

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137255.D
 Acq On : 02 Feb 2024 15:17
 Operator : CG\JU
 Sample : P1337-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 02 15:37:39 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)

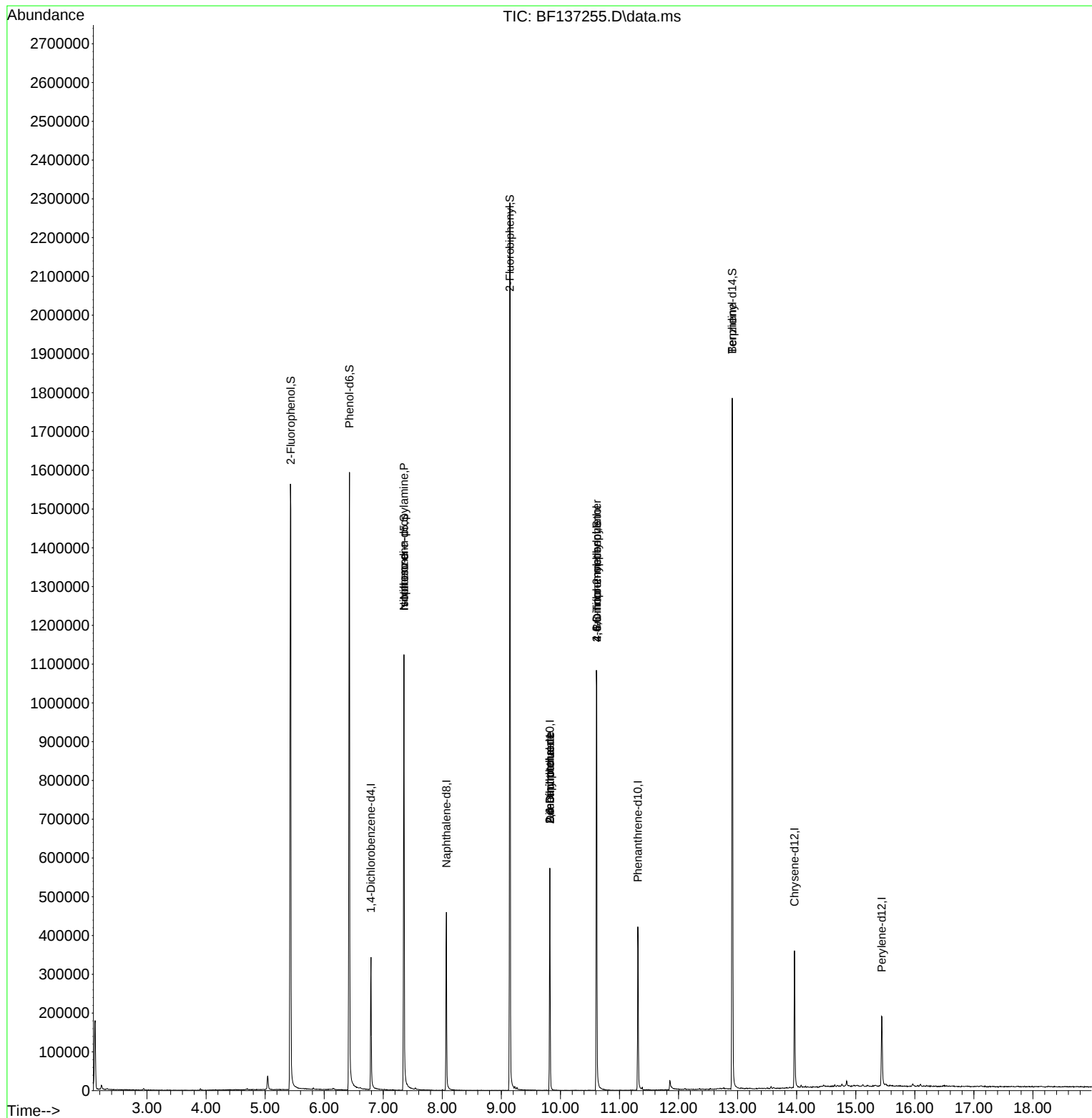
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	51860	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	201839	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108920	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	172014	20.000	ng	0.00
76) Chrysene-d12	13.962	240	136480	20.000	ng	-0.01
86) Perylene-d12	15.439	264	99803	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	445391	141.714	ng	0.02
7) Phenol-d6	6.428	99	572222	127.580	ng	0.00
23) Nitrobenzene-d5	7.351	82	383171	84.994	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	143031	116.277	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	700651	88.429	ng	0.00
79) Terphenyl-d14	12.910	244	686297	68.360	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	51180	16.642	ng	# 80
25) Isophorone	7.351	82	383168	46.047	ng	# 67
50) Dimethylphthalate	9.822	163	19948	2.711	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14259	9.087	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	14259	7.004	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	242	5.690	ng	# 52
67) 4-Bromophenyl-phenylether	10.616	248	9359	4.948	ng	# 1
77) Benzidine	12.910	184	8458	3.461	ng	# 90

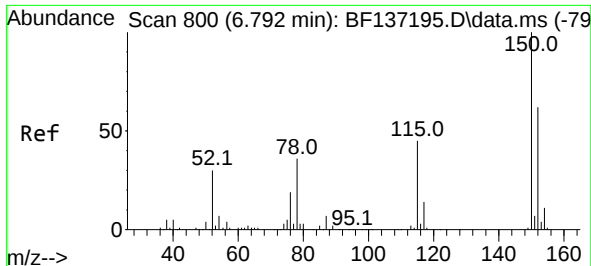
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137255.D
Acq On : 02 Feb 2024 15:17
Operator : CG\JU
Sample : P1337-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Feb 02 15:37:39 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

