

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138434.D
 Acq On : 02 Jul 2024 18:39
 Operator : CG\JU
 Sample : P3134-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Quant Time: Jul 03 01:12:28 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)

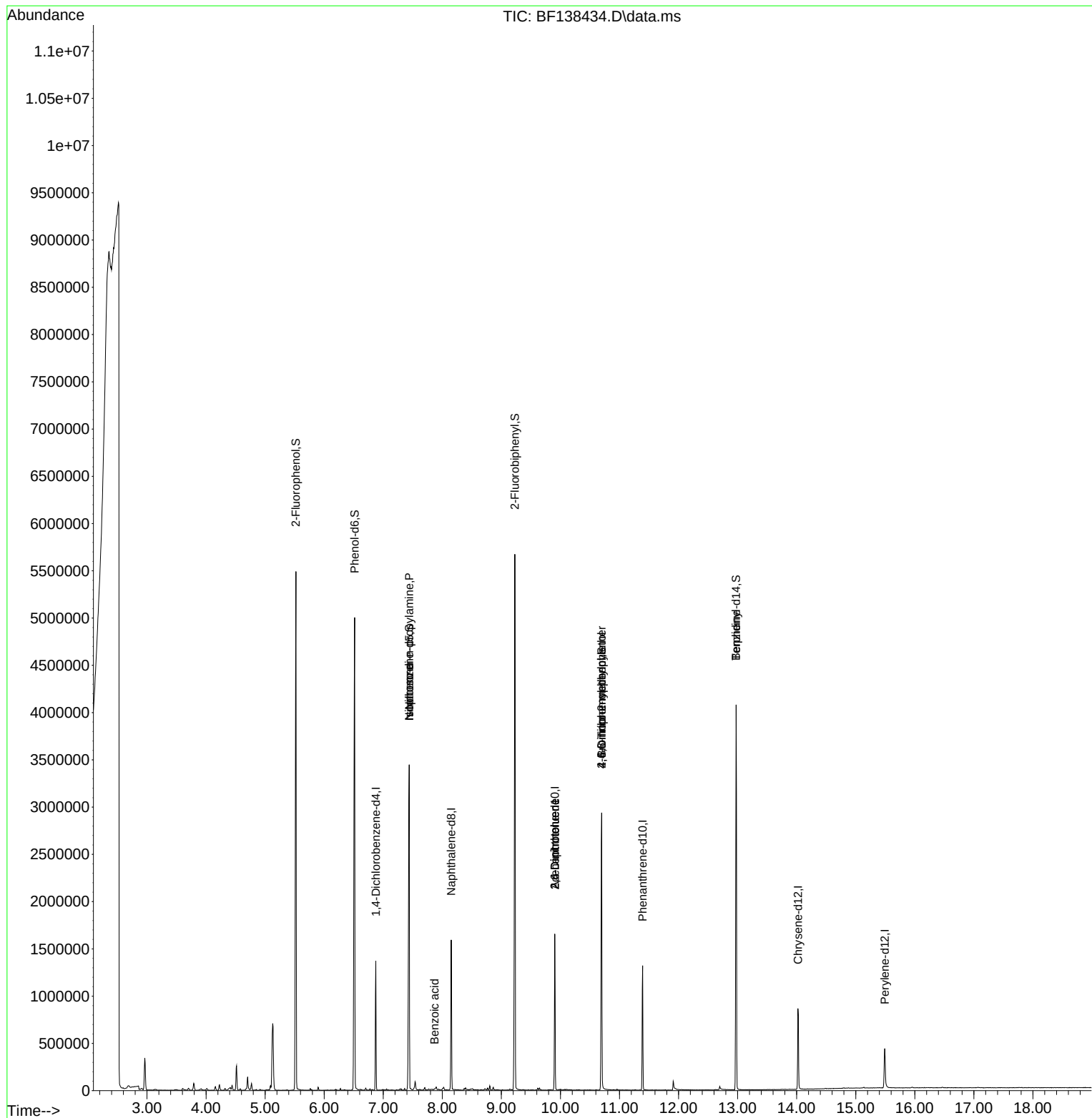
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171303	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	652502	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	325833	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	452219	20.000	ng	0.00
76) Chrysene-d12	14.021	240	287959	20.000	ng	0.00
86) Perylene-d12	15.492	264	196232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1378782	133.445	ng	0.02
7) Phenol-d6	6.516	99	1750873	125.795	ng	0.00
23) Nitrobenzene-d5	7.439	82	1196904	95.289	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	339817	127.650	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1867612	91.219	ng	0.00
79) Terphenyl-d14	12.974	244	1406422	66.933	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	161459	18.401	ng	# 75
25) Isophorone	7.439	82	1194819	51.588	ng	# 67
32) Benzoic acid	7.869	122	4316	4.712	ng	93
51) 2,6-Dinitrotoluene	9.904	165	42102	8.977	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	42102	7.291	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	912	6.131	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	23012	4.734	ng	# 1
77) Benzidine	12.974	184	18380	7.982	ng	# 91

