

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138524.D
 Acq On : 11 Jul 2024 15:41
 Operator : CG\JU
 Sample : P3183-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

Quant Time: Jul 11 16:08:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

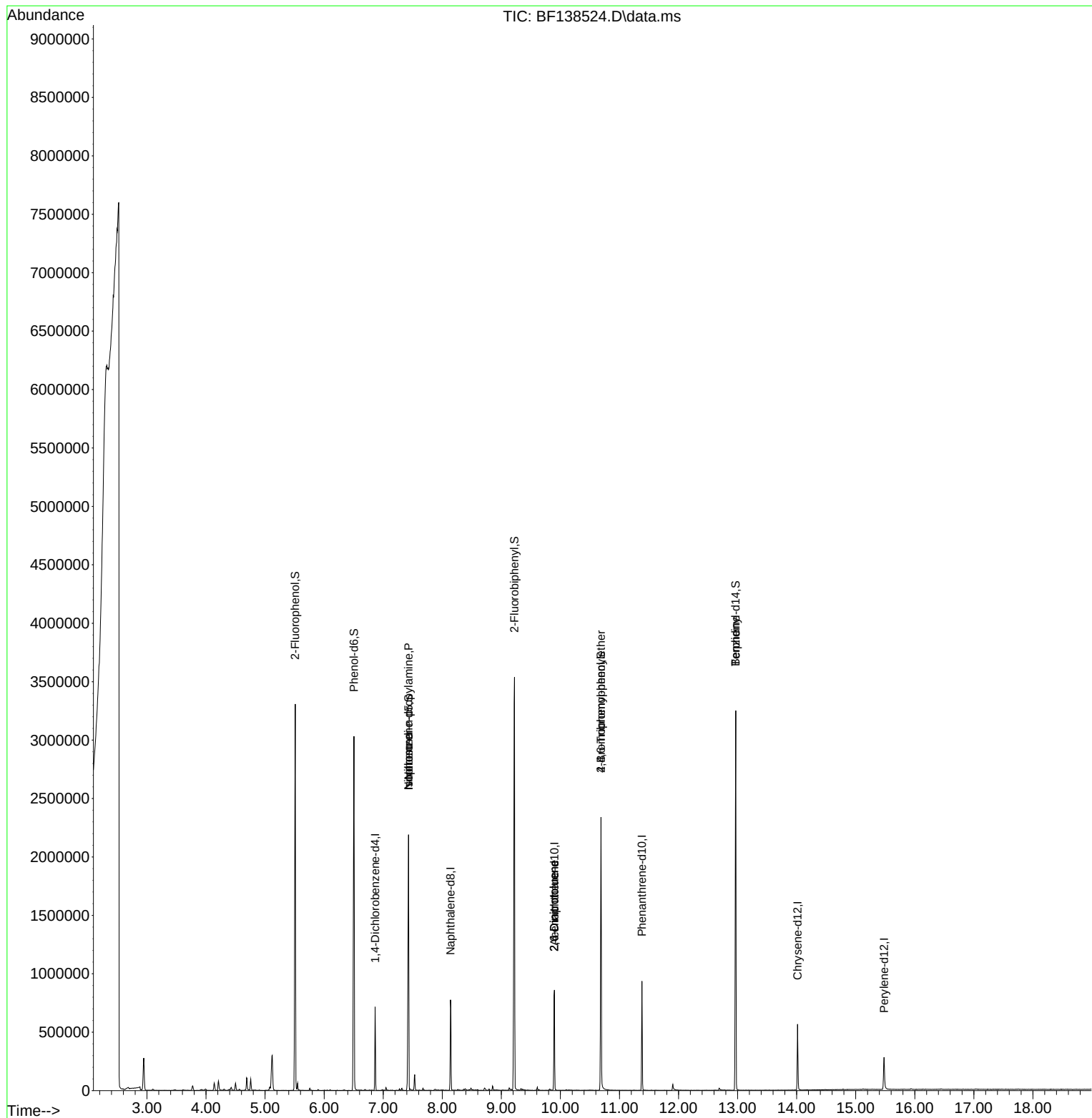
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82573	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	331465	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	183427	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	291262	20.000	ng	0.00
76) Chrysene-d12	14.016	240	165660	20.000	ng	-0.01
86) Perylene-d12	15.480	264	132986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	789827	151.489	ng	0.02
7) Phenol-d6	6.504	99	1017386	146.686	ng	0.00
23) Nitrobenzene-d5	7.428	82	698597	103.478	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	255178	148.852	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1204033	102.591	ng	0.00
79) Terphenyl-d14	12.969	244	1042945	102.564	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	94871	22.137	ng	# 75
25) Isophorone	7.428	82	698585	60.255	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	23857	8.736	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	23857	6.752	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	17514	5.850	ng	# 1
77) Benzidine	12.969	184	15001	3.589	ng	# 93

