

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138745.D
 Acq On : 02 Aug 2024 14:02
 Operator : RC/JU
 Sample : P3402-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Quant Time: Aug 02 14:24:04 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)

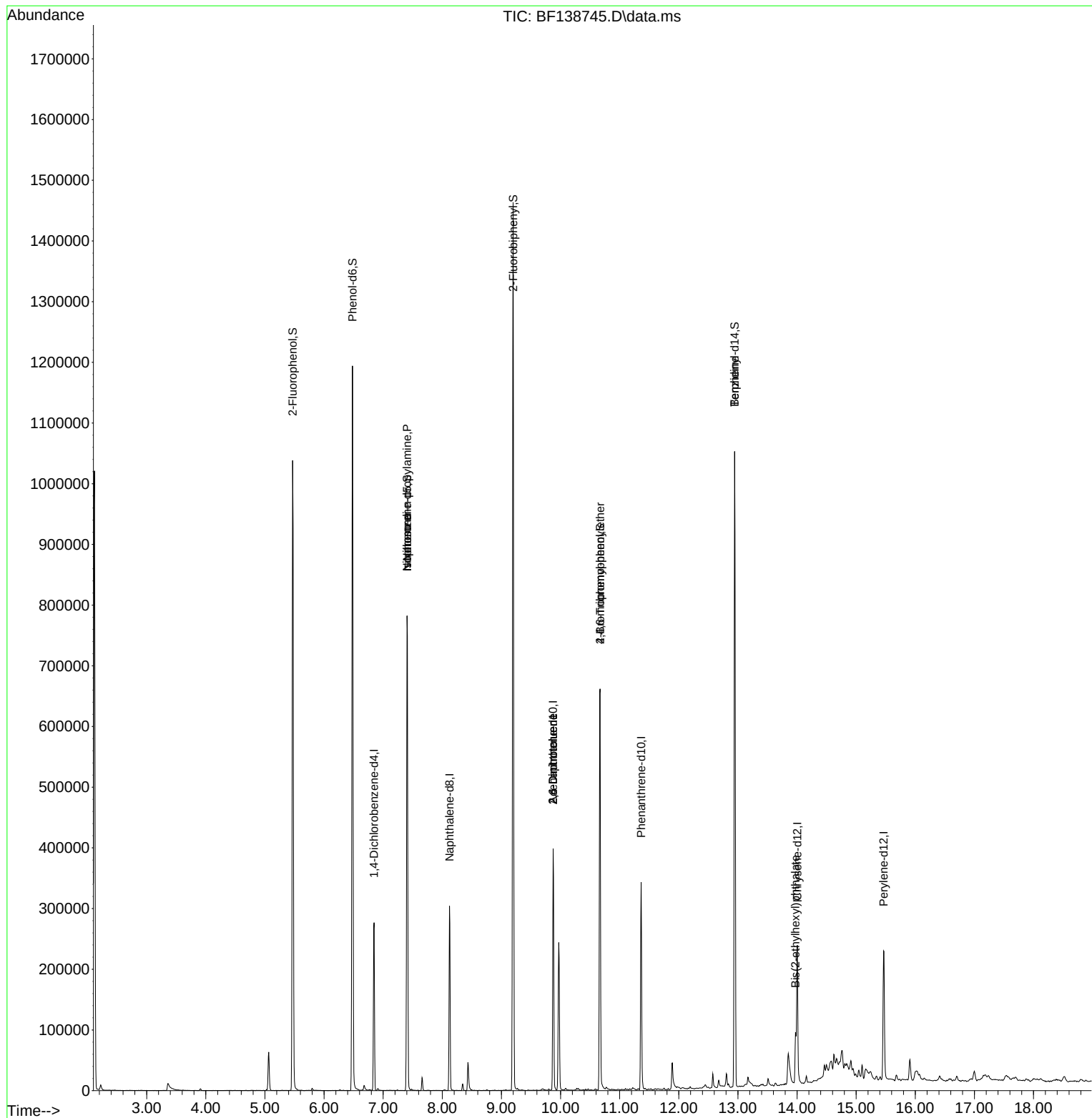
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	55229	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	179350	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113120	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	172673	20.000	ng	0.00
76) Chrysene-d12	14.004	240	100199	20.000	ng	0.00
86) Perylene-d12	15.463	264	118458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	352392	98.494	ng	0.00
7) Phenol-d6	6.481	99	526349	109.574	ng	0.00
23) Nitrobenzene-d5	7.404	82	341130	92.993	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	99293	107.158	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	603424	80.149	ng	0.00
79) Terphenyl-d14	12.945	244	488567	81.637	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	46459	16.013	ng	# 75
25) Isophorone	7.404	82	341127	54.460	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	14707	9.010	ng	# 20
57) 2,4-Dinitrotoluene	9.875	165	14707	7.062	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	7184	3.843	ng	# 1
77) Benzidine	12.945	184	7072	2.951	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.974	149	29343	6.633	ng	99

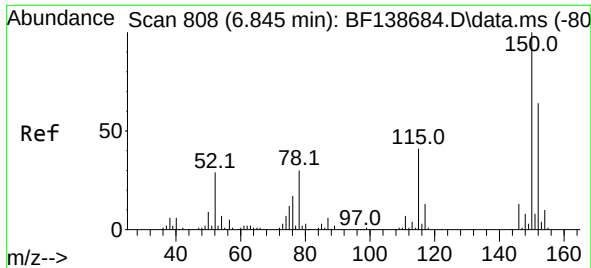
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Response via : Initial Calibration

