

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137293.D
 Acq On : 06 Feb 2024 15:49
 Operator : CG\JU
 Sample : PB158779TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158779TB

Quant Time: Feb 06 16:14:57 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)

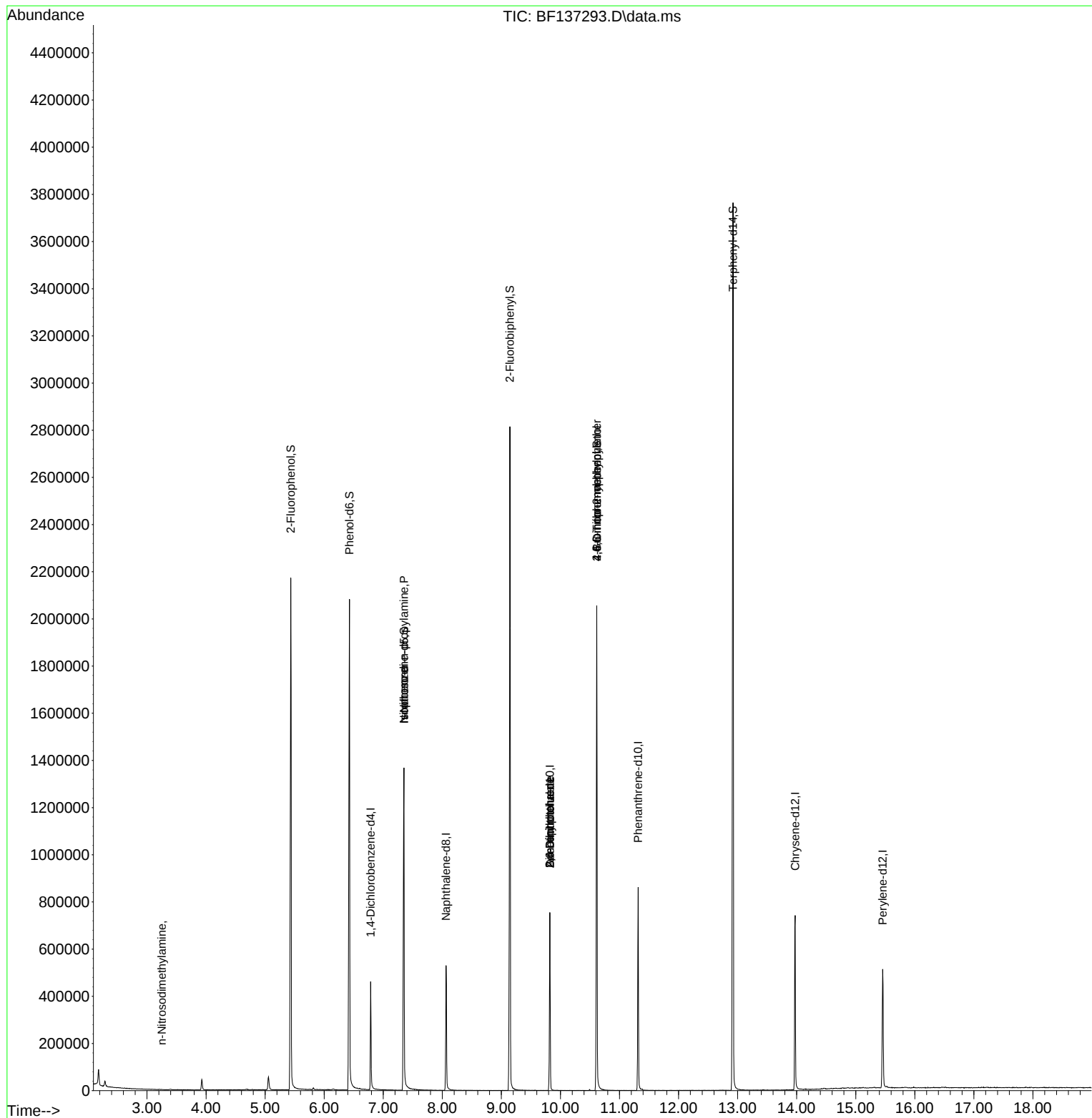
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	63984	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	251830	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	153163	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315173	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	278617	20.000	ng	0.00
86) Perylene-d12	15.457	264	255023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	579759	149.514	ng	0.02
7) Phenol-d6	6.428	99	762768	137.839	ng	0.00
23) Nitrobenzene-d5	7.351	82	512594	91.132	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	257562	148.901	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	951615	85.409	ng	0.00
79) Terphenyl-d14	12.921	244	1410467	68.820	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.251	42	134	6.115	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	70912	18.689	ng	# 80
25) Isophorone	7.351	82	512588	49.372	ng	# 67
50) Dimethylphthalate	9.822	163	28701	2.774	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	19133	8.671	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	19133	6.683	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	543	5.743	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16529	4.770	ng	# 1