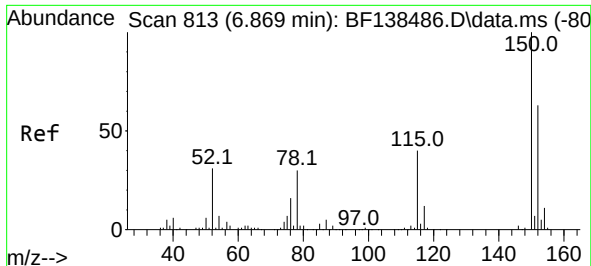
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
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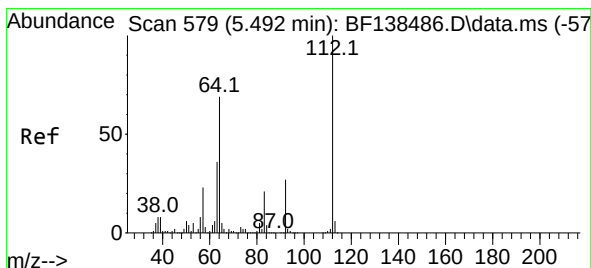
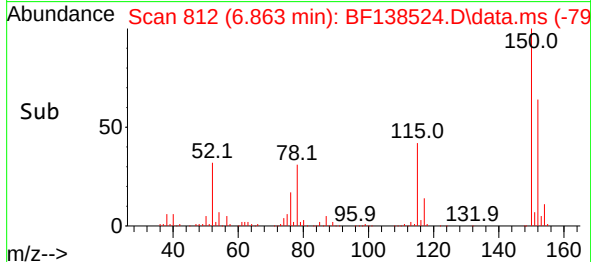
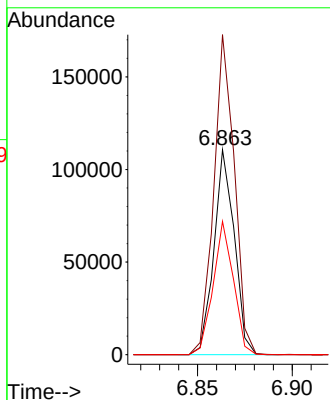
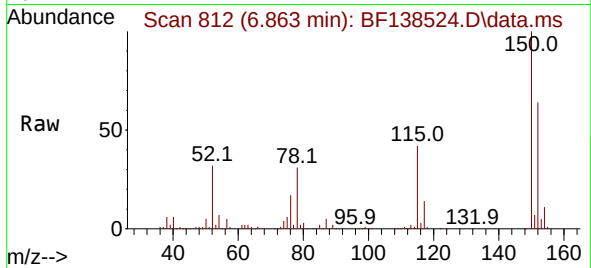




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

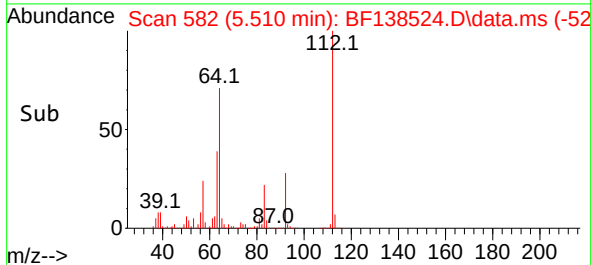
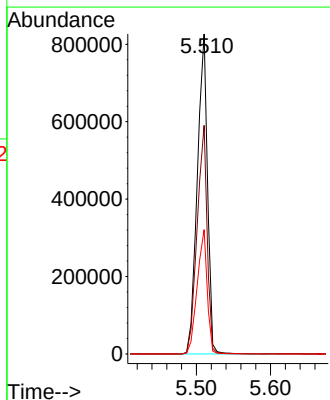
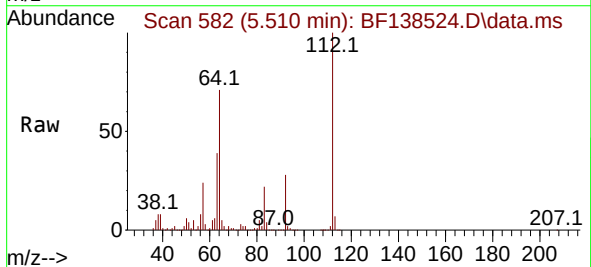
Instrument :
BNA_F
ClientSampleId :
VNJ-229

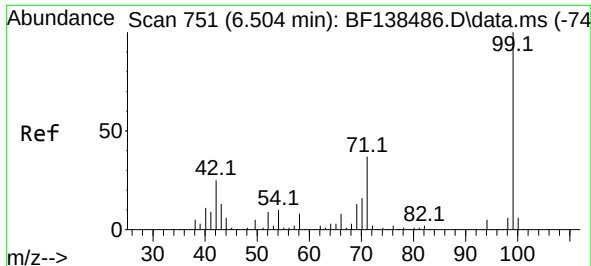
Tgt Ion:152 Resp: 82573
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 65.0 50.3 75.5



#5
2-Fluorophenol
Concen: 151.489 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Tgt Ion:112 Resp: 789827
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 38.8 29.0 43.6

