

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137238.D
 Acq On : 01 Feb 2024 18:23
 Operator : CG\JU
 Sample : P1311-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 02 01:15:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

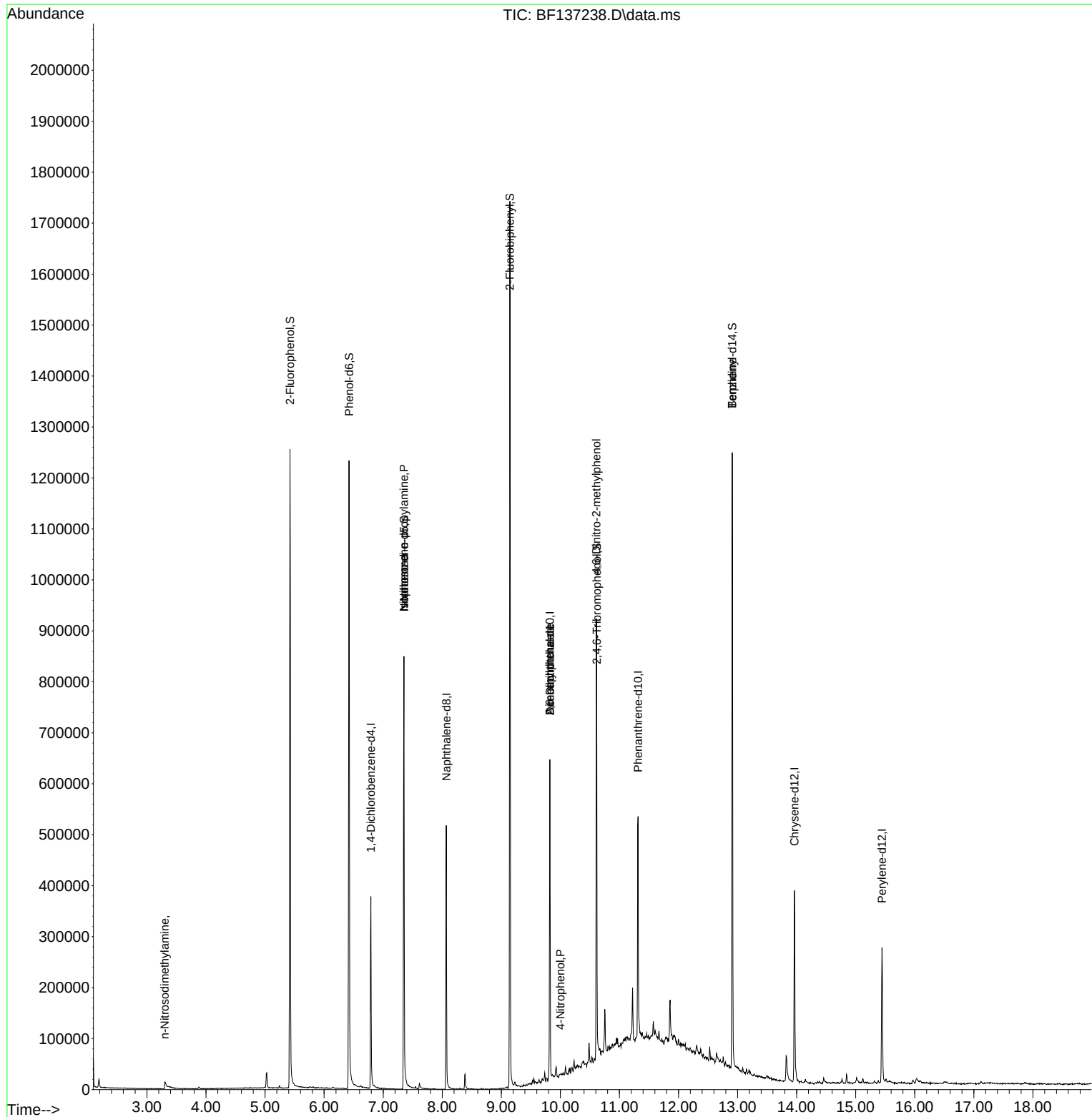
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	56079	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	210673	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	116454	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	182800	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	138732	20.000	ng	-0.01
86) Perylene-d12	15.445	264	133985	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327389	96.332	ng	0.00
7) Phenol-d6	6.422	99	419147	86.421	ng	0.00
23) Nitrobenzene-d5	7.351	82	279464	59.391	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	102068	77.608	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	491811	58.055	ng	0.00
79) Terphenyl-d14	12.910	244	427403	41.882	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.299	42	428	6.262	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	36925	11.104	ng	# 80
25) Isophorone	7.351	82	279462	32.176	ng	# 67
50) Dimethylphthalate	9.822	163	21843	2.776	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15356	9.153	ng	# 18
56) 4-Nitrophenol	9.998	139	63	8.564	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.610	198	185	5.624	ng	# 1
77) Benzidine	12.910	184	5631	2.267	ng	# 90

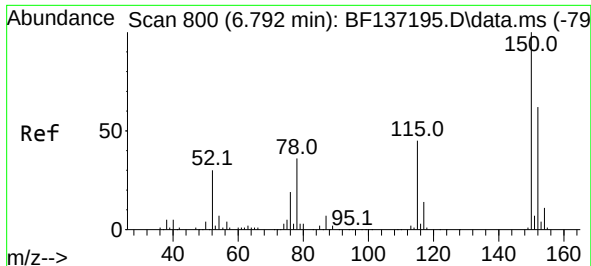
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Feb 02 01:15:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

