

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137260.D
 Acq On : 02 Feb 2024 17:47
 Operator : CG\JU
 Sample : P1337-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Feb 02 22:43:27 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)

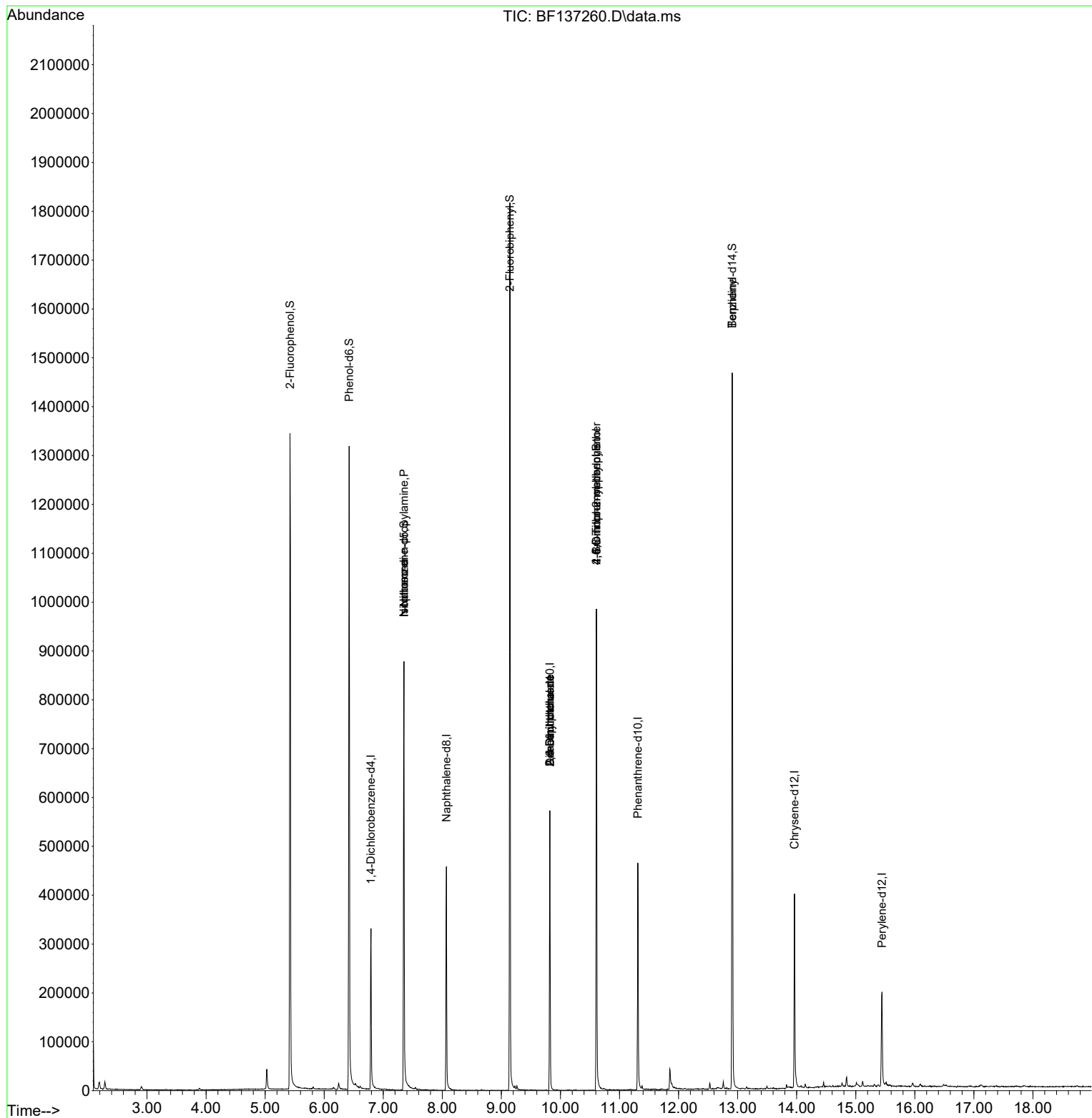
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	51336	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	198214	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108863	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	174364	20.000	ng	0.00
76) Chrysene-d12	13.963	240	140049	20.000	ng	-0.01
86) Perylene-d12	15.445	264	107800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	357819	115.013	ng	0.00
7) Phenol-d6	6.422	99	451906	101.783	ng	0.00
23) Nitrobenzene-d5	7.351	82	294849	66.599	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	115732	94.133	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	525187	66.318	ng	0.00
79) Terphenyl-d14	12.910	244	508044	49.315	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	40718	13.376	ng	# 79
25) Isophorone	7.351	82	294846	36.081	ng	# 67
50) Dimethylphthalate	9.822	163	19872	2.702	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14033	8.948	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	14033	6.896	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	207	5.653	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	7948	4.145	ng	# 1
77) Benzidine	12.910	184	6319	2.520	ng	# 92

