

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137259.D
 Acq On : 02 Feb 2024 17:17
 Operator : CG\JU
 Sample : P1337-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 02 17:42:22 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)

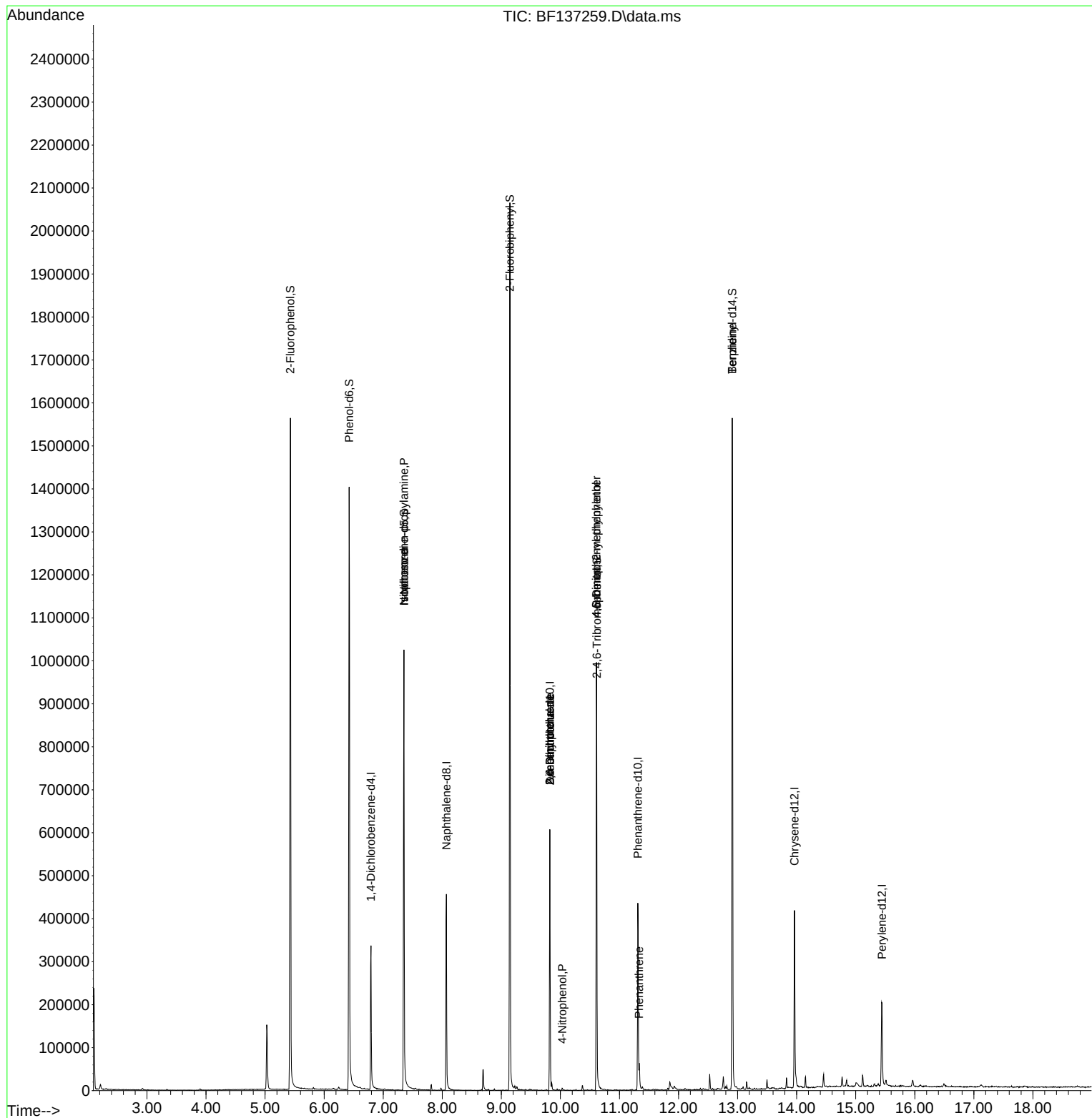
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	51311	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	206723	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	110445	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	176109	20.000	ng	0.00
76) Chrysene-d12	13.963	240	146340	20.000	ng	-0.01
86) Perylene-d12	15.445	264	110113	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	395828	127.292	ng	0.01
7) Phenol-d6	6.422	99	520205	117.224	ng	0.00
23) Nitrobenzene-d5	7.351	82	346213	74.982	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	123020	98.628	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	586111	72.951	ng	0.00
79) Terphenyl-d14	12.910	244	568074	52.772	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	45693	15.017	ng	# 78
25) Isophorone	7.351	82	346211	40.623	ng	# 67
50) Dimethylphthalate	9.822	163	20018	2.683	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14229	8.943	ng	# 18
56) 4-Nitrophenol	10.033	139	1231	9.316	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	14229	6.892	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.610	198	297	5.737	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	8511	4.395	ng	# 1
71) Phenanthrene	11.333	178	21672	2.351	ng	97
77) Benzidine	12.910	184	7179	2.740	ng	# 95

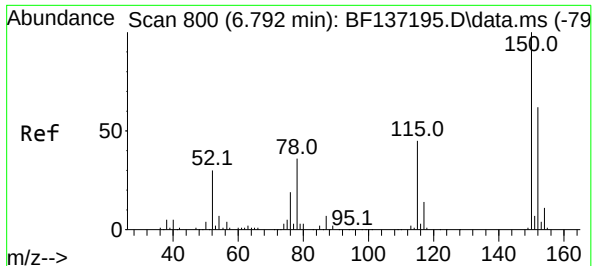
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
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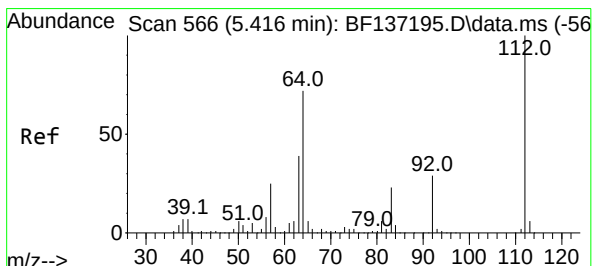
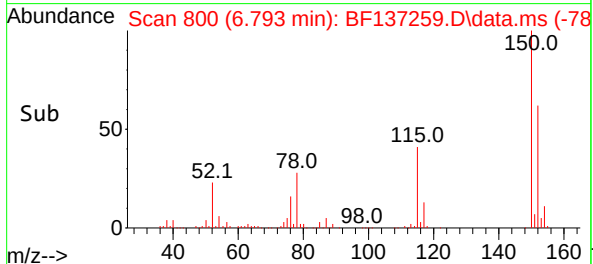
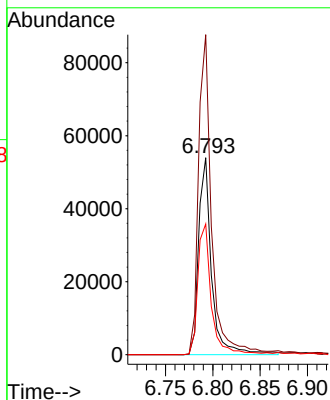
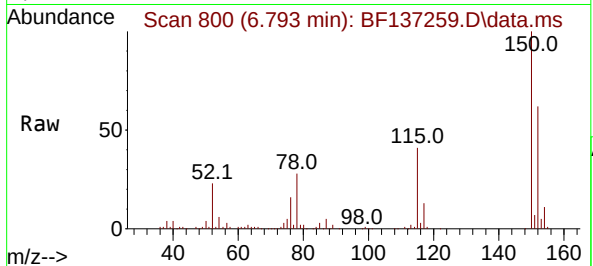