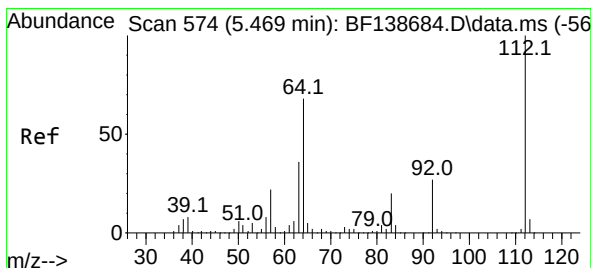
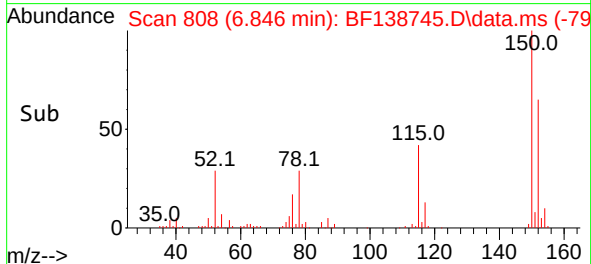
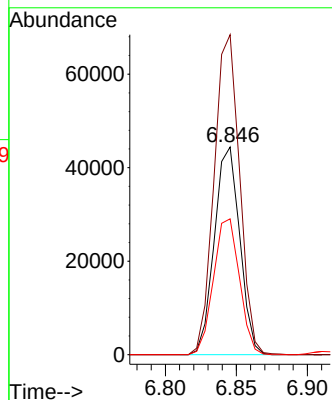
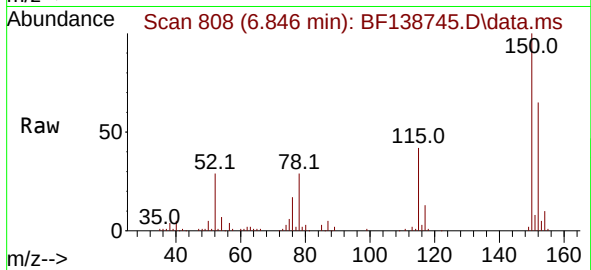




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

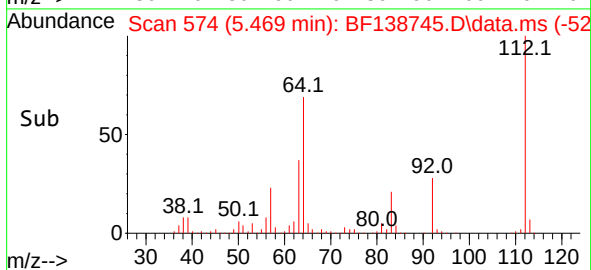
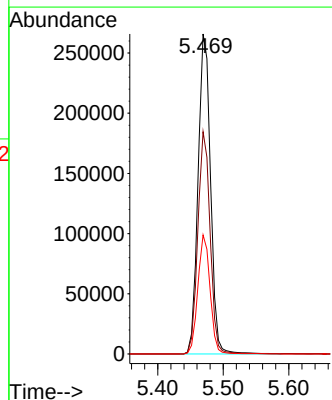
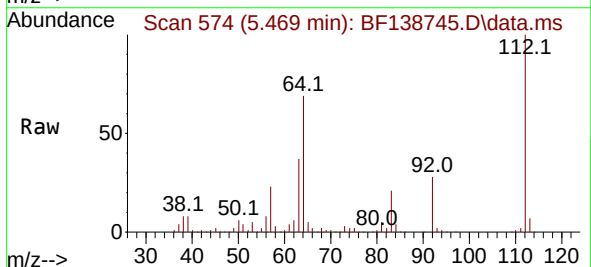
Instrument :
BNA_F
ClientSampleId :
VNJ-222

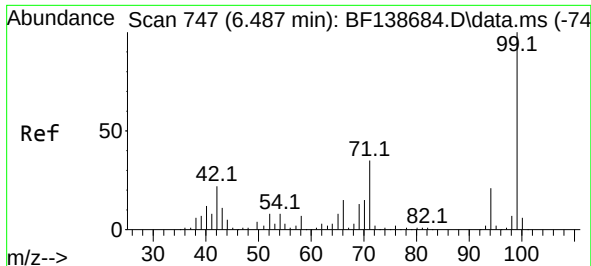
Tgt Ion:152 Resp: 55229
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 65.4 51.7 77.5



#5
2-Fluorophenol
Concen: 98.494 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Tgt Ion:112 Resp: 352392
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 37.2 28.7 43.1

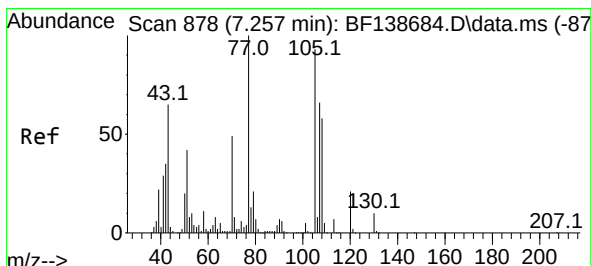
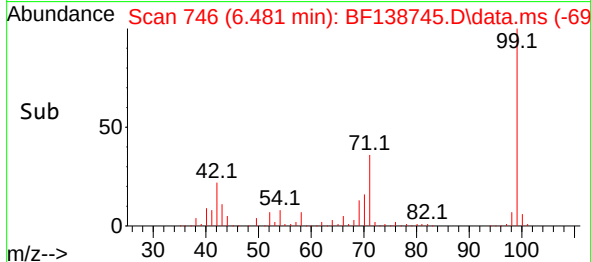
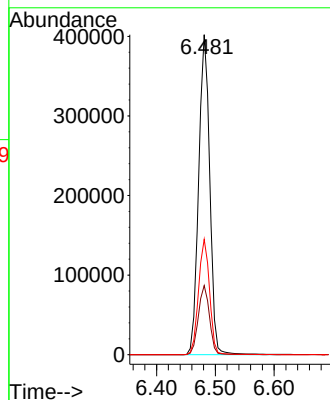
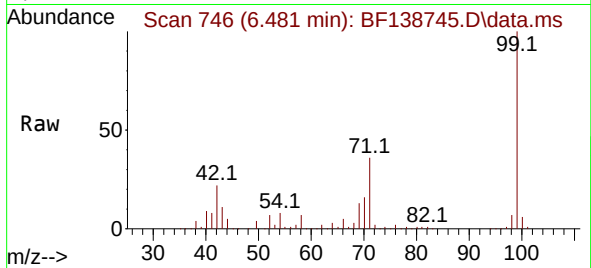




