

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137153.D
 Acq On : 25 Jan 2024 18:04
 Operator : CG\JU
 Sample : P1240-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Jan 26 10:17:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

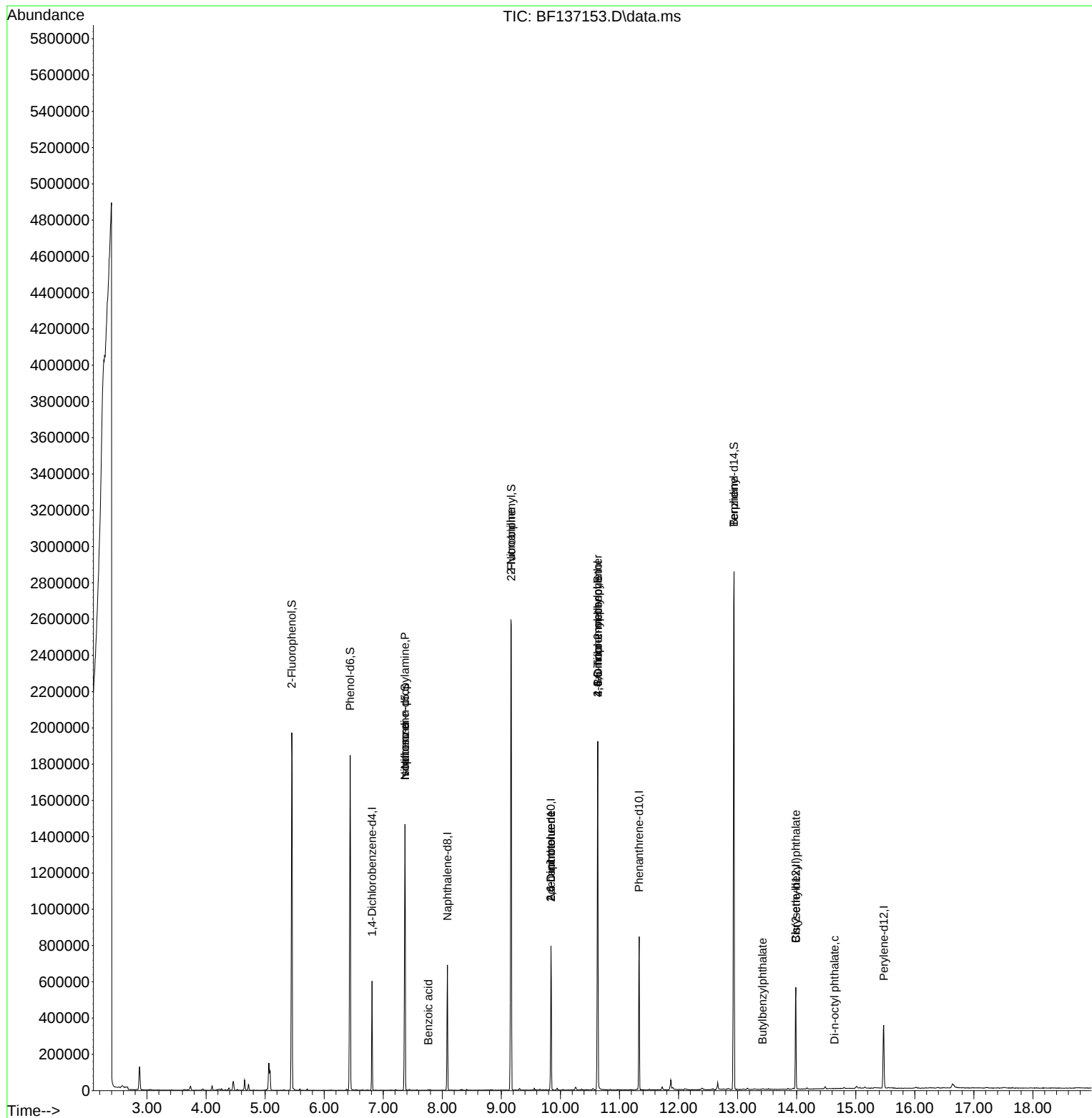
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	69015	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	266482	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	153087	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	297555	20.000	ng	0.00
76) Chrysene-d12	13.986	240	186184	20.000	ng	0.00
86) Perylene-d12	15.474	264	172568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	540784	116.089	ng	0.01
7) Phenol-d6	6.439	99	655240	106.981	ng	0.00
23) Nitrobenzene-d5	7.369	82	511138	89.917	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	220754	137.082	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	875786	79.644	ng	0.00
79) Terphenyl-d14	12.939	244	1100654	84.535	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	69142	16.685	ng	# 79
25) Isophorone	7.369	82	511049	45.529	ng	# 70
32) Benzoic acid	7.763	122	335	8.079	ng	93
48) 2-Nitroaniline	9.163	65	1790	4.686	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	19576	11.708	ng	# 13
57) 2,4-Dinitrotoluene	9.839	165	19576	11.043	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.633	198	455	8.528	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	14376	4.193	ng	# 1
77) Benzidine	12.939	184	14164	3.923	ng	# 89
80) Butylbenzylphthalate	13.421	149	600	4.211	ng	# 16
84) Bis(2-ethylhexyl)phtha...	13.986	149	988	6.435	ng	# 62
85) Di-n-octyl phthalate	14.639	149	55	8.791	ng	# 1

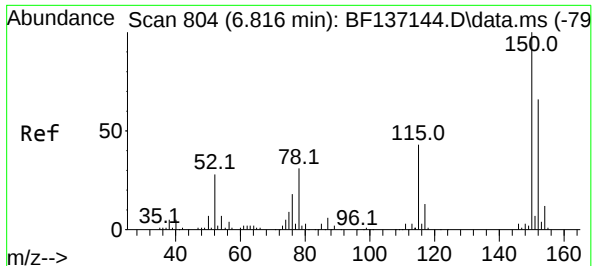
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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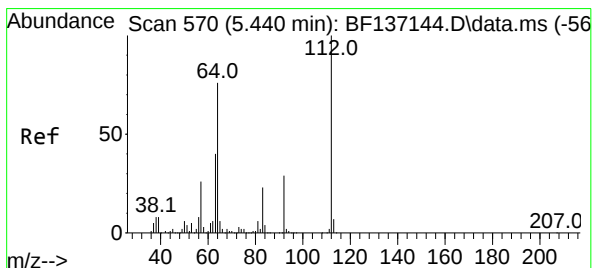
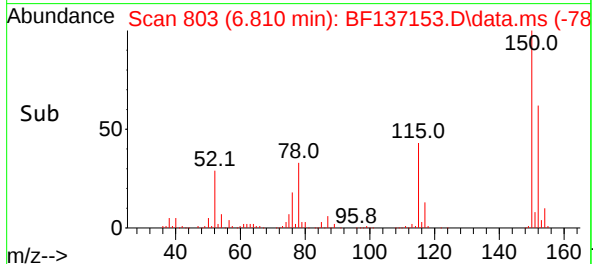
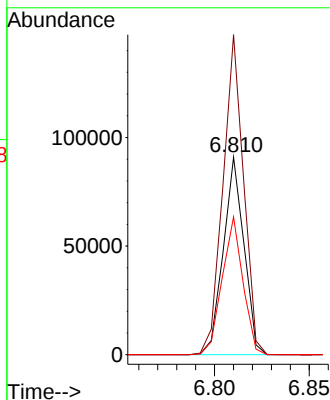
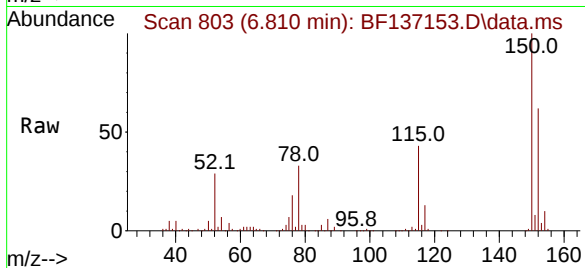