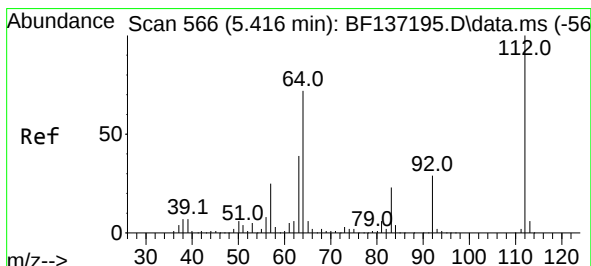
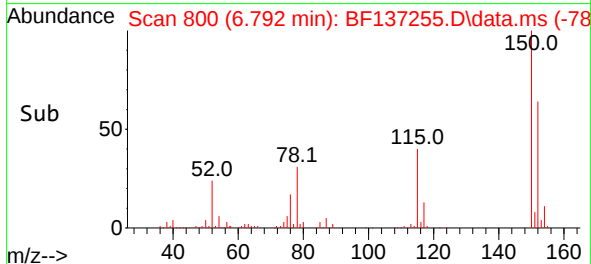
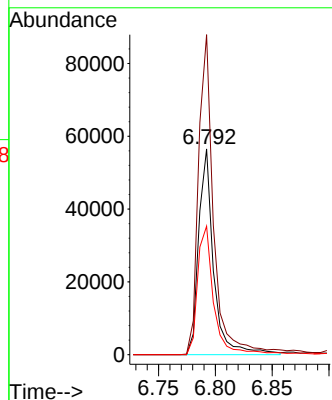
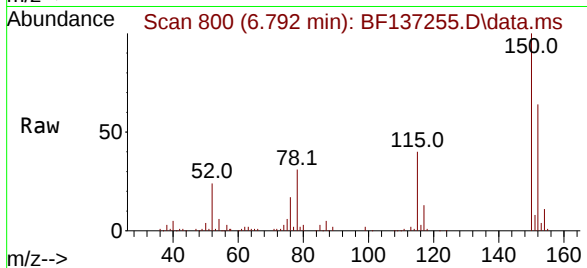




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

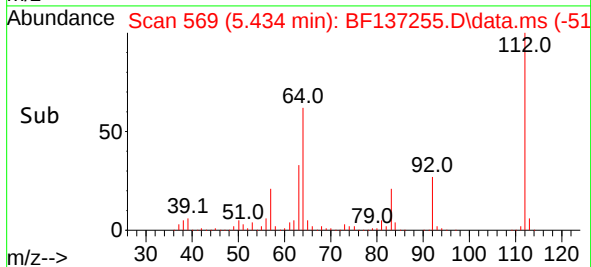
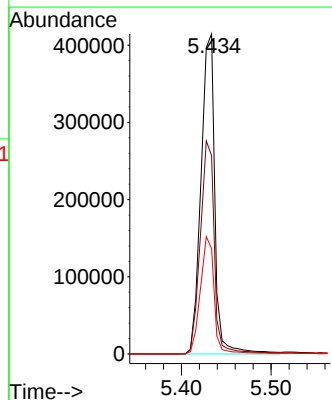
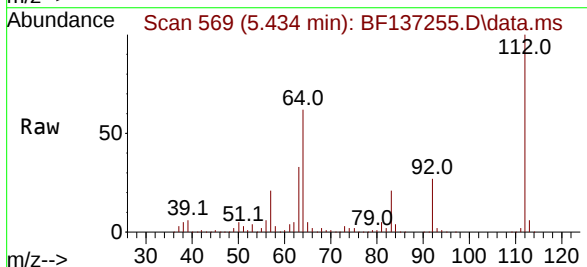
Instrument :
BNA_F
ClientSampleId :
TP-2

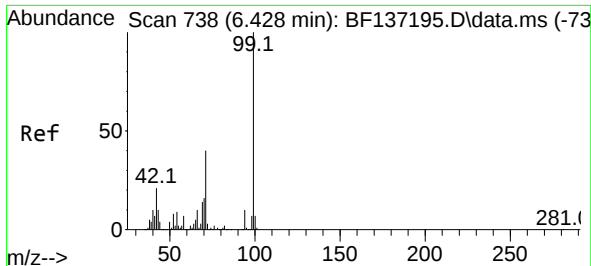
Tgt Ion:152 Resp: 51860
Ion Ratio Lower Upper
152 100
150 155.5 129.8 194.8
115 62.4 58.5 87.7



#5
2-Fluorophenol
Concen: 141.714 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:112 Resp: 445391
Ion Ratio Lower Upper
112 100
64 62.0 57.8 86.6
63 33.0 31.4 47.0





#7
Phenol-d6
Concen: 127.580 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

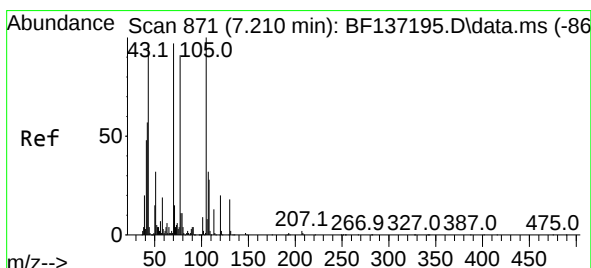
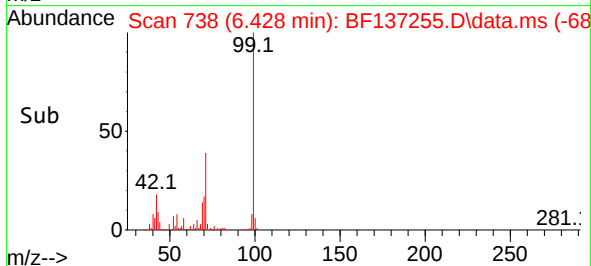
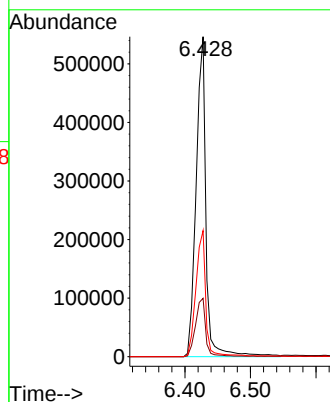
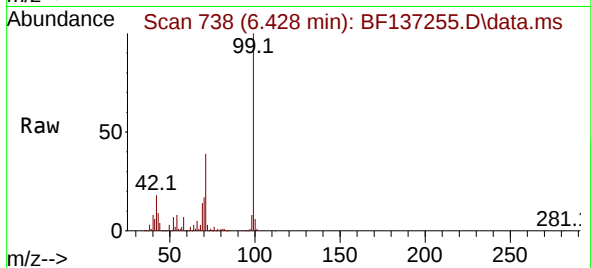
Instrument :

