

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137157.D
 Acq On : 25 Jan 2024 20:00
 Operator : CG\JU
 Sample : P1240-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Jan 26 10:17:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

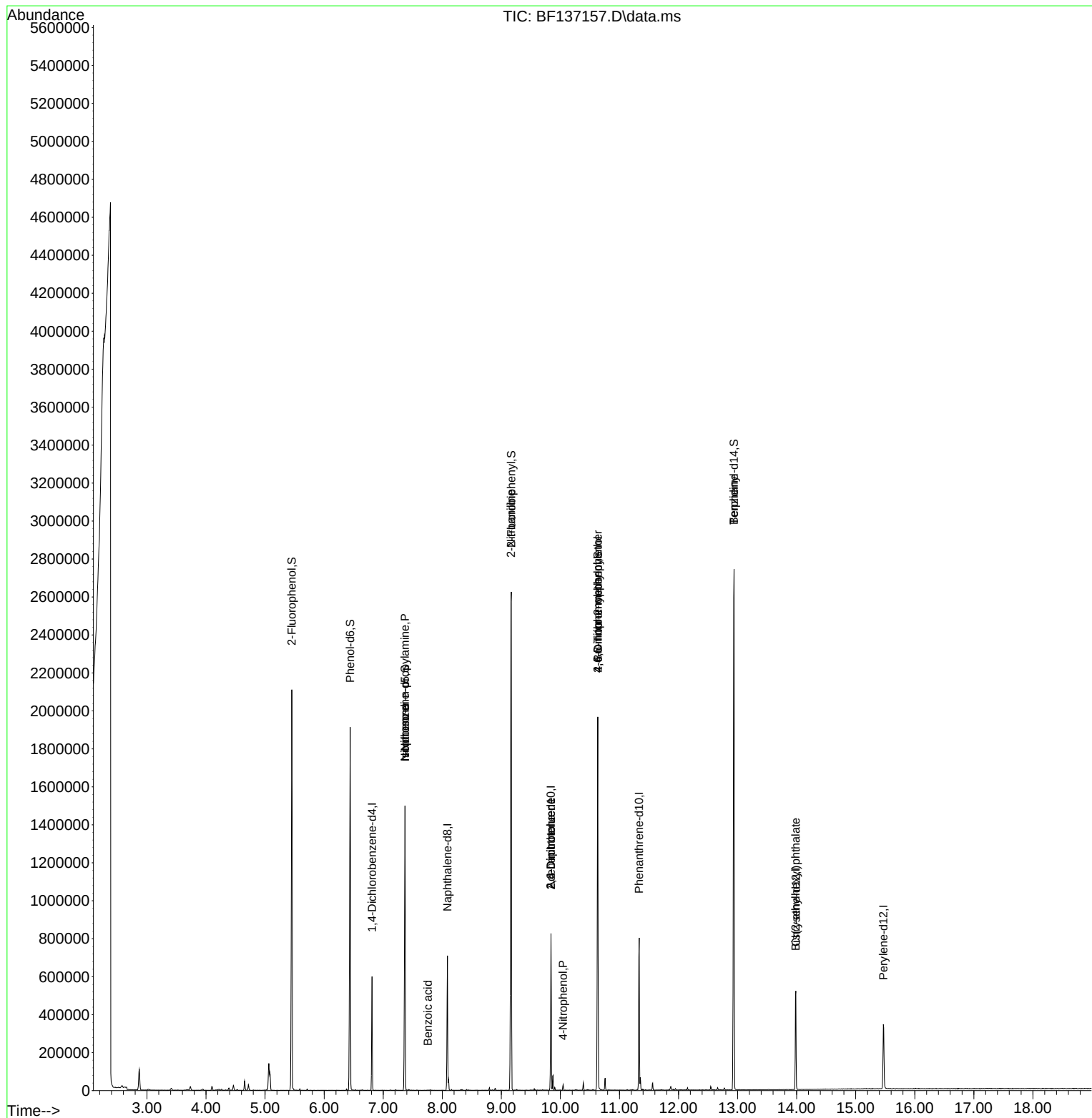
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	70577	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	266313	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	151503	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	287948	20.000	ng	0.00
76) Chrysene-d12	13.986	240	184456	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	170421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	555376	116.583	ng	0.01
7) Phenol-d6	6.440	99	664831	106.144	ng	0.00
23) Nitrobenzene-d5	7.369	82	502309	88.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	222657	139.710	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	902463	82.928	ng	0.00
79) Terphenyl-d14	12.939	244	1094398	84.842	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67702	15.976	ng	# 78
25) Isophorone	7.369	82	502269	44.775	ng	# 70
32) Benzoic acid	7.757	122	495	8.139	ng	# 80
48) 2-Nitroaniline	9.163	65	1775	4.687	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	19852	11.926	ng	# 14
56) 4-Nitrophenol	10.045	139	3743	2.511	ng	# 1
57) 2,4-Dinitrotoluene	9.839	165	19852	11.209	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.634	198	574	8.624	ng	# 4
67) 4-Bromophenyl-phenylether	10.634	248	15353	4.627	ng	# 1
77) Benzidine	12.939	184	14131	3.950	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.980	149	351	6.339	ng	# 35

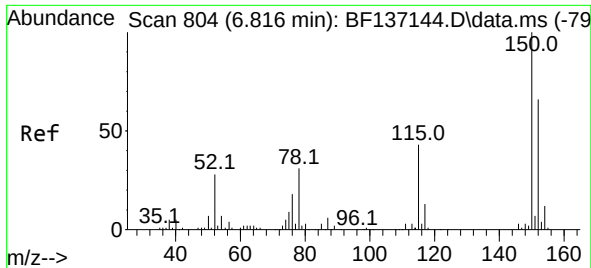
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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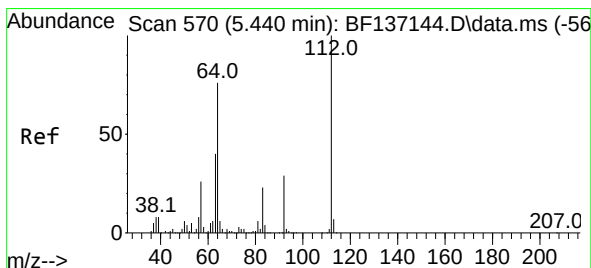
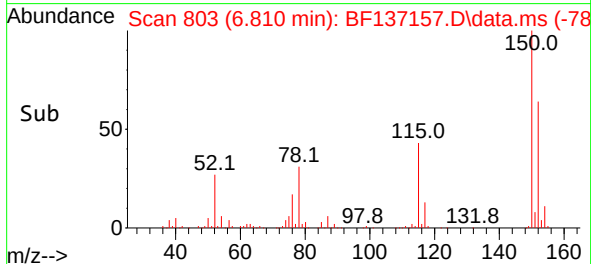
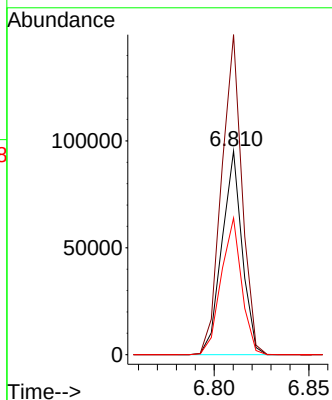
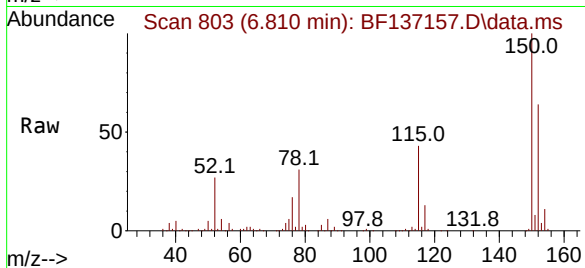