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

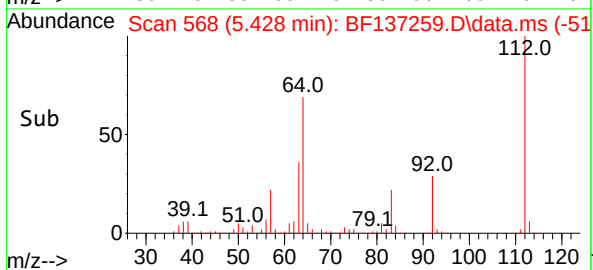
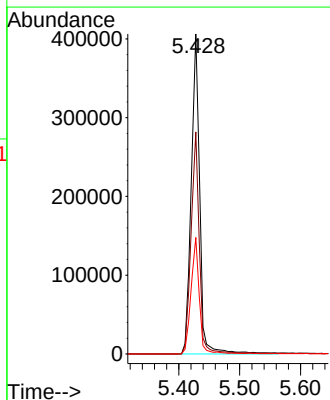
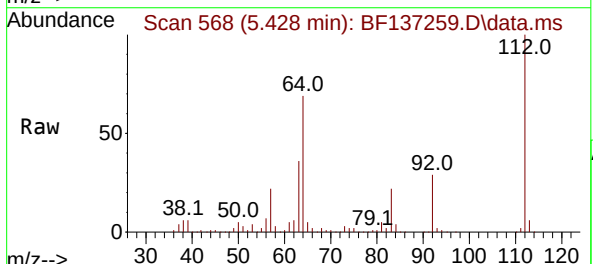
Instrument :
BNA_F
ClientSampleId :
TP-4

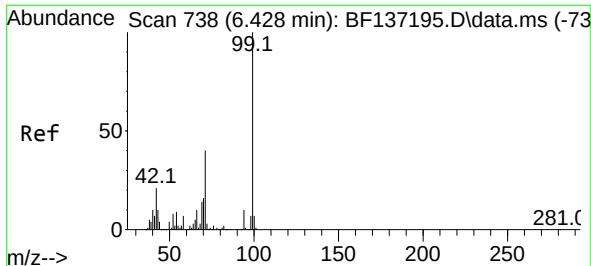
Tgt Ion:152 Resp: 51311
Ion Ratio Lower Upper
152 100
150 162.5 129.8 194.8
115 66.4 58.5 87.7



#5
2-Fluorophenol
Concen: 127.292 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:112 Resp: 395828
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.6
63 36.4 31.4 47.0

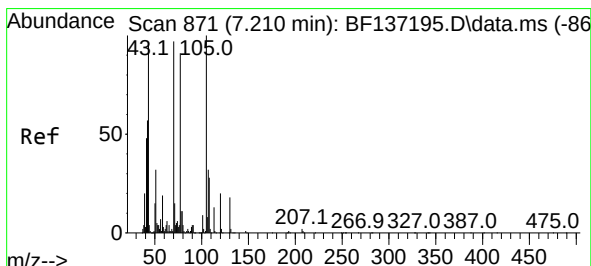
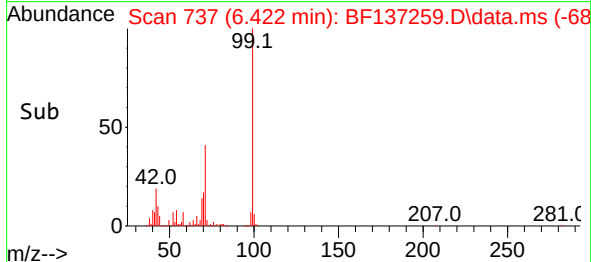
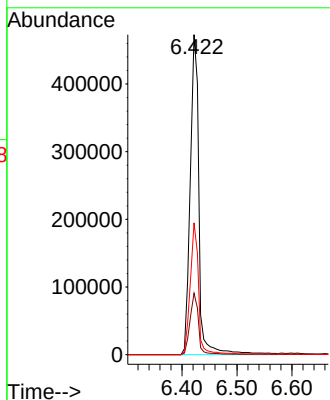
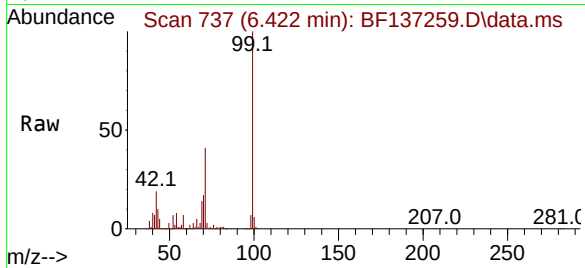




#7
Phenol-d6
Concen: 117.224 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

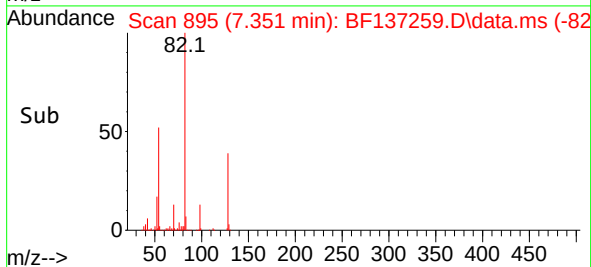
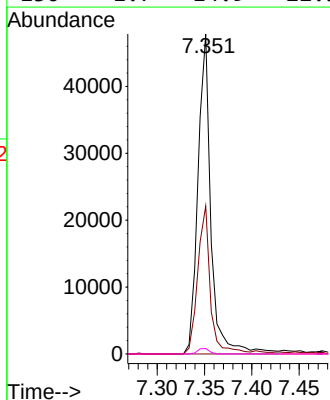
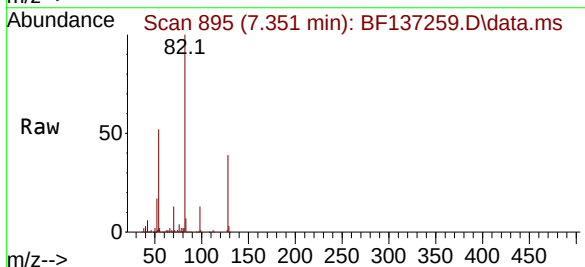
Instrument :
BNA_F
ClientSampleId :
TP-4