BNA_F

ClientSampleId :

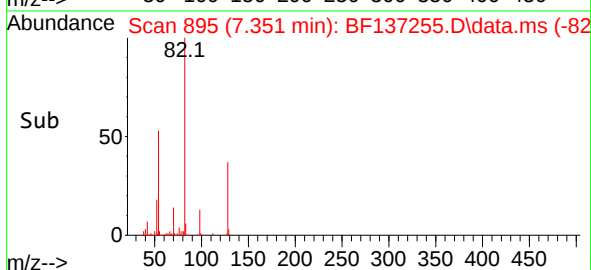
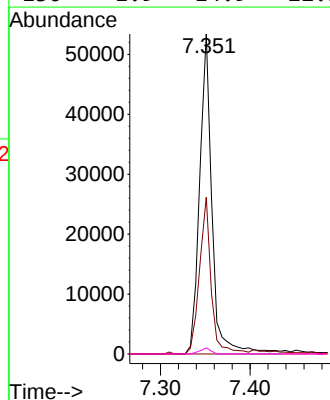
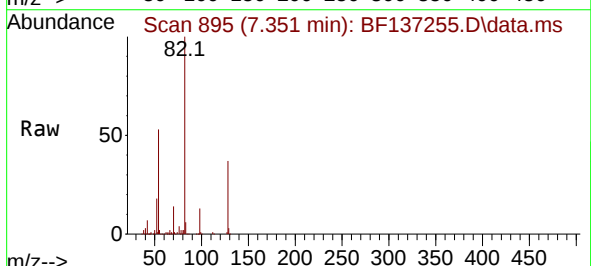
TP-2

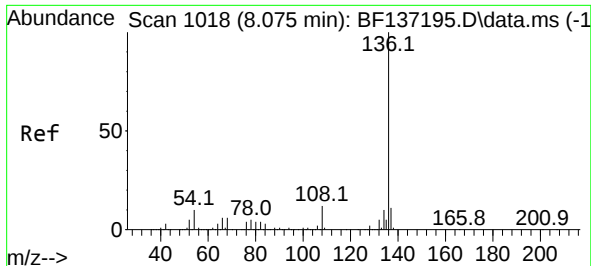
Tgt Ion: 99 Resp: 572222
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 39.4 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.642 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion: 70 Resp: 51180
Ion Ratio Lower Upper
70 100
42 49.0 47.2 70.8
101 0.0 7.4 11.0#
130 1.9 14.9 22.3#



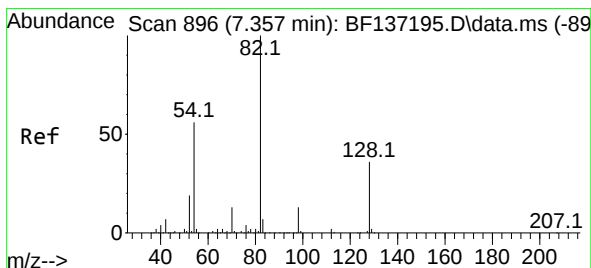
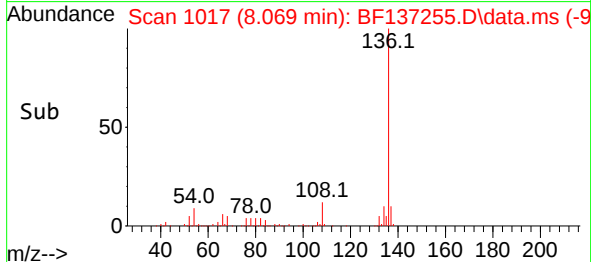
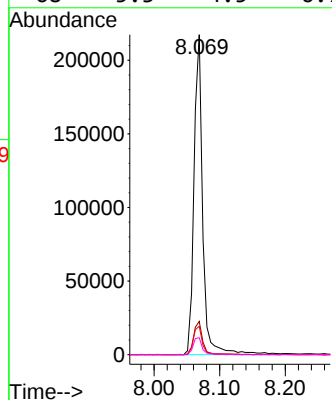
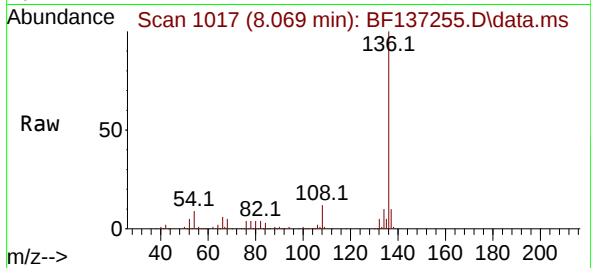


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 201839

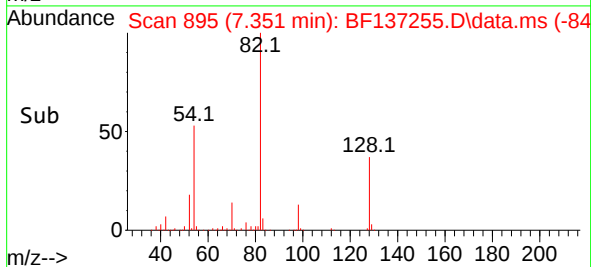
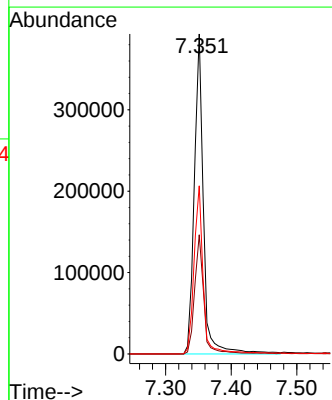
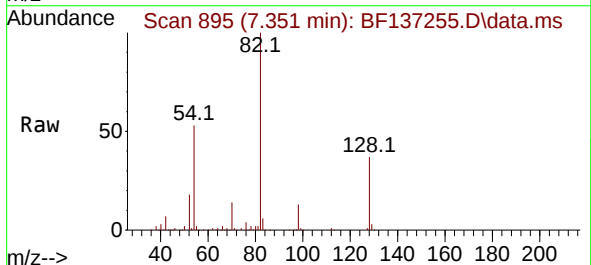
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.8	7.8	11.8
68	5.3	4.5	6.7