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

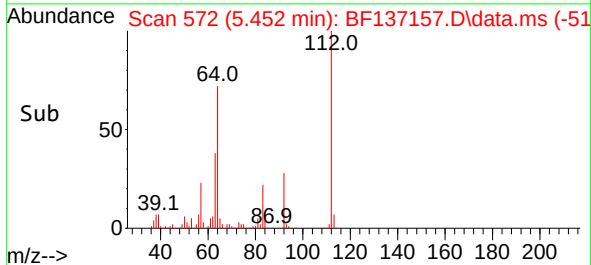
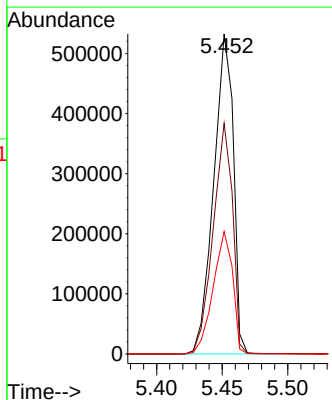
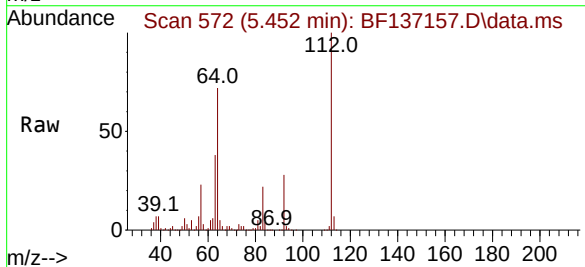
Instrument :
BNA_F
ClientSampleId :
VNJ-223

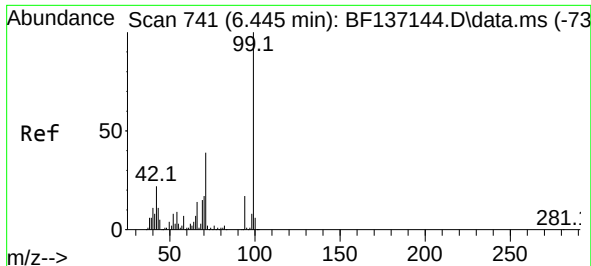
Tgt Ion:152 Resp: 70577
Ion Ratio Lower Upper
152 100
150 157.1 121.2 181.8
115 67.1 52.5 78.7



#5
2-Fluorophenol
Concen: 116.583 ng
RT: 5.452 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:112 Resp: 555376
Ion Ratio Lower Upper
112 100
64 72.1 60.8 91.2
63 38.3 32.1 48.1

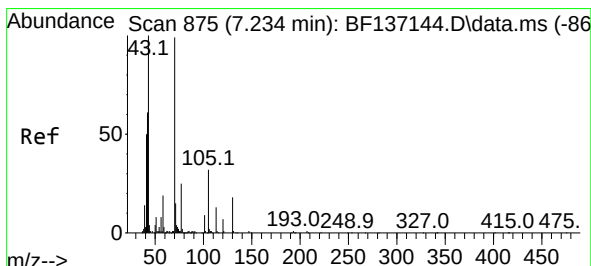
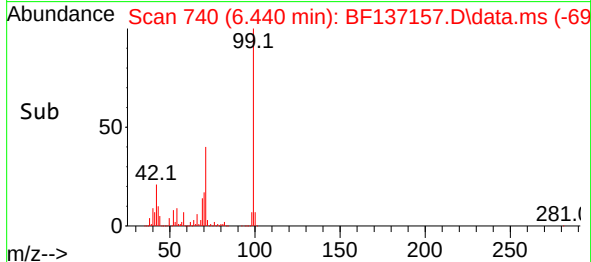
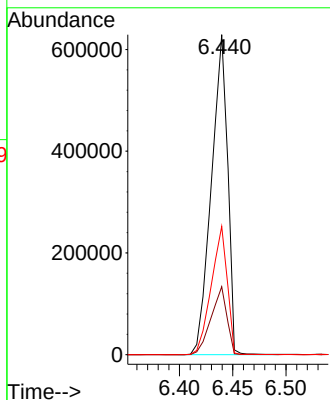
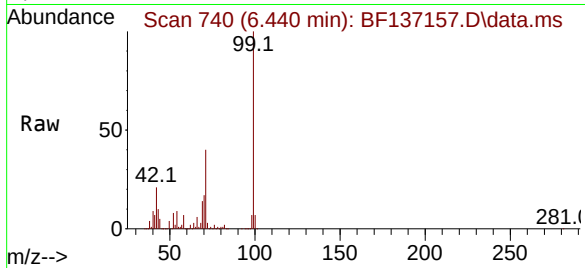




#7
Phenol-d6
Concen: 106.144 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

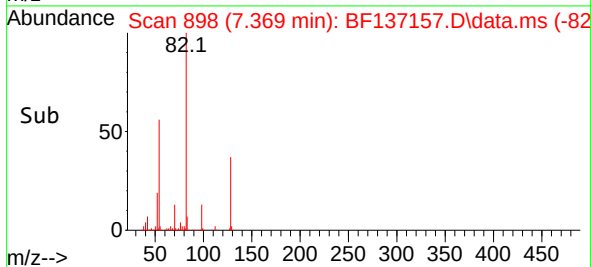
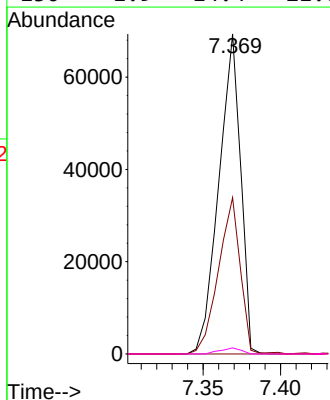
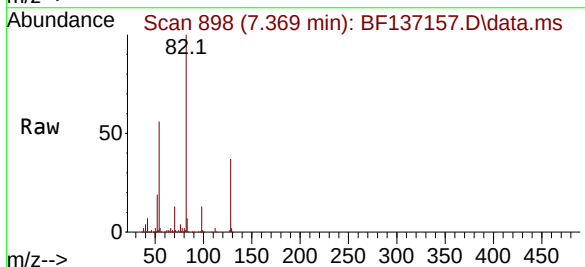
Instrument :
BNA_F
ClientSampleId :
VNJ-223

