

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138455.D
 Acq On : 03 Jul 2024 19:37
 Operator : CG\JU
 Sample : P3142-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231

Quant Time: Jul 04 01:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

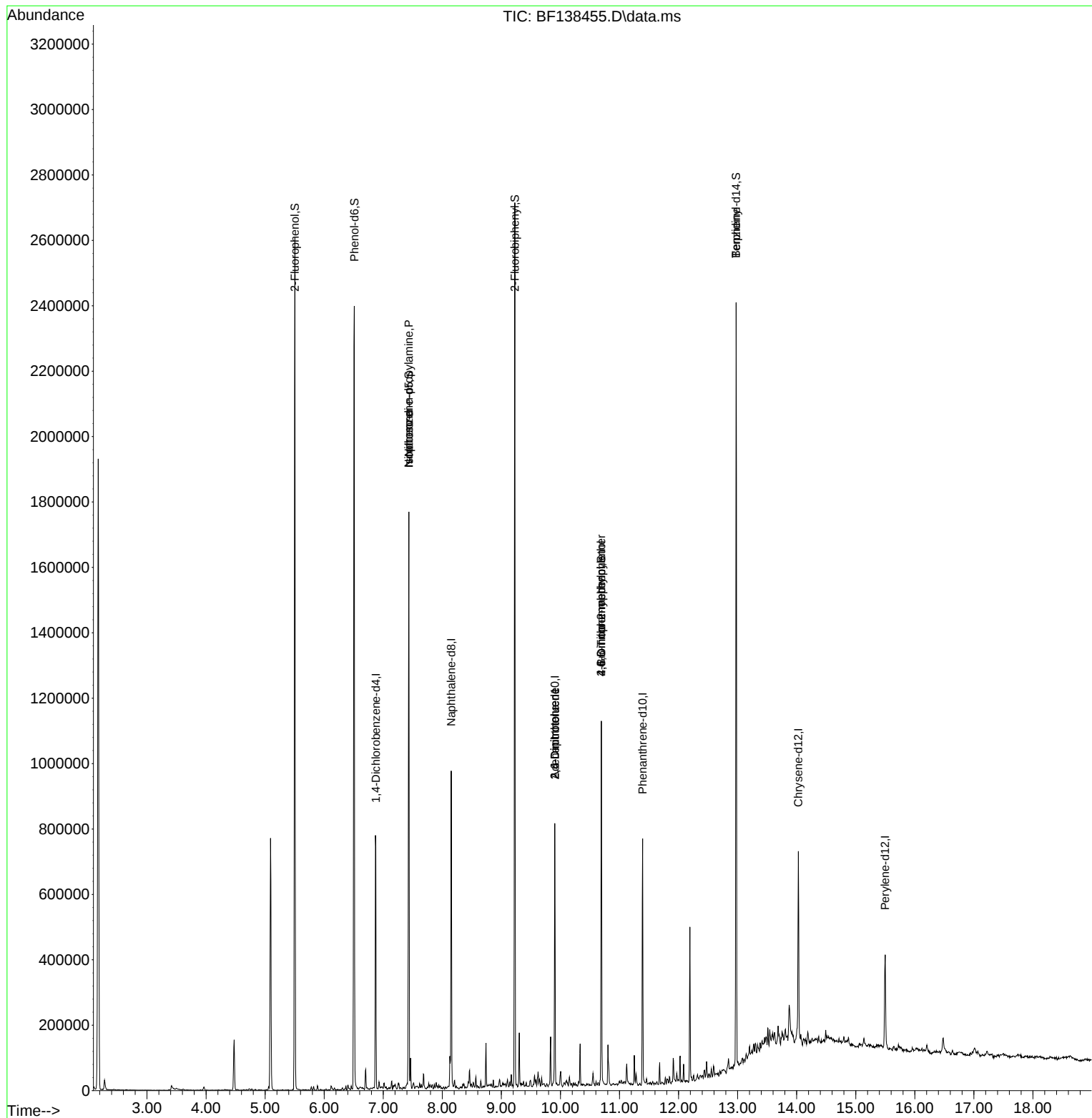
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106041	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	361514	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	144824	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	250925	20.000	ng	0.00
76) Chrysene-d12	14.027	240	173589	20.000	ng	0.00
86) Perylene-d12	15.498	264	134920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588626	92.032	ng	0.00
7) Phenol-d6	6.510	99	759699	88.174	ng	0.00
23) Nitrobenzene-d5	7.434	82	482500	69.333	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	105880	89.484	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	707277	77.722	ng	0.00
79) Terphenyl-d14	12.974	244	750957	59.285	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	64879	11.945	ng	# 76
25) Isophorone	7.434	82	480606	37.454	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	19763	9.481	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	19763	7.700	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	348	6.027	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	7329	2.717	ng	# 1
77) Benzidine	12.974	184	9936	7.158	ng	# 96

