

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137234.D
 Acq On : 01 Feb 2024 16:22
 Operator : CG\JU
 Sample : P1311-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 01 16:46:06 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)

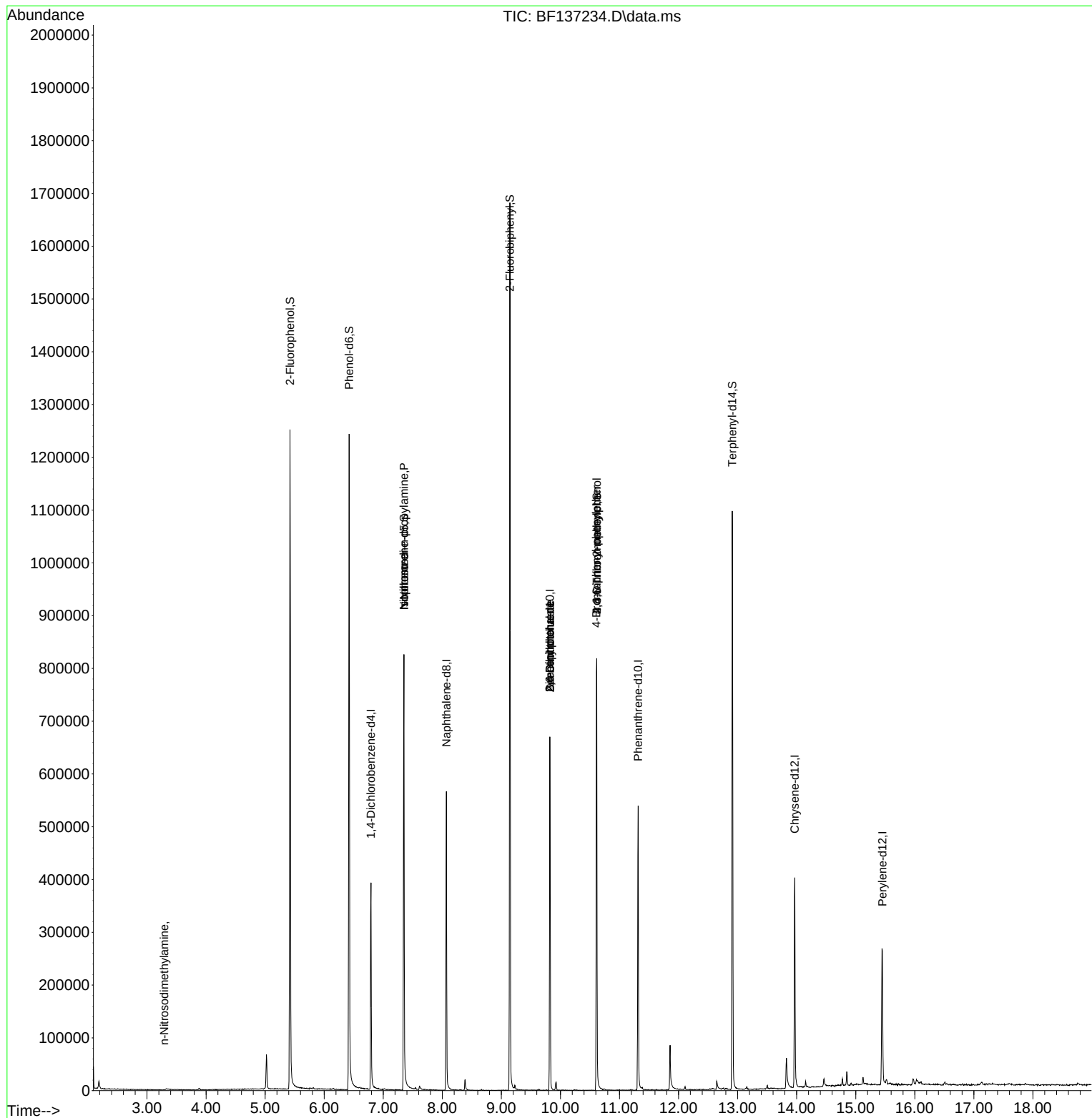
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	58267	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	233110	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	127996	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	212512	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	153121	20.000	ng	0.00
86) Perylene-d12	15.451	264	139798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	311763	88.289	ng	0.00
7) Phenol-d6	6.422	99	414374	82.228	ng	0.00
23) Nitrobenzene-d5	7.351	82	283735	54.495	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	107448	74.331	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	464579	49.896	ng	0.00
79) Terphenyl-d14	12.910	244	414410	36.792	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.293	42	55	6.085	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	37605	10.884	ng	# 78
25) Isophorone	7.351	82	283732	29.523	ng	# 67
50) Dimethylphthalate	9.822	163	23103	2.672	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15875	8.609	ng	# 16
57) 2,4-Dinitrotoluene	9.822	165	15875	6.635	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.616	198	156	5.578	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	6815	2.916	ng	# 1