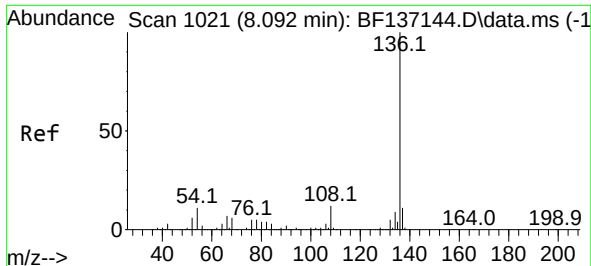
Tgt Ion: 99 Resp: 664831
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 40.1 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.976 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.136 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion: 70 Resp: 67702
Ion Ratio Lower Upper
70 100
42 48.8 49.3 73.9#
101 0.0 7.4 11.0#
130 1.9 14.4 21.6#



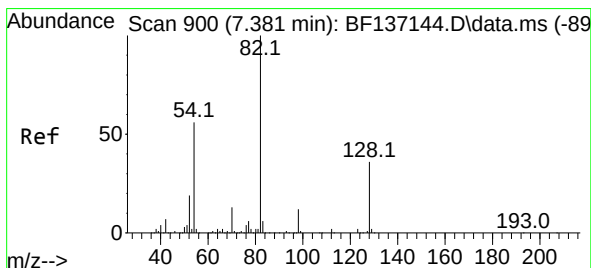
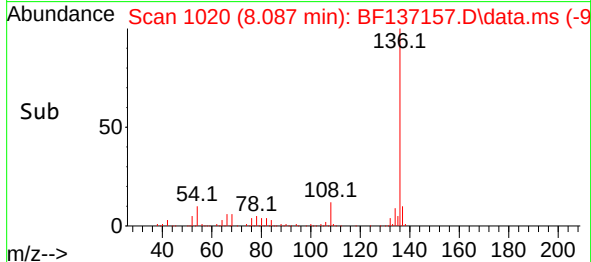
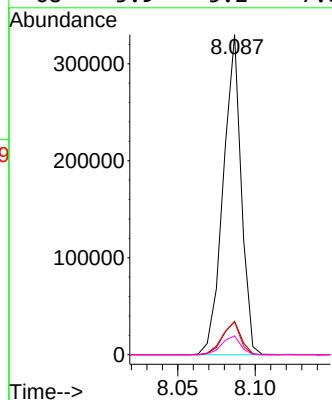
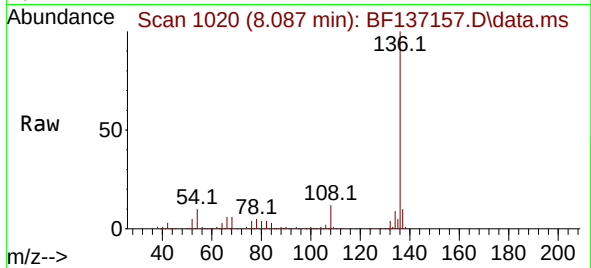


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion:136 Resp: 266313

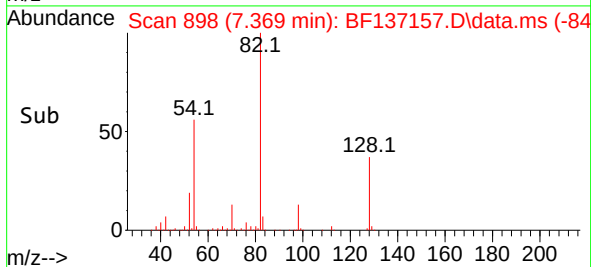
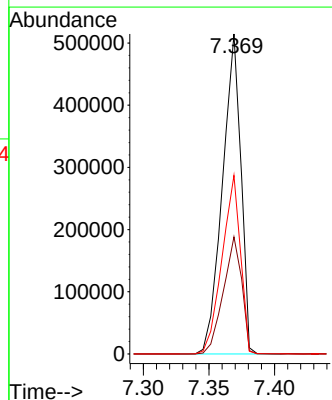
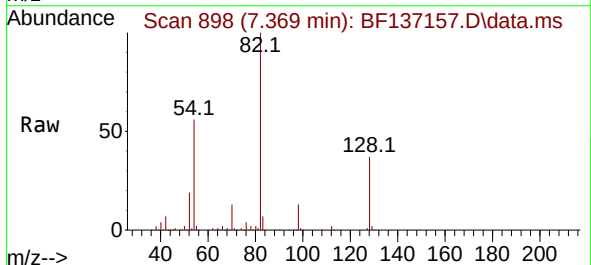
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.3	8.8	13.2
68	5.9	5.2	7.8

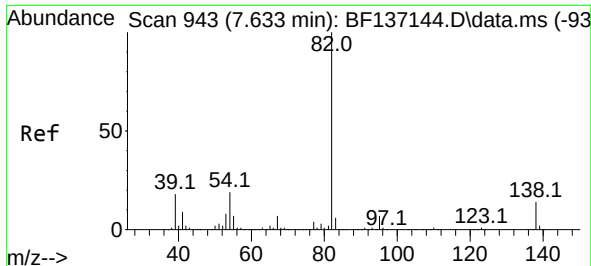


#23
Nitrobenzene-d5
Concen: 88.420 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion: 82 Resp: 502309

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.0	43.6
54	55.8	44.6	67.0

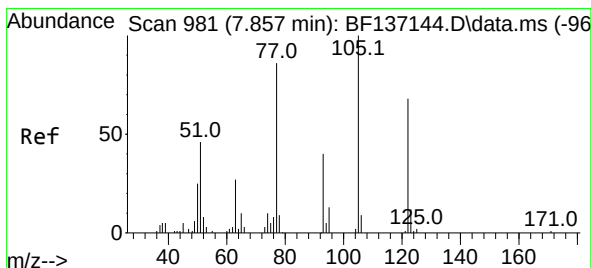
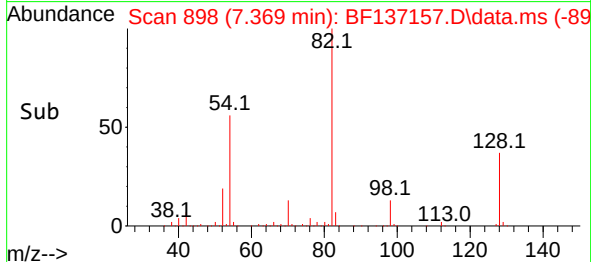
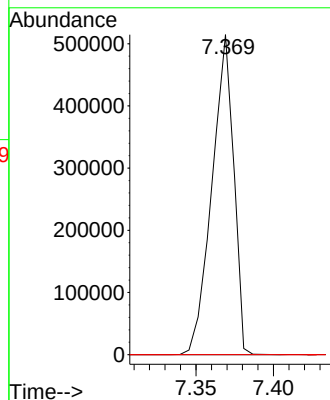
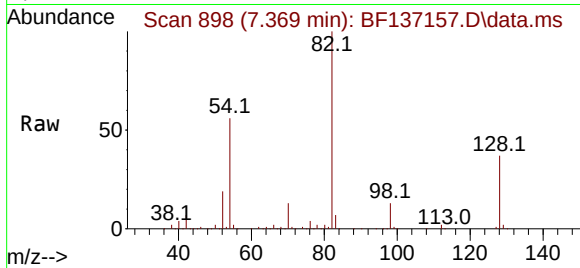




