

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137152.D
 Acq On : 25 Jan 2024 17:32
 Operator : CG\JU
 Sample : PB158616TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158616TB

Quant Time: Jan 26 10:16:56 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)

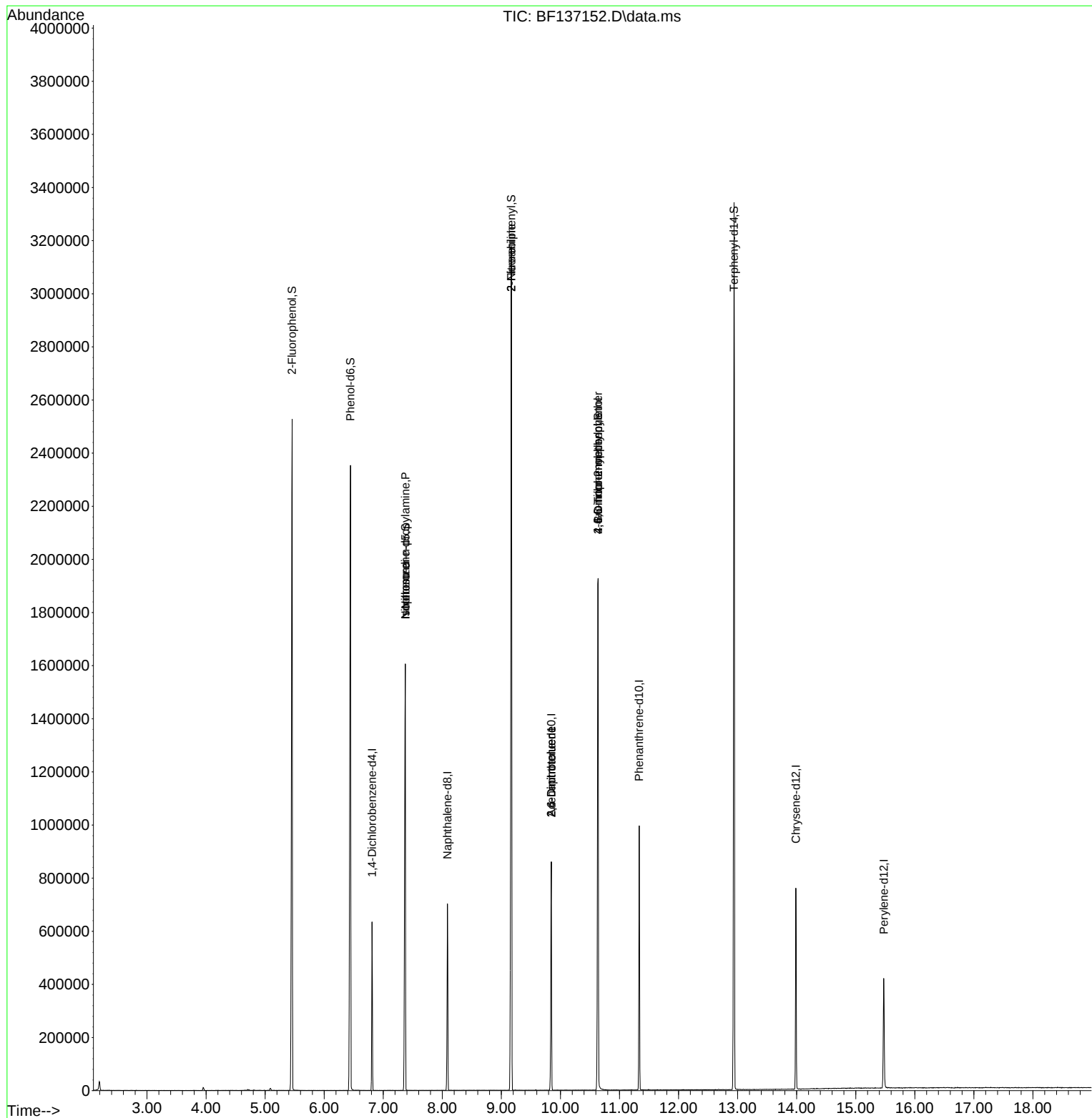
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	76011	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	296697	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	172933	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	336126	20.000	ng	0.00
76) Chrysene-d12	13.986	240	246187	20.000	ng	0.00
86) Perylene-d12	15.474	264	193298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	671277	130.839	ng	0.02
7) Phenol-d6	6.445	99	875817	129.833	ng	0.00
23) Nitrobenzene-d5	7.375	82	585090	92.444	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	254103	139.683	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1055992	85.011	ng	0.00
79) Terphenyl-d14	12.939	244	1334885	77.536	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	79745	17.473	ng	# 79
25) Isophorone	7.375	82	585082	46.816	ng	# 70
48) 2-Nitroaniline	9.169	65	2089	4.704	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	21521	11.471	ng	# 13
57) 2,4-Dinitrotoluene	9.845	165	21521	10.862	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.639	198	636	8.603	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	17316	4.471	ng	# 1