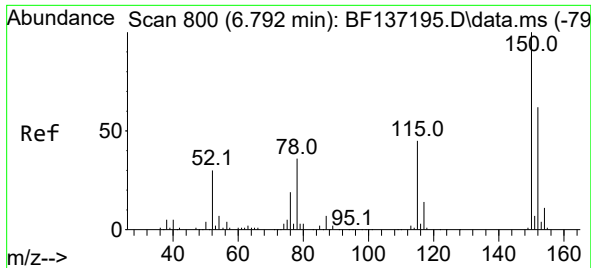
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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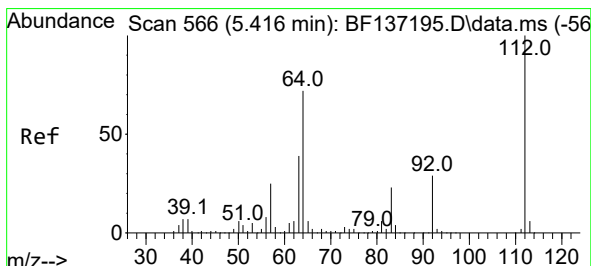
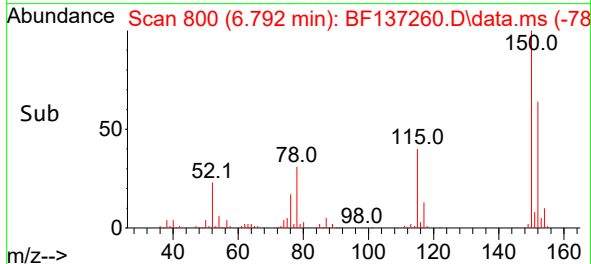
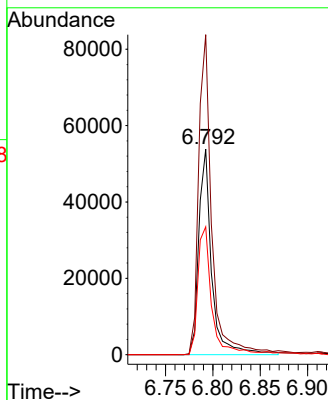
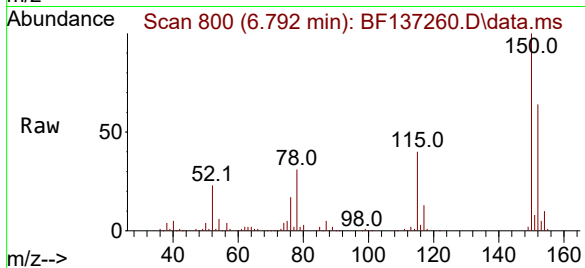




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137260.D
 Acq: 02 Feb 2024 17:47

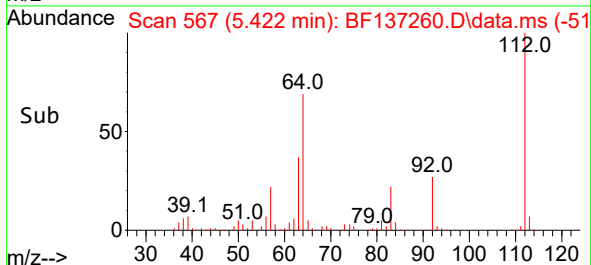
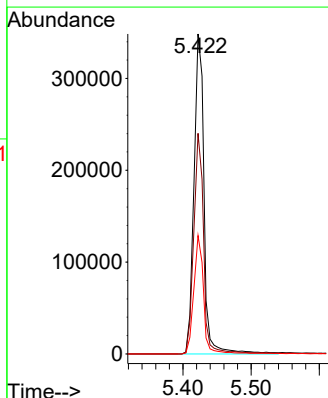
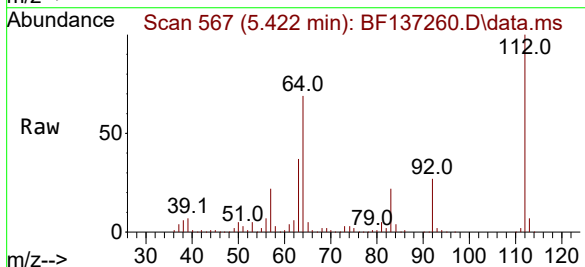
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

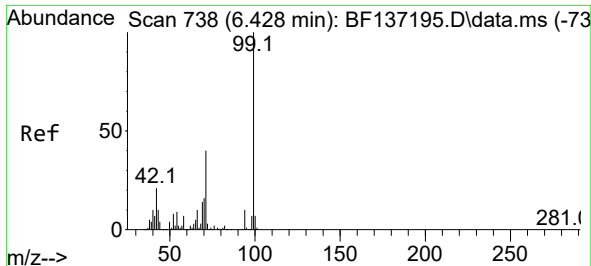
Tgt Ion:152 Resp: 51336
 Ion Ratio Lower Upper
 152 100
 150 155.6 129.8 194.8
 115 62.1 58.5 87.7



#5
 2-Fluorophenol
 Concen: 115.013 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF137260.D
 Acq: 02 Feb 2024 17:47

Tgt Ion:112 Resp: 357819
 Ion Ratio Lower Upper
 112 100
 64 69.0 57.8 86.6
 63 37.0 31.4 47.0

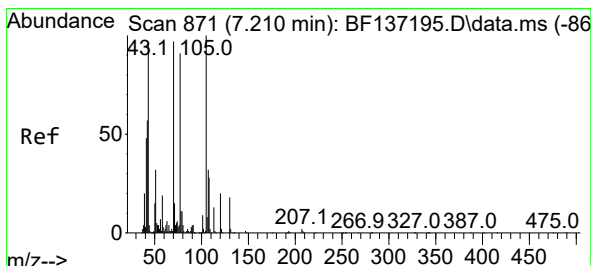
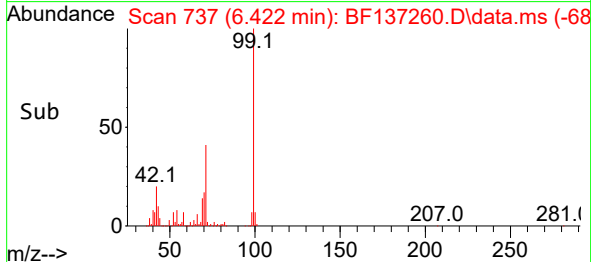
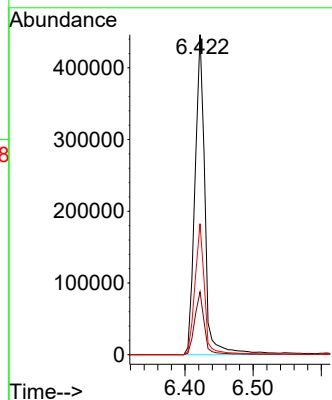
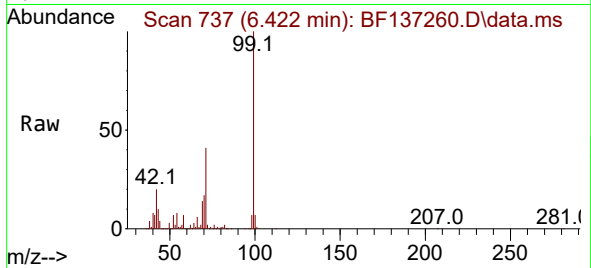