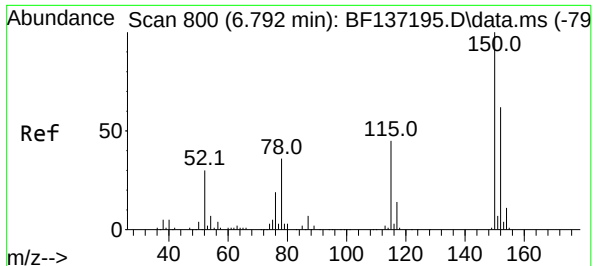
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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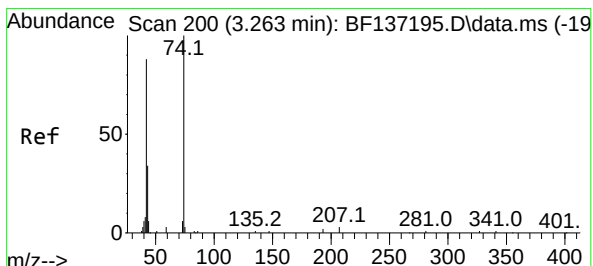
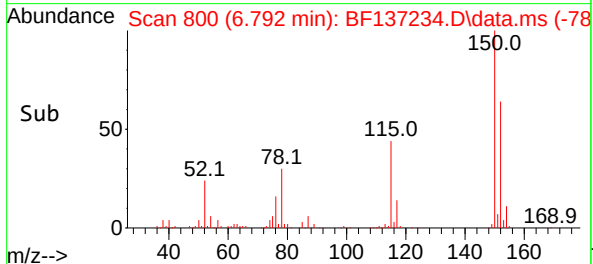
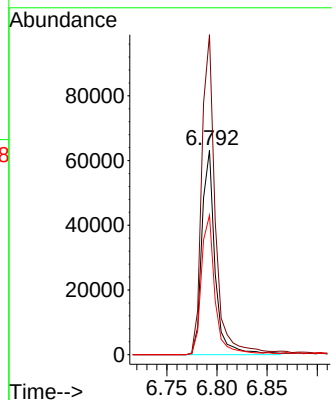
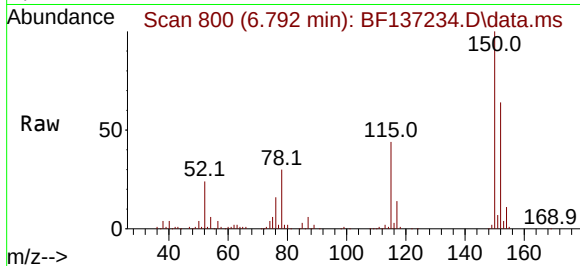




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

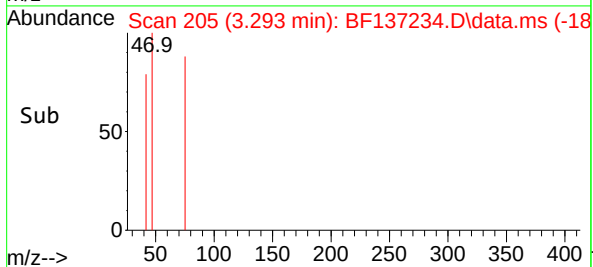
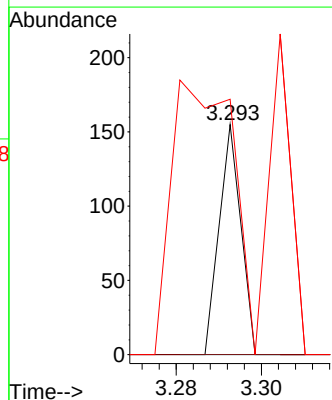
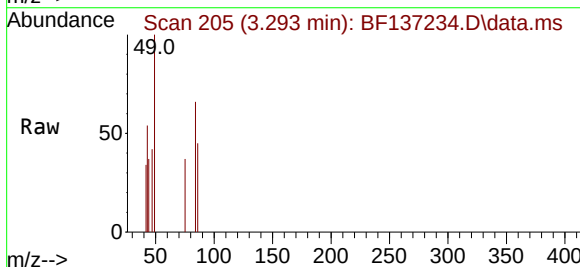
Instrument :
BNA_F
ClientSampleId :
TP-3

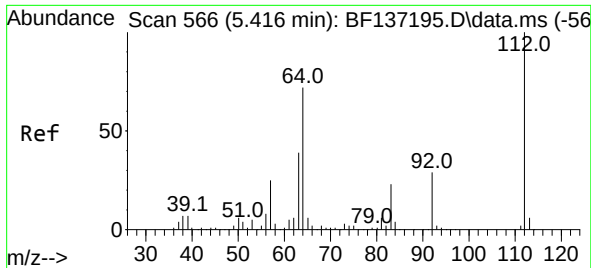
Tgt Ion:152 Resp: 58267
Ion Ratio Lower Upper
152 100
150 156.4 129.8 194.8
115 68.1 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.085 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.030 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 111.0 6.1 9.1#

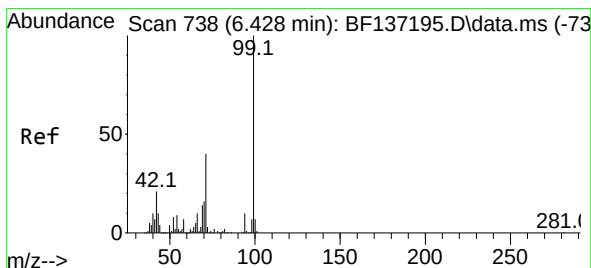
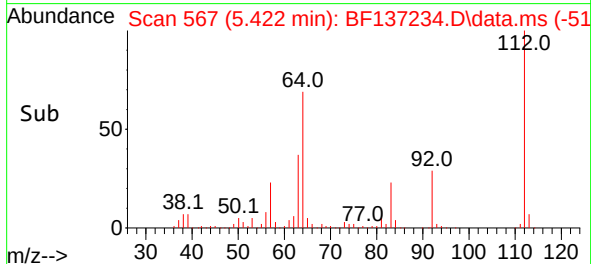
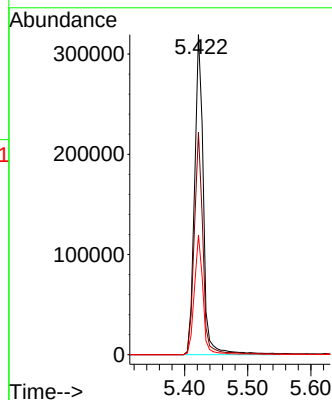
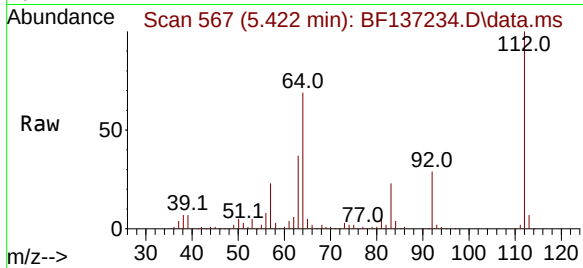




#5
2-Fluorophenol
Concen: 88.289 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