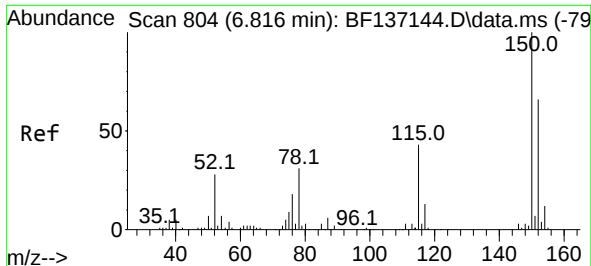
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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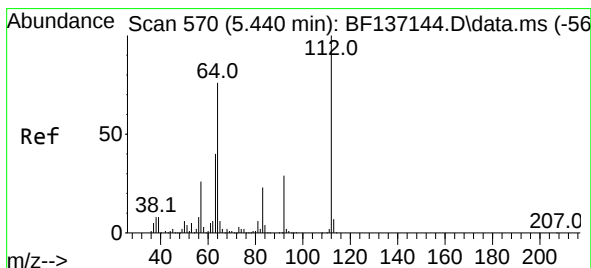
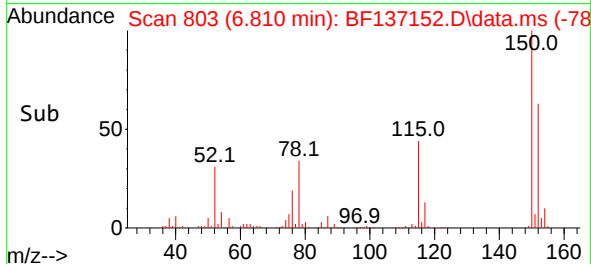
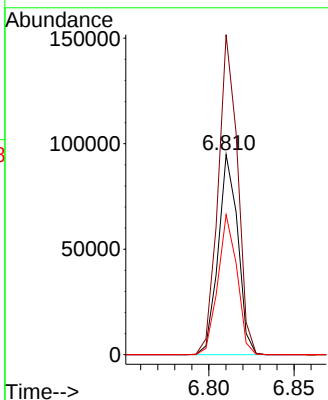
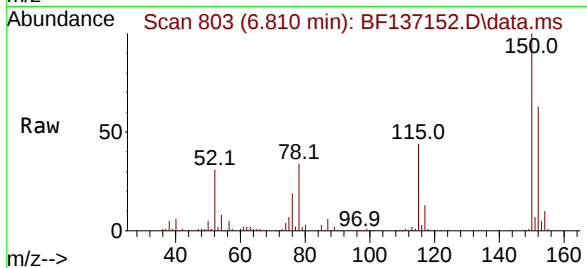