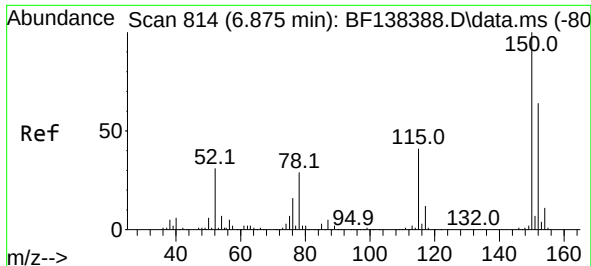
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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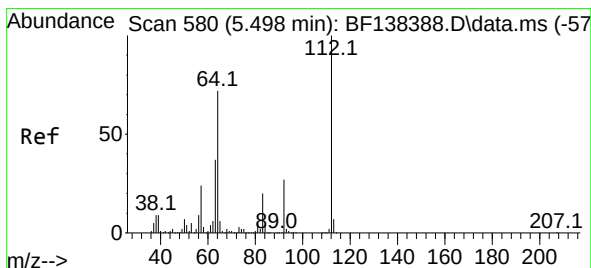
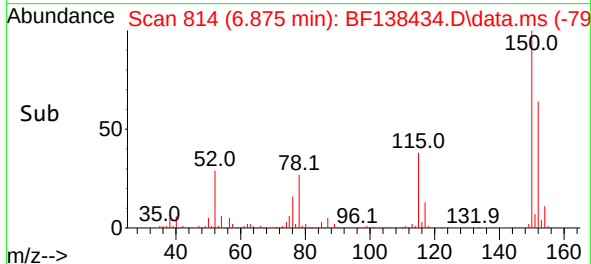
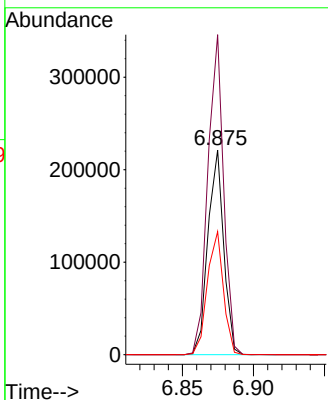
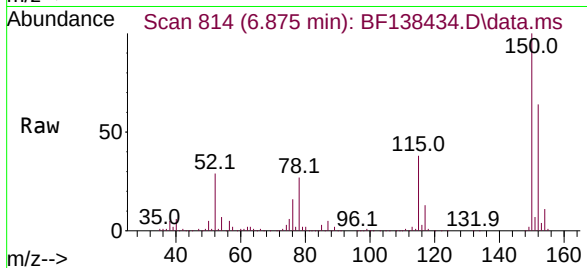




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

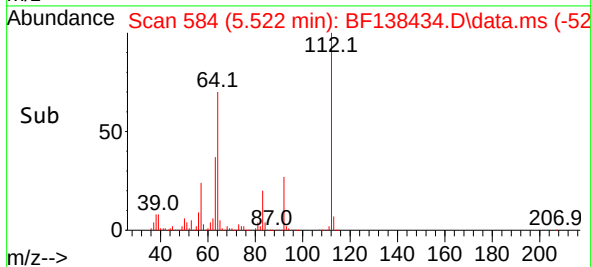
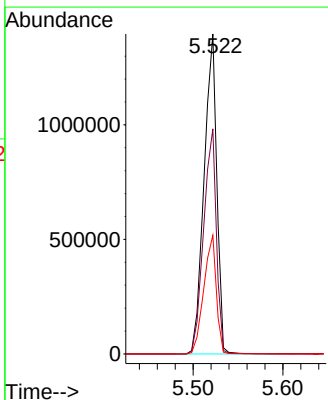
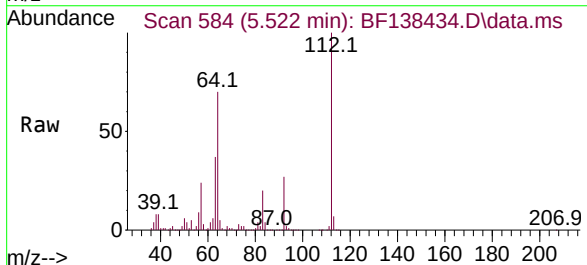
Instrument :
BNA_F
ClientSampleId :
VNJ-238

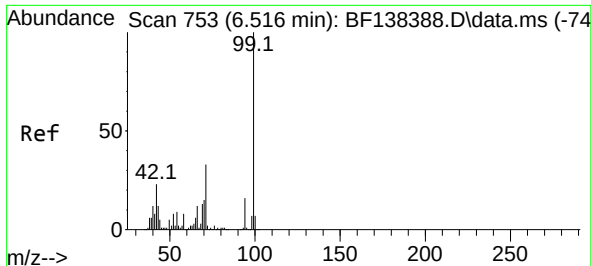
Tgt Ion:152 Resp: 171303
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 60.2 50.8 76.2



#5
2-Fluorophenol
Concen: 133.445 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.024 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion:112 Resp: 1378782
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 37.1 29.4 44.0

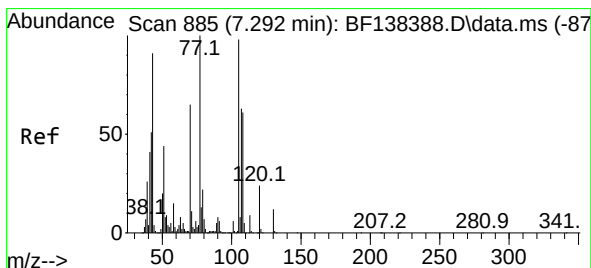
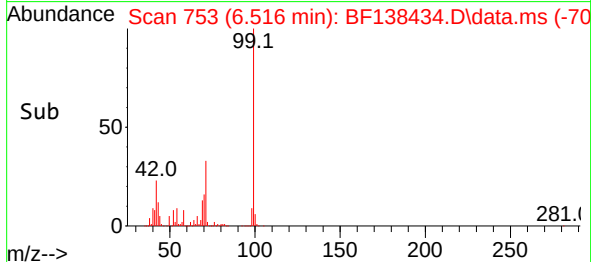
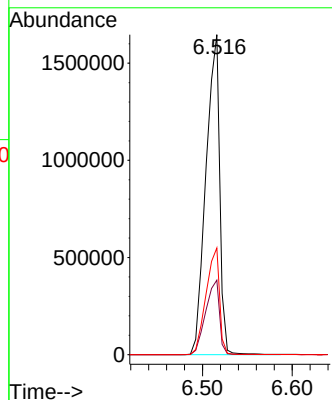
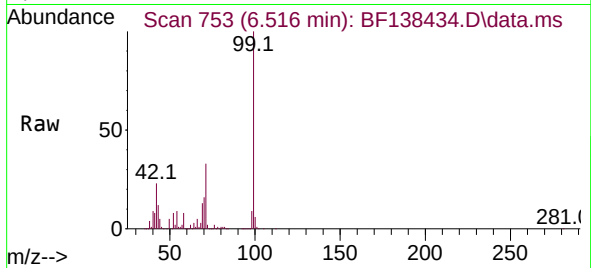




#7
Phenol-d6
Concen: 125.795 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

