

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128172.D
 Acq On : 10 May 2022 20:59
 Operator : CG\JU
 Sample : N2755-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

Quant Time: May 11 04:01:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

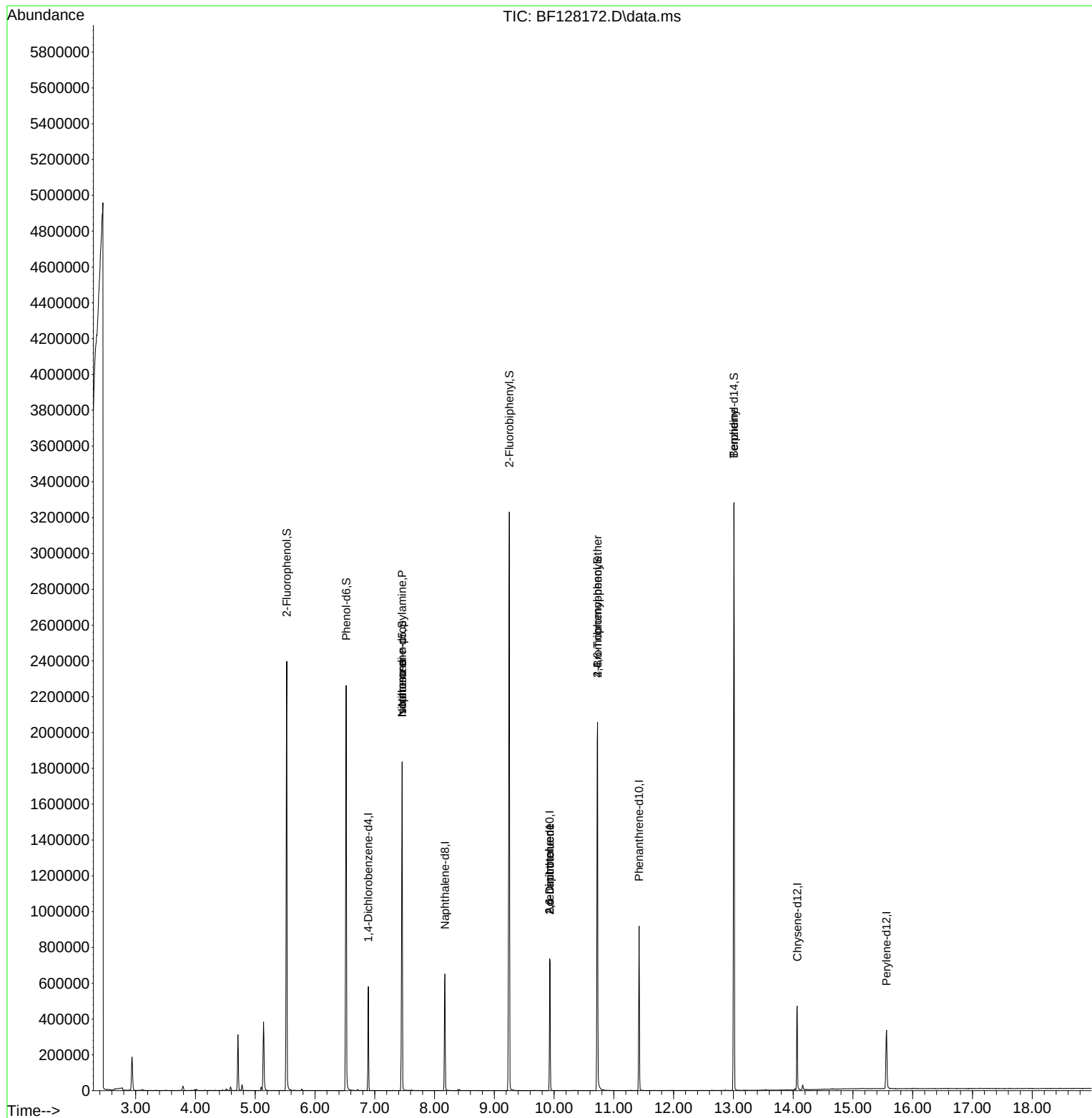
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75517	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	292102	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	166342	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	309262	20.000	ng	0.00
76) Chrysene-d12	14.068	240	171215	20.000	ng	-0.01
86) Perylene-d12	15.563	264	160534	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	615495	129.929	ng	0.01
7) Phenol-d6	6.522	99	744022	118.746	ng	0.00
23) Nitrobenzene-d5	7.457	82	623041	95.976	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	267394	140.163	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1031972	97.072	ng	0.00
79) Terphenyl-d14	13.010	244	1174741	128.745	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1182	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	84563	21.916	ng	# 80
25) Isophorone	7.457	82	623037	61.218	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	21081	8.953	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	21081	6.695	ng	# 26
67) 4-Bromophenyl-phenylether	10.728	248	15883	4.774	ng	# 1
77) Benzydine	13.010	184	17240	4.649	ng	# 93

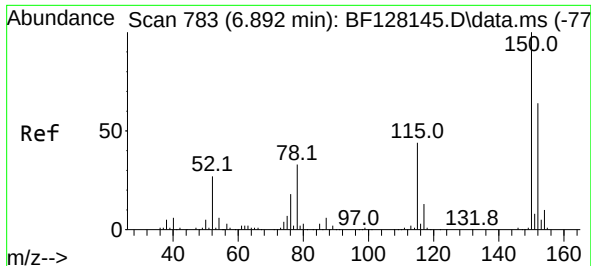
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128172.D
Acq On : 10 May 2022 20:59
Operator : CG\JU
Sample : N2755-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Time: May 11 04:01:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