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

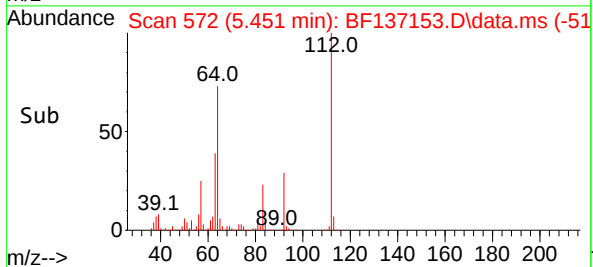
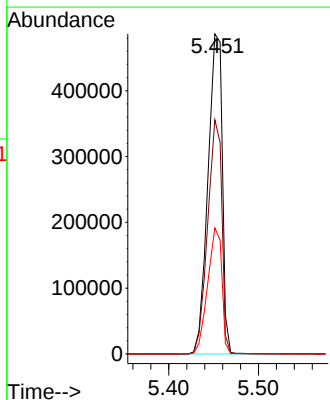
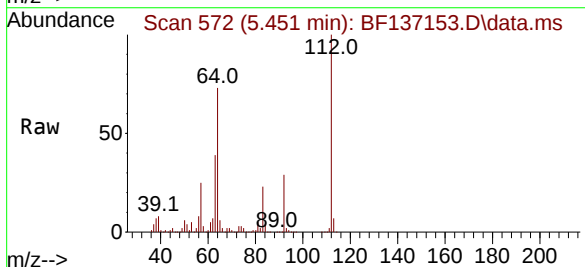
Instrument :
BNA_F
ClientSampleId :
72-11985

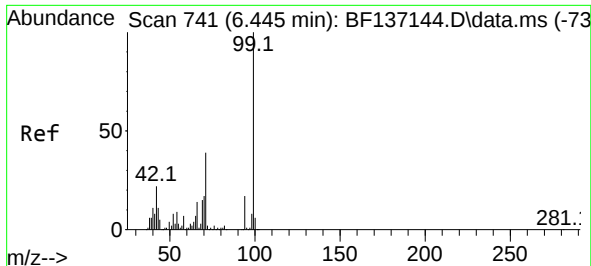
Tgt Ion:152 Resp: 69015
Ion Ratio Lower Upper
152 100
150 161.9 121.2 181.8
115 69.7 52.5 78.7



#5
2-Fluorophenol
Concen: 116.089 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion:112 Resp: 540784
Ion Ratio Lower Upper
112 100
64 73.2 60.8 91.2
63 39.4 32.1 48.1

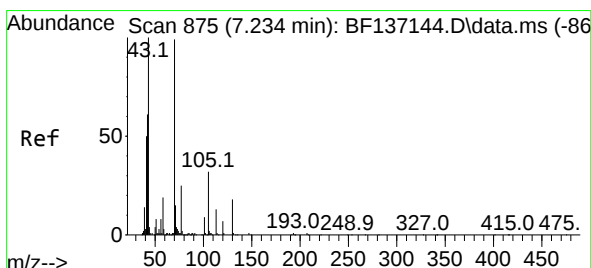
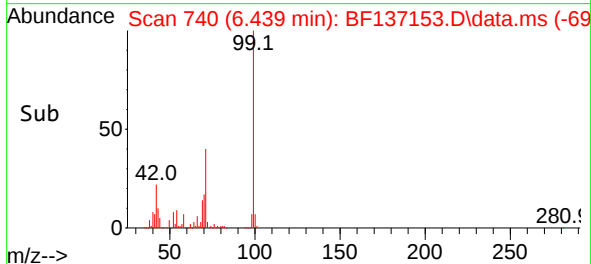
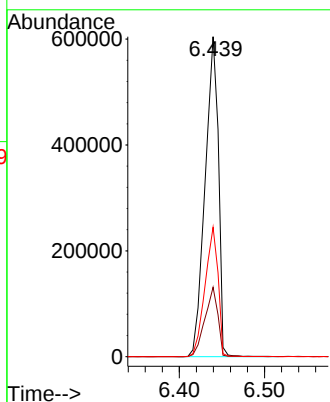
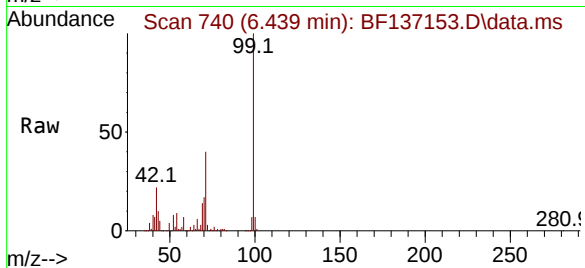




#7
Phenol-d6
Concen: 106.981 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

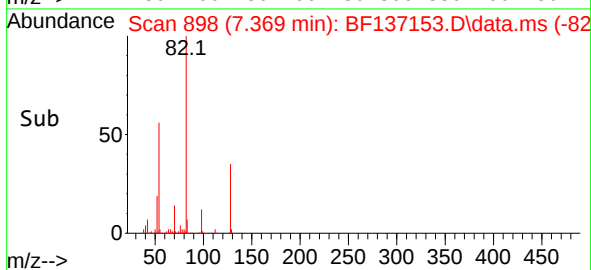
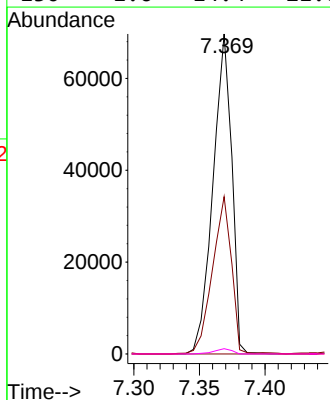
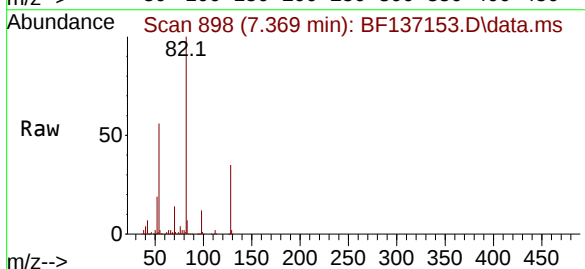
Instrument :
BNA_F
ClientSampleId :
72-11985

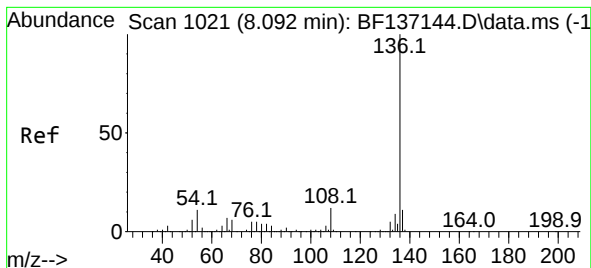
Tgt Ion: 99 Resp: 655240
Ion Ratio Lower Upper
99 100
42 21.7 17.5 26.3
71 40.5 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.685 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion: 70 Resp: 69142
Ion Ratio Lower Upper
70 100
42 49.1 49.3 73.9#
101 0.0 7.4 11.0#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA_F

