

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137291.D
 Acq On : 06 Feb 2024 14:51
 Operator : CG\JU
 Sample : PB158836BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158836BL

Quant Time: Feb 06 15:32:23 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)

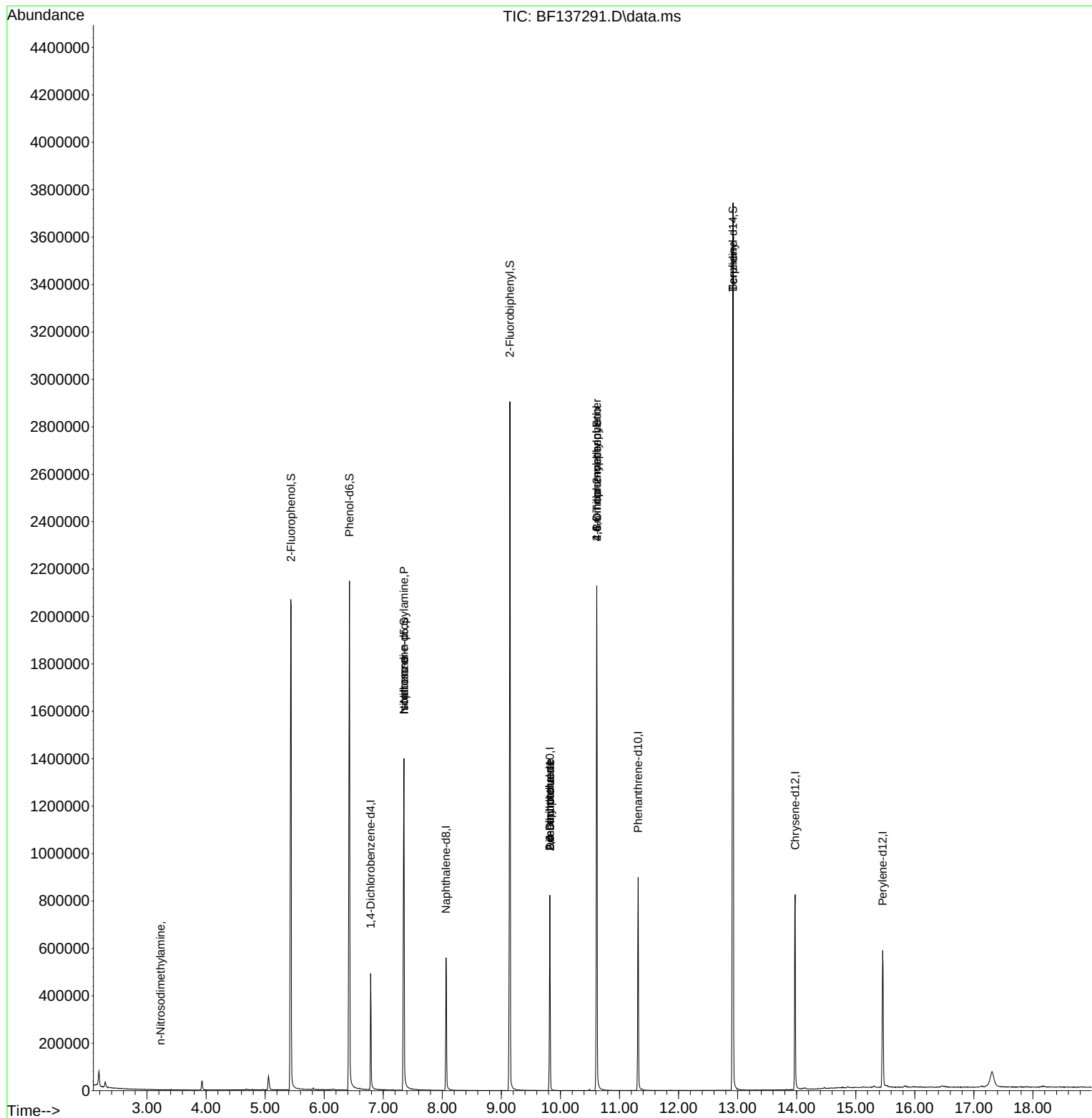
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	67226	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	266802	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	165252	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	346956	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	312628	20.000	ng	0.00
86) Perylene-d12	15.456	264	291920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	593979	145.794	ng	0.02
7) Phenol-d6	6.428	99	779257	134.028	ng	0.00
23) Nitrobenzene-d5	7.351	82	534574	89.706	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	268451	143.843	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	988781	82.253	ng	0.00
79) Terphenyl-d14	12.921	244	1524766	66.304	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.234	42	64	6.085	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	74036	18.572	ng	# 80
25) Isophorone	7.351	82	534571	48.600	ng	# 67
50) Dimethylphthalate	9.822	163	30212	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20036	8.416	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	20036	6.486	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	454	5.674	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	17803	4.667	ng	# 1
77) Benzidine	12.921	184	19834	3.543	ng	# 92

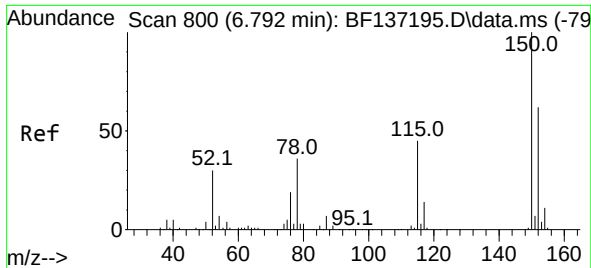
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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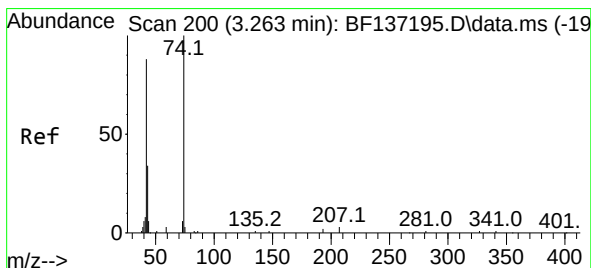
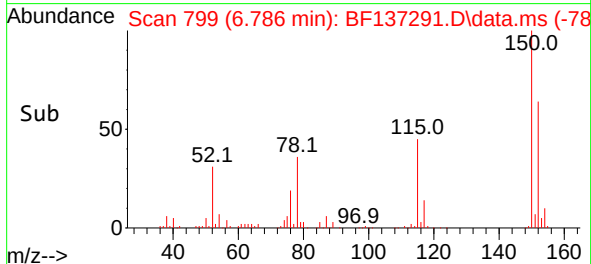
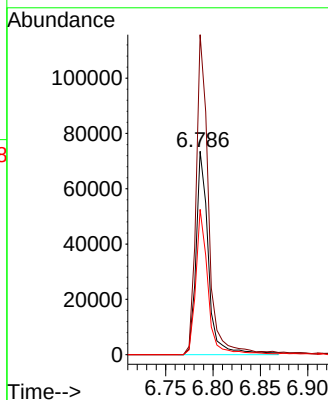
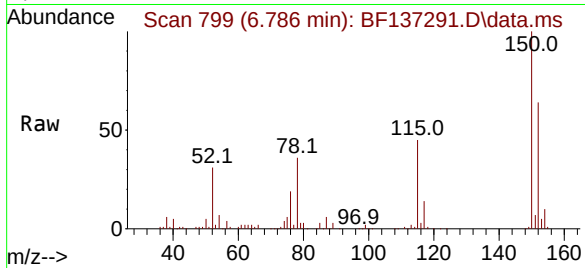