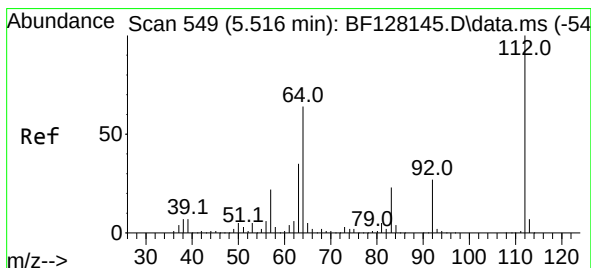
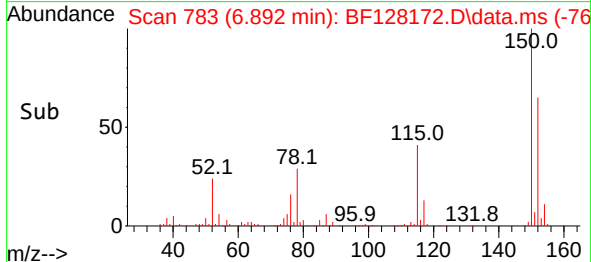
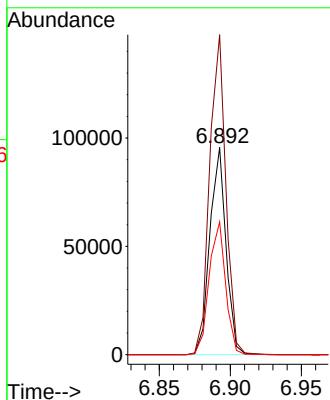
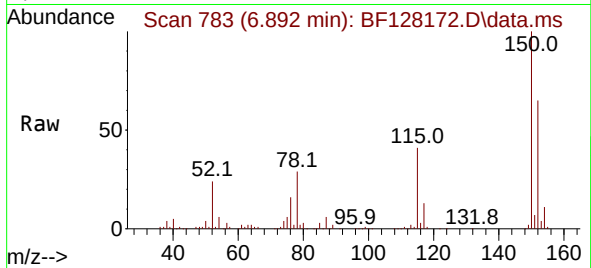




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

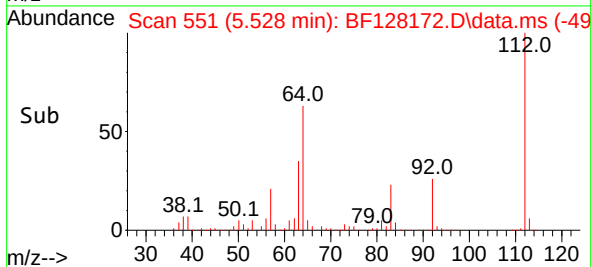
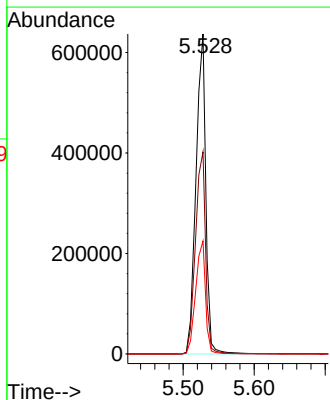
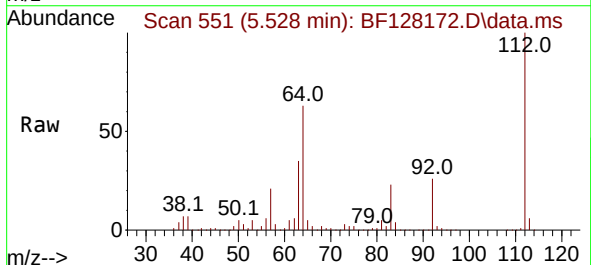
Instrument :
BNA_F
ClientSampleId :
VNJ-210

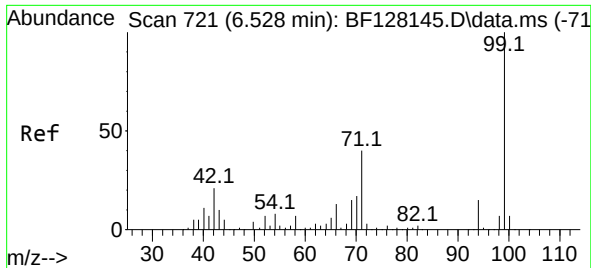
Tgt Ion:152 Resp: 75517
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 129.929 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion:112 Resp: 615495
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 35.3 26.3 39.5