#7
Phenol-d6
Concen: 101.783 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

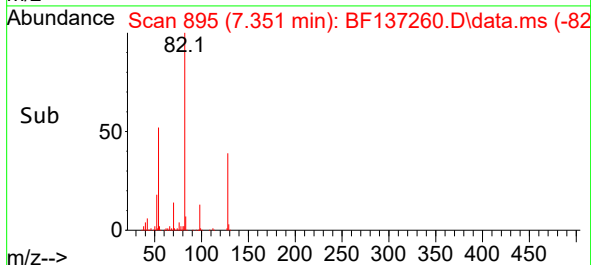
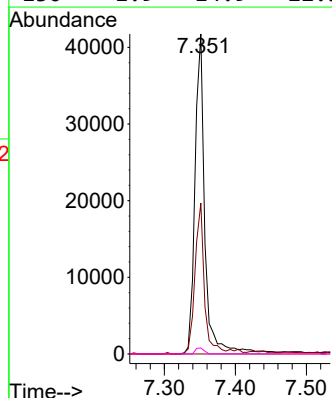
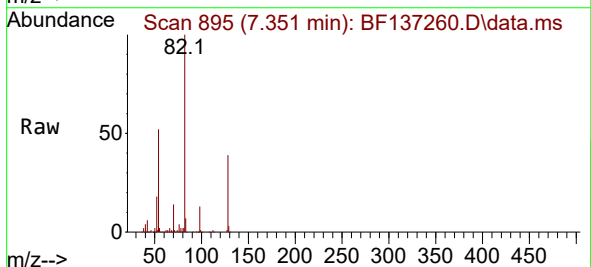
Instrument :
BNA_F
ClientSampleId :
TP-5

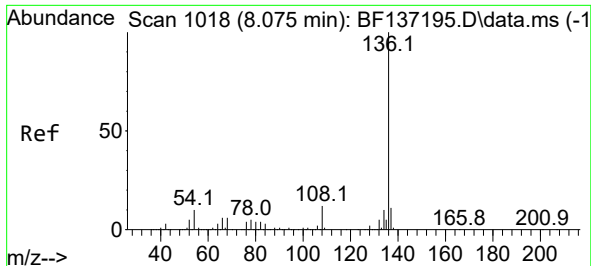
Tgt Ion: 99 Resp: 451906
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 40.9 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.376 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion: 70 Resp: 40718
Ion Ratio Lower Upper
70 100
42 47.2 47.2 70.8#
101 0.0 7.4 11.0#
130 1.9 14.9 22.3#



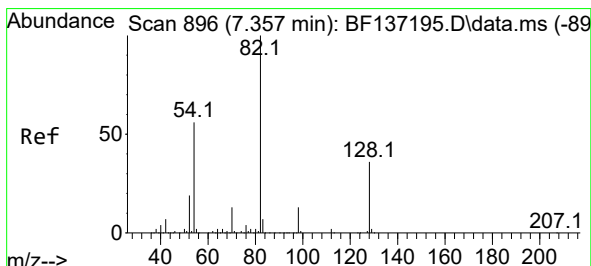
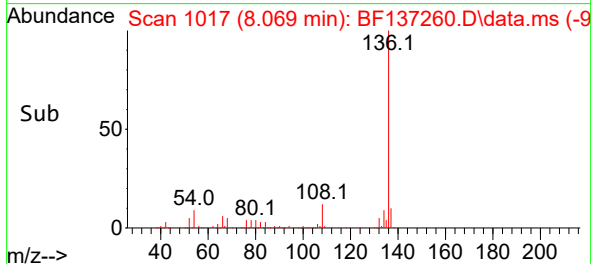
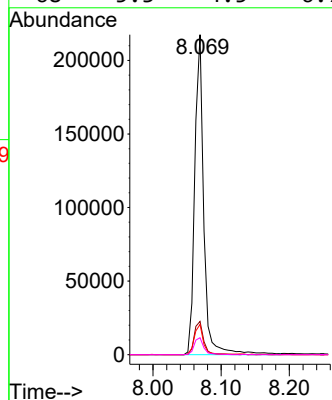
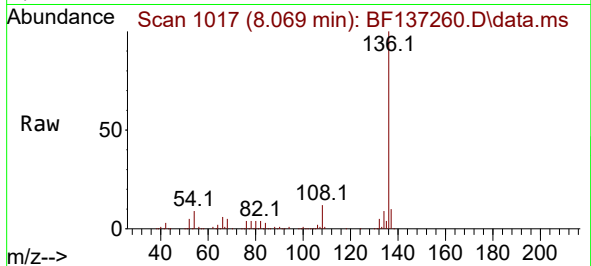


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 198214

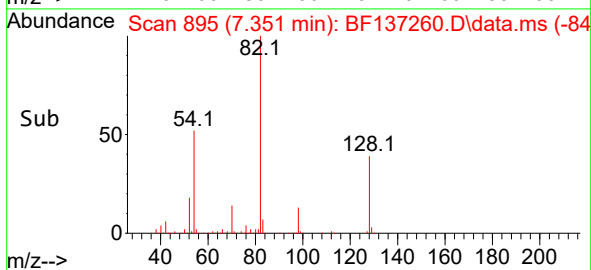
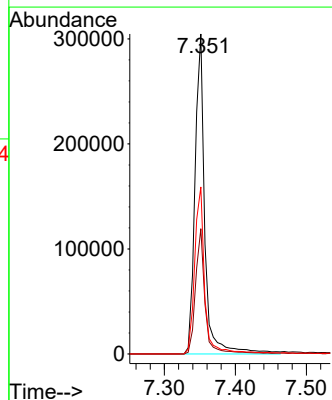
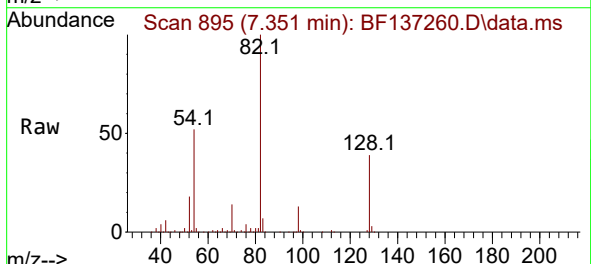
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.4	7.8	11.8
68	5.3	4.5	6.7

