

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
 Data File : BF137200.D
 Acq On : 30 Jan 2024 16:58
 Operator : CG\JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158491BL

Quant Time: Jan 31 05:15:39 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)

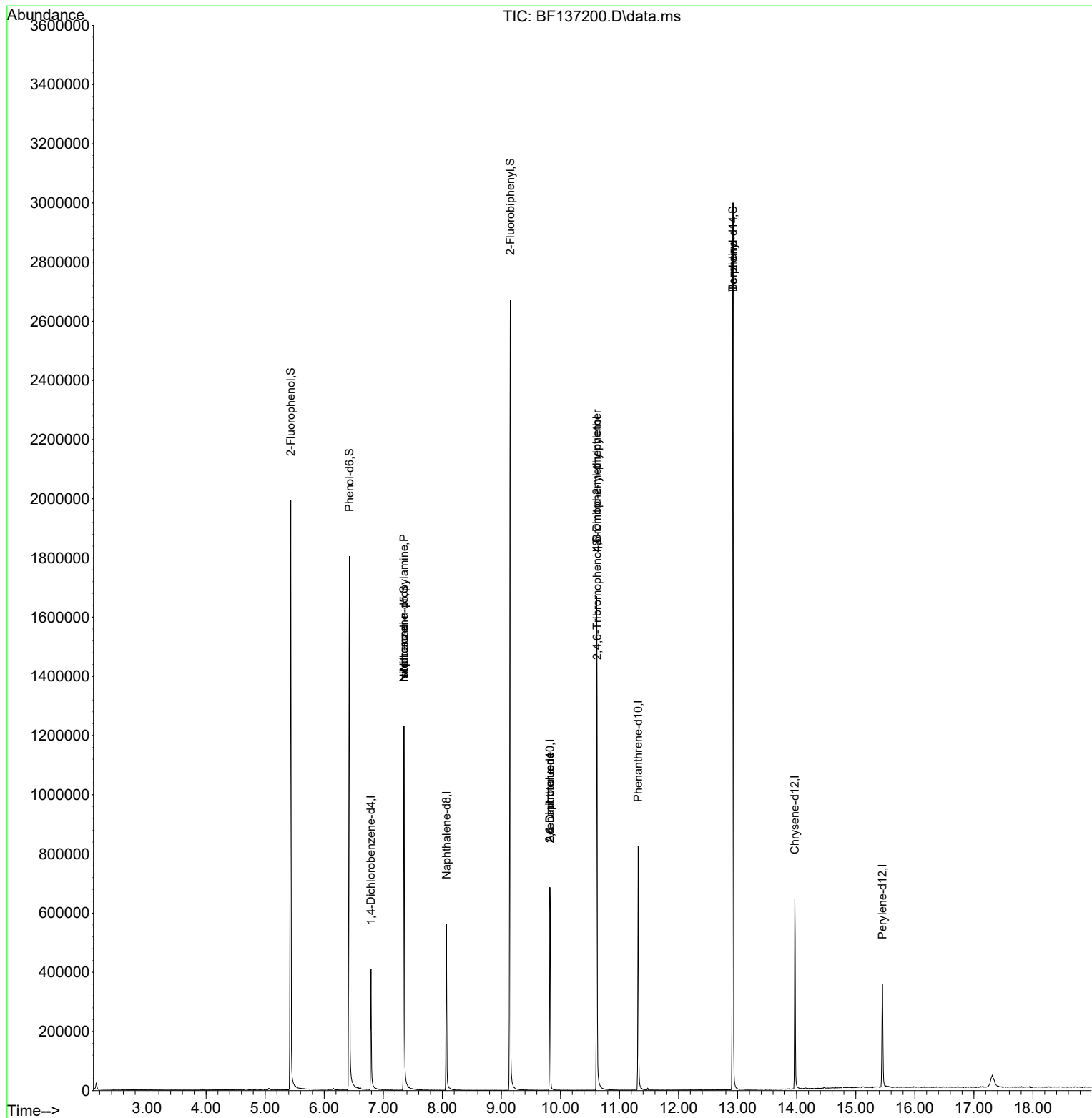
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	62813	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	250686	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	149540	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	306405	20.000	ng	0.00
76) Chrysene-d12	13.968	240	233808	20.000	ng	0.00
86) Perylene-d12	15.451	264	179373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	515927	135.533	ng	0.02
7) Phenol-d6	6.428	99	682211	125.580	ng	0.00
23) Nitrobenzene-d5	7.351	82	455010	81.263	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	212122	125.603	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	853265	78.438	ng	0.00
79) Terphenyl-d14	12.921	244	1129668	65.683	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.351	70	62967	16.905	ng	# 79
25) Isophorone	7.351	82	455006	44.026	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	18527	8.600	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	18527	6.628	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	444	5.697	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	14084	4.180	ng	# 1
77) Benzidine	12.921	184	14833	3.543	ng	# 96