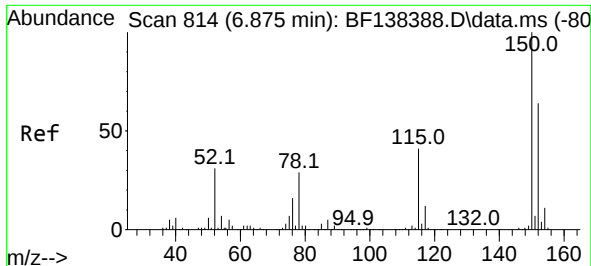
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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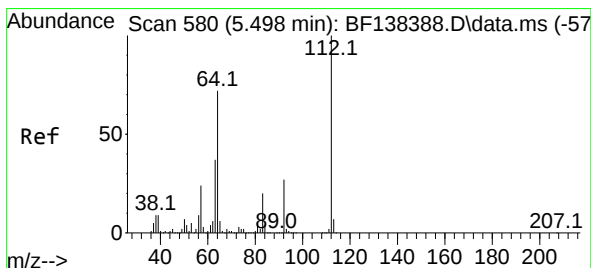
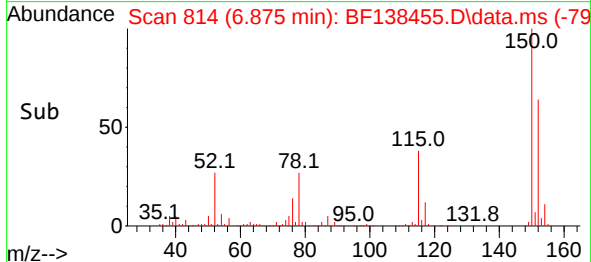
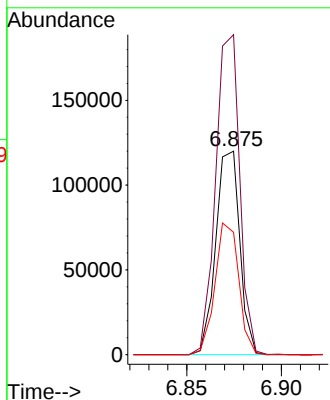
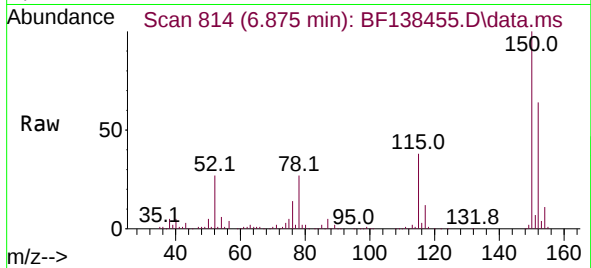




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

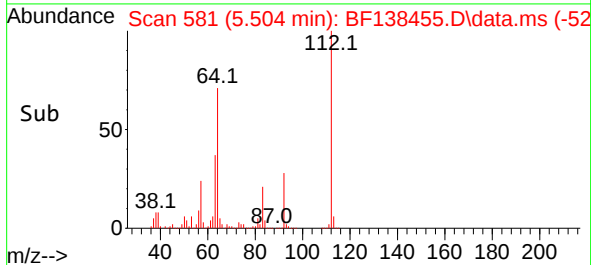
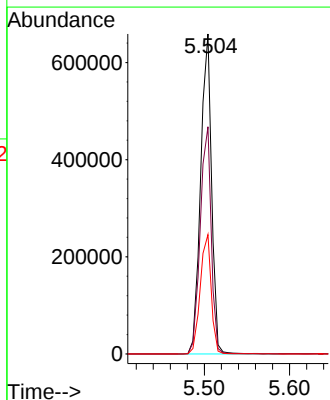
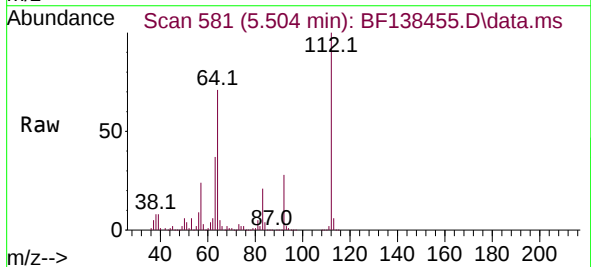
Instrument :
BNA_F
ClientSampleId :
VNJ-231

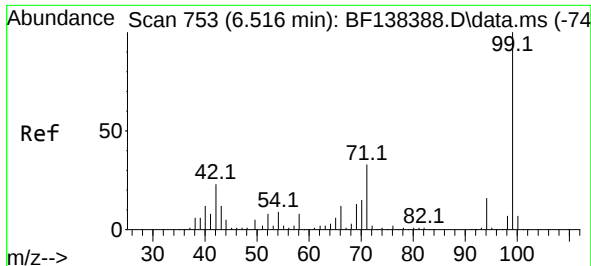
Tgt Ion:152 Resp: 106041
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 60.1 50.8 76.2



#5
2-Fluorophenol
Concen: 92.032 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:112 Resp: 588626
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.3 29.4 44.0

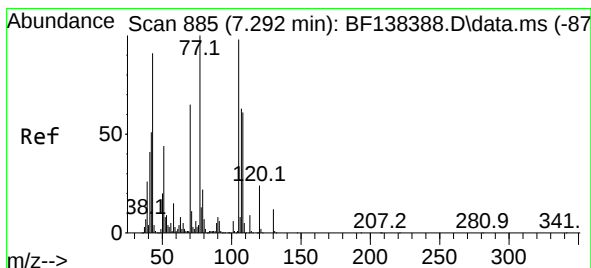
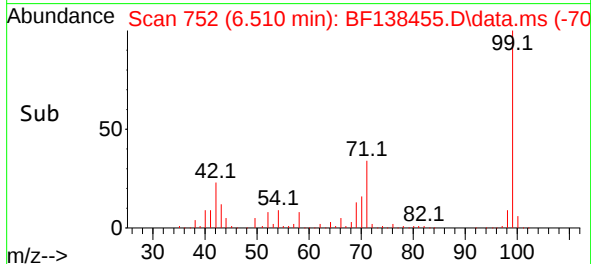
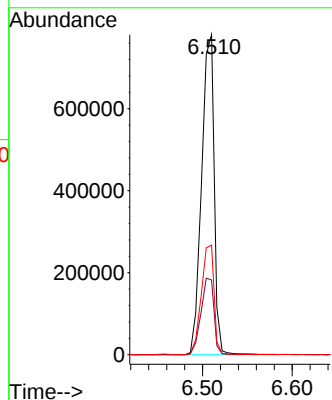
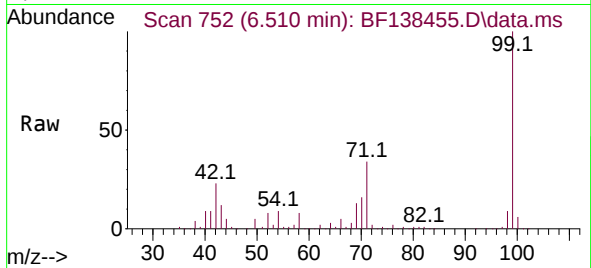