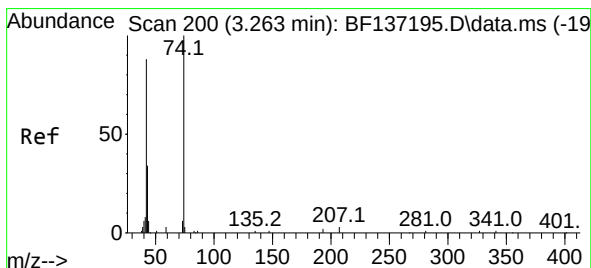
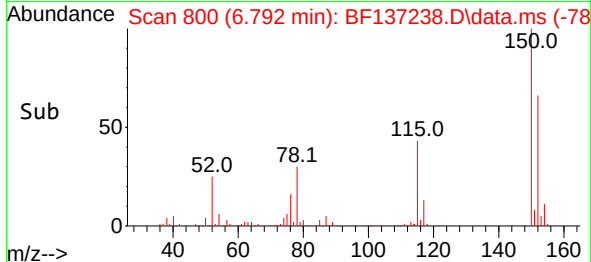
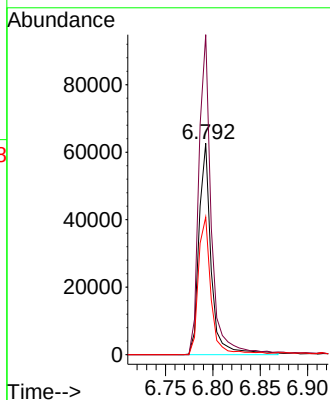
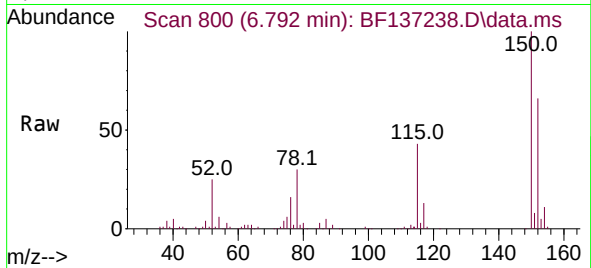




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

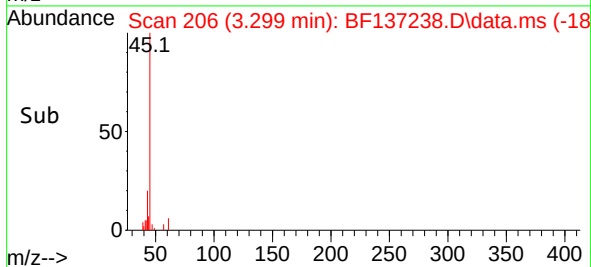
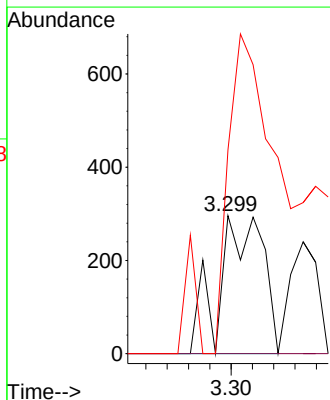
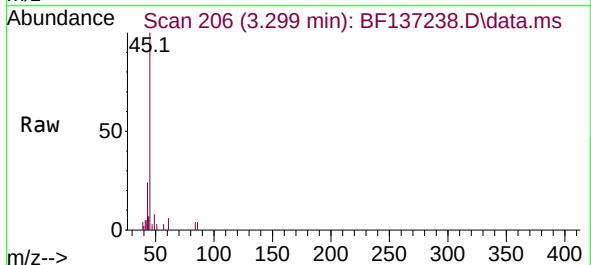
Instrument :
BNA_F
ClientSampleId :
TP-1

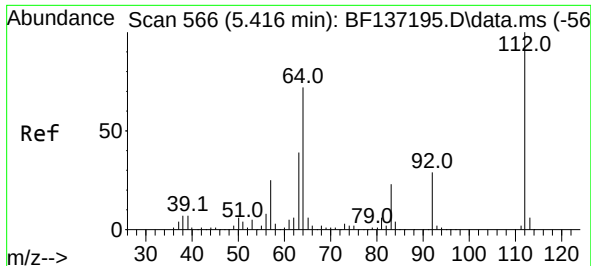
Tgt Ion:152 Resp: 56079
Ion Ratio Lower Upper
152 100
150 151.4 129.8 194.8
115 65.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.262 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.036 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 42 Resp: 428
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 147.6 6.1 9.1#

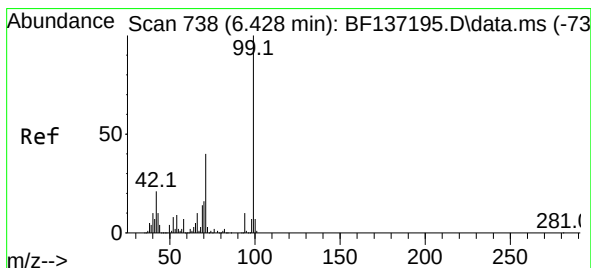
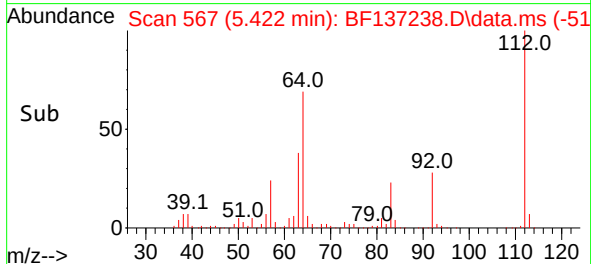
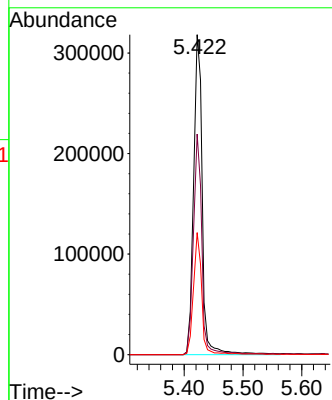
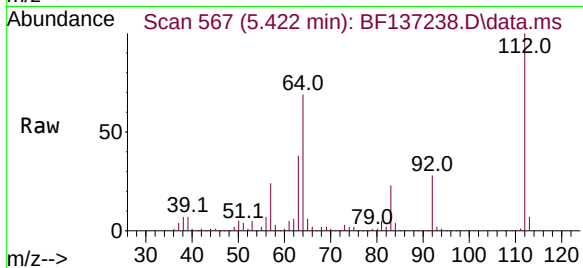




#5
2-Fluorophenol
Concen: 96.332 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

