

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137261.D
 Acq On : 02 Feb 2024 18:17
 Operator : CG\JU
 Sample : P1337-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Feb 02 22:43:41 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)

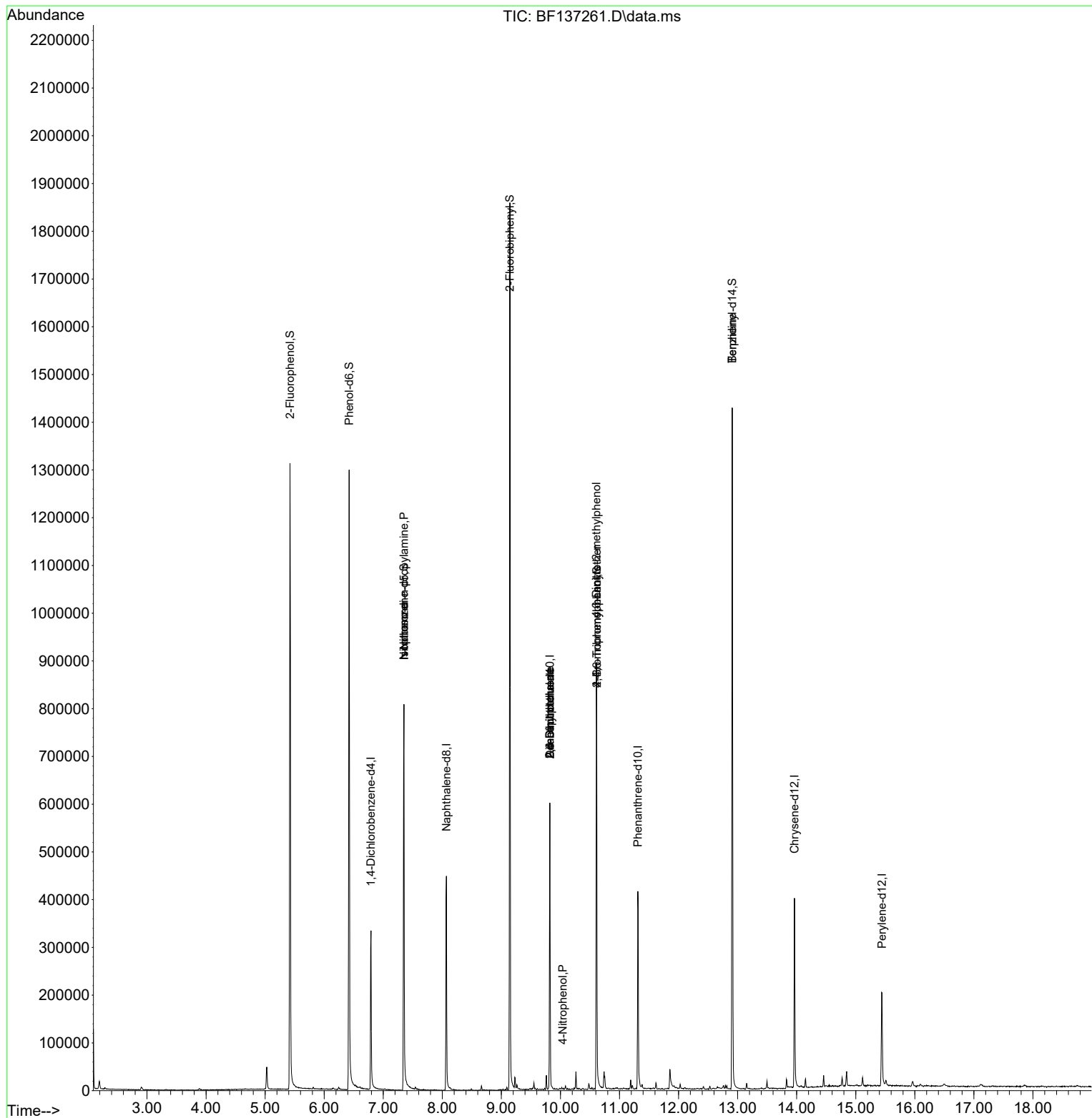
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	53440	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	204904	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	112861	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	177326	20.000	ng	0.00
76) Chrysene-d12	13.962	240	139183	20.000	ng	-0.01
86) Perylene-d12	15.445	264	107674	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	336756	103.981	ng	0.00
7) Phenol-d6	6.422	99	433096	93.706	ng	0.00
23) Nitrobenzene-d5	7.351	82	286329	62.563	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	107794	84.571	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	523859	63.807	ng	0.00
79) Terphenyl-d14	12.910	244	496280	48.473	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	36779	11.606	ng	# 77
25) Isophorone	7.351	82	286325	33.894	ng	# 67
50) Dimethylphthalate	9.822	163	19814	2.599	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14609	8.985	ng	# 17
56) 4-Nitrophenol	10.039	139	78	8.575	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	14609	6.925	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.610	198	371	5.805	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	7600	3.898	ng	# 1
77) Benzidine	12.910	184	6173	2.477	ng	# 96

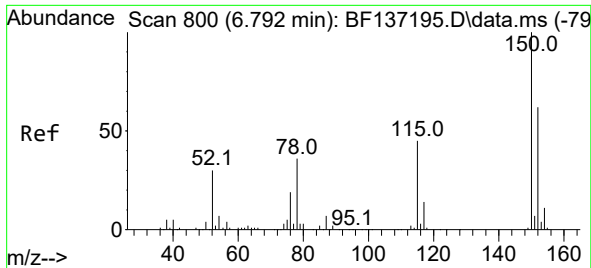
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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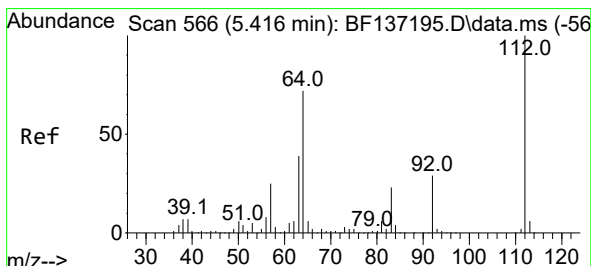
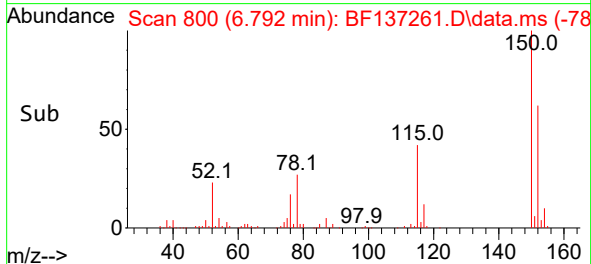
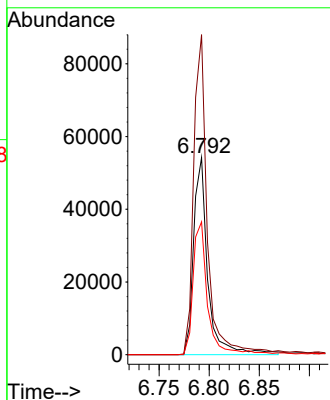
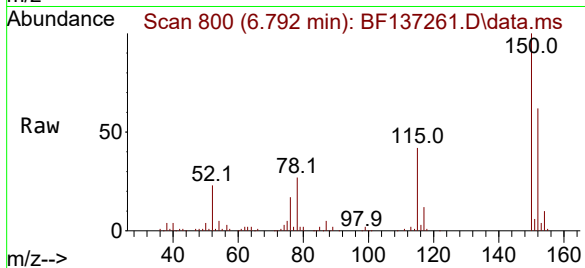