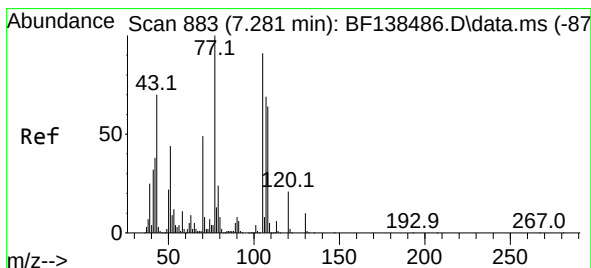
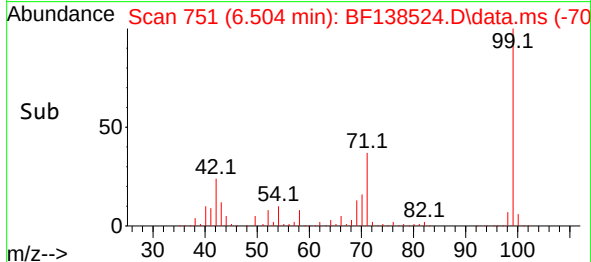
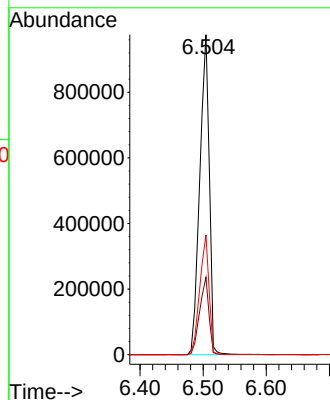
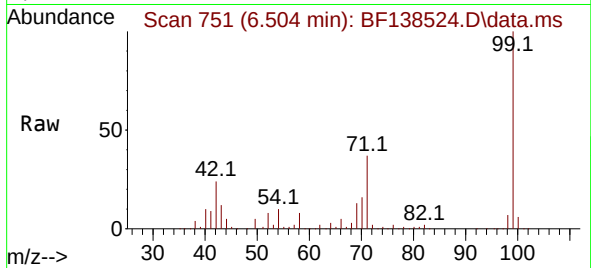




#7
Phenol-d6
Concen: 146.686 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

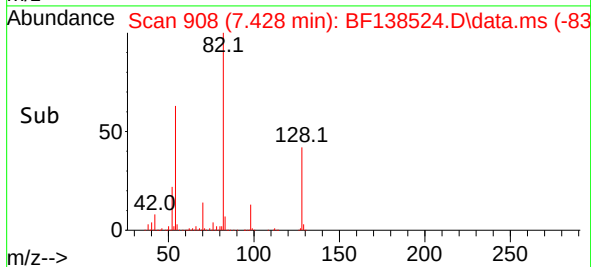
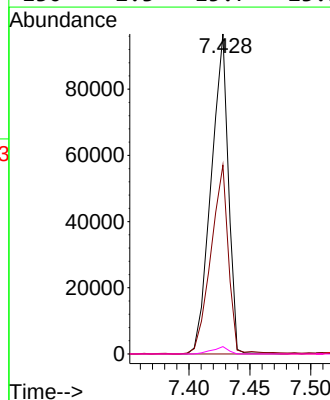
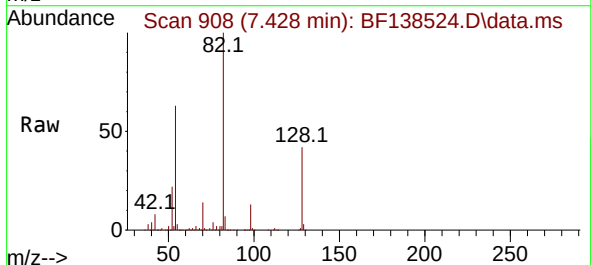
Instrument :
BNA_F
ClientSampleId :
VNJ-229

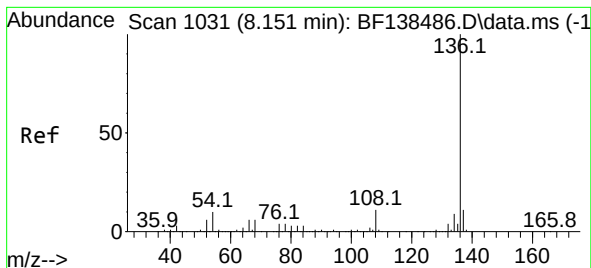
Tgt Ion: 99 Resp: 1017386
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 37.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.137 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Tgt Ion: 70 Resp: 94871
Ion Ratio Lower Upper
70 100
42 59.0 62.4 93.6#
101 0.0 7.2 10.8#
130 2.3 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

Tgt Ion:136 Resp: 331465

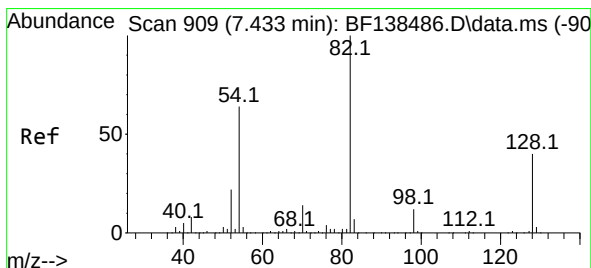
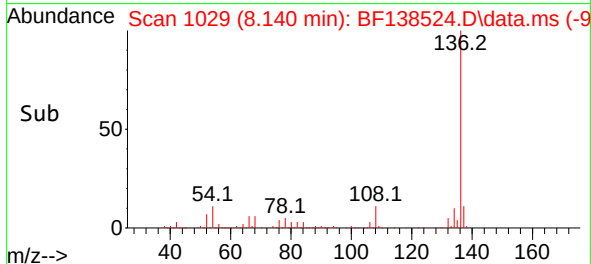
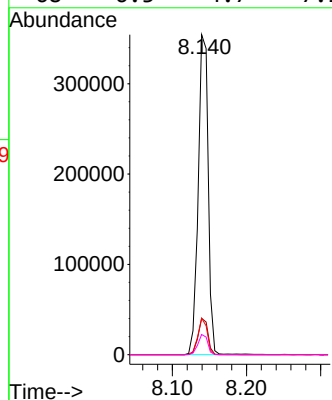
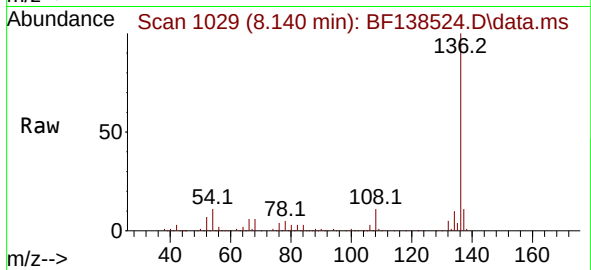
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.4 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 103.478 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