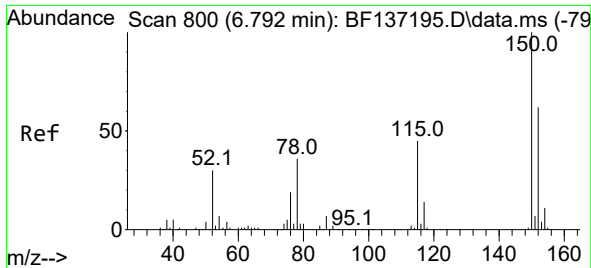
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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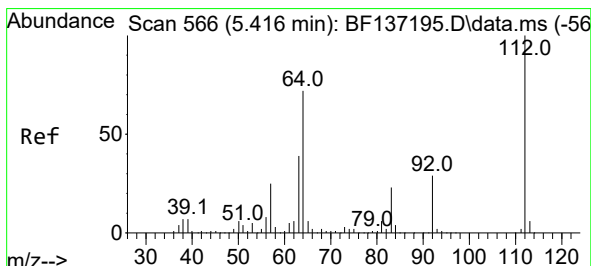
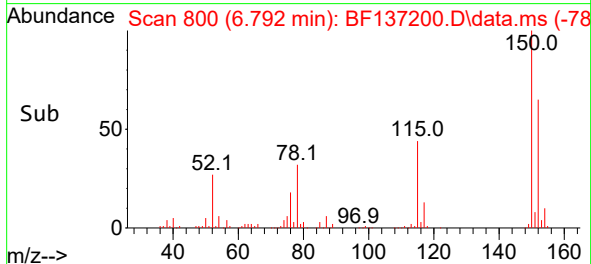
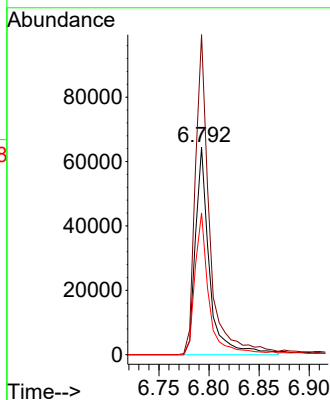
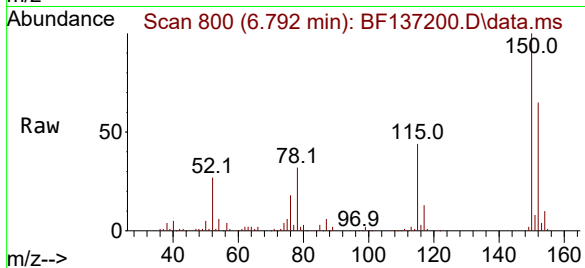




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

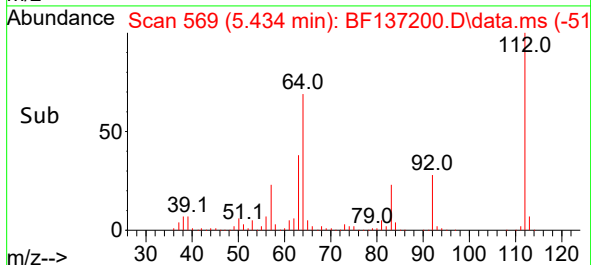
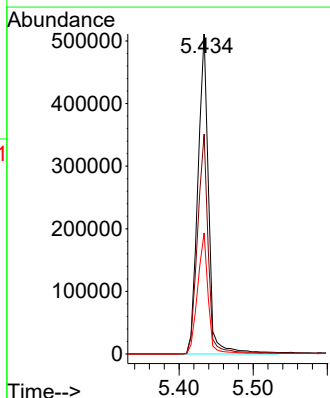
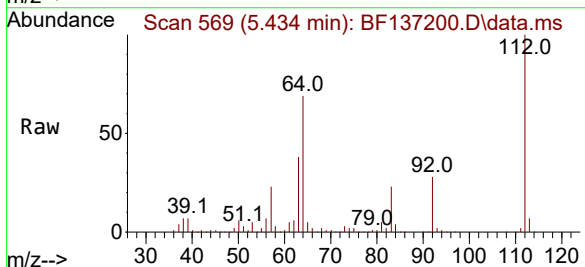
Instrument :
BNA_F
ClientSampleId :
PB158491BL

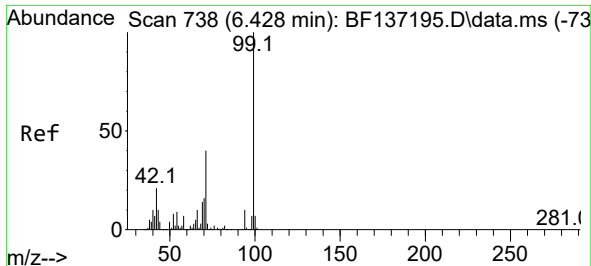
Tgt Ion:152 Resp: 62813
Ion Ratio Lower Upper
152 100
150 154.3 129.8 194.8
115 68.4 58.5 87.7



#5
2-Fluorophenol
Concen: 135.533 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:112 Resp: 515927
Ion Ratio Lower Upper
112 100
64 68.7 57.8 86.6
63 37.8 31.4 47.0





#7
Phenol-d6
Concen: 125.580 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

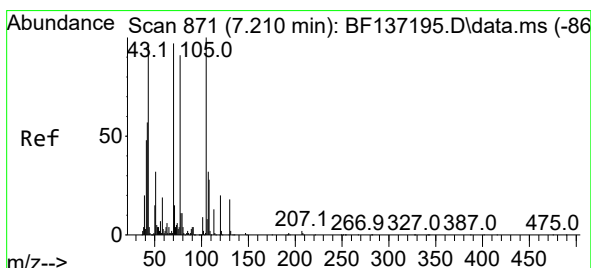
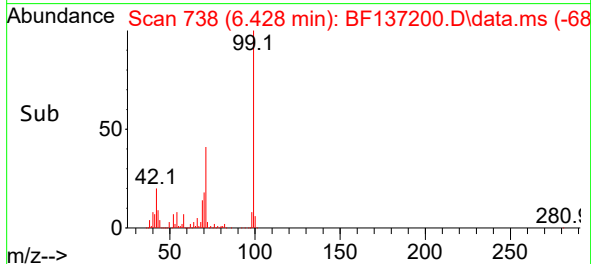
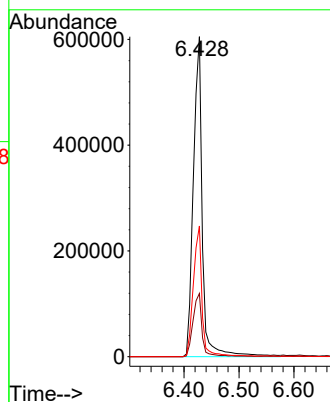
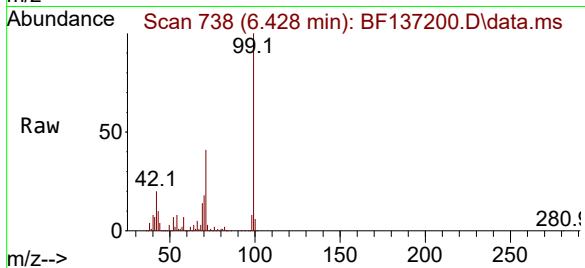
Instrument :