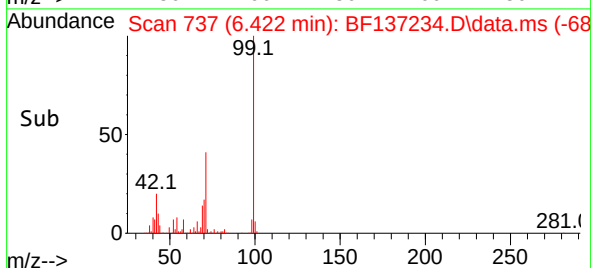
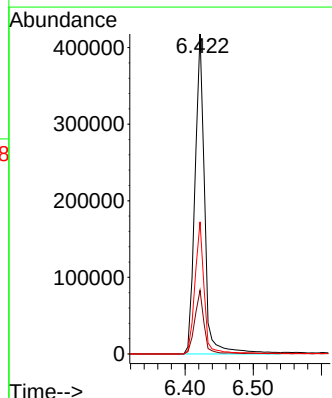
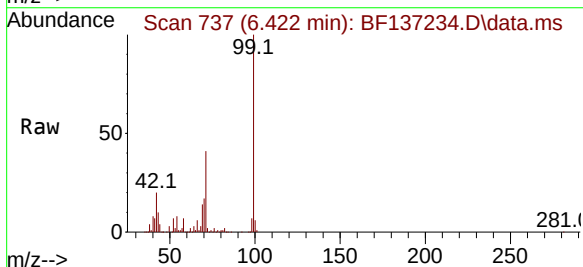
Instrument :
BNA_F
ClientSampleId :
TP-3

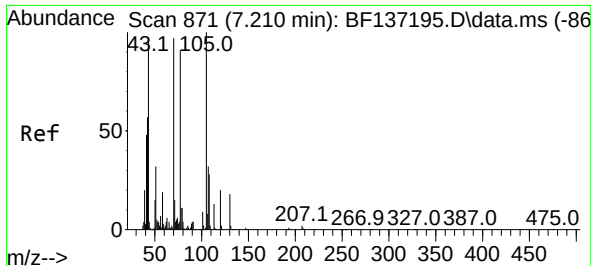
Tgt Ion:112 Resp: 311763
Ion Ratio Lower Upper
112 100
64 69.5 57.8 86.6
63 37.4 31.4 47.0



#7
Phenol-d6
Concen: 82.228 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion: 99 Resp: 414374
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 41.3 32.4 48.6





#19

n-Nitroso-di-n-propylamine

Concen: 10.884 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.141 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 70 Resp: 37605

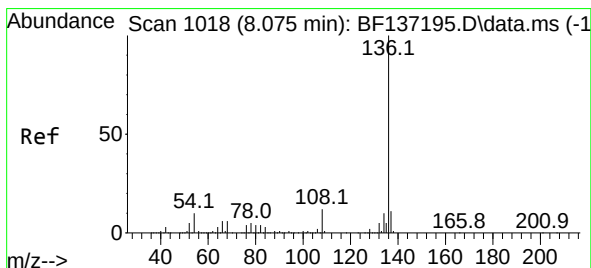
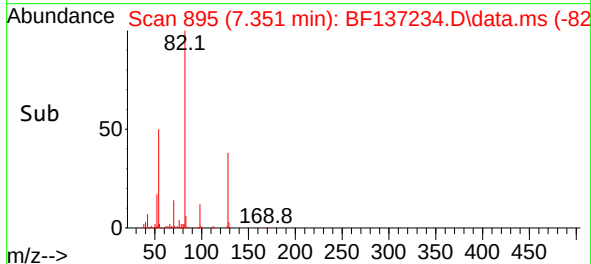
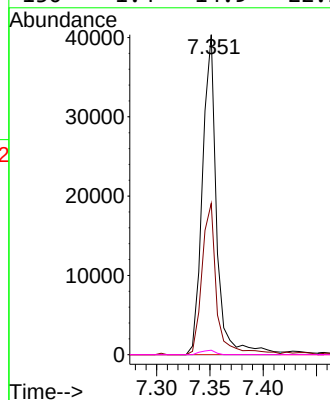
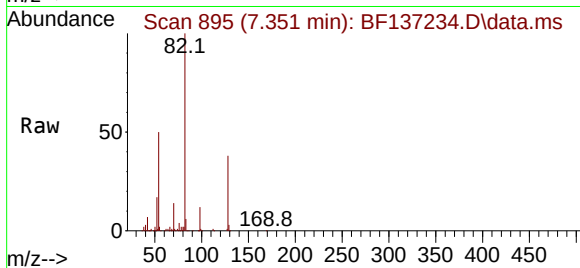
Ion Ratio Lower Upper

70 100

42 47.3 47.2 70.8

101 0.0 7.4 11.0#

130 1.4 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: BF137234.D

Acq: 01 Feb 2024 16:22

Tgt Ion:136 Resp: 233110

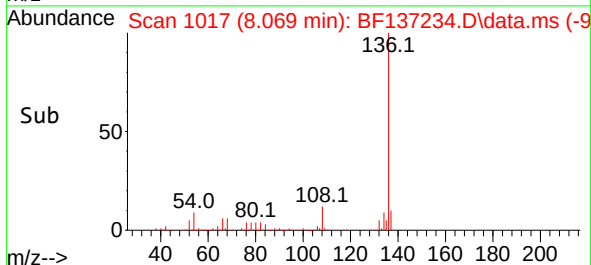
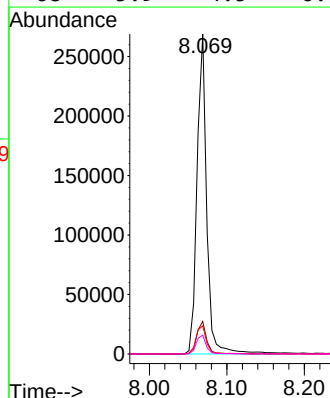
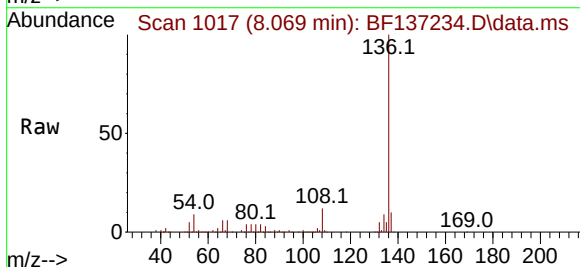
Ion Ratio Lower Upper