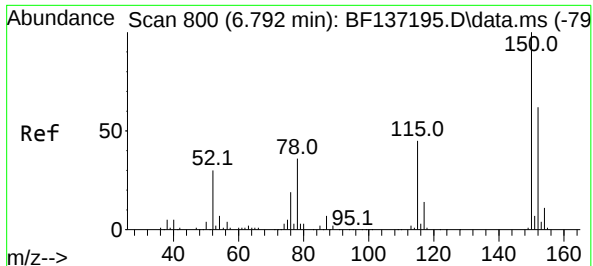
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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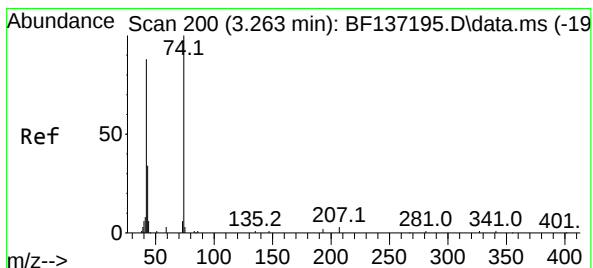
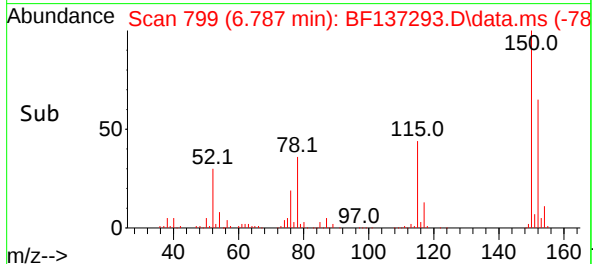
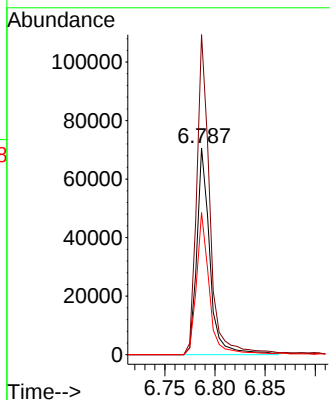
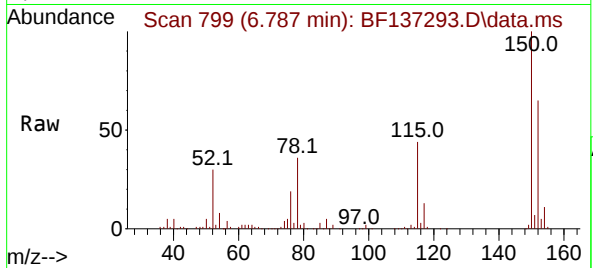




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

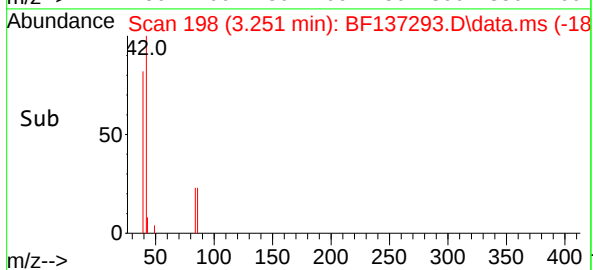
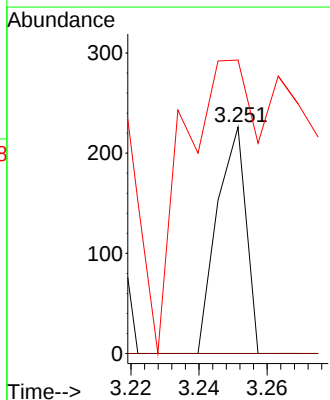
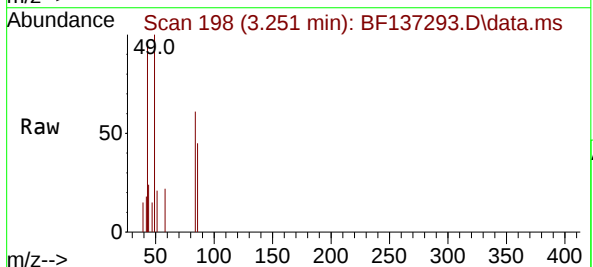
Instrument :
BNA_F
ClientSampleId :
PB158779TB

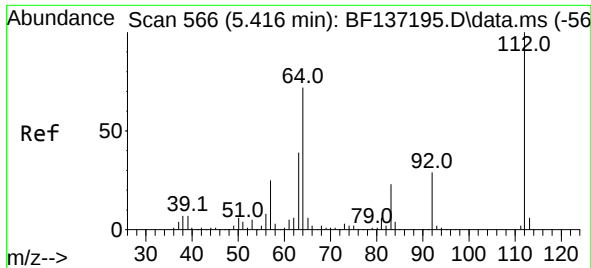
Tgt Ion:152 Resp: 63984
Ion Ratio Lower Upper
152 100
150 154.8 129.8 194.8
115 68.7 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.115 ng
RT: 3.251 min Scan# 198
Delta R.T. -0.012 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 42 Resp: 134
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 129.6 6.1 9.1#

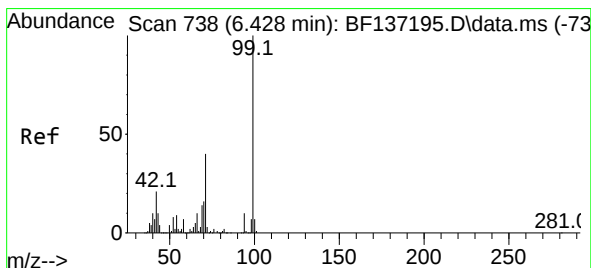
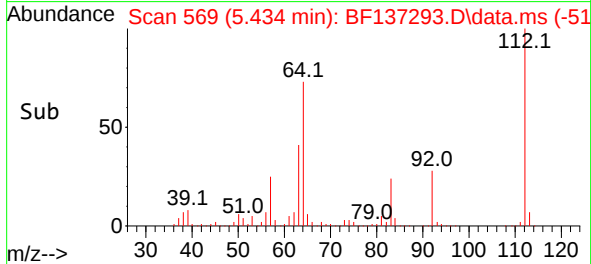
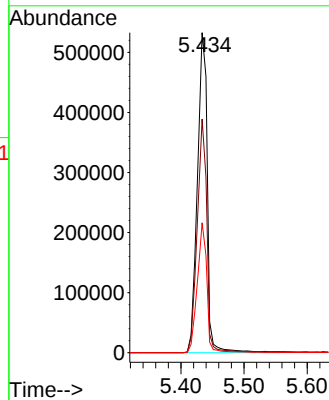
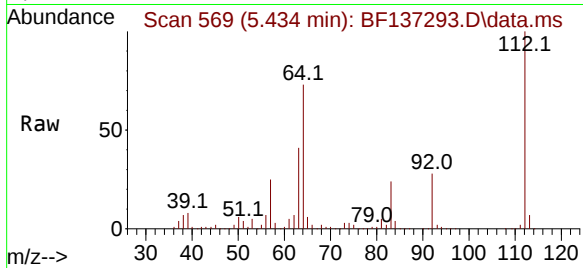




#5
2-Fluorophenol
Concen: 149.514 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