BNA_F

ClientSampleId :

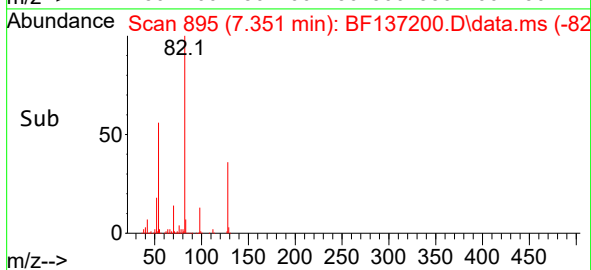
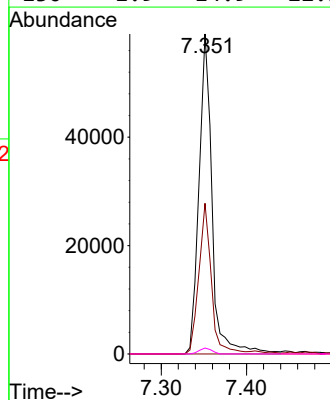
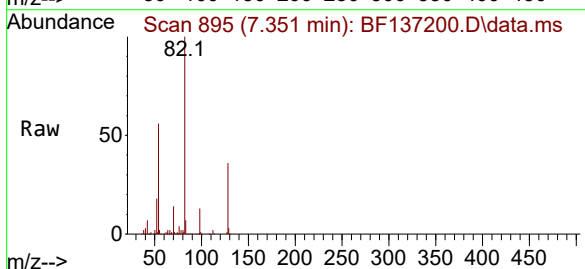
PB158491BL

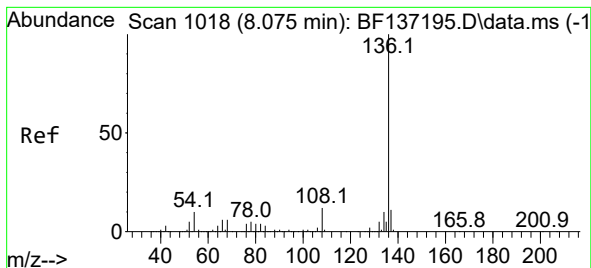
Tgt Ion: 99 Resp: 682211
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 40.9 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.905 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion: 70 Resp: 62967
Ion Ratio Lower Upper
70 100
42 47.1 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: BF137200.D

Acq: 30 Jan 2024 16:58

Instrument :

BNA_F

ClientSampleId :

PB158491BL

Tgt Ion:136 Resp: 250686

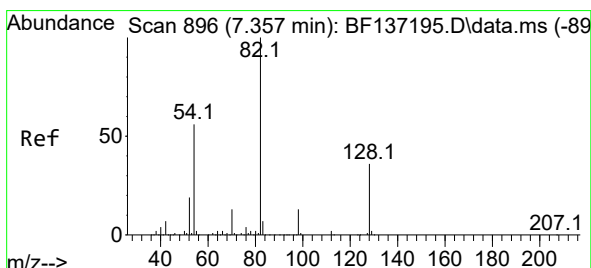
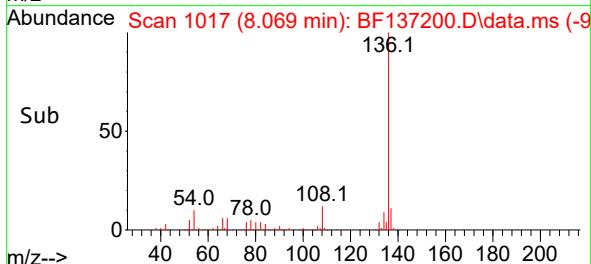
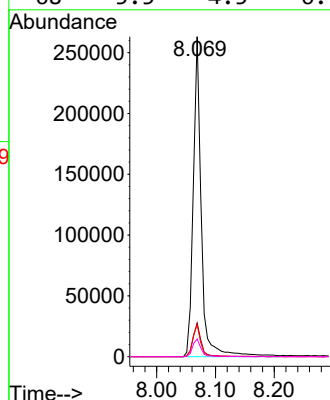
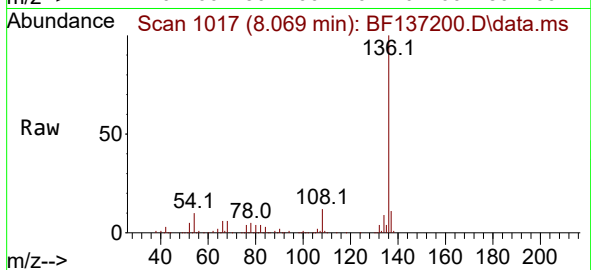
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 10.0 7.8 11.8