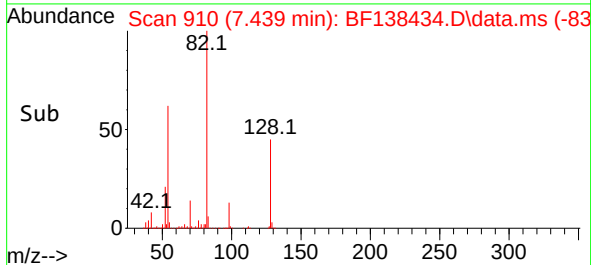
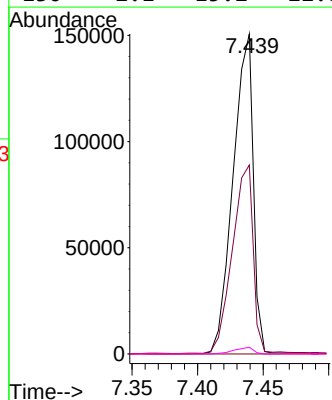
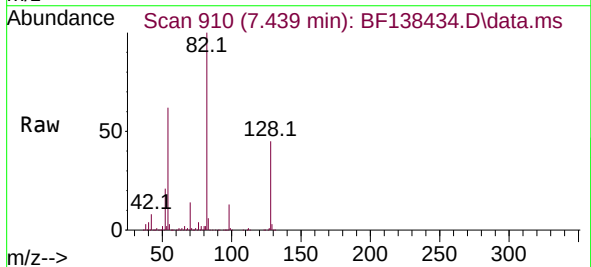
Instrument :
BNA_F
ClientSampleId :
VNJ-238

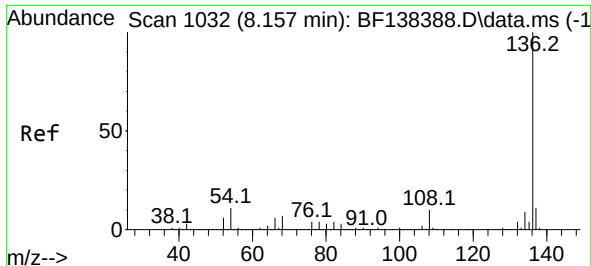
Tgt Ion: 99 Resp: 1750873
Ion Ratio Lower Upper
99 100
42 23.3 18.5 27.7
71 33.4 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.401 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion: 70 Resp: 161459
Ion Ratio Lower Upper
70 100
42 59.0 62.5 93.7#
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#



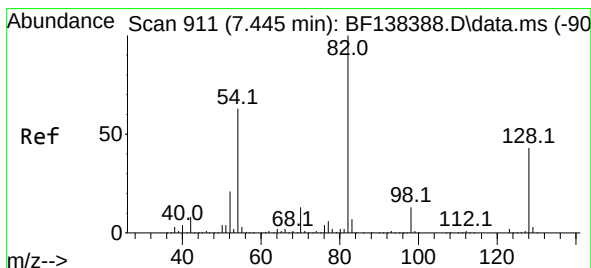
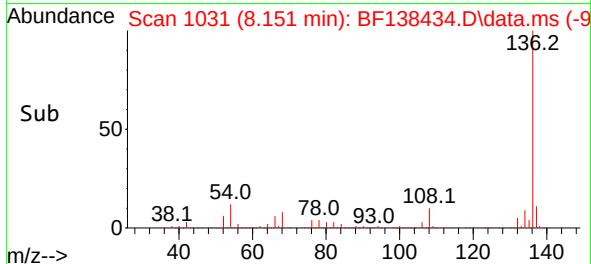
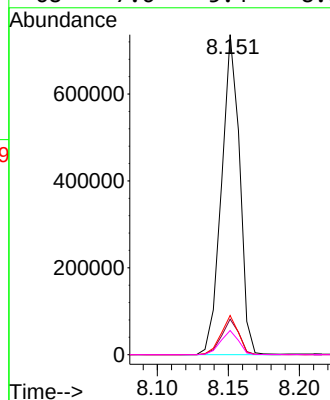
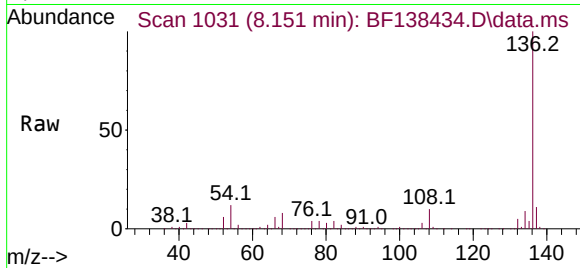


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Tgt Ion:136 Resp: 652502

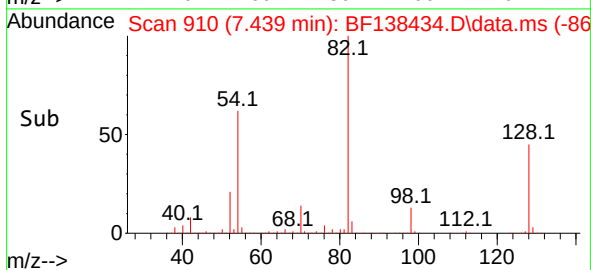
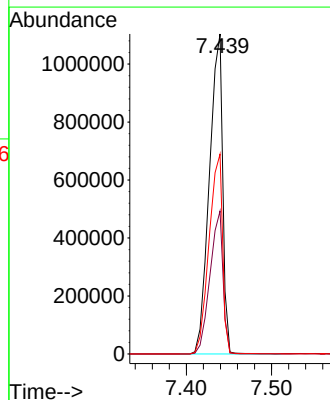
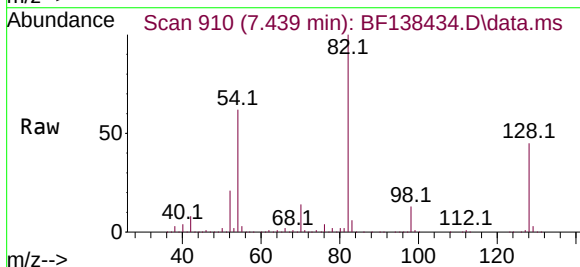
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.3	9.0	13.4
68	7.6	5.4	8.0