#25
Isophorone
Concen: 44.775 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

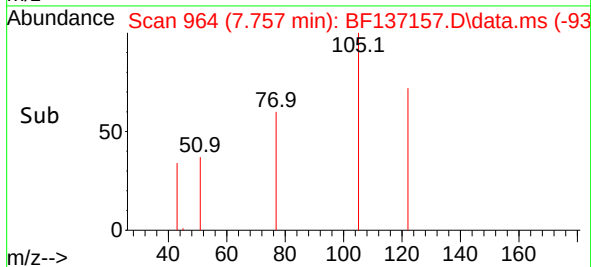
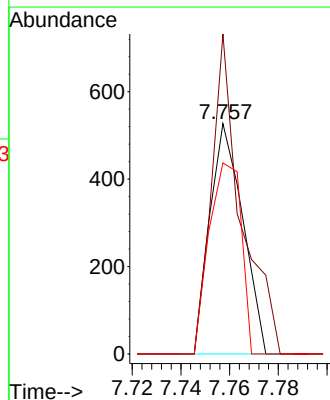
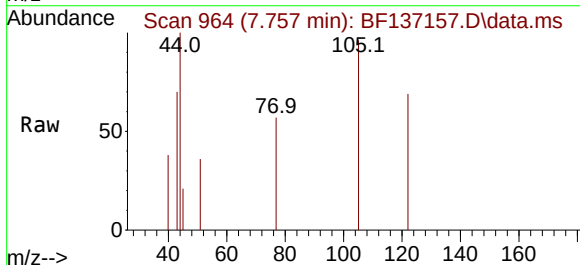
Instrument :
BNA_F
ClientSampleId :
VNJ-223

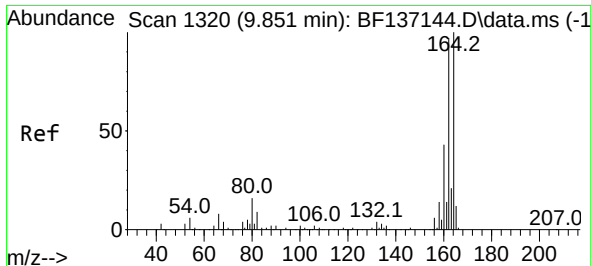
Tgt Ion: 82 Resp: 502269
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#32
Benzoic acid
Concen: 8.139 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.100 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:122 Resp: 495
Ion Ratio Lower Upper
122 100
105 138.9 123.2 163.2
77 82.9 107.6 147.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

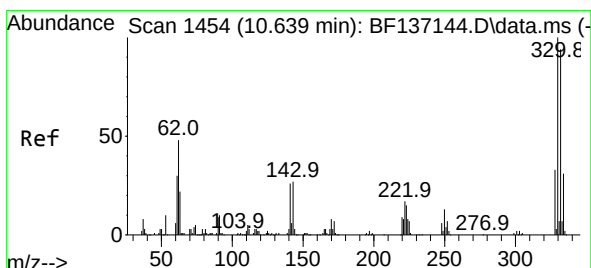
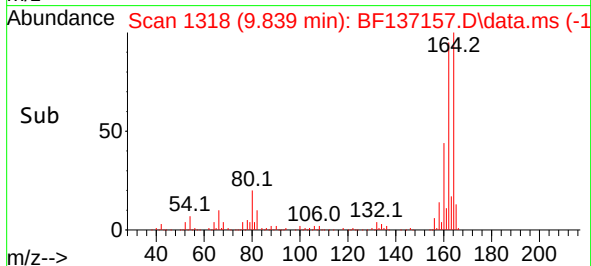
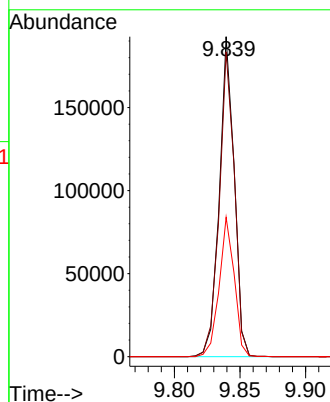
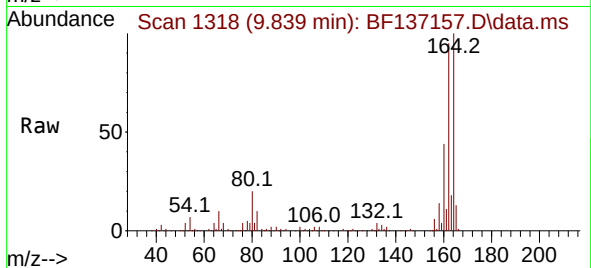
Tgt Ion:164 Resp: 151503

Ion Ratio Lower Upper

164 100

162 95.3 77.5 116.3

160 43.6 34.7 52.1



#42

2,4,6-Tribromophenol

Concen: 139.710 ng

RT: 10.634 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

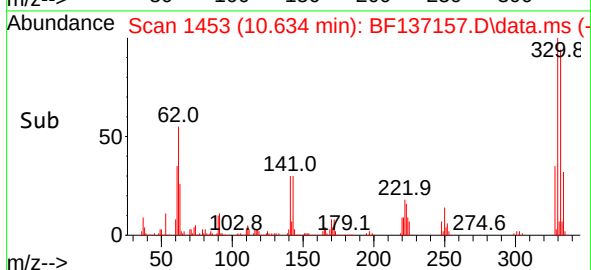
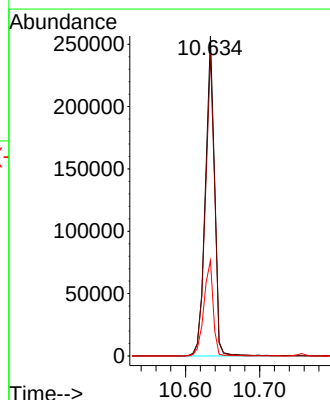
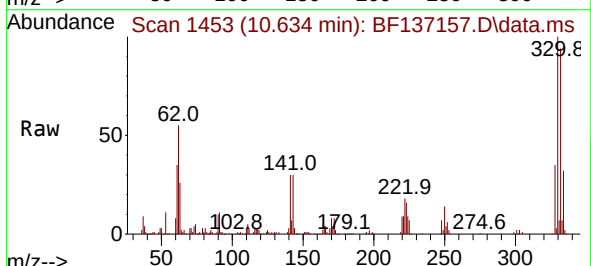
Tgt Ion:330 Resp: 222657

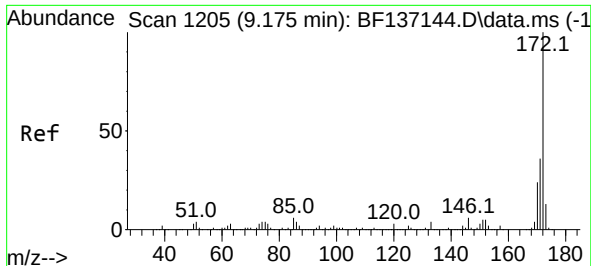
Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.0