68 5.5 4.5 6.7



#23

Nitrobenzene-d5

Concen: 81.263 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137200.D

Acq: 30 Jan 2024 16:58

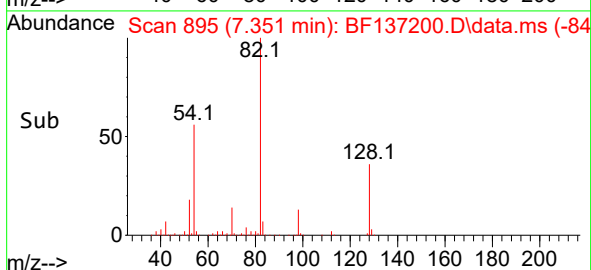
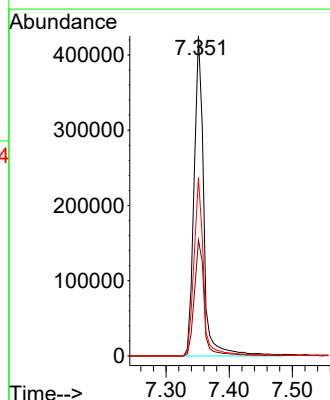
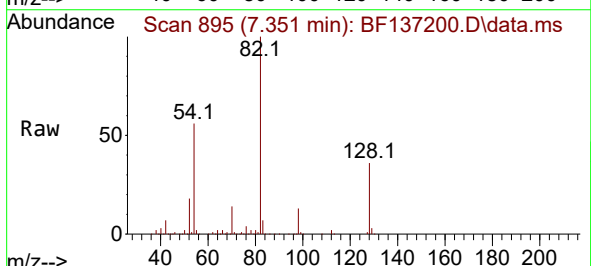
Tgt Ion: 82 Resp: 455010

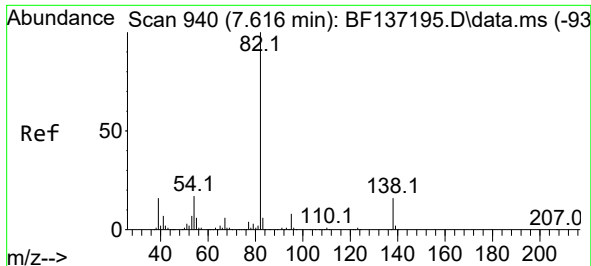
Ion Ratio Lower Upper

82 100

128 36.2 29.1 43.7

54 55.7 45.0 67.6

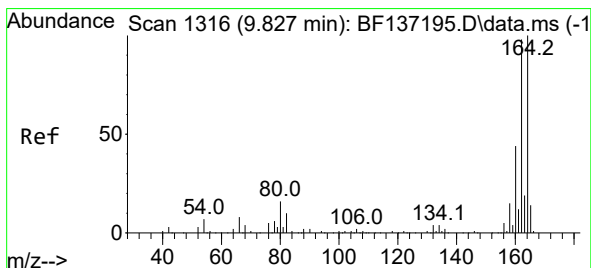
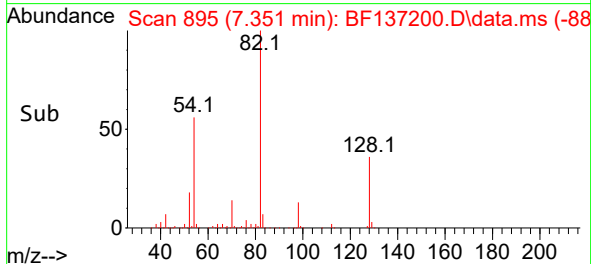
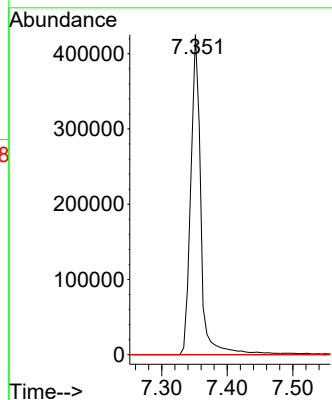
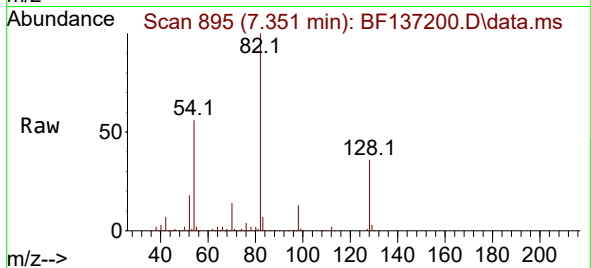




#25
Isophorone
Concen: 44.026 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

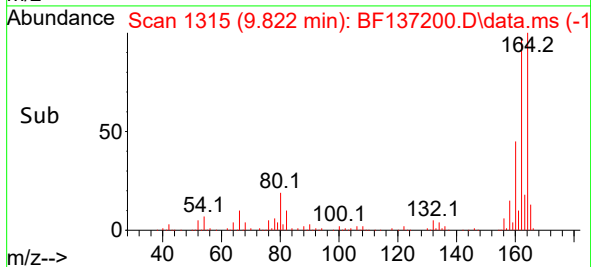
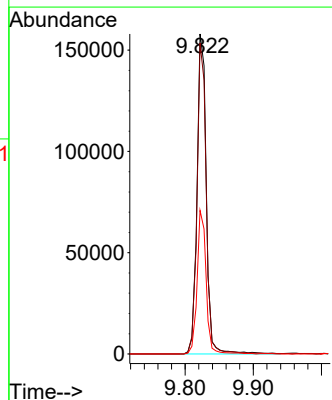
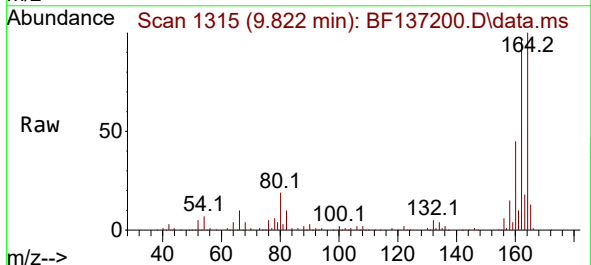
Instrument :
BNA_F
ClientSampleId :
PB158491BL