ClientSampleId :

72-11985

Tgt Ion:136 Resp: 266482

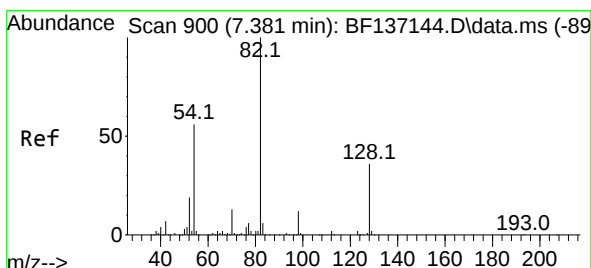
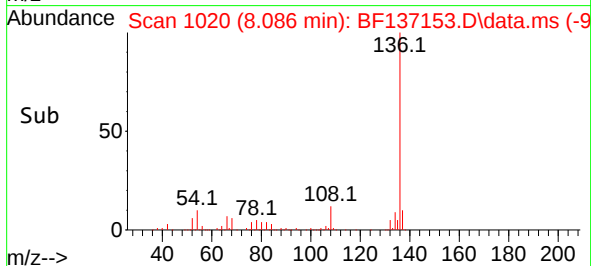
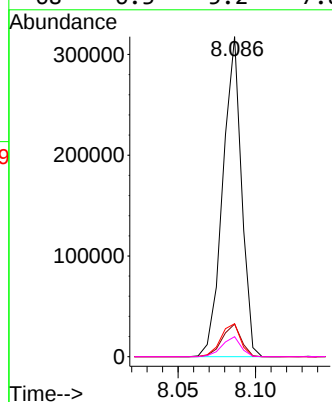
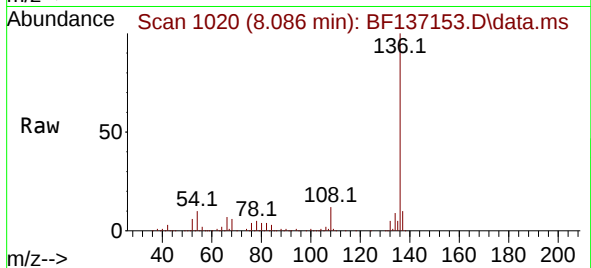
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 10.3 8.8 13.2

68 6.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 89.917 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

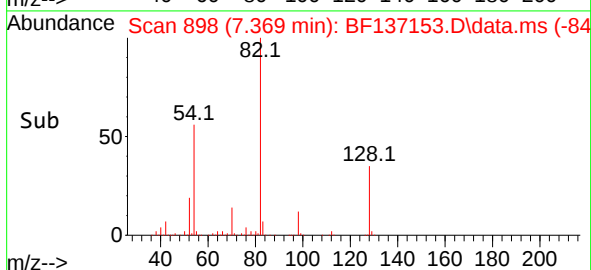
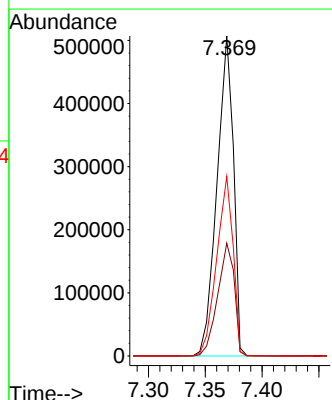
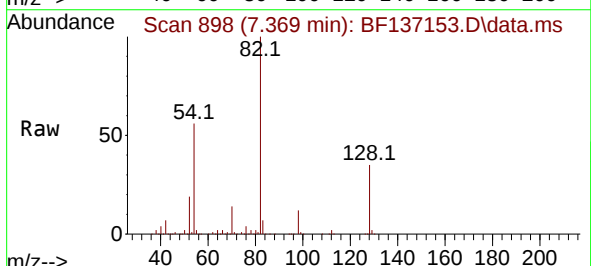
Tgt Ion: 82 Resp: 511138

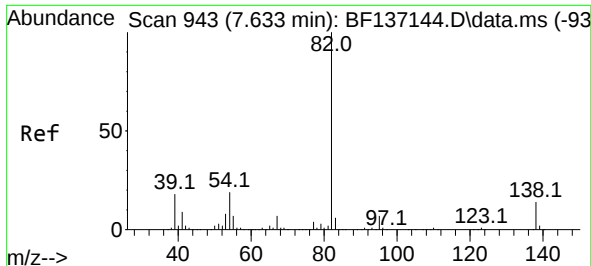
Ion Ratio Lower Upper

82 100

128 35.3 29.0 43.6

54 56.1 44.6 67.0

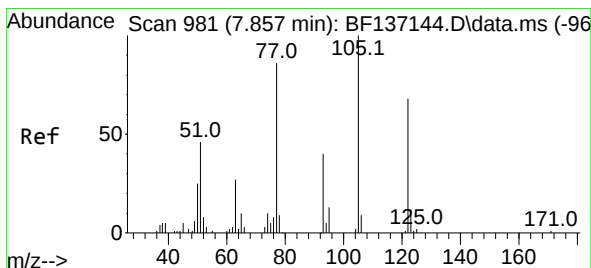
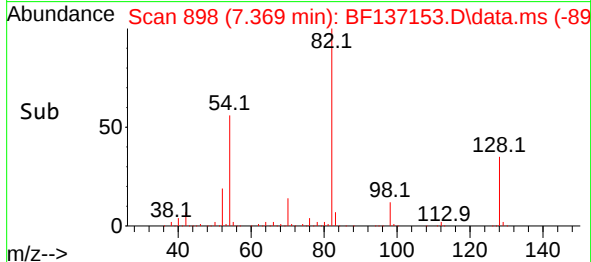
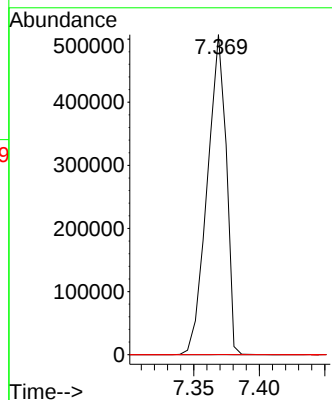
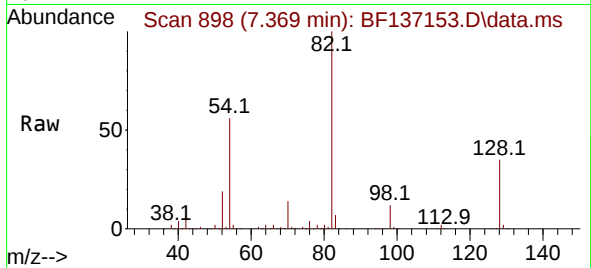




#25
Isophorone
Concen: 45.529 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