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

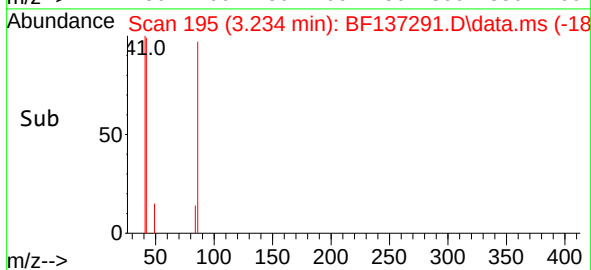
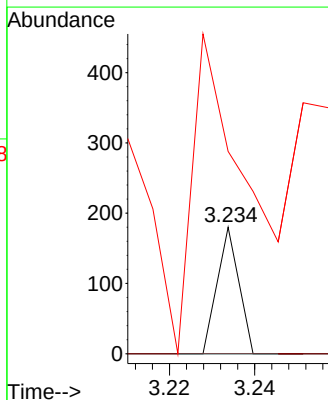
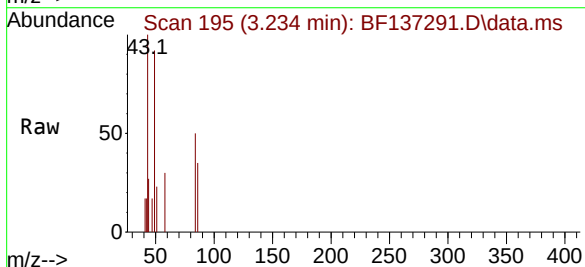
Instrument :
BNA_F
ClientSampleId :
PB158836BL

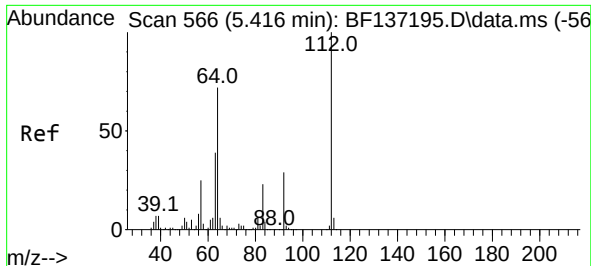
Tgt Ion:152 Resp: 67226
Ion Ratio Lower Upper
152 100
150 157.4 129.8 194.8
115 71.5 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.085 ng
RT: 3.234 min Scan# 195
Delta R.T. -0.029 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 160.0 6.1 9.1#

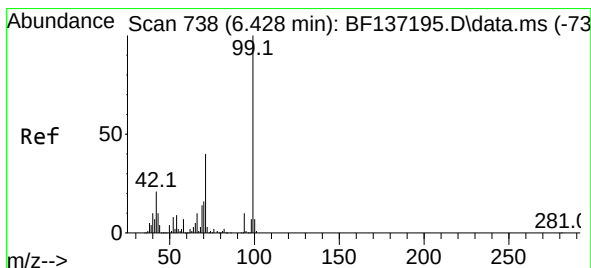
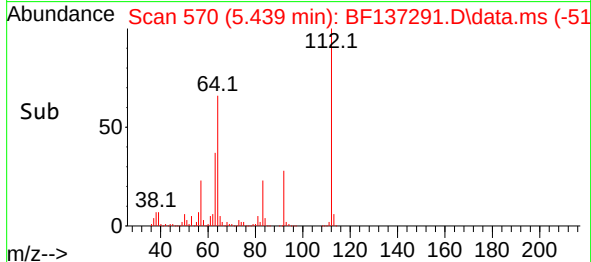
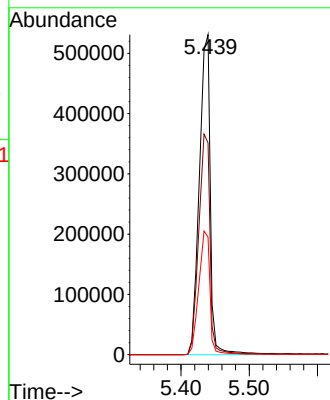
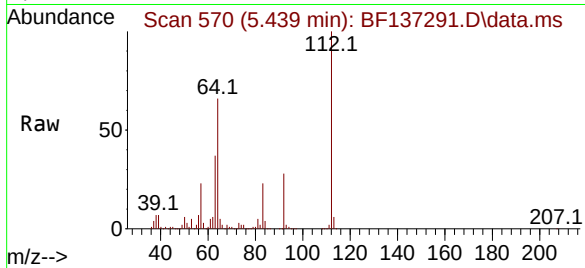




#5
2-Fluorophenol
Concen: 145.794 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