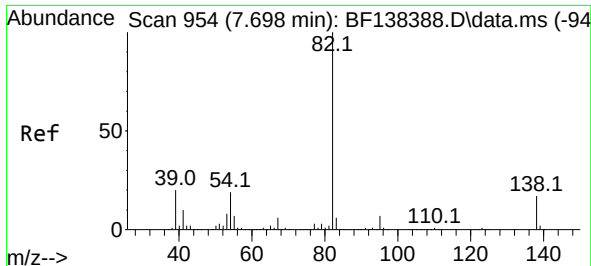


#23
Nitrobenzene-d5
Concen: 95.289 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion: 82 Resp: 1196904

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	62.5	50.5	75.7

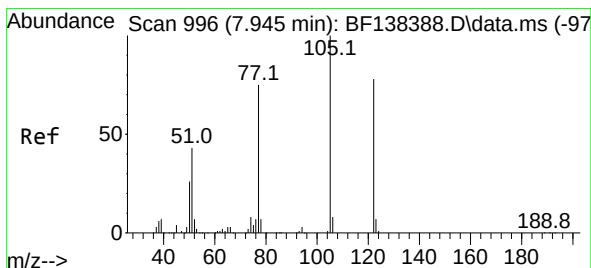
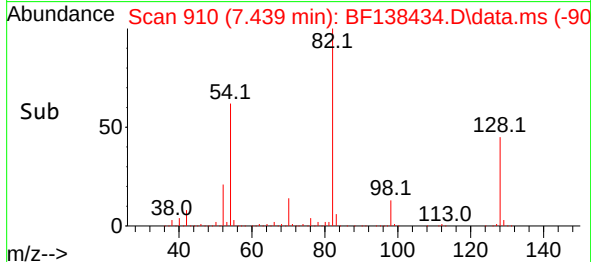
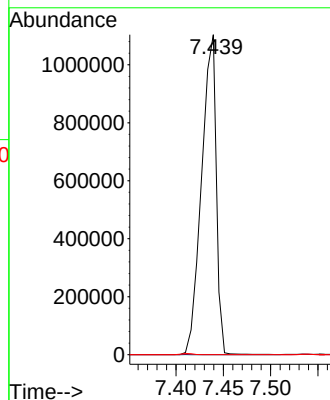
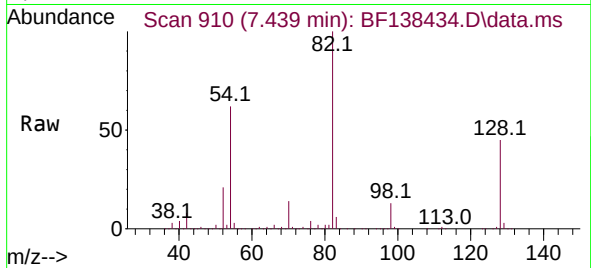




#25
Isophorone
Concen: 51.588 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

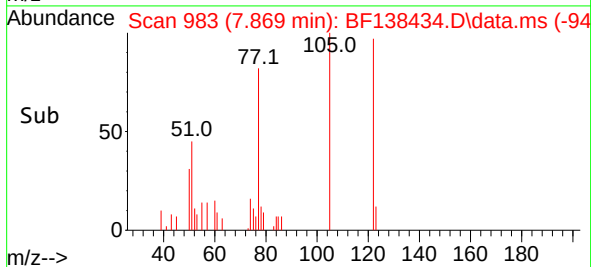
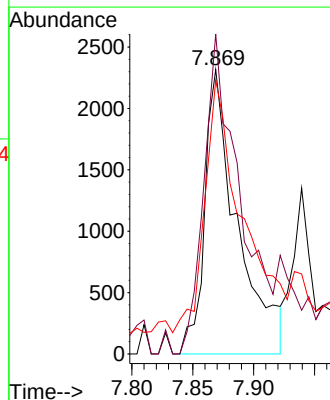
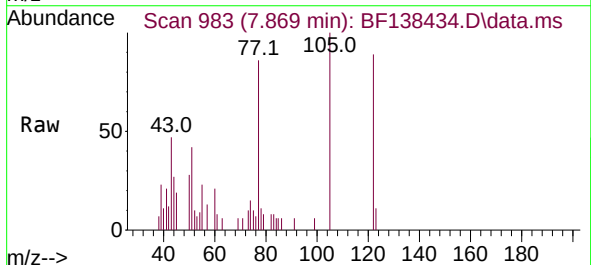
Instrument :
BNA_F
ClientSampleId :
VNJ-238

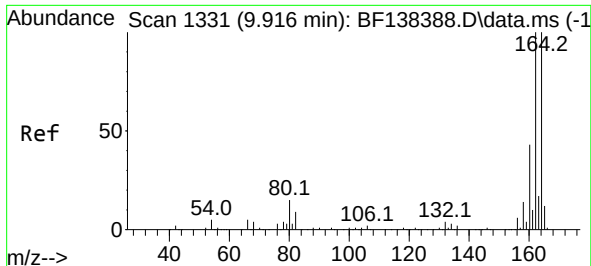
Tgt Ion: 82 Resp: 1194819
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.712 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion: 122 Resp: 4316
Ion Ratio Lower Upper
122 100
105 112.6 103.8 143.8
77 96.3 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138434.D

Acq: 02 Jul 2024 18:39

Instrument :

BNA_F

ClientSampleId :