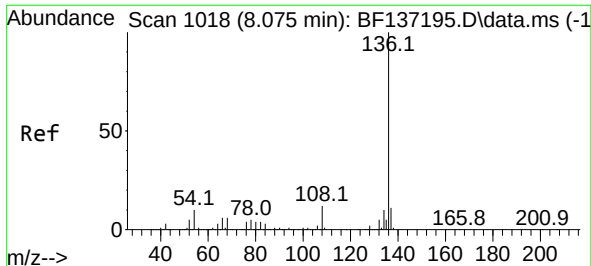
Tgt Ion: 99 Resp: 520205
Ion Ratio Lower Upper
99 100
42 19.2 16.4 24.6
71 41.2 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.017 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 70 Resp: 45693
Ion Ratio Lower Upper
70 100
42 46.3 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#

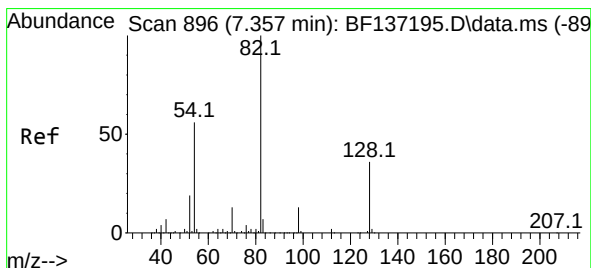
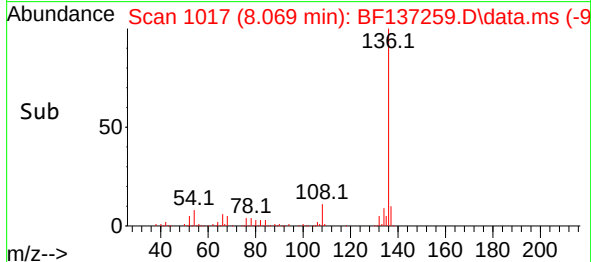
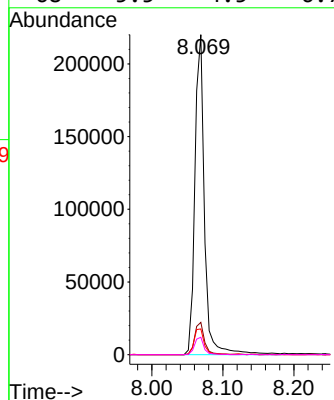
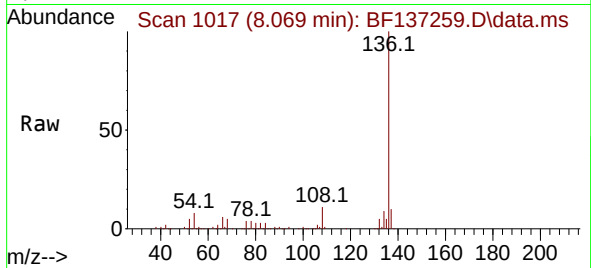




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

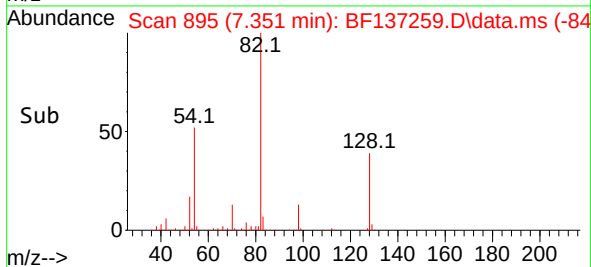
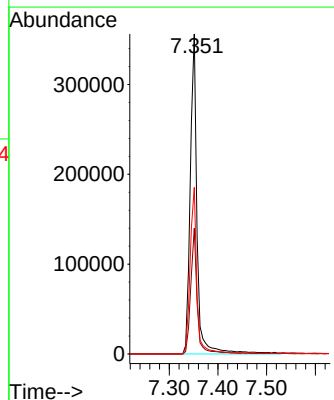
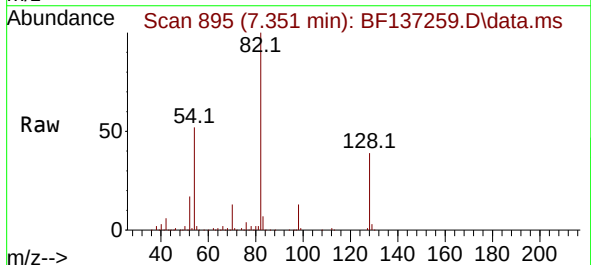
Instrument :
BNA_F
ClientSampleId :
TP-4

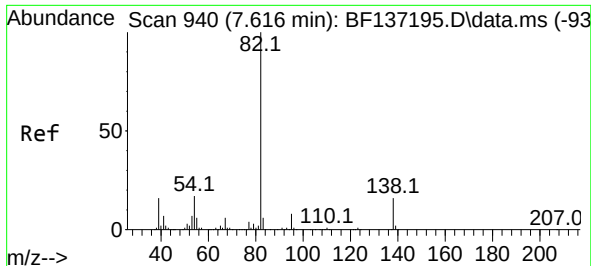
Tgt Ion:136 Resp: 206723
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 8.0 7.8 11.8
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 74.982 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion: 82 Resp: 346213
Ion Ratio Lower Upper
82 100
128 39.2 29.1 43.7
54 52.1 45.0 67.6