141 30.2 24.8 37.2





#45

2-Fluorobiphenyl

Concen: 82.928 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

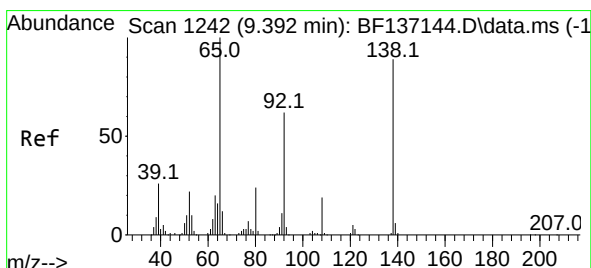
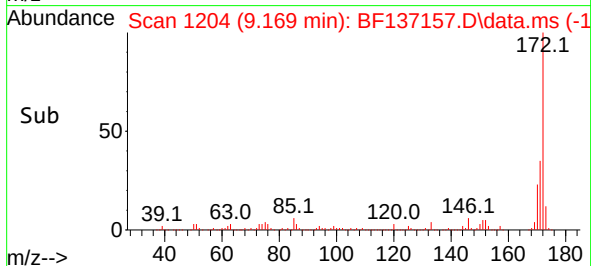
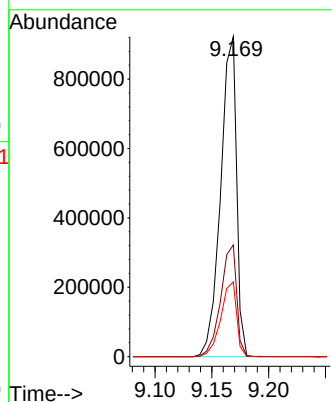
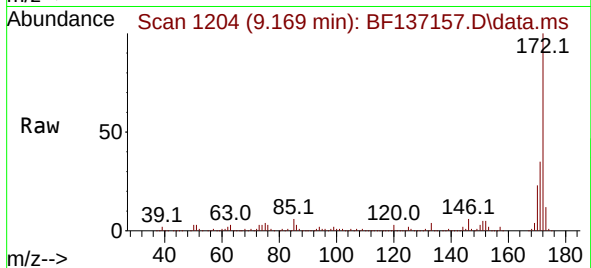
Tgt Ion:172 Resp: 902463

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.3 18.8 28.2



#48

2-Nitroaniline

Concen: 4.687 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.229 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

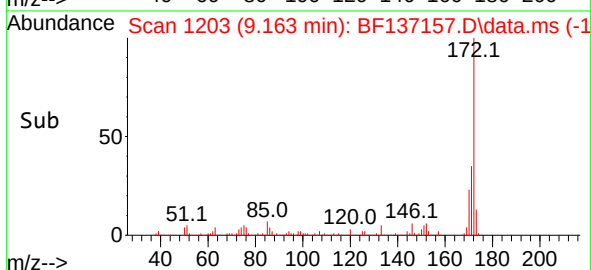
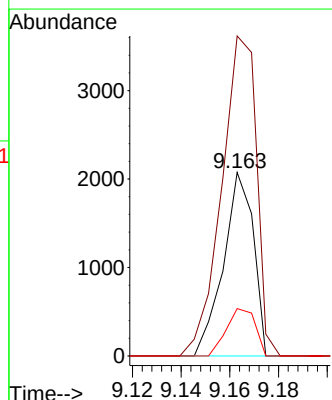
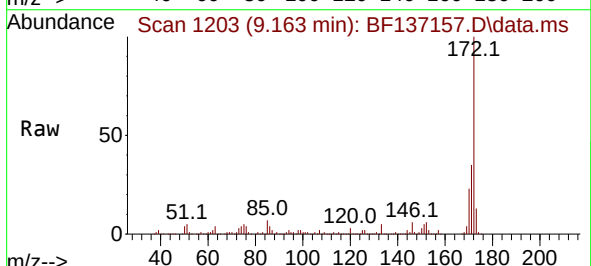
Tgt Ion: 65 Resp: 1775

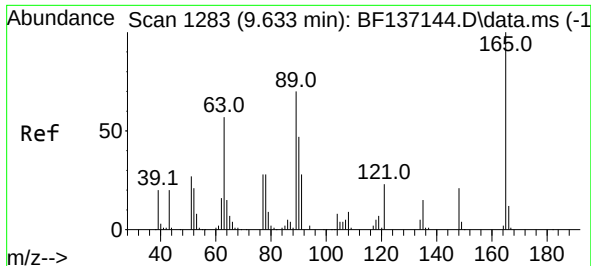
Ion Ratio Lower Upper

65 100

92 174.4 49.4 74.2#

138 25.8 70.8 106.2#





#51

2,6-Dinitrotoluene

Concen: 11.926 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

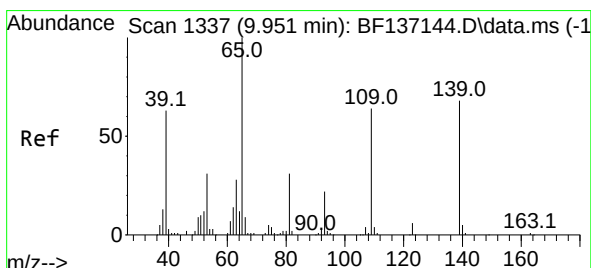
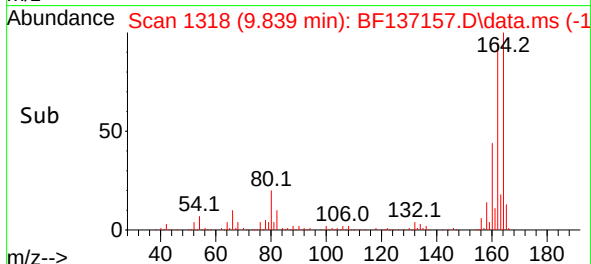
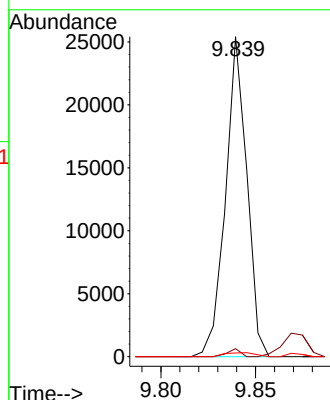
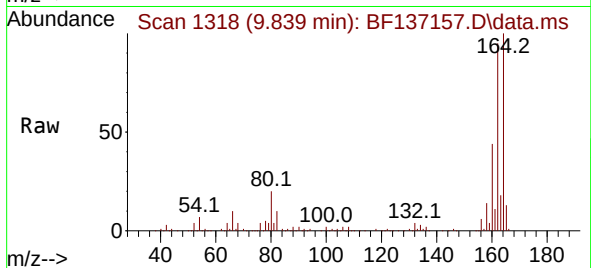
Tgt Ion:165 Resp: 19852

Ion Ratio Lower Upper

165 100

63 2.5 64.4 96.6#

89 1.2 55.7 83.5#



#56

4-Nitrophenol

Concen: 2.511 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.094 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