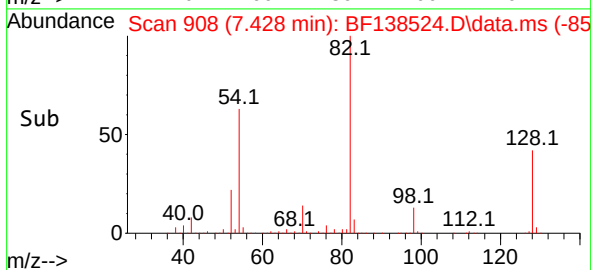
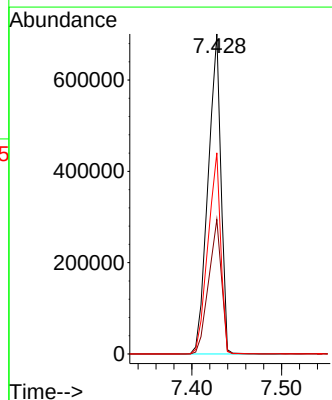
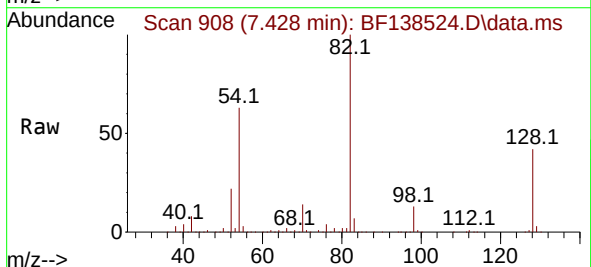
Tgt Ion: 82 Resp: 698597

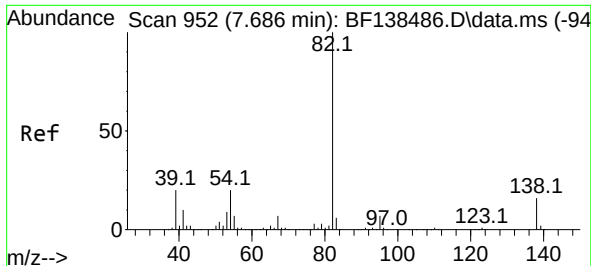
Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

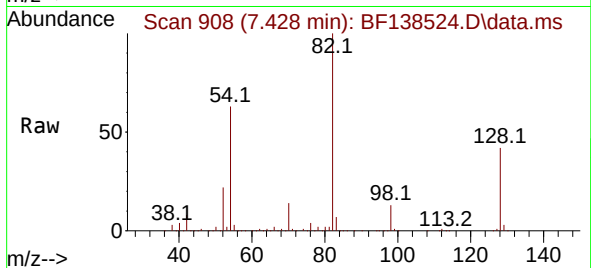
54 62.8 51.4 77.0



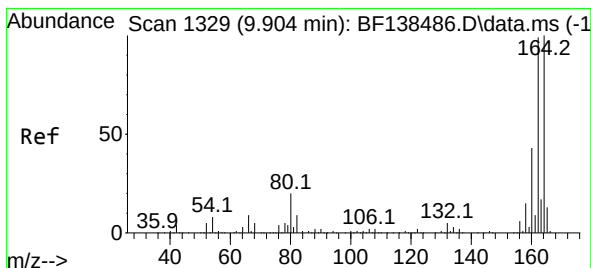
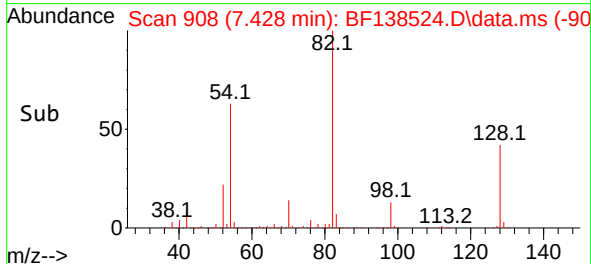
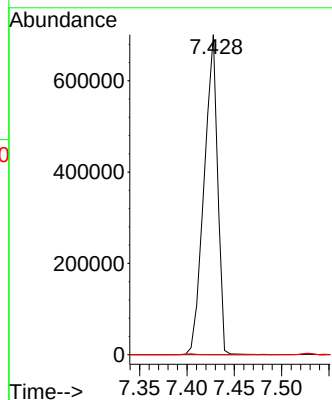


#25
Isophorone
Concen: 60.255 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Instrument :
BNA_F
ClientSampleId :
VNJ-229