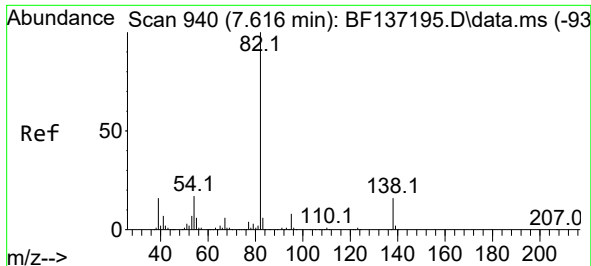


#23
Nitrobenzene-d5
Concen: 66.599 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion: 82 Resp: 294849

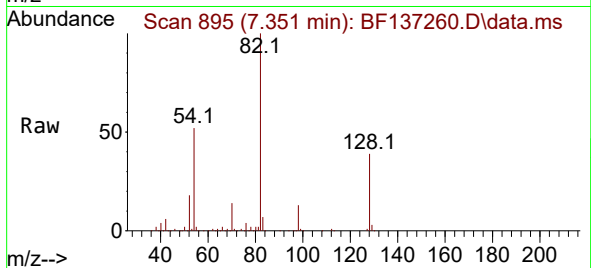
Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.1	43.7
54	52.2	45.0	67.6



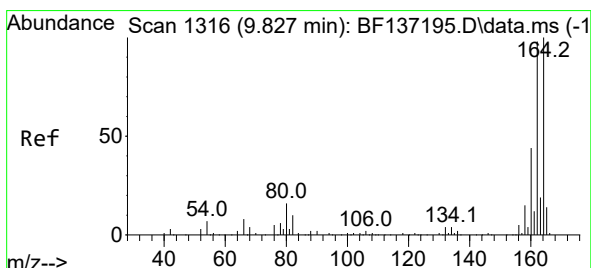
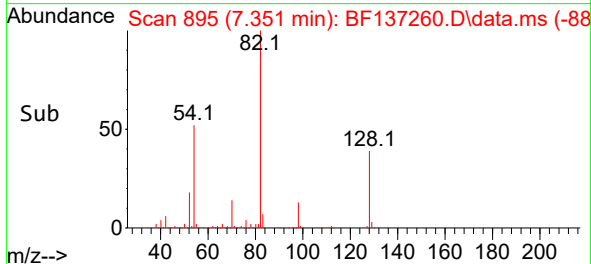
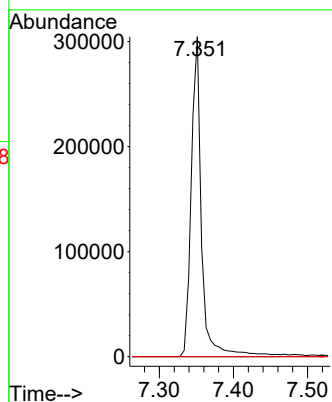


#25
Isophorone
Concen: 36.081 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Instrument :
BNA_F
ClientSampleId :
TP-5

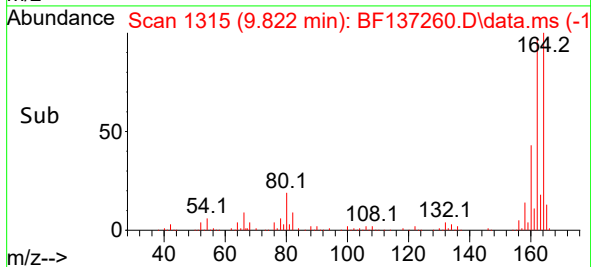
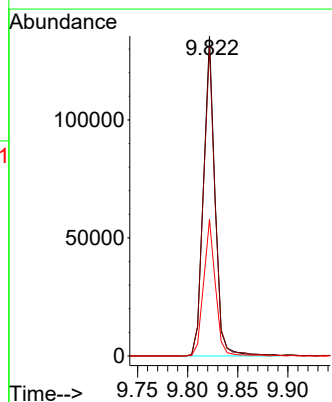
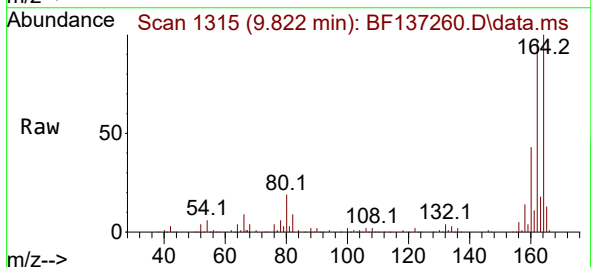


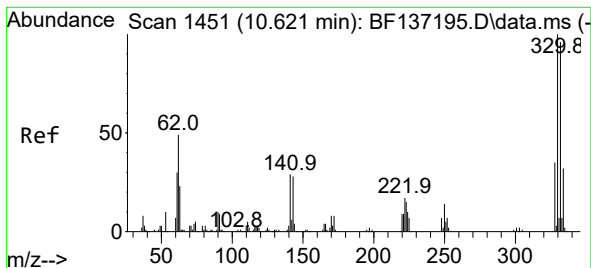
Tgt Ion: 82 Resp: 294846
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion: 164 Resp: 108863
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 42.7 35.4 53.2

