

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137252.D
 Acq On : 02 Feb 2024 12:16
 Operator : CG\JU
 Sample : P1311-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 02 12:35:17 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)

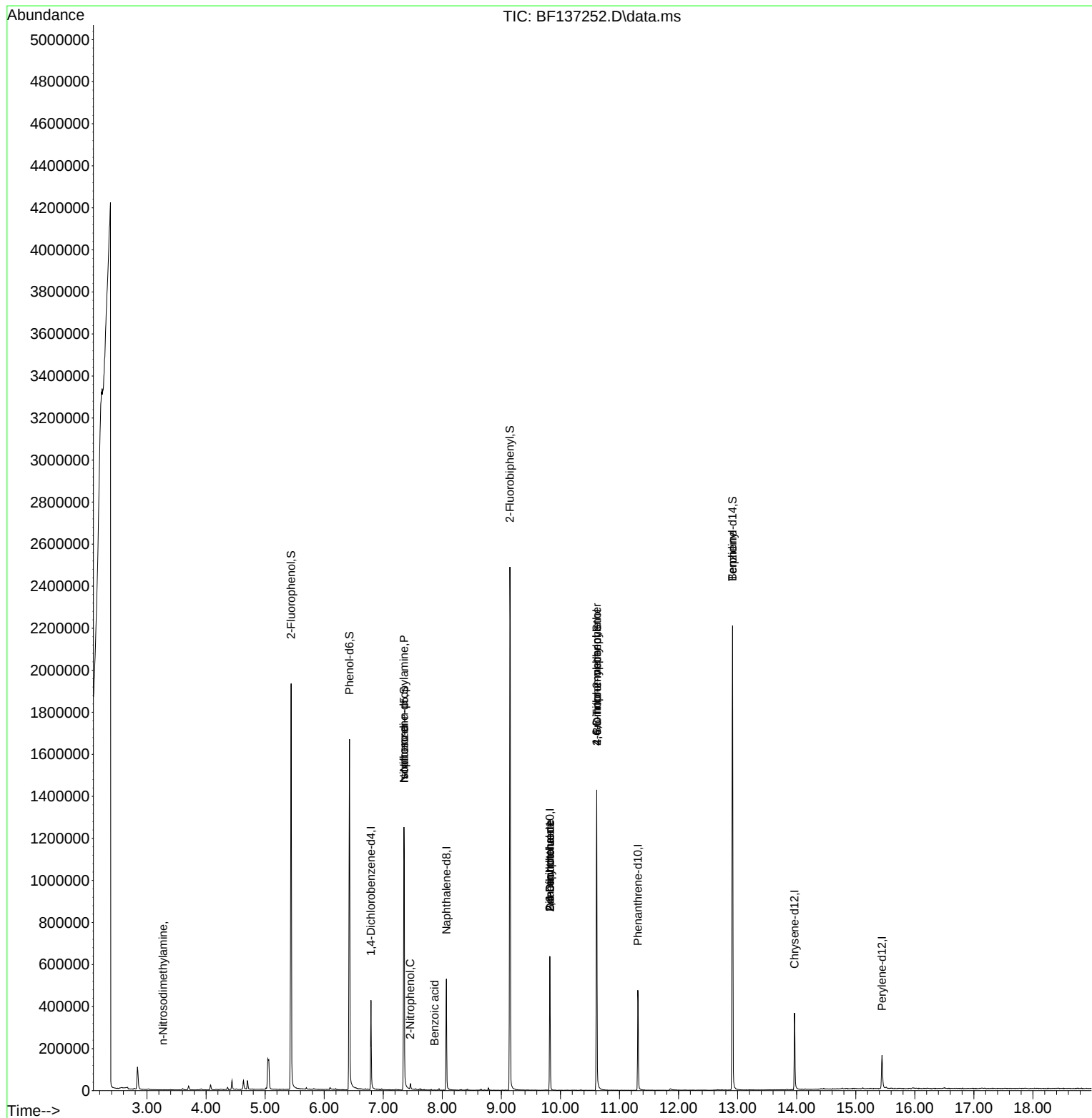
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	57574	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	223404	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	120995	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	193524	20.000	ng	0.00
76) Chrysene-d12	13.962	240	141570	20.000	ng	-0.01
86) Perylene-d12	15.445	264	78088	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	503222	144.224	ng	0.02
7) Phenol-d6	6.428	99	579437	116.367	ng	0.00
23) Nitrobenzene-d5	7.351	82	469758	94.143	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	175318	128.301	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	820998	93.277	ng	0.00
79) Terphenyl-d14	12.916	244	819941	78.736	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.269	42	213	6.158	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	65556	19.201	ng	# 77
25) Isophorone	7.351	82	469800	51.008	ng	# 68
26) 2-Nitrophenol	7.457	139	266	2.585	ng	# 28
32) Benzoic acid	7.869	122	53	8.341	ng	# 1
50) Dimethylphthalate	9.822	163	21339	2.611	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15602	8.951	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	15602	6.898	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	224	5.648	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	11769	5.531	ng	# 1
77) Benzidine	12.916	184	9560	3.771	ng	# 96

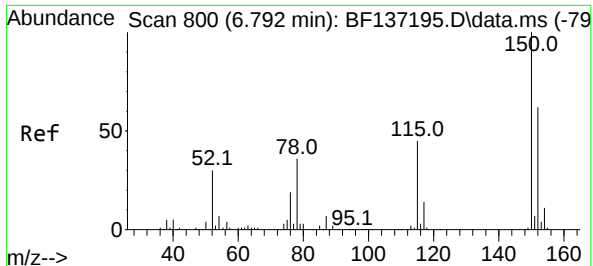
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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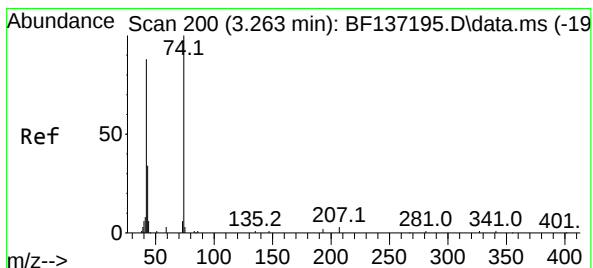
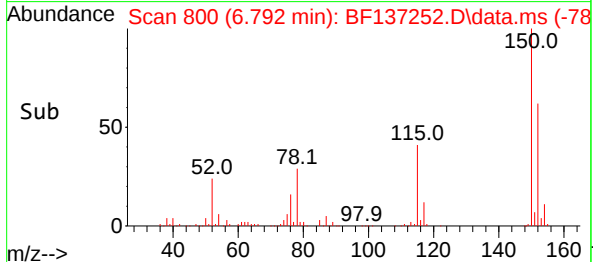
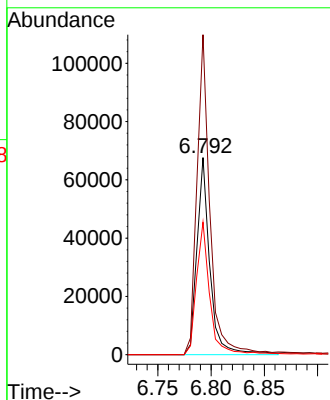
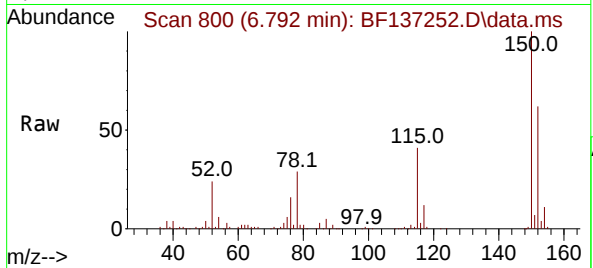