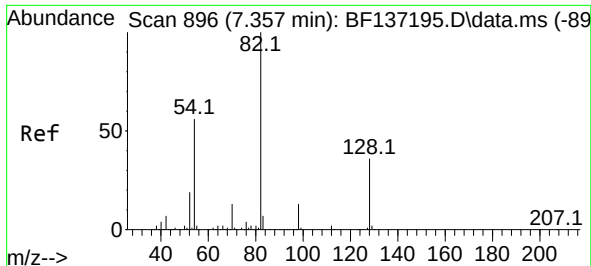
136 100

137 10.1 8.9 13.3

54 8.8 7.8 11.8

68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 54.495 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

TP-3

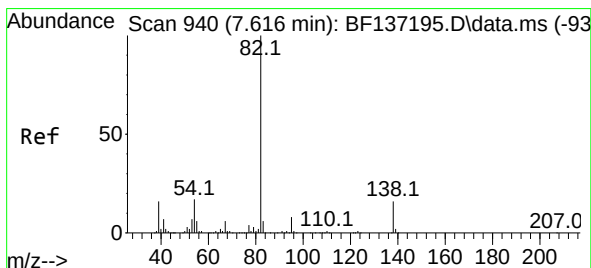
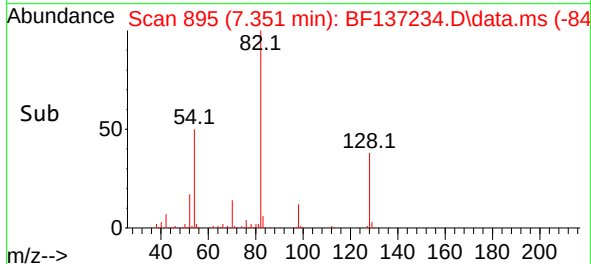
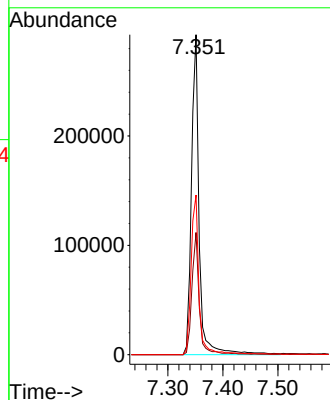
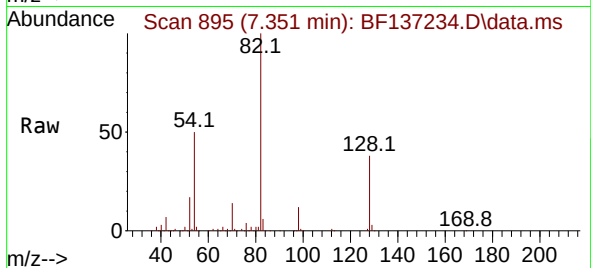
Tgt Ion: 82 Resp: 283735

Ion Ratio Lower Upper

82 100

128 38.2 29.1 43.7

54 49.9 45.0 67.6



#25

Isophorone

Concen: 29.523 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

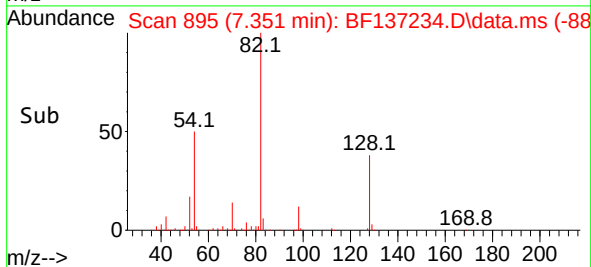
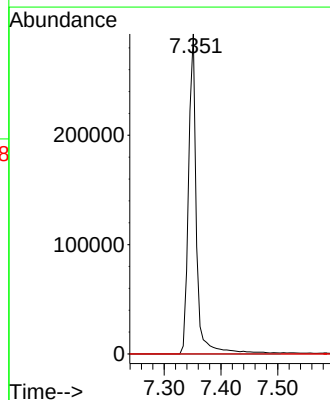
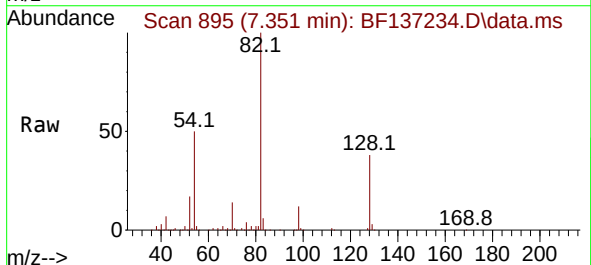
Tgt Ion: 82 Resp: 283732

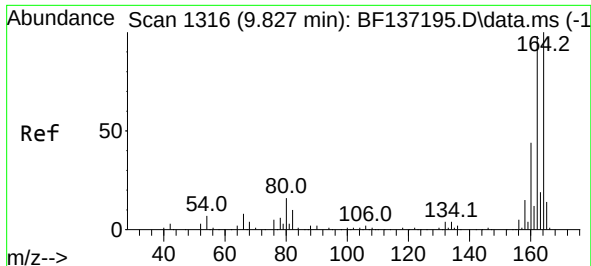
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