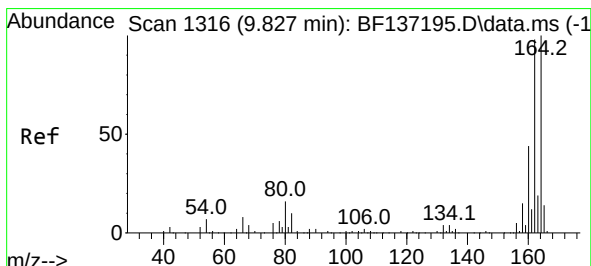
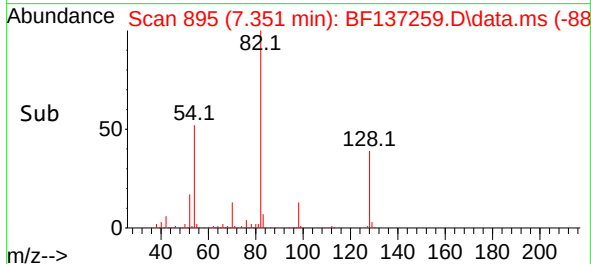
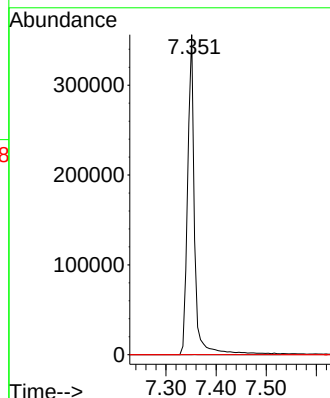
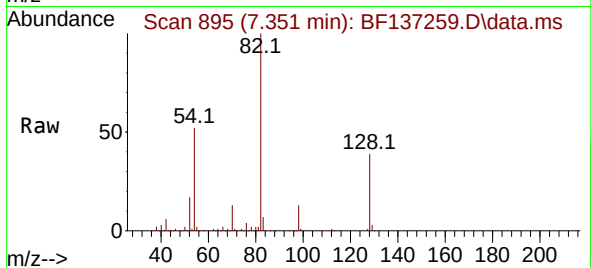




#25
Isophorone
Concen: 40.623 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

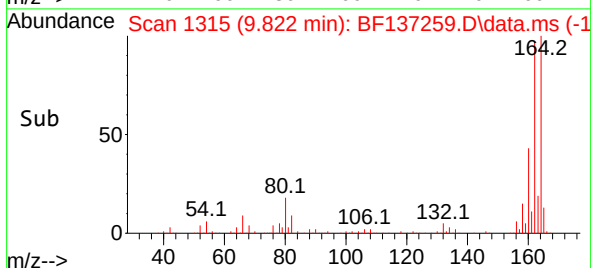
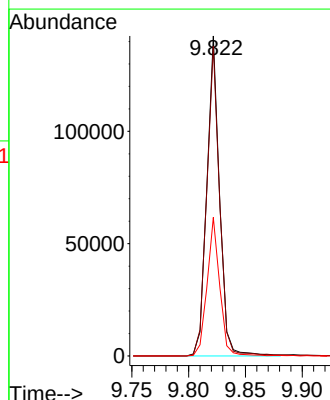
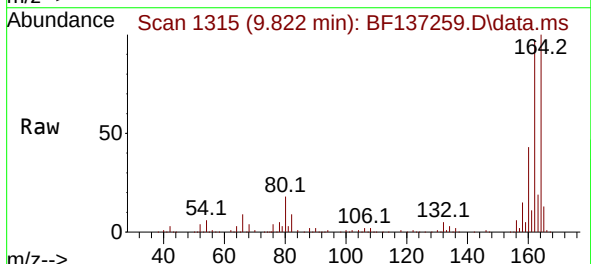
Instrument :
BNA_F
ClientSampleId :
TP-4

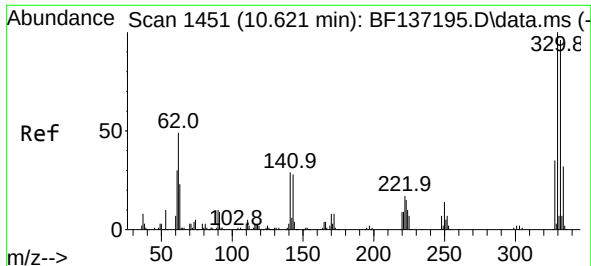
Tgt Ion: 82 Resp: 346211
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:164 Resp: 110445
Ion Ratio Lower Upper
164 100
162 96.8 78.3 117.5
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 98.628 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137259.D

Acq: 02 Feb 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-4

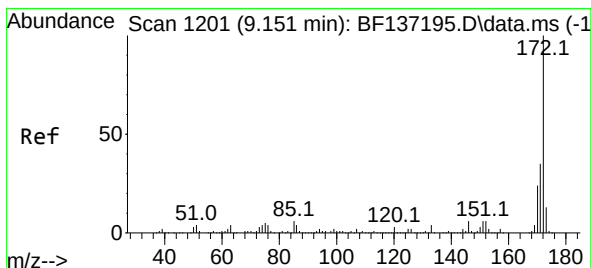
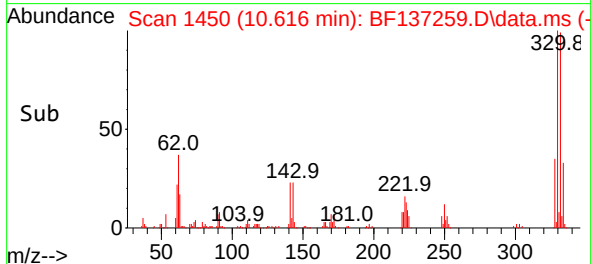
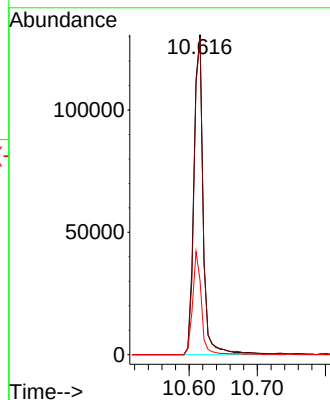
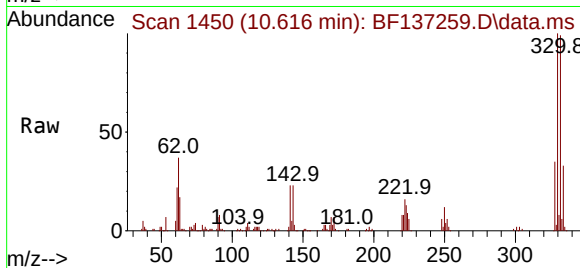
Tgt Ion:330 Resp: 123020

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 30.5 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 72.951 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137259.D