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

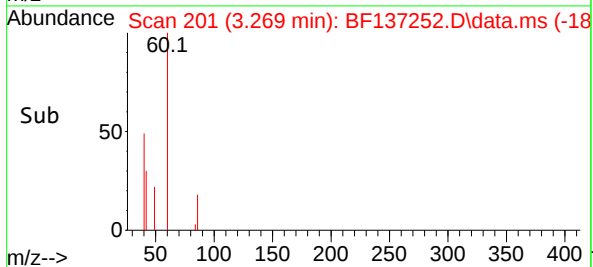
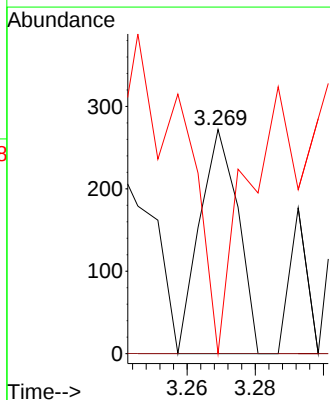
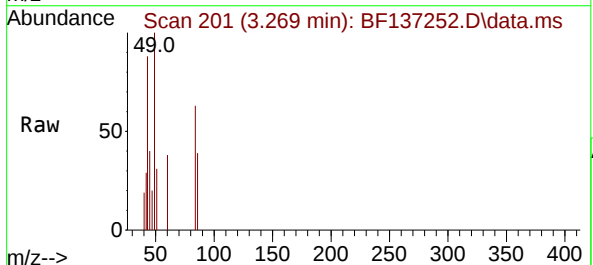
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 TP-1

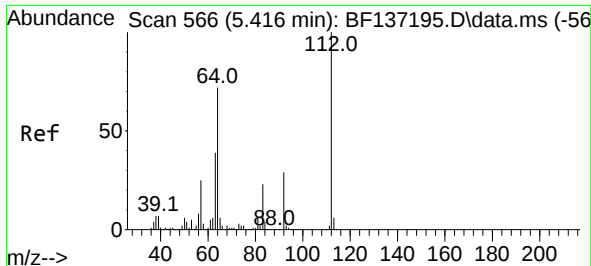
Tgt Ion:152 Resp: 57574
 Ion Ratio Lower Upper
 152 100
 150 162.3 129.8 194.8
 115 67.2 58.5 87.7



#4
 n-Nitrosodimethylamine
 Concen: 6.158 ng
 RT: 3.269 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

Tgt Ion: 42 Resp: 213
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.5 135.7#
 44 0.0 6.1 9.1#

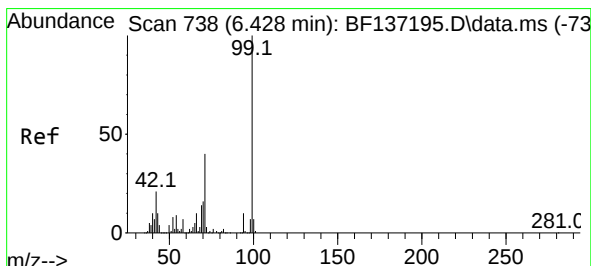
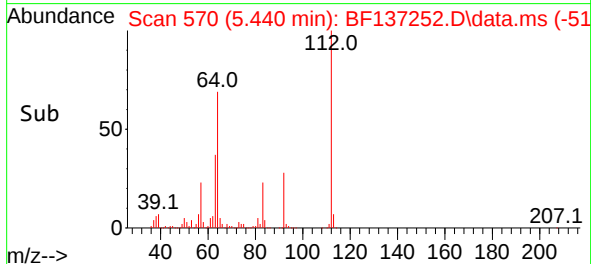
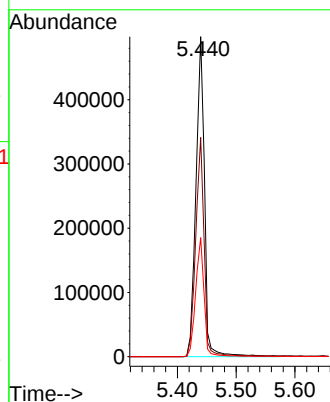
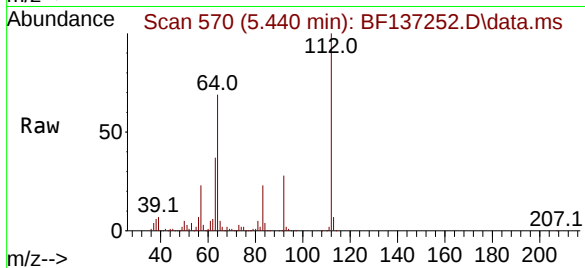




#5
2-Fluorophenol
Concen: 144.224 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

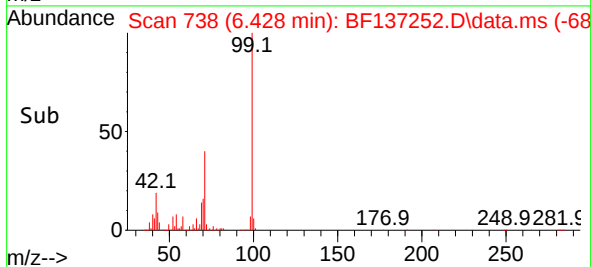
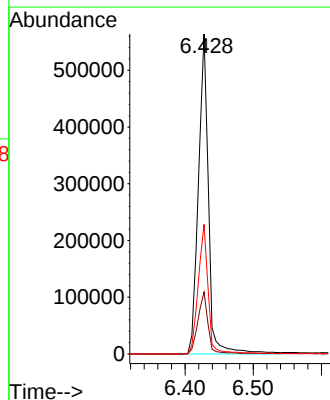
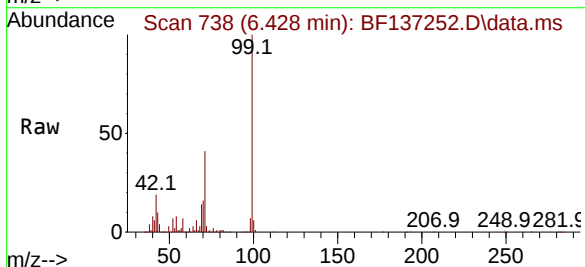
Instrument :
BNA_F
ClientSampleId :
TP-1