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

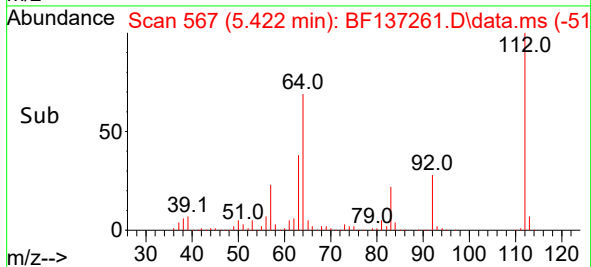
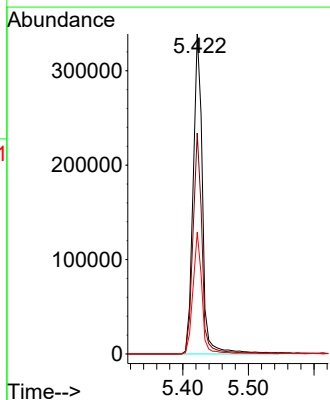
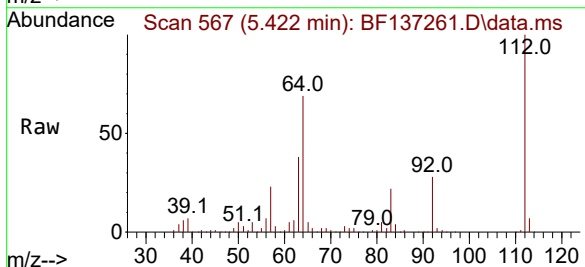
Instrument :
BNA_F
ClientSampleId :
TP-6

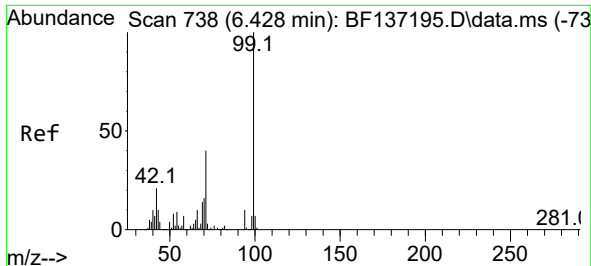
Tgt Ion:152 Resp: 53440
Ion Ratio Lower Upper
152 100
150 162.4 129.8 194.8
115 67.4 58.5 87.7



#5
2-Fluorophenol
Concen: 103.981 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion:112 Resp: 336756
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 38.0 31.4 47.0

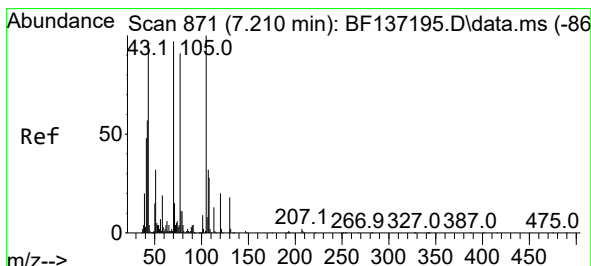
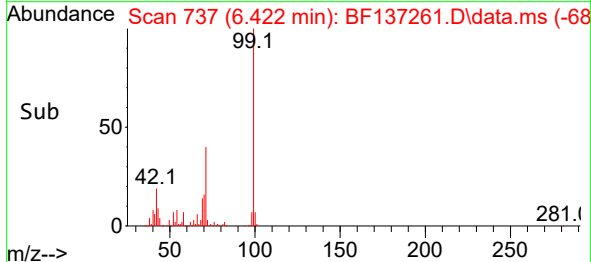
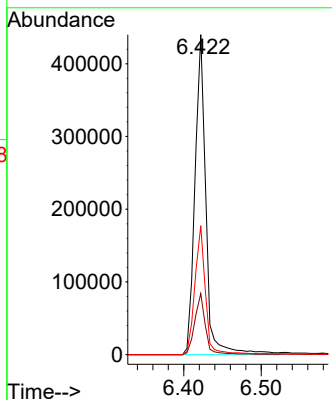
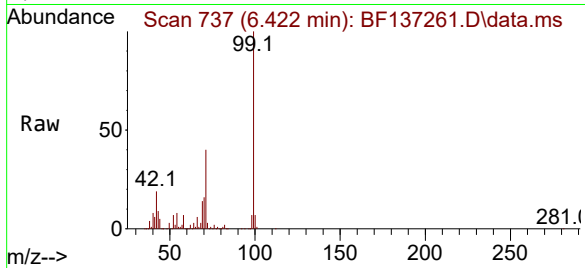




#7
Phenol-d6
Concen: 93.706 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