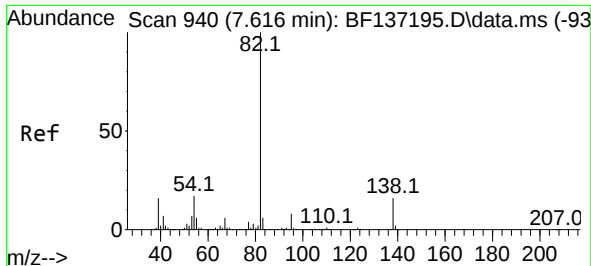


#23
Nitrobenzene-d5
Concen: 84.994 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion: 82 Resp: 383171

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.1	43.7
54	52.5	45.0	67.6

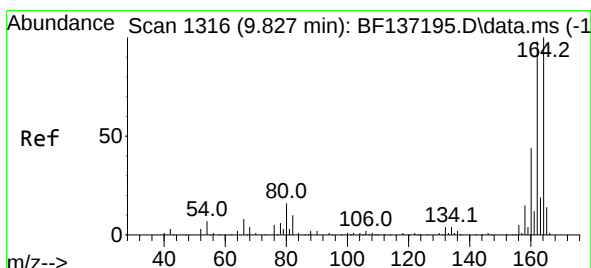
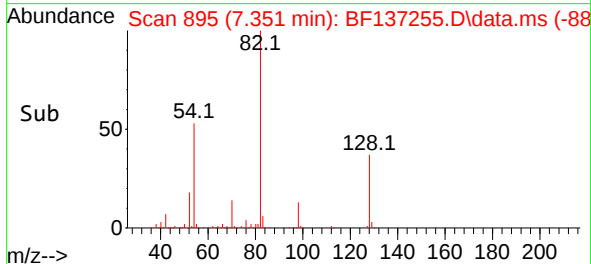
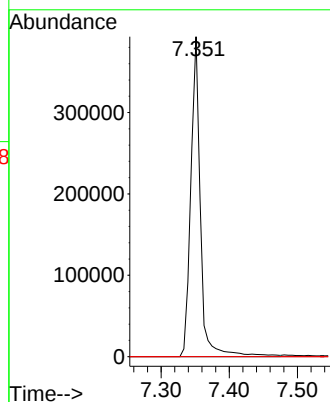
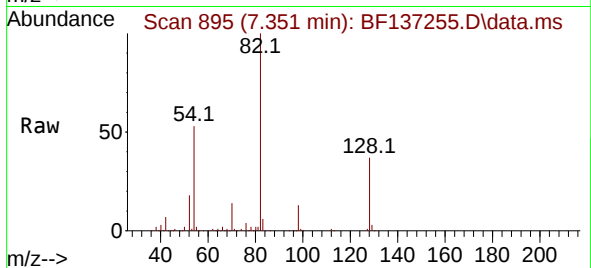




#25
Isophorone
Concen: 46.047 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

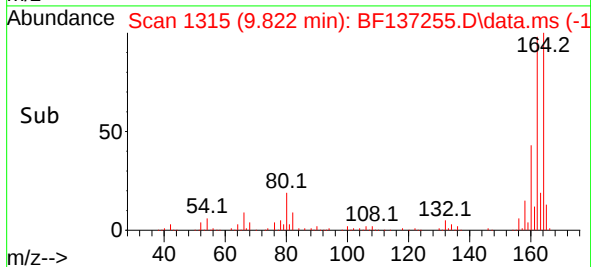
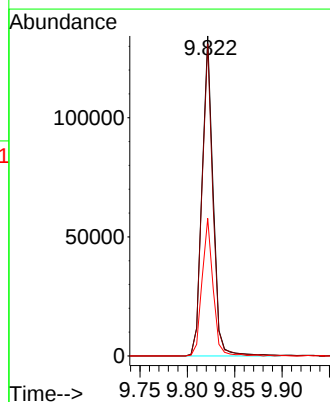
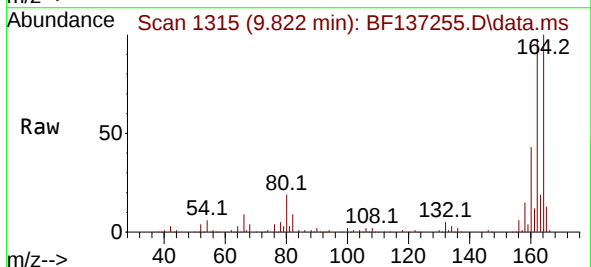
Instrument :
BNA_F
ClientSampleId :
TP-2

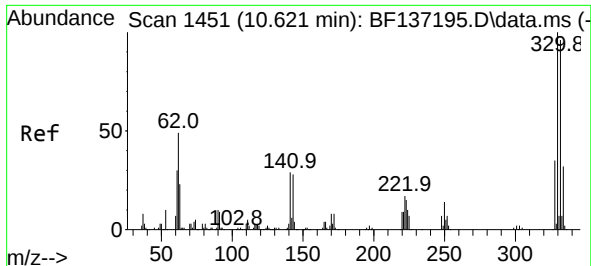
Tgt Ion: 82 Resp: 383168
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:164 Resp: 108920
Ion Ratio Lower Upper
164 100
162 97.6 78.3 117.5
160 43.0 35.4 53.2