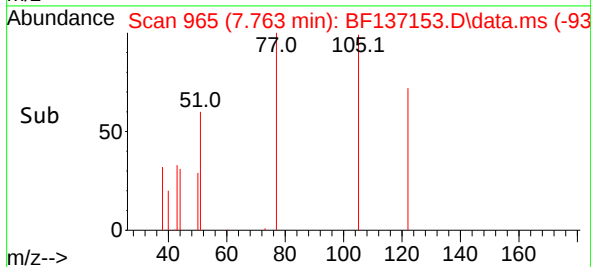
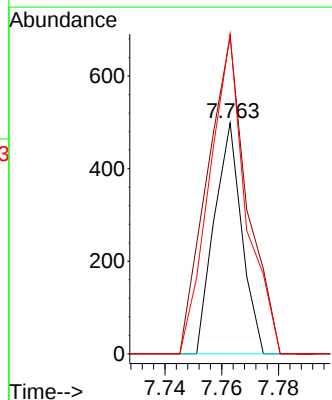
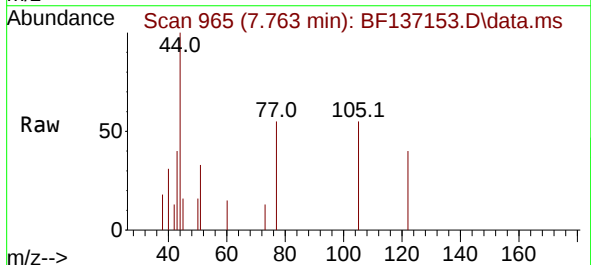
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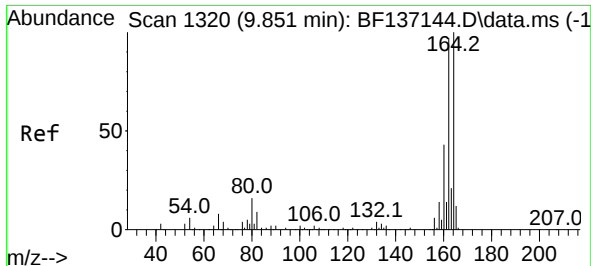
Tgt Ion: 82 Resp: 511049
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#32
Benzoic acid
Concen: 8.079 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.094 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion:122 Resp: 335
Ion Ratio Lower Upper
122 100
105 137.3 123.2 163.2
77 138.5 107.6 147.6

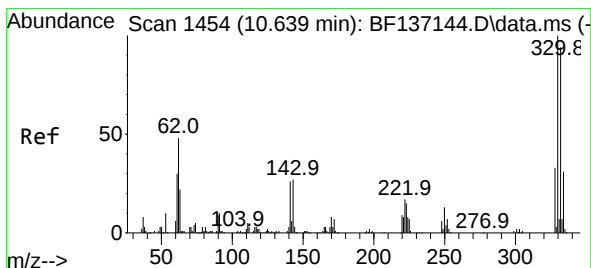
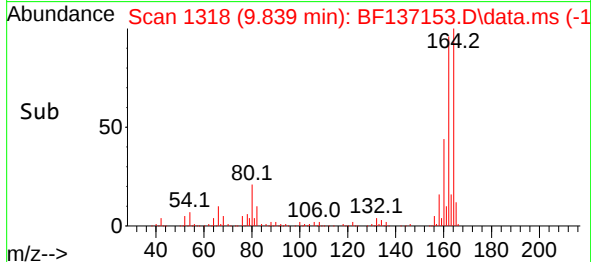
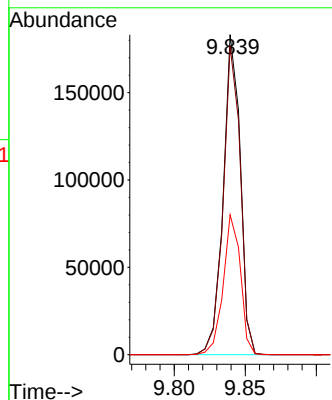
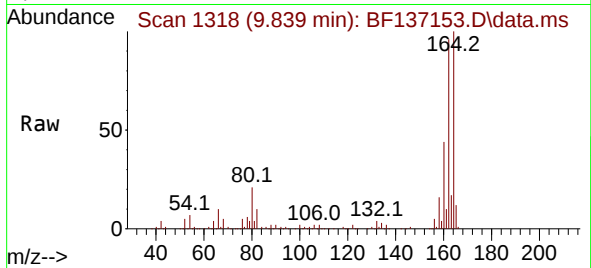




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

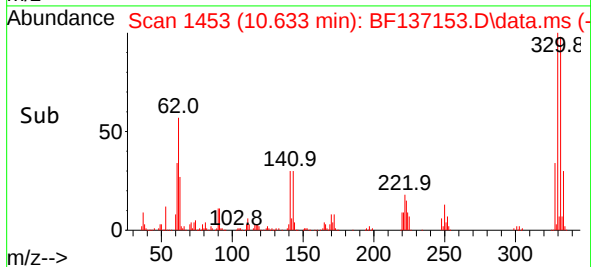
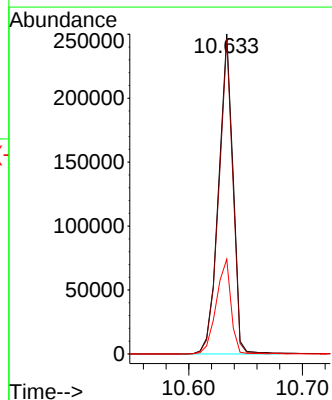
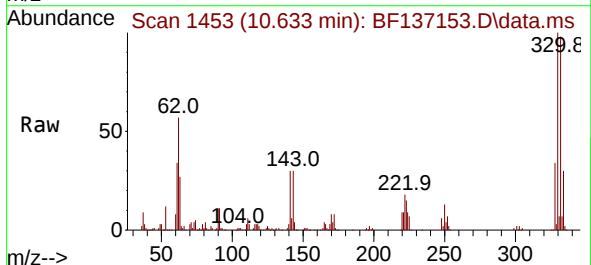
Instrument :
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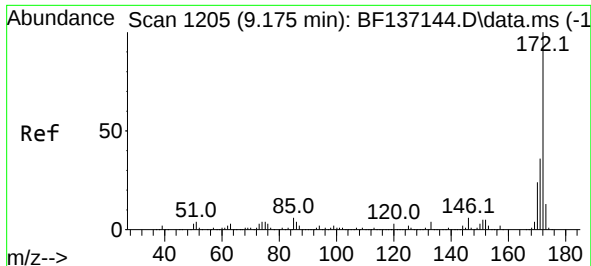
Tgt Ion:164 Resp: 153087
Ion Ratio Lower Upper
164 100
162 96.4 77.5 116.3
160 43.7 34.7 52.1



#42
2,4,6-Tribromophenol
Concen: 137.082 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion:330 Resp: 220754
Ion Ratio Lower Upper
330 100
332 96.6 75.4 113.0
141 30.2 24.8 37.2





#45

2-Fluorobiphenyl

Concen: 79.644 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA_F

ClientSampleId :