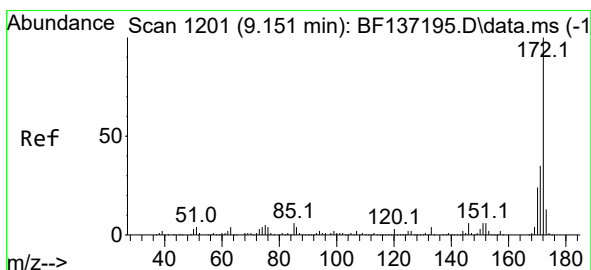
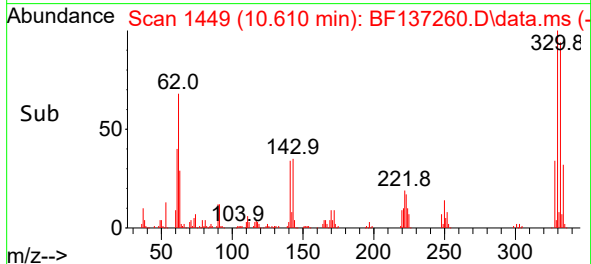
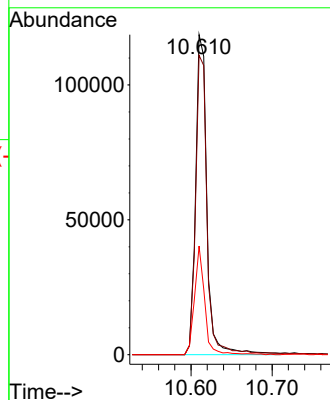
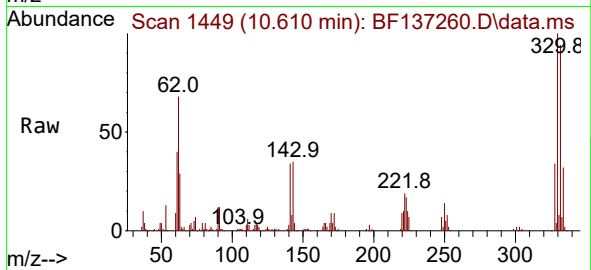




#42
2,4,6-Tribromophenol
Concen: 94.133 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

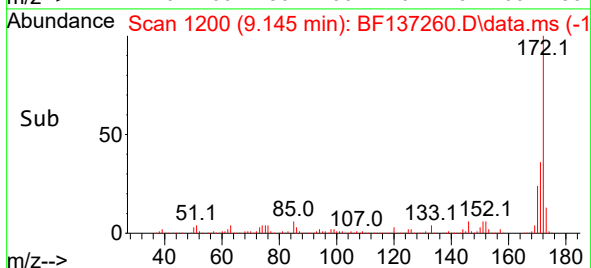
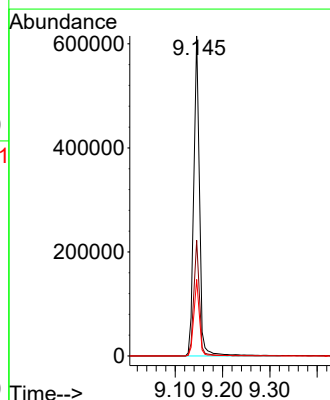
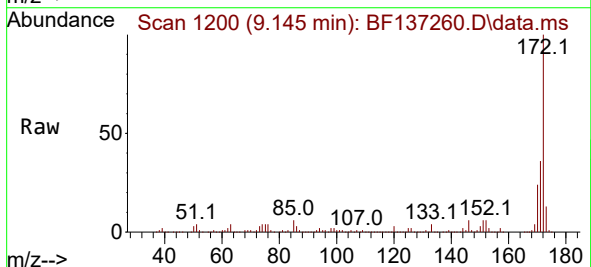
Instrument :
BNA_F
ClientSampleId :
TP-5

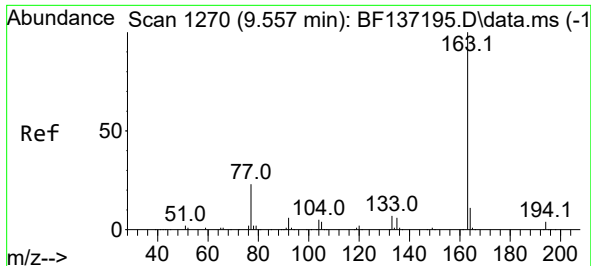
Tgt Ion:330 Resp: 115732
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 30.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 66.318 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion:172 Resp: 525187
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.9 19.1 28.7

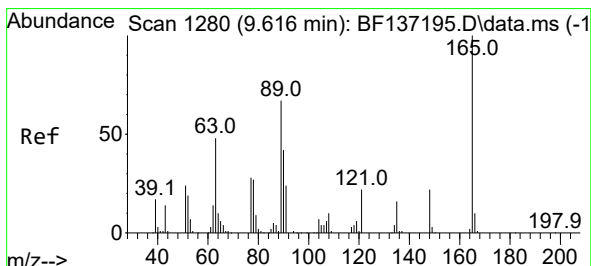
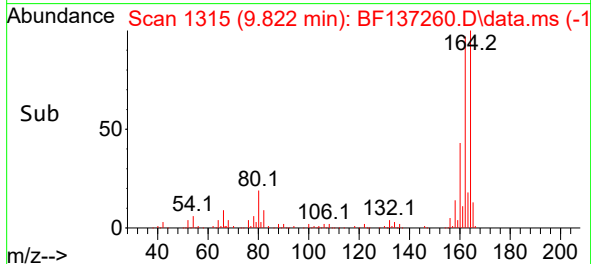
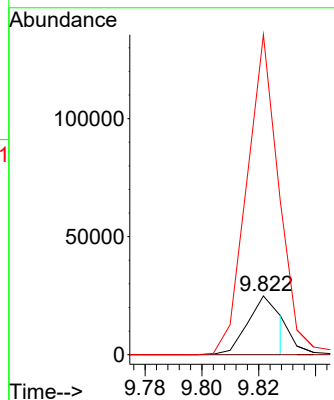
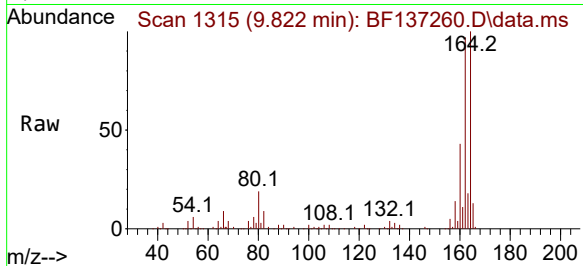




#50
Dimethylphthalate
Concen: 2.702 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