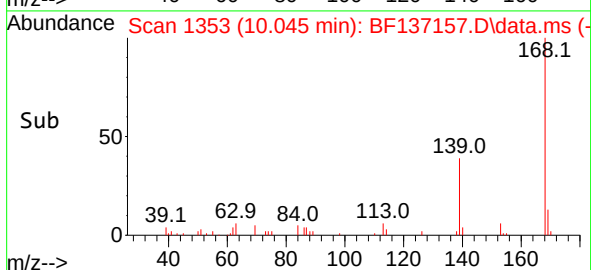
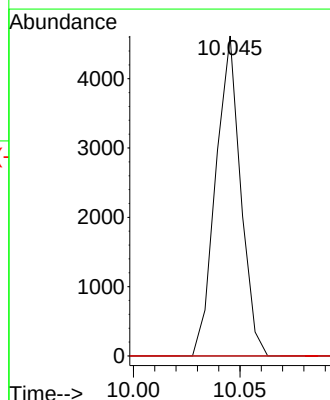
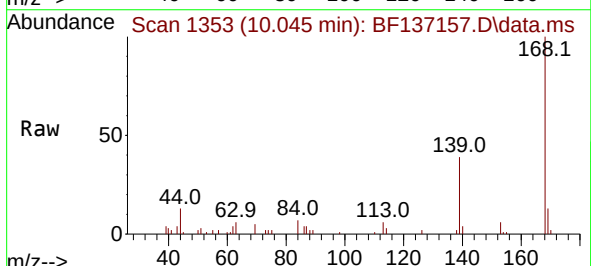
Tgt Ion:139 Resp: 3743

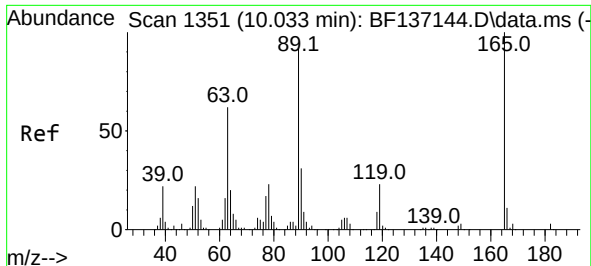
Ion Ratio Lower Upper

139 100

109 0.0 73.7 113.7#

65 0.0 126.0 166.0#

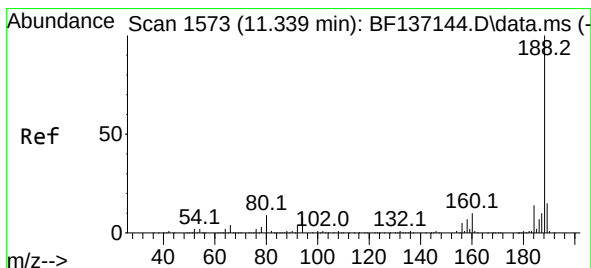
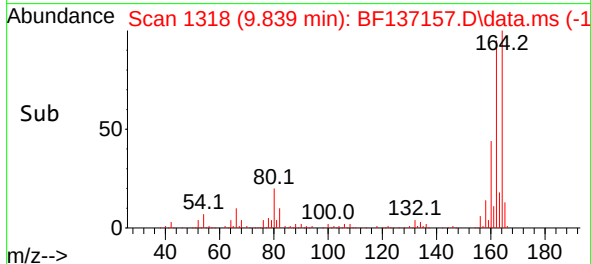
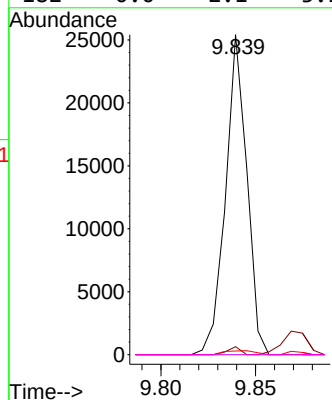
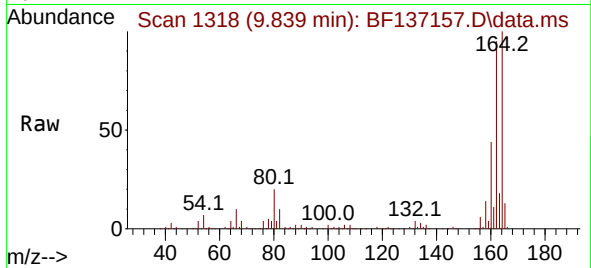




#57
2,4-Dinitrotoluene
Concen: 11.209 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

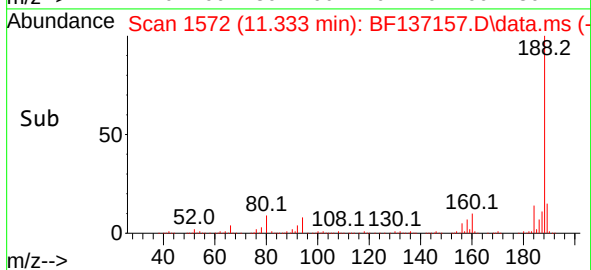
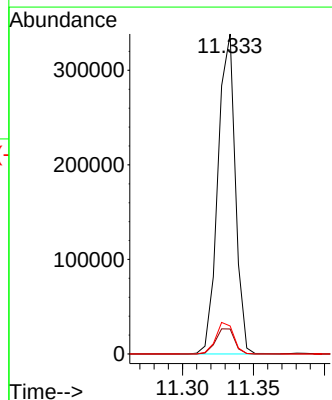
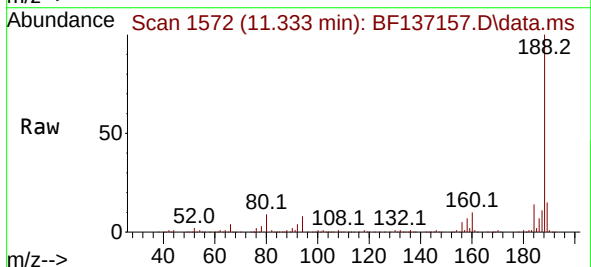
Instrument :
BNA_F
ClientSampleId :
VNJ-223

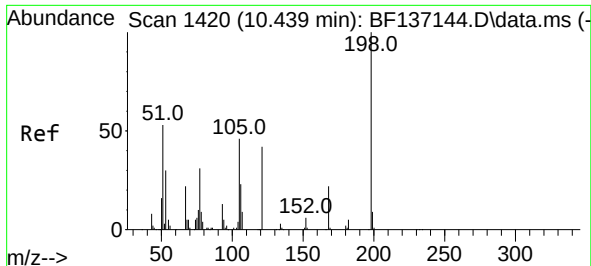
Tgt Ion:165 Resp: 19852
Ion Ratio Lower Upper
165 100
63 2.5 49.4 74.2#
89 1.2 73.5 110.3#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:188 Resp: 287948
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.7 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.624 ng