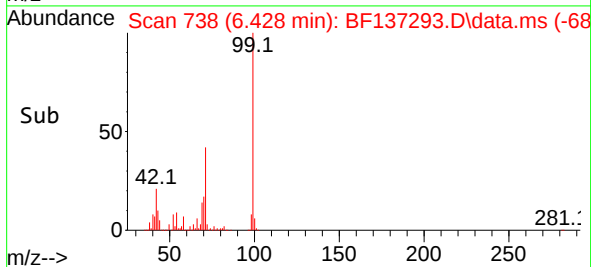
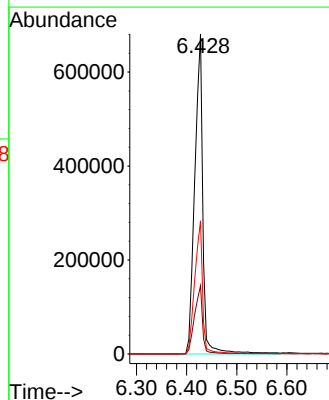
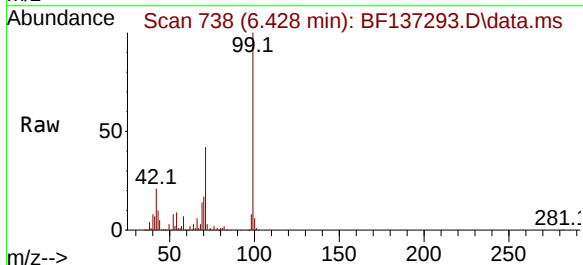
Instrument :
BNA_F
ClientSampleId :
PB158779TB

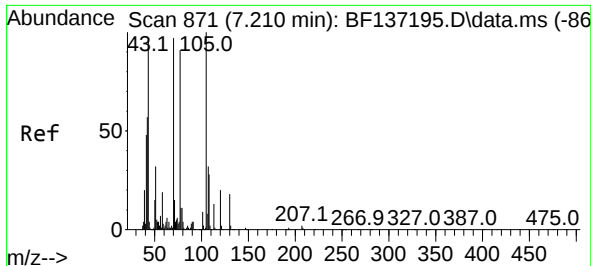
Tgt Ion:112 Resp: 579759
Ion Ratio Lower Upper
112 100
64 73.0 57.8 86.6
63 40.6 31.4 47.0



#7
Phenol-d6
Concen: 137.839 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion: 99 Resp: 762768
Ion Ratio Lower Upper
99 100
42 21.3 16.4 24.6
71 41.6 32.4 48.6

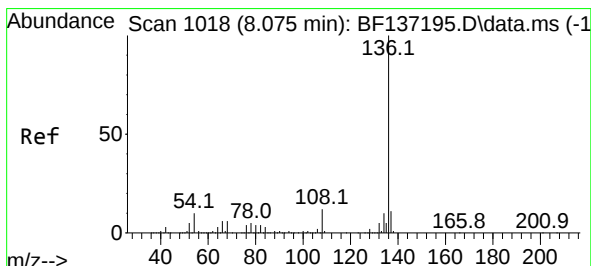
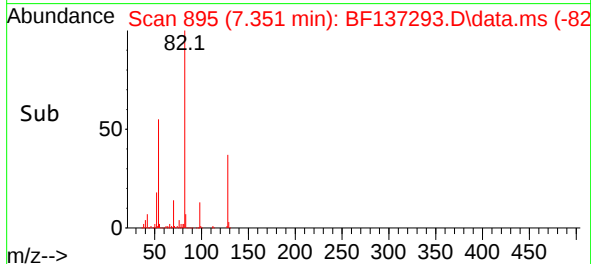
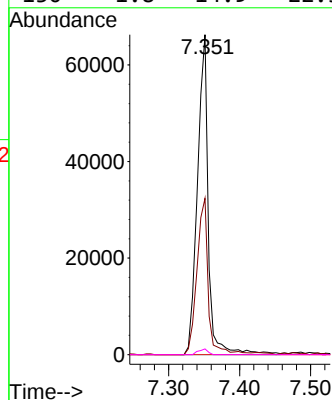
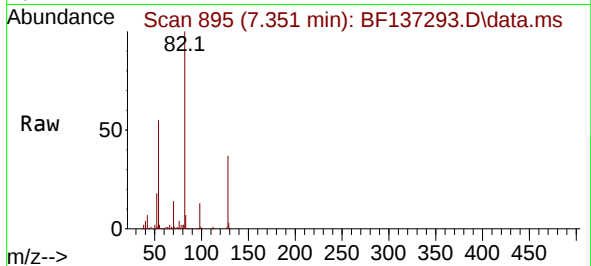




#19
n-Nitroso-di-n-propylamine
Concen: 18.689 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

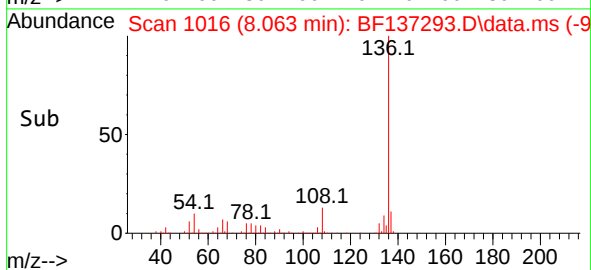
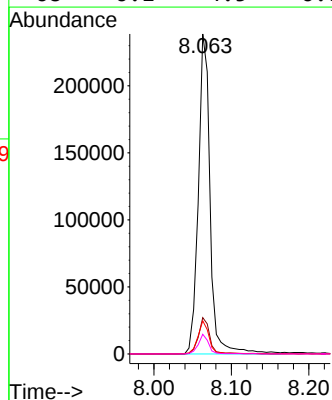
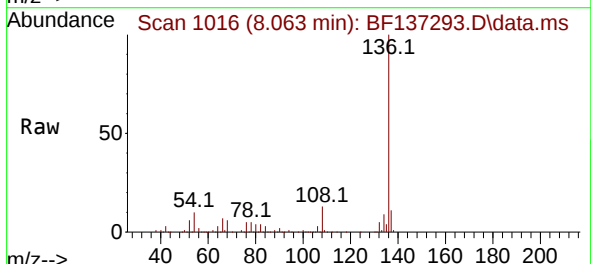
Instrument :
BNA_F
ClientSampleId :
PB158779TB