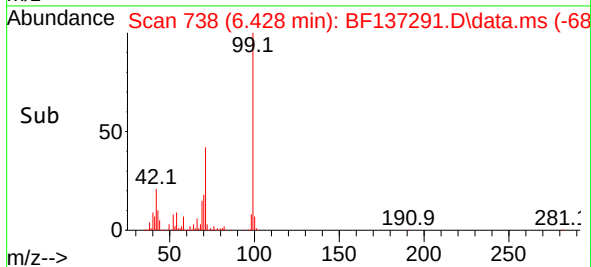
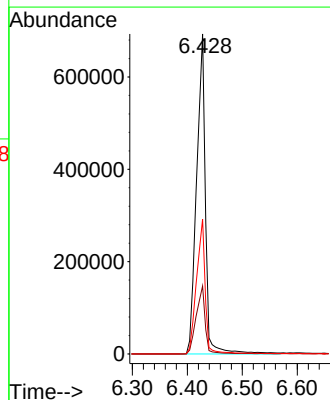
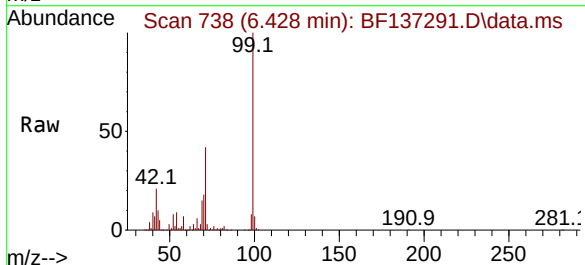
Instrument :
BNA_F
ClientSampleId :
PB158836BL

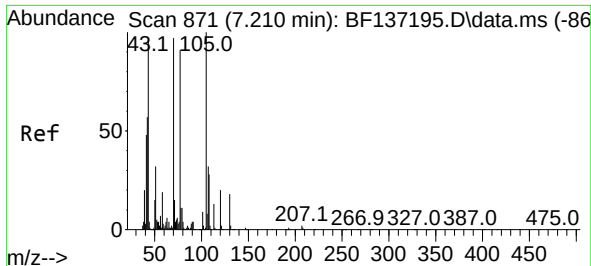
Tgt Ion:112 Resp: 593979
Ion Ratio Lower Upper
112 100
64 66.2 57.8 86.6
63 36.8 31.4 47.0



#7
Phenol-d6
Concen: 134.028 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion: 99 Resp: 779257
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.2 32.4 48.6

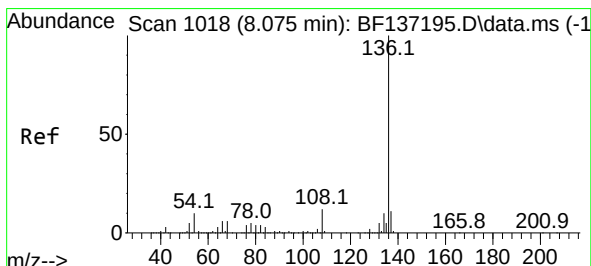
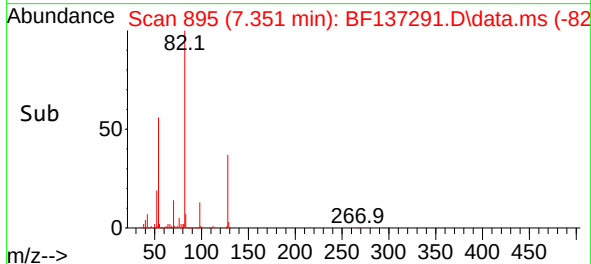
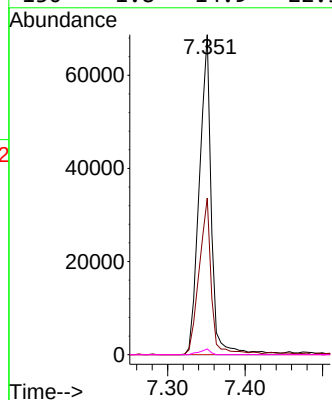
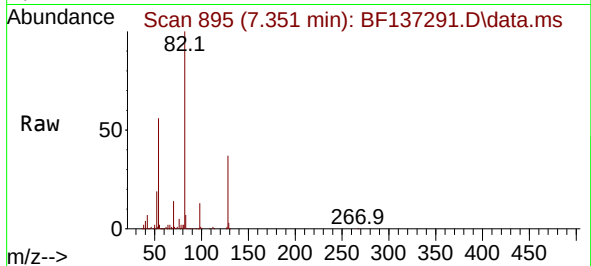




#19
n-Nitroso-di-n-propylamine
Concen: 18.572 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

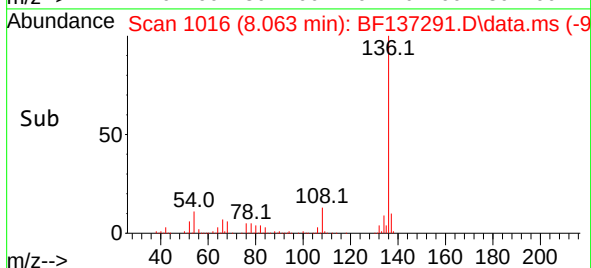
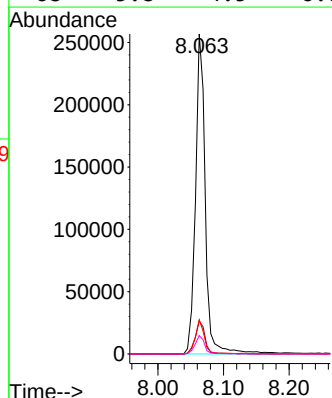
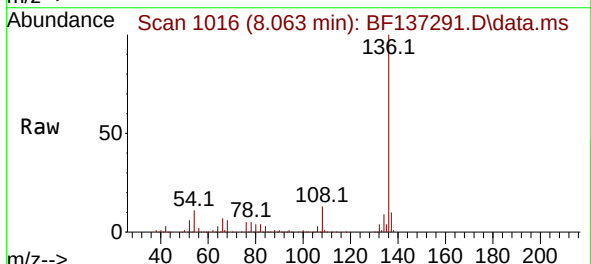
Instrument :
BNA_F
ClientSampleId :
PB158836BL

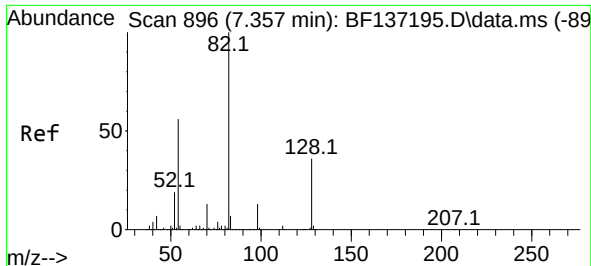
Tgt Ion:	70	Resp:	74036
Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.2	70.8
101	0.0	7.4	11.0#
130	1.8	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion:	136	Resp:	266802
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.7	7.8	11.8
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 89.706 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137291.D