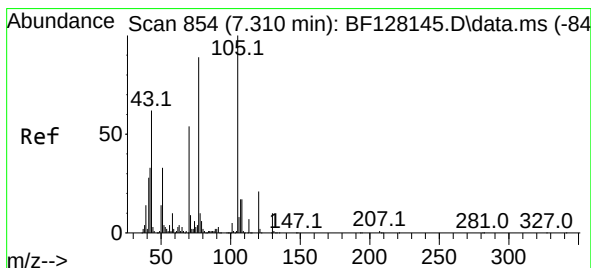
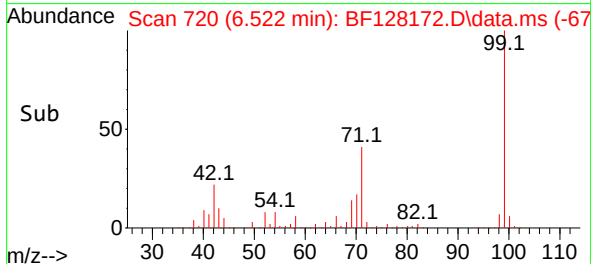
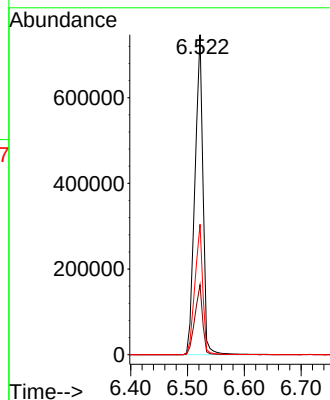
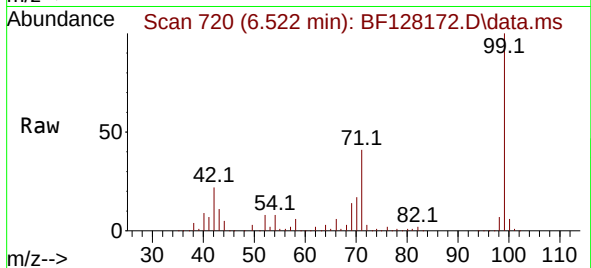




#7
Phenol-d6
Concen: 118.746 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

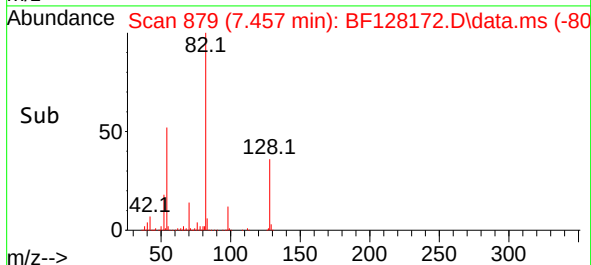
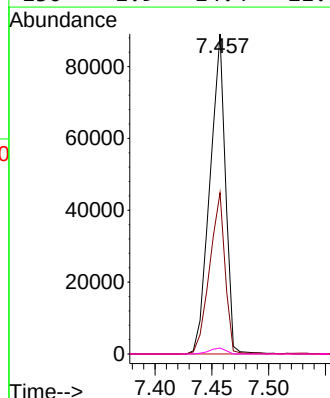
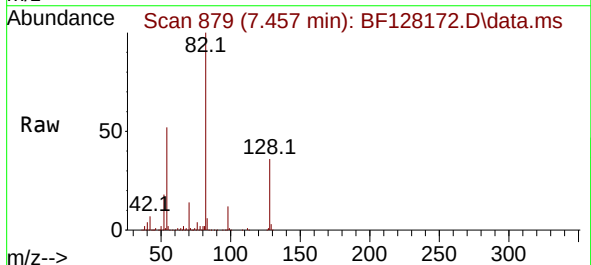
Instrument :
BNA_F
ClientSampleId :
VNJ-210

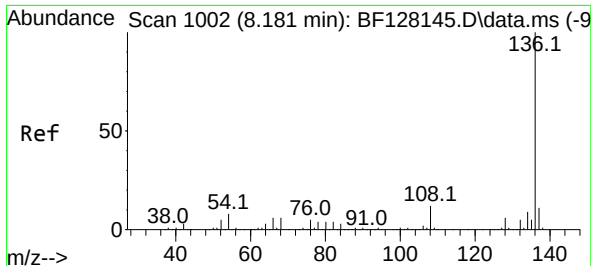
Tgt Ion: 99 Resp: 744022
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.916 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion: 70 Resp: 84563
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



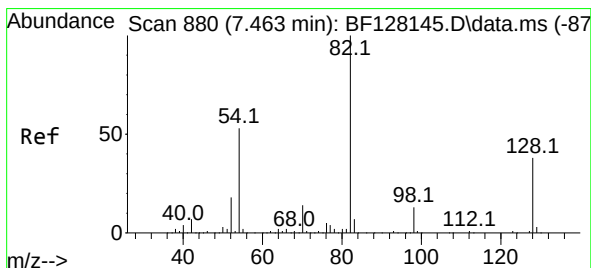
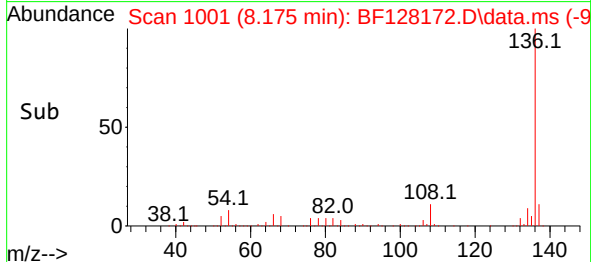
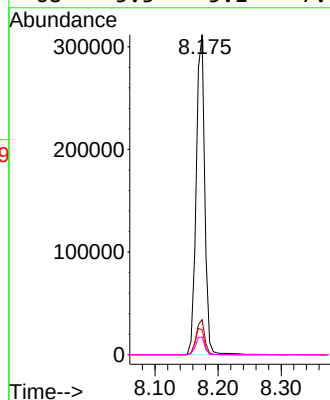
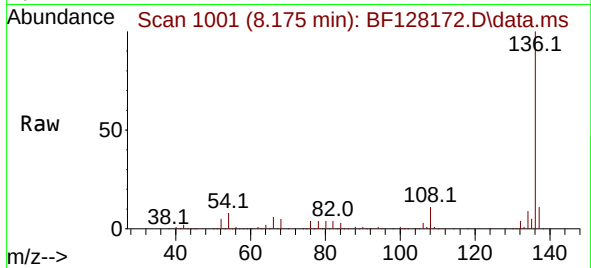