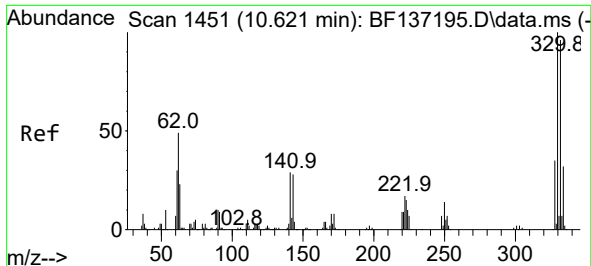
Tgt Ion: 82 Resp: 455006
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:164 Resp: 149540
Ion Ratio Lower Upper
164 100
162 97.2 78.3 117.5
160 44.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 125.603 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137200.D

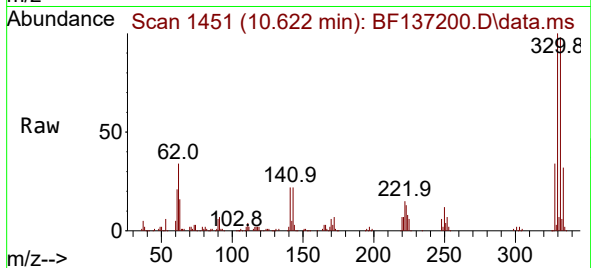
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Instrument :

BNA_F

ClientSampleId :

PB158491BL



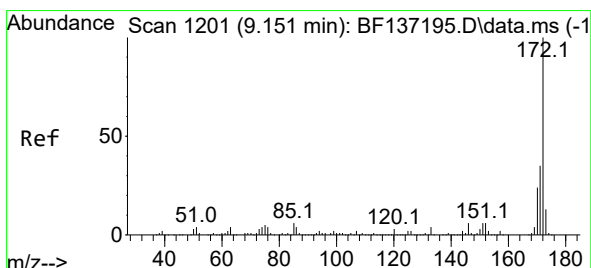
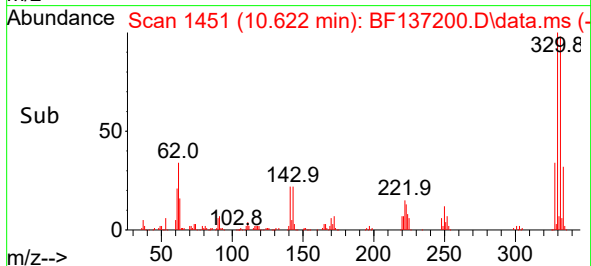
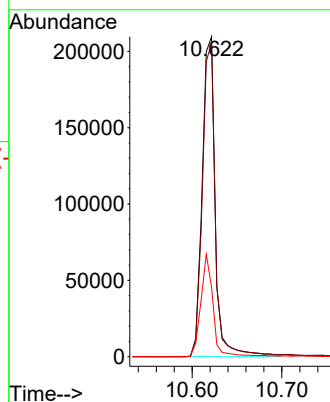
Tgt Ion:330 Resp: 212122

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 30.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 78.438 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF137200.D

Acq: 30 Jan 2024 16:58

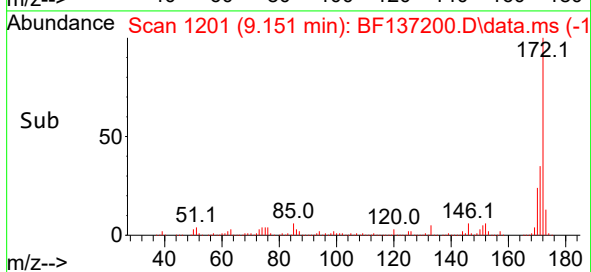
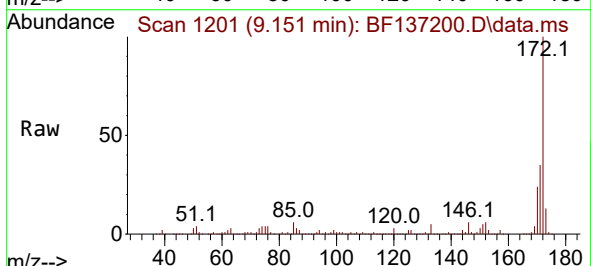
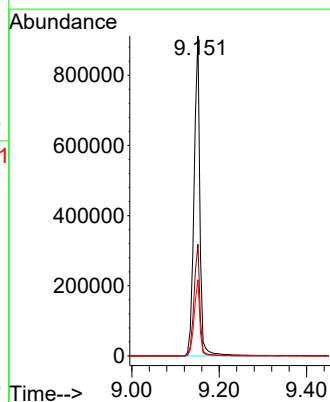
Tgt Ion:172 Resp: 853265

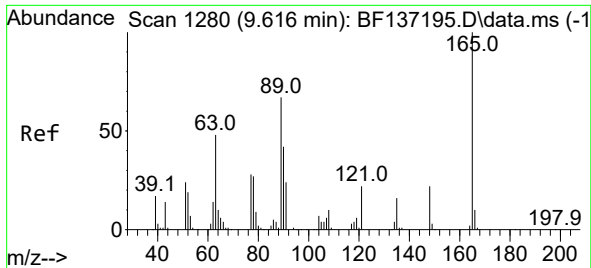
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.8 19.1 28.7