#7
Phenol-d6
Concen: 88.174 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

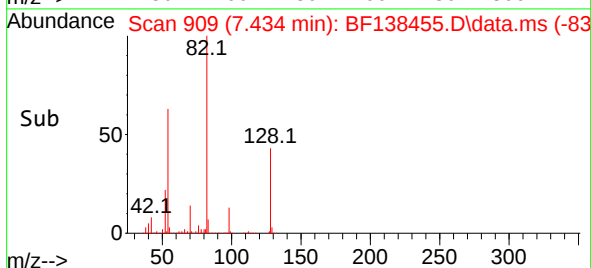
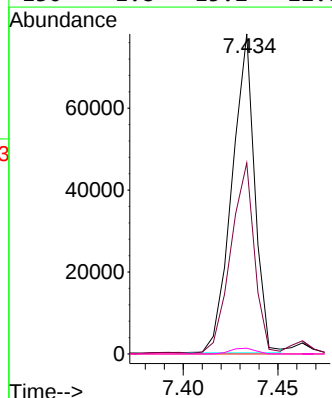
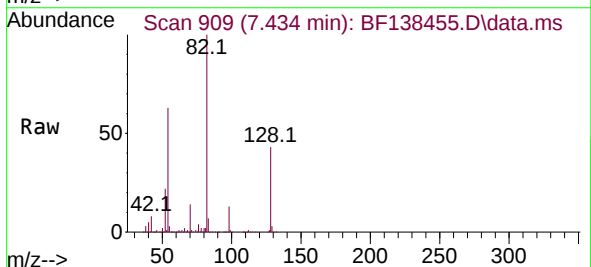
Instrument :
BNA_F
ClientSampleId :
VNJ-231

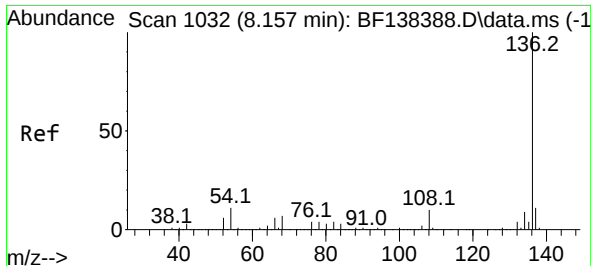
Tgt Ion: 99 Resp: 759699
Ion Ratio Lower Upper
99 100
42 23.4 18.5 27.7
71 34.2 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.945 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion: 70 Resp: 64879
Ion Ratio Lower Upper
70 100
42 59.7 62.5 93.7#
101 0.0 7.0 10.4#
130 1.8 15.2 22.8#

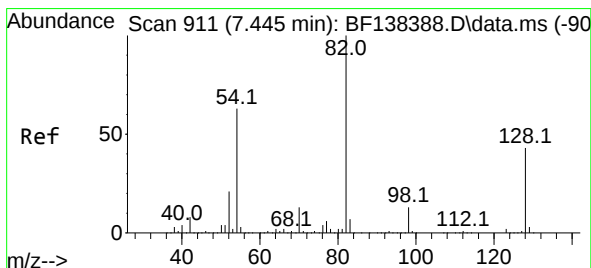
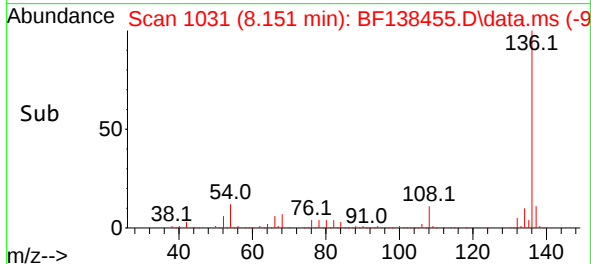
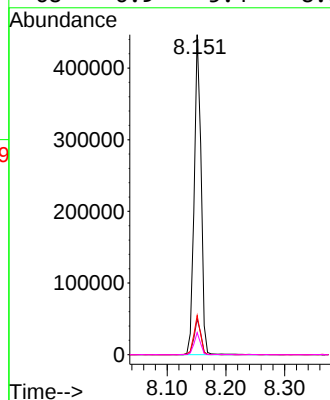
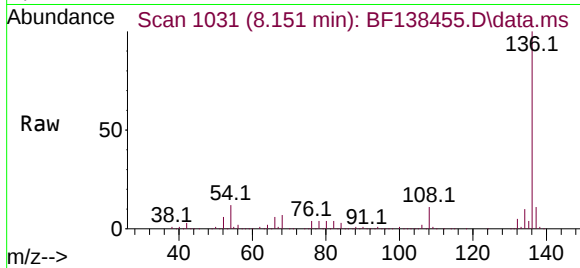




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

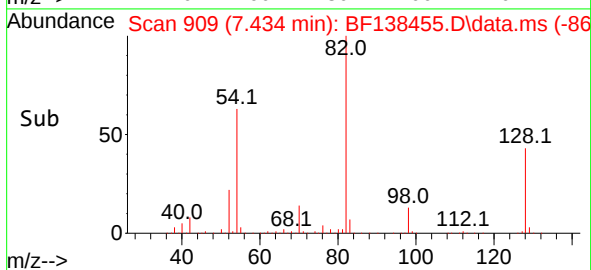
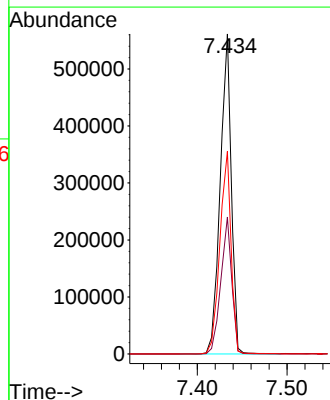
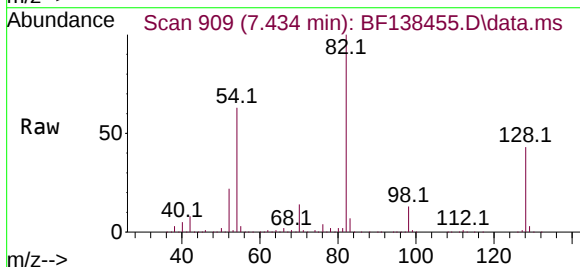
Instrument :
BNA_F
ClientSampleId :
VNJ-231