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

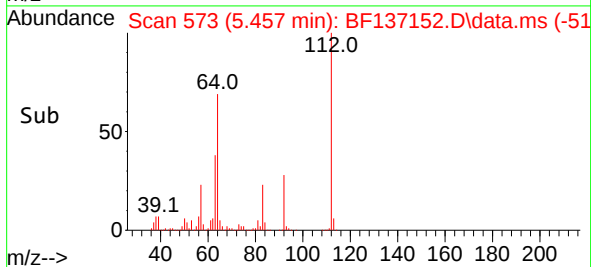
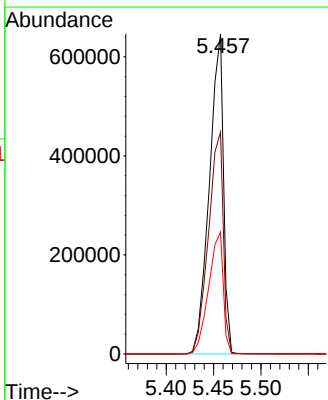
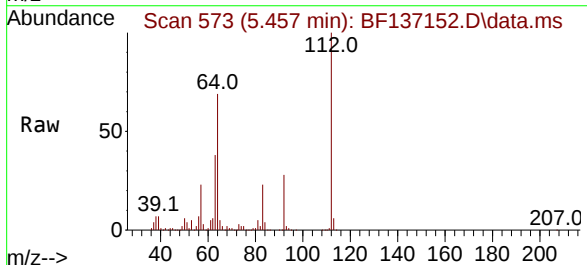
Instrument :
BNA_F
ClientSampleId :
PB158616TB

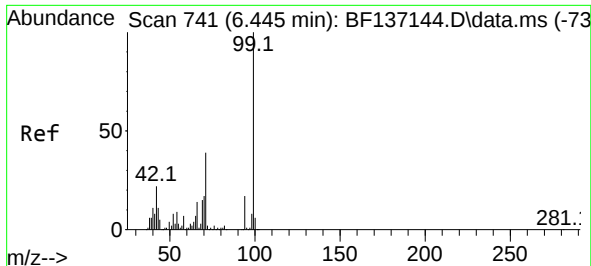
Tgt Ion:152 Resp: 76011
Ion Ratio Lower Upper
152 100
150 159.9 121.2 181.8
115 69.9 52.5 78.7



#5
2-Fluorophenol
Concen: 130.839 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion:112 Resp: 671277
Ion Ratio Lower Upper
112 100
64 69.4 60.8 91.2
63 38.1 32.1 48.1

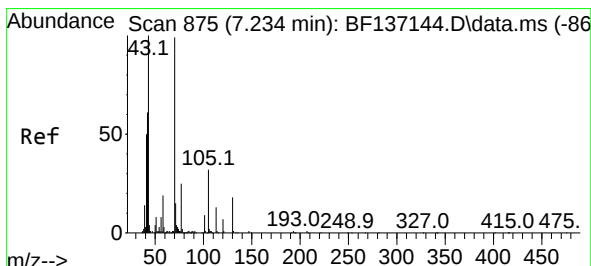
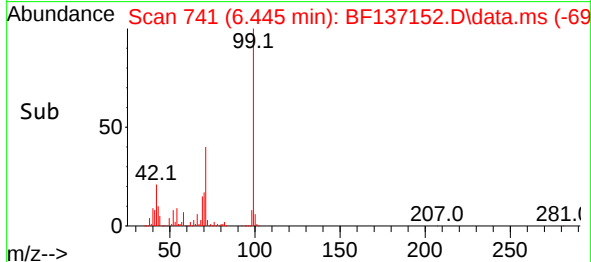
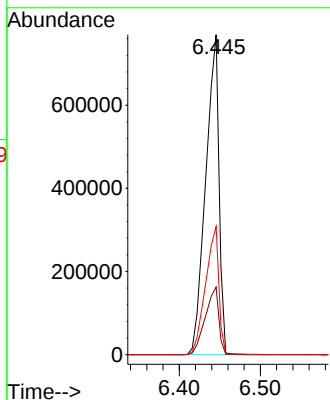
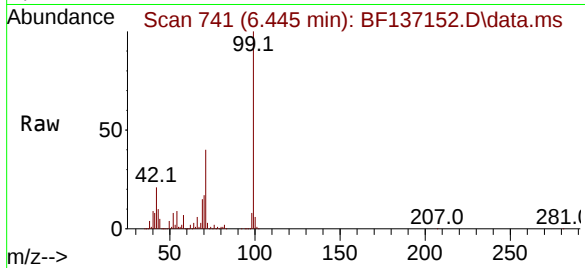