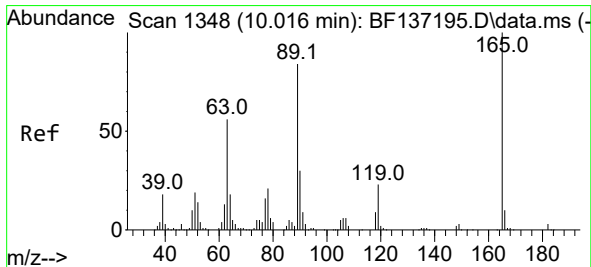
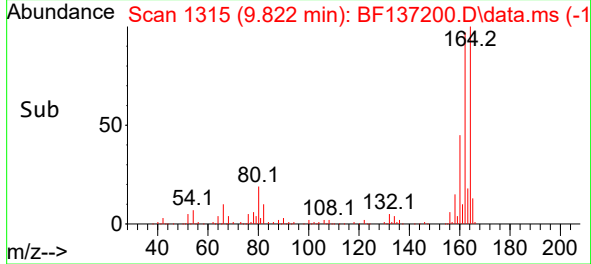
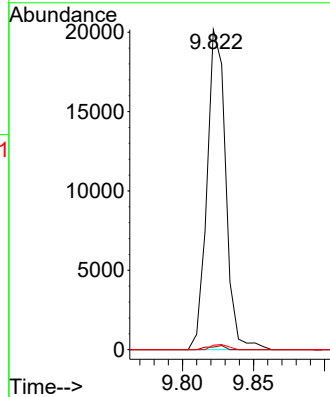
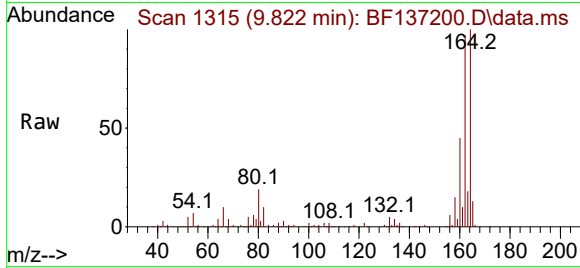




#51
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

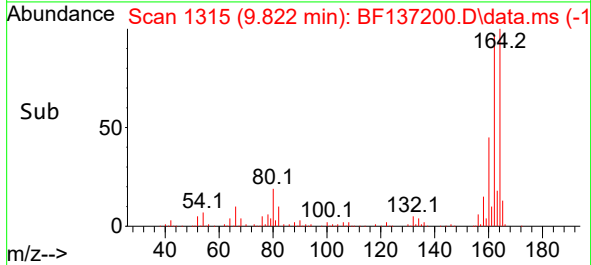
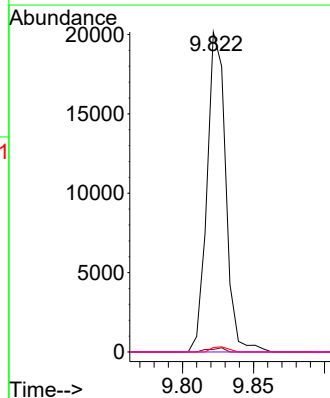
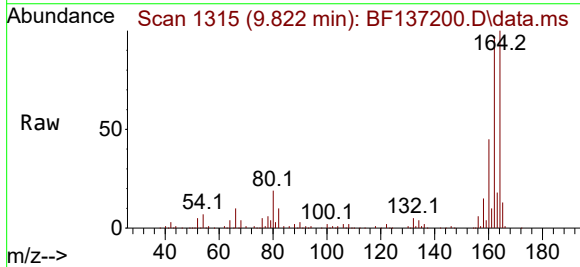
Instrument :
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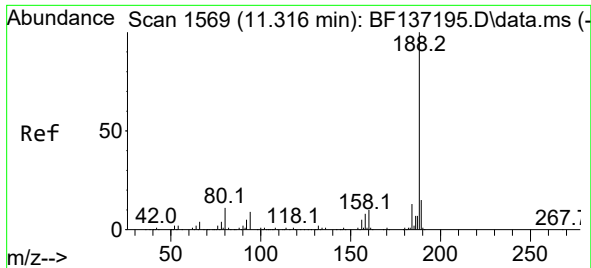
Tgt Ion:165 Resp: 18527
Ion Ratio Lower Upper
165 100
63 0.8 55.1 82.7#
89 1.4 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.628 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:165 Resp: 18527
Ion Ratio Lower Upper
165 100
63 0.8 46.1 69.1#
89 1.4 67.5 101.3#
182 0.0 2.2 3.2#

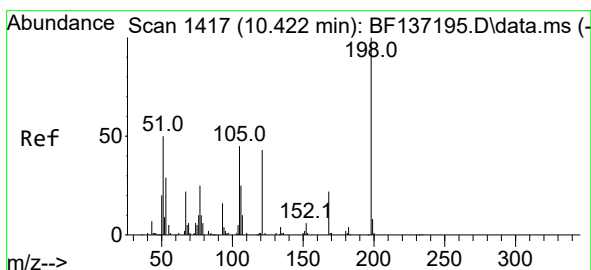
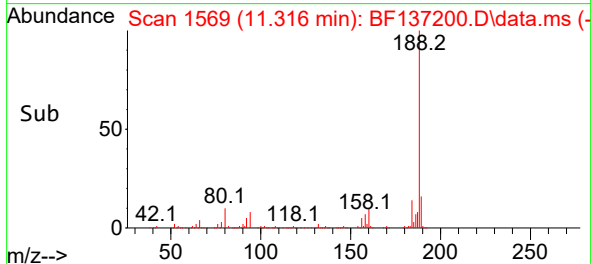
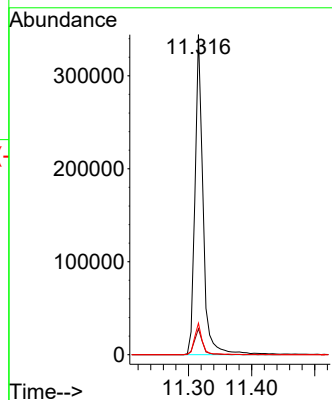
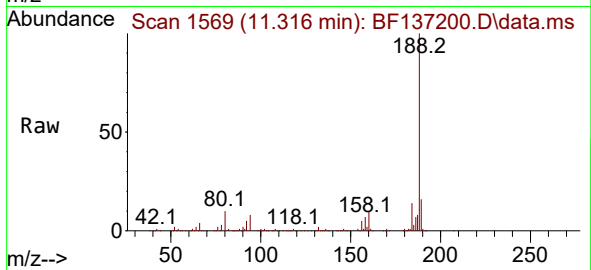