#7
Phenol-d6
Concen: 109.574 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

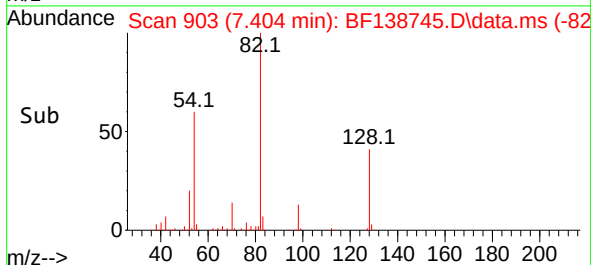
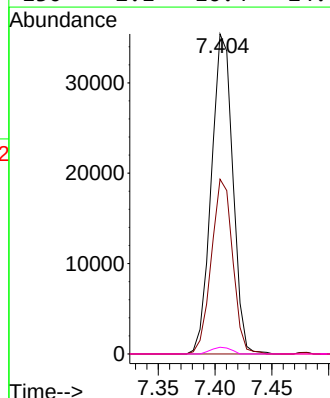
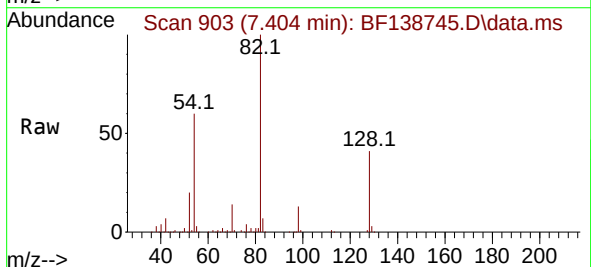
Instrument :
BNA_F
ClientSampleId :
VNJ-222

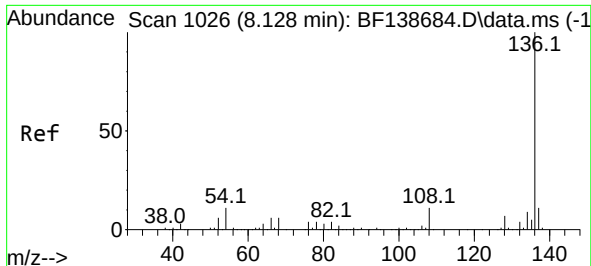
Tgt Ion: 99 Resp: 526349
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.0
71 36.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.013 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Tgt Ion: 70 Resp: 46459
Ion Ratio Lower Upper
70 100
42 54.6 57.4 86.0#
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#



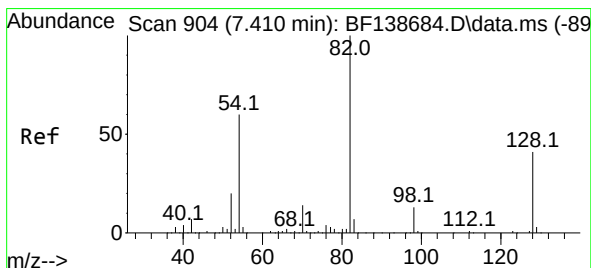
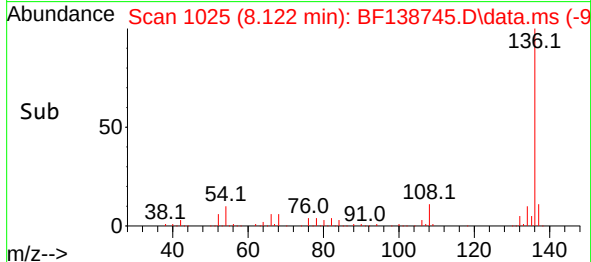
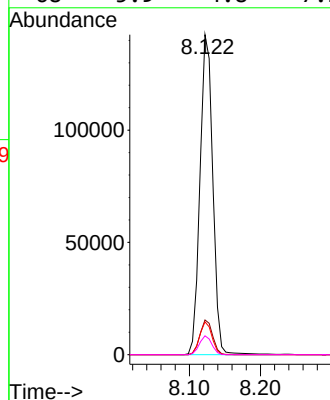
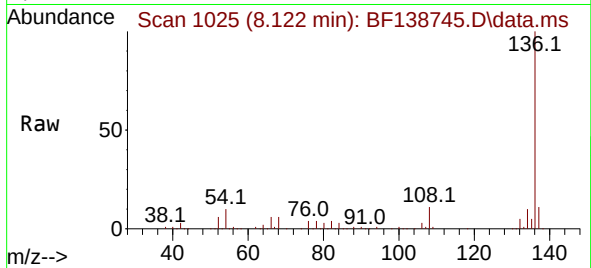