Acq: 02 Feb 2024 17:17

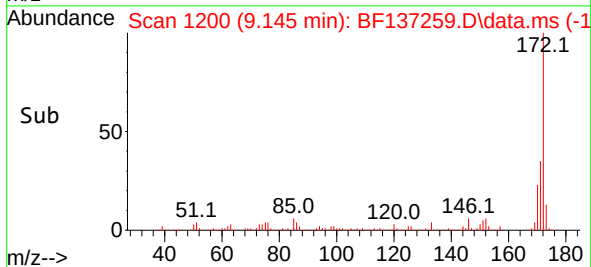
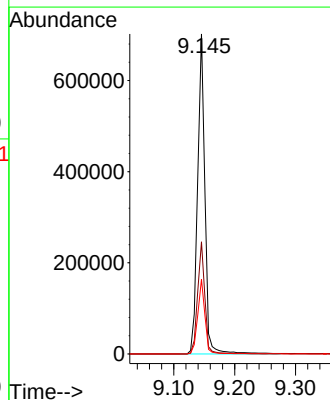
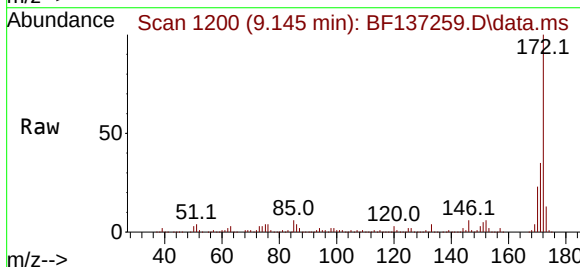
Tgt Ion:172 Resp: 586111

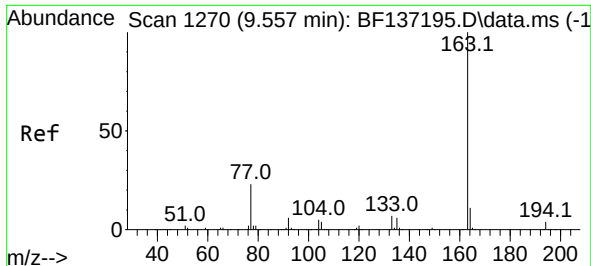
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.1 28.7

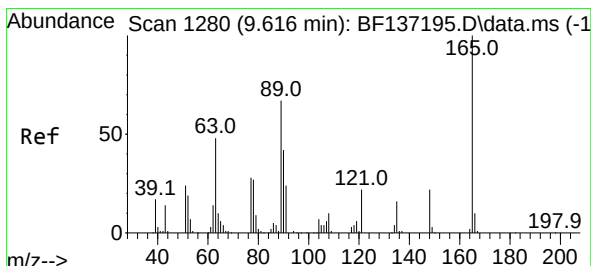
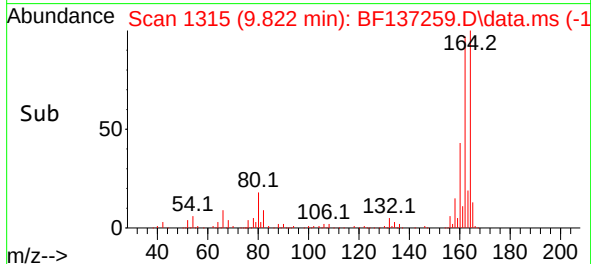
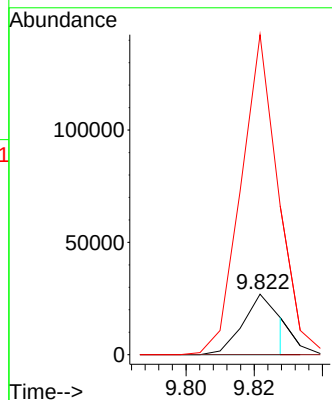
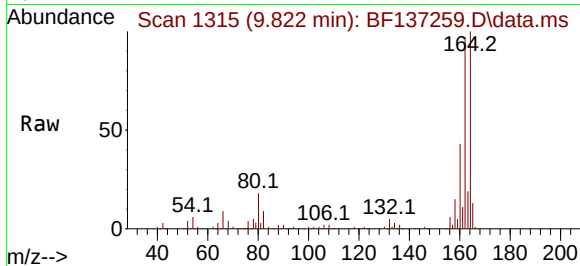




#50
Dimethylphthalate
Concen: 2.683 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

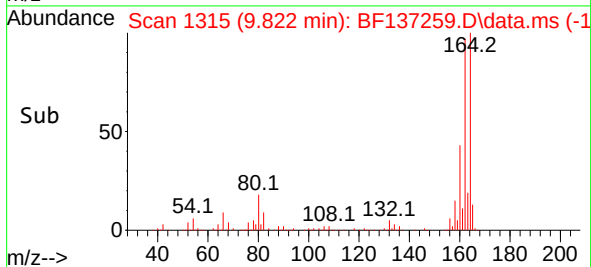
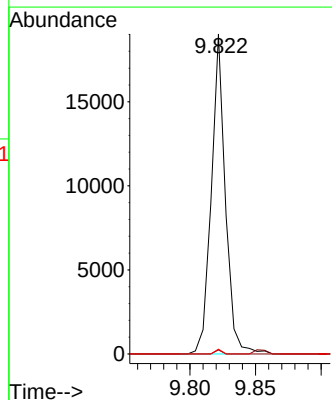
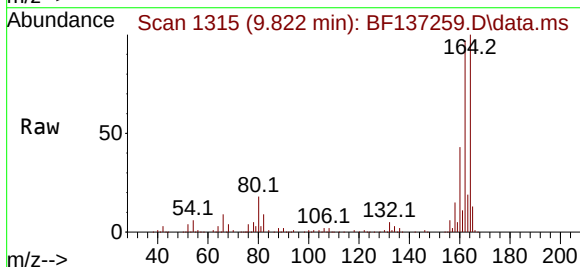
Instrument :
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TP-4

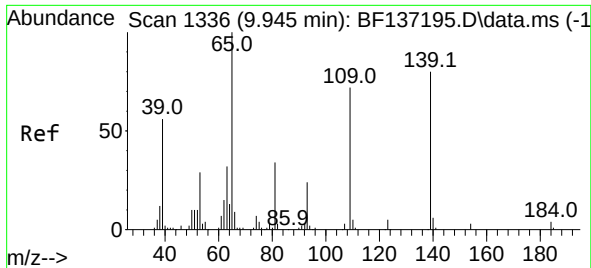
Tgt Ion:163 Resp: 20018
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 529.7 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:165 Resp: 14229
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 1.5 53.5 80.3#