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

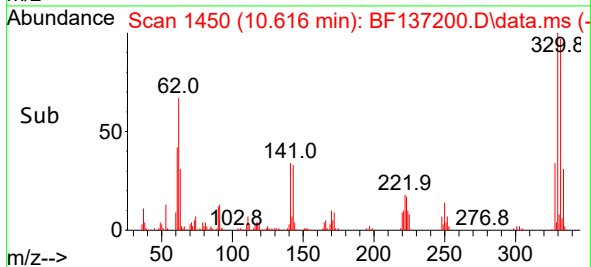
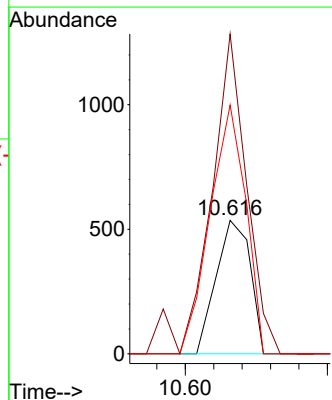
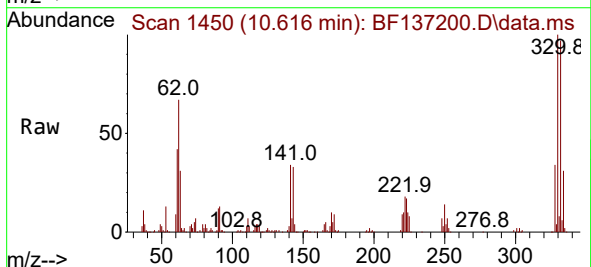
Instrument :
BNA_F
ClientSampleId :
PB158491BL

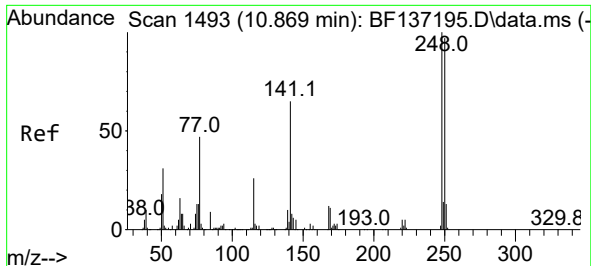
Tgt Ion:188 Resp: 306405
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.8 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.697 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 239.6 40.9 80.9#
105 186.4 26.5 66.5#

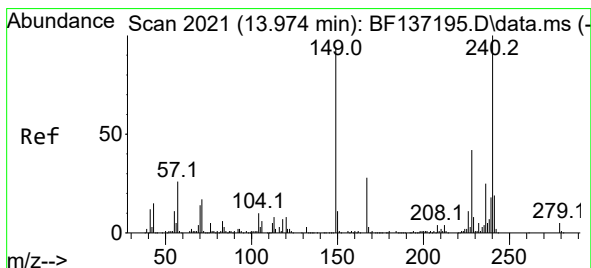
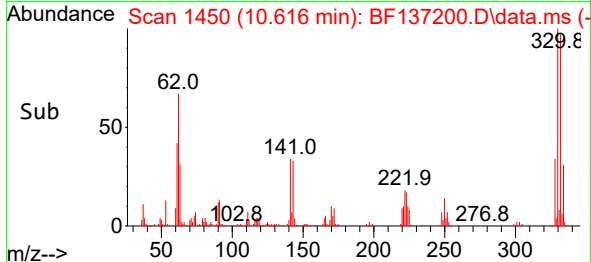
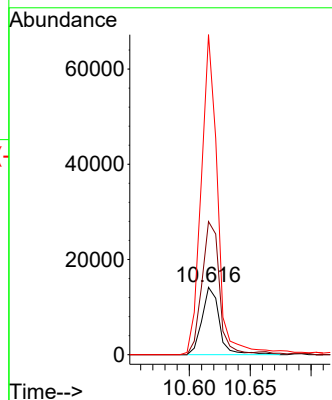
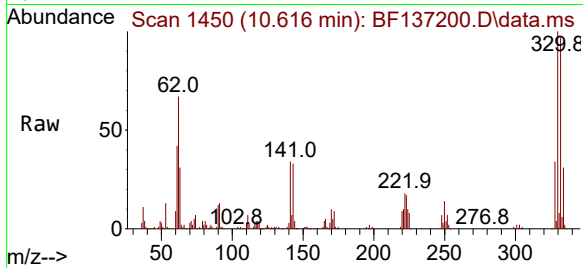




#67
4-Bromophenyl-phenylether
Concen: 4.180 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

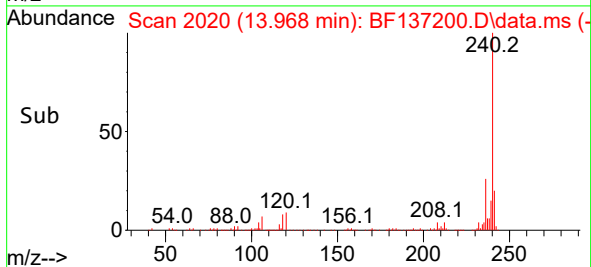
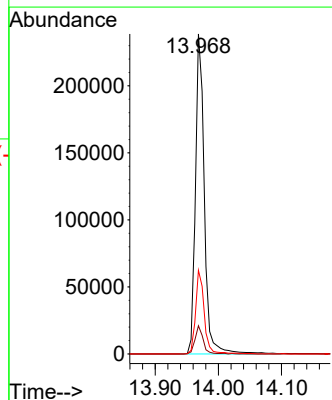
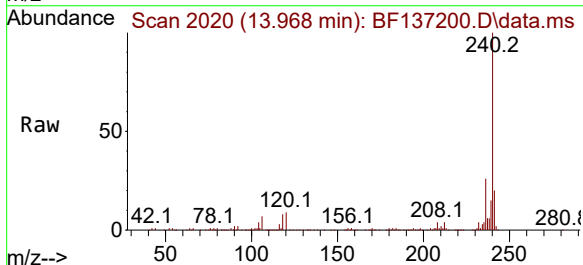
Instrument :
BNA_F
ClientSampleId :
PB158491BL