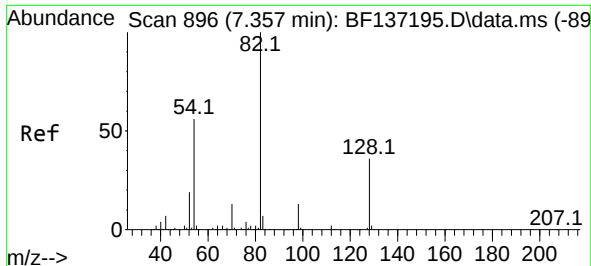
Tgt Ion:	70	Resp:	70912
Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.2	70.8
101	0.0	7.4	11.0#
130	1.8	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:	136	Resp:	251830
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	7.8	11.8
68	6.1	4.5	6.7





#23

Nitrobenzene-d5

Concen: 91.132 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB158779TB

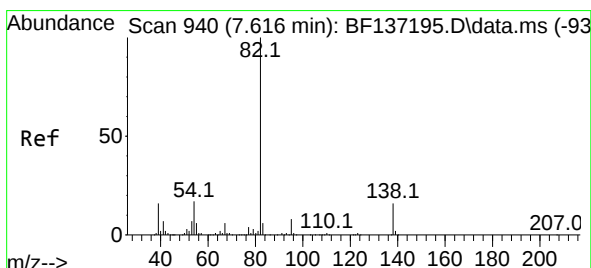
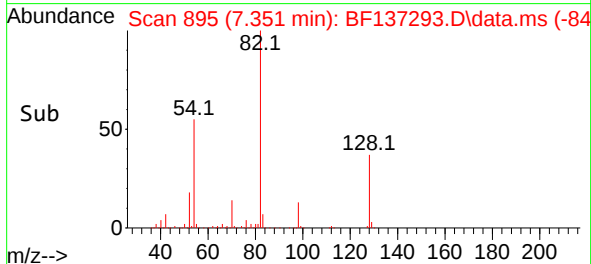
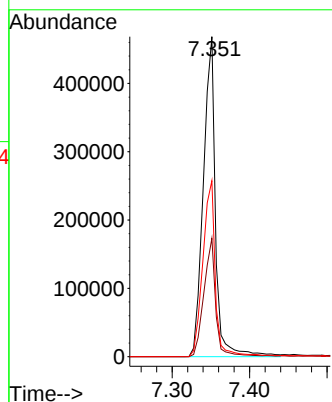
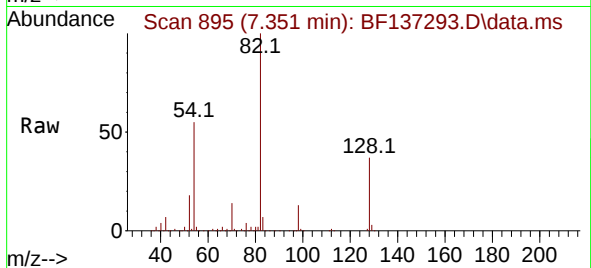
Tgt Ion: 82 Resp: 512594

Ion Ratio Lower Upper

82 100

128 37.0 29.1 43.7

54 55.0 45.0 67.6



#25

Isophorone

Concen: 49.372 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

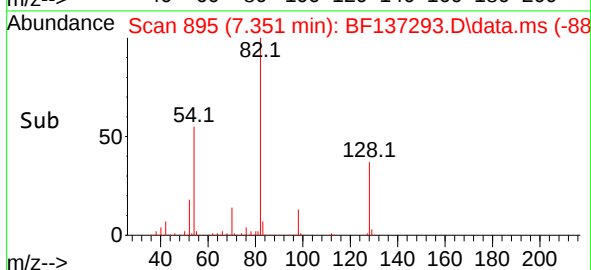
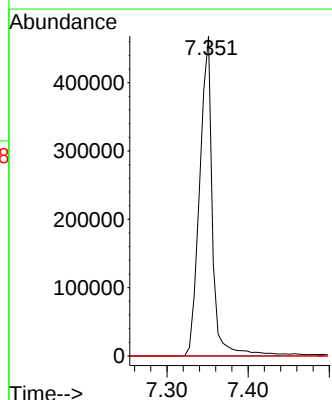
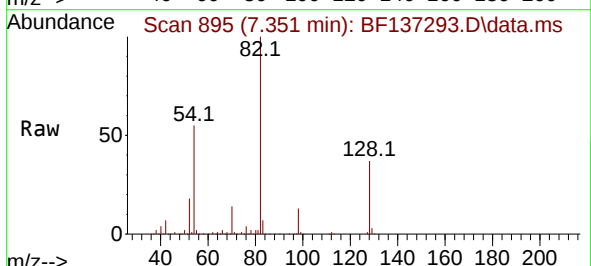
Tgt Ion: 82 Resp: 512588

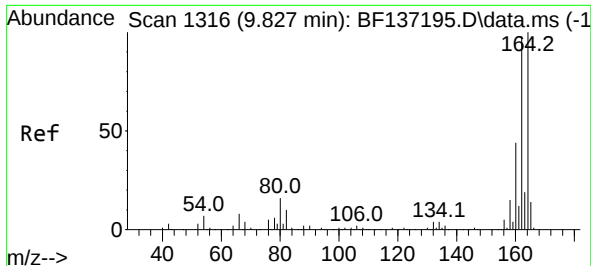
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