Acq: 06 Feb 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB158836BL

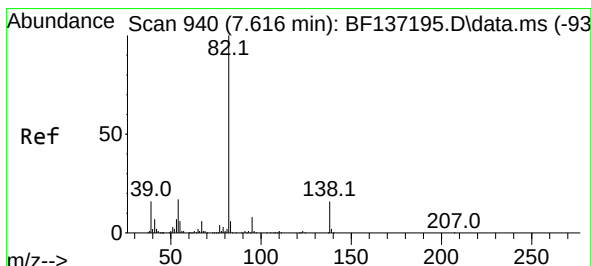
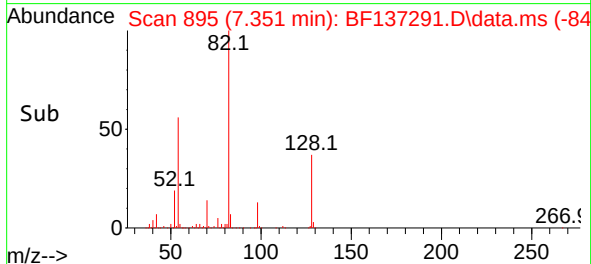
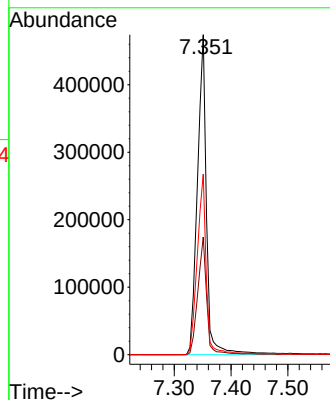
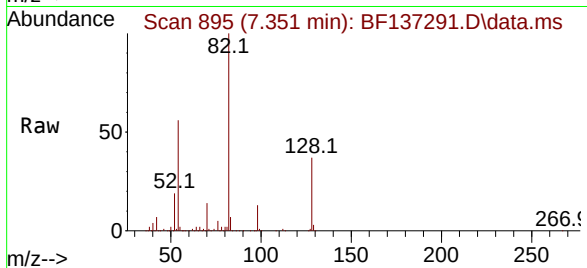
Tgt Ion: 82 Resp: 534574

Ion Ratio Lower Upper

82 100

128 36.8 29.1 43.7

54 56.4 45.0 67.6



#25

Isophorone

Concen: 48.600 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF137291.D

Acq: 06 Feb 2024 14:51

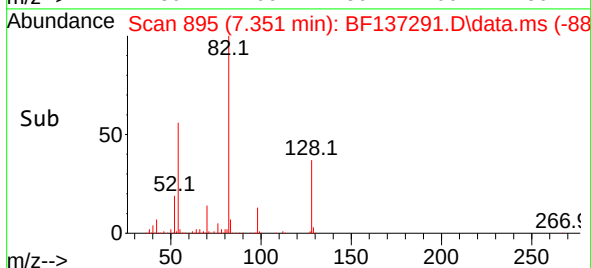
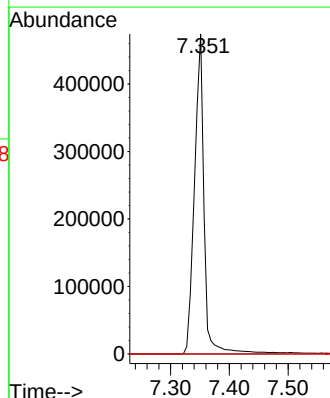
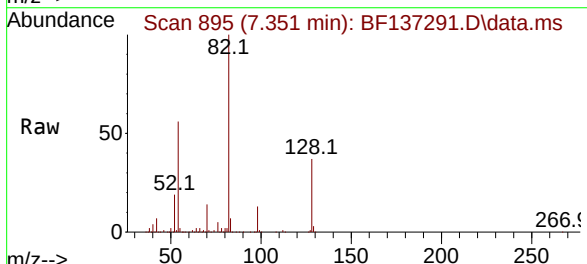
Tgt Ion: 82 Resp: 534571

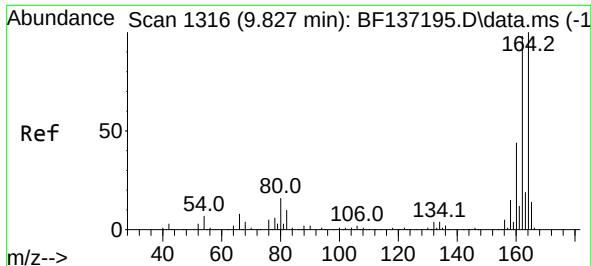
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 12.7 19.1#

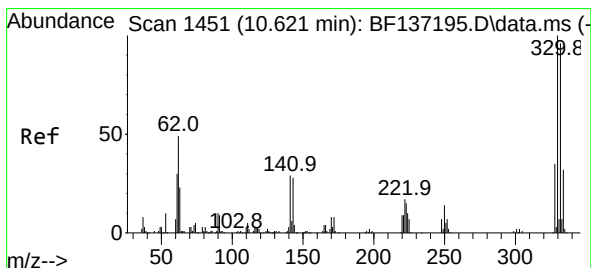
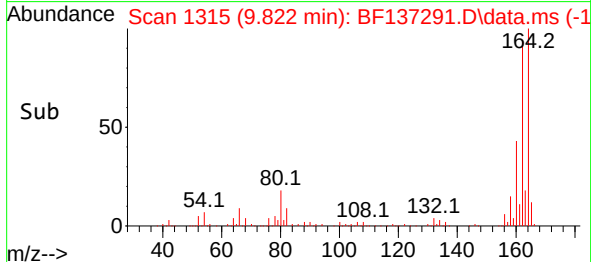
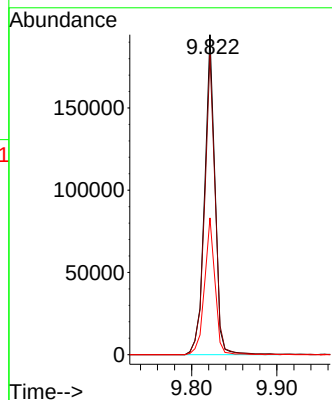
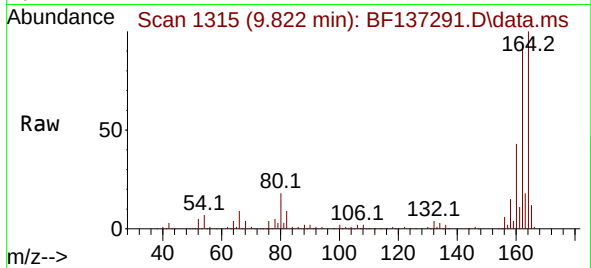