72-11985

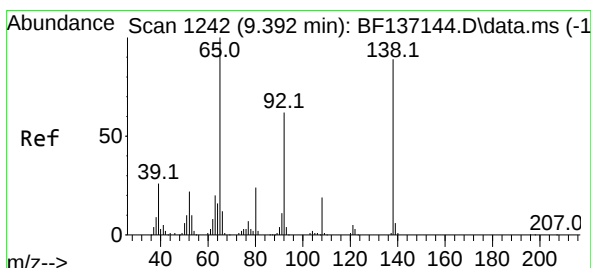
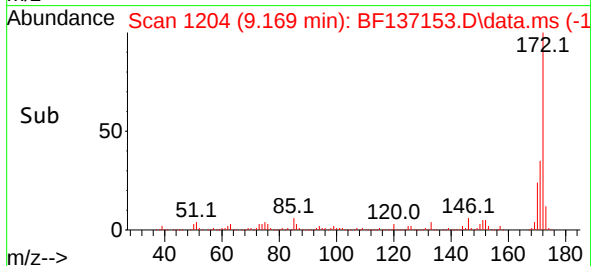
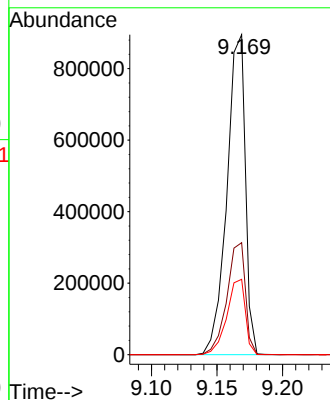
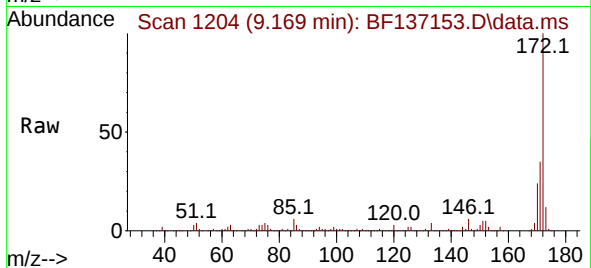
Tgt Ion:172 Resp: 875786

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.6 18.8 28.2



#48

2-Nitroaniline

Concen: 4.686 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.229 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

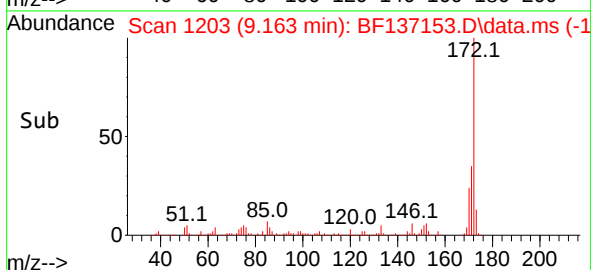
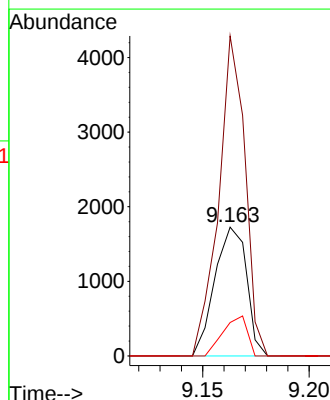
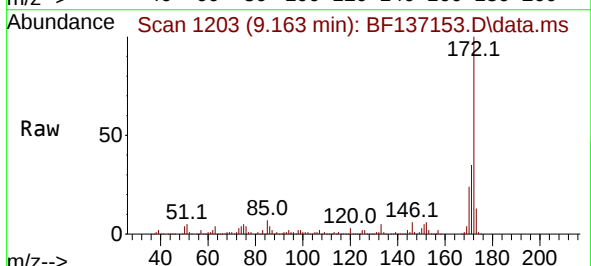
Tgt Ion: 65 Resp: 1790

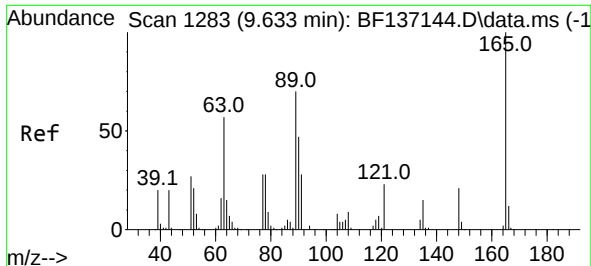
Ion Ratio Lower Upper

65 100

92 248.5 49.4 74.2#

138 26.0 70.8 106.2#





#51

2,6-Dinitrotoluene

Concen: 11.708 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

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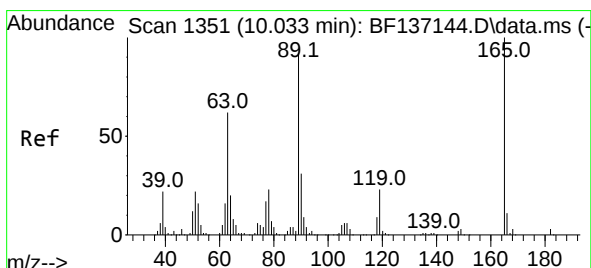
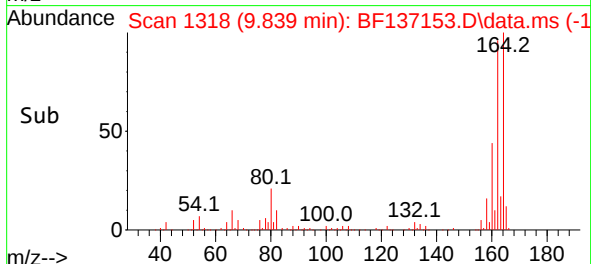
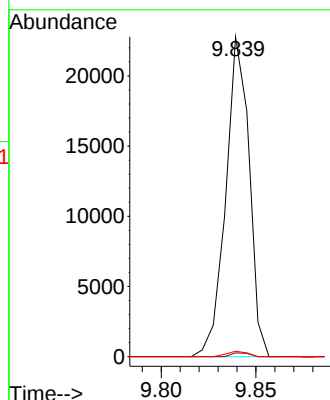
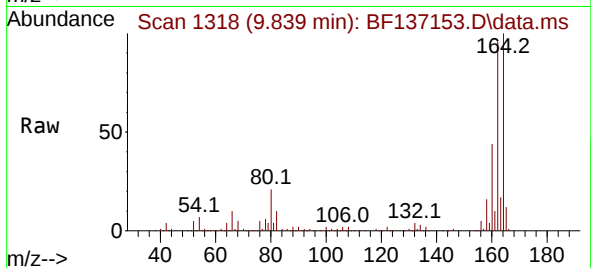
Tgt Ion:165 Resp: 19576

Ion Ratio Lower Upper

165 100

63 1.2 64.4 96.6#

89 1.7 55.7 83.5#



#57

2,4-Dinitrotoluene

Concen: 11.043 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.194 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Tgt Ion:165 Resp: 19576

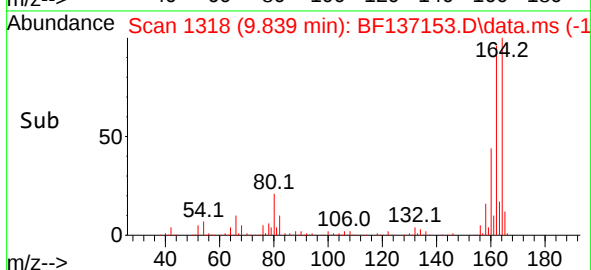
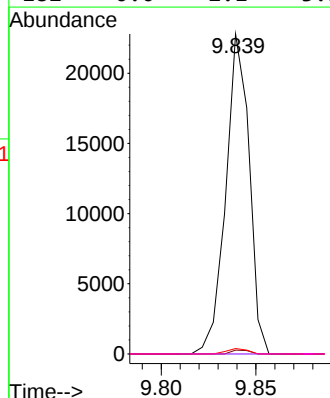
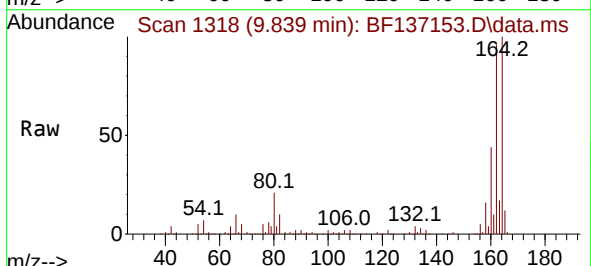
Ion Ratio Lower Upper