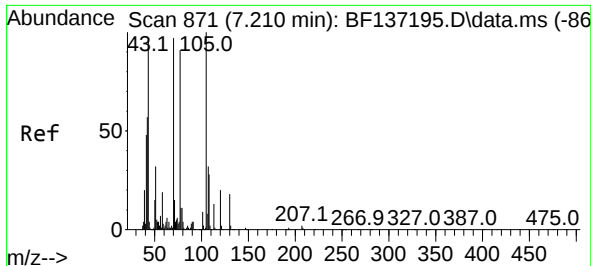
Tgt Ion:112 Resp: 503222
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.6
63 37.2 31.4 47.0



#7
Phenol-d6
Concen: 116.367 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion: 99 Resp: 579437
Ion Ratio Lower Upper
99 100
42 19.3 16.4 24.6
71 40.5 32.4 48.6

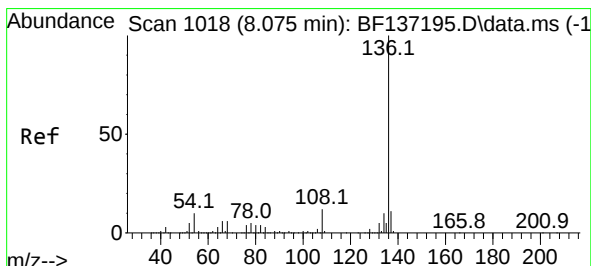
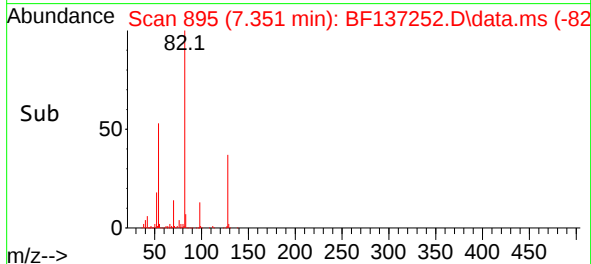
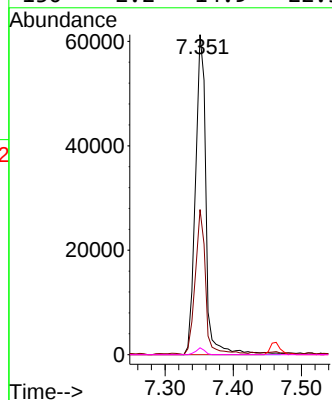
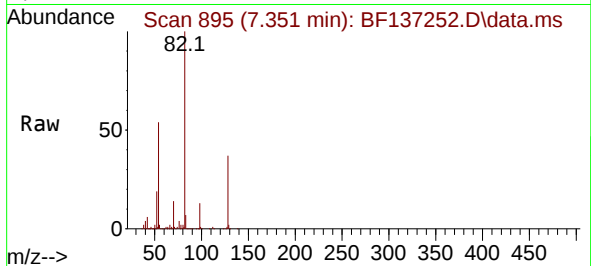




#19
n-Nitroso-di-n-propylamine
Concen: 19.201 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

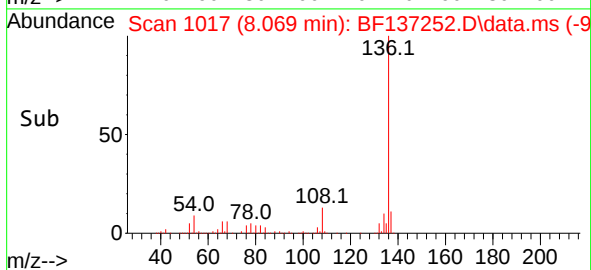
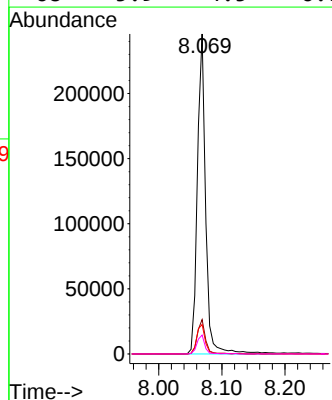
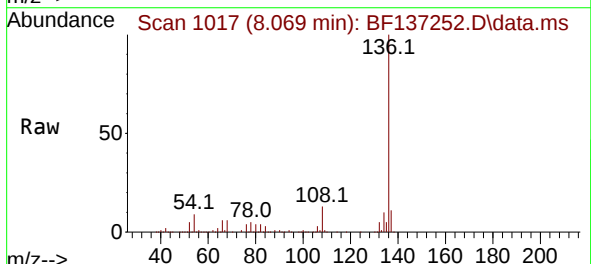
Instrument :
BNA_F
ClientSampleId :
TP-1

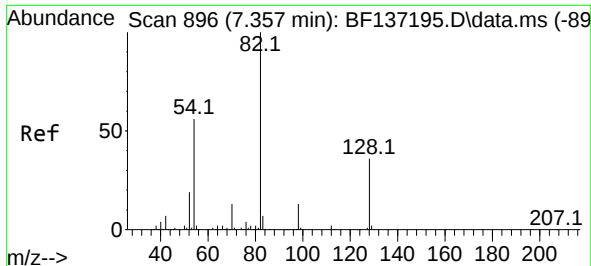
Tgt Ion:	70	Resp:	65556
Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.2	70.8#
101	0.0	7.4	11.0#
130	2.2	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:	136	Resp:	223404
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	7.8	11.8
68	5.9	4.5	6.7

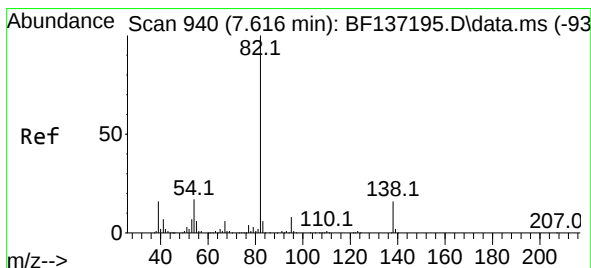
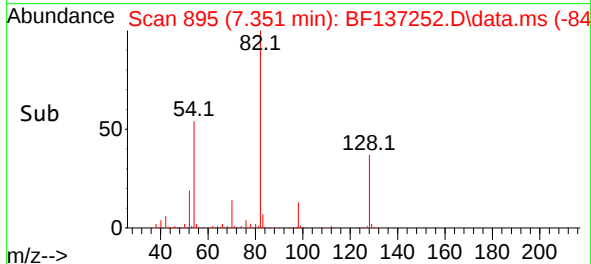
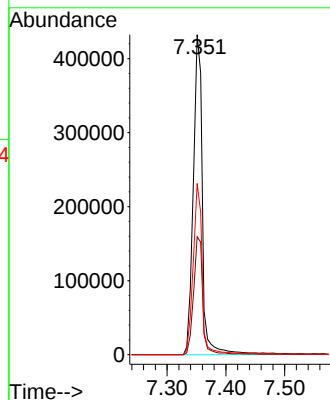
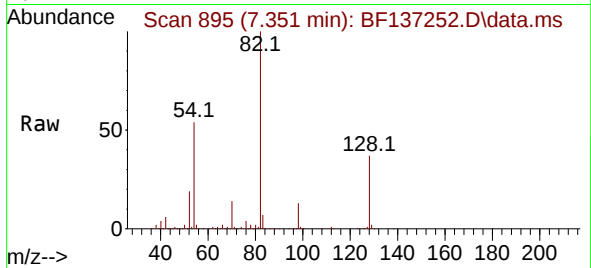