VNJ-238

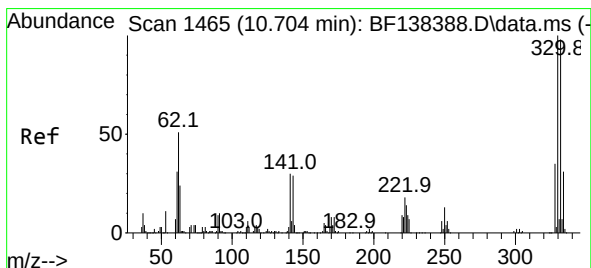
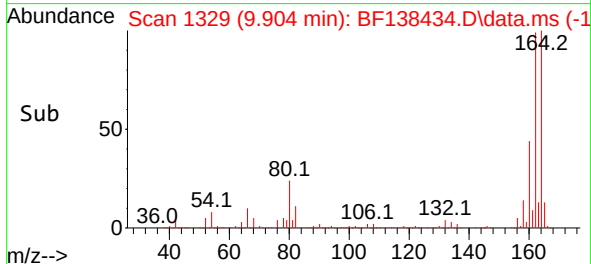
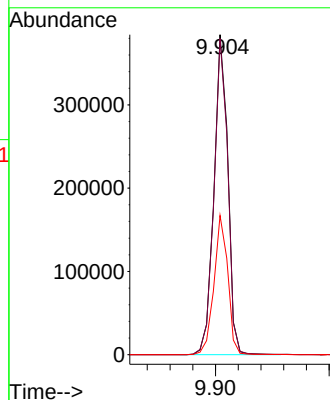
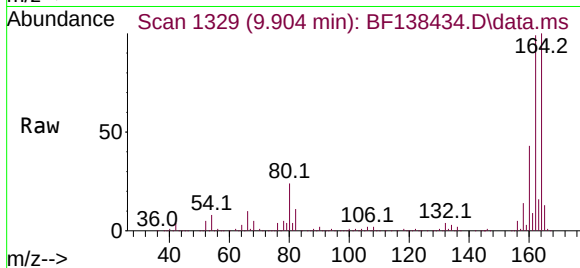
Tgt Ion:164 Resp: 325833

Ion Ratio Lower Upper

164 100

162 98.8 80.1 120.1

160 43.5 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 127.650 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138434.D

Acq: 02 Jul 2024 18:39

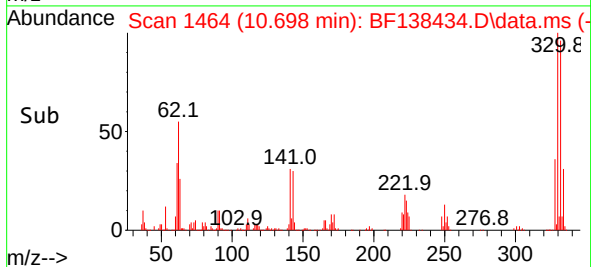
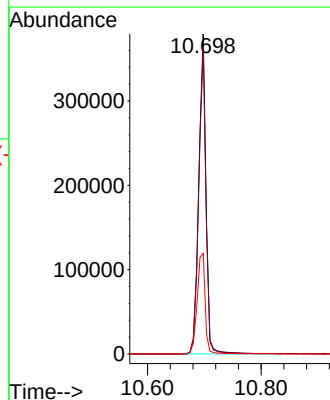
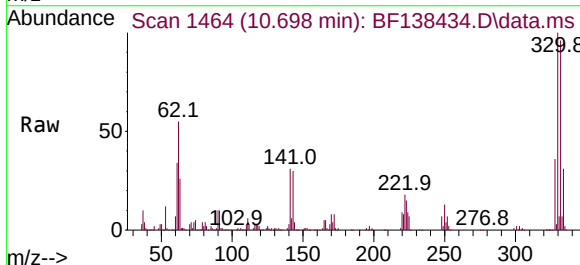
Tgt Ion:330 Resp: 339817

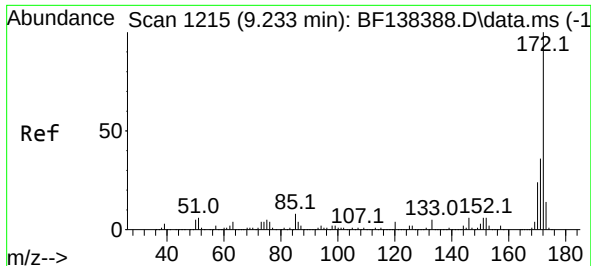
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 34.9 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 91.219 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138434.D

Acq: 02 Jul 2024 18:39

Instrument :

BNA_F

ClientSampleId :

VNJ-238

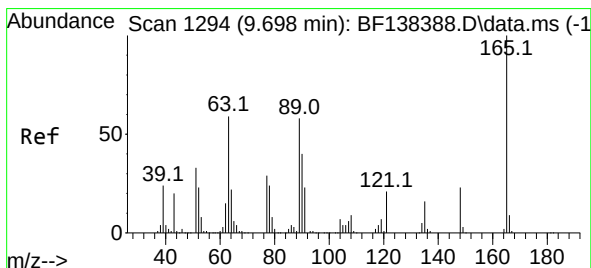
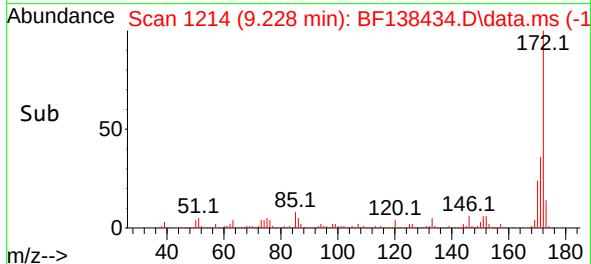
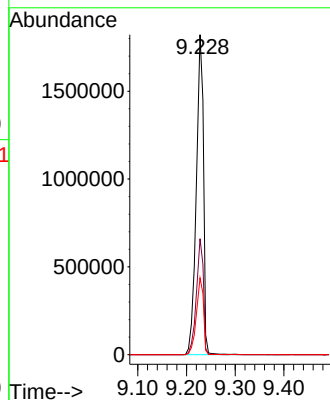
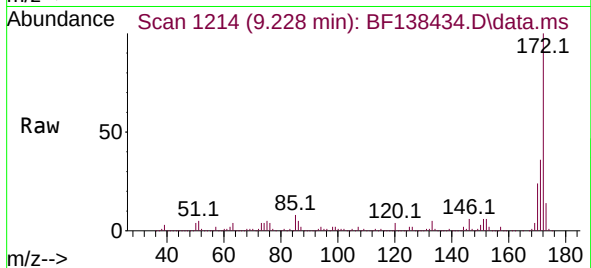
Tgt Ion:172 Resp: 1867612

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.977 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138434.D