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Tgt Ion:136 Resp: 179350

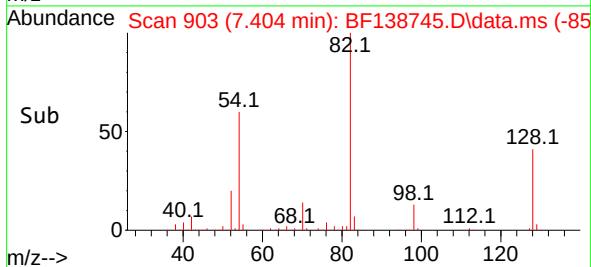
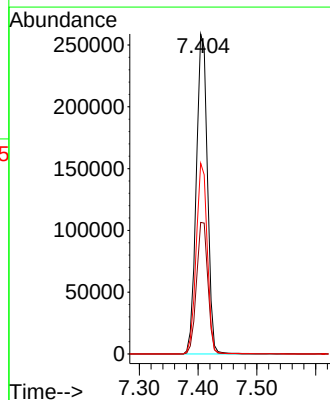
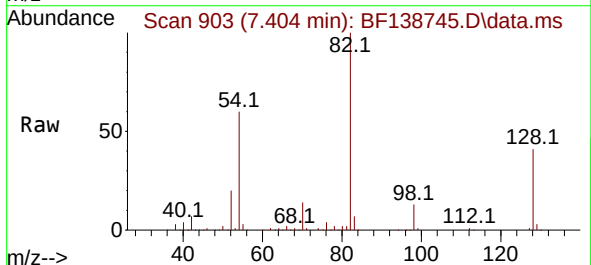
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	8.6	12.8
68	5.9	4.8	7.2

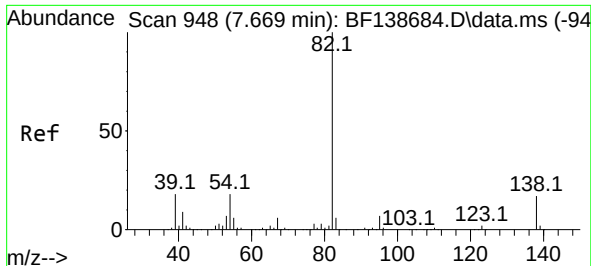


#23
Nitrobenzene-d5
Concen: 92.993 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Tgt Ion: 82 Resp: 341130

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	59.6	48.3	72.5

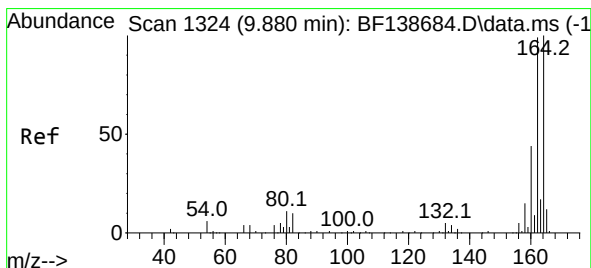
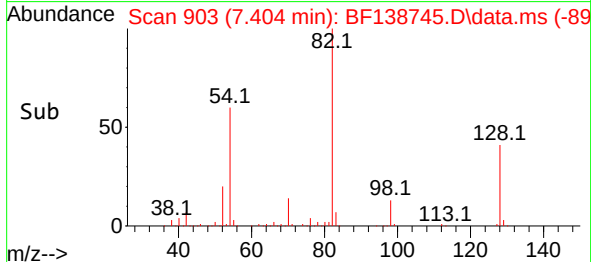
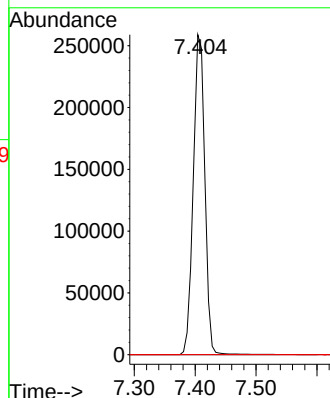
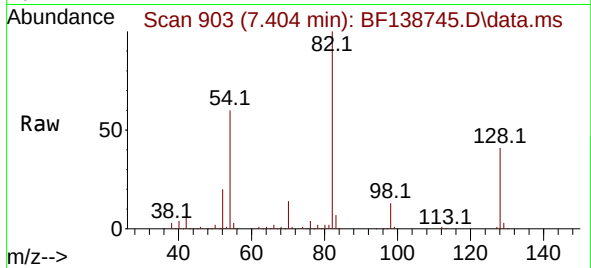




#25
Isophorone
Concen: 54.460 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

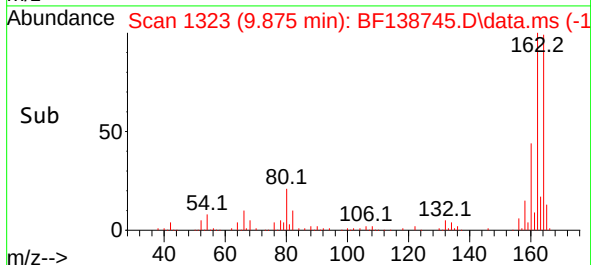
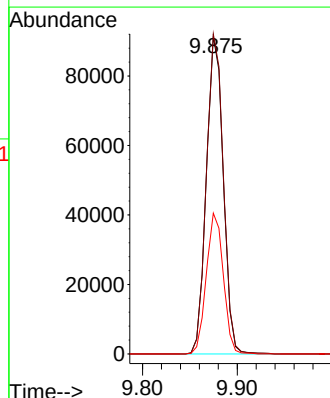
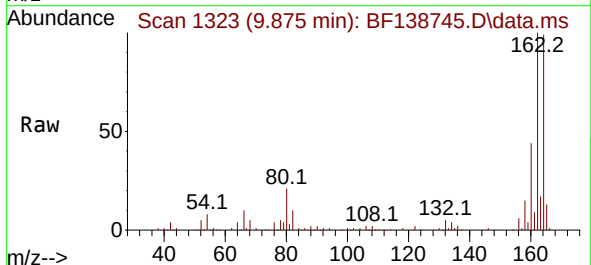
Instrument :
BNA_F
ClientSampleId :
VNJ-222

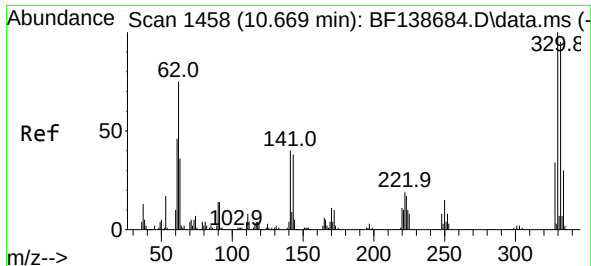
Tgt Ion: 82 Resp: 341127
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Tgt Ion:164 Resp: 113120
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 107.158 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138745.D