#23
Nitrobenzene-d5
Concen: 94.143 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

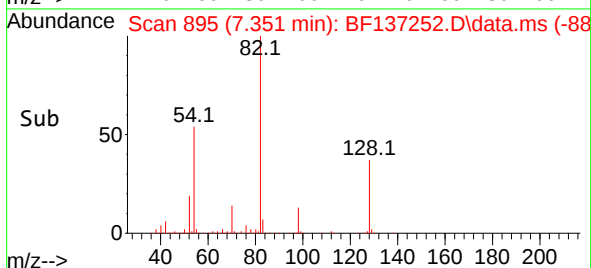
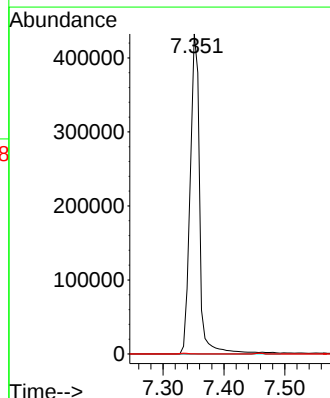
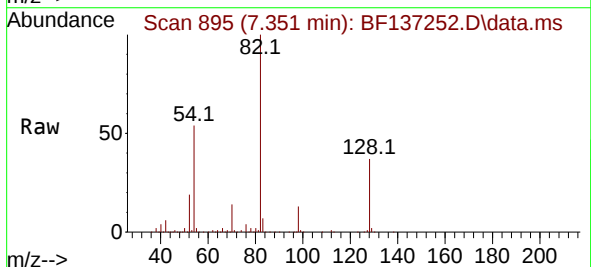
Instrument :
BNA_F
ClientSampleId :
TP-1

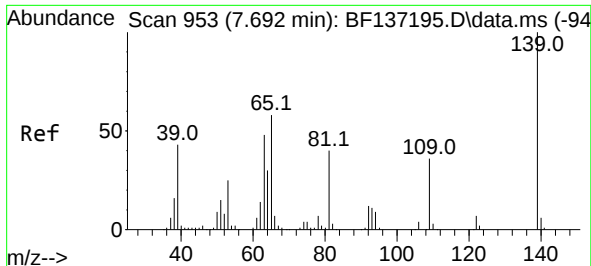
Tgt Ion: 82 Resp: 469758
Ion Ratio Lower Upper
82 100
128 36.9 29.1 43.7
54 53.5 45.0 67.6



#25
Isophorone
Concen: 51.008 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion: 82 Resp: 469800
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 12.7 19.1#

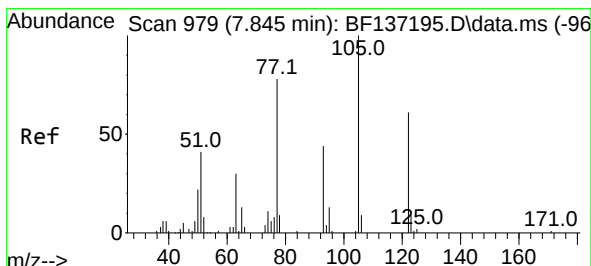
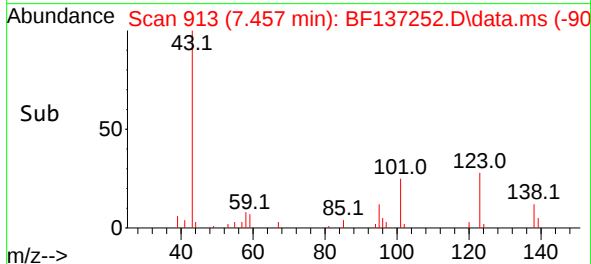
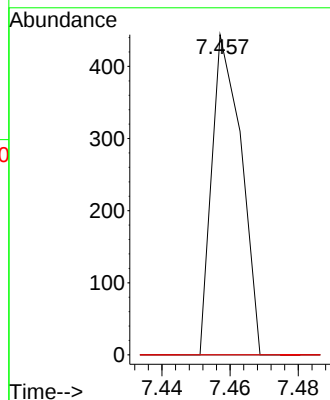
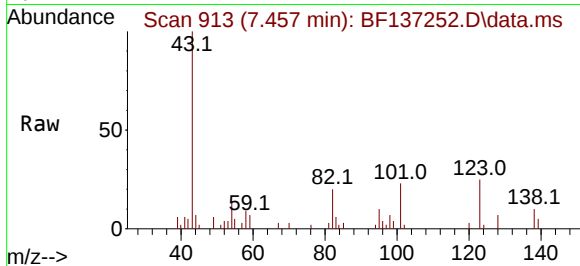




#26
2-Nitrophenol
Concen: 2.585 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

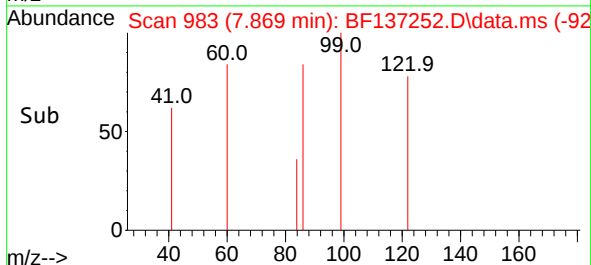
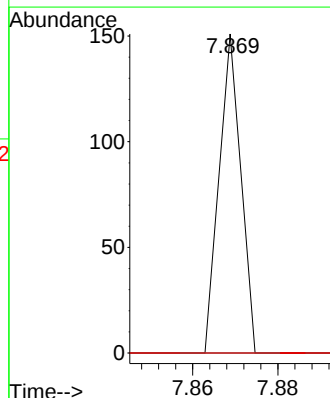
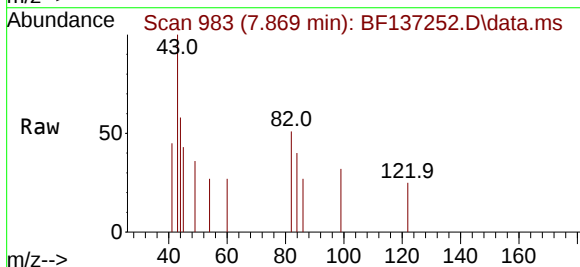
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BNA_F
ClientSampleId :
TP-1