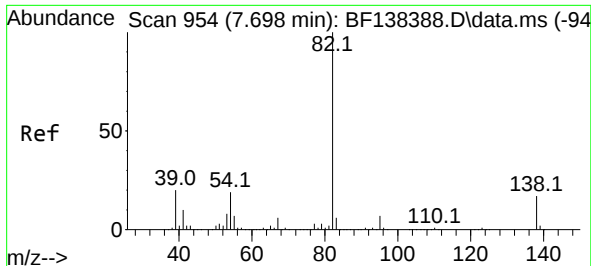
Tgt Ion:	136	Resp:	361514
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.2	9.0	13.4
68	6.9	5.4	8.0



#23
Nitrobenzene-d5
Concen: 69.333 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:	82	Resp:	482500
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	63.3	50.5	75.7

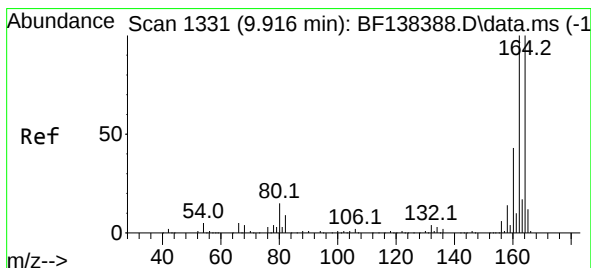
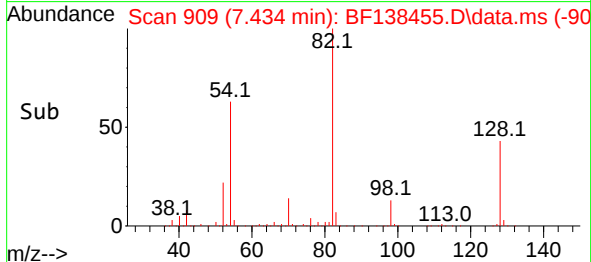
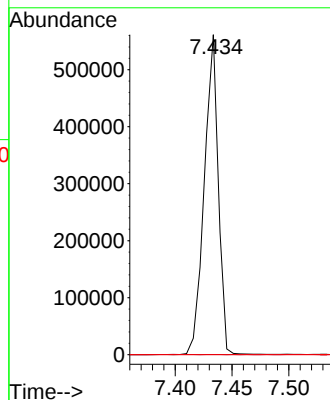
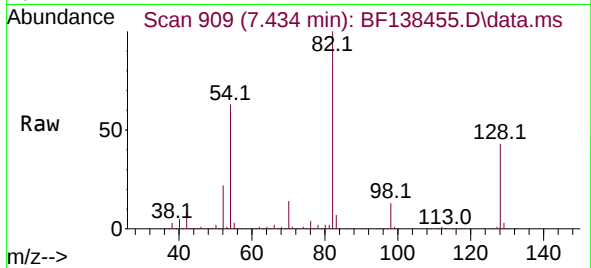




#25
Isophorone
Concen: 37.454 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

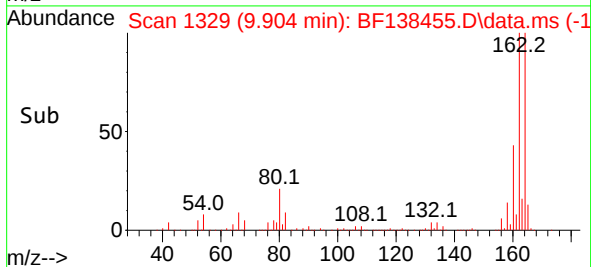
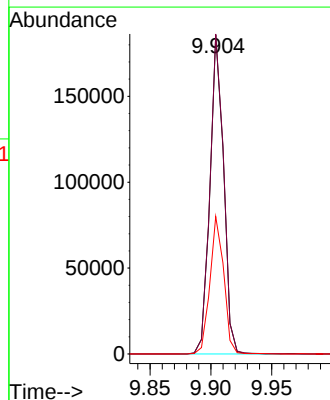
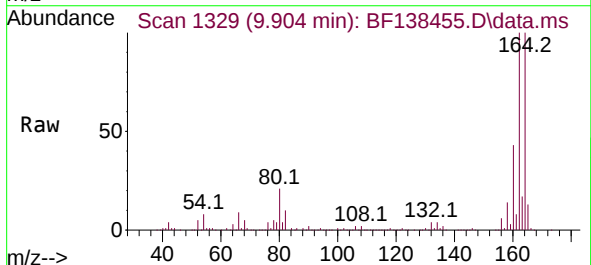
Instrument :
BNA_F
ClientSampleId :
VNJ-231

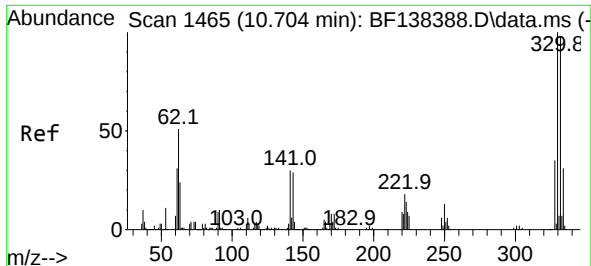
Tgt Ion: 82 Resp: 480606
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