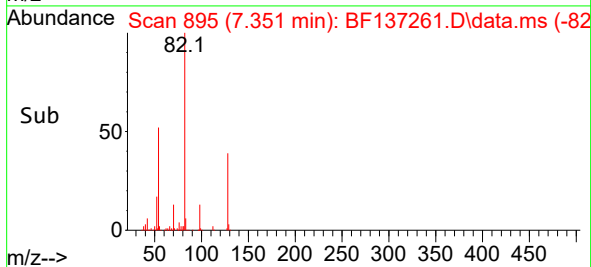
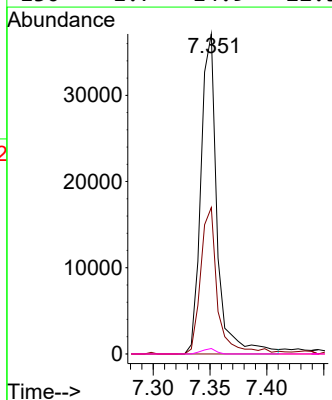
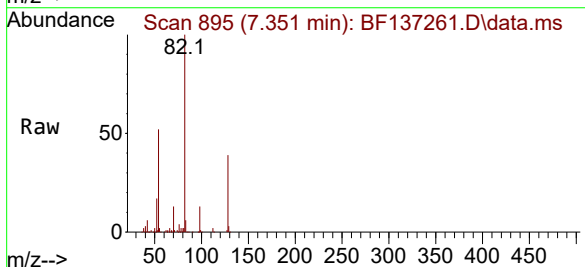
Instrument :
BNA_F
ClientSampleId :
TP-6

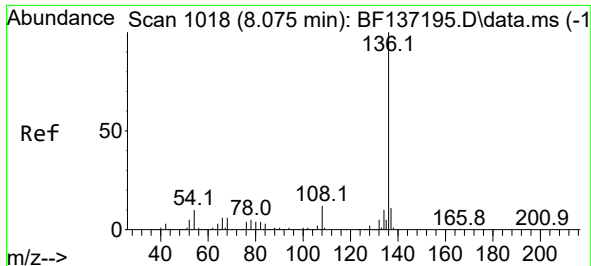
Tgt Ion: 99 Resp: 433096
Ion Ratio Lower Upper
99 100
42 19.1 16.4 24.6
71 40.3 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.606 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion: 70 Resp: 36779
Ion Ratio Lower Upper
70 100
42 45.7 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#



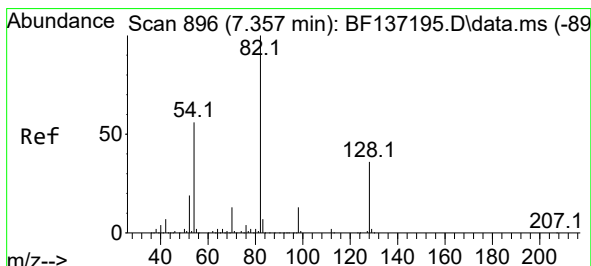
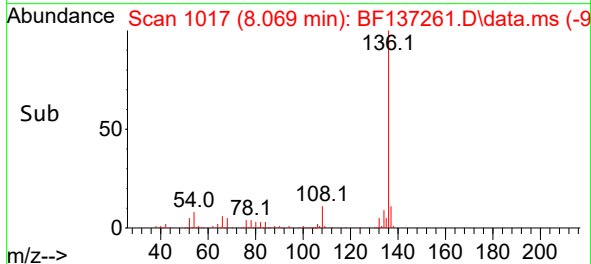
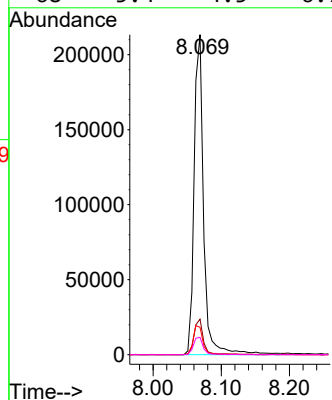
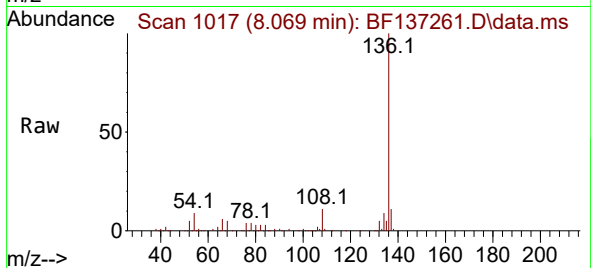


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 204904

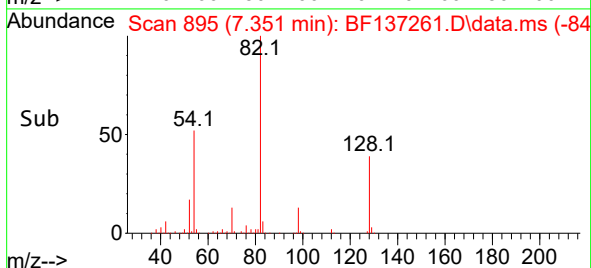
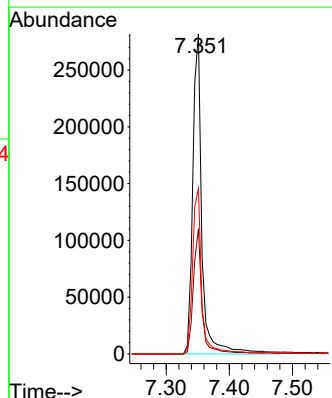
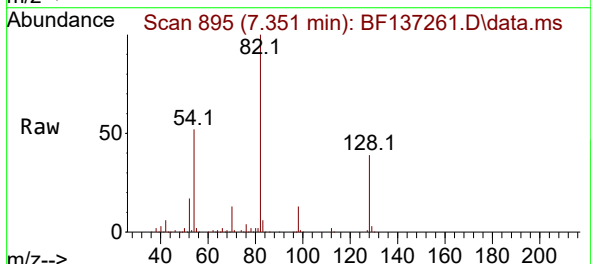
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.8	11.8
68	5.4	4.5	6.7

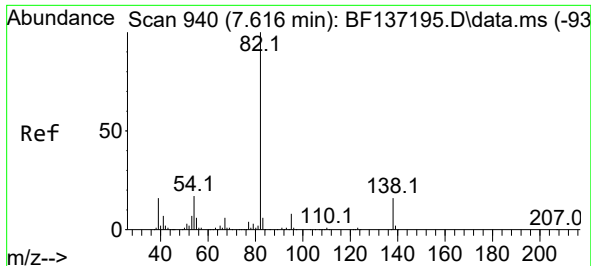


#23
Nitrobenzene-d5
Concen: 62.563 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion: 82 Resp: 286329