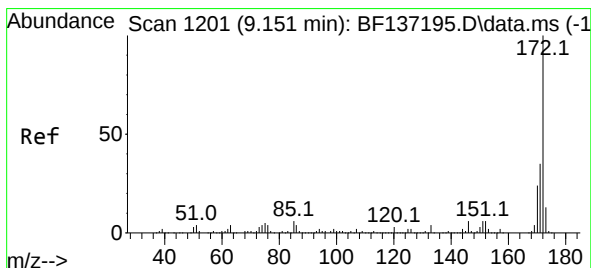
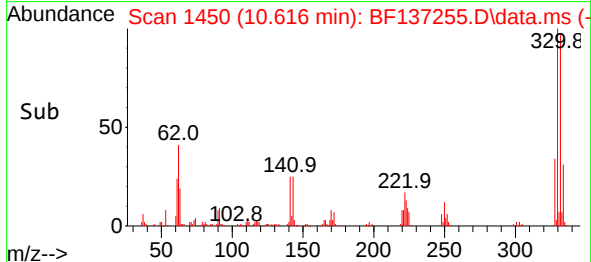
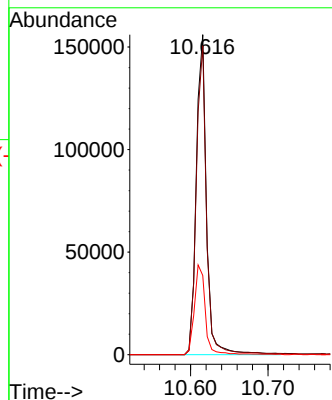
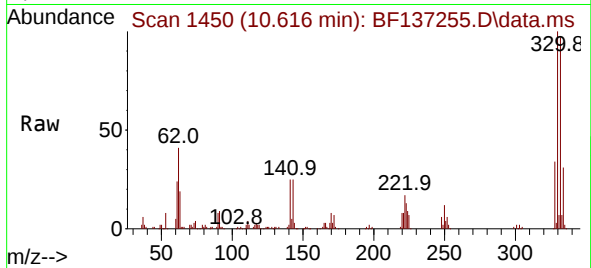




#42
2,4,6-Tribromophenol
Concen: 116.277 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

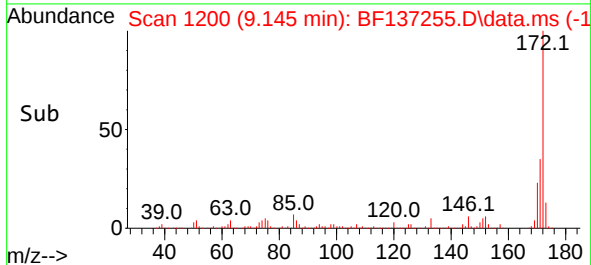
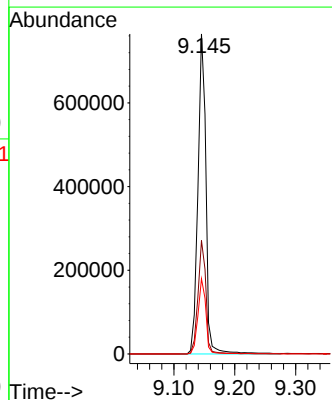
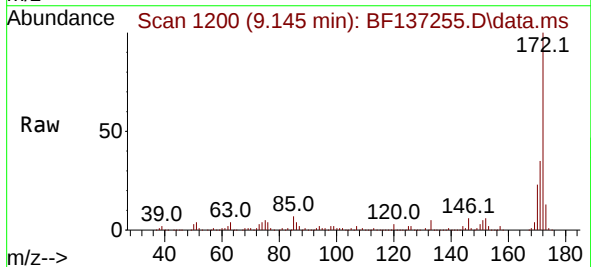
Instrument :
BNA_F
ClientSampleId :
TP-2

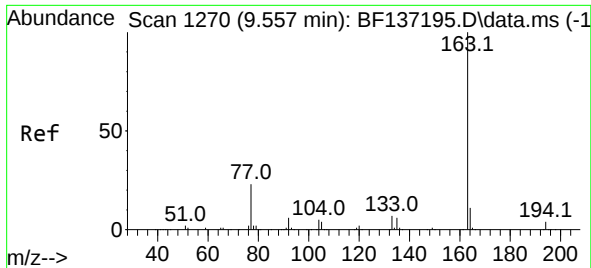
Tgt Ion:330 Resp: 143031
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 88.429 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:172 Resp: 700651
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 19.1 28.7

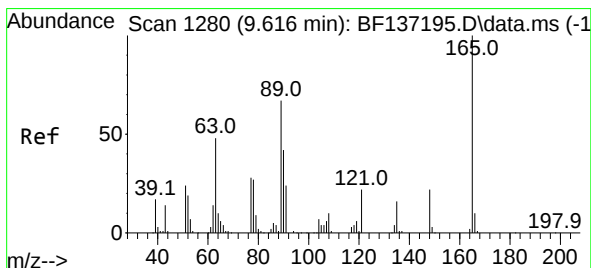
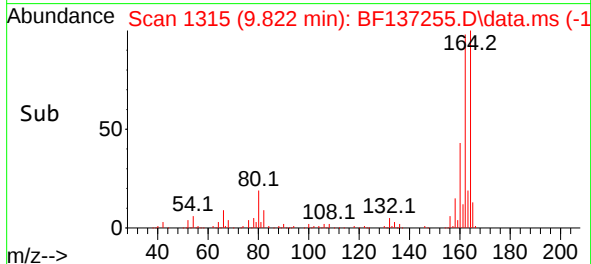
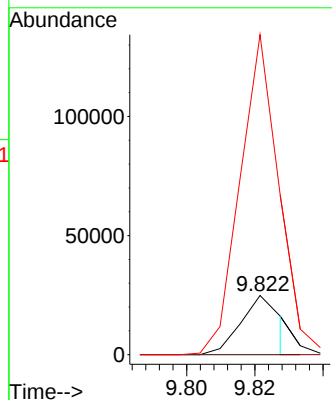
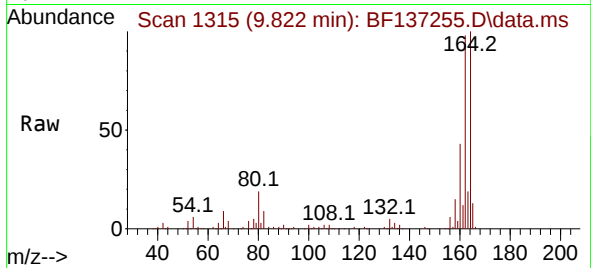




#50
Dimethylphthalate
Concen: 2.711 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

