733.D
 Acq: 01 Aug 2024 19:38

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222



Tgt Ion:244 Resp: 683391
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138733.D
 Acq: 01 Aug 2024 19:38

Tgt Ion:264 Resp: 130013
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.2 17.0 25.6