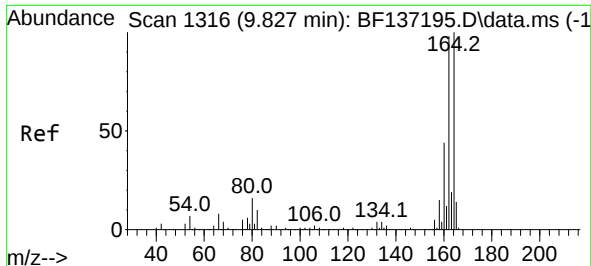
Tgt Ion:139 Resp: 266
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#32
Benzoic acid
Concen: 8.341 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.024 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 122.5 162.5#
77 0.0 96.4 136.4#

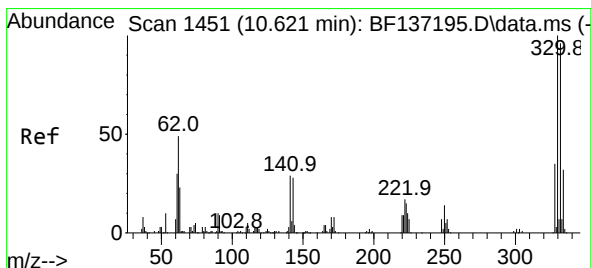
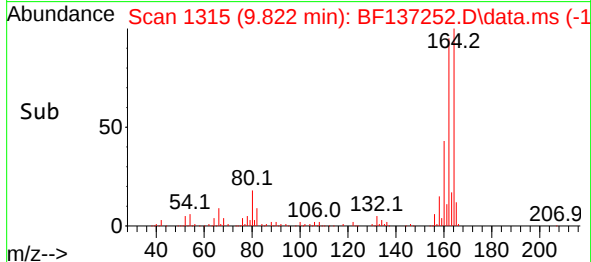
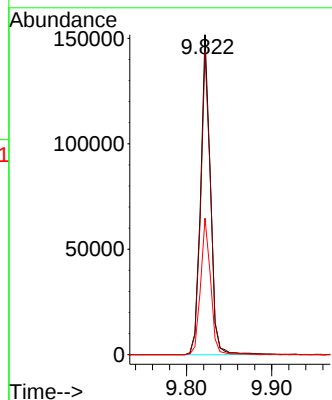
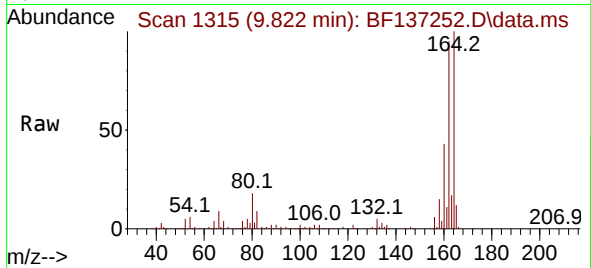




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

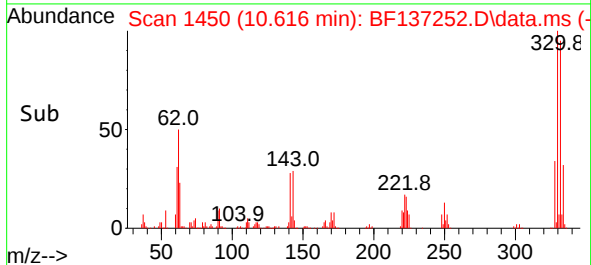
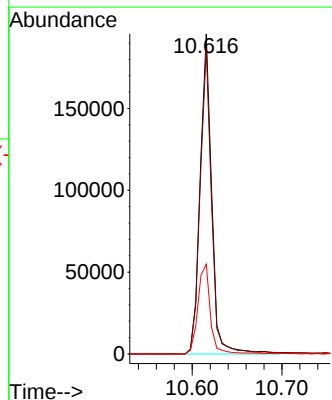
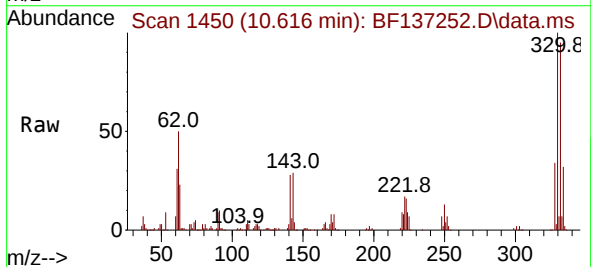
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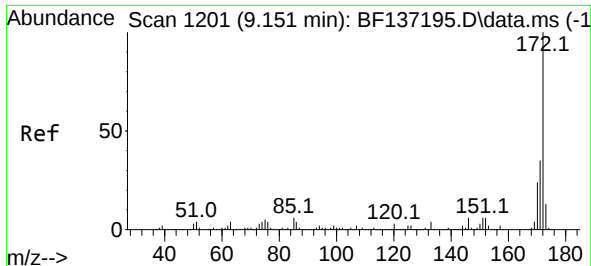
Tgt Ion:164 Resp: 120995
Ion Ratio Lower Upper
164 100
162 94.7 78.3 117.5
160 42.7 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 128.301 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:330 Resp: 175318
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 30.5 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 93.277 ng

RT: 9.145 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137252.D

Acq: 02 Feb 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-1

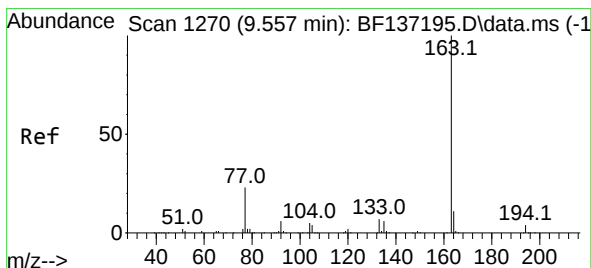
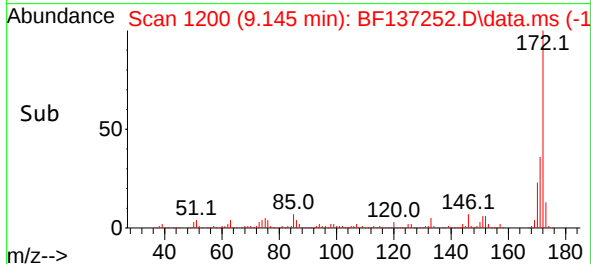
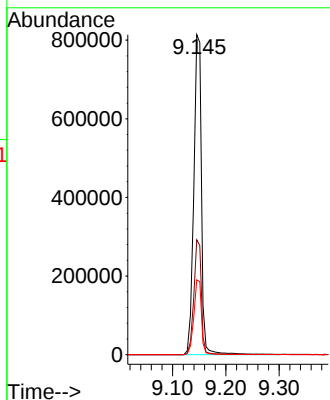
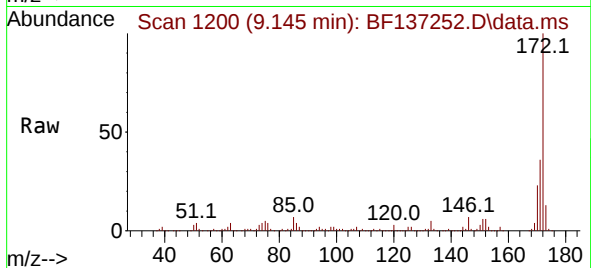
Tgt Ion:172 Resp: 820998