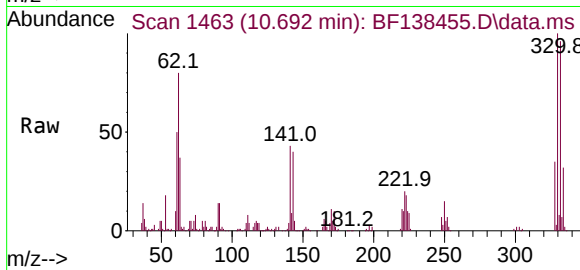
Tgt Ion:164 Resp: 144824
Ion Ratio Lower Upper
164 100
162 100.3 80.1 120.1
160 43.1 34.1 51.1



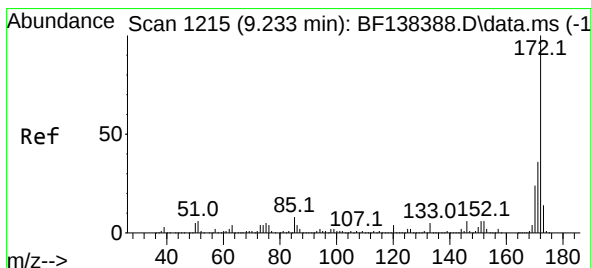
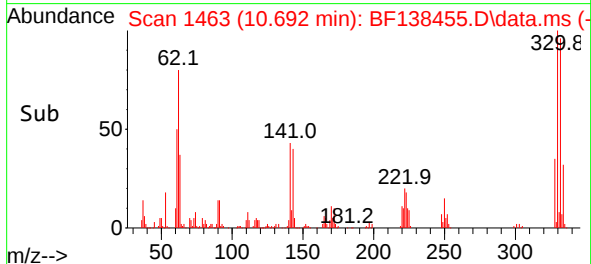
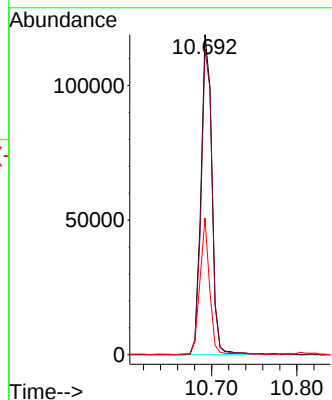


#42
2,4,6-Tribromophenol
Concen: 89.484 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Instrument :
BNA_F
ClientSampleId :
VNJ-231

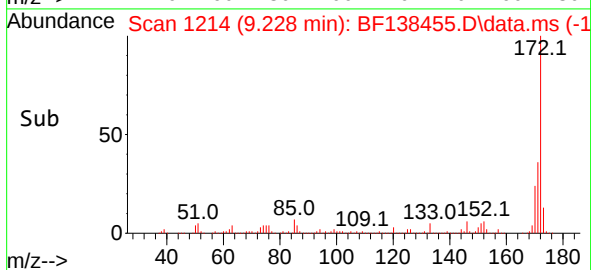
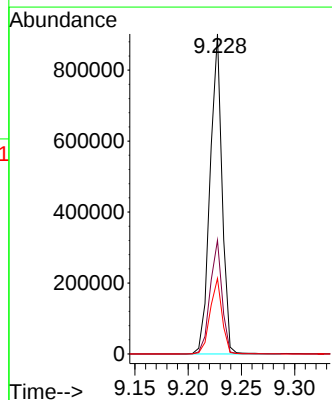
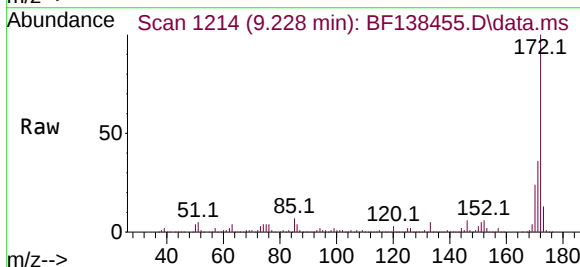


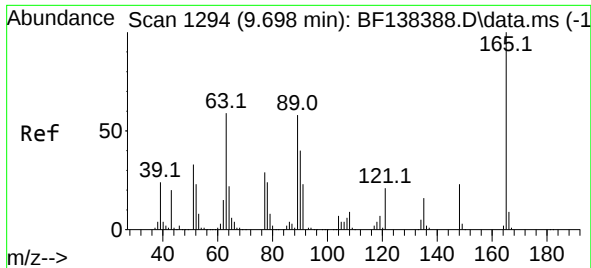
Tgt Ion:330 Resp: 105880
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 38.4 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 77.722 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:172 Resp: 707277
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.6 19.0 28.6

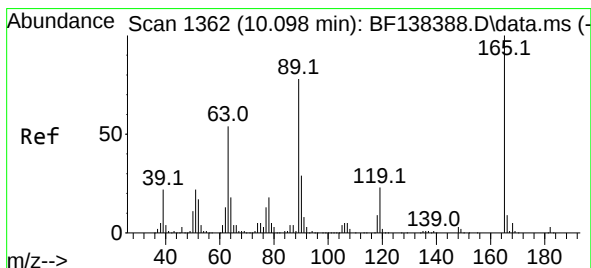
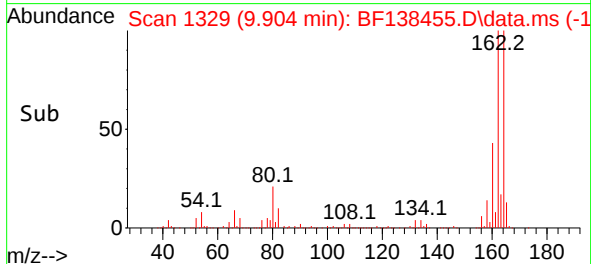
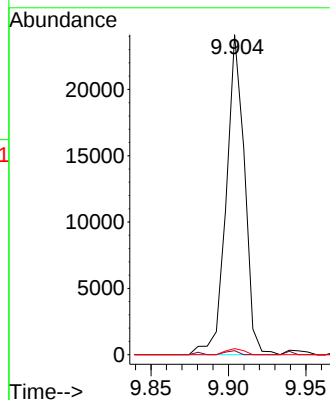
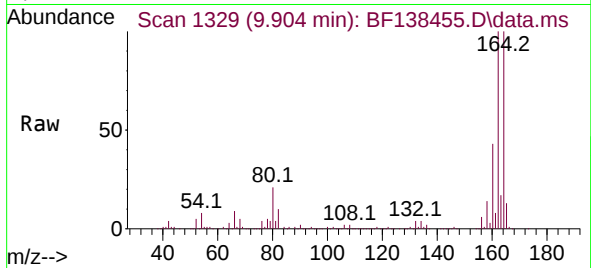