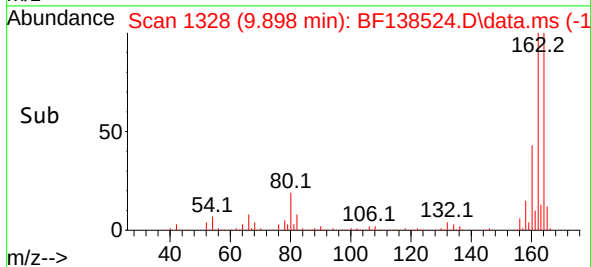
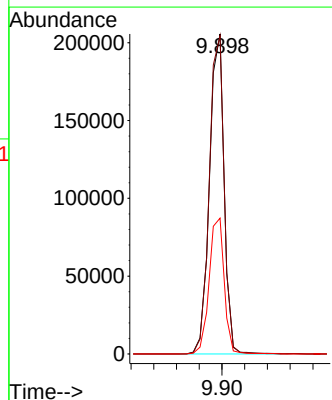
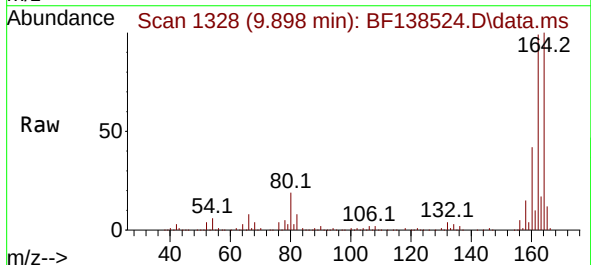


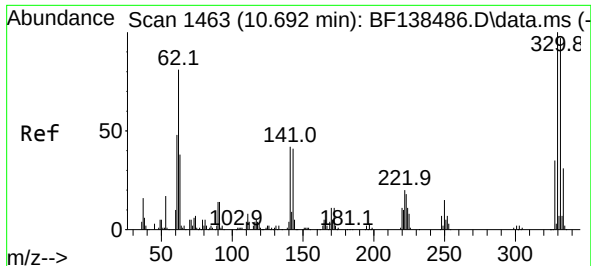
Tgt Ion: 82 Resp: 698585
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Tgt Ion: 164 Resp: 183427
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 42.5 34.4 51.6

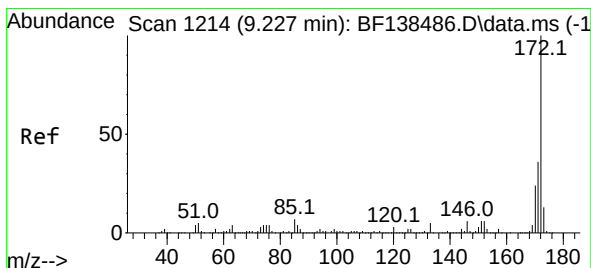
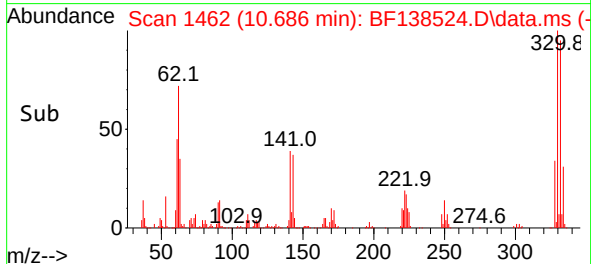
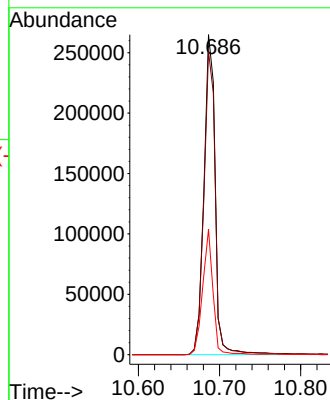
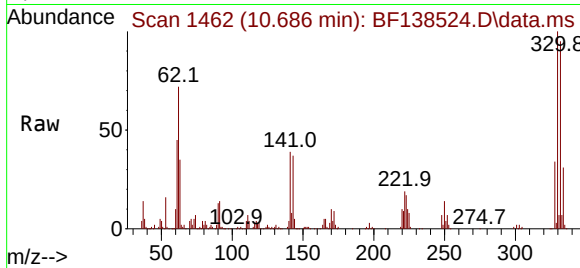




#42
2,4,6-Tribromophenol
Concen: 148.852 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

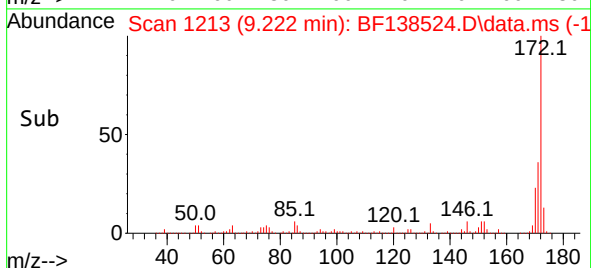
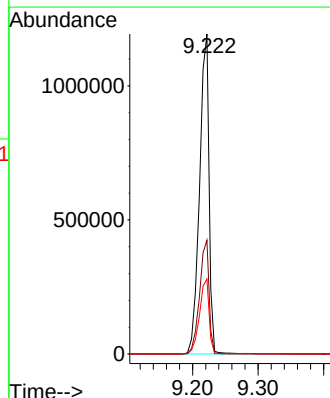
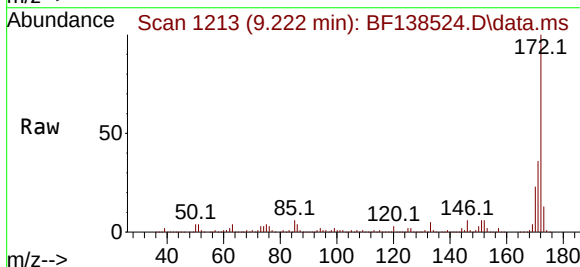
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ClientSampleId :
VNJ-229