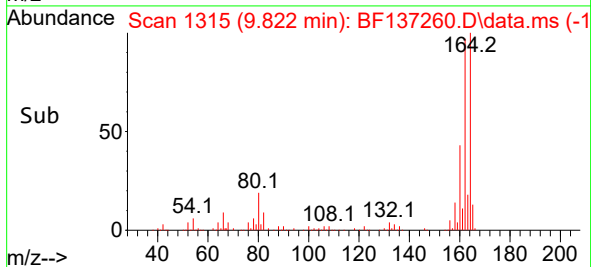
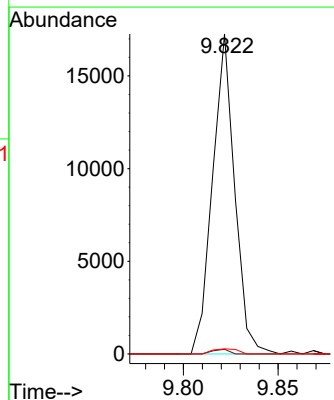
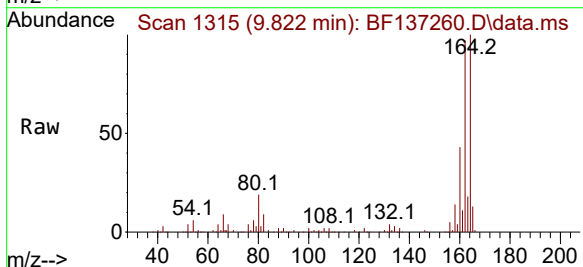
Instrument :
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ClientSampleId :
TP-5

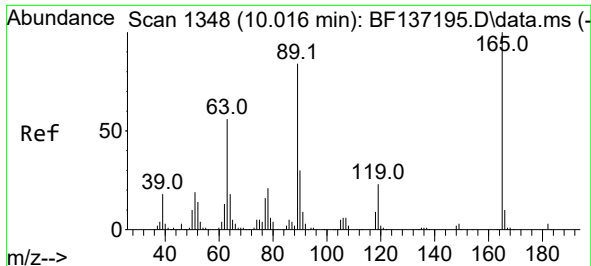
Tgt Ion:163 Resp: 19872
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 545.5 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.948 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion:165 Resp: 14033
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.6 53.5 80.3#

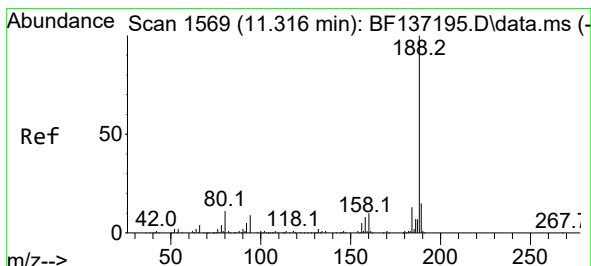
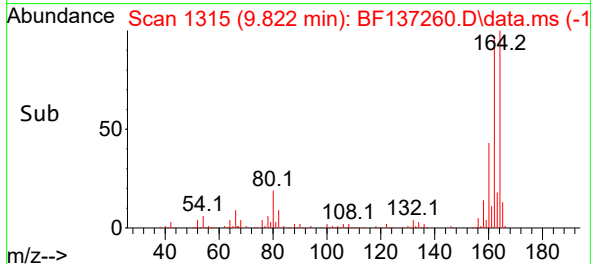
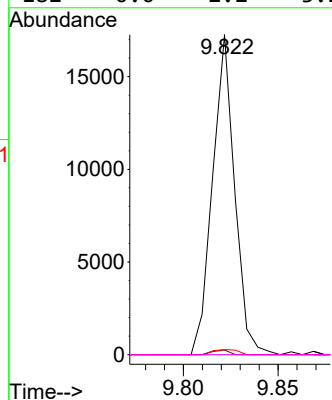
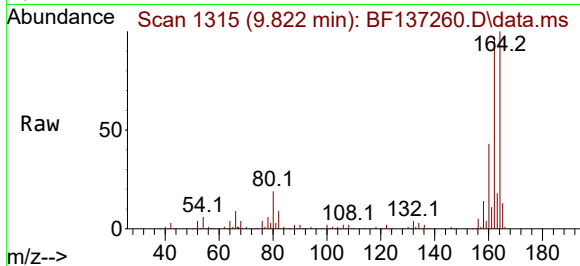




#57
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

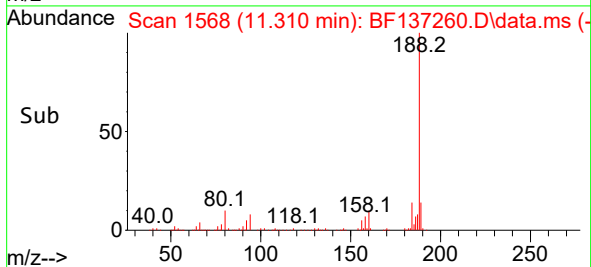
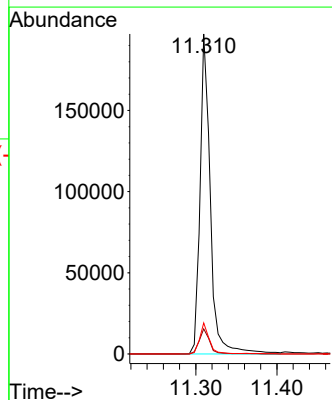
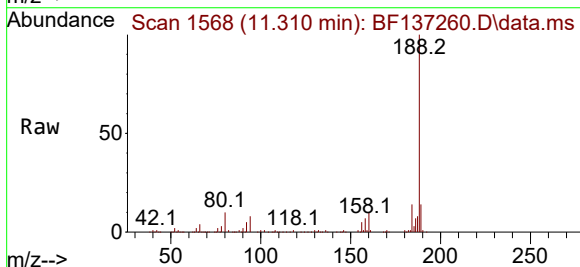
Instrument :
BNA_F
ClientSampleId :
TP-5