#7
Phenol-d6
Concen: 129.833 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

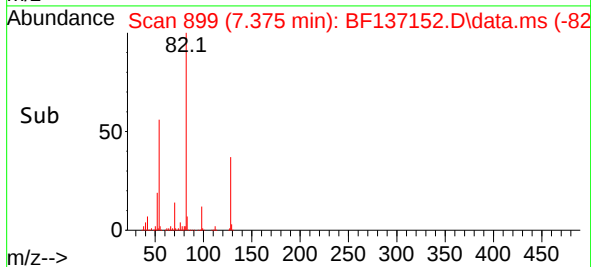
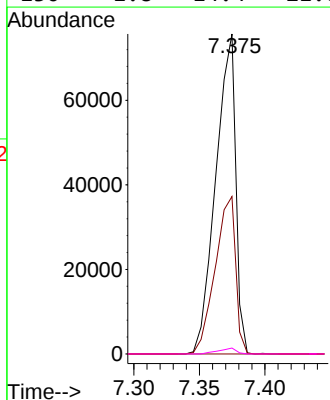
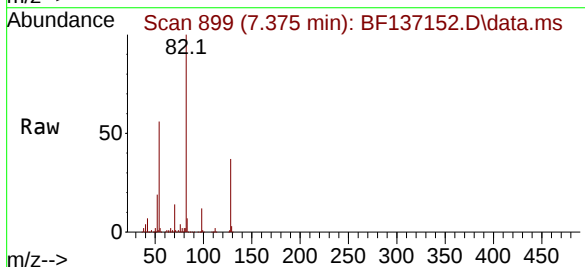
Instrument :
BNA_F
ClientSampleId :
PB158616TB

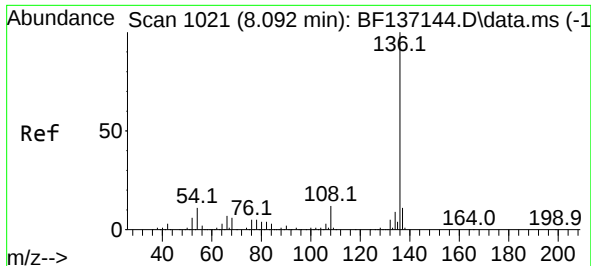
Tgt Ion: 99 Resp: 875817
Ion Ratio Lower Upper
99 100
42 21.1 17.5 26.3
71 40.0 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.473 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion: 70 Resp: 79745
Ion Ratio Lower Upper
70 100
42 49.2 49.3 73.9#
101 0.0 7.4 11.0#
130 1.8 14.4 21.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

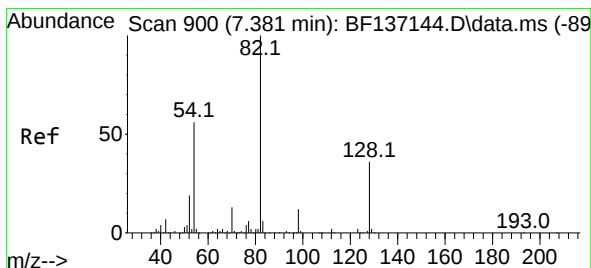
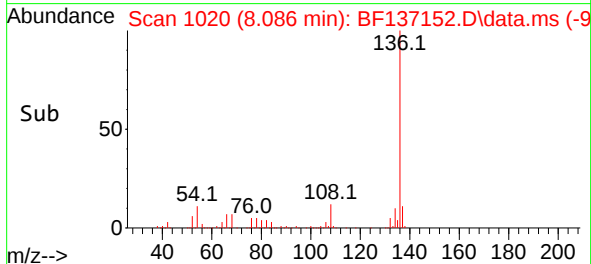
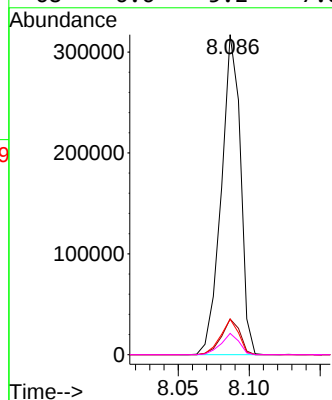
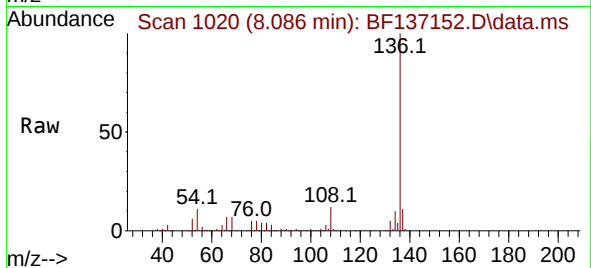
Instrument :