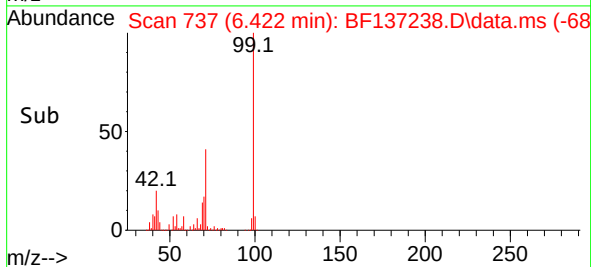
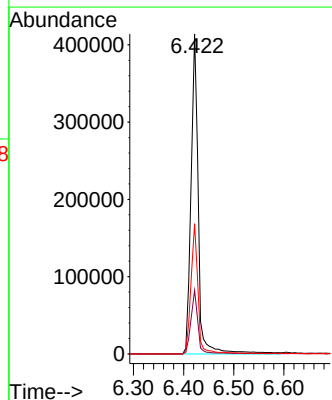
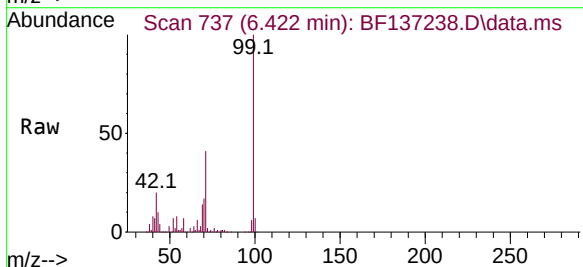
Instrument :
BNA_F
ClientSampleId :
TP-1

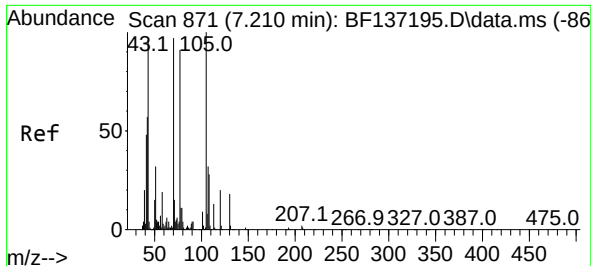
Tgt Ion:112 Resp: 327389
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.6
63 38.1 31.4 47.0



#7
Phenol-d6
Concen: 86.421 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 99 Resp: 419147
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 40.7 32.4 48.6

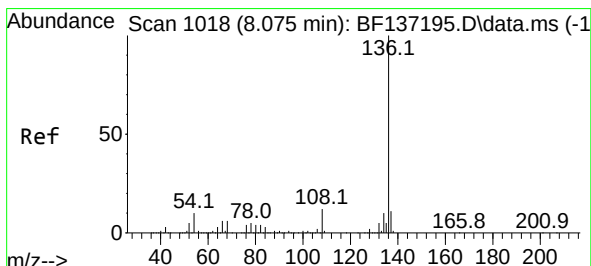
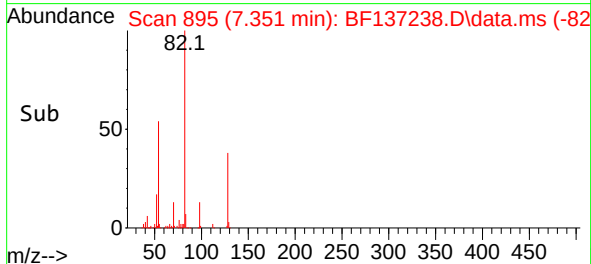
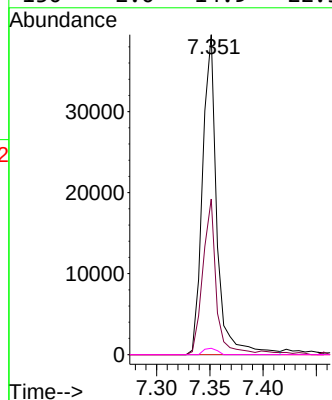
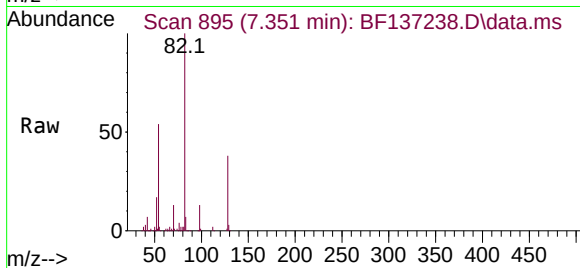




#19
n-Nitroso-di-n-propylamine
Concen: 11.104 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

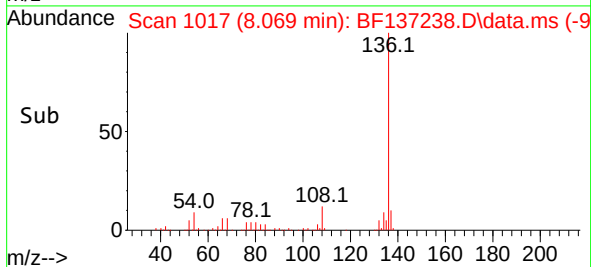
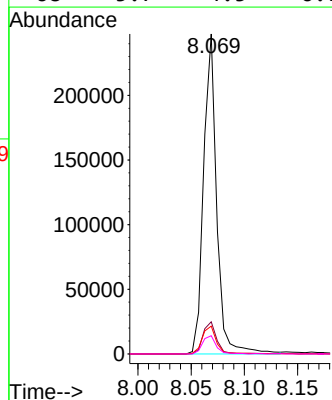
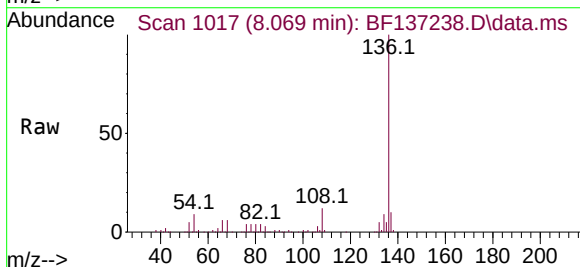
Instrument :
BNA_F
ClientSampleId :
TP-1