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:136 Resp: 292102

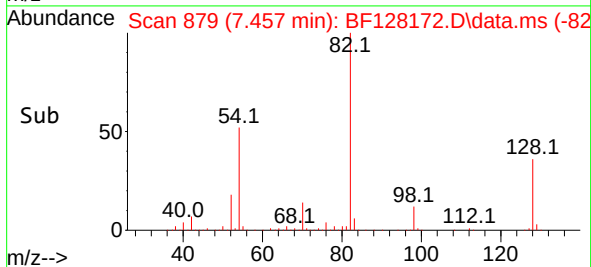
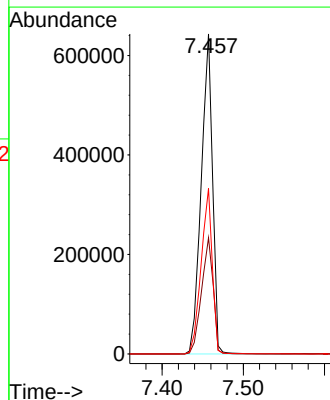
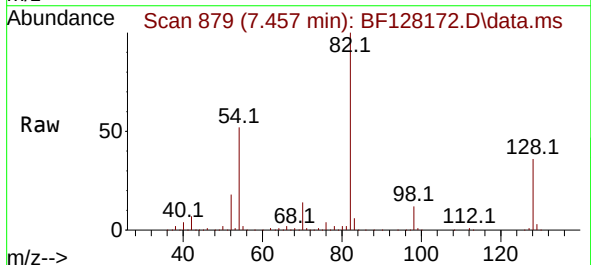
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	6.8	10.2
68	5.5	5.1	7.7

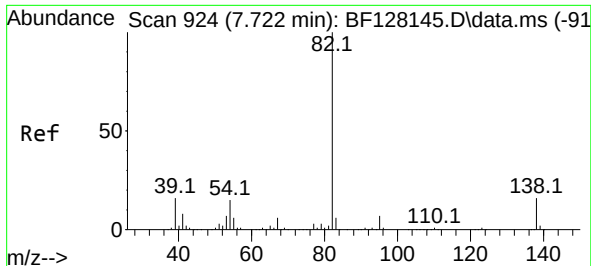


#23
Nitrobenzene-d5
Concen: 95.976 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion: 82 Resp: 623041

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	51.7	41.3	61.9

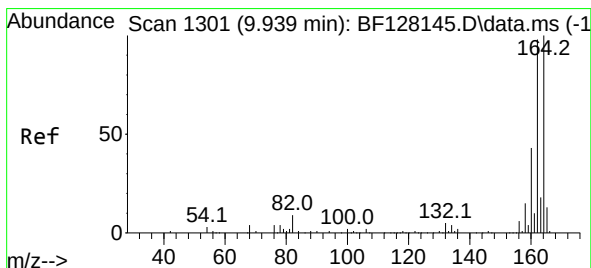
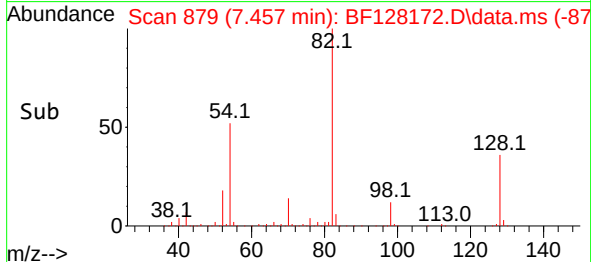
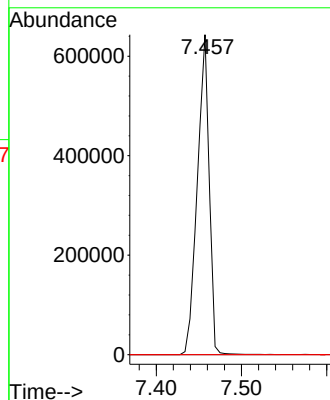
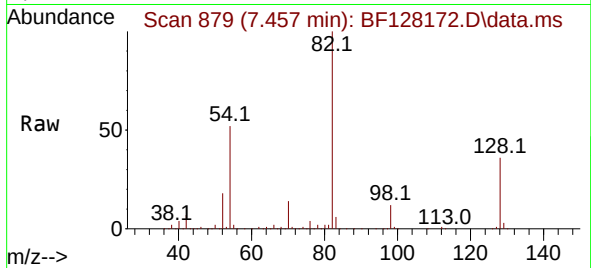




#25
Isophorone
Concen: 61.218 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