Acq: 02 Jul 2024 18:39

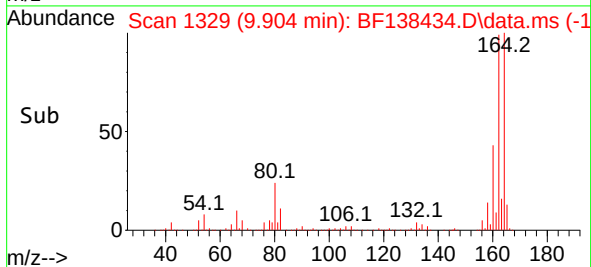
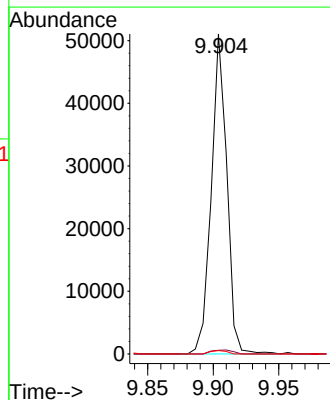
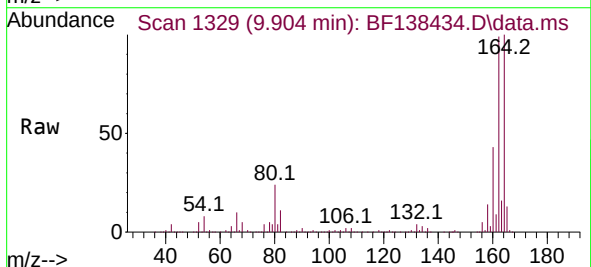
Tgt Ion:165 Resp: 42102

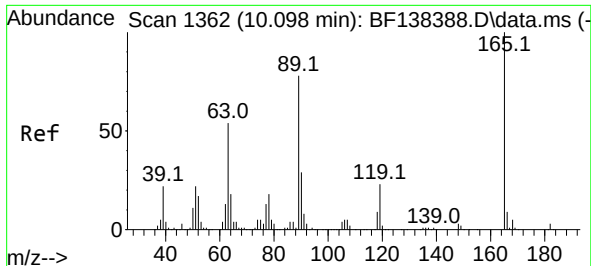
Ion Ratio Lower Upper

165 100

63 1.2 53.8 80.8#

89 1.0 46.4 69.6#

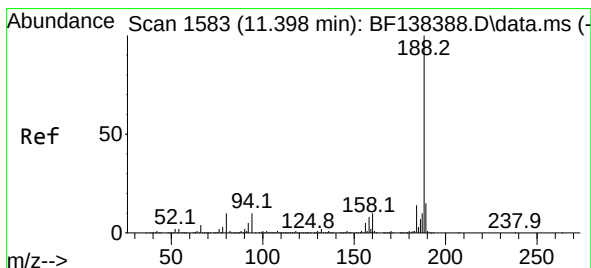
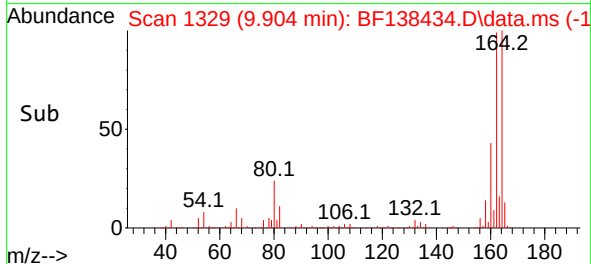
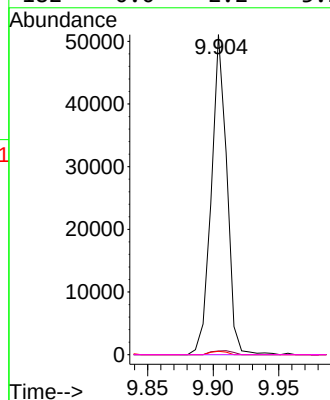
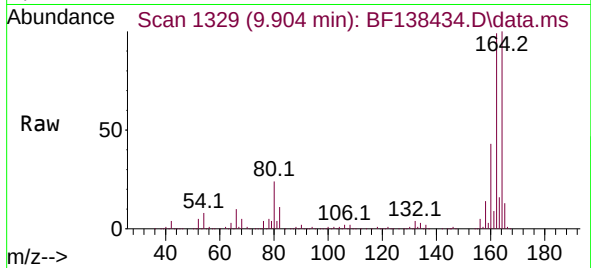




#57
2,4-Dinitrotoluene
Concen: 7.291 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

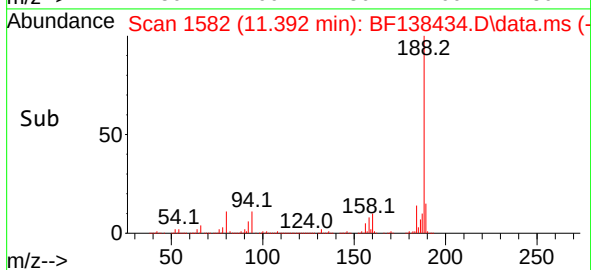
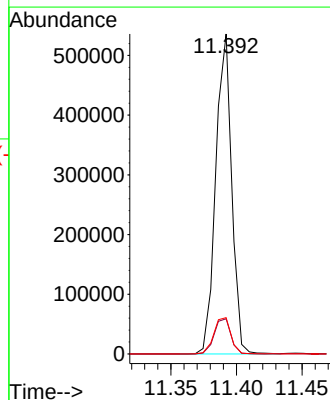
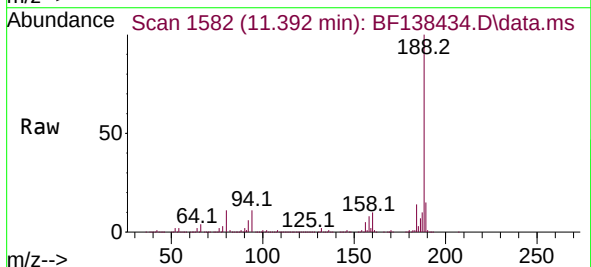
Instrument :
BNA_F
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VNJ-238