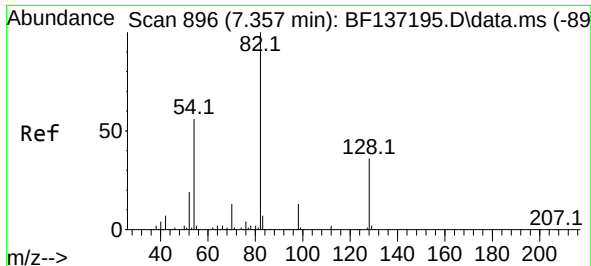
Tgt Ion: 70	Resp: 36925
Ion Ratio	Lower Upper
70 100	
42 48.6	47.2 70.8
101 0.0	7.4 11.0#
130 2.0	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 136	Resp: 210673
Ion Ratio	Lower Upper
136 100	
137 10.0	8.9 13.3
54 8.7	7.8 11.8
68 5.7	4.5 6.7

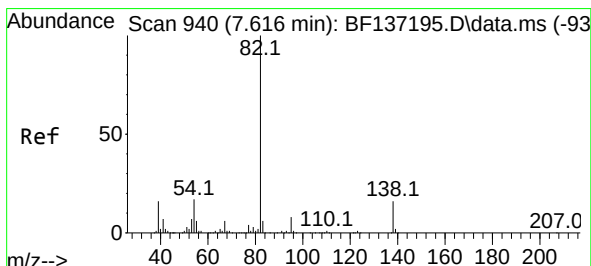
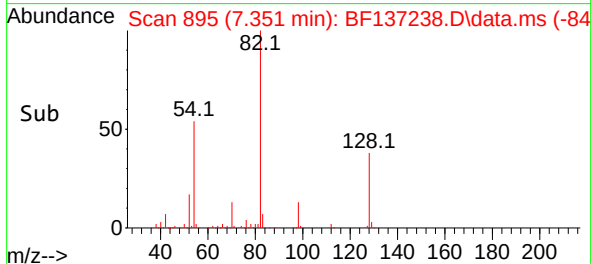
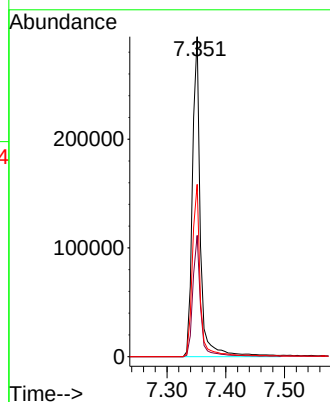
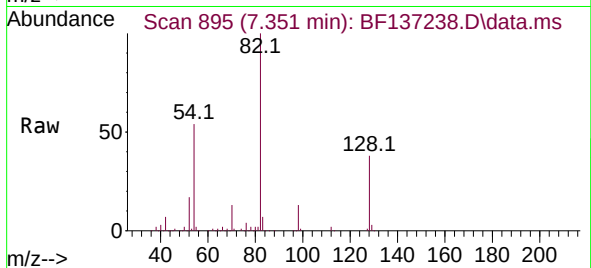




#23
Nitrobenzene-d5
Concen: 59.391 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

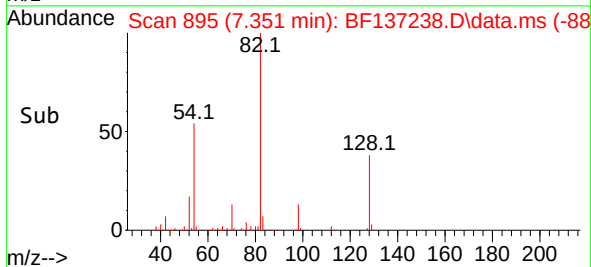
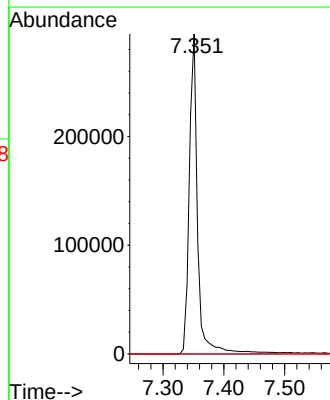
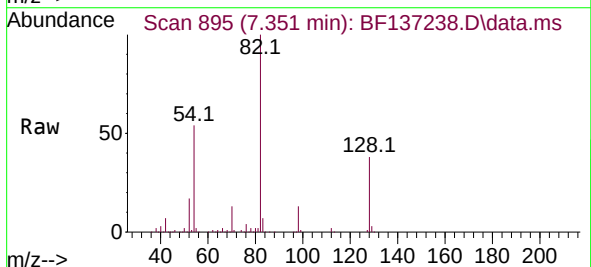
Instrument :
BNA_F
ClientSampleId :
TP-1

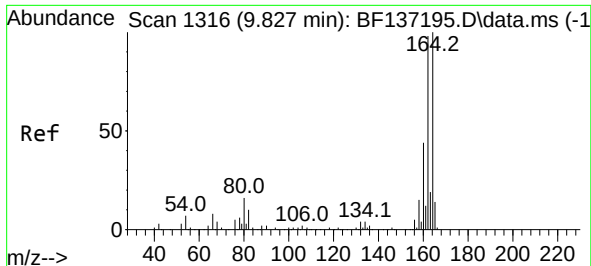
Tgt Ion: 82 Resp: 279464
Ion Ratio Lower Upper
82 100
128 37.9 29.1 43.7
54 53.8 45.0 67.6



#25
Isophorone
Concen: 32.176 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 82 Resp: 279462
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#