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

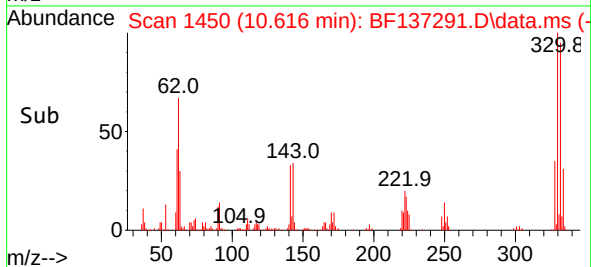
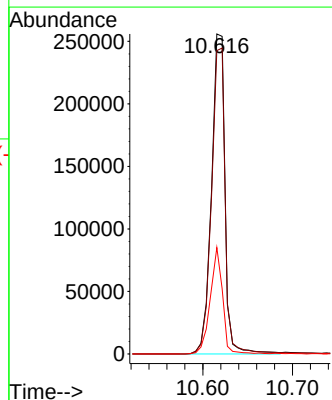
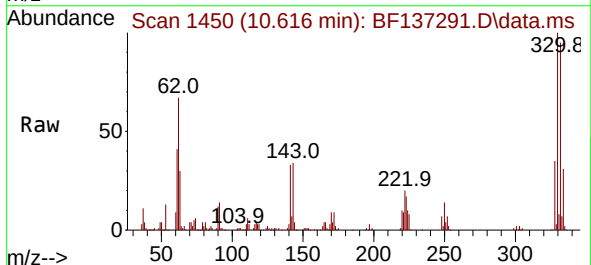
Instrument :
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ClientSampleId :
PB158836BL

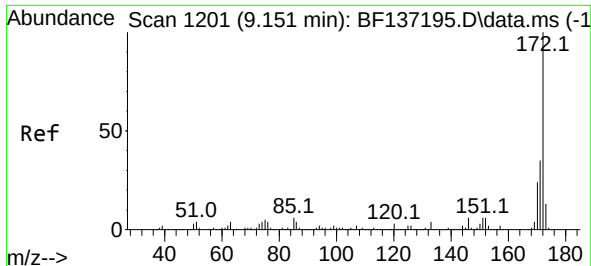
Tgt Ion:164 Resp: 165252
Ion Ratio Lower Upper
164 100
162 93.8 78.3 117.5
160 42.7 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 143.843 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion:330 Resp: 268451
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 82.253 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137291.D

Acq: 06 Feb 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB158836BL

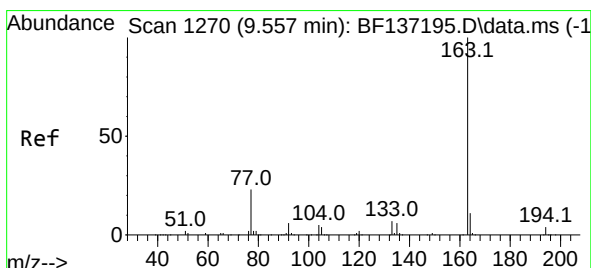
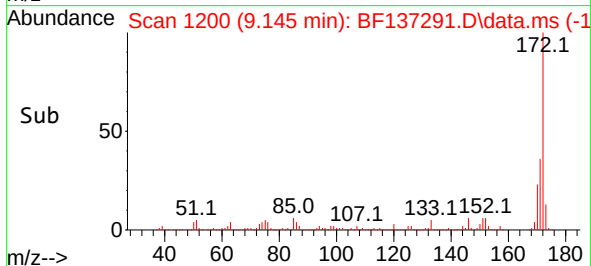
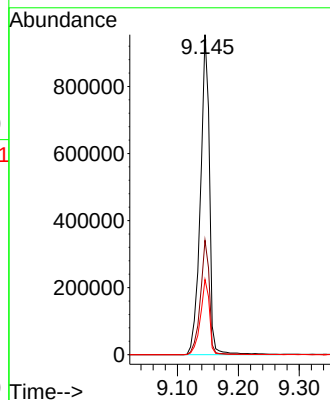
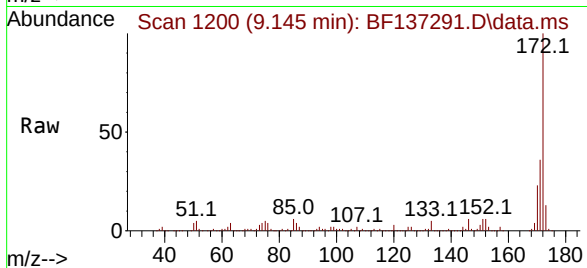
Tgt Ion:172 Resp: 988781

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.706 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137291.D

Acq: 06 Feb 2024 14:51

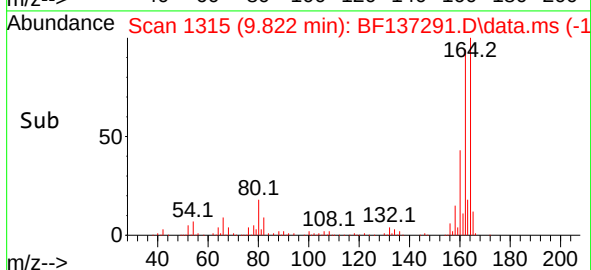
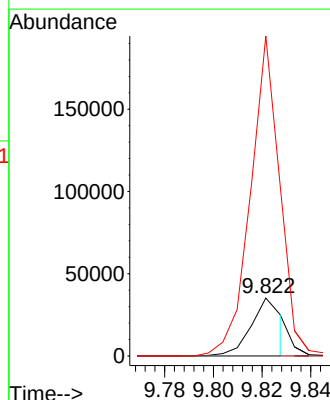
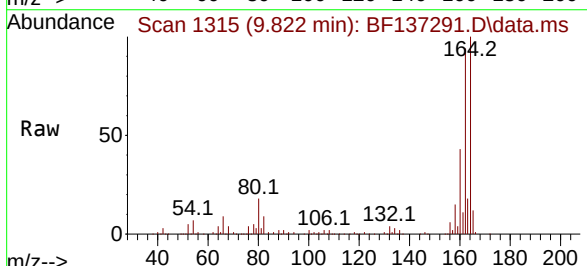
Tgt Ion:163 Resp: 30212