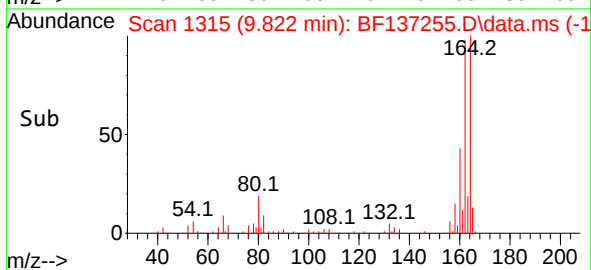
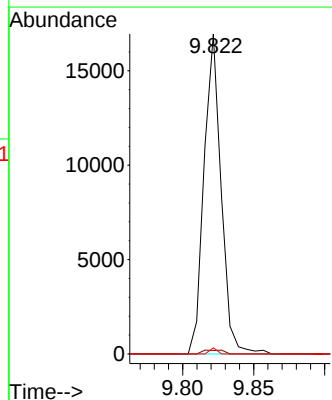
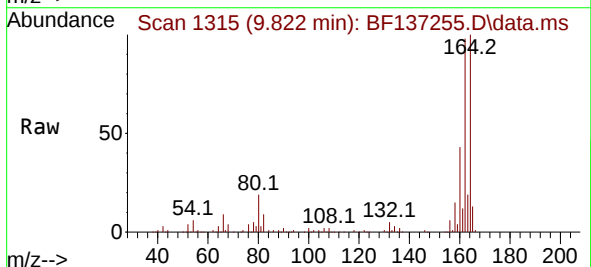
Instrument :
BNA_F
ClientSampleId :
TP-2

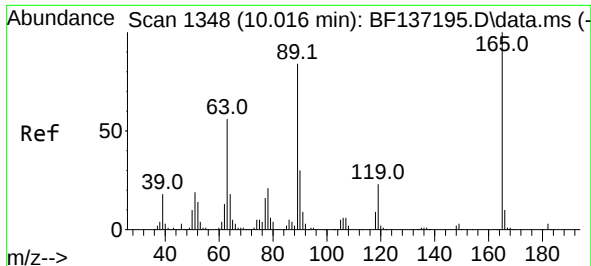
Tgt Ion:163 Resp: 19948
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 540.1 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:165 Resp: 14259
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.9 53.5 80.3#

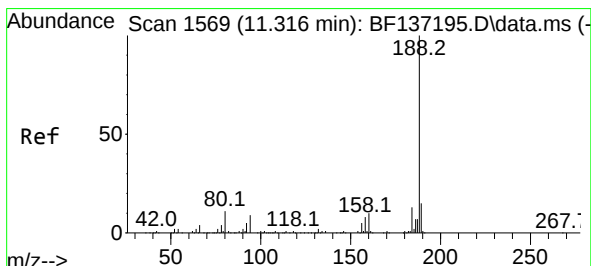
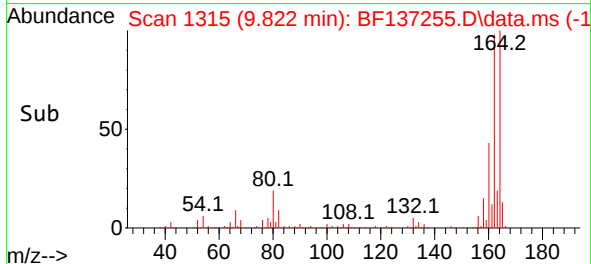
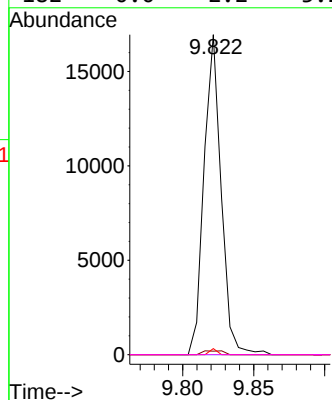
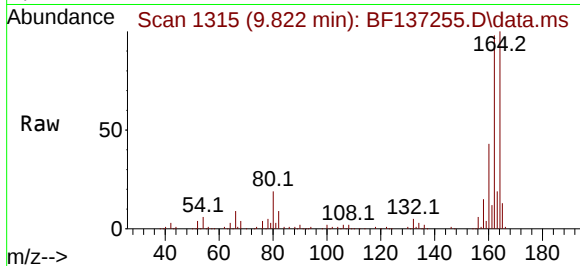




#57
2,4-Dinitrotoluene
Concen: 7.004 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

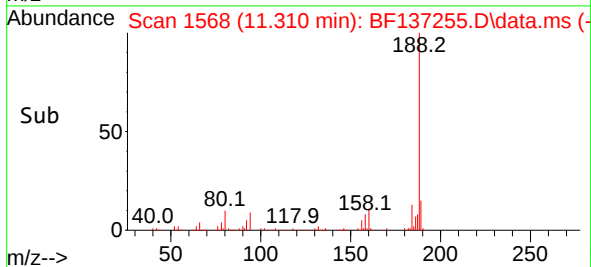
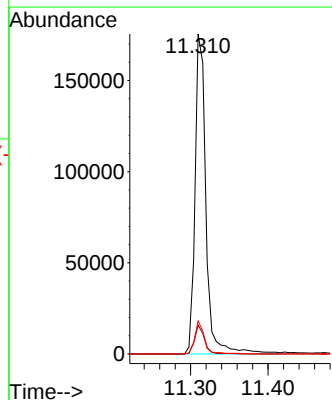
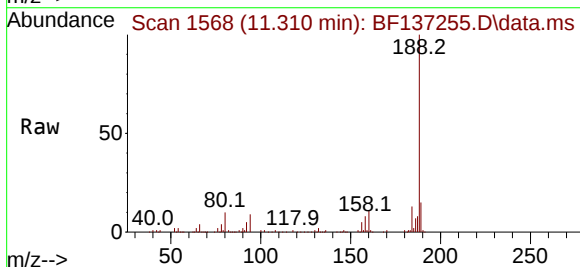
Instrument :
BNA_F
ClientSampleId :
TP-2