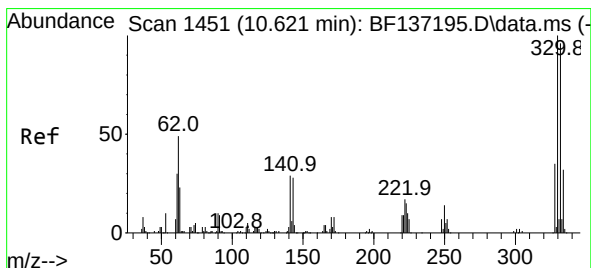
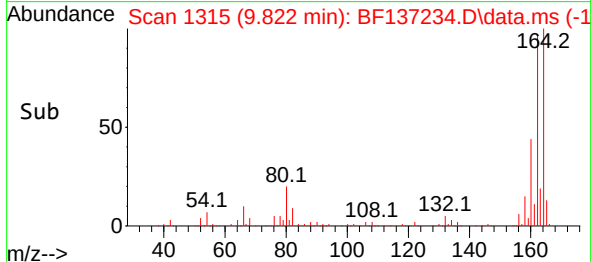
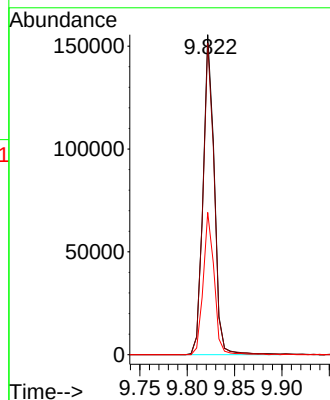
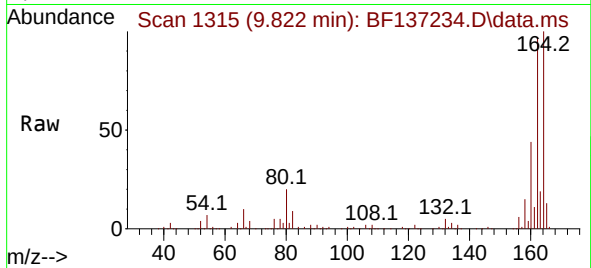




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

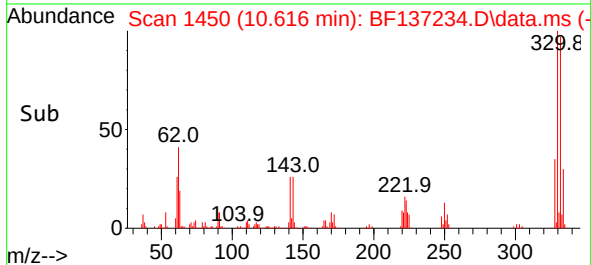
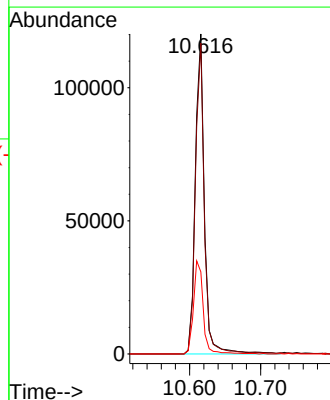
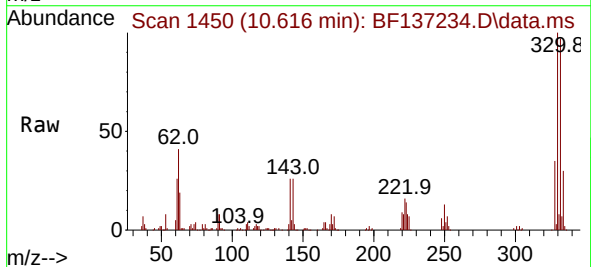
Instrument :
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ClientSampleId :
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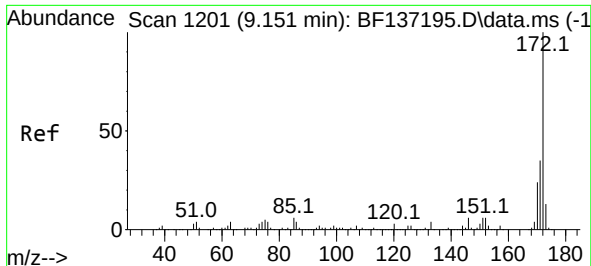
Tgt Ion:164 Resp: 127996
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 44.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 74.331 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion:330 Resp: 107448
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 31.0 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 49.896 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

TP-3

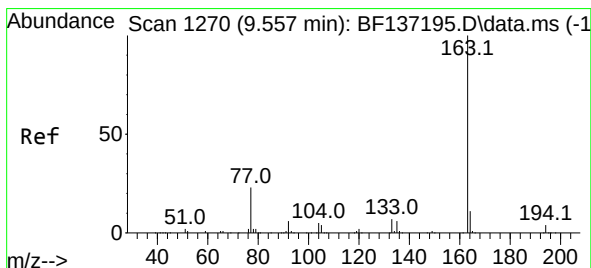
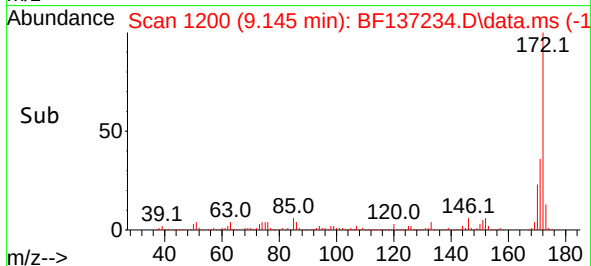
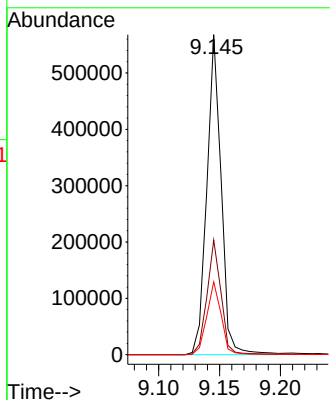
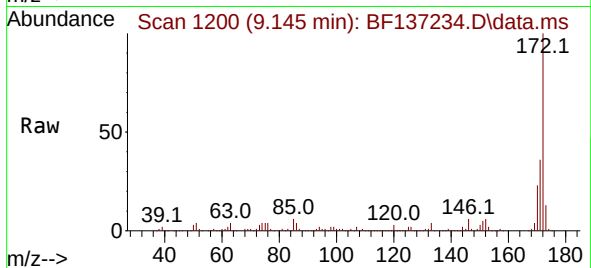
Tgt Ion:172 Resp: 464579