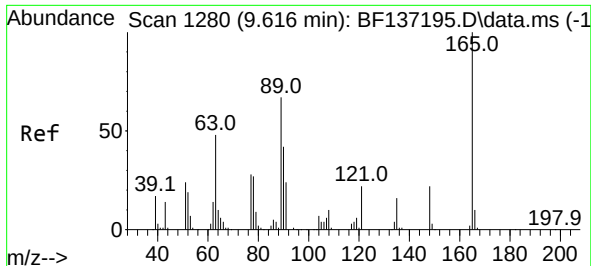
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 552.5 8.6 13.0#

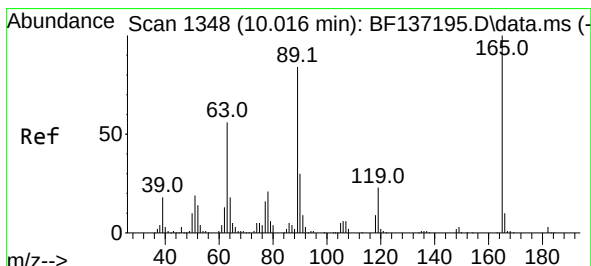
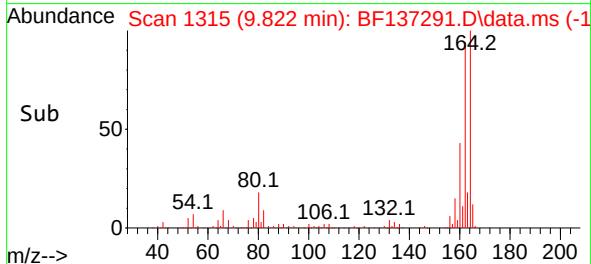
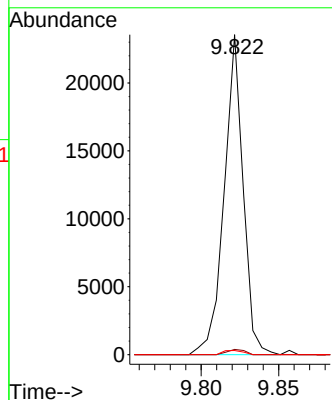
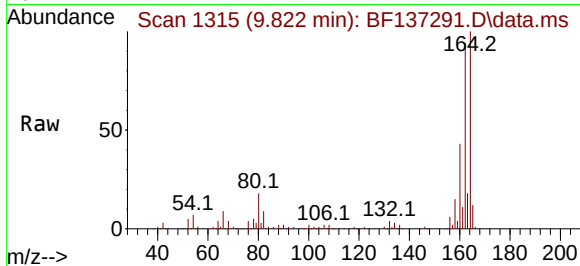




#51
2,6-Dinitrotoluene
Concen: 8.416 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

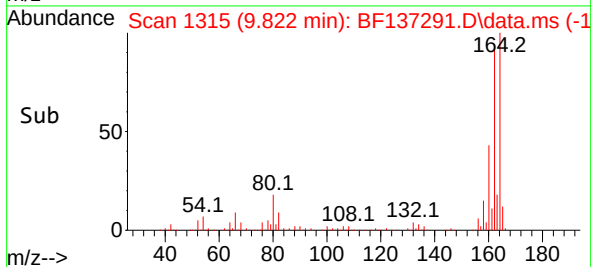
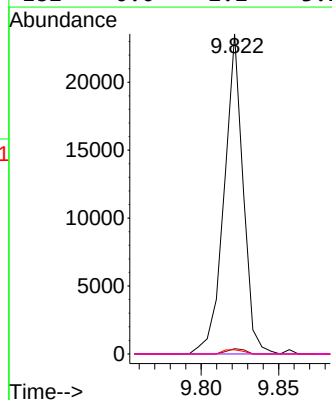
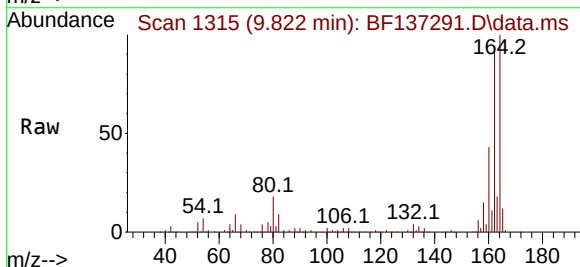
Instrument :
BNA_F
ClientSampleId :
PB158836BL

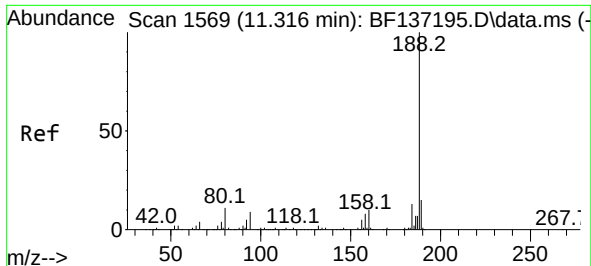
Tgt Ion:165 Resp: 20036
Ion Ratio Lower Upper
165 100
63 1.7 55.1 82.7#
89 1.3 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.486 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion:165 Resp: 20036
Ion Ratio Lower Upper
165 100
63 1.7 46.1 69.1#
89 1.3 67.5 101.3#
182 0.0 2.2 3.2#

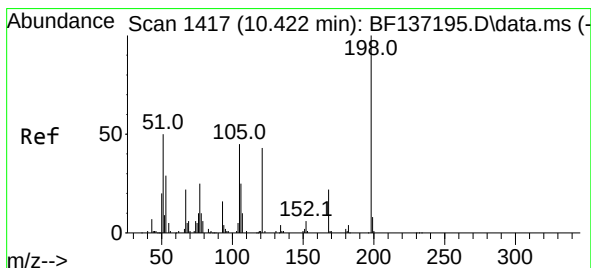
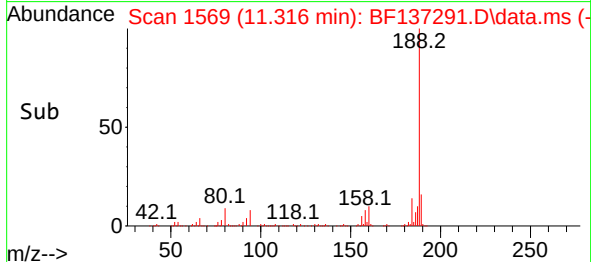
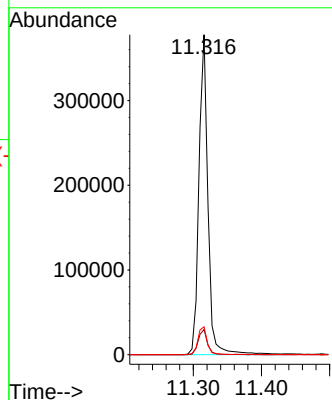
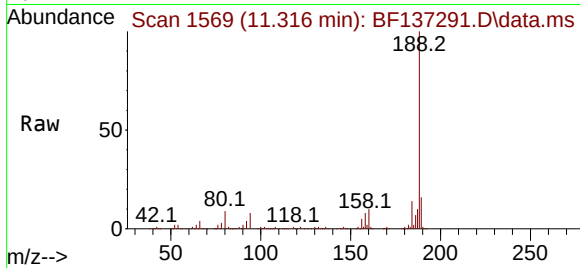