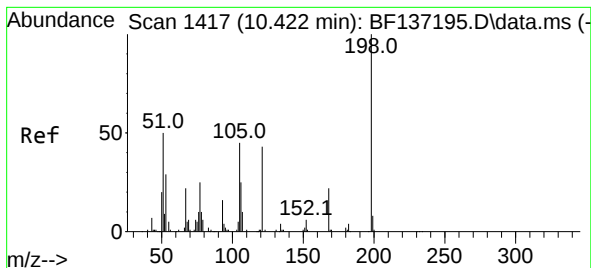
Tgt Ion:165 Resp: 14259
Ion Ratio Lower Upper
165 100
63 1.1 46.1 69.1#
89 1.9 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:188 Resp: 172014
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.3 8.8 13.2

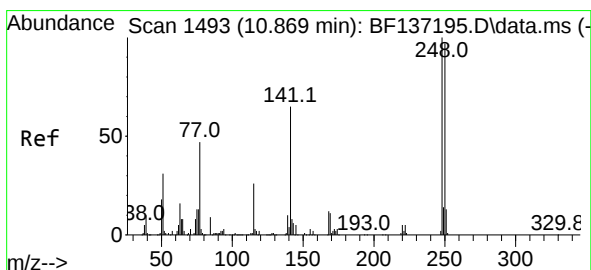
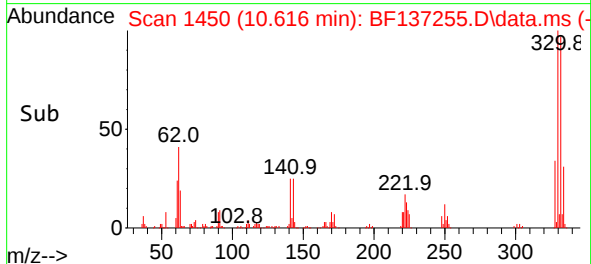
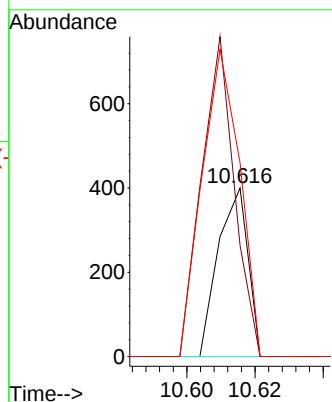
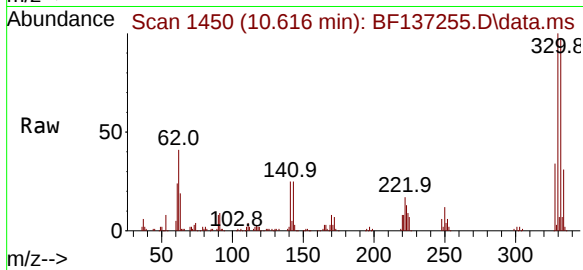




#65
4,6-Dinitro-2-methylphenol
Concen: 5.690 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

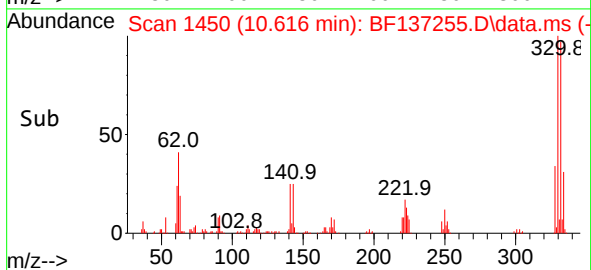
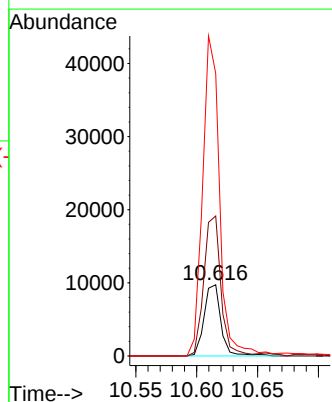
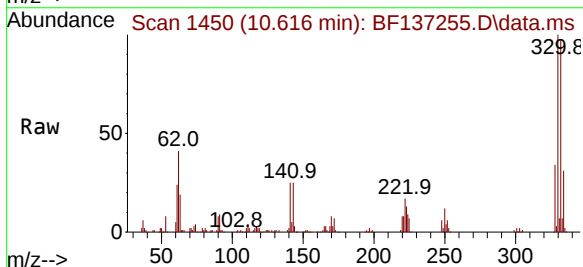
Instrument :
BNA_F
ClientSampleId :
TP-2

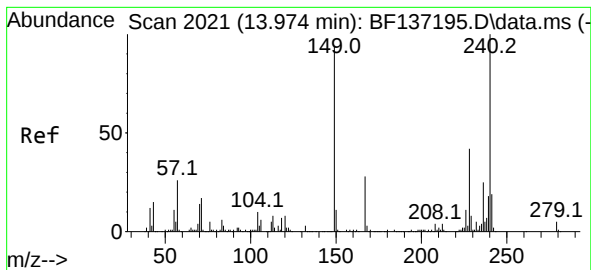
Tgt Ion:198 Resp: 242
Ion Ratio Lower Upper
198 100
51 66.0 40.9 80.9
105 115.0 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 4.948 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137255.D
Acq: 02 Feb 2024 15:17

Tgt Ion:248 Resp: 9359
Ion Ratio Lower Upper
248 100
250 196.4 77.7 116.5#
141 396.7 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137255.D