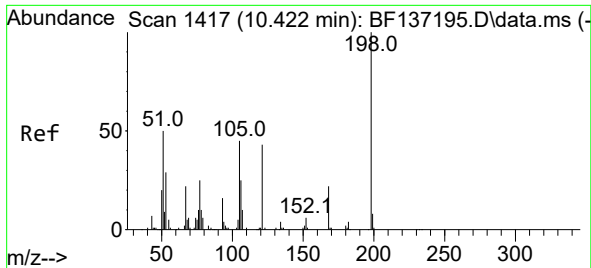
Tgt Ion:165 Resp: 14033
Ion Ratio Lower Upper
165 100
63 1.4 46.1 69.1#
89 1.6 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion:188 Resp: 174364
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 9.7 8.8 13.2

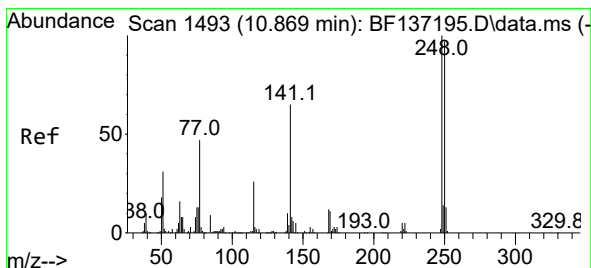
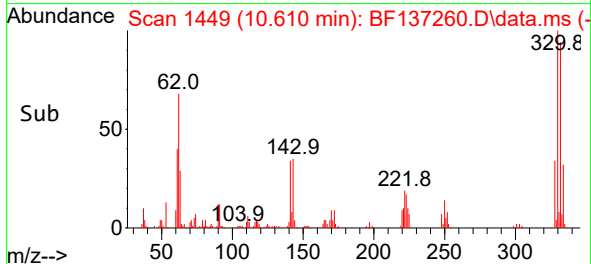
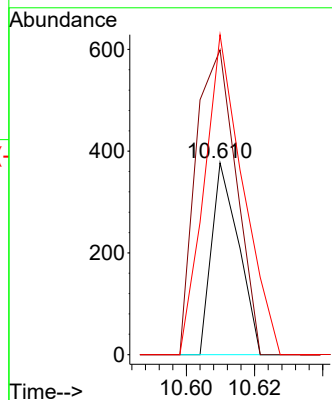
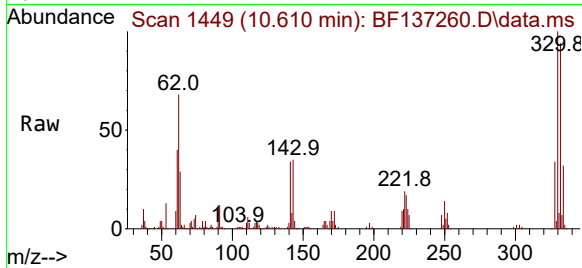




#65
4,6-Dinitro-2-methylphenol
Concen: 5.653 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

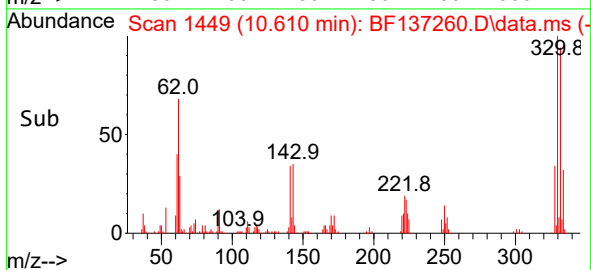
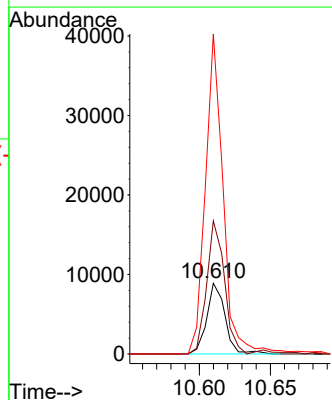
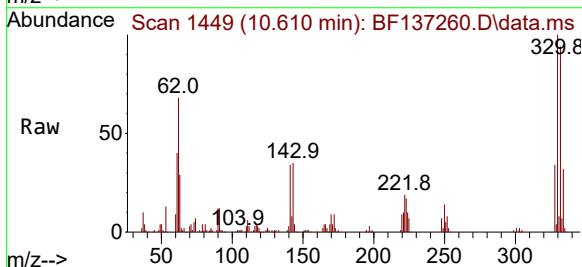
Instrument :
BNA_F
ClientSampleId :
TP-5

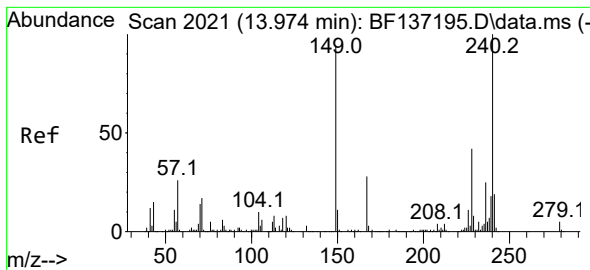
Tgt Ion:198 Resp: 207
Ion Ratio Lower Upper
198 100
51 158.9 40.9 80.9#
105 166.8 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF137260.D
Acq: 02 Feb 2024 17:47

Tgt Ion:248 Resp: 7948
Ion Ratio Lower Upper
248 100
250 188.4 77.7 116.5#
141 452.8 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137260.D

Acq: 02 Feb 2024 17:47

Instrument :

BNA_F

ClientSampleId :