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

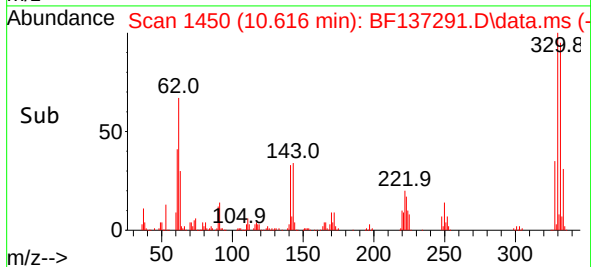
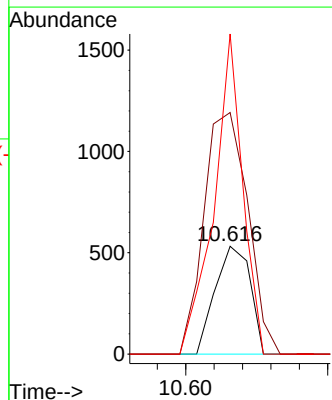
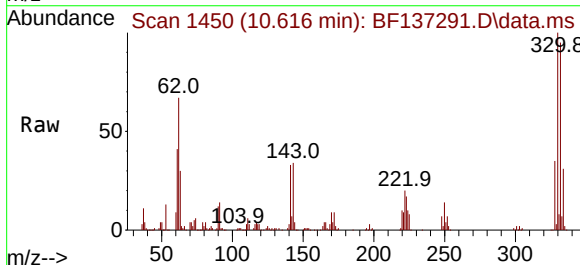
Instrument :
BNA_F
ClientSampleId :
PB158836BL

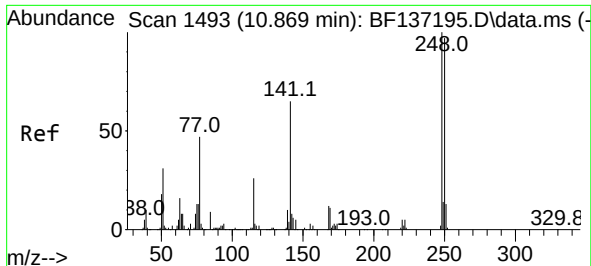
Tgt Ion:188 Resp: 346956
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.7 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.674 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion:198 Resp: 454
Ion Ratio Lower Upper
198 100
51 224.1 40.9 80.9#
105 297.0 26.5 66.5#

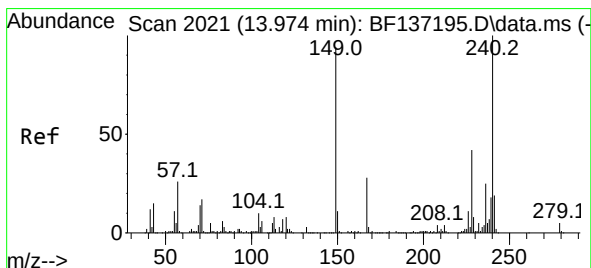
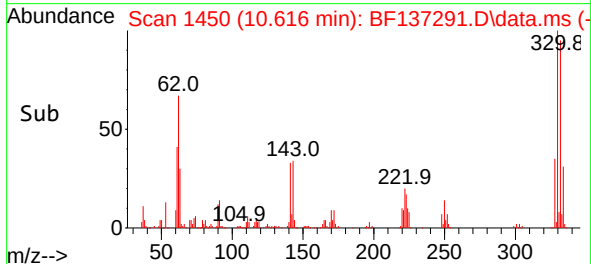
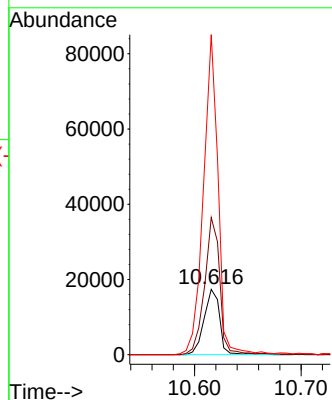
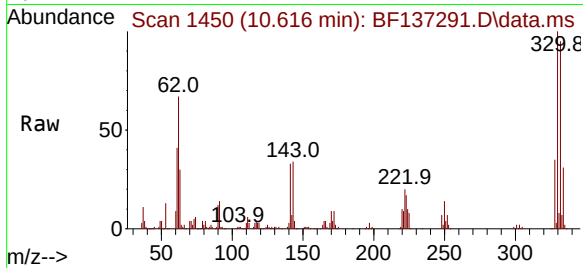




#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 10.616 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

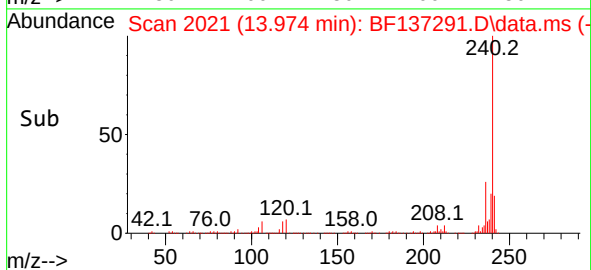
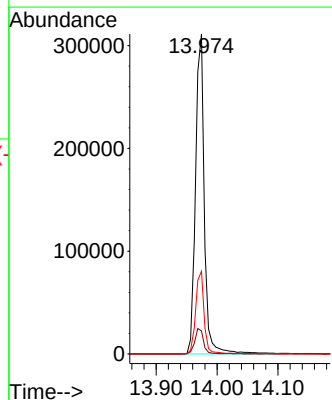
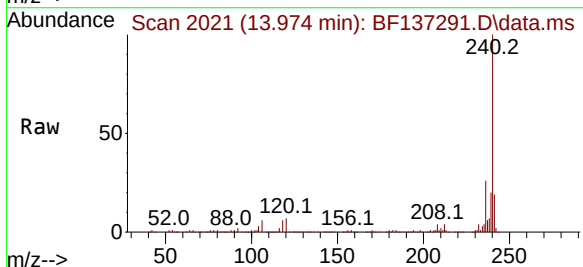
Instrument :
BNA_F
ClientSampleId :
PB158836BL