Acq: 02 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

TP-2

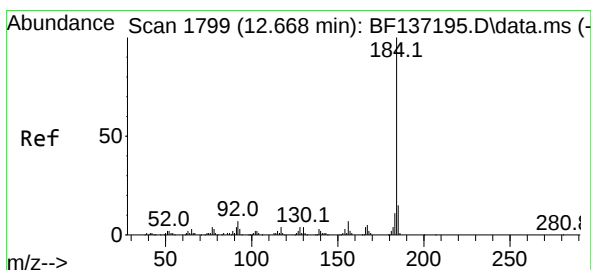
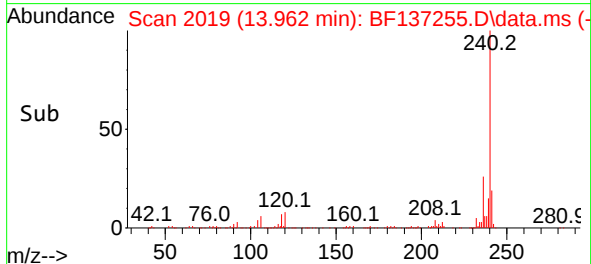
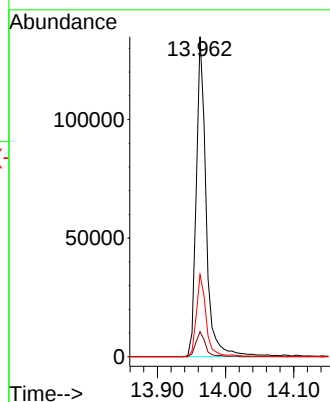
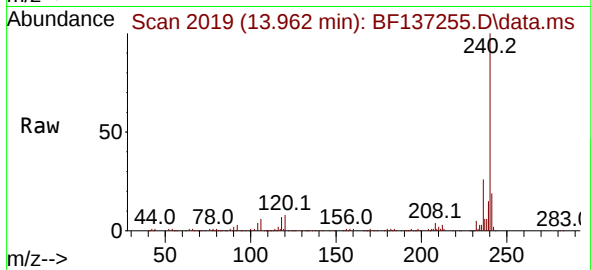
Tgt Ion:240 Resp: 136480

Ion Ratio Lower Upper

240 100

120 7.8 6.3 9.5

236 25.6 20.3 30.5



#77

Benzidine

Concen: 3.461 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137255.D

Acq: 02 Feb 2024 15:17

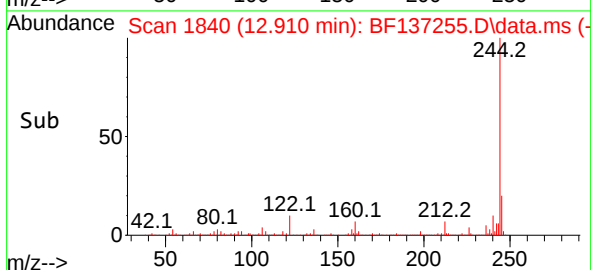
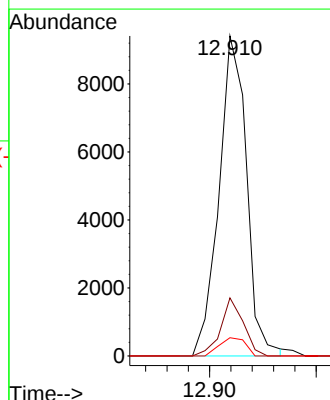
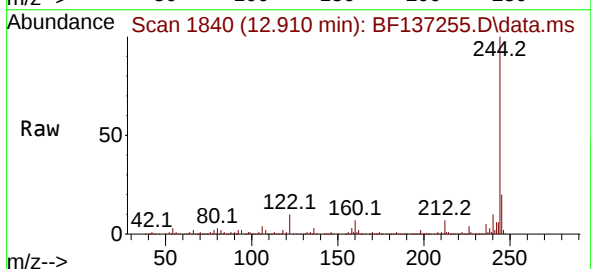
Tgt Ion:184 Resp: 8458

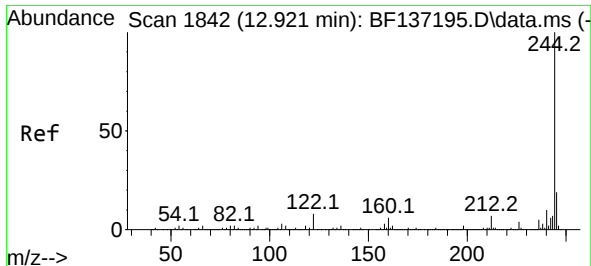
Ion Ratio Lower Upper

184 100

185 18.2 11.9 17.9#

183 5.7 8.8 13.2#

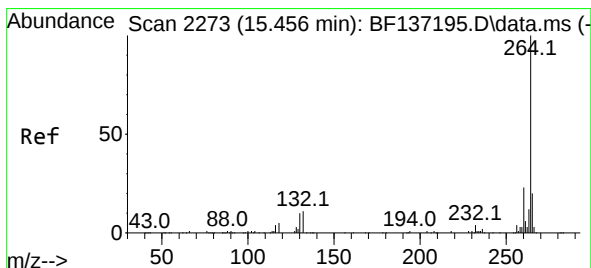
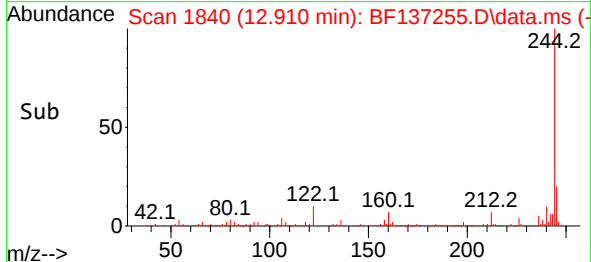
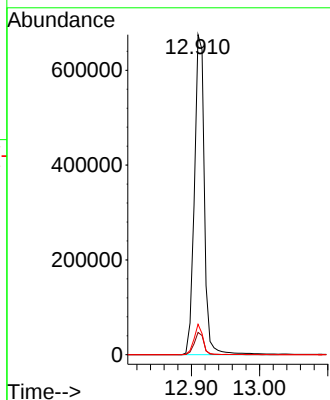
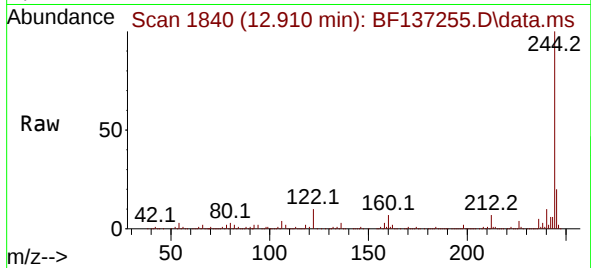




#79
 Terphenyl-d14
 Concen: 68.360 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137255.D
 Acq: 02 Feb 2024 15:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 686297
 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: 15.439 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF137255.D
 Acq: 02 Feb 2024 15:17

Tgt Ion:264 Resp: 99803
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.4
 265 21.4 16.2 24.2