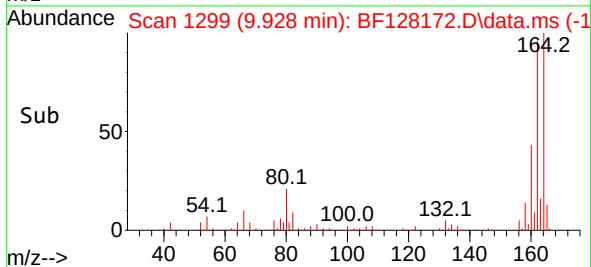
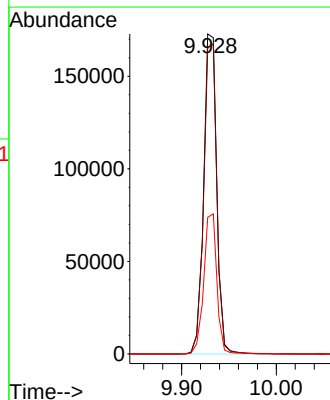
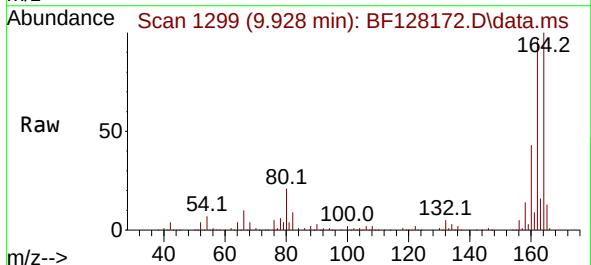
Instrument :
BNA_F
ClientSampleId :
VNJ-210

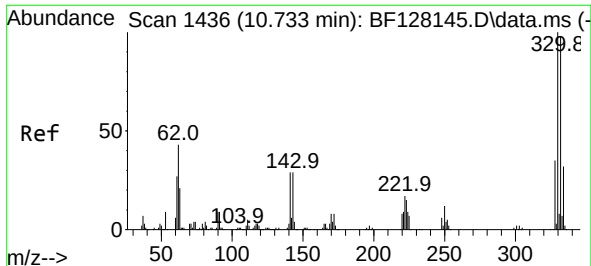
Tgt Ion: 82 Resp: 623037
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion:164 Resp: 166342
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 140.163 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128172.D

Acq: 10 May 2022 20:59

Instrument :

BNA_F

ClientSampleId :

VNJ-210

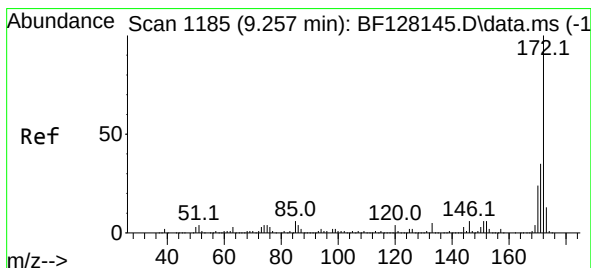
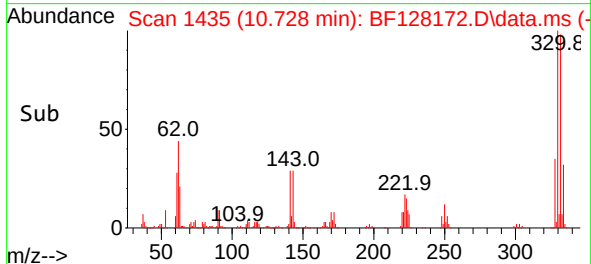
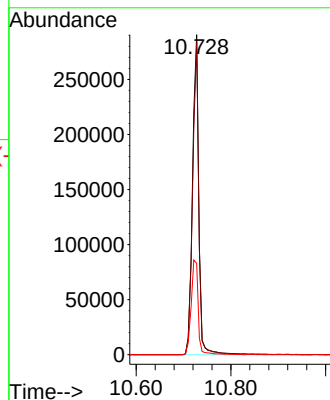
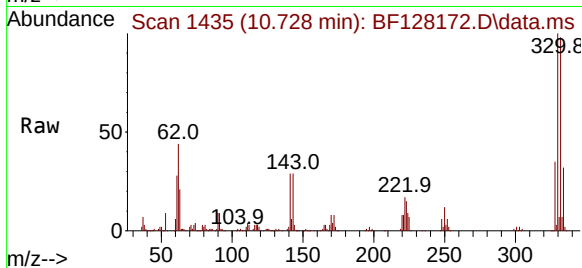
Tgt Ion:330 Resp: 267394

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 97.072 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128172.D

Acq: 10 May 2022 20:59

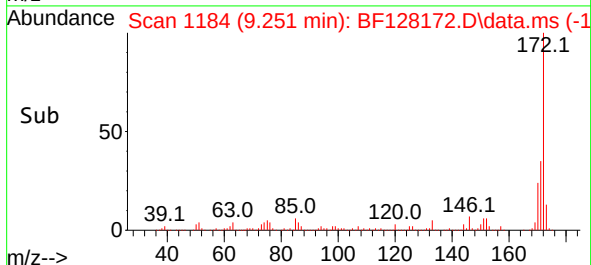
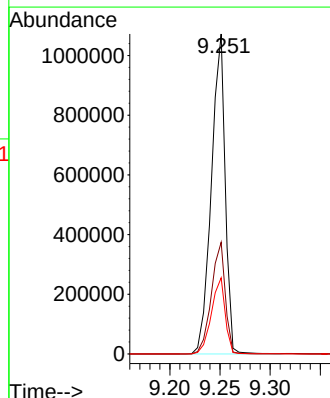
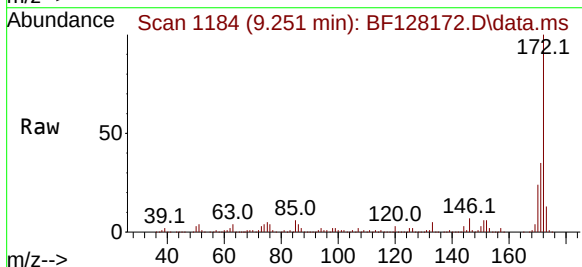
Tgt Ion:172 Resp: 1031972