RT: 10.634 min Scan# 1453

Delta R.T. 0.195 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

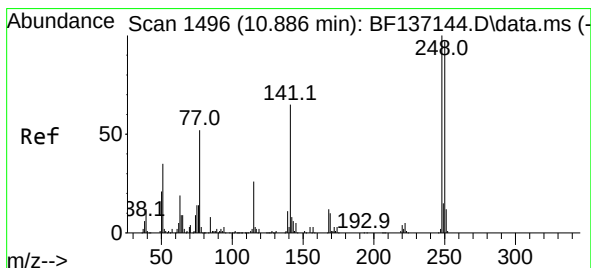
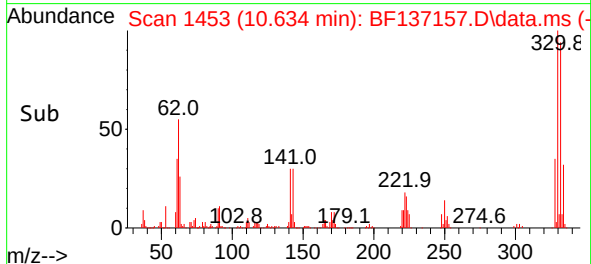
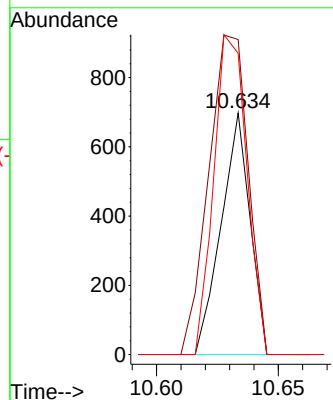
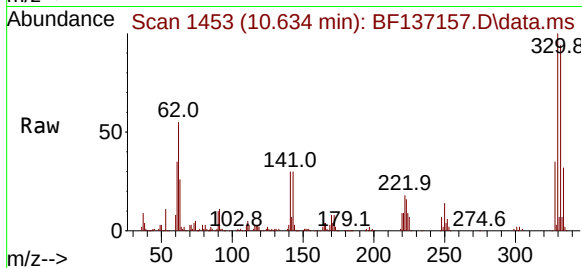
Tgt Ion:198 Resp: 574

Ion Ratio Lower Upper

198 100

51 130.4 44.7 84.7#

105 124.6 28.2 68.2#



#67

4-Bromophenyl-phenylether

Concen: 4.627 ng

RT: 10.634 min Scan# 1453

Delta R.T. -0.253 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

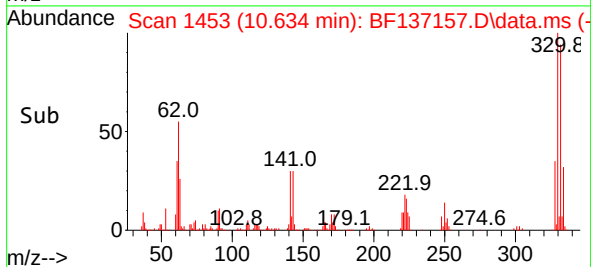
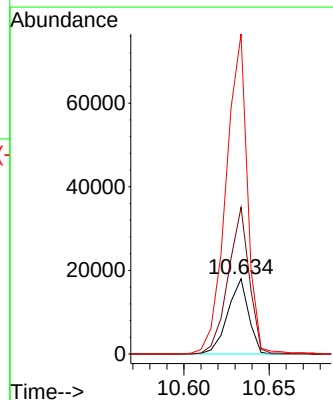
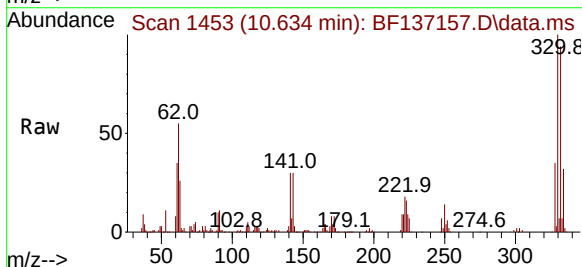
Tgt Ion:248 Resp: 15353

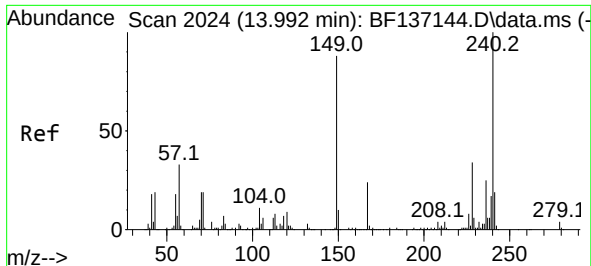
Ion Ratio Lower Upper

248 100

250 195.3 77.7 116.5#

141 425.8 52.3 78.5#

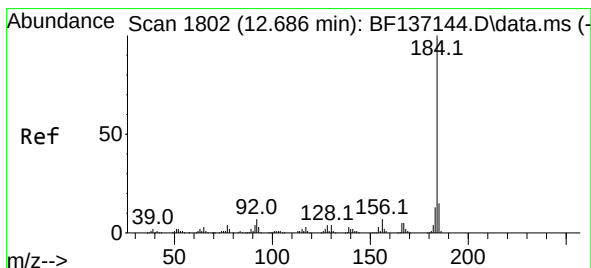
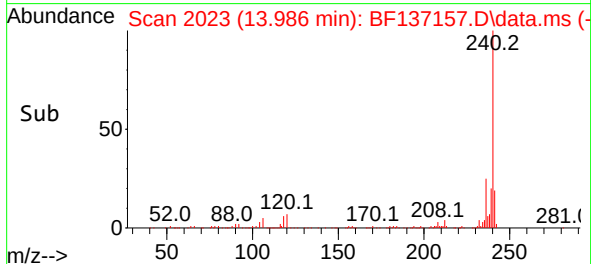
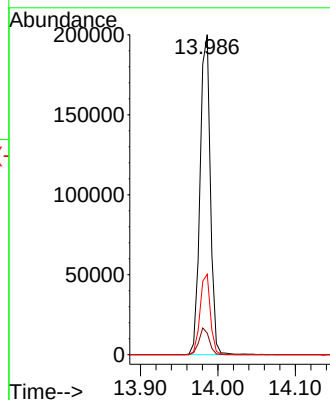
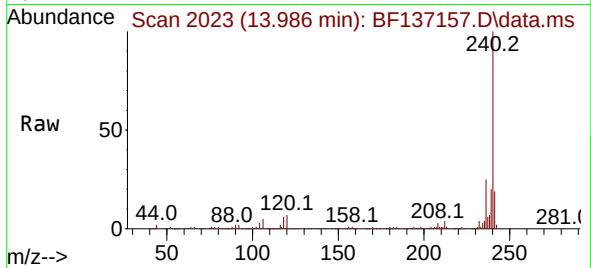