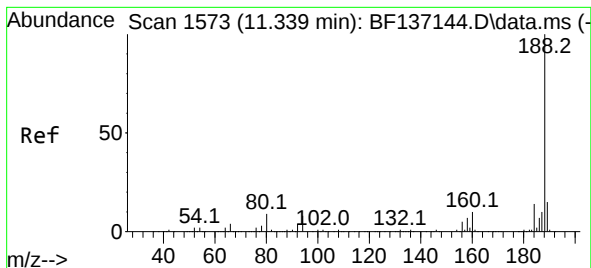
165 100

63 1.2 49.4 74.2#

89 1.7 73.5 110.3#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

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72-11985

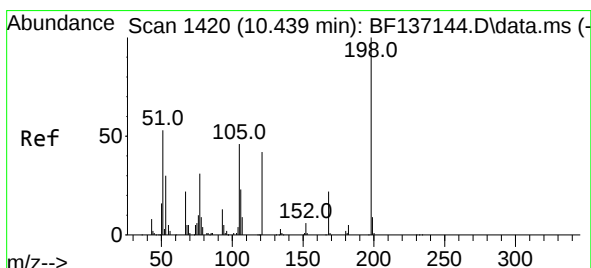
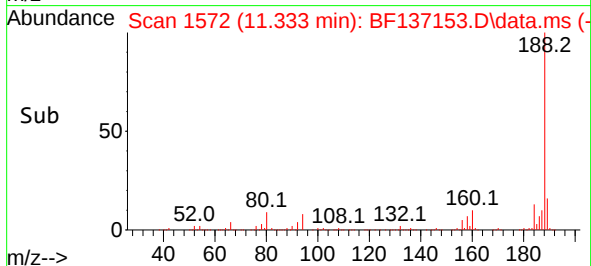
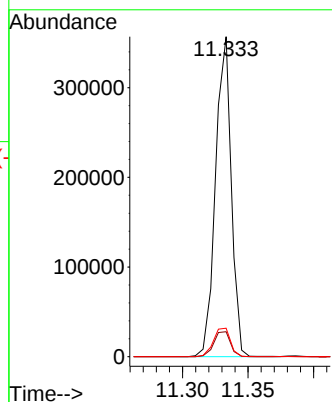
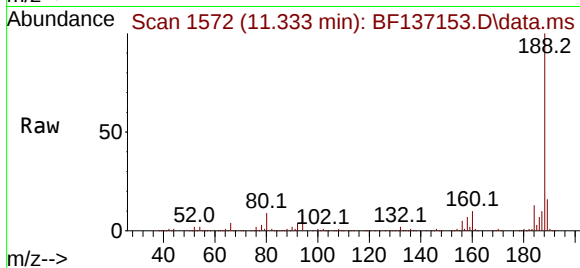
Tgt Ion:188 Resp: 297555

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.9 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.528 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.194 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

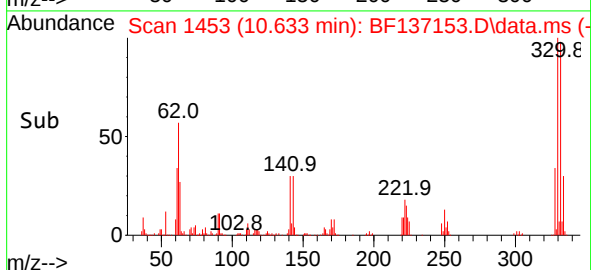
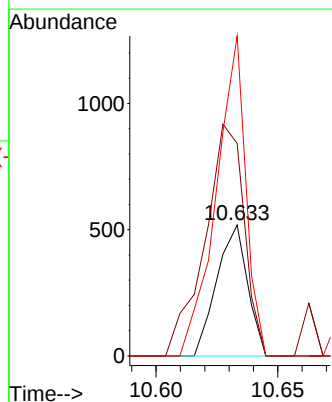
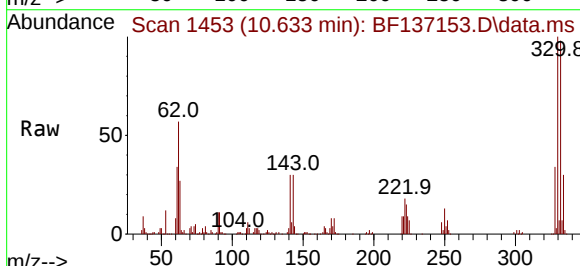
Tgt Ion:198 Resp: 455

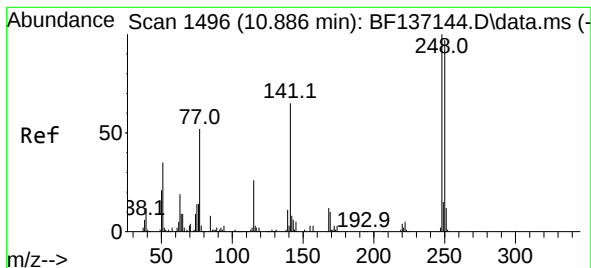
Ion Ratio Lower Upper

198 100

51 162.4 44.7 84.7#

105 244.6 28.2 68.2#

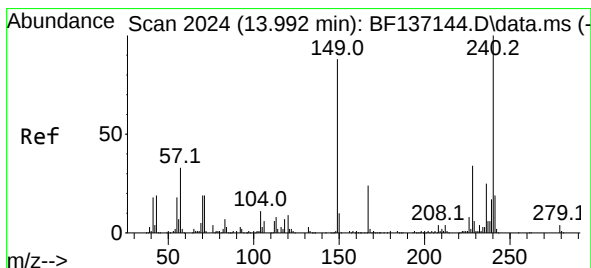
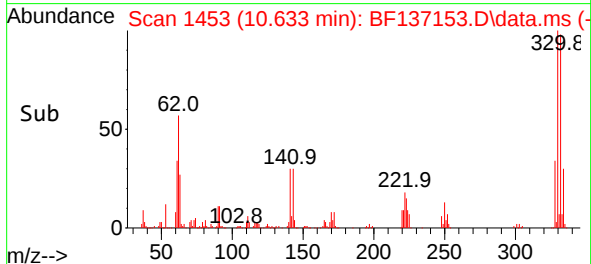
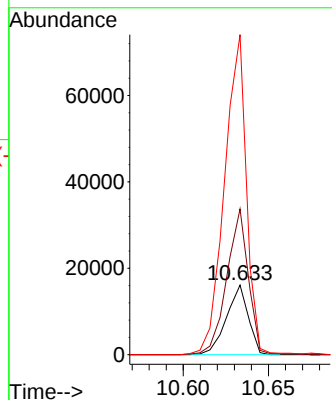
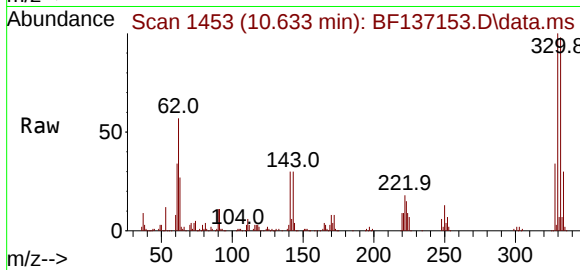