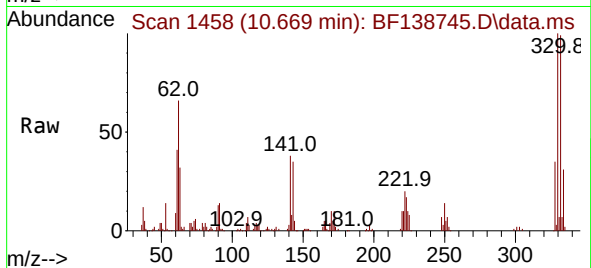
Acq: 02 Aug 2024 14:02

Instrument :

BNA_F

ClientSampleId :

VNJ-222



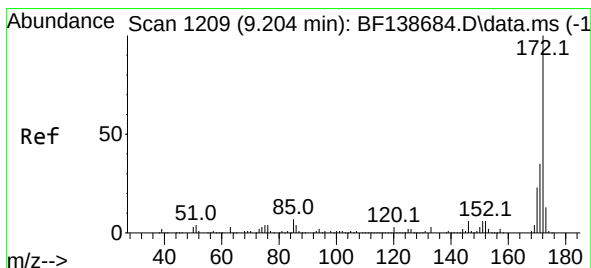
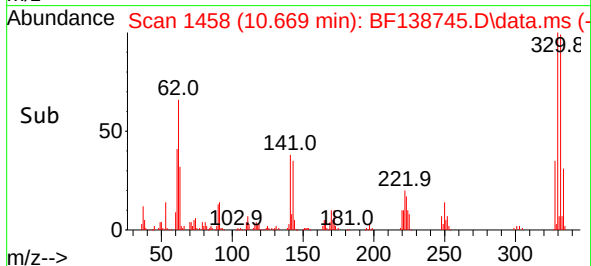
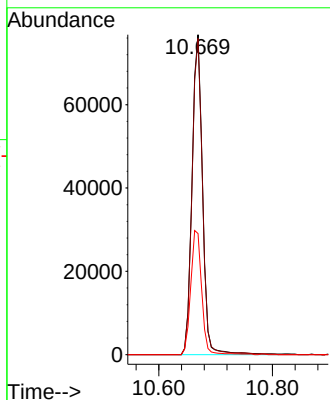
Tgt Ion:330 Resp: 99293

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 40.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 80.149 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138745.D

Acq: 02 Aug 2024 14:02

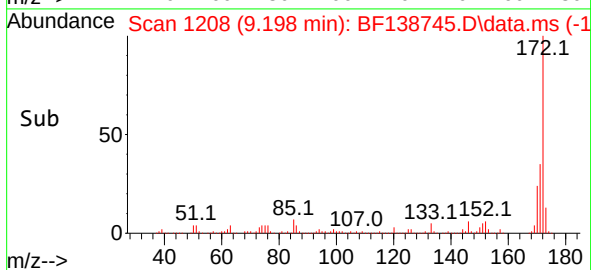
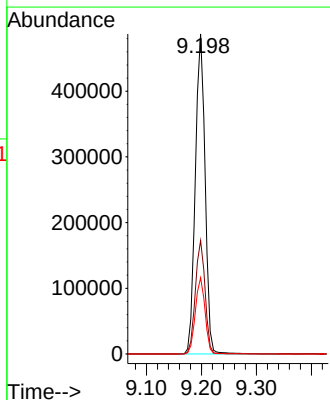
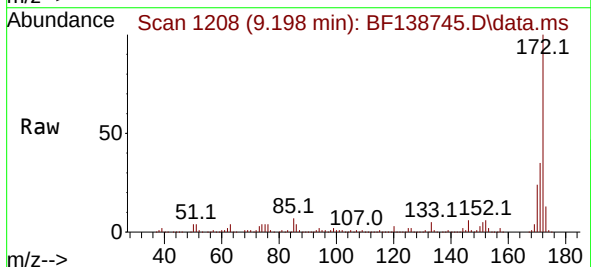
Tgt Ion:172 Resp: 603424

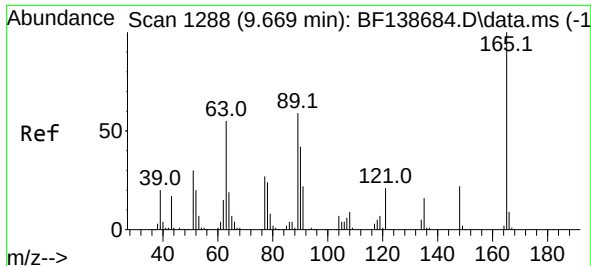
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 18.8 28.2