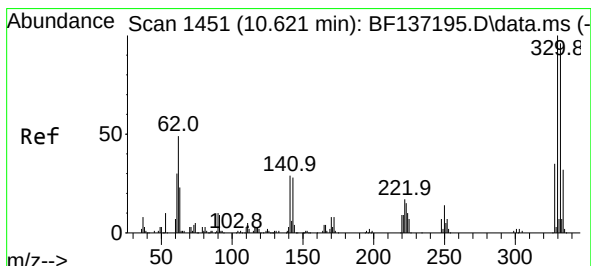
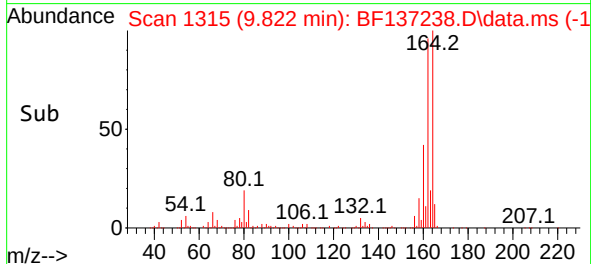
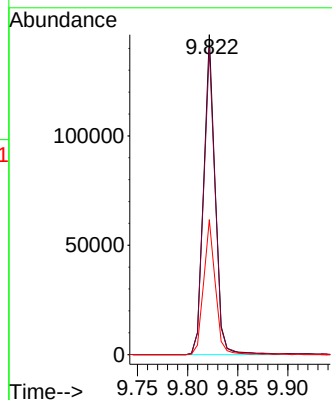
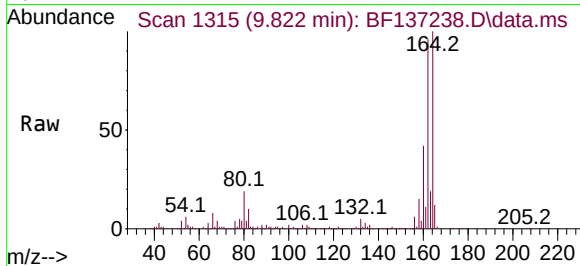




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.005 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

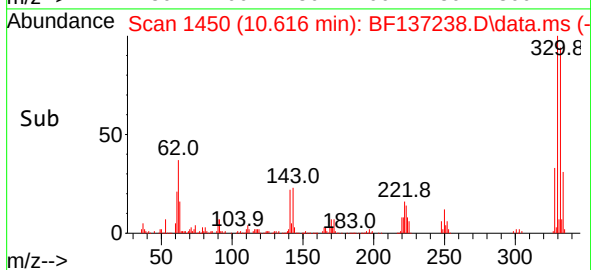
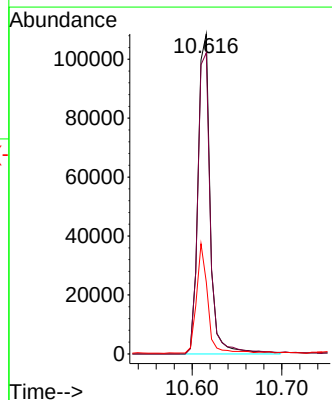
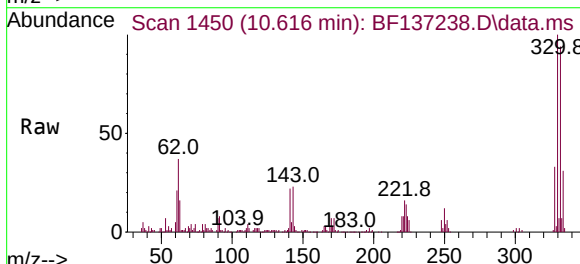
Instrument :
BNA_F
ClientSampleId :
TP-1

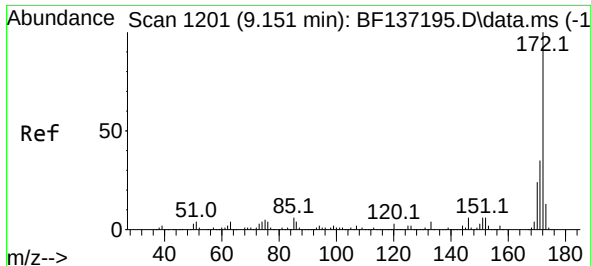
Tgt Ion:164 Resp: 116454
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 42.2 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 77.608 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion:330 Resp: 102068
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 31.5 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 58.055 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

Instrument :

BNA_F

ClientSampleId :

TP-1

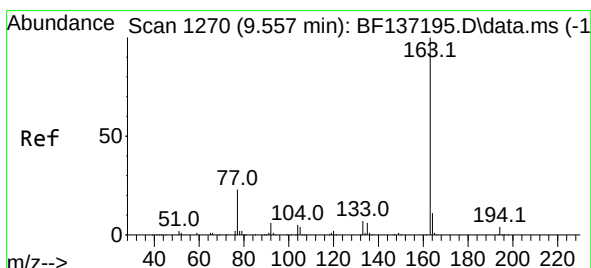
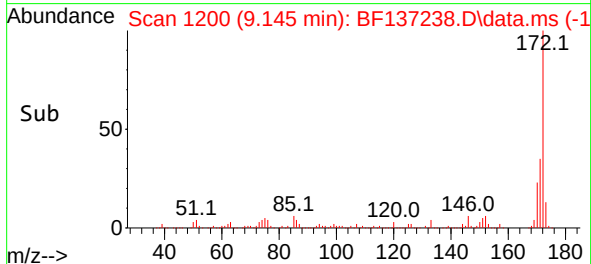
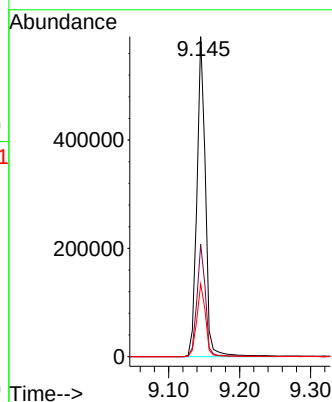
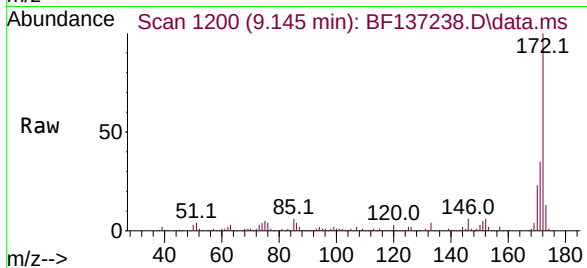
Tgt Ion:172 Resp: 491811