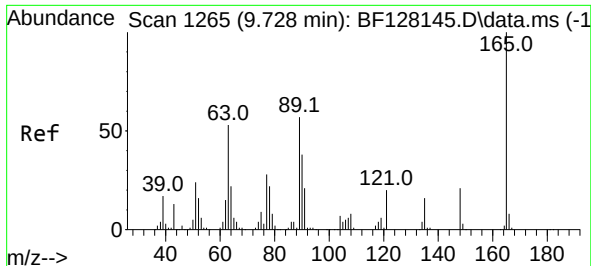
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.8 19.1 28.7

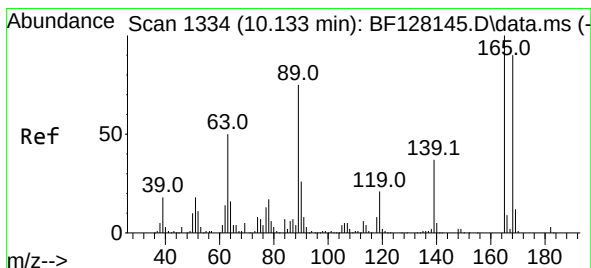
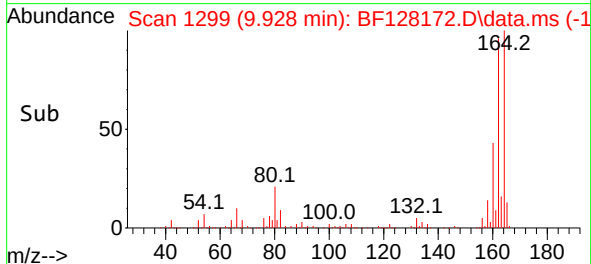
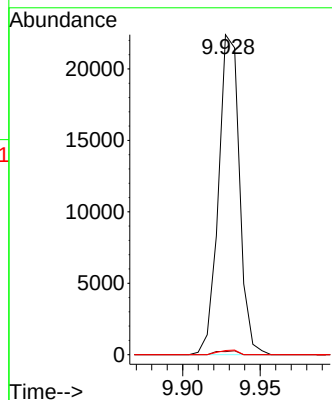
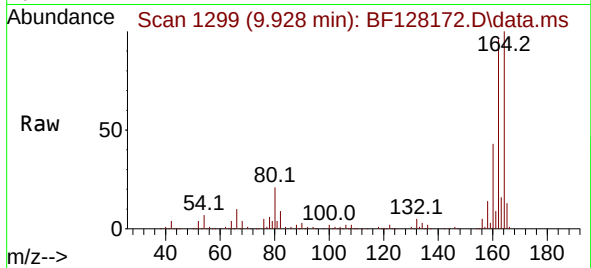




#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

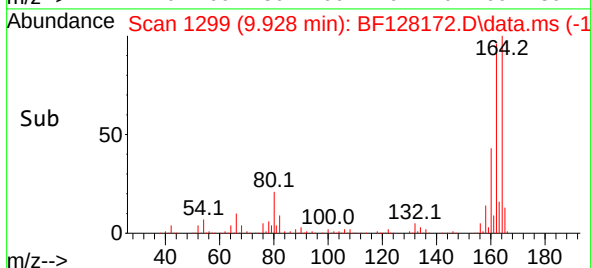
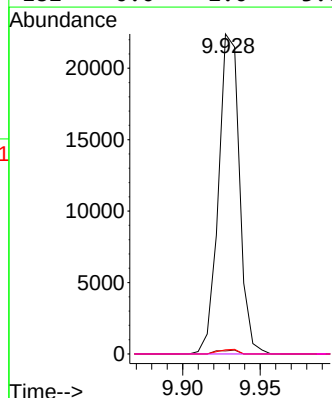
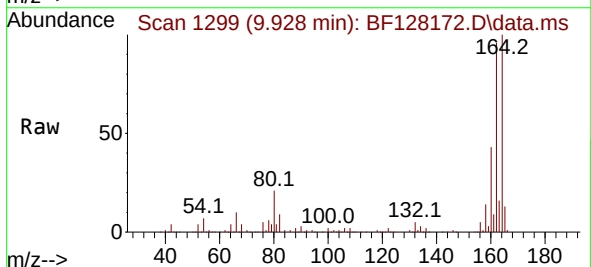
Instrument :
BNA_F
ClientSampleId :
VNJ-210

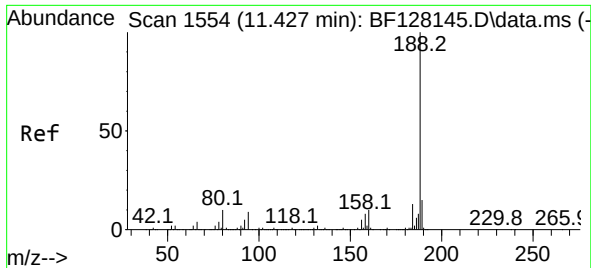
Tgt Ion:165 Resp: 21081
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.695 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion:165 Resp: 21081
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