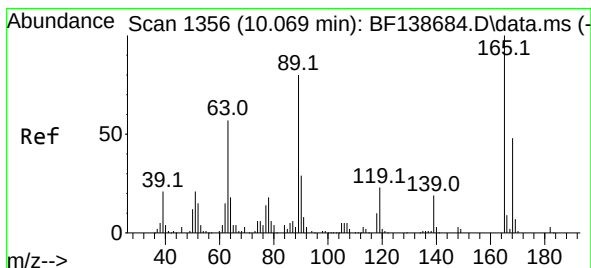
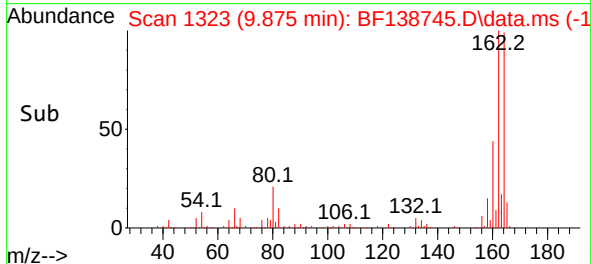
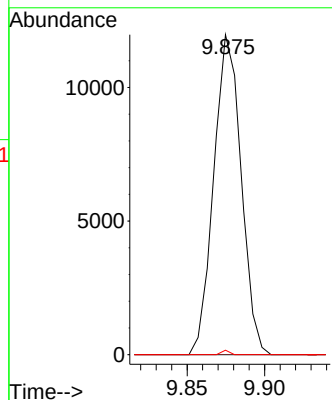
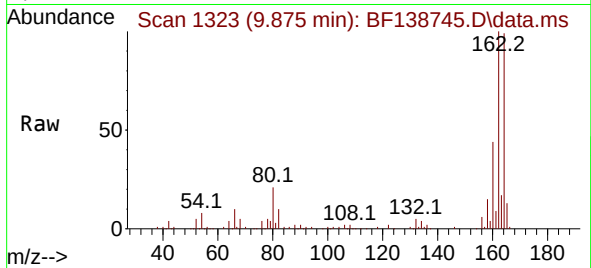




#51
2,6-Dinitrotoluene
Concen: 9.010 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

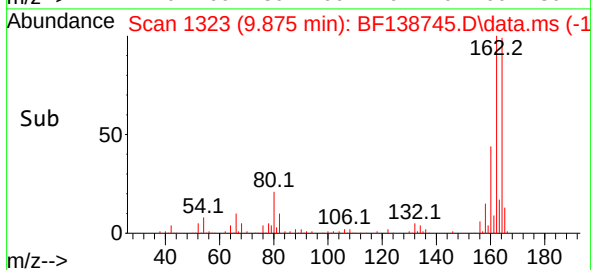
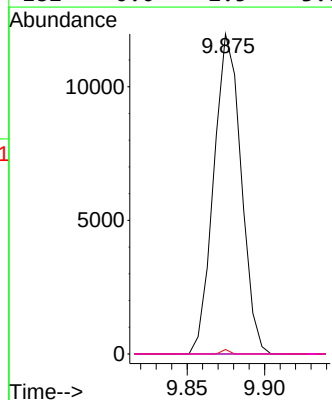
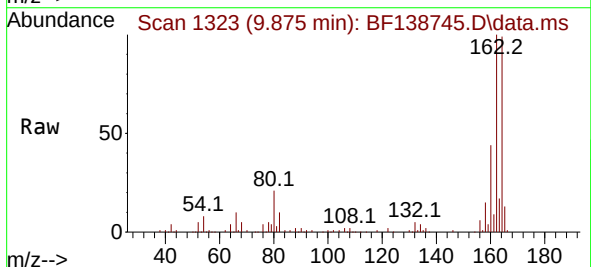
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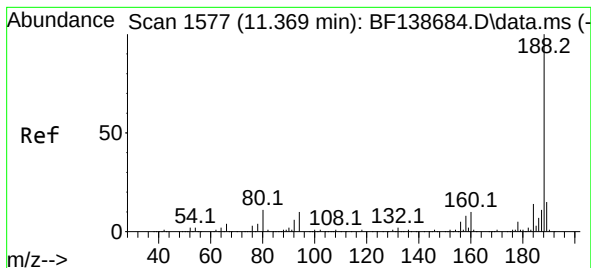
Tgt Ion:165 Resp: 14707
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.4 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.062 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138745.D
Acq: 02 Aug 2024 14:02

Tgt Ion:165 Resp: 14707
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.4 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: BF138745.D

Acq: 02 Aug 2024 14:02

Instrument :

BNA_F

ClientSampleId :

VNJ-222

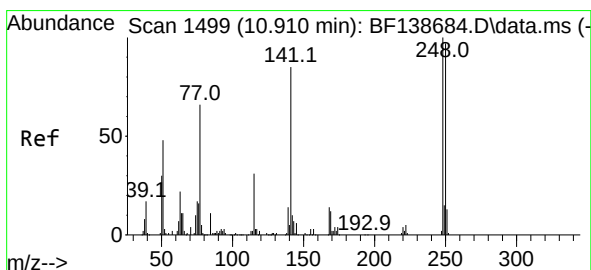
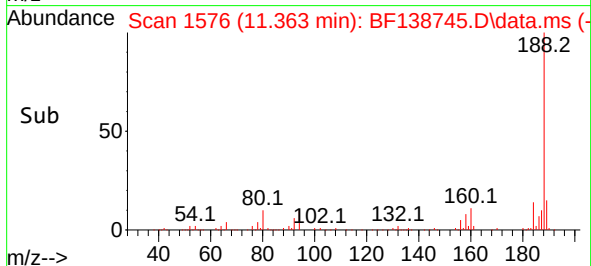
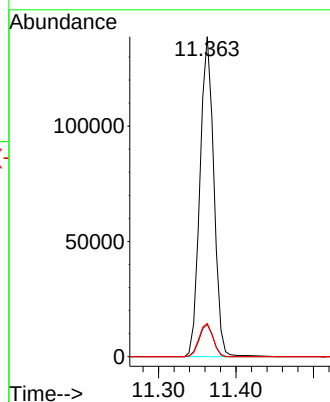
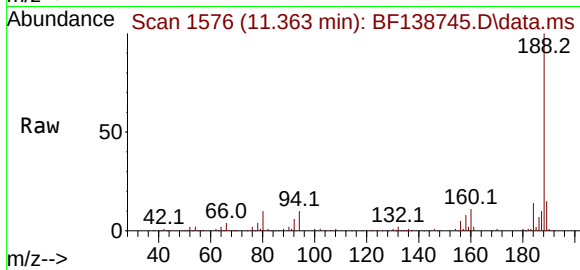
Tgt Ion:188 Resp: 172673

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.843 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138745.D