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.611 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.265 min

Lab File: BF137252.D

Acq: 02 Feb 2024 12:16

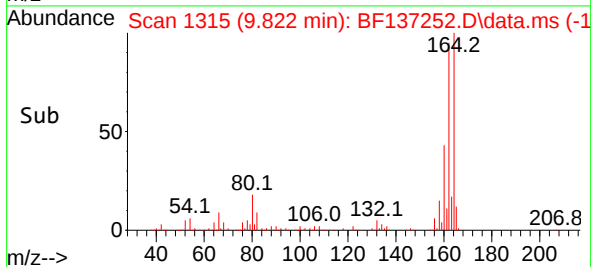
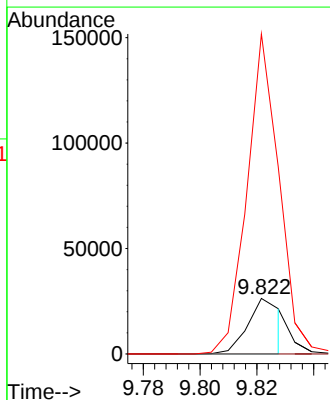
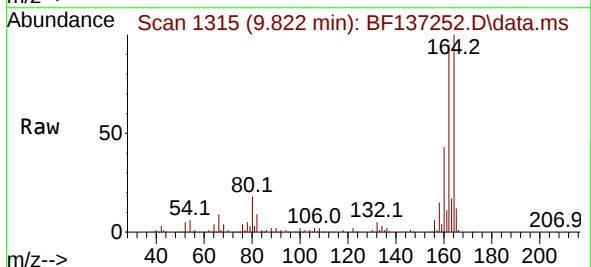
Tgt Ion:163 Resp: 21339

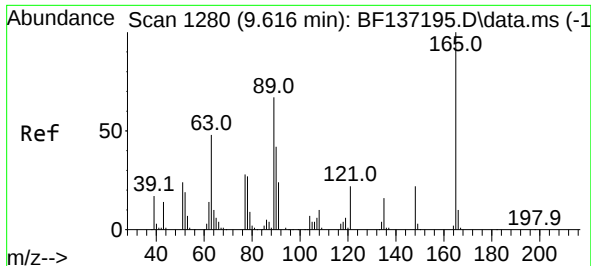
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 576.5 8.6 13.0#

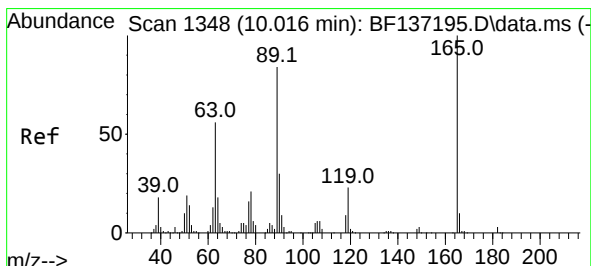
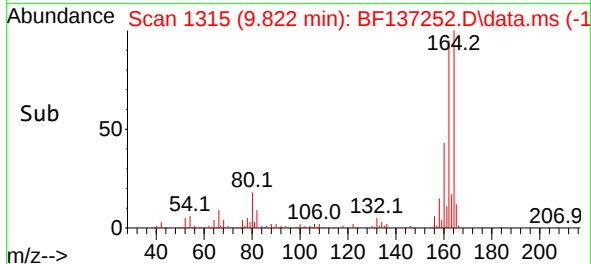
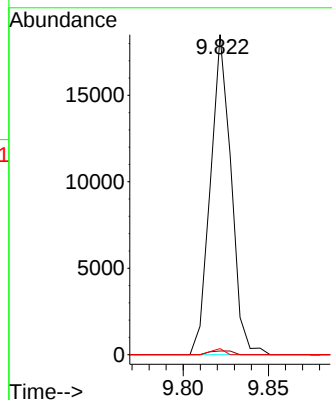
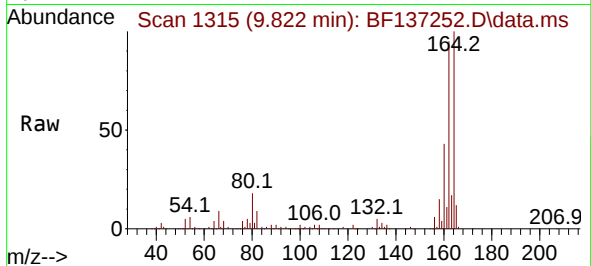




#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

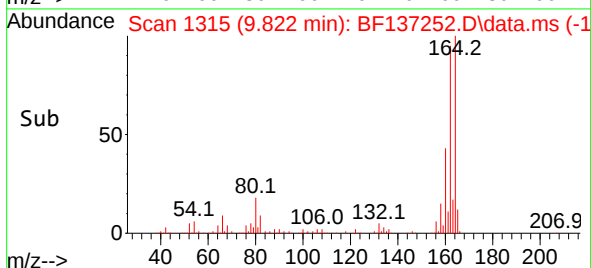
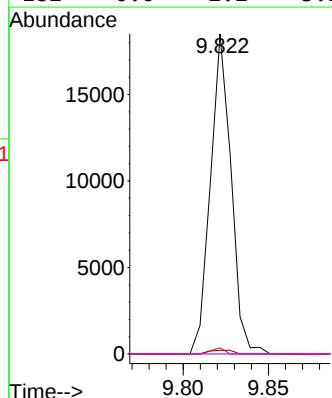
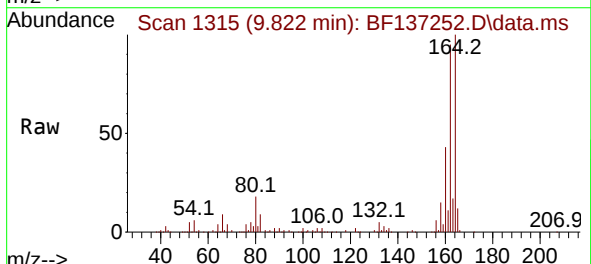
Instrument :
BNA_F
ClientSampleId :
TP-1

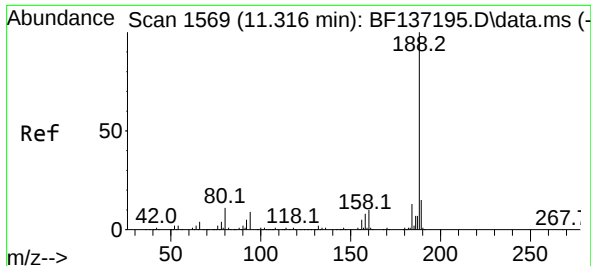
Tgt Ion:165 Resp: 15602
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.9 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.898 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:165 Resp: 15602
Ion Ratio Lower Upper
165 100
63 1.2 46.1 69.1#
89 1.9 67.5 101.3#
182 0.0 2.2 3.2#