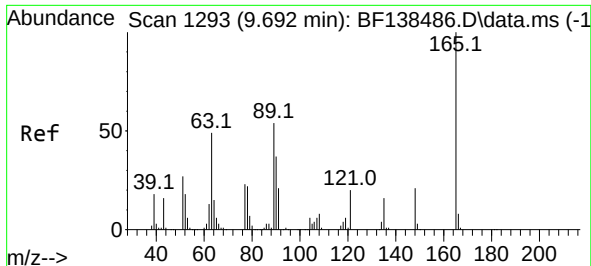
Tgt Ion:330 Resp: 255178
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 36.1 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 102.591 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Tgt Ion:172 Resp: 1204033
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.5 18.9 28.3

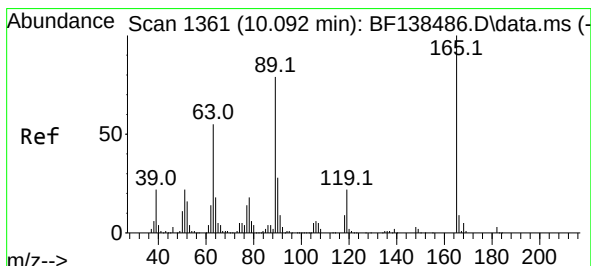
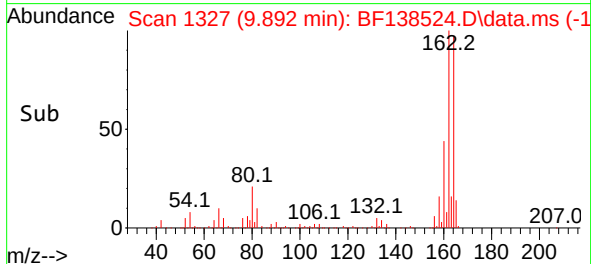
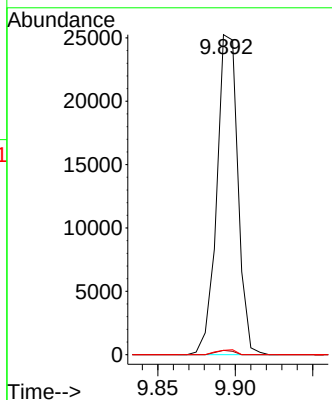
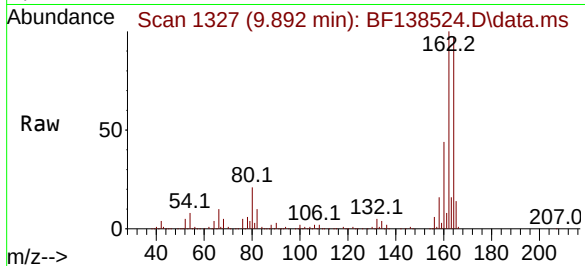




#51
2,6-Dinitrotoluene
Concen: 8.736 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

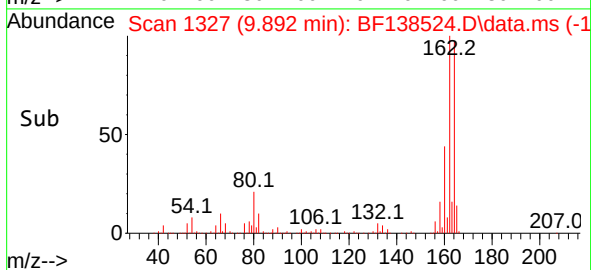
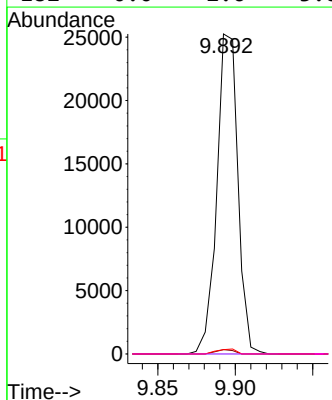
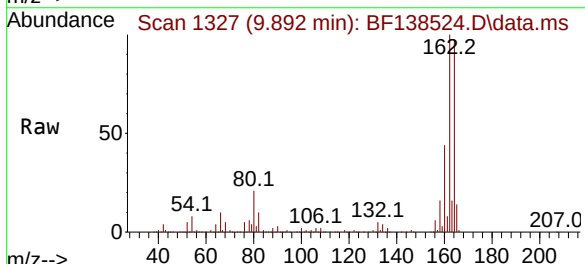
Instrument :
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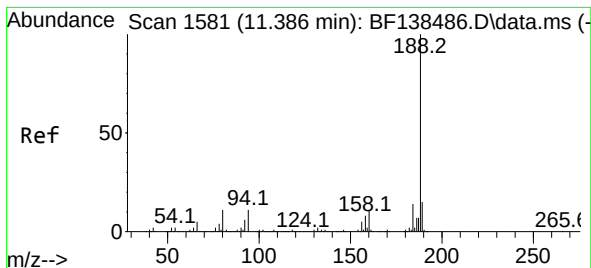
Tgt Ion:165 Resp: 23857
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF138524.D
Acq: 11 Jul 2024 15:41