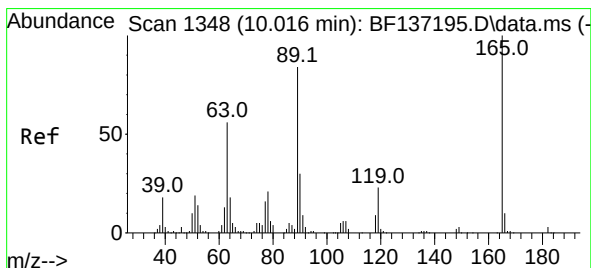
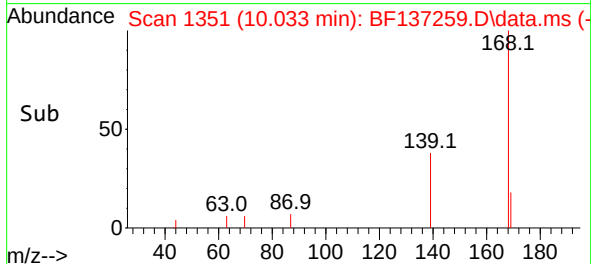
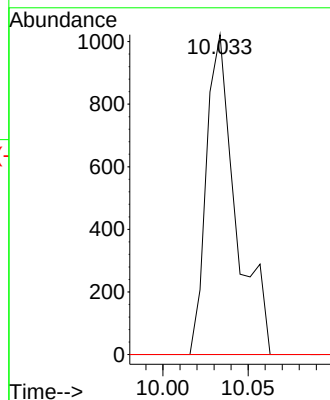
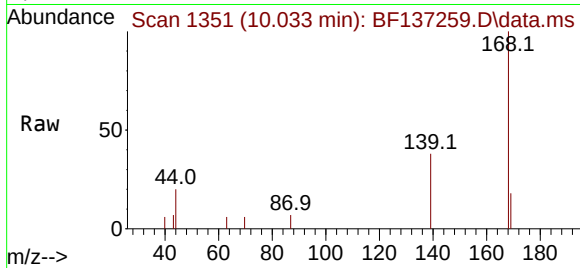




#56
4-Nitrophenol
Concen: 9.316 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

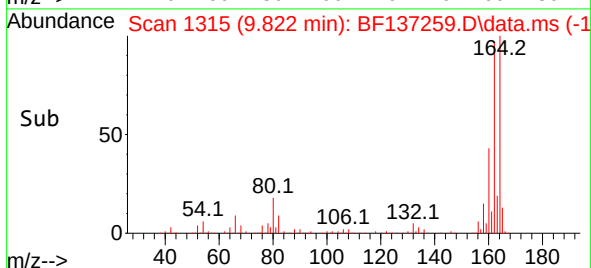
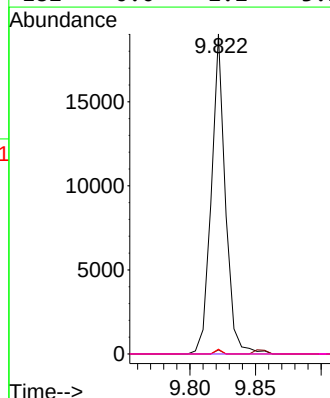
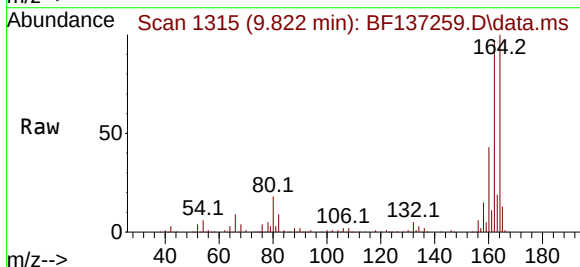
Instrument :
BNA_F
ClientSampleId :
TP-4

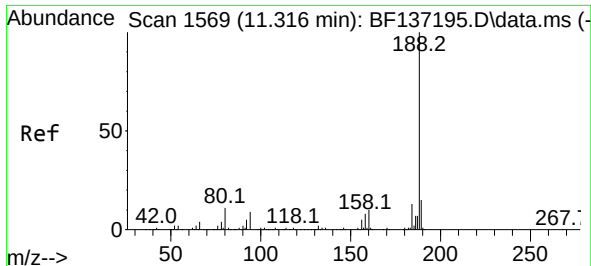
Tgt Ion:139 Resp: 1231
Ion Ratio Lower Upper
139 100
109 0.0 70.4 110.4#
65 0.0 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 6.892 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:165 Resp: 14229
Ion Ratio Lower Upper
165 100
63 1.3 46.1 69.1#
89 1.5 67.5 101.3#
182 0.0 2.2 3.2#

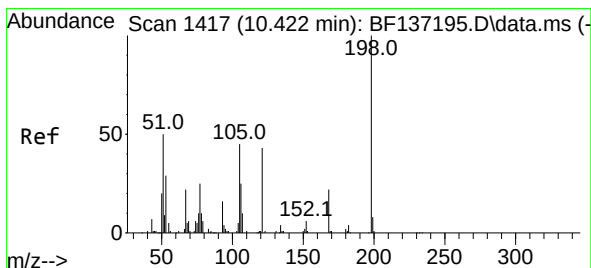
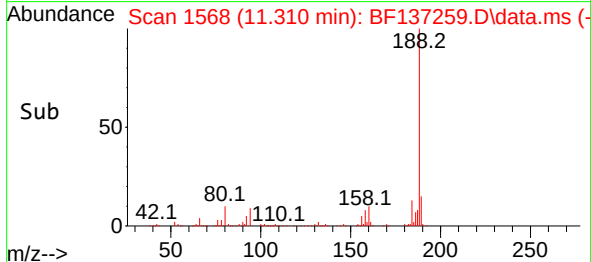
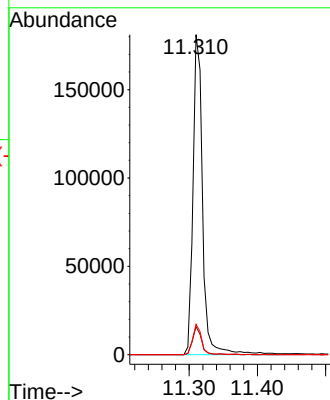
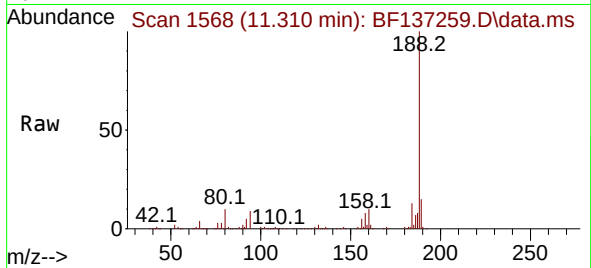