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 22.8 19.1 28.7



#50

Dimethylphthalate

Concen: 2.672 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

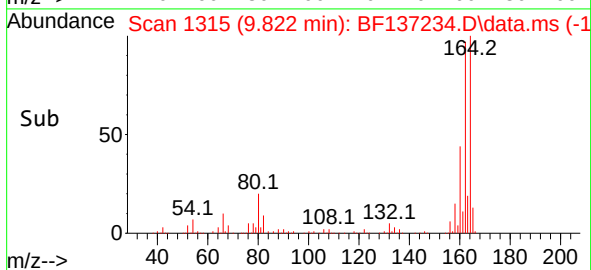
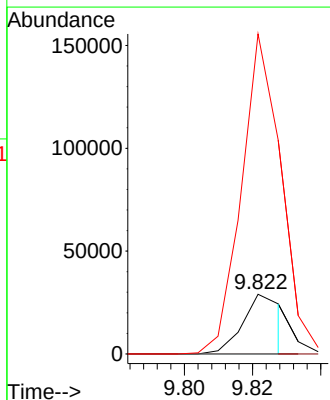
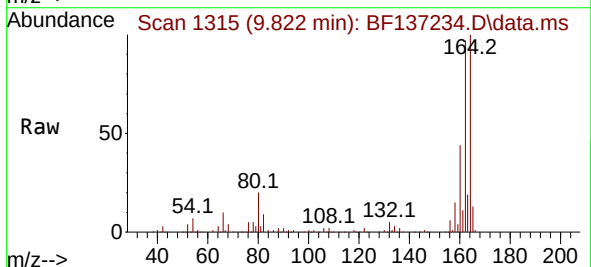
Tgt Ion:163 Resp: 23103

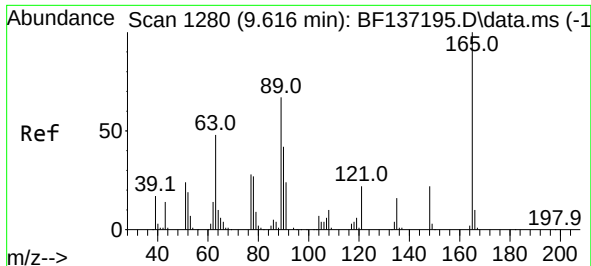
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 535.5 8.6 13.0#

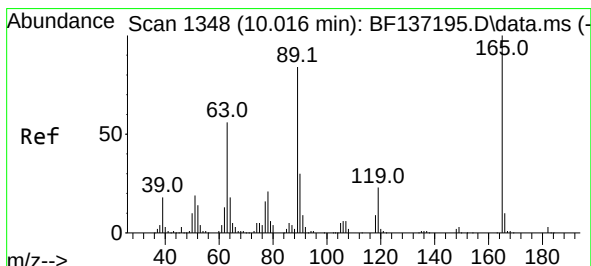
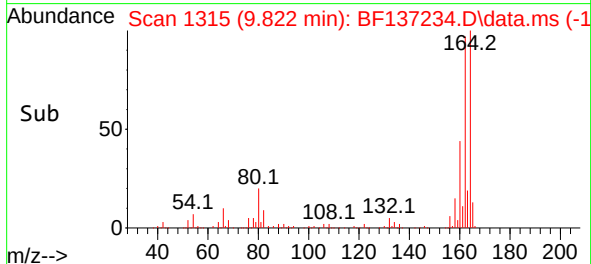
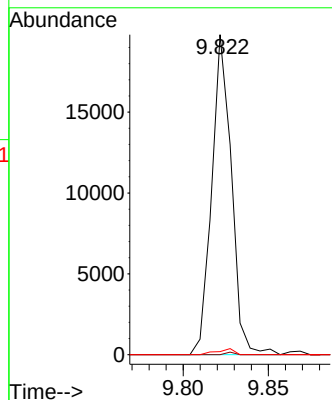
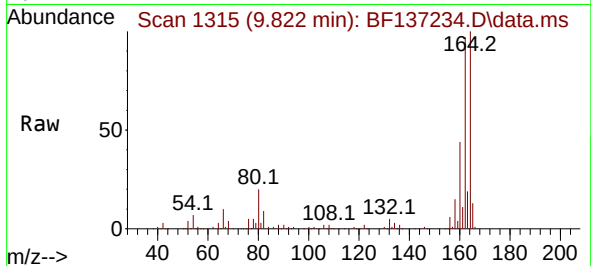




#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

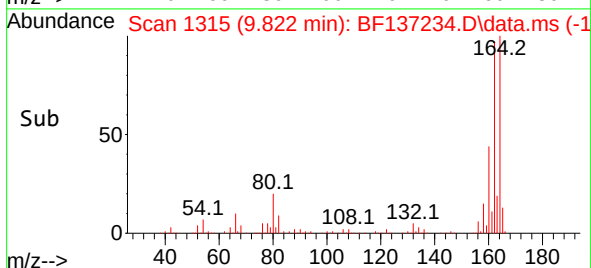
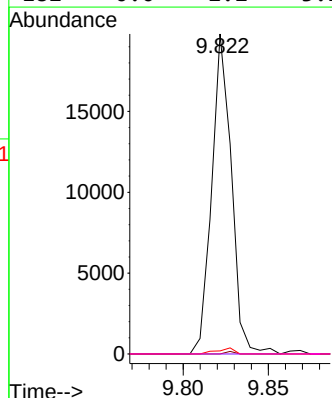
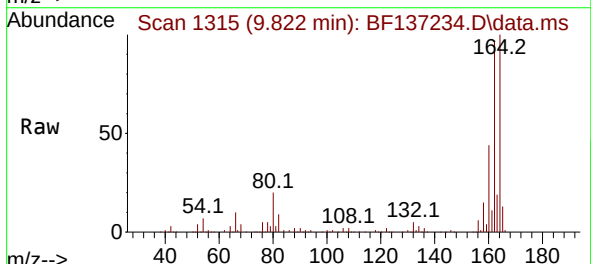
Instrument :
BNA_F
ClientSampleId :
TP-3