Tgt Ion:165 Resp: 23857
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

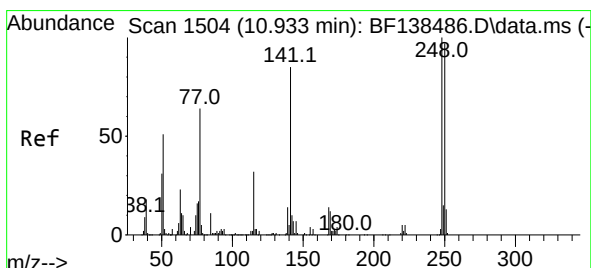
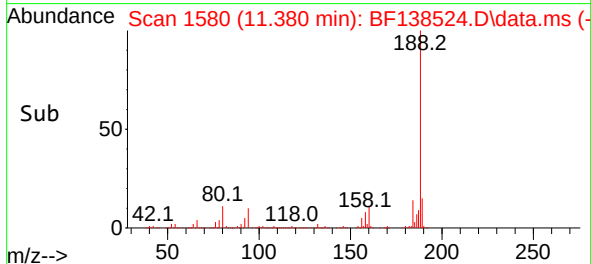
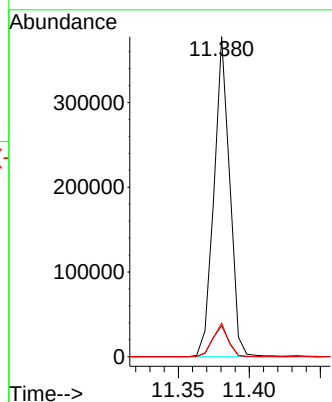
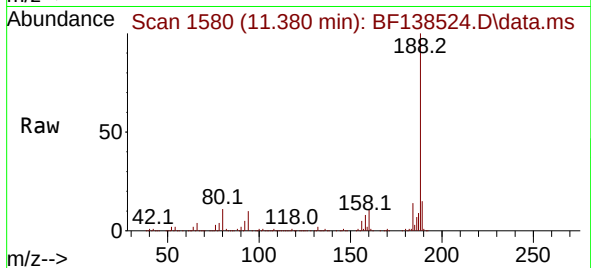
Tgt Ion:188 Resp: 291262

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 10.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.850 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

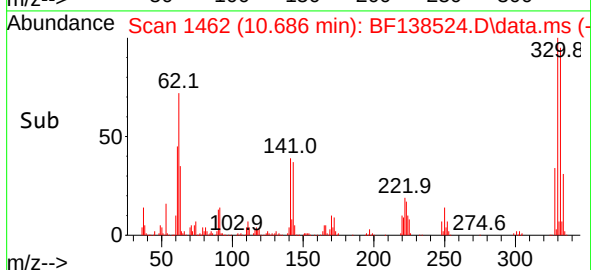
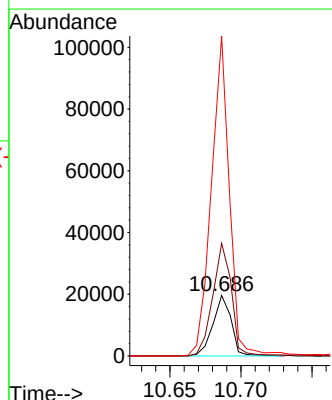
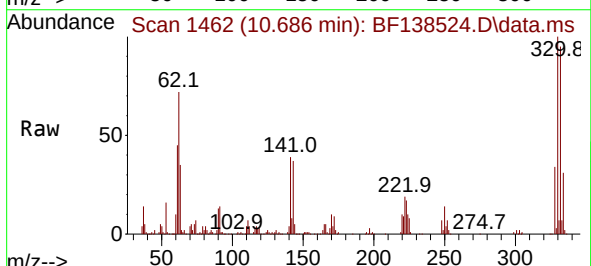
Tgt Ion:248 Resp: 17514

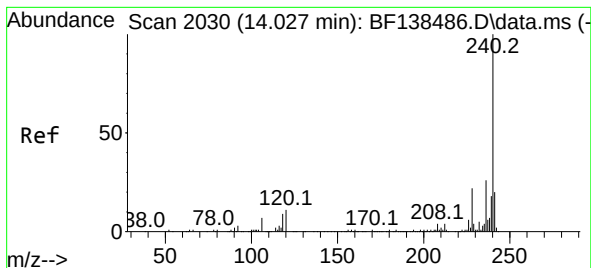
Ion Ratio Lower Upper

248 100

250 186.3 77.9 116.9#

141 529.4 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

Instrument :

BNA_F

ClientSampleId :

VNJ-229

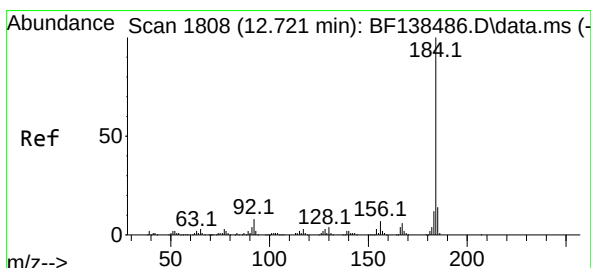
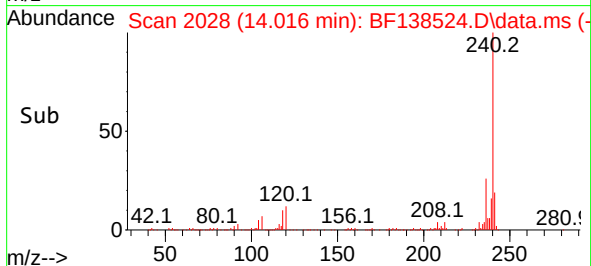
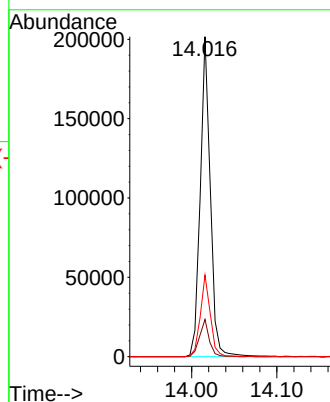
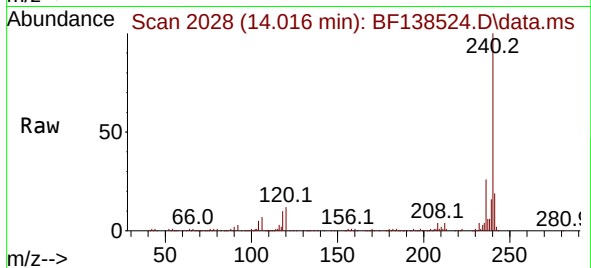
Tgt Ion:240 Resp: 165660