Acq: 02 Aug 2024 14:02

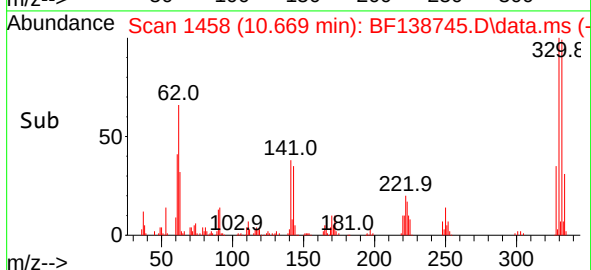
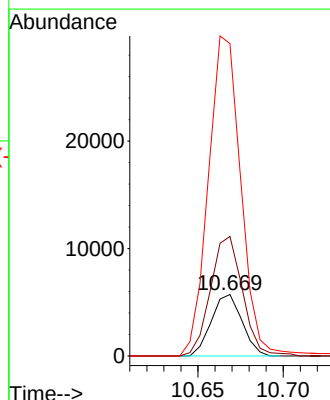
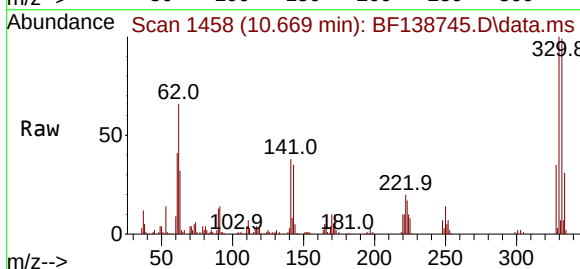
Tgt Ion:248 Resp: 7184

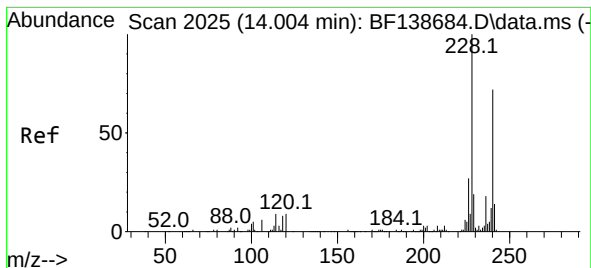
Ion Ratio Lower Upper

248 100

250 194.7 77.7 116.5#

141 508.6 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: BF138745.D

Acq: 02 Aug 2024 14:02

Instrument :

BNA_F

ClientSampleId :

VNJ-222

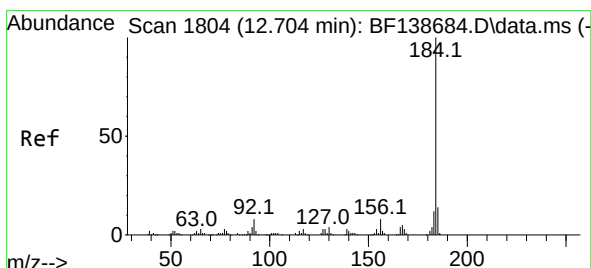
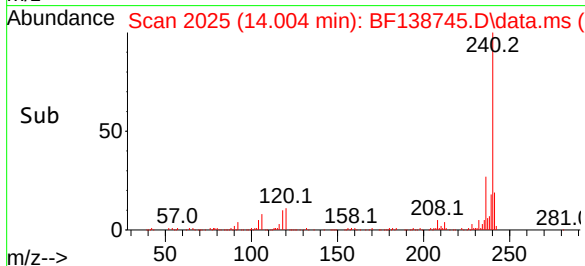
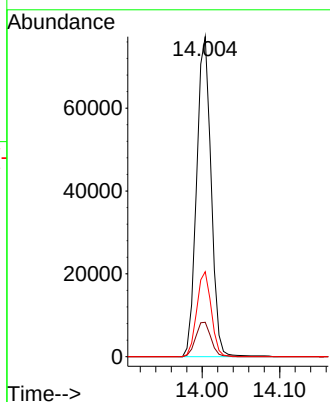
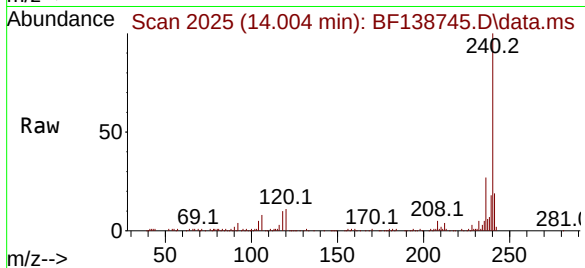
Tgt Ion:240 Resp: 100199

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

236 26.5 19.8 29.8



#77

Benzidine

Concen: 2.951 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138745.D

Acq: 02 Aug 2024 14:02

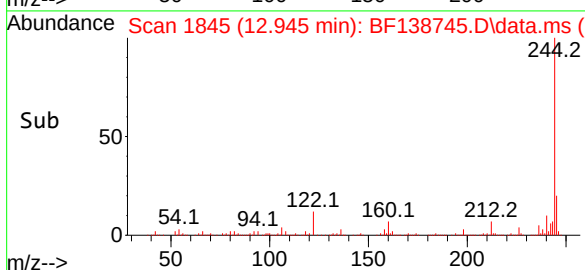
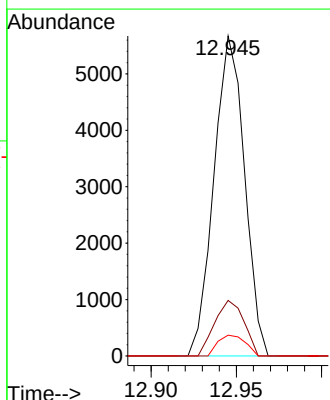
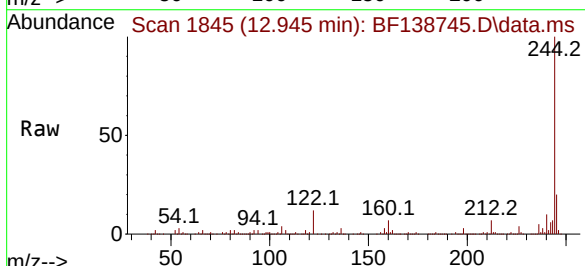
Tgt Ion:184 Resp: 7072