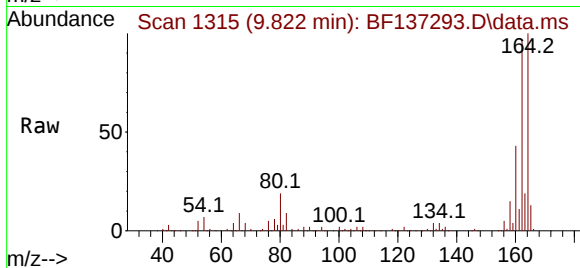
138 0.0 12.7 19.1#



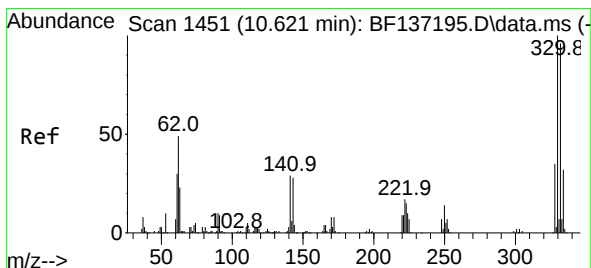
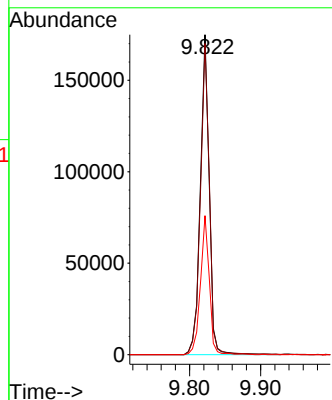
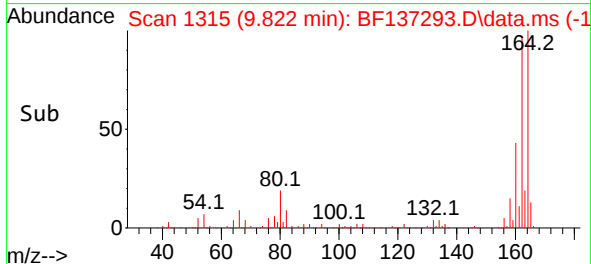


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

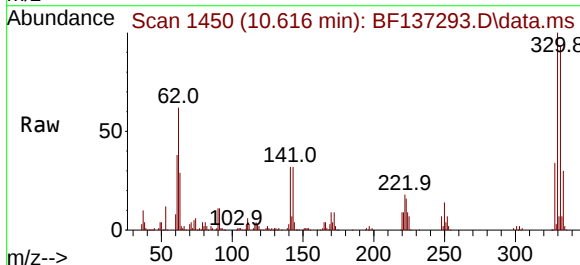
Instrument :
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ClientSampleId :
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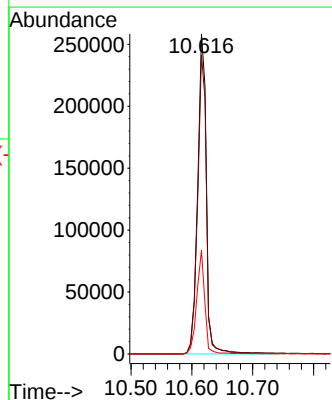
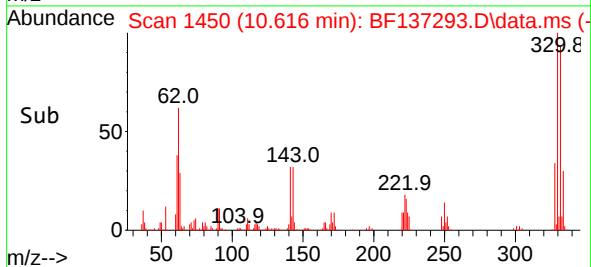
Tgt Ion:164 Resp: 153163
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 43.5 35.4 53.2

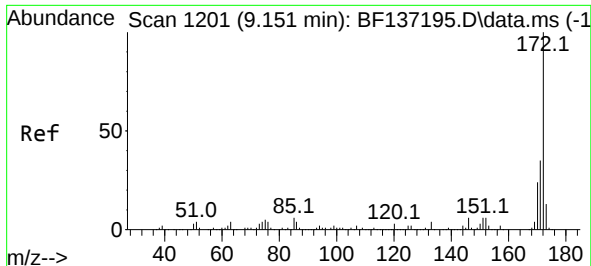


#42
2,4,6-Tribromophenol
Concen: 148.901 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49



Tgt Ion:330 Resp: 257562
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 30.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 85.409 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

Instrument :

BNA_F

ClientSampleId :

PB158779TB

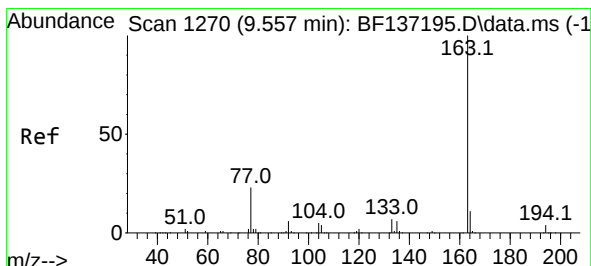
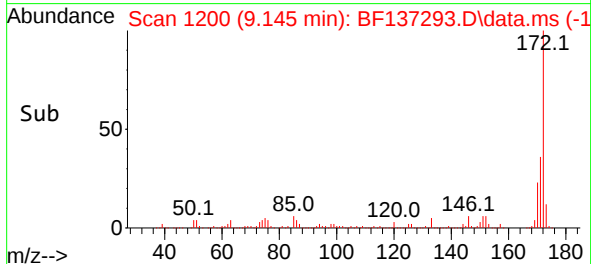
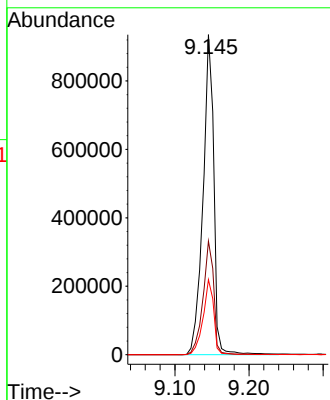
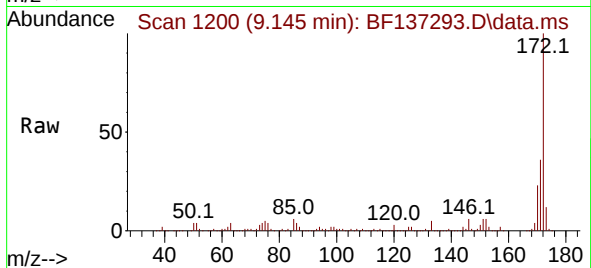
Tgt Ion:172 Resp: 951615

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.774 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137293.D