Ion Ratio Lower Upper

240 100

120 11.6 8.6 12.8

236 25.5 21.0 31.6



#77

Benzdine

Concen: 3.589 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.248 min

Lab File: BF138524.D

Acq: 11 Jul 2024 15:41

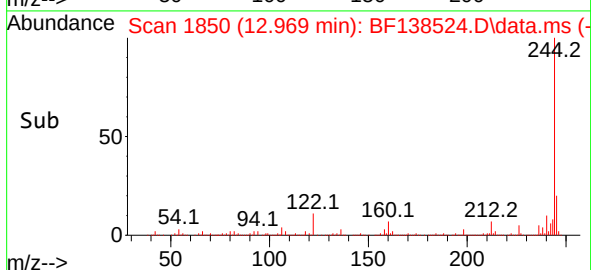
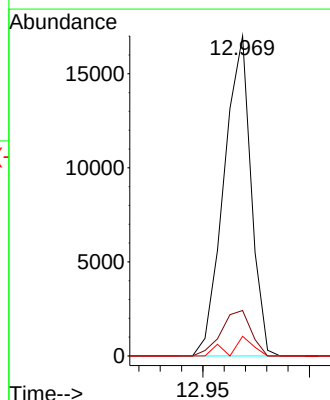
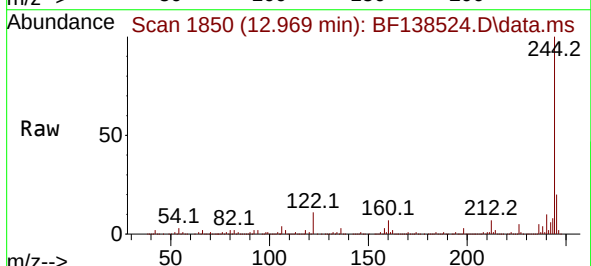
Tgt Ion:184 Resp: 15001

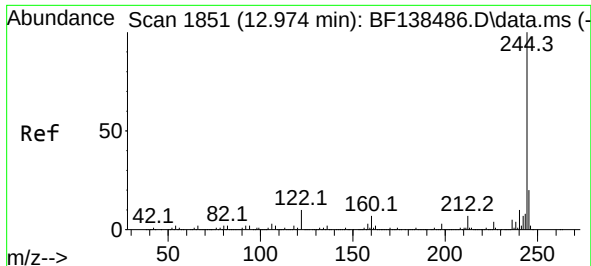
Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 6.2 9.5 14.3#

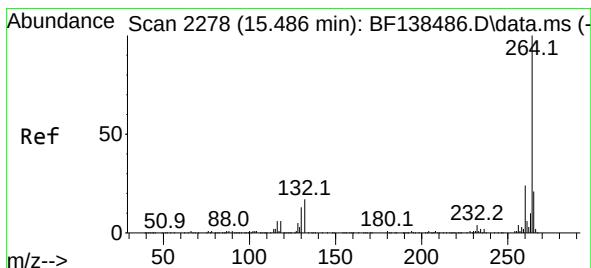
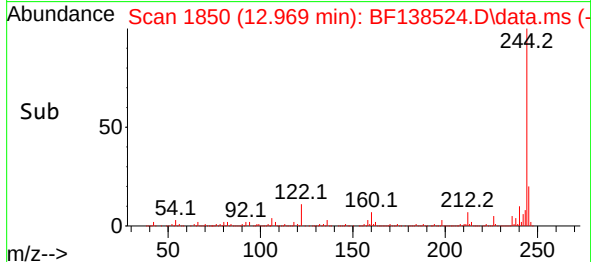
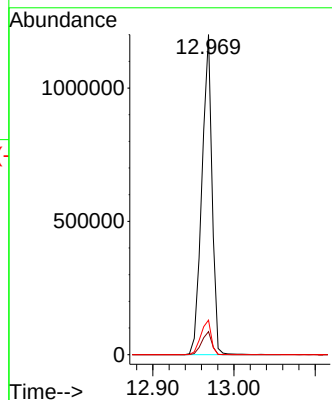
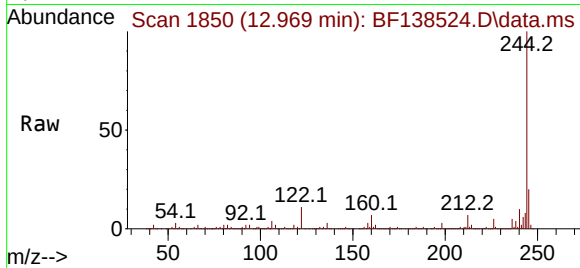




#79
 Terphenyl-d14
 Concen: 102.564 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138524.D
 Acq: 11 Jul 2024 15:41

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

Tgt Ion:244 Resp: 1042945
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138524.D
 Acq: 11 Jul 2024 15:41

Tgt Ion:264 Resp: 132986
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 17.0 25.4