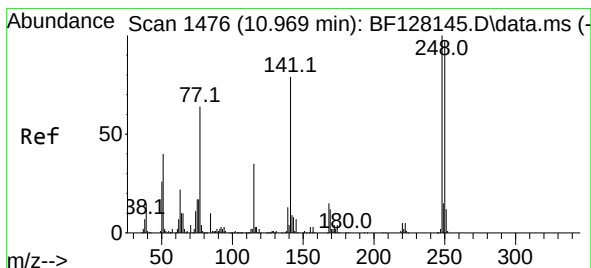
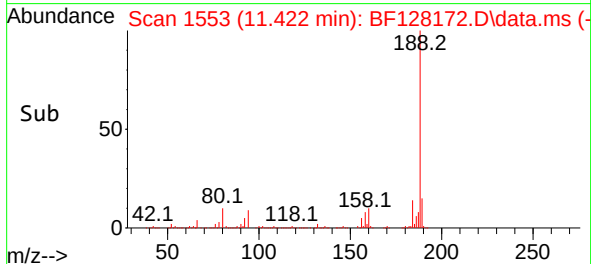
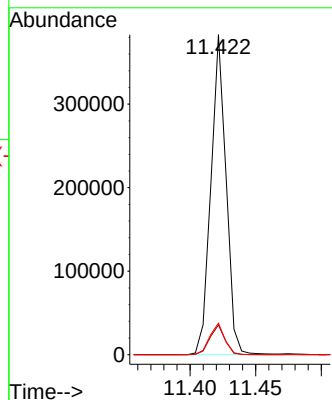
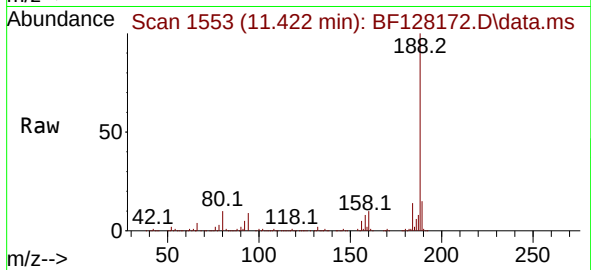




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

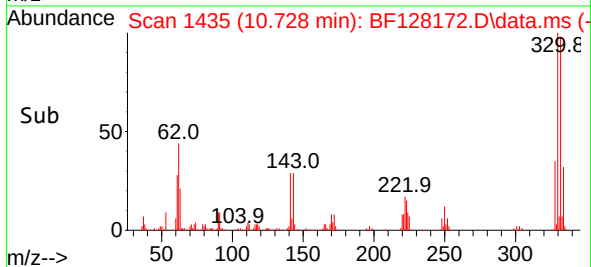
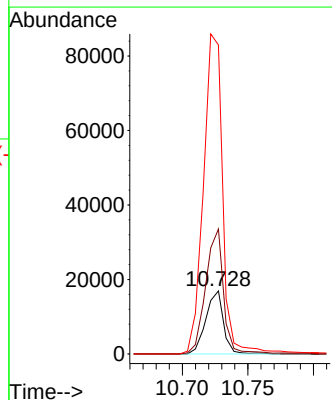
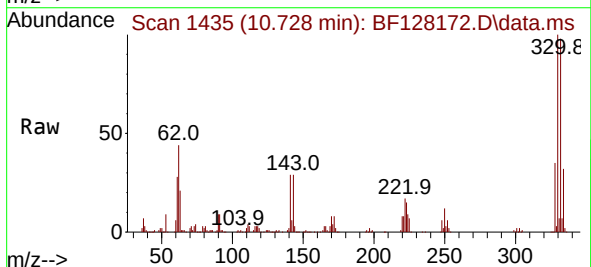
Instrument :
BNA_F
ClientSampleId :
VNJ-210

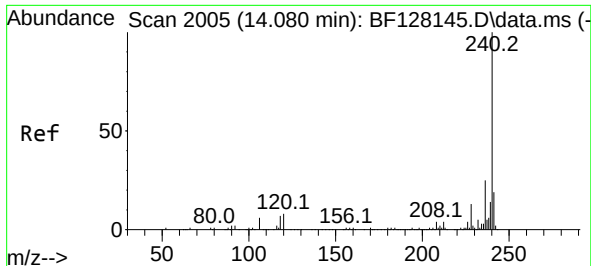
Tgt Ion:188 Resp: 309262
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion:248 Resp: 15883
Ion Ratio Lower Upper
248 100
250 198.3 77.7 116.5#
141 490.4 65.6 98.4#

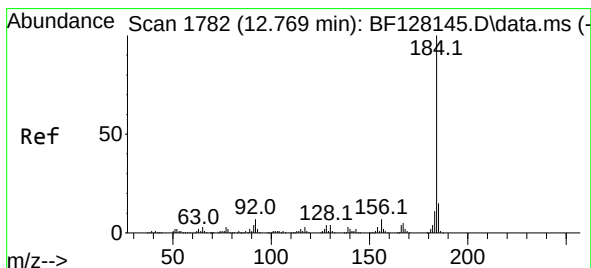
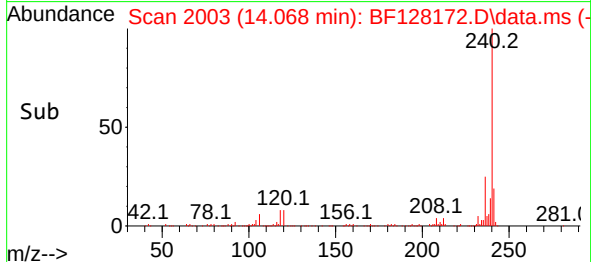
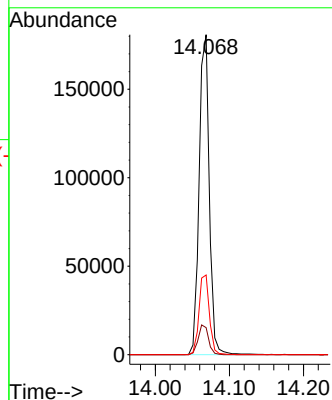
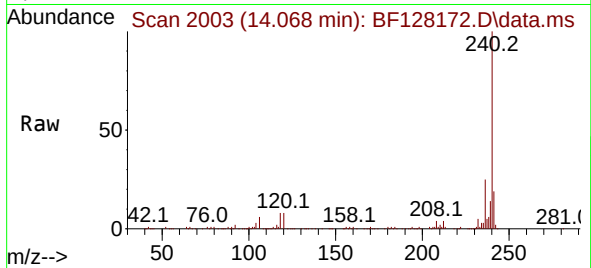