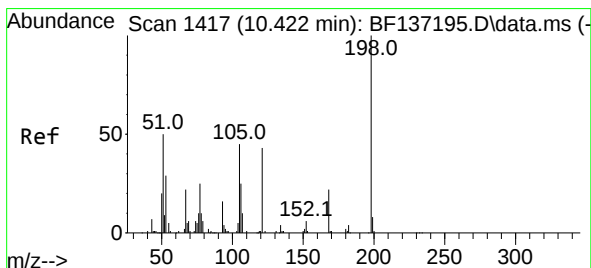
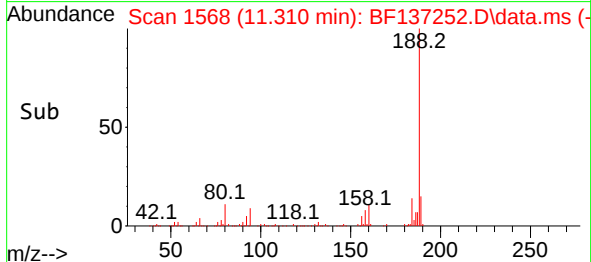
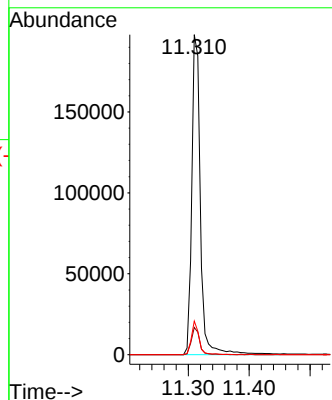
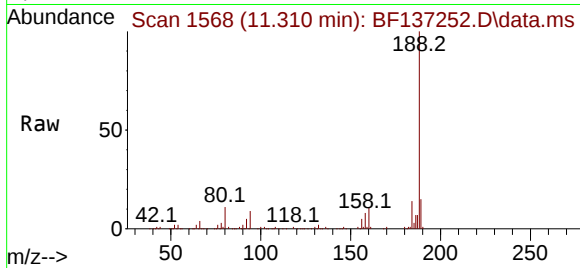




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

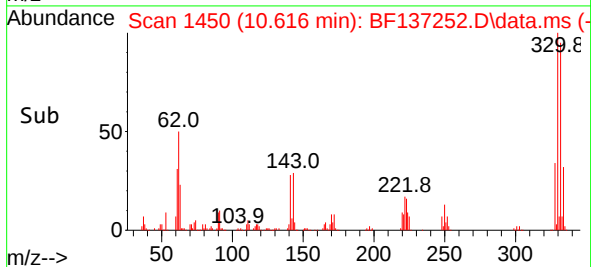
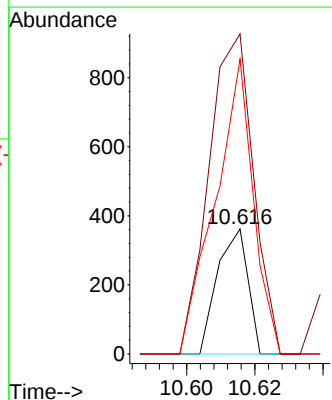
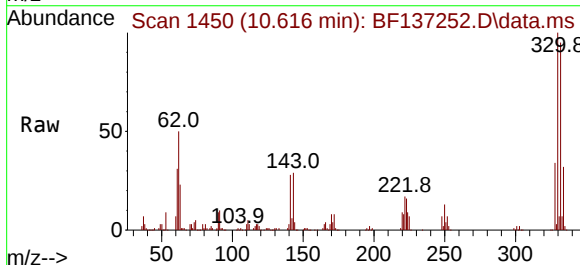
Instrument :
BNA_F
ClientSampleId :
TP-1

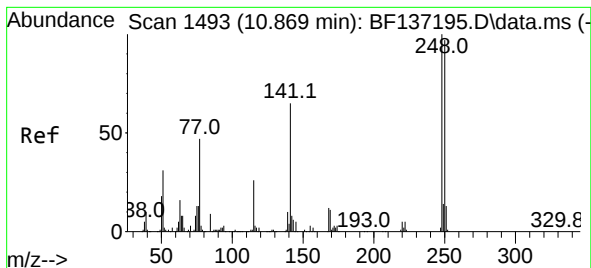
Tgt Ion:188 Resp: 193524
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 10.5 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.648 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
51 256.1 40.9 80.9#
105 235.9 26.5 66.5#

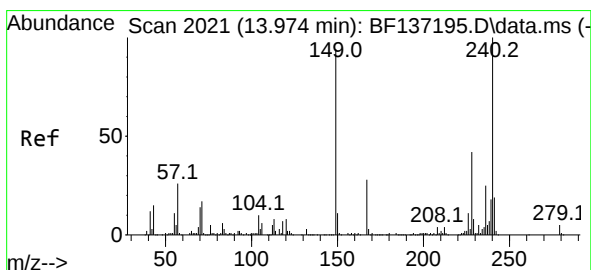
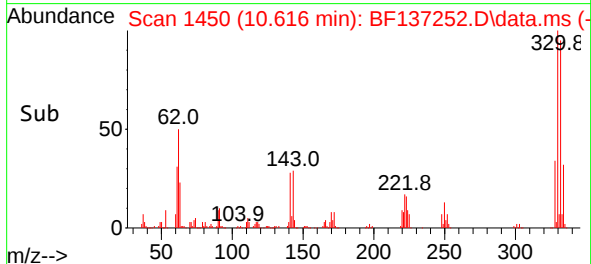
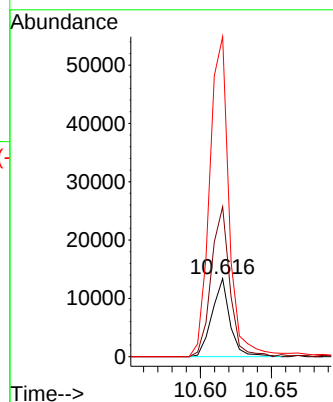
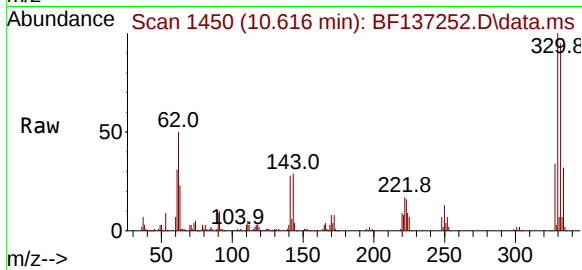




#67
4-Bromophenyl-phenylether
Concen: 5.531 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