BNA_F

ClientSampleId :

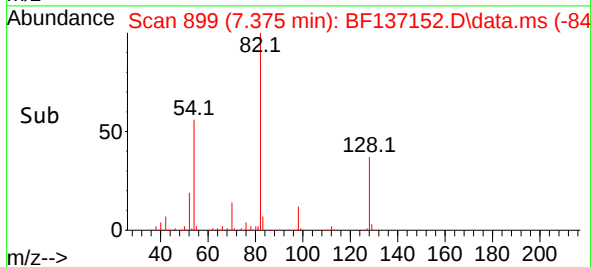
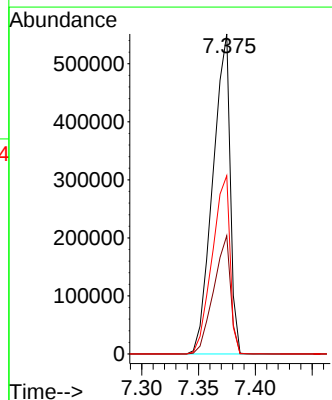
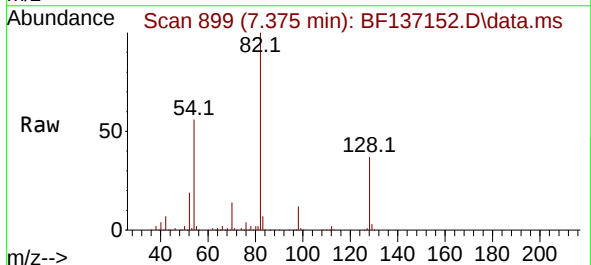
PB158616TB

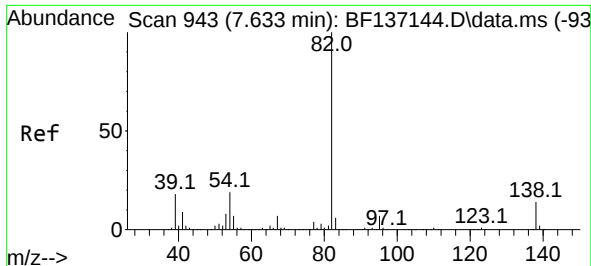
Tgt Ion:136 Resp: 296697
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 11.1 8.8 13.2
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 92.444 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion: 82 Resp: 585090
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.6
54 55.7 44.6 67.0