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

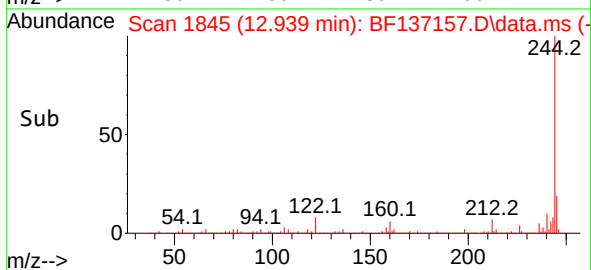
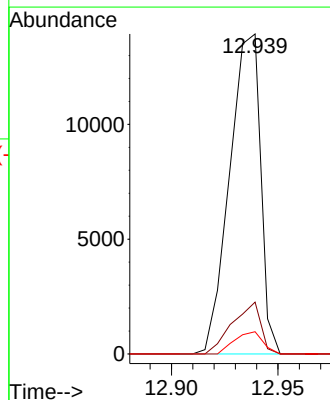
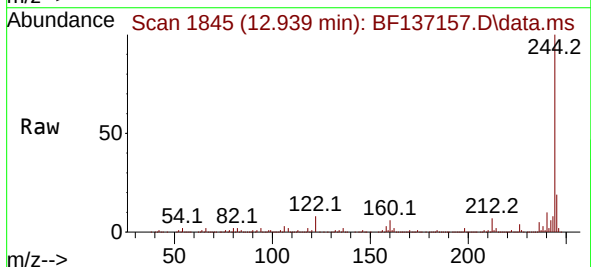
Instrument :
BNA_F
ClientSampleId :
VNJ-223

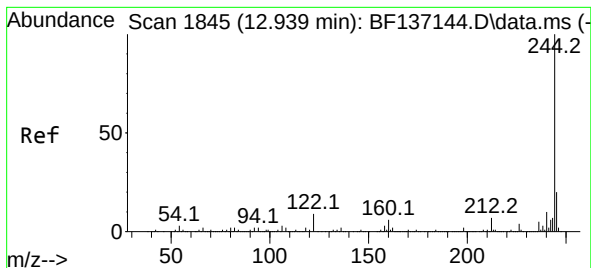
Tgt Ion:240 Resp: 184456
Ion Ratio Lower Upper
240 100
120 6.7 6.9 10.3#
236 25.2 20.4 30.6



#77
Benzidine
Concen: 3.950 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Tgt Ion:184 Resp: 14131
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.4
183 6.9 10.0 15.0#





#79

Terphenyl-d14

Concen: 84.842 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

Instrument :

BNA_F

ClientSampleId :

VNJ-223

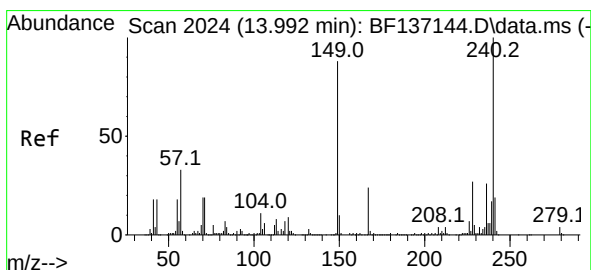
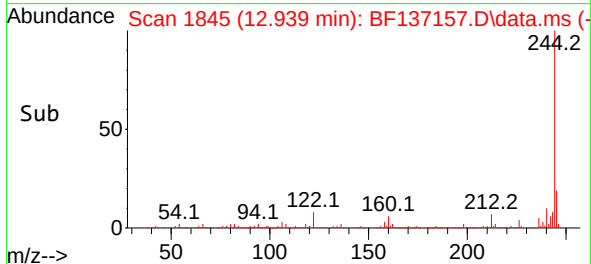
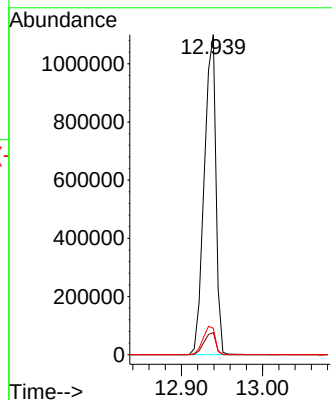
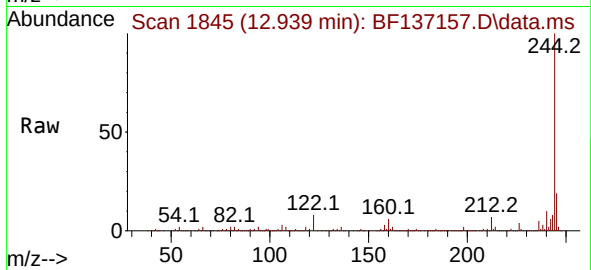
Tgt Ion:244 Resp: 1094398

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 8.2 7.3 10.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.339 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF137157.D

Acq: 25 Jan 2024 20:00

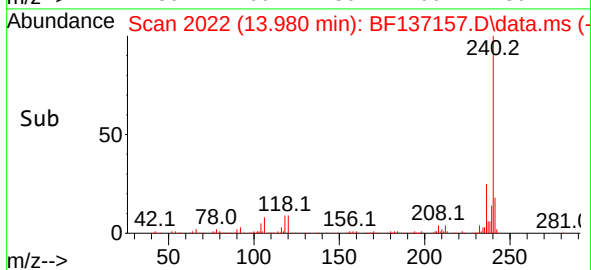
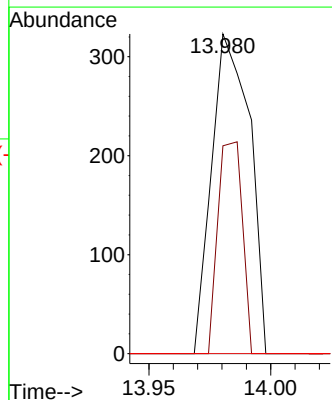
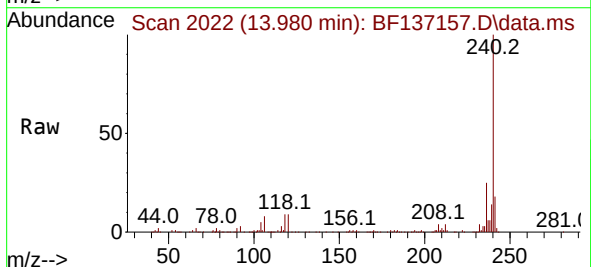
Tgt Ion:149 Resp: 351

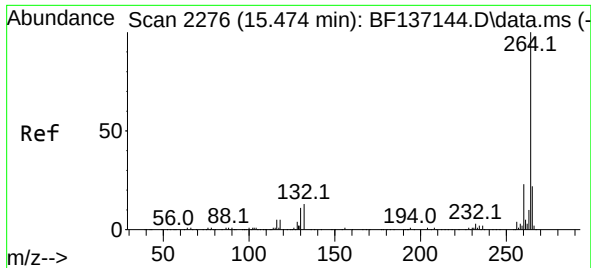
Ion Ratio Lower Upper

149 100

167 65.0 21.7 32.5#

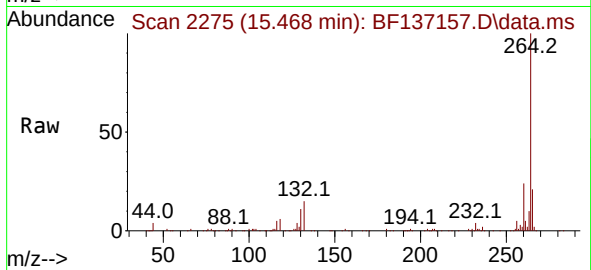
279 0.0 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137157.D
Acq: 25 Jan 2024 20:00

Instrument :
BNA_F
ClientSampleId :
VNJ-223



Tgt Ion:264 Resp: 170421
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 21.1 17.2 25.8