TP-5

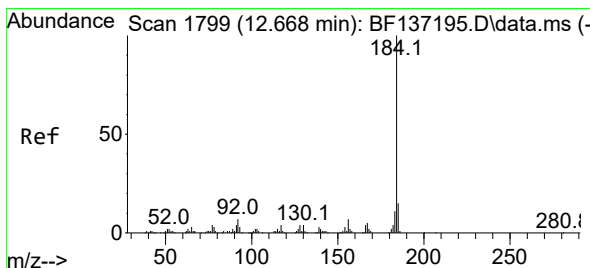
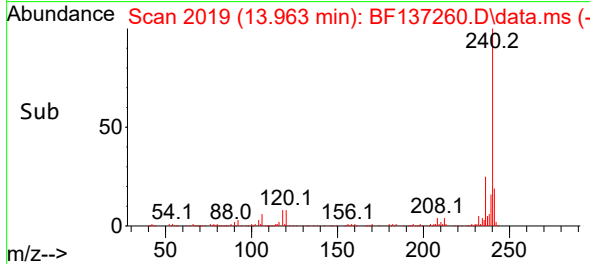
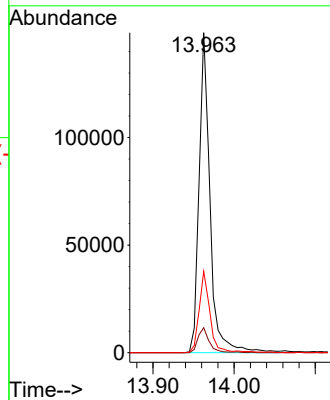
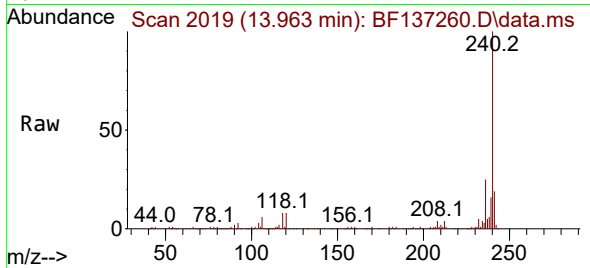
Tgt Ion:240 Resp: 140049

Ion Ratio Lower Upper

240 100

120 7.8 6.3 9.5

236 25.5 20.3 30.5



#77

Benzidine

Concen: 2.520 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137260.D

Acq: 02 Feb 2024 17:47

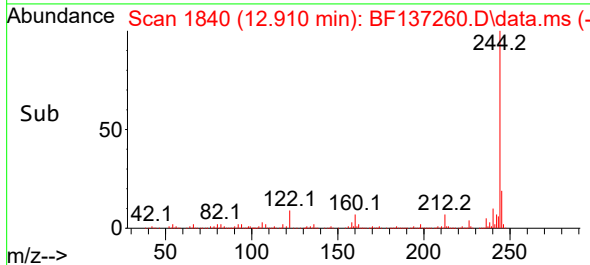
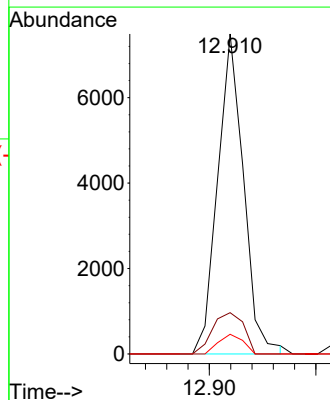
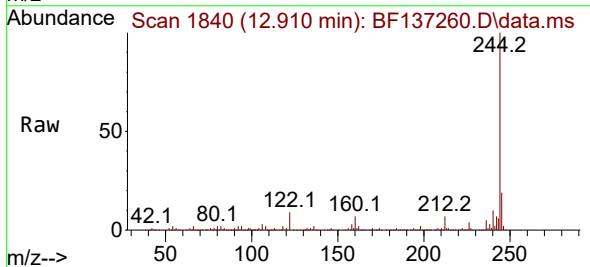
Tgt Ion:184 Resp: 6319

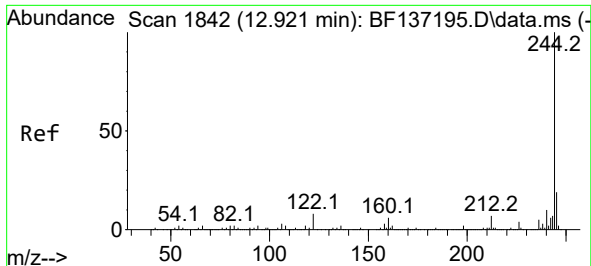
Ion Ratio Lower Upper

184 100

185 12.9 11.9 17.9

183 6.1 8.8 13.2#

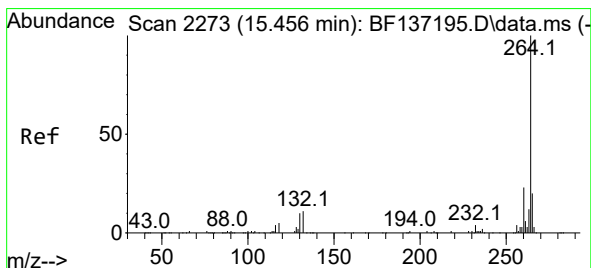
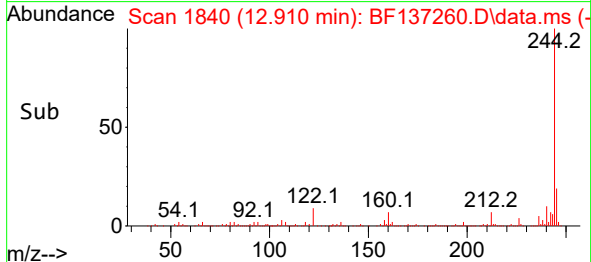
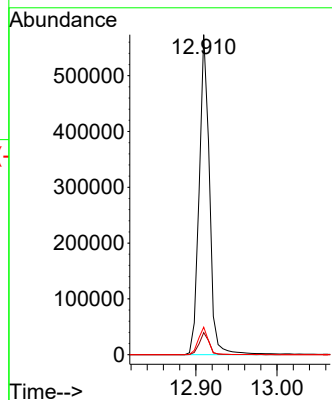
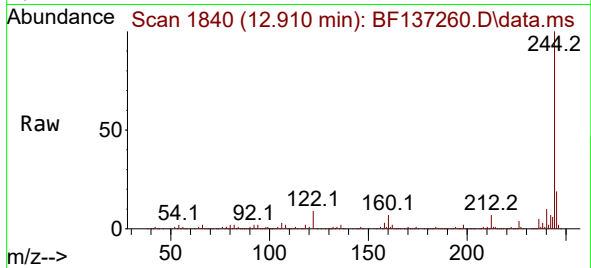




#79
 Terphenyl-d14
 Concen: 49.315 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137260.D
 Acq: 02 Feb 2024 17:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 508044
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137260.D
 Acq: 02 Feb 2024 17:47

Tgt Ion:264 Resp: 107800
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.4
 265 19.6 16.2 24.2