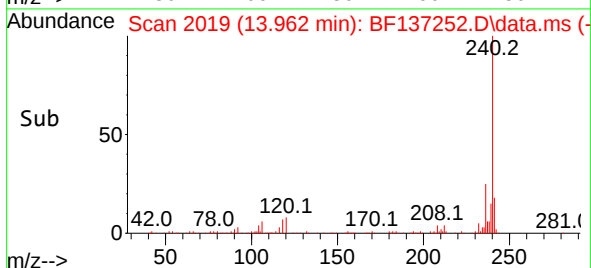
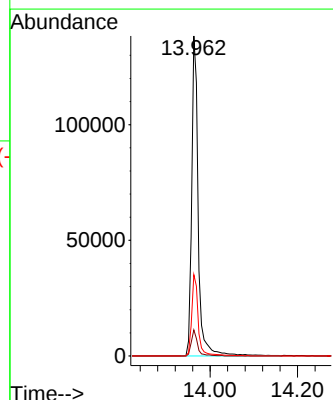
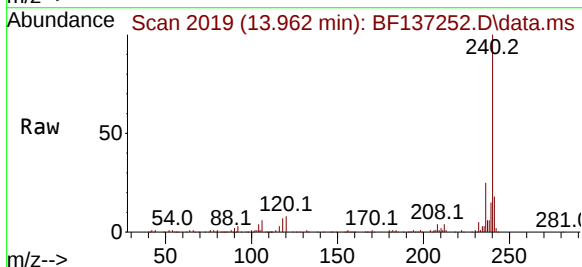
Instrument :
BNA_F
ClientSampleId :
TP-1

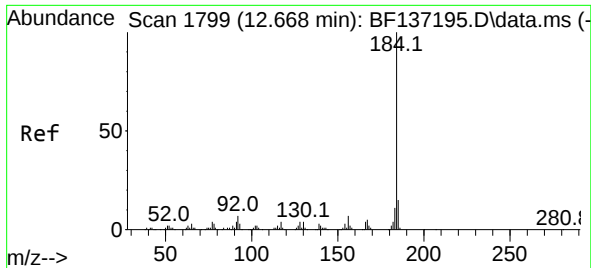
Tgt Ion:248 Resp: 11769
Ion Ratio Lower Upper
248 100
250 192.2 77.7 116.5#
141 410.1 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:240 Resp: 141570
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 25.4 20.3 30.5

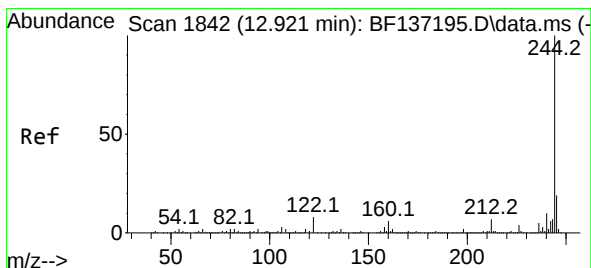
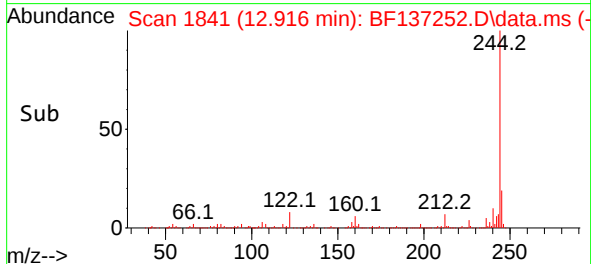
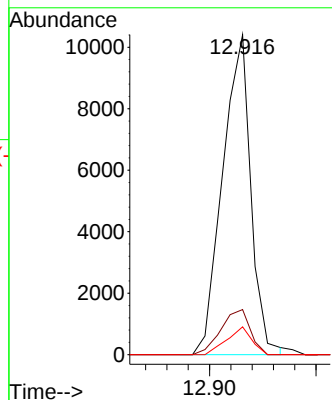
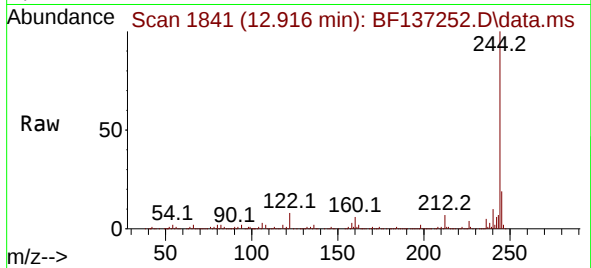




#77
Benzidine
Concen: 3.771 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

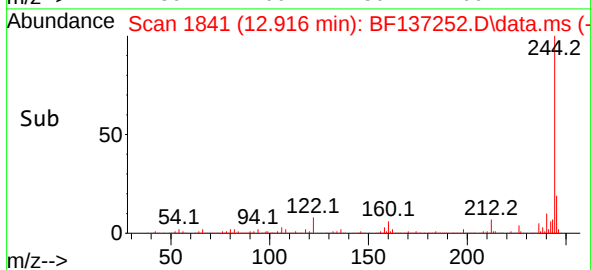
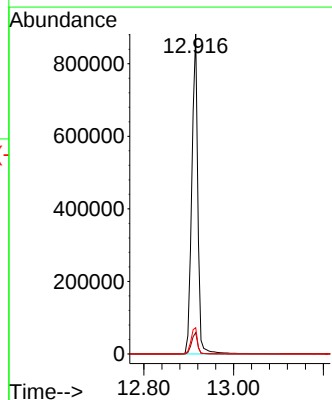
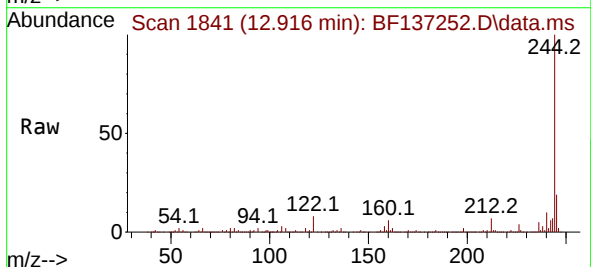
Instrument :
BNA_F
ClientSampleId :
TP-1

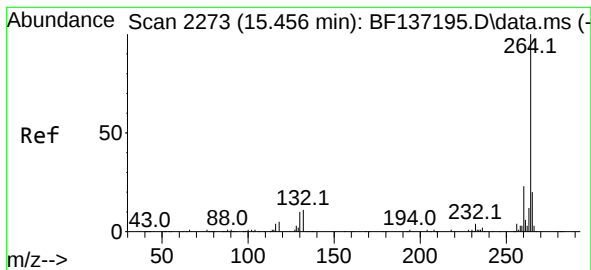
Tgt Ion:184 Resp: 9560
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 8.7 8.8 13.2#



#79
Terphenyl-d14
Concen: 78.736 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:244 Resp: 819941
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 8.2 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 78088
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 19.9 16.2 24.2