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.1	43.7
54	51.8	45.0	67.6

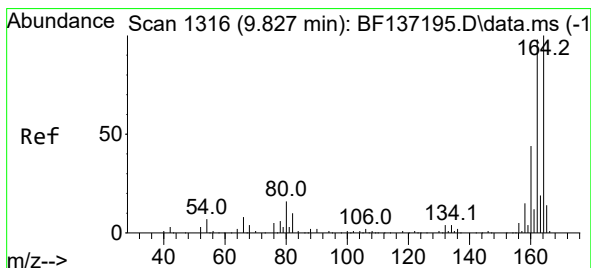
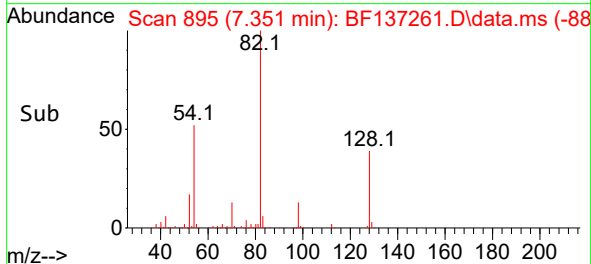
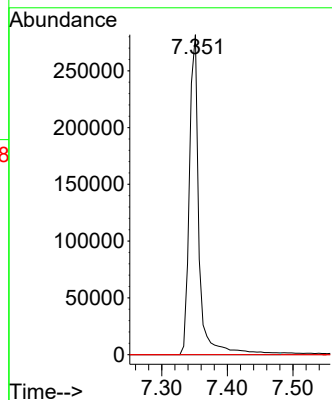
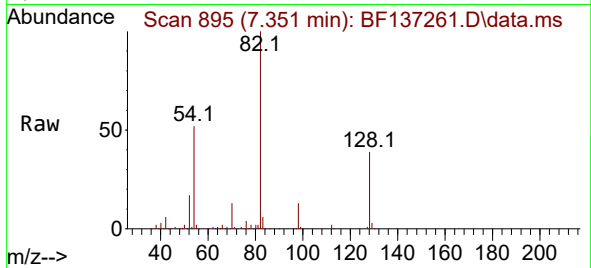




#25
Isophorone
Concen: 33.894 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

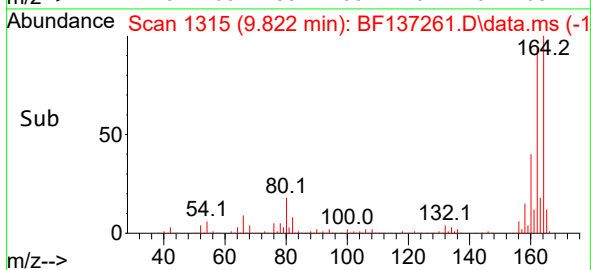
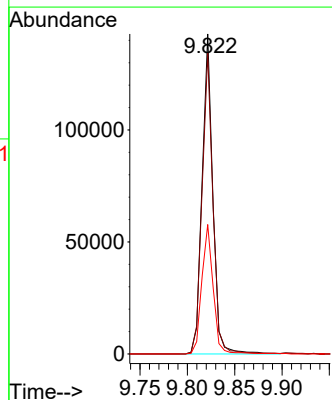
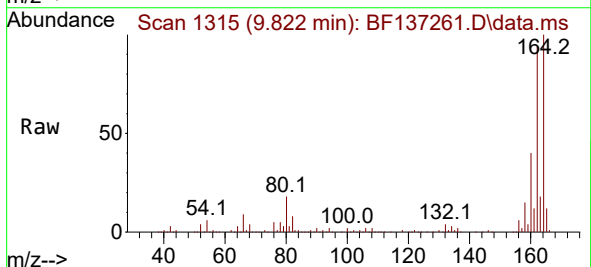
Instrument :
BNA_F
ClientSampleId :
TP-6

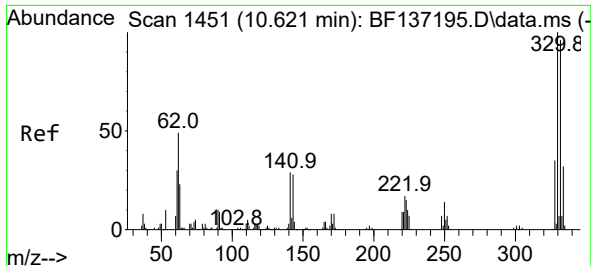
Tgt Ion: 82 Resp: 286325
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

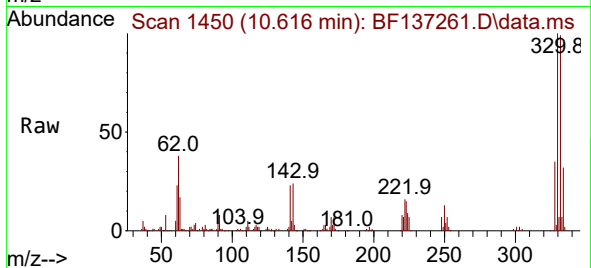
Tgt Ion:164 Resp: 112861
Ion Ratio Lower Upper
164 100
162 94.0 78.3 117.5
160 40.4 35.4 53.2



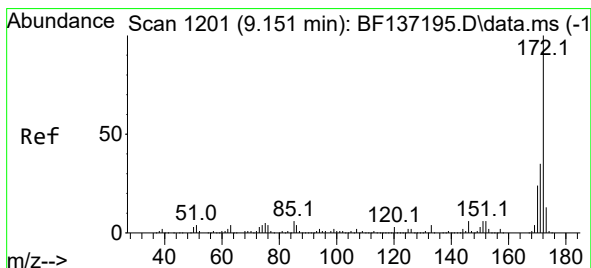
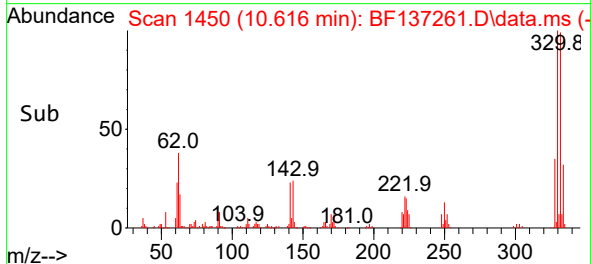
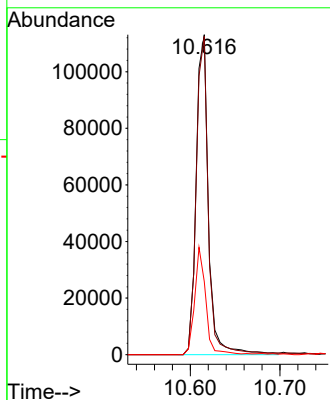