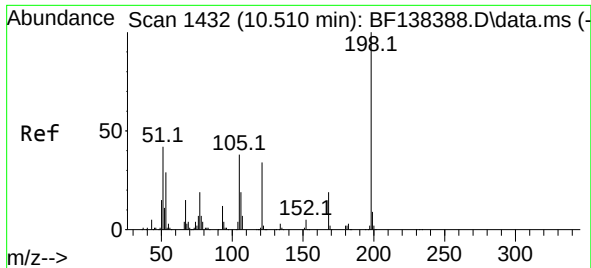
Tgt Ion:165	Resp:	42102
Ion Ratio	Lower	Upper
165	100	
63	1.2	43.4 65.2#
89	1.0	62.6 93.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion:188	Resp:	452219
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.0 12.0
80	11.3	8.2 12.4

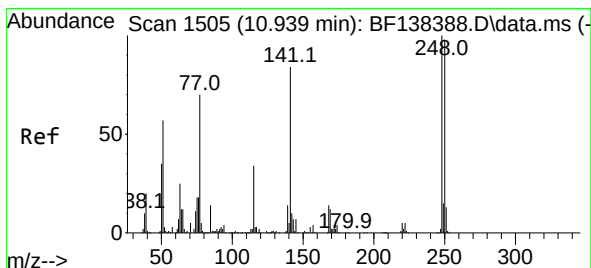
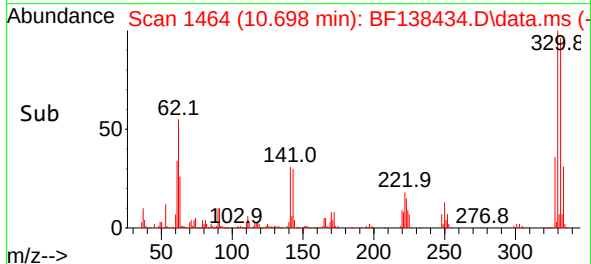
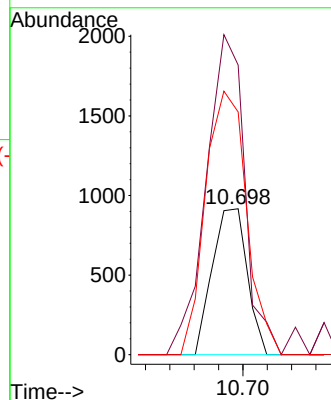
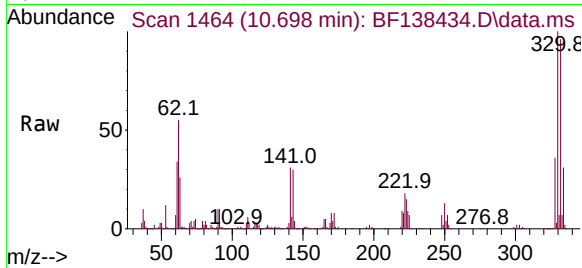




#65
4,6-Dinitro-2-methylphenol
Concen: 6.131 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

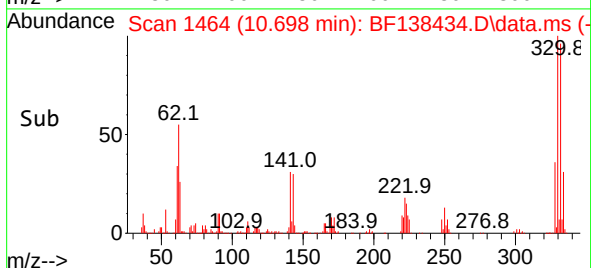
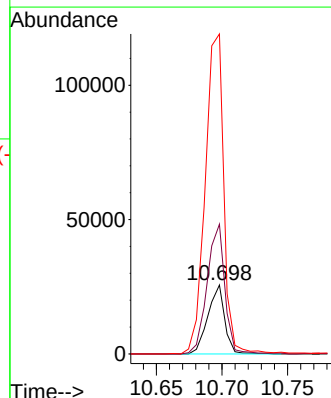
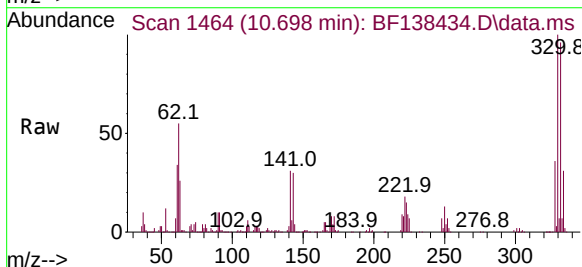
Instrument :
BNA_F
ClientSampleId :
VNJ-238

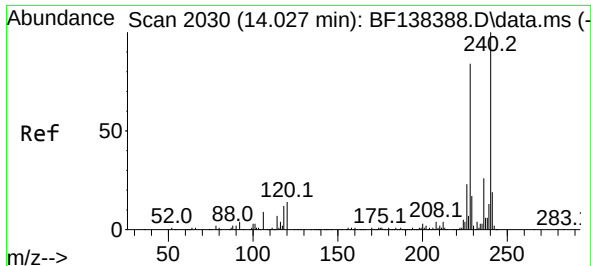
Tgt Ion:198 Resp: 912
Ion Ratio Lower Upper
198 100
51 198.4 27.9 67.9#
105 166.3 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 4.734 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion:248 Resp: 23012
Ion Ratio Lower Upper
248 100
250 187.9 78.2 117.4#
141 463.6 67.6 101.4#