Acq: 06 Feb 2024 15:49

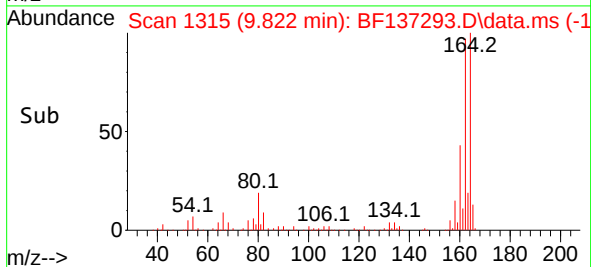
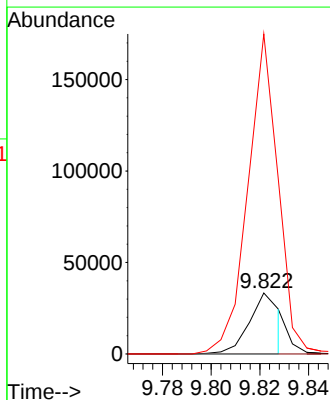
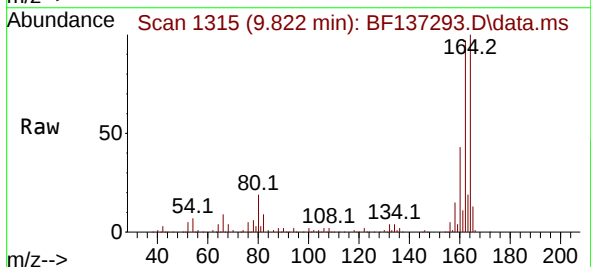
Tgt Ion:163 Resp: 28701

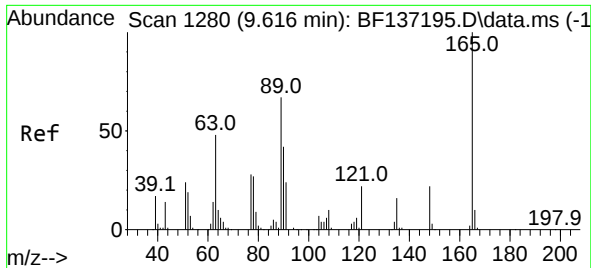
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 524.9 8.6 13.0#

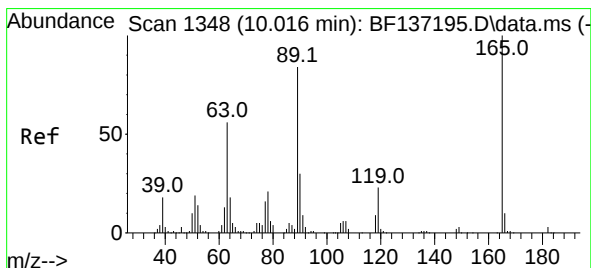
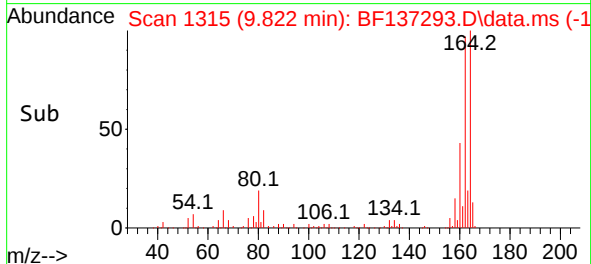
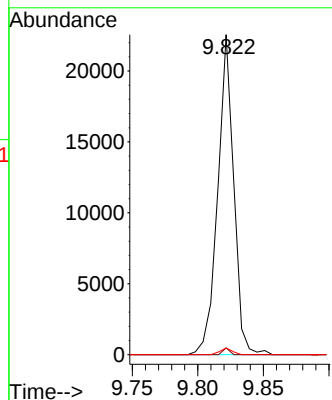
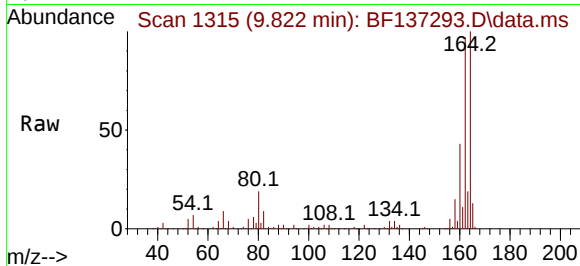




#51
2,6-Dinitrotoluene
Concen: 8.671 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

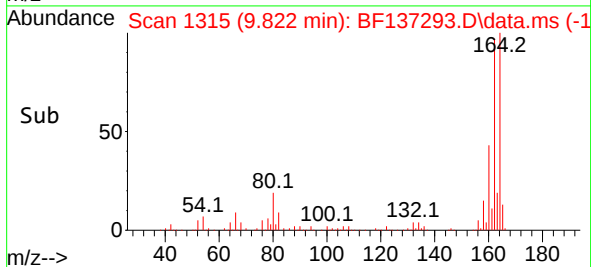
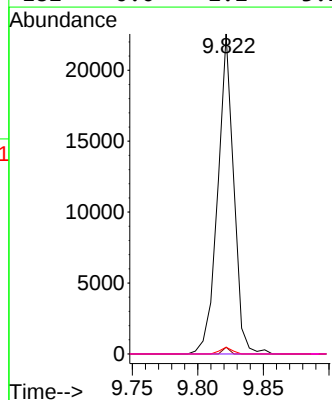
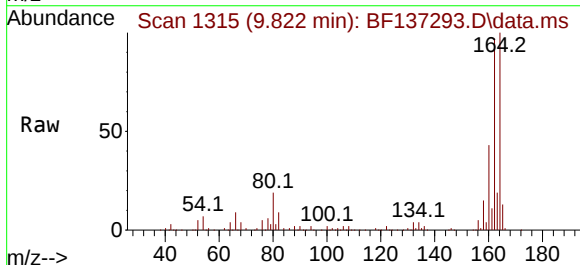
Instrument :
BNA_F
ClientSampleId :
PB158779TB