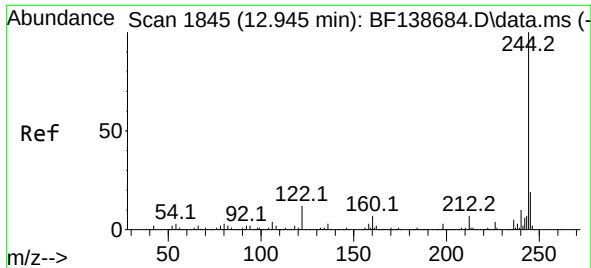
Ion Ratio Lower Upper

184 100

185 17.4 11.1 16.7#

183 6.5 9.6 14.4#

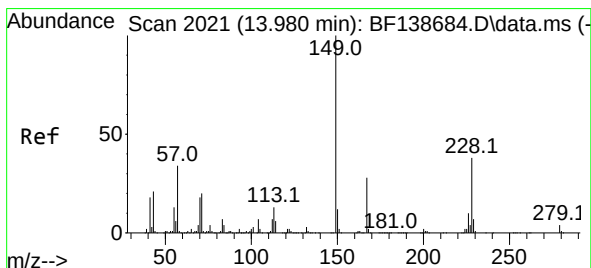
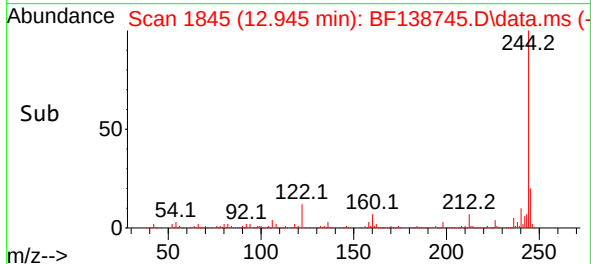
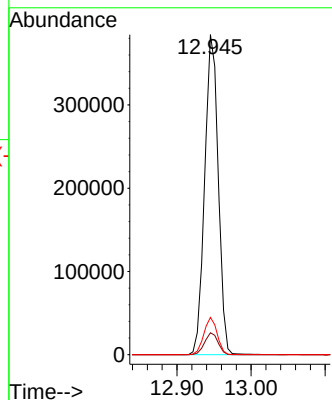
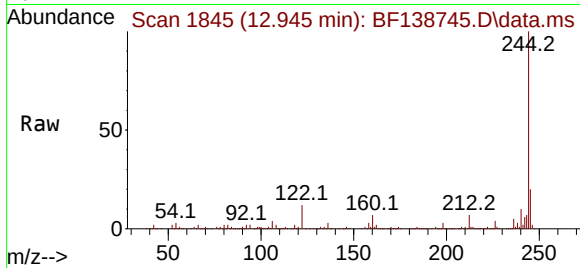




#79
 Terphenyl-d14
 Concen: 81.637 ng
 RT: 12.945 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF138745.D
 Acq: 02 Aug 2024 14:02

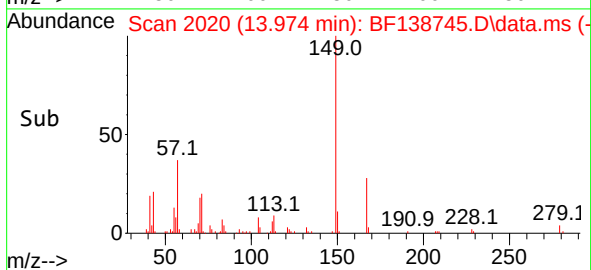
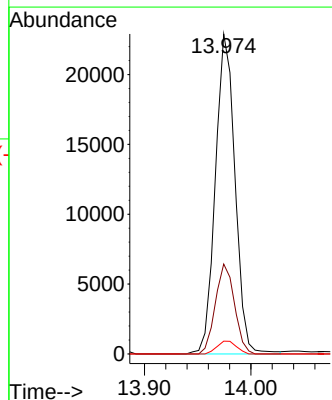
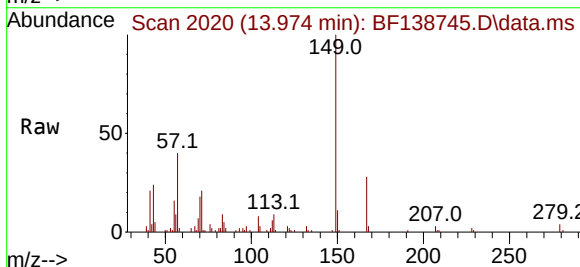
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

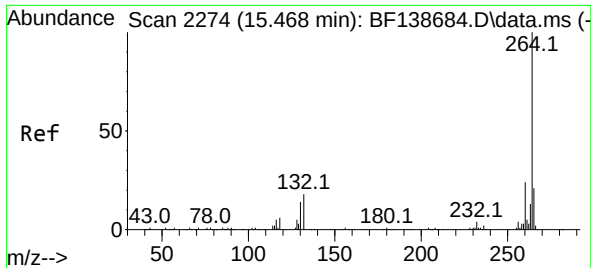
Tgt Ion:244 Resp: 488567
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.6 9.6 14.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.633 ng
 RT: 13.974 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF138745.D
 Acq: 02 Aug 2024 14:02

Tgt Ion:149 Resp: 29343
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 4.0 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138745.D
 Acq: 02 Aug 2024 14:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Tgt Ion:264	Resp:	118458
Ion	Ratio	Lower Upper
264	100	
260	23.1	19.0 28.6
265	21.9	17.0 25.6