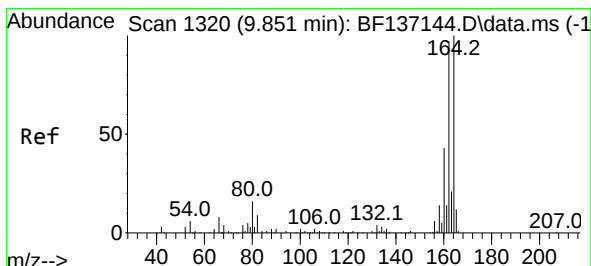
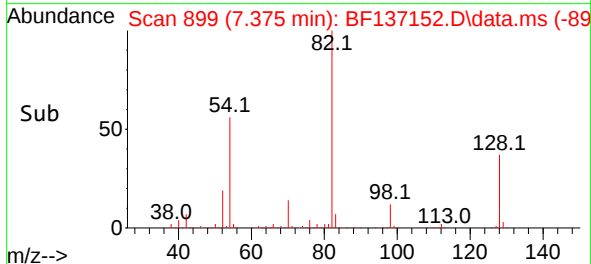
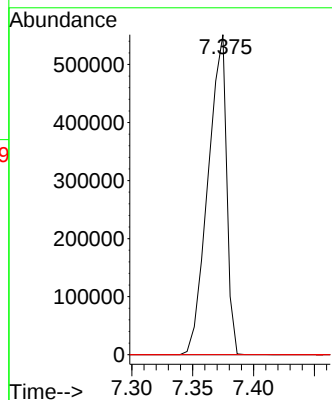
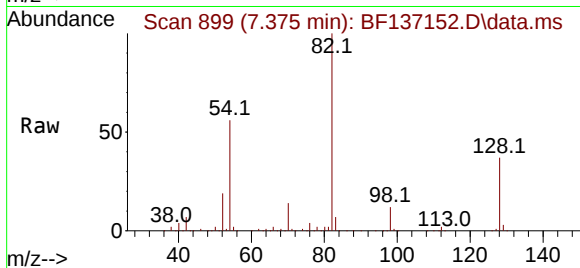




#25
Isophorone
Concen: 46.816 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.258 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

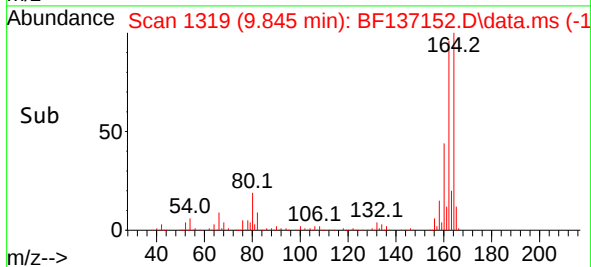
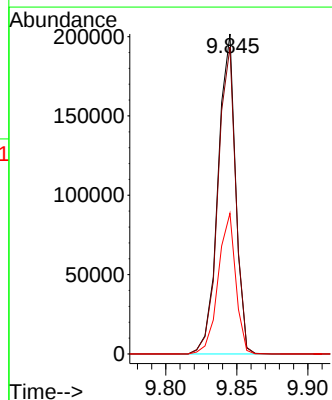
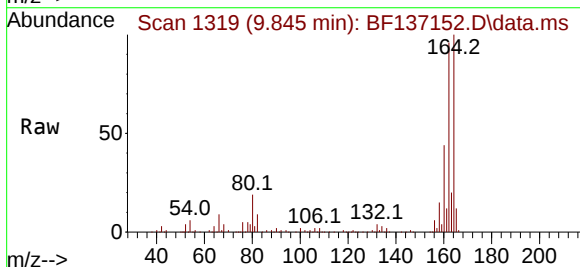
Instrument :
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ClientSampleId :
PB158616TB

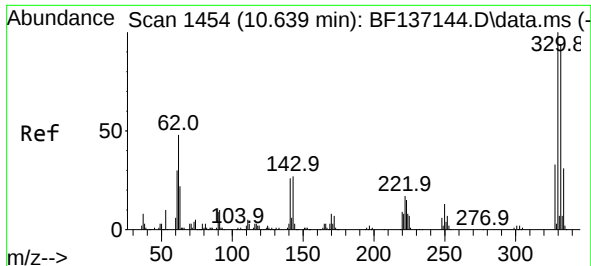
Tgt Ion: 82 Resp: 585082
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion:164 Resp: 172933
Ion Ratio Lower Upper
164 100
162 95.9 77.5 116.3
160 44.0 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 139.683 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