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

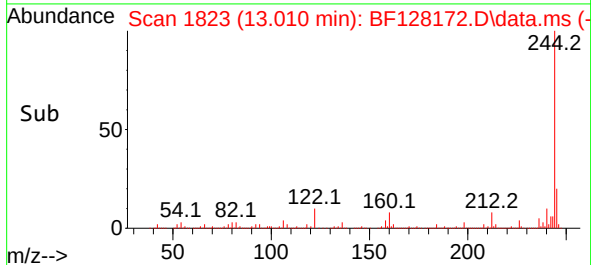
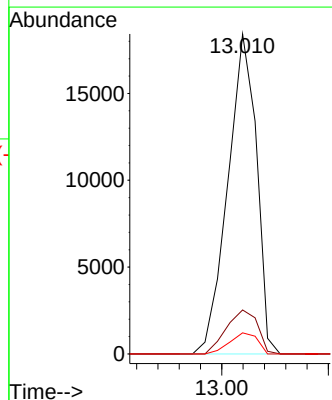
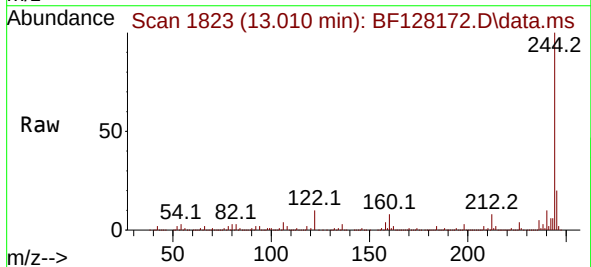
Instrument :
BNA_F
ClientSampleId :
VNJ-210

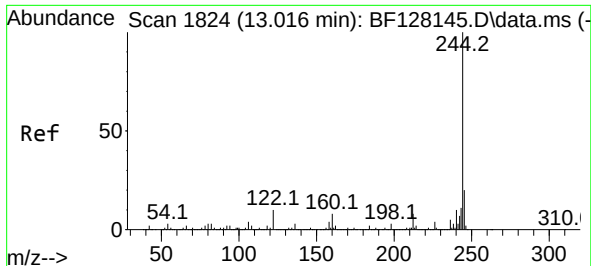
Tgt Ion:240 Resp: 171215
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 24.9 20.3 30.5



#77
Benzidine
Concen: 4.649 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128172.D
Acq: 10 May 2022 20:59

Tgt Ion:184 Resp: 17240
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 6.6 9.0 13.4

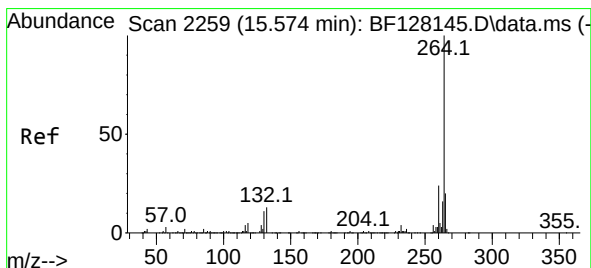
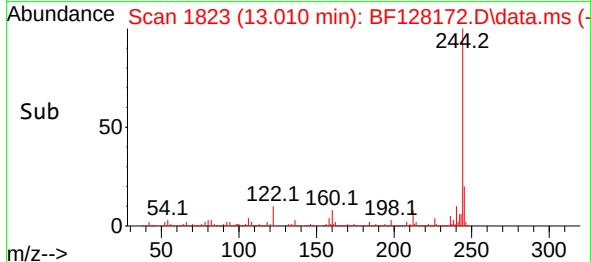
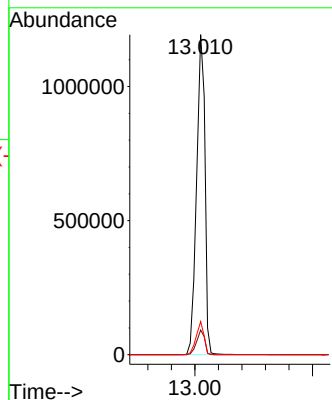
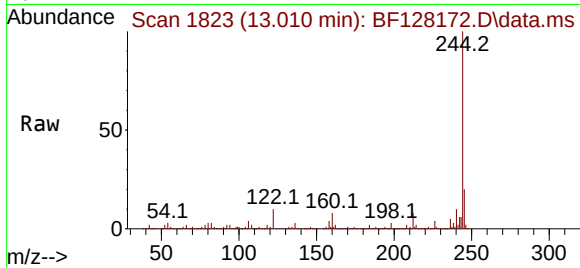




#79
 Terphenyl-d14
 Concen: 128.745 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128172.D
 Acq: 10 May 2022 20:59

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

Tgt Ion:244 Resp: 1174741
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128172.D
 Acq: 10 May 2022 20:59

Tgt Ion:264 Resp: 160534
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 20.9 17.5 26.3