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

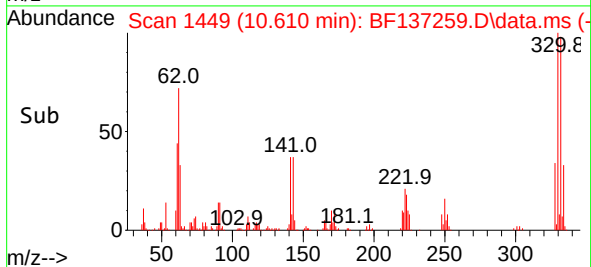
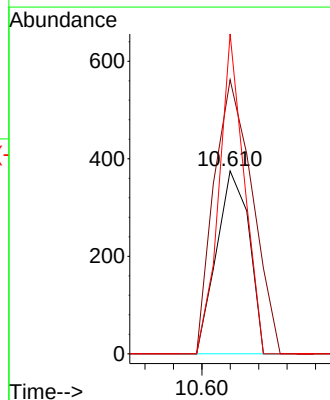
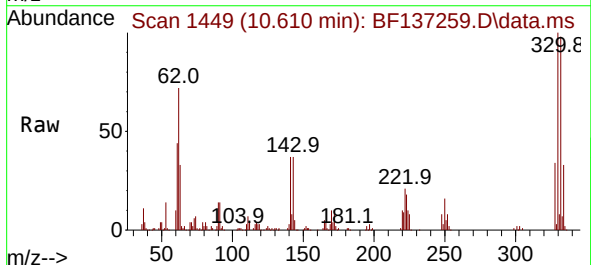
Instrument :
BNA_F
ClientSampleId :
TP-4

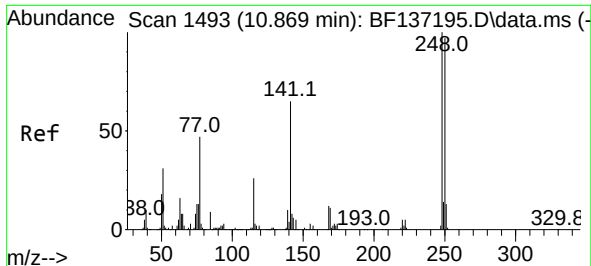
Tgt Ion:188 Resp: 176109
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.5 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.737 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.188 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:198 Resp: 297
Ion Ratio Lower Upper
198 100
51 149.9 40.9 80.9#
105 174.9 26.5 66.5#

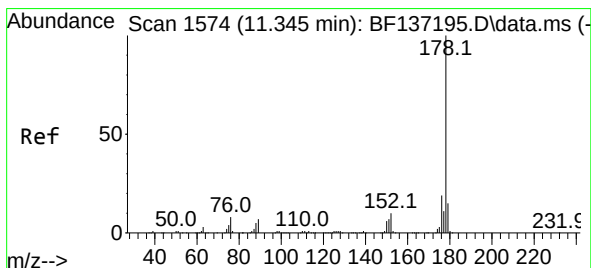
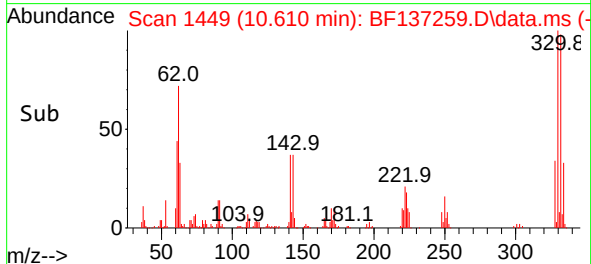
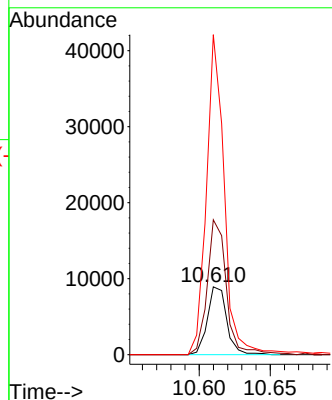
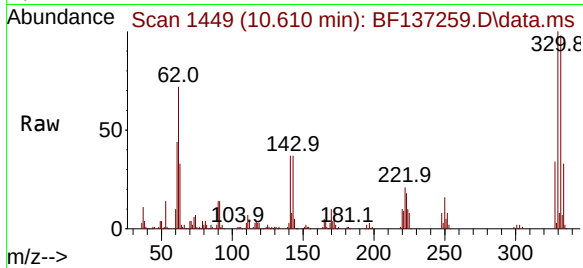




#67
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.259 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

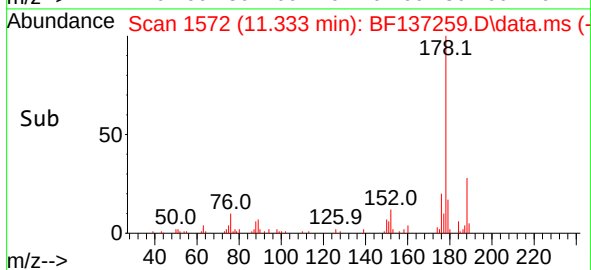
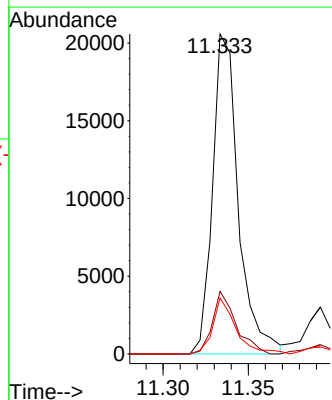
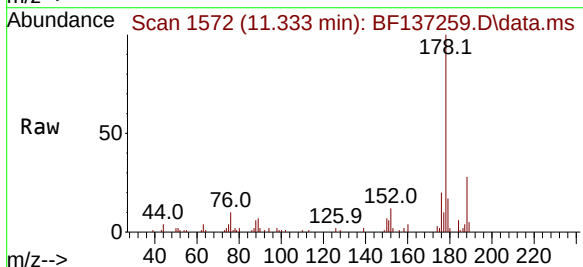
Instrument :
BNA_F
ClientSampleId :
TP-4

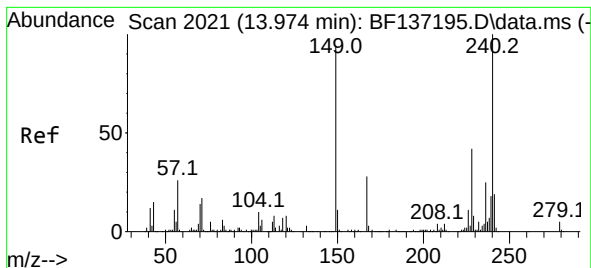
Tgt Ion:248 Resp: 8511
Ion Ratio Lower Upper
248 100
250 198.8 77.7 116.5#
141 471.9 51.6 77.4#



#71
Phenanthrene
Concen: 2.351 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137259.D
Acq: 02 Feb 2024 17:17

Tgt Ion:178 Resp: 21672
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 17.5 12.1 18.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137259.D