#67
4-Bromophenyl-phenylether
Concen: 4.193 ng
RT: 10.633 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

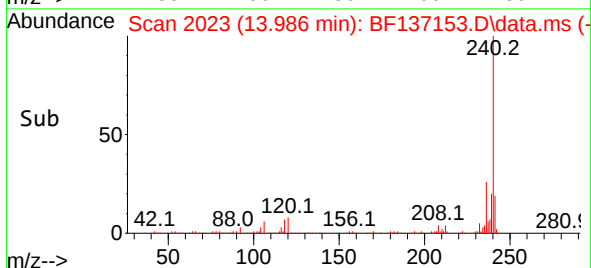
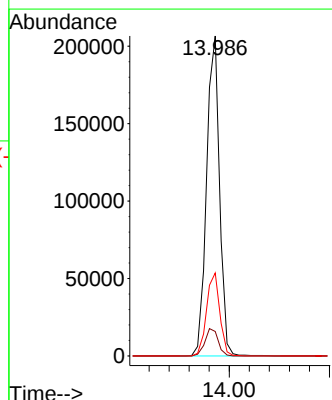
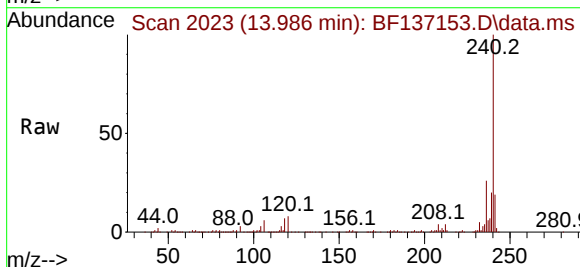
Instrument :
BNA_F
ClientSampleId :
72-11985

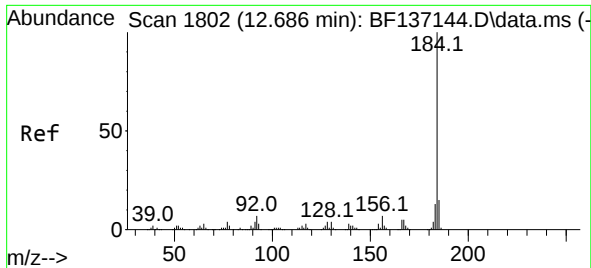
Tgt Ion:248 Resp: 14376
Ion Ratio Lower Upper
248 100
250 209.1 77.7 116.5#
141 459.2 52.3 78.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion:240 Resp: 186184
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.9 20.4 30.6

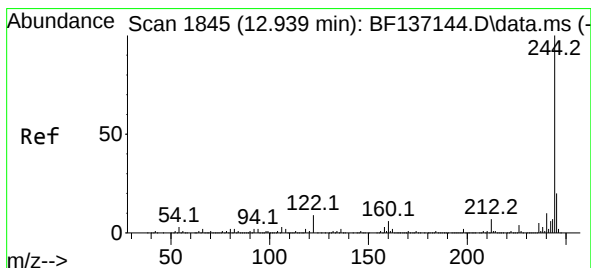
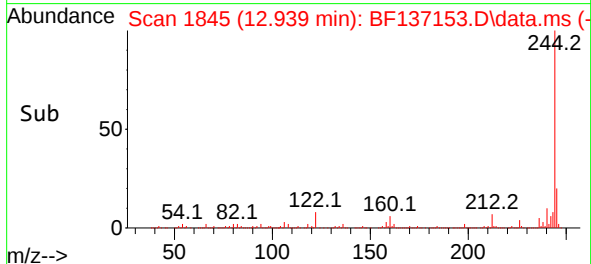
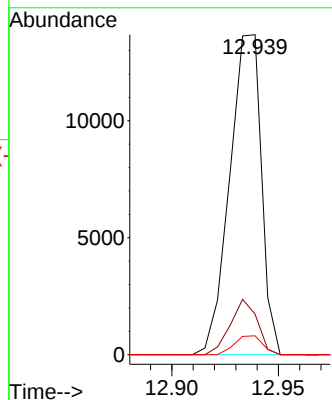
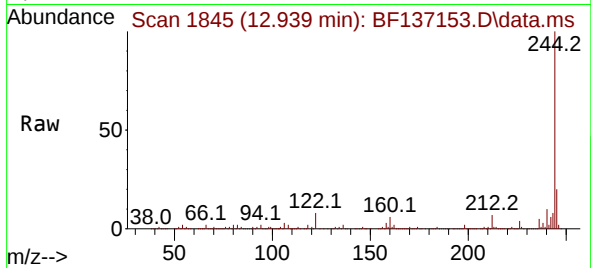




#77
Benzidine
Concen: 3.923 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

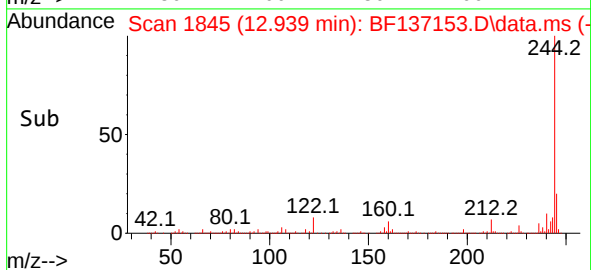
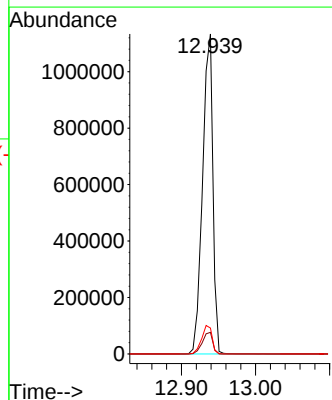
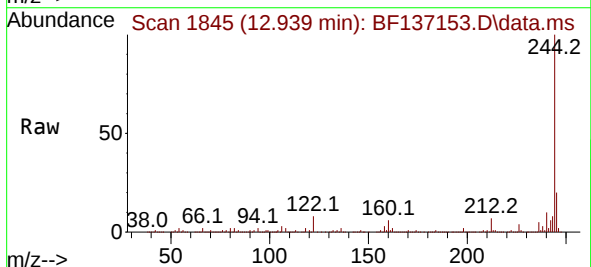
Instrument :
BNA_F
ClientSampleId :
72-11985

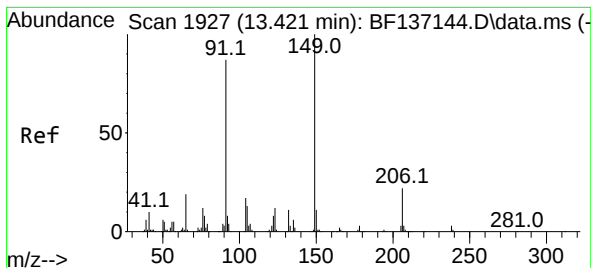
Tgt Ion:184 Resp: 14164
Ion Ratio Lower Upper
184 100
185 12.7 12.2 18.4
183 5.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 84.535 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137153.D
Acq: 25 Jan 2024 18:04