#51
2,6-Dinitrotoluene
Concen: 9.481 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

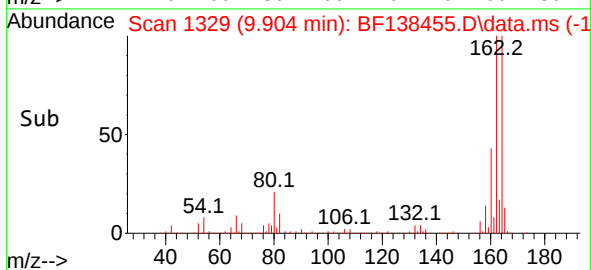
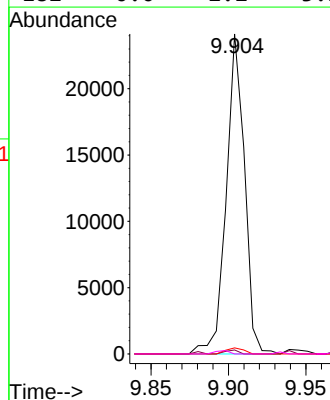
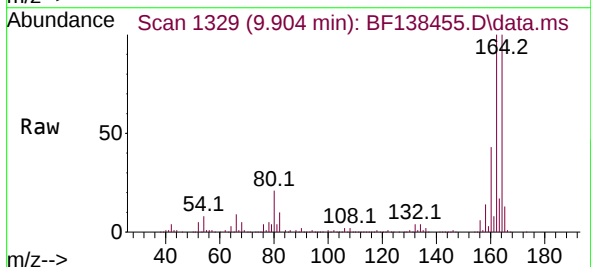
Instrument :
BNA_F
ClientSampleId :
VNJ-231

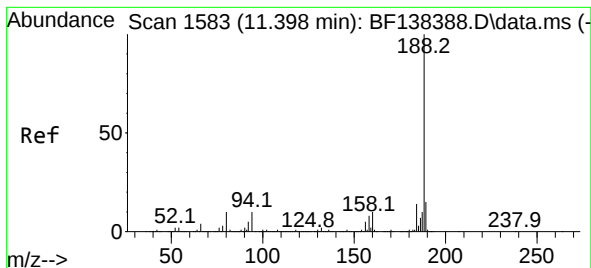
Tgt Ion:165 Resp: 19763
Ion Ratio Lower Upper
165 100
63 1.2 53.8 80.8#
89 1.9 46.4 69.6#



#57
2,4-Dinitrotoluene
Concen: 7.700 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:165 Resp: 19763
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.9 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138455.D

Acq: 03 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

VNJ-231

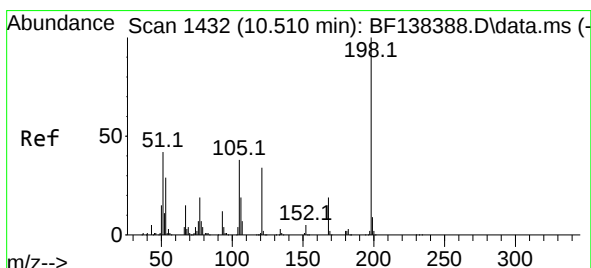
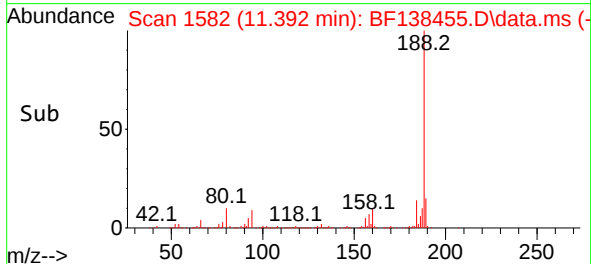
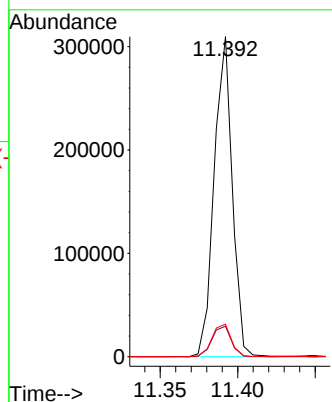
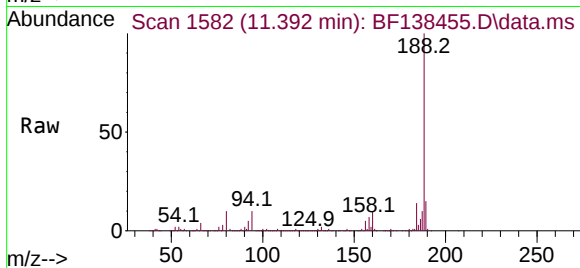
Tgt Ion:188 Resp: 250925

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

80 10.2 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.027 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.182 min