#42
2,4,6-Tribromophenol
Concen: 84.571 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Instrument :
BNA_F
ClientSampleId :
TP-6

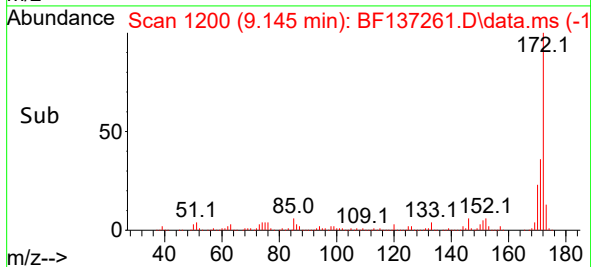
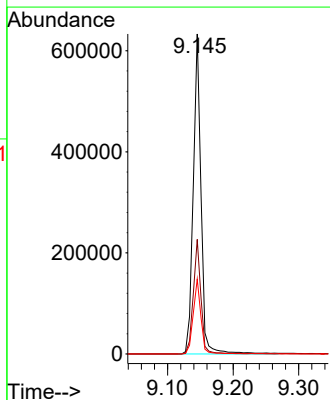
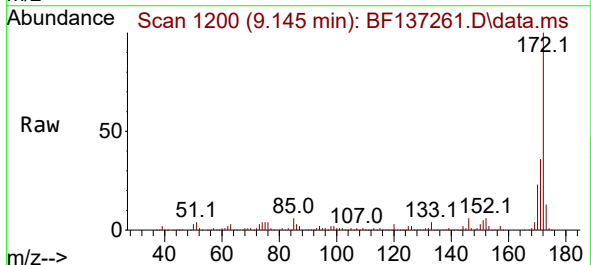


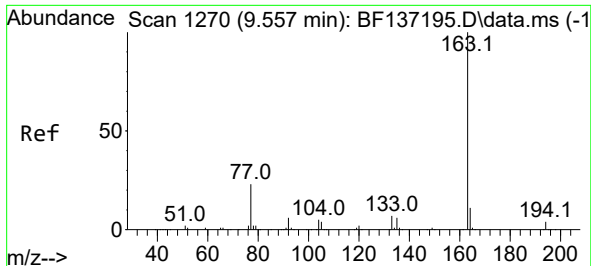
Tgt Ion:330 Resp: 107794
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 30.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 63.807 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion:172 Resp: 523859
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 19.1 28.7

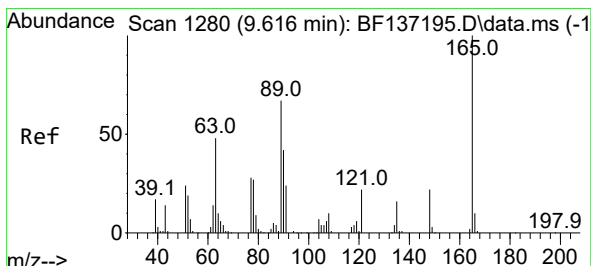
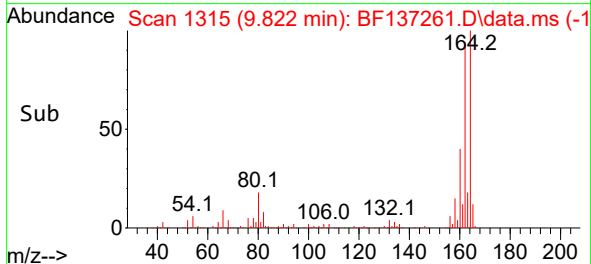
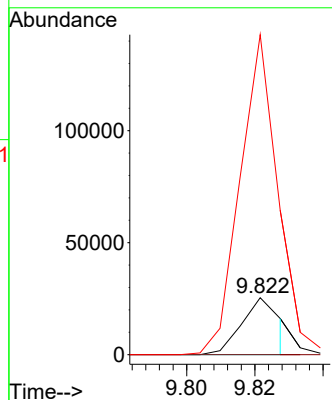
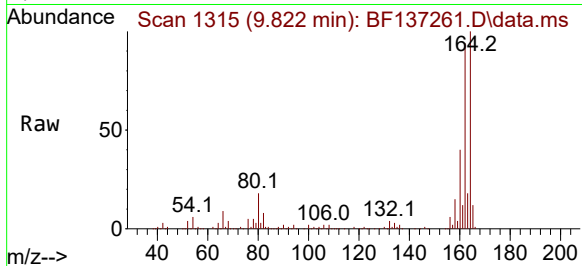




#50
Dimethylphthalate
Concen: 2.599 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

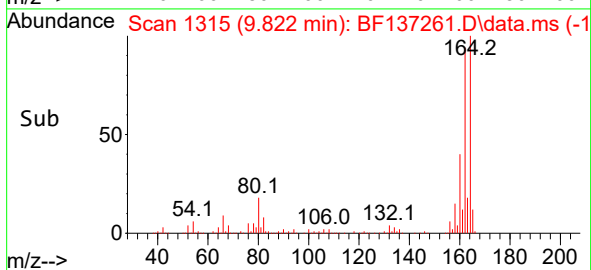
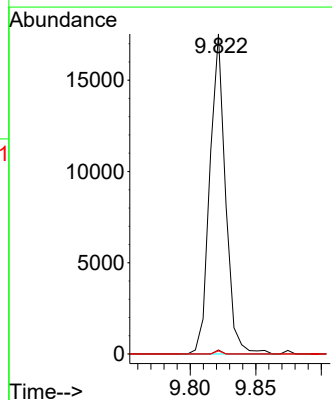
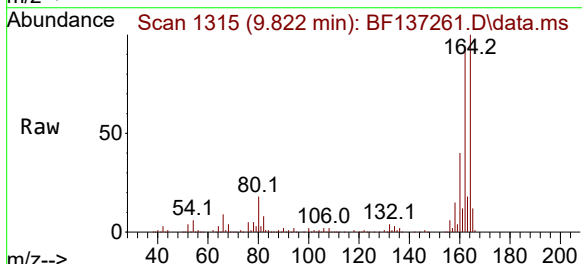
Instrument :
BNA_F
ClientSampleId :
TP-6