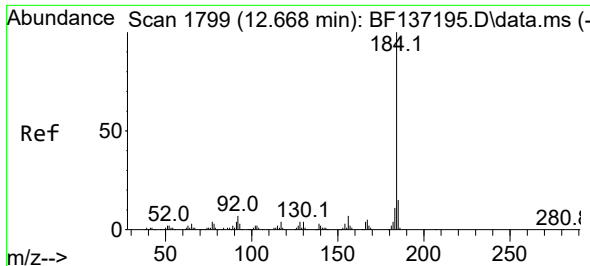
Tgt Ion:248 Resp: 14084
Ion Ratio Lower Upper
248 100
250 197.5 77.7 116.5#
141 474.9 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:240 Resp: 233808
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 26.1 20.3 30.5

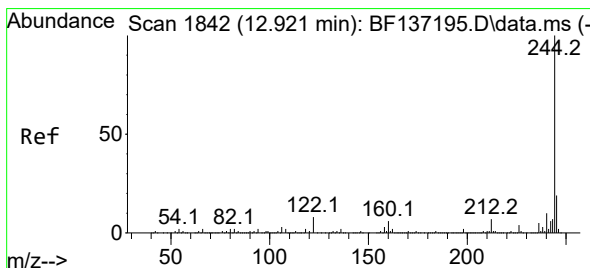
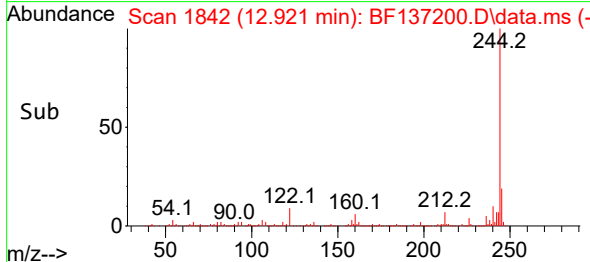
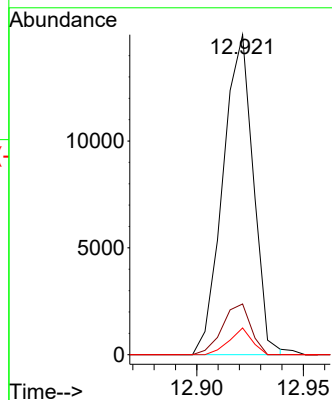
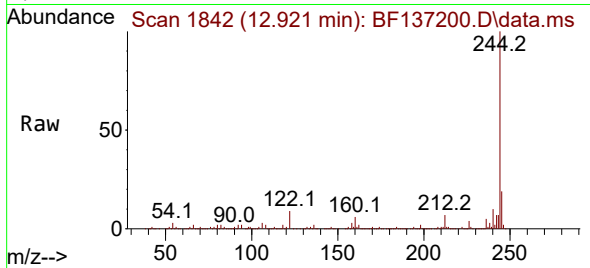




#77
Benzidine
Concen: 3.543 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

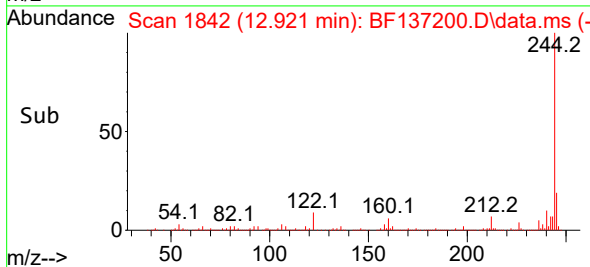
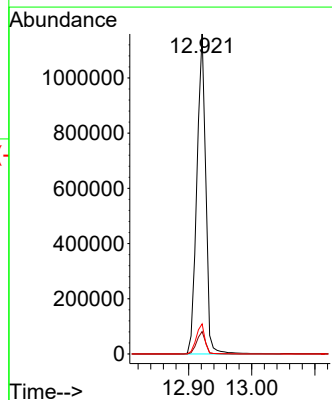
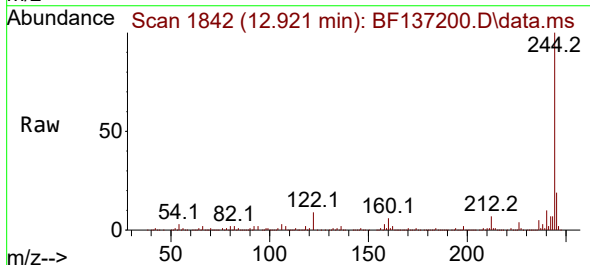
Instrument :
BNA_F
ClientSampleId :
PB158491BL

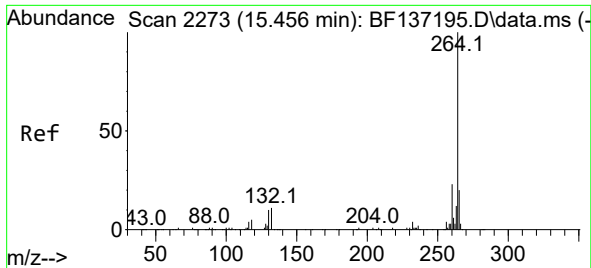
Tgt Ion:184 Resp: 14833
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 8.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 65.683 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Tgt Ion:244 Resp: 1129668
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.4 6.2 9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137200.D
Acq: 30 Jan 2024 16:58

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:264 Resp: 179373
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 20.7 16.2 24.2