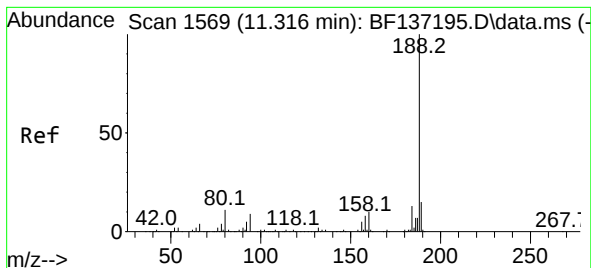
Tgt Ion:165 Resp: 19133
Ion Ratio Lower Upper
165 100
63 2.1 55.1 82.7#
89 2.1 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:165 Resp: 19133
Ion Ratio Lower Upper
165 100
63 2.1 46.1 69.1#
89 2.1 67.5 101.3#
182 0.0 2.2 3.2#

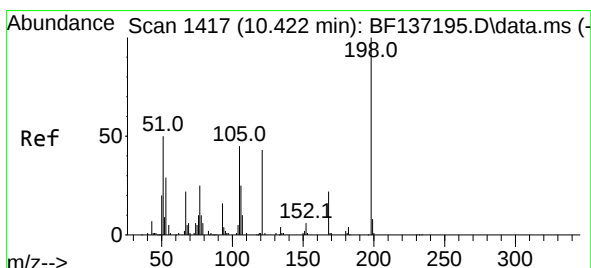
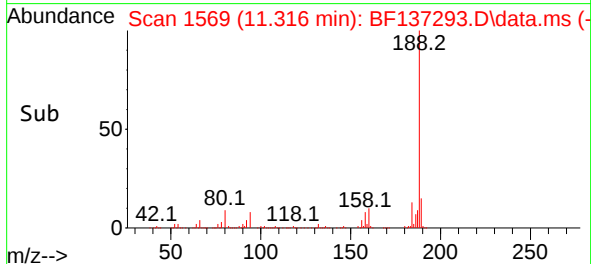
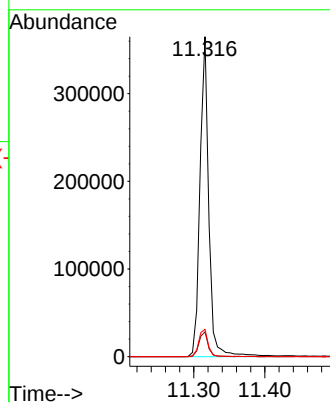
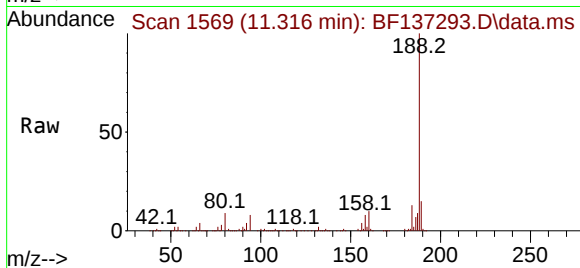




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

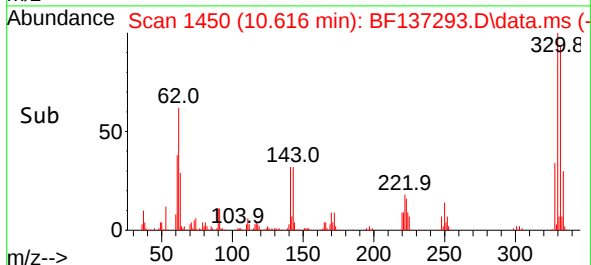
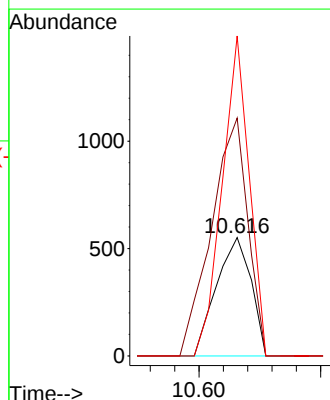
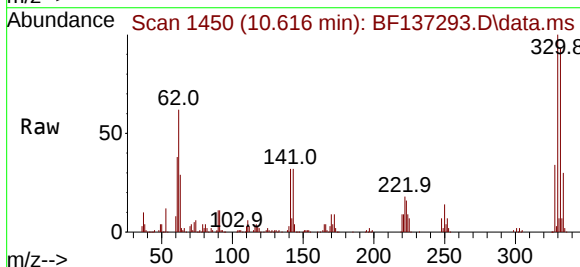
Instrument :
BNA_F
ClientSampleId :
PB158779TB

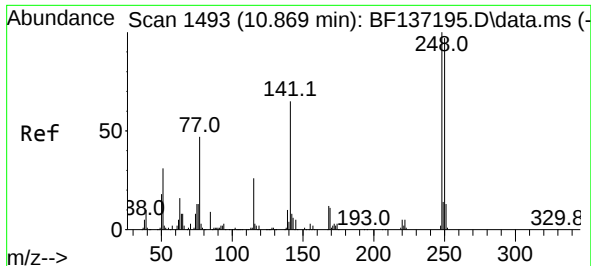
Tgt Ion:188 Resp: 315173
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.6 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.743 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 201.1 40.9 80.9#
105 270.4 26.5 66.5#