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.7 19.1 28.7



#50

Dimethylphthalate

Concen: 2.776 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

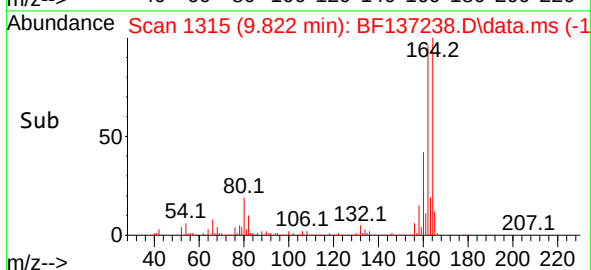
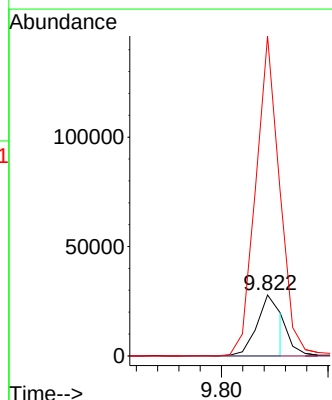
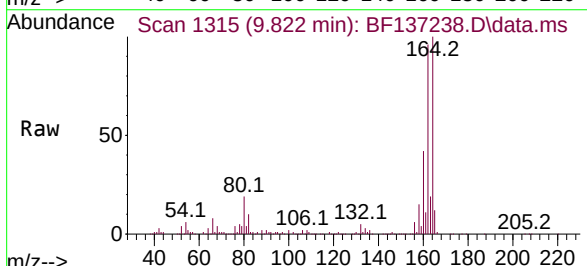
Tgt Ion:163 Resp: 21843

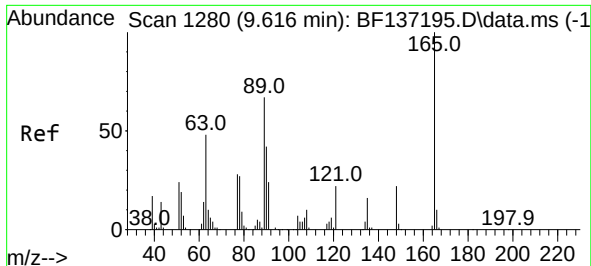
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 525.5 8.6 13.0#





#51

2,6-Dinitrotoluene

Concen: 9.153 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

Instrument :

BNA_F

ClientSampleId :

TP-1

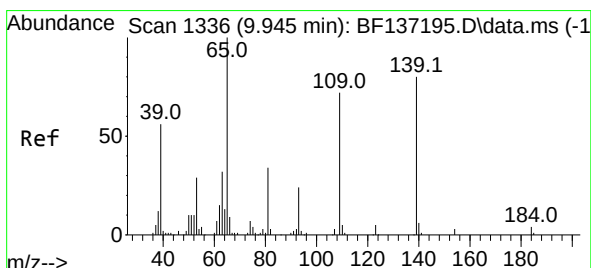
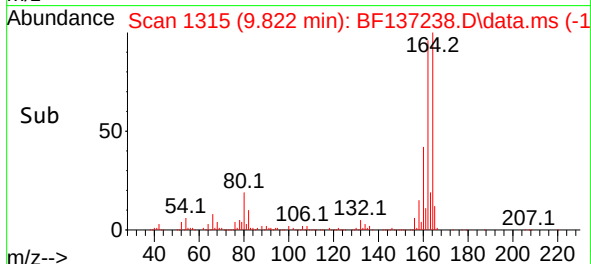
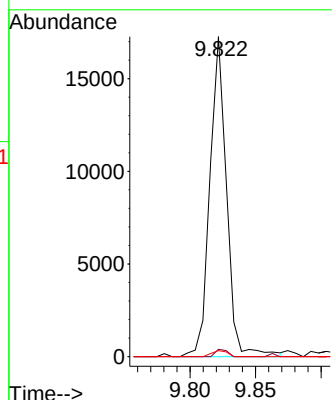
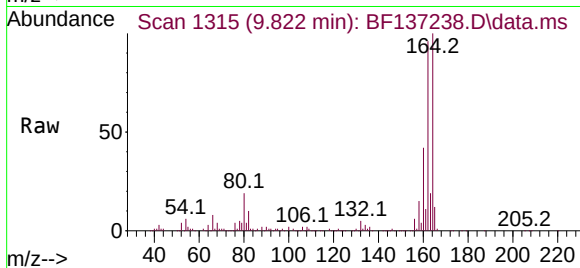
Tgt Ion:165 Resp: 15356

Ion Ratio Lower Upper

165 100

63 2.3 55.1 82.7#

89 1.9 53.5 80.3#



#56

4-Nitrophenol

Concen: 8.564 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.053 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

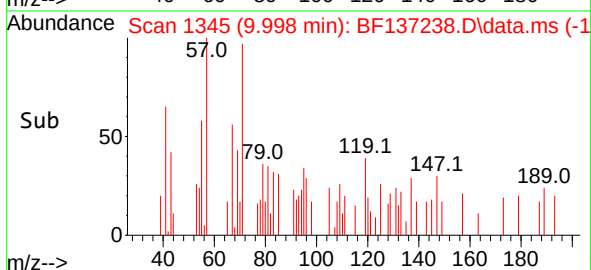
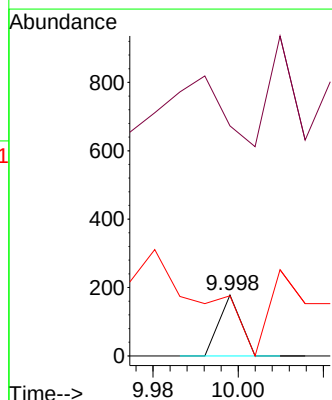
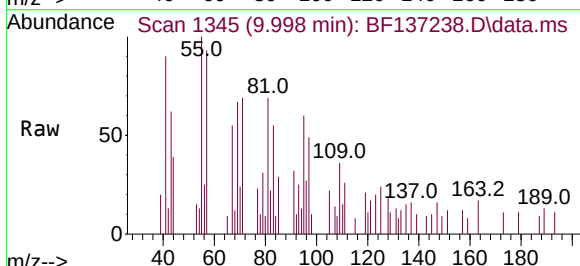
Tgt Ion:139 Resp: 63