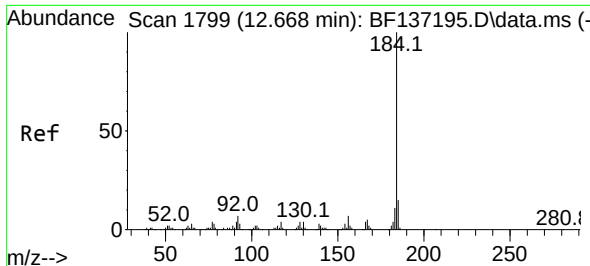
Tgt Ion:248 Resp: 17803
Ion Ratio Lower Upper
248 100
250 209.9 77.7 116.5#
141 490.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

Tgt Ion:240 Resp: 312628
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 25.8 20.3 30.5

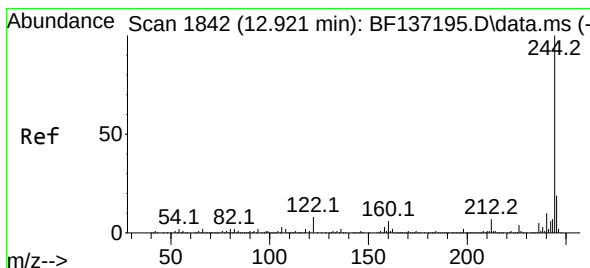
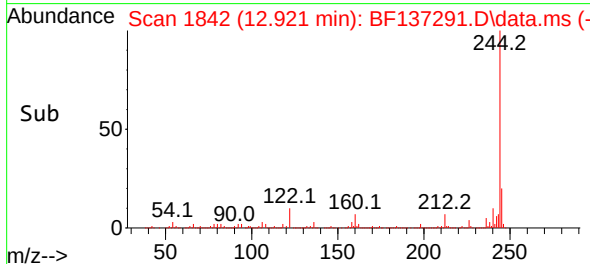
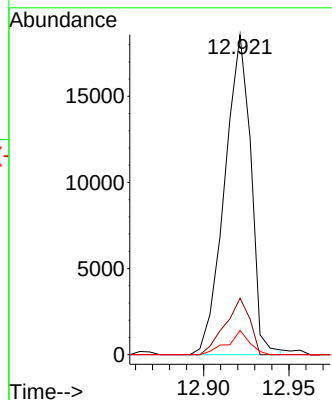
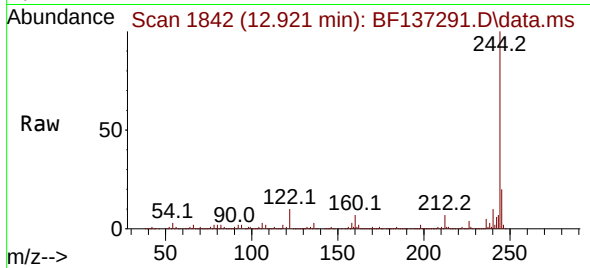




#77
Benzidine
Concen: 3.543 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

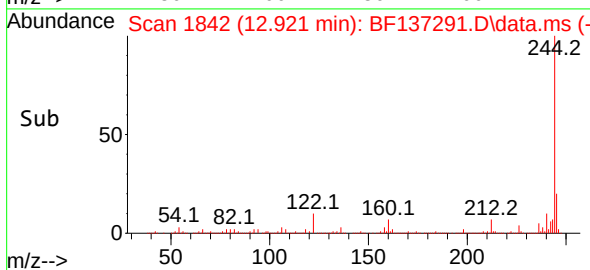
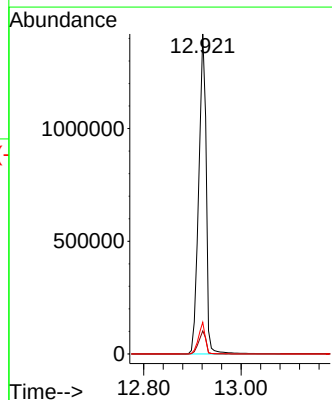
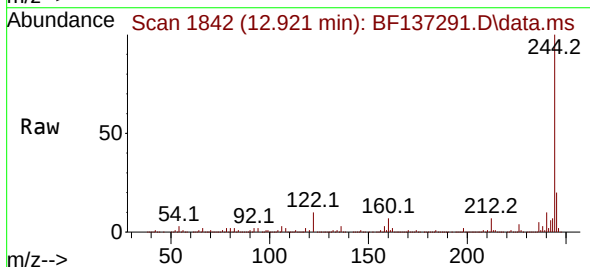
Instrument :
BNA_F
ClientSampleId :
PB158836BL

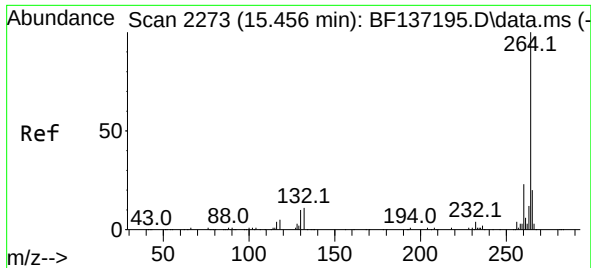
Tgt Ion:184 Resp: 19834
Ion Ratio Lower Upper
184 100
185 17.6 11.9 17.9
183 7.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 66.304 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF137291.D
Acq: 06 Feb 2024 14:51

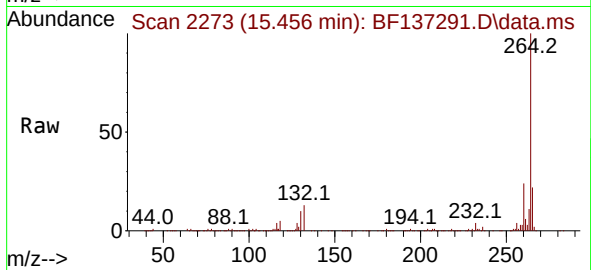
Tgt Ion:244 Resp: 1524766
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.9 6.2 9.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137291.D
 Acq: 06 Feb 2024 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB158836BL



Tgt Ion:264 Resp: 291920
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 22.0 16.2 24.2