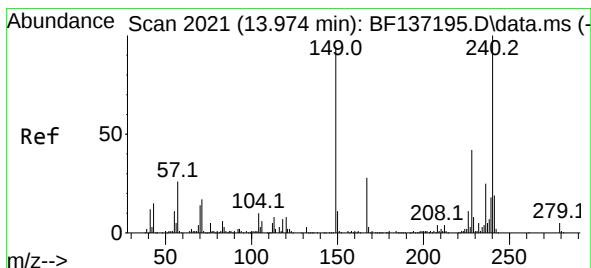
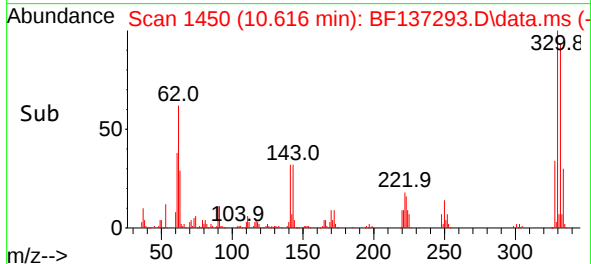
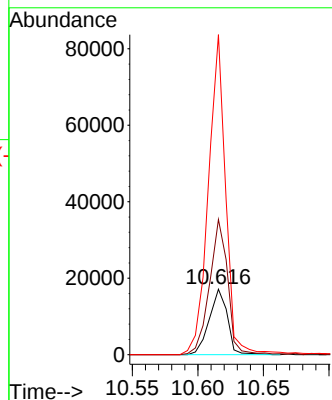
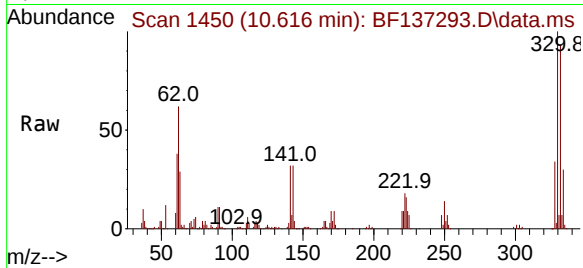




#67
4-Bromophenyl-phenylether
Concen: 4.770 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

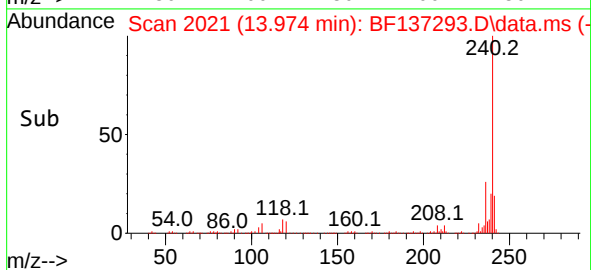
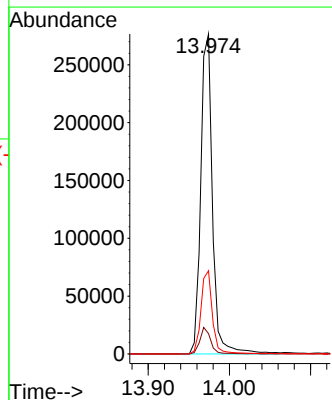
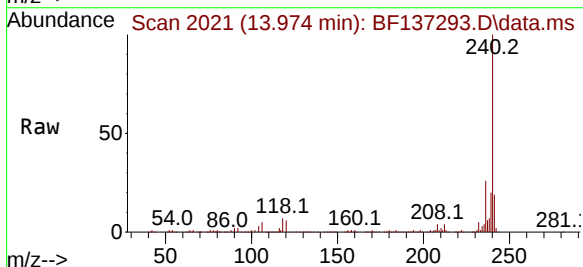
Instrument :
BNA_F
ClientSampleId :
PB158779TB

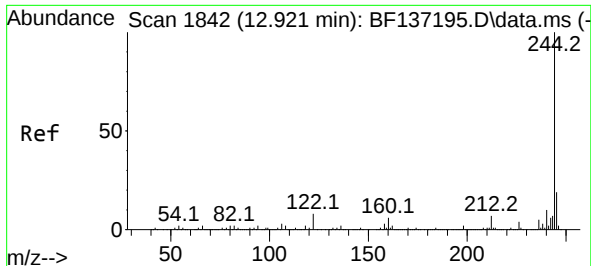
Tgt Ion:248 Resp: 16529
Ion Ratio Lower Upper
248 100
250 206.4 77.7 116.5#
141 488.7 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137293.D
Acq: 06 Feb 2024 15:49

Tgt Ion:240 Resp: 278617
Ion Ratio Lower Upper
240 100
120 6.4 6.3 9.5
236 26.0 20.3 30.5

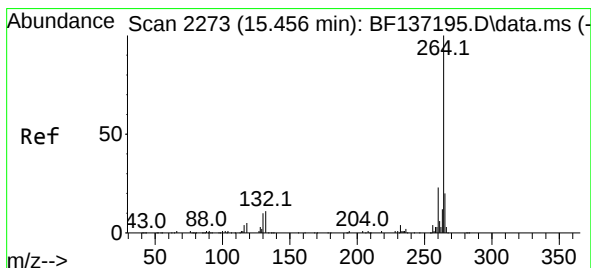
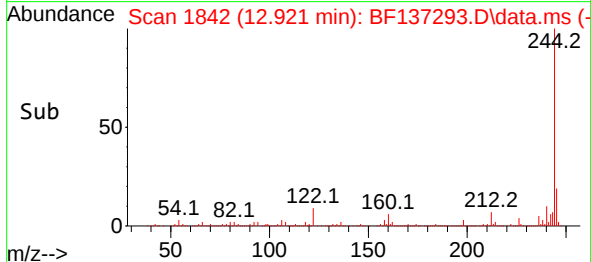
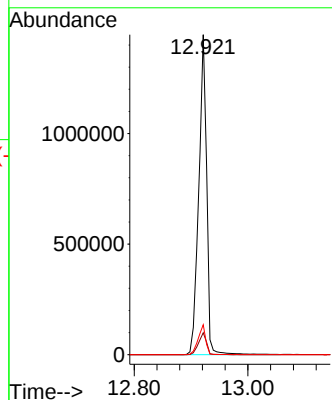
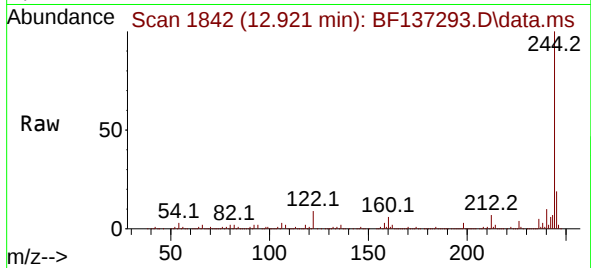




#79
 Terphenyl-d14
 Concen: 68.820 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137293.D
 Acq: 06 Feb 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB158779TB

Tgt Ion:244 Resp: 1410467
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137293.D
 Acq: 06 Feb 2024 15:49

Tgt Ion:264 Resp: 255023
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.4
 265 22.3 16.2 24.2