Lab File: BF138455.D

Acq: 03 Jul 2024 19:37

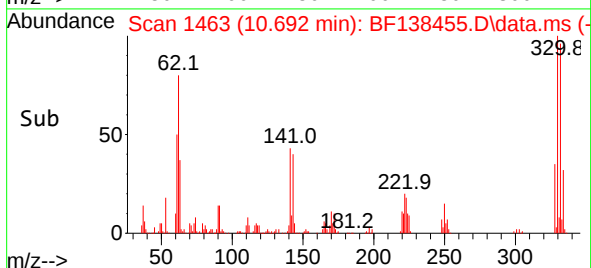
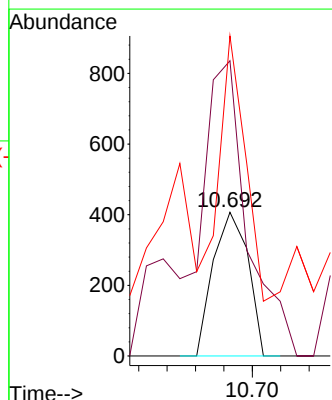
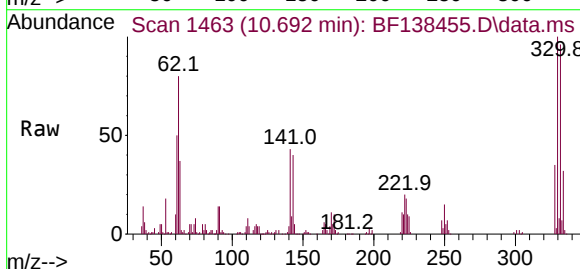
Tgt Ion:198 Resp: 348

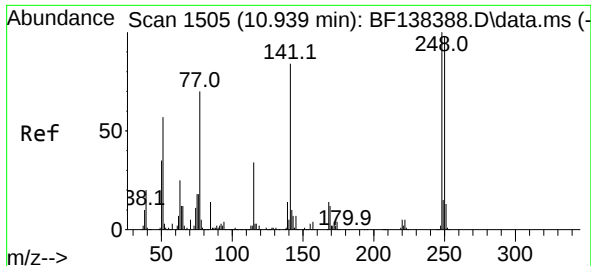
Ion Ratio Lower Upper

198 100

51 205.4 27.9 67.9#

105 222.6 18.2 58.2#

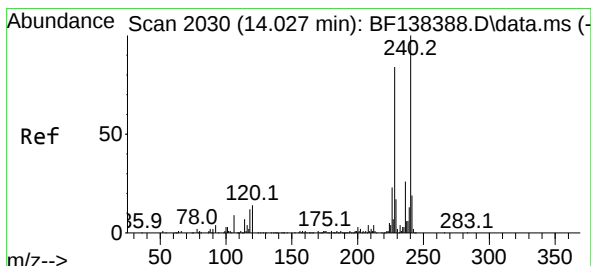
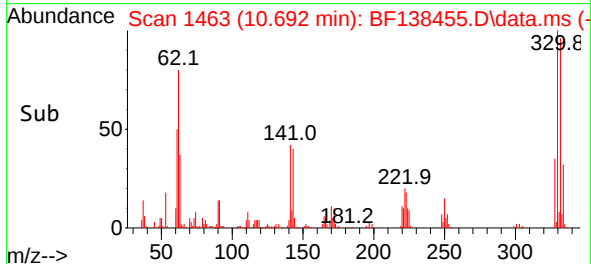
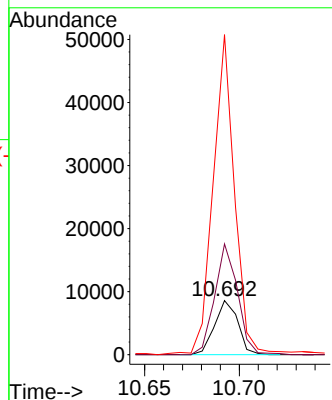
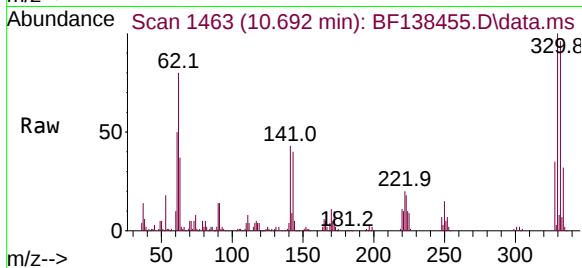




#67
4-Bromophenyl-phenylether
Concen: 2.717 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

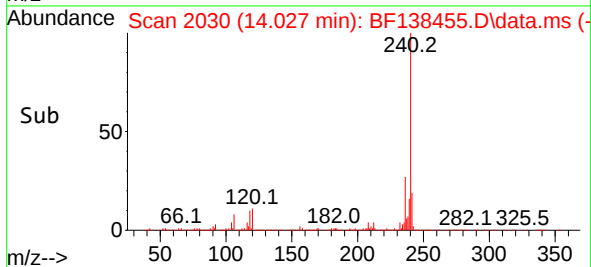
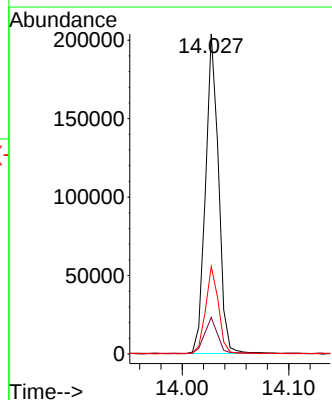
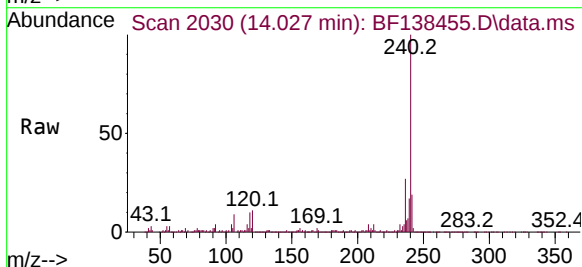
Instrument :
BNA_F
ClientSampleId :
VNJ-231