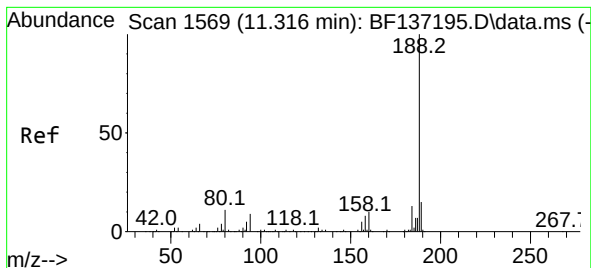
Tgt Ion:165 Resp: 15875
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 1.0 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion:165 Resp: 15875
Ion Ratio Lower Upper
165 100
63 0.0 46.1 69.1#
89 1.0 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

TP-3

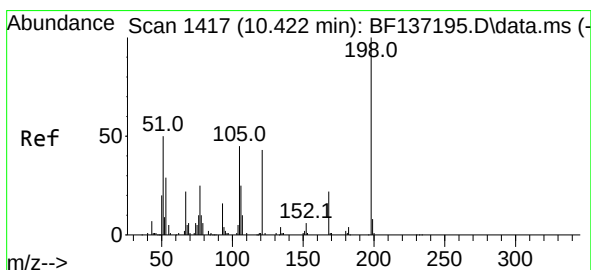
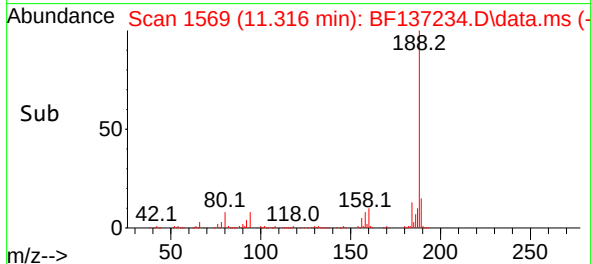
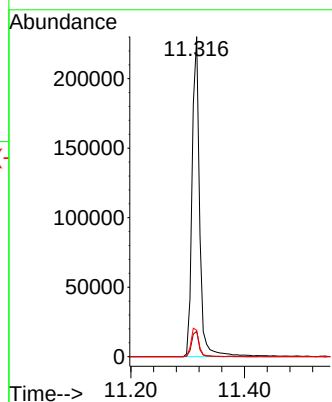
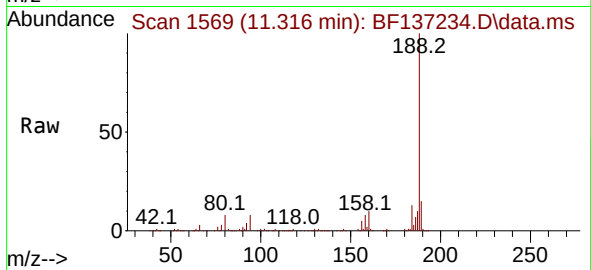
Tgt Ion:188 Resp: 212512

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 8.3 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.578 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137234.D

Acq: 01 Feb 2024 16:22

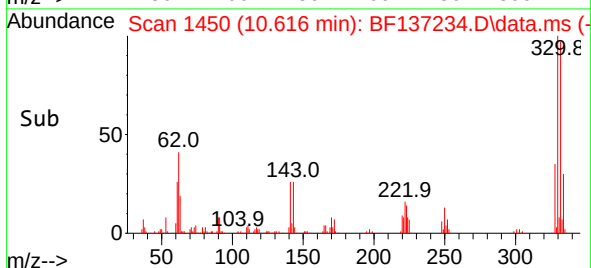
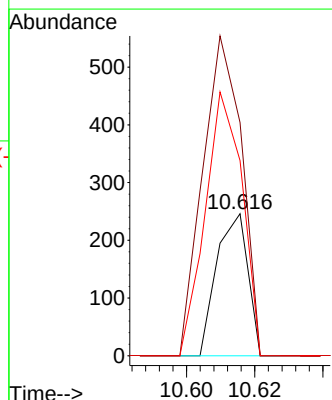
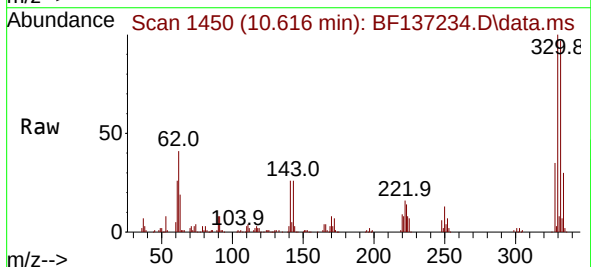
Tgt Ion:198 Resp: 156