Acq: 02 Feb 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP-4

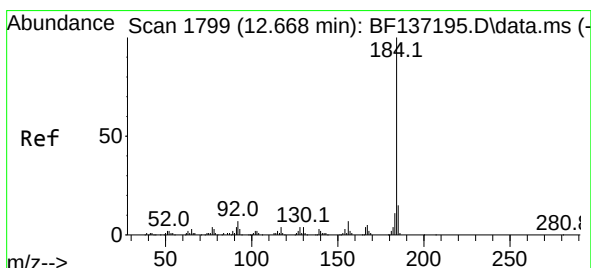
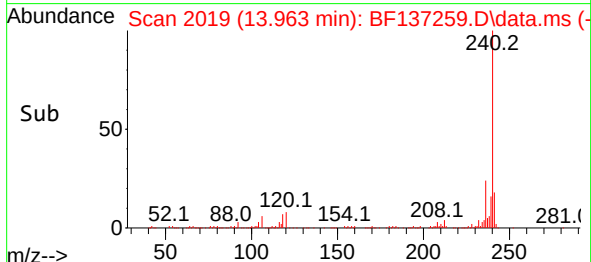
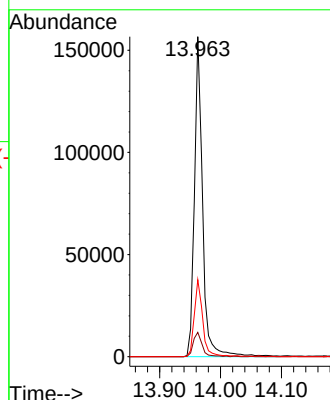
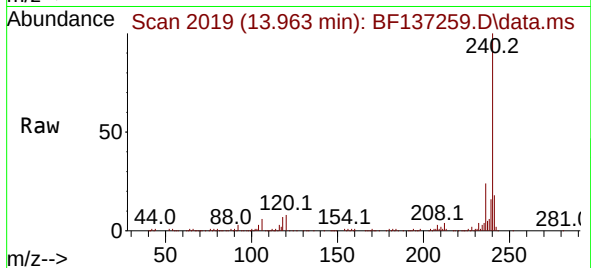
Tgt Ion:240 Resp: 146340

Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 24.0 20.3 30.5



#77

Benidine

Concen: 2.740 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137259.D

Acq: 02 Feb 2024 17:17

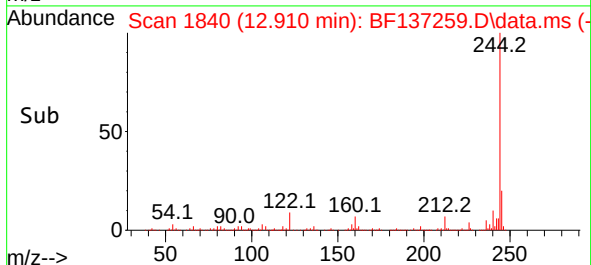
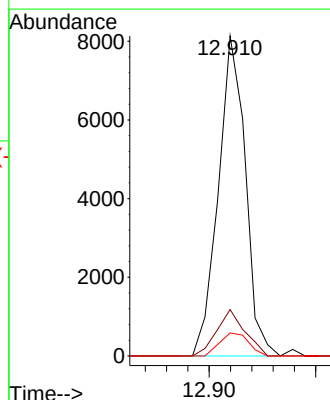
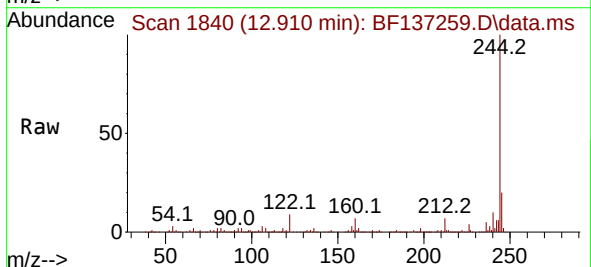
Tgt Ion:184 Resp: 7179

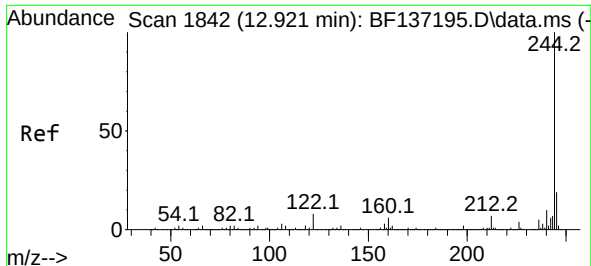
Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

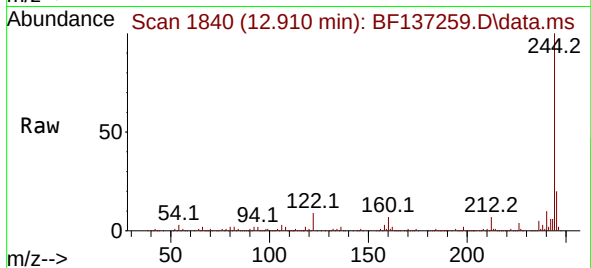
183 7.2 8.8 13.2#



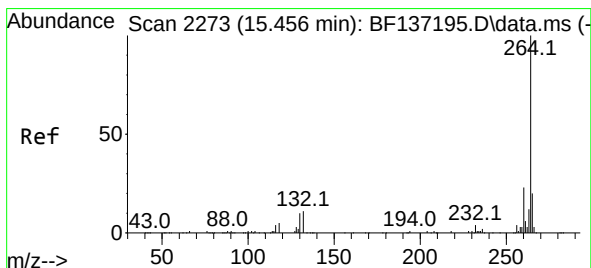
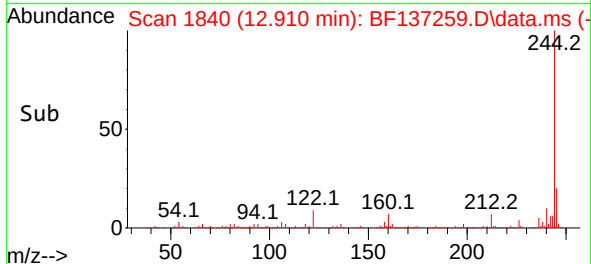
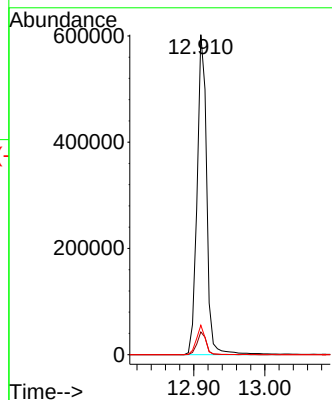


#79
 Terphenyl-d14
 Concen: 52.772 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137259.D
 Acq: 02 Feb 2024 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-4



Tgt Ion:244 Resp: 568074
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.2 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: BF137259.D
 Acq: 02 Feb 2024 17:17

Tgt Ion:264 Resp: 110113
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.4
 265 19.8 16.2 24.2