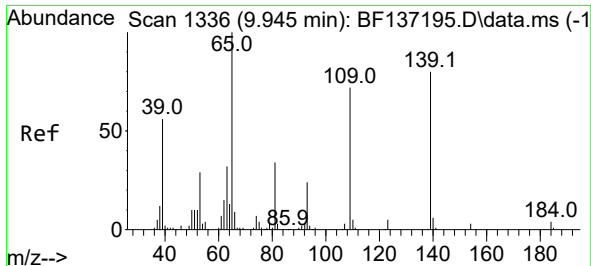
Tgt Ion:163 Resp: 19814
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 562.4 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.985 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion:165 Resp: 14609
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 1.0 53.5 80.3#

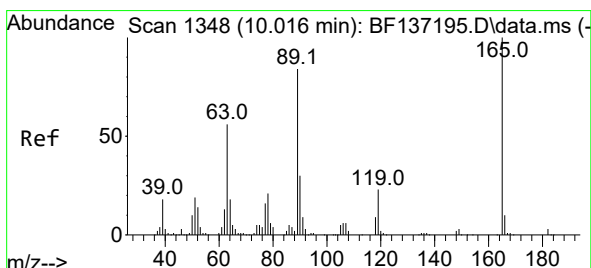
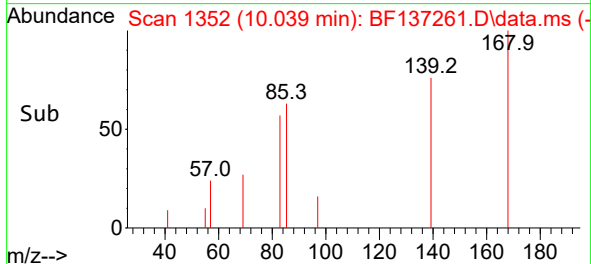
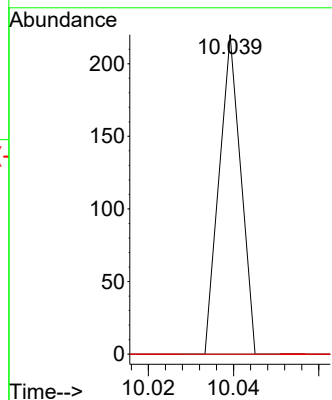
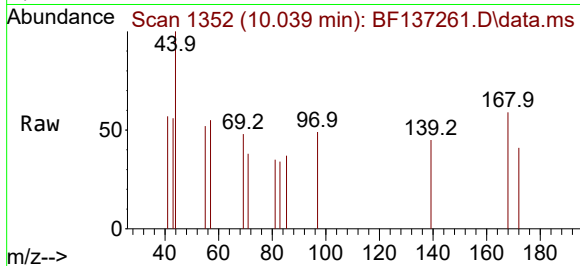




#56
4-Nitrophenol
Concen: 8.575 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

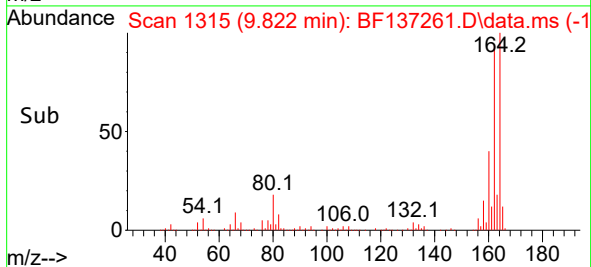
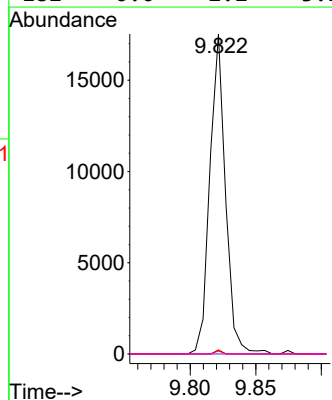
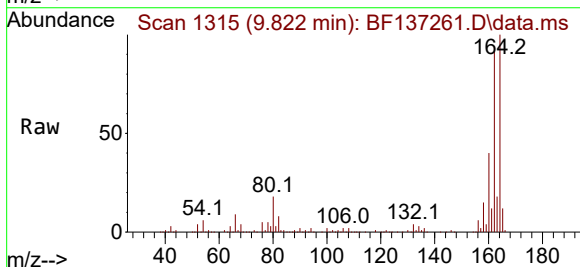
Instrument :
BNA_F
ClientSampleId :
TP-6

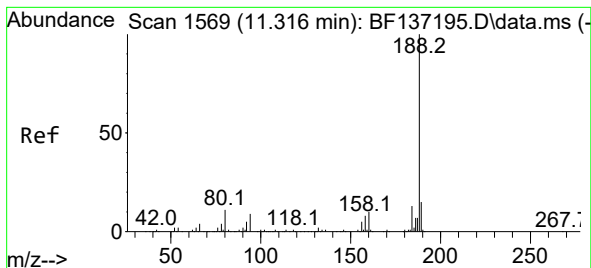
Tgt Ion:139 Resp: 78
Ion Ratio Lower Upper
139 100
109 0.0 70.4 110.4#
65 0.0 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion:165 Resp: 14609
Ion Ratio Lower Upper
165 100
63 1.3 46.1 69.1#
89 1.0 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: BF137261.D

Acq: 02 Feb 2024 18:17

Instrument :

BNA_F

ClientSampleId :