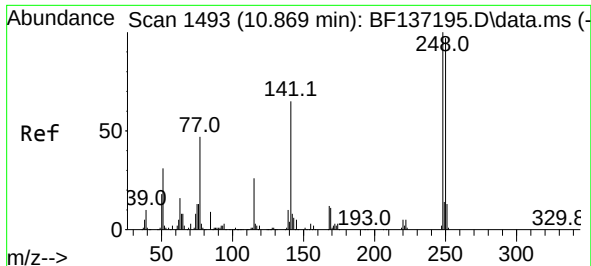
Ion Ratio Lower Upper

198 100

51 164.2 40.9 80.9#

105 137.4 26.5 66.5#

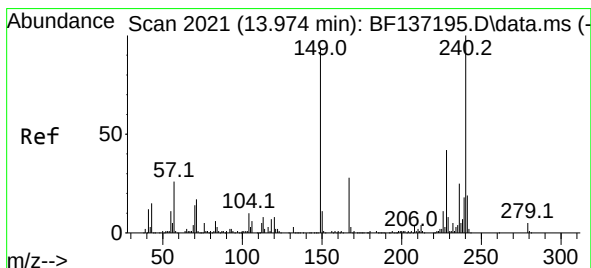
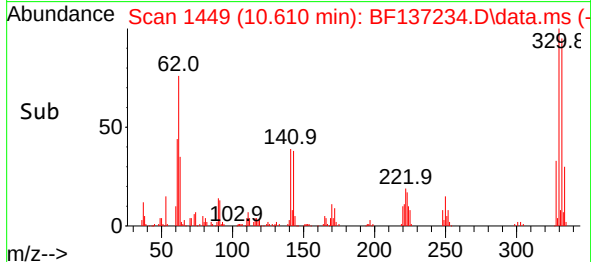
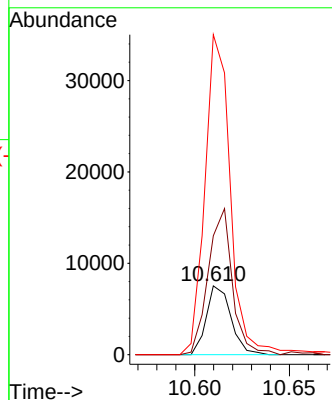
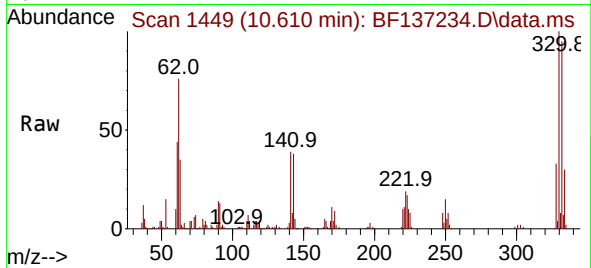




#67
4-Bromophenyl-phenylether
Concen: 2.916 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.259 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

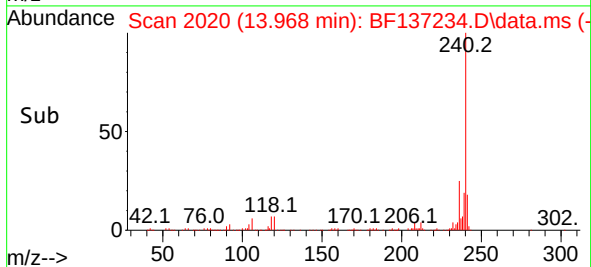
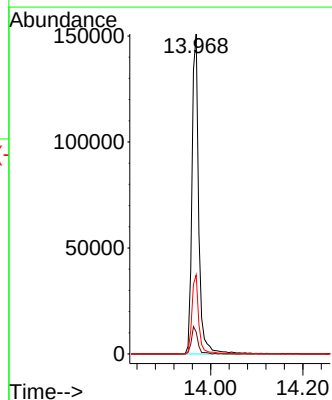
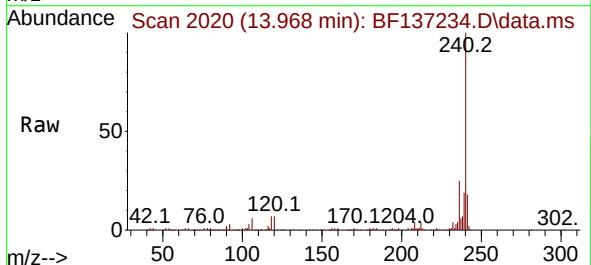
Instrument :
BNA_F
ClientSampleId :
TP-3

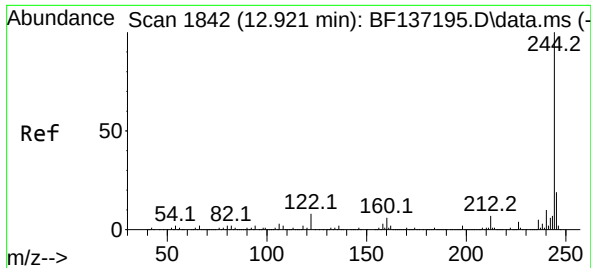
Tgt Ion:248 Resp: 6815
Ion Ratio Lower Upper
248 100
250 172.5 77.7 116.5#
141 464.6 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion:240 Resp: 153121
Ion Ratio Lower Upper
240 100
120 6.8 6.3 9.5
236 24.7 20.3 30.5

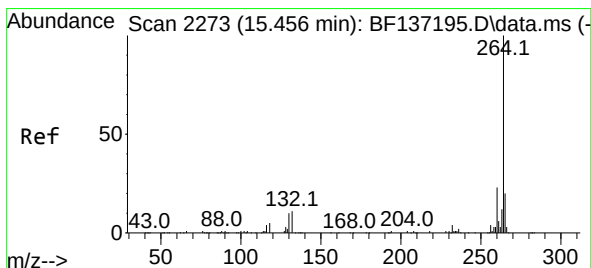
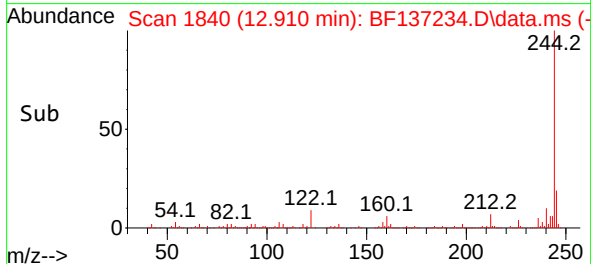
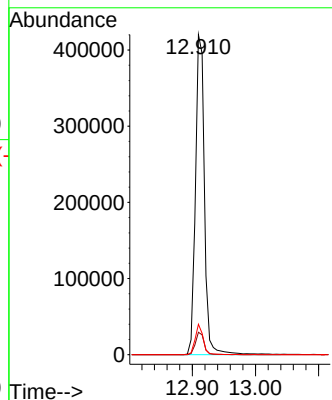
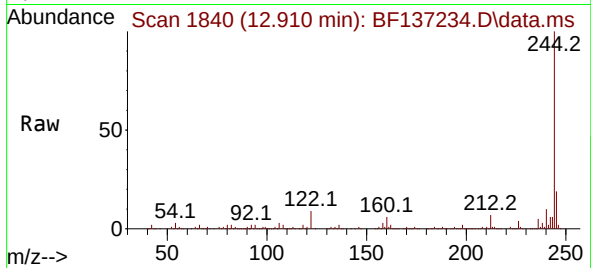




#79
Terphenyl-d14
Concen: 36.792 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 414410
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.5 6.2 9.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137234.D
Acq: 01 Feb 2024 16:22

Tgt Ion:264 Resp: 139798
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.4
265 21.0 16.2 24.2