Tgt Ion:244 Resp: 1100654
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.1 7.3 10.9





#80

Butylbenzylphthalate

Concen: 4.211 ng

RT: 13.421 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA_F

ClientSampleId :

72-11985

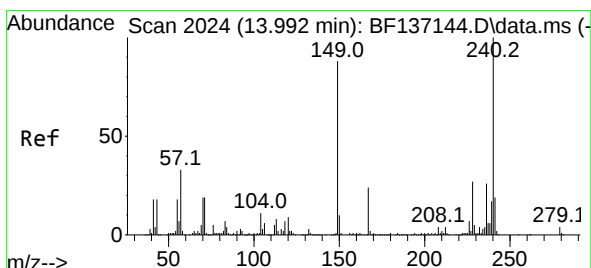
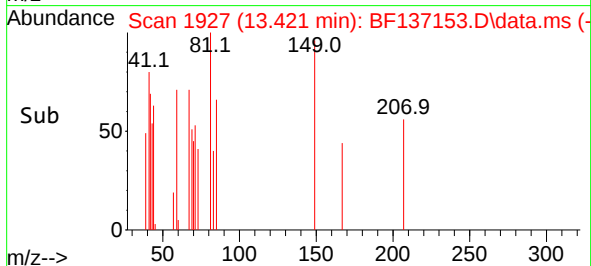
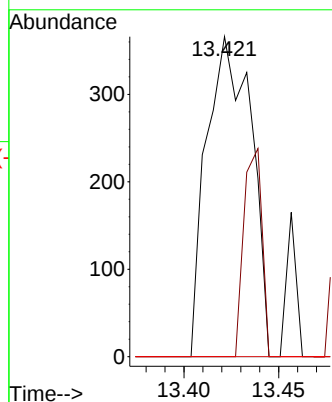
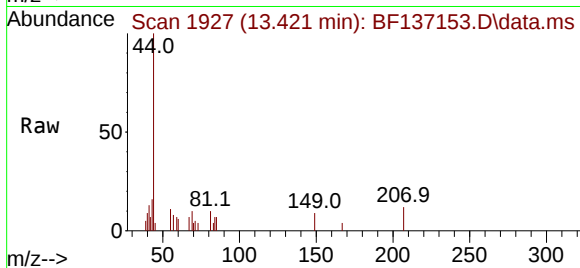
Tgt Ion:149 Resp: 600

Ion Ratio Lower Upper

149 100

91 0.0 69.4 104.0#

206 0.0 17.4 26.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.435 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

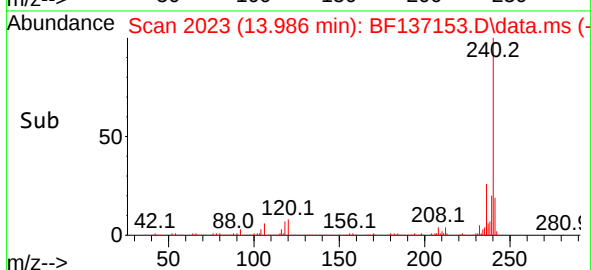
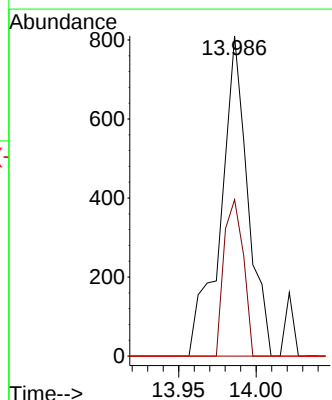
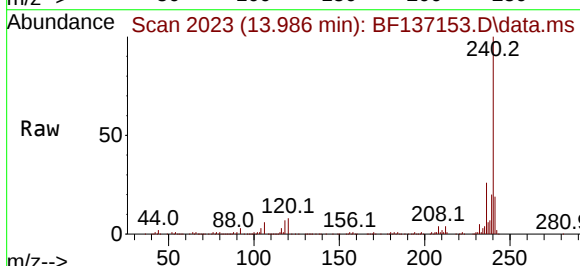
Tgt Ion:149 Resp: 988

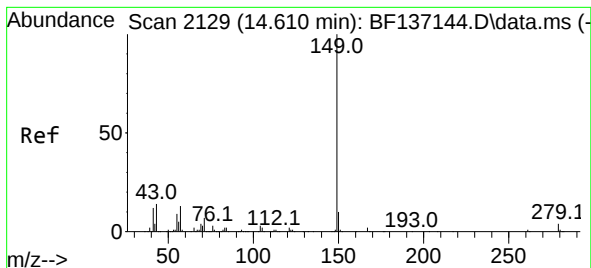
Ion Ratio Lower Upper

149 100

167 48.9 21.7 32.5#

279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 8.791 ng

RT: 14.639 min Scan# 2129

Delta R.T. 0.029 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Instrument :

BNA_F

ClientSampleId :

72-11985

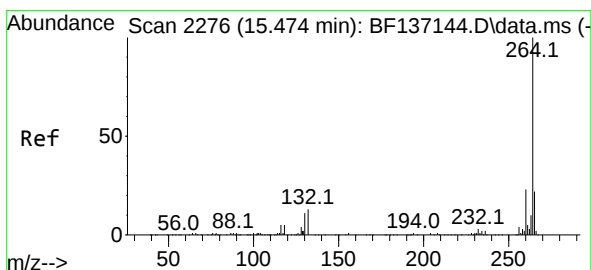
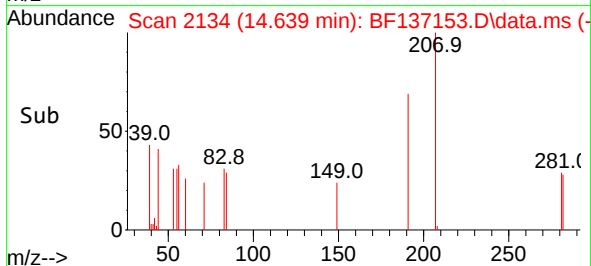
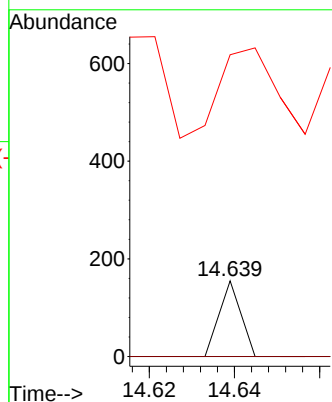
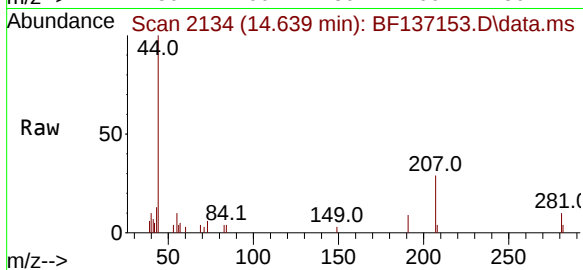
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 303.6 11.2 16.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137153.D

Acq: 25 Jan 2024 18:04

Tgt Ion:264 Resp: 172568

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 19.9 17.2 25.8