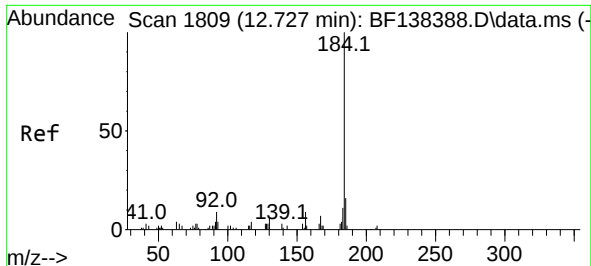
Tgt Ion:248 Resp: 7329
Ion Ratio Lower Upper
248 100
250 204.5 78.2 117.4#
141 591.3 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

Tgt Ion:240 Resp: 173589
Ion Ratio Lower Upper
240 100
120 11.4 10.9 16.3
236 27.3 20.6 30.8

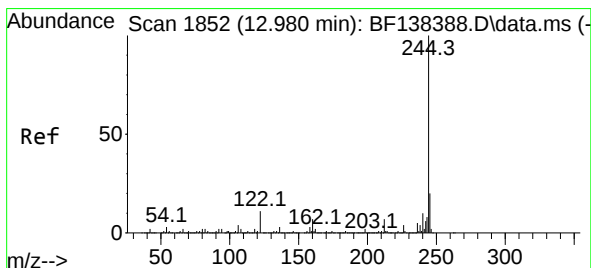
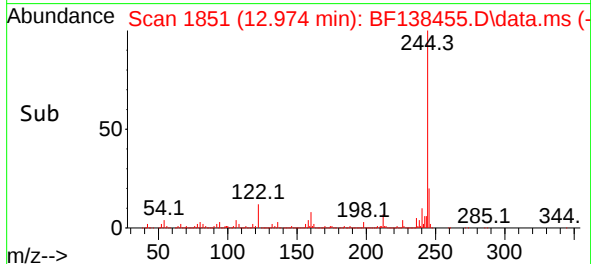
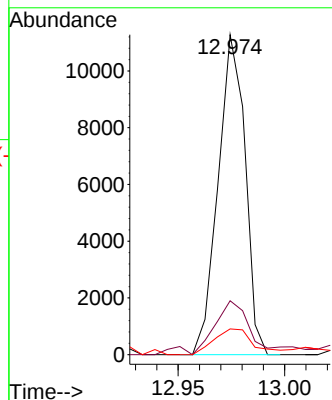
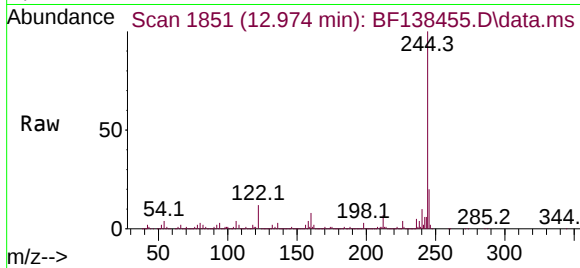




#77
Benzidine
Concen: 7.158 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

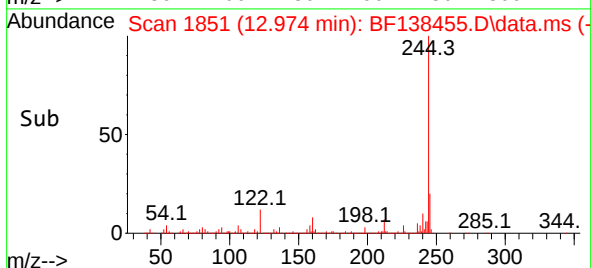
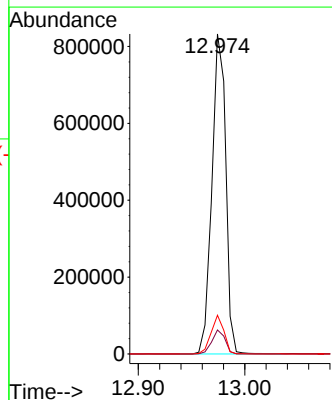
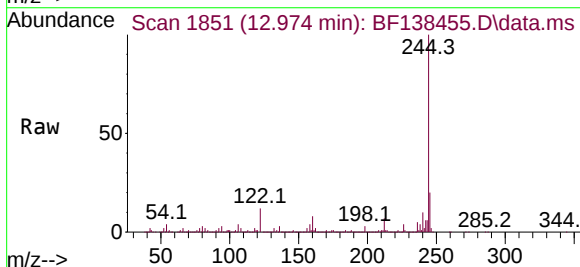
Instrument :
BNA_F
ClientSampleId :
VNJ-231

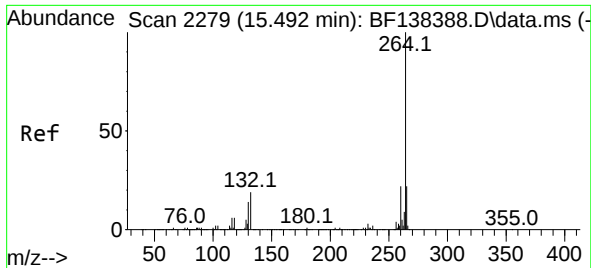
Tgt Ion:184 Resp: 9936
Ion Ratio Lower Upper
184 100
185 16.9 13.0 19.4
183 8.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 59.285 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138455.D
Acq: 03 Jul 2024 19:37

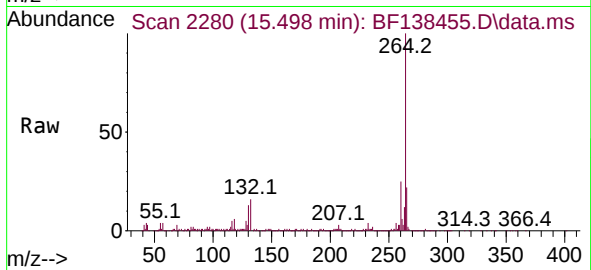
Tgt Ion:244 Resp: 750957
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138455.D
 Acq: 03 Jul 2024 19:37

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231



Tgt Ion:264 Resp: 134920
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.8 26.6
 265 21.5 17.5 26.3