TP-6

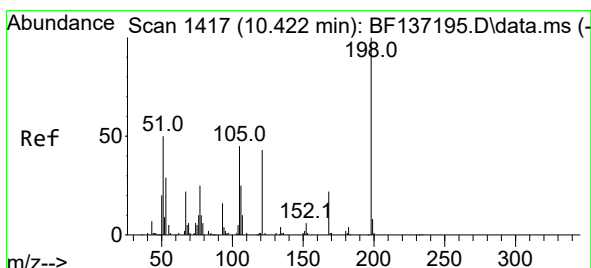
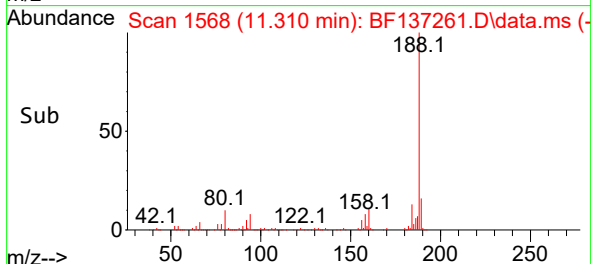
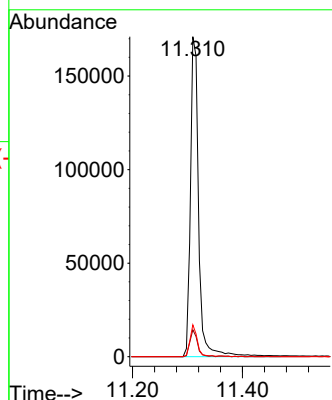
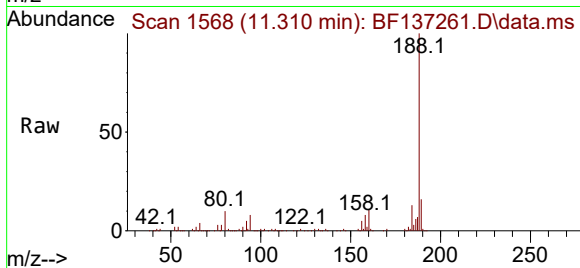
Tgt Ion:188 Resp: 177326

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.9 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.805 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.188 min

Lab File: BF137261.D

Acq: 02 Feb 2024 18:17

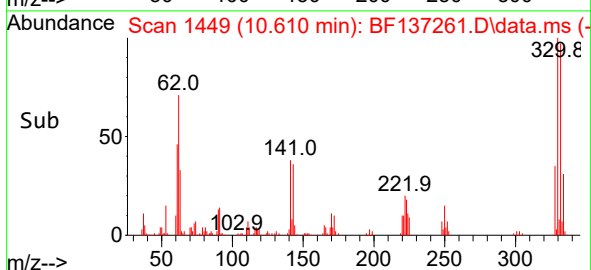
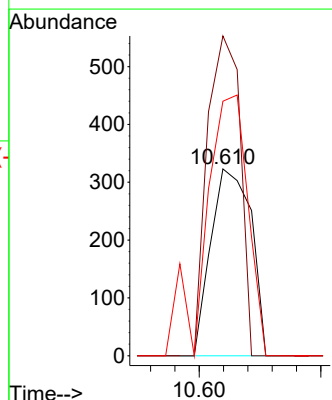
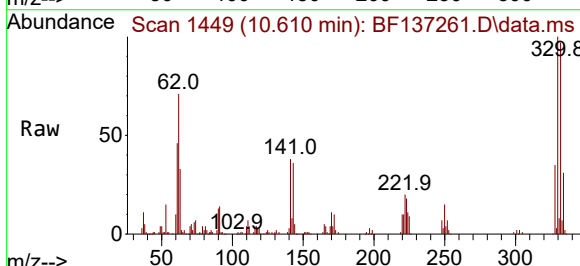
Tgt Ion:198 Resp: 371

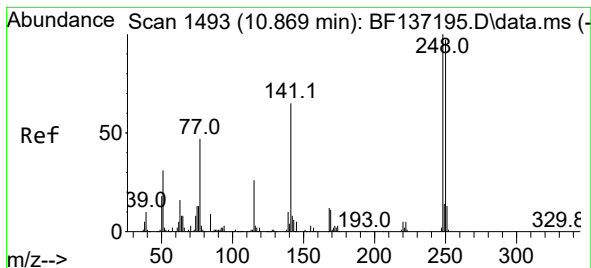
Ion Ratio Lower Upper

198 100

51 171.2 40.9 80.9#

105 136.2 26.5 66.5#

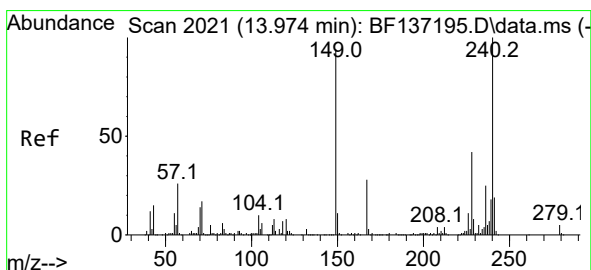
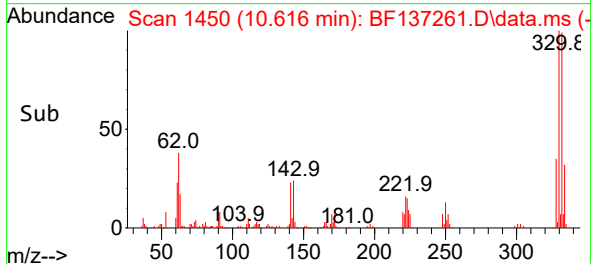
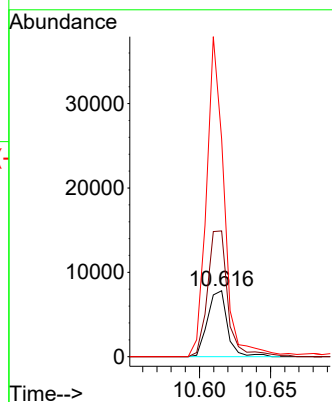
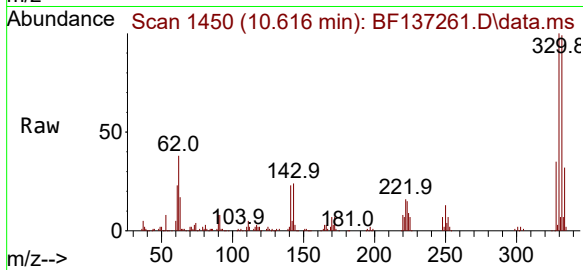




#67
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 10.616 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