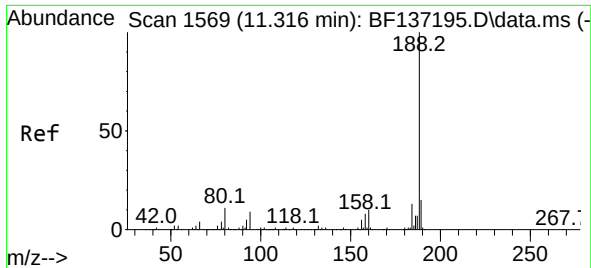
Ion Ratio Lower Upper

139 100

109 378.1 70.4 110.4#

65 98.9 107.6 147.6#

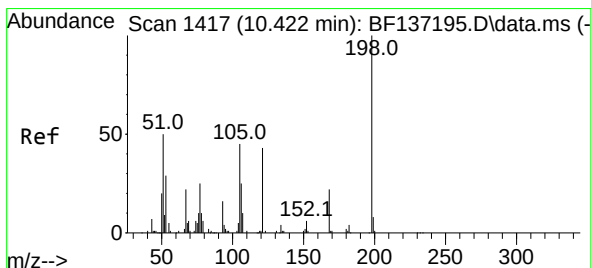
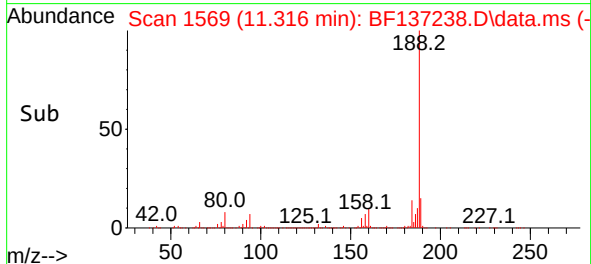
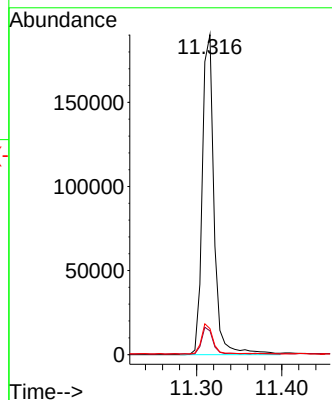
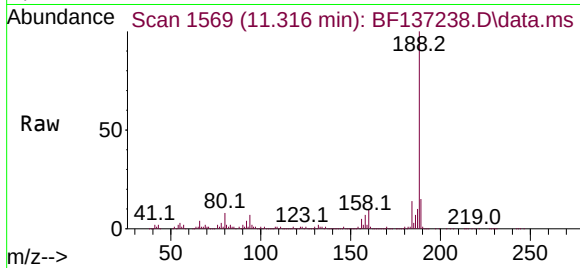




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

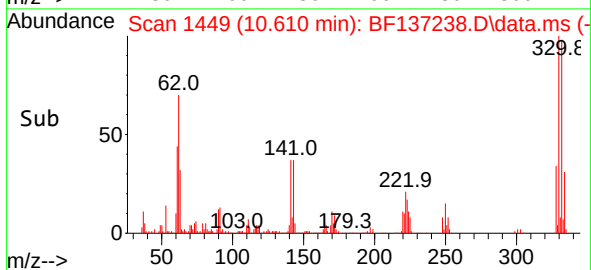
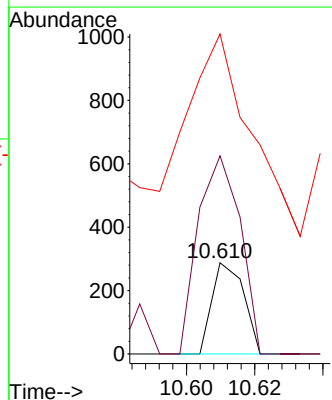
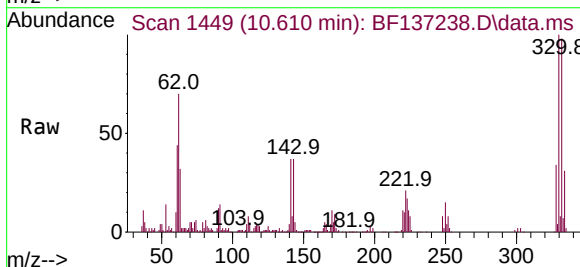
Instrument :
BNA_F
ClientSampleId :
TP-1

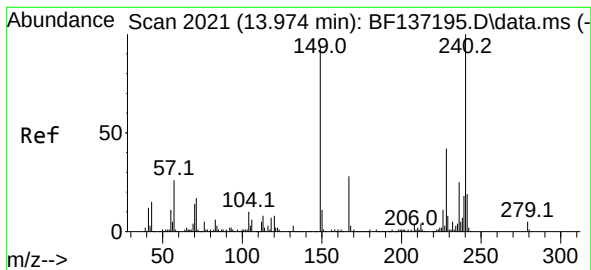
Tgt Ion:188 Resp: 182800
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.1 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.624 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.188 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion:198 Resp: 185
Ion Ratio Lower Upper
198 100
51 217.0 40.9 80.9#
105 350.7 26.5 66.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

Instrument :

BNA_F

ClientSampleId :