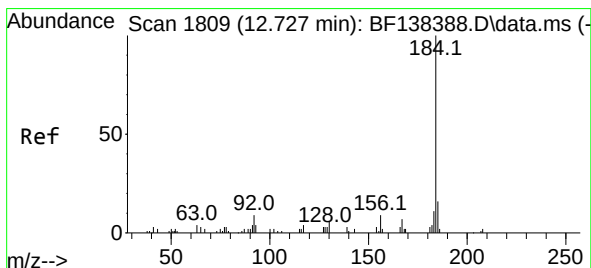
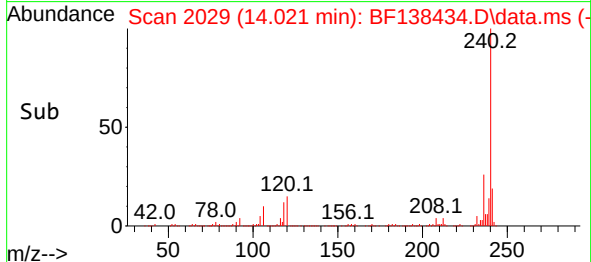
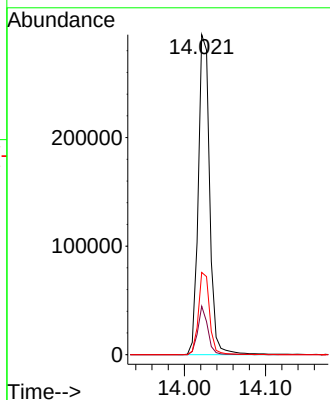
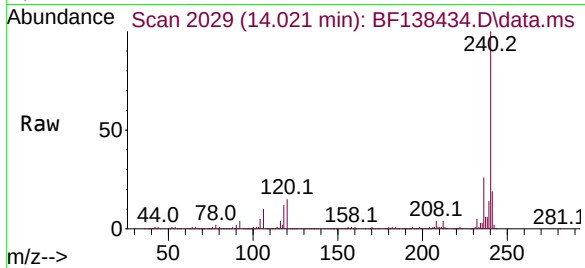




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

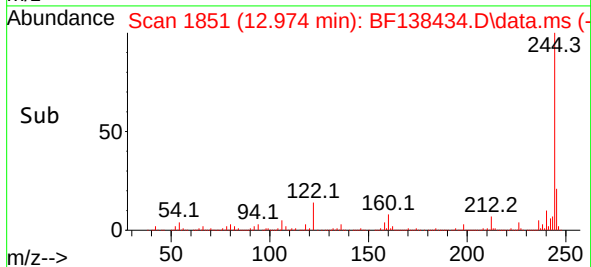
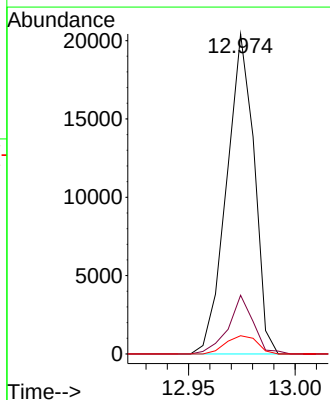
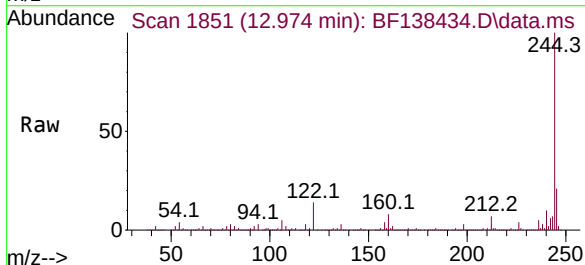
Instrument :
BNA_F
ClientSampleId :
VNJ-238

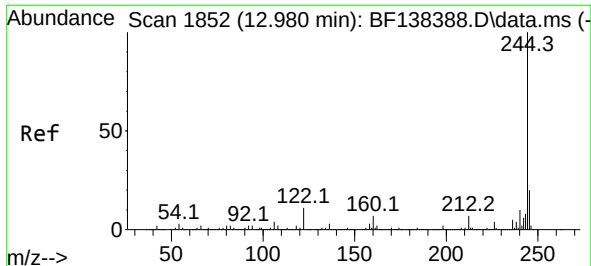
Tgt Ion:240 Resp: 287959
Ion Ratio Lower Upper
240 100
120 15.1 10.9 16.3
236 25.7 20.6 30.8



#77
Benzidine
Concen: 7.982 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138434.D
Acq: 02 Jul 2024 18:39

Tgt Ion:184 Resp: 18380
Ion Ratio Lower Upper
184 100
185 18.4 13.0 19.4
183 5.7 9.0 13.6#

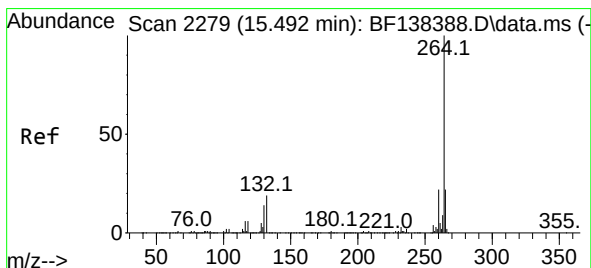
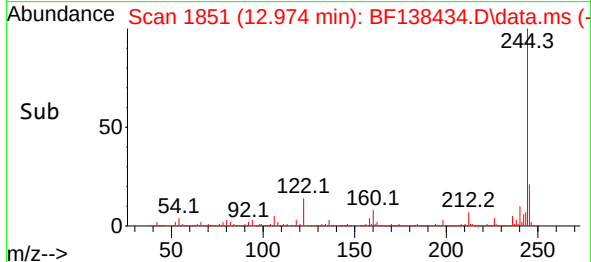
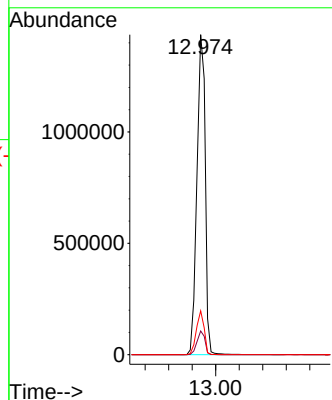
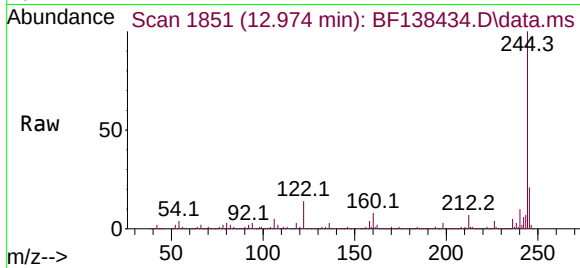




#79
 Terphenyl-d14
 Concen: 66.933 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138434.D
 Acq: 02 Jul 2024 18:39

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Tgt Ion:244 Resp: 1406422
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 13.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF138434.D
 Acq: 02 Jul 2024 18:39

Tgt Ion:264 Resp: 196232
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.8 26.6
 265 21.2 17.5 26.3