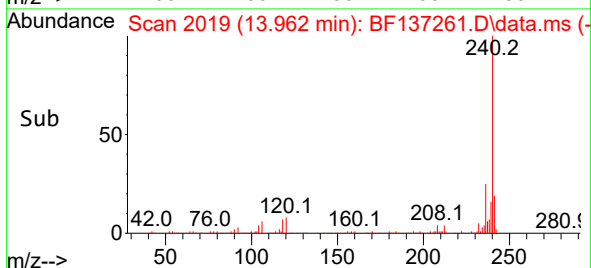
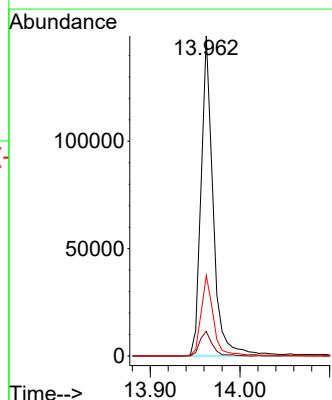
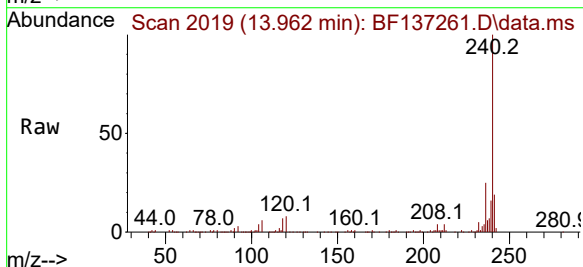
Instrument :
BNA_F
ClientSampleId :
TP-6

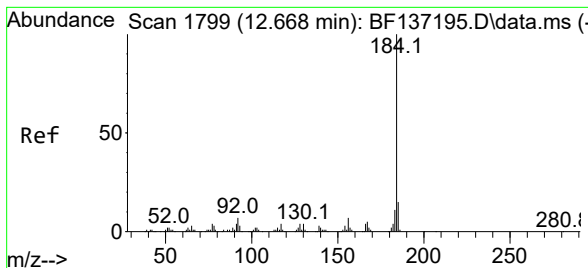
Tgt Ion:248 Resp: 7600
Ion Ratio Lower Upper
248 100
250 190.8 77.7 116.5#
141 330.4 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137261.D
Acq: 02 Feb 2024 18:17

Tgt Ion:240 Resp: 139183
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.2 20.3 30.5





#77

Benzidine

Concen: 2.477 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137261.D

Acq: 02 Feb 2024 18:17

Instrument :

BNA_F

ClientSampleId :

TP-6

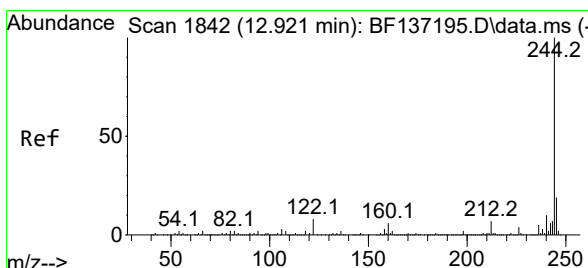
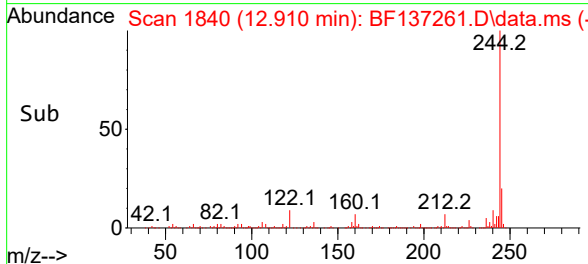
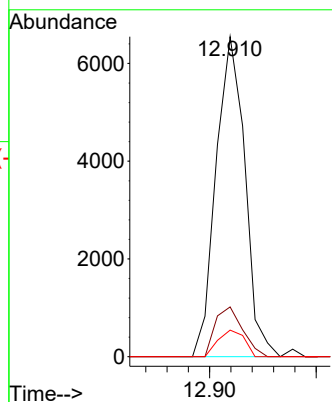
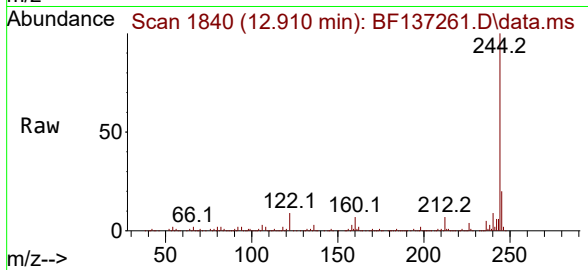
Tgt Ion:184 Resp: 6173

Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 8.3 8.8 13.2#



#79

Terphenyl-d14

Concen: 48.473 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137261.D

Acq: 02 Feb 2024 18:17

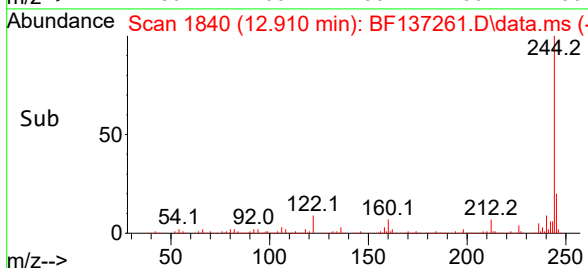
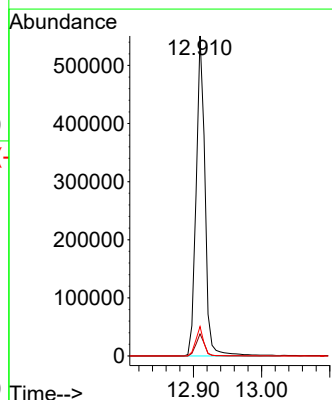
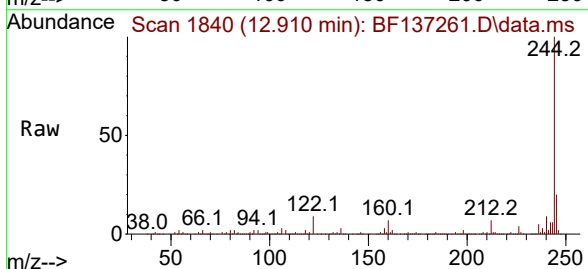
Tgt Ion:244 Resp: 496280

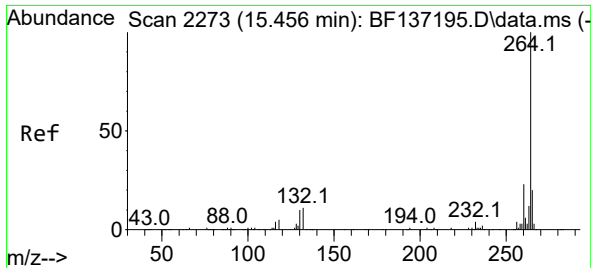
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.2 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: BF137261.D
 Acq: 02 Feb 2024 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:264 Resp: 107674
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 21.4 16.2 24.2