TP-1

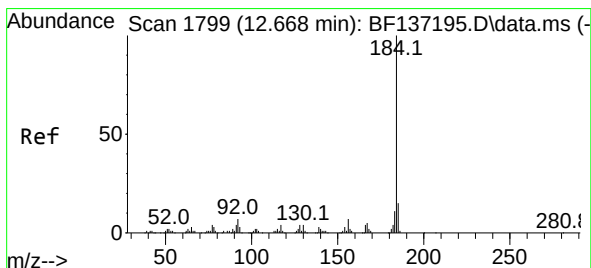
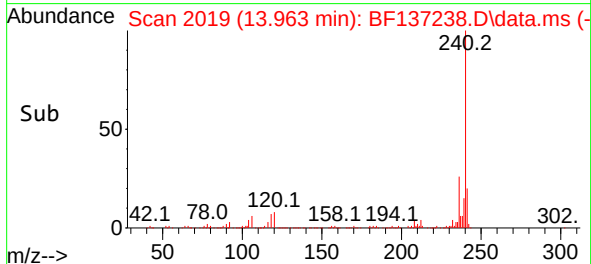
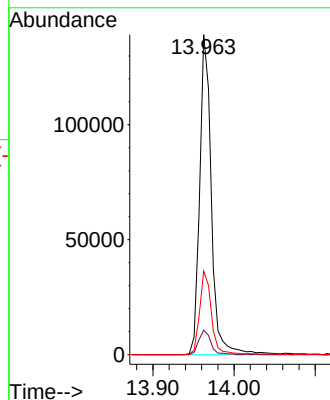
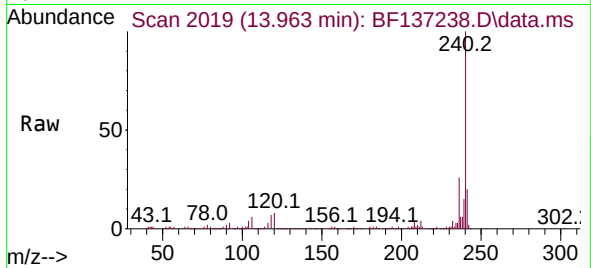
Tgt Ion:240 Resp: 138732

Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 26.1 20.3 30.5



#77

Benzidine

Concen: 2.267 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

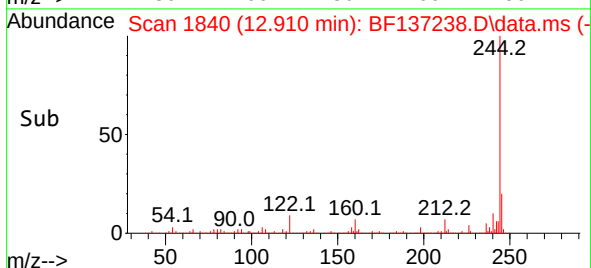
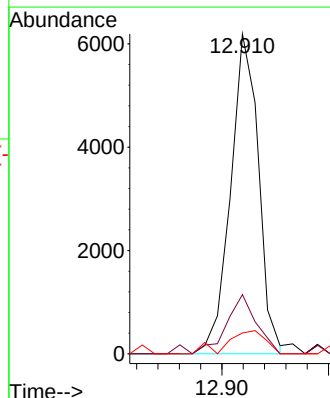
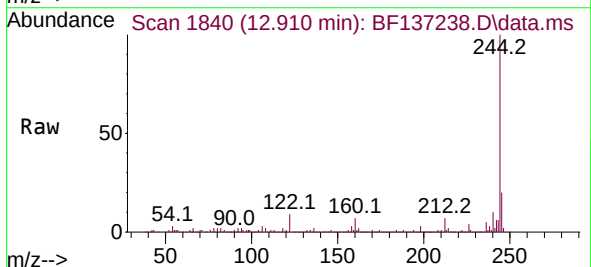
Tgt Ion:184 Resp: 5631

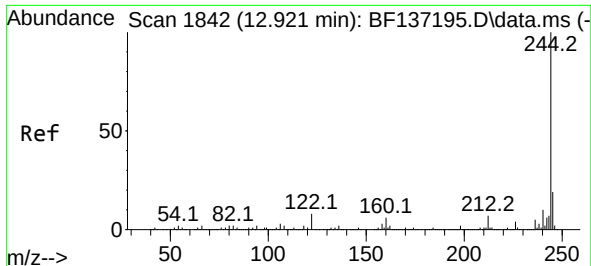
Ion Ratio Lower Upper

184 100

185 18.5 11.9 17.9#

183 6.5 8.8 13.2#

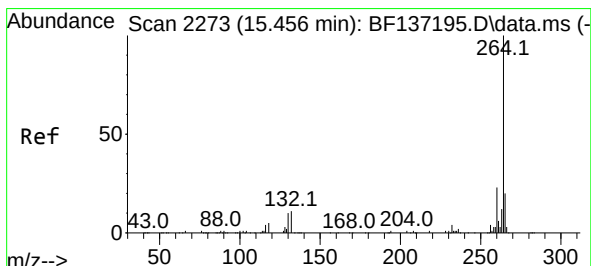
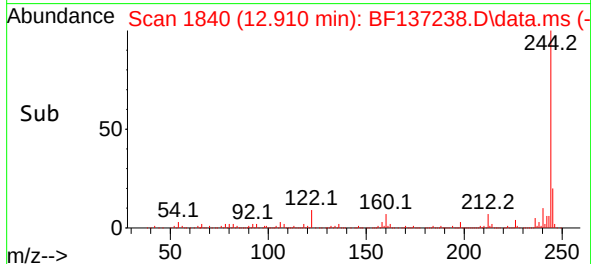
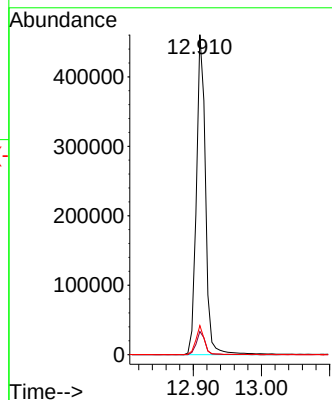
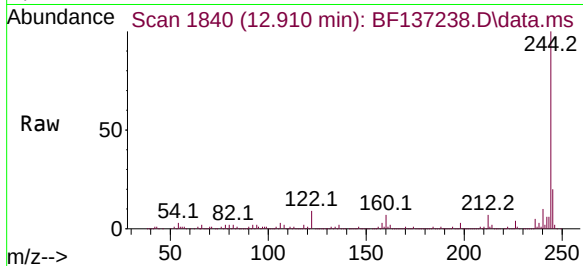




#79
 Terphenyl-d14
 Concen: 41.882 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137238.D
 Acq: 01 Feb 2024 18:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 427403
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137238.D
 Acq: 01 Feb 2024 18:23

Tgt Ion:264 Resp: 133985
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 20.9 16.2 24.2