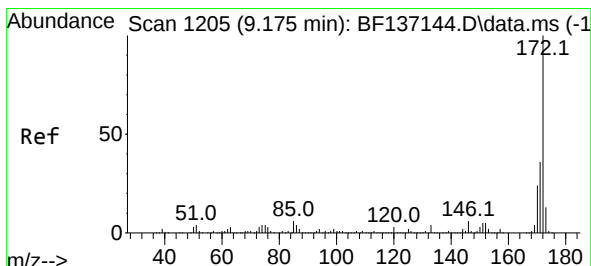
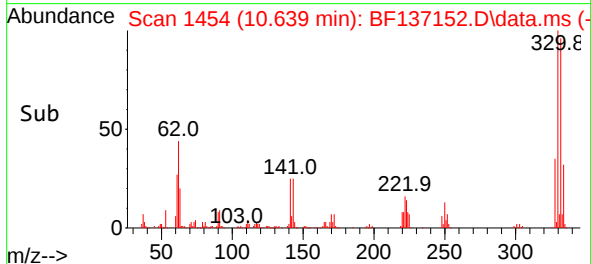
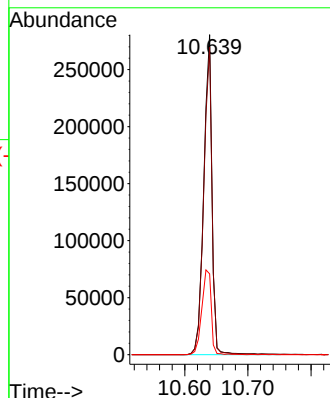
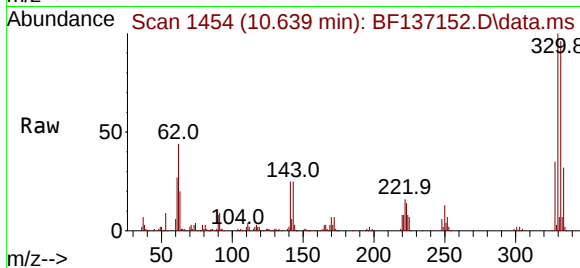
Tgt Ion:330 Resp: 254103

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.0

141 30.2 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 85.011 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

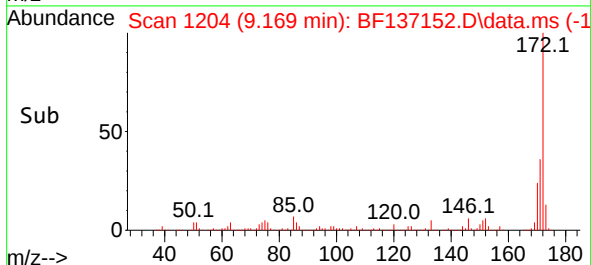
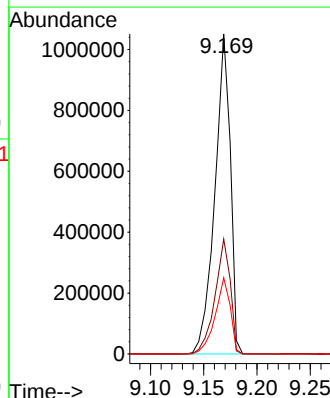
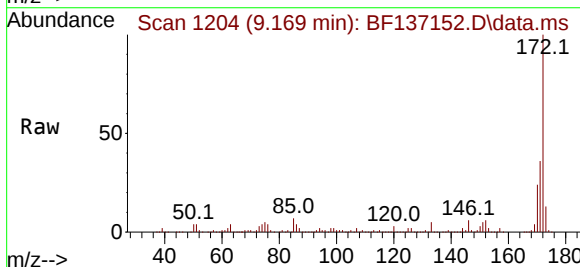
Tgt Ion:172 Resp: 1055992

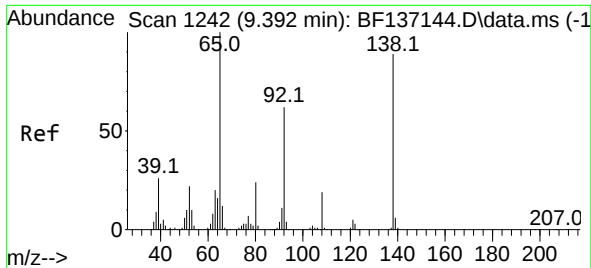
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.8 18.8 28.2

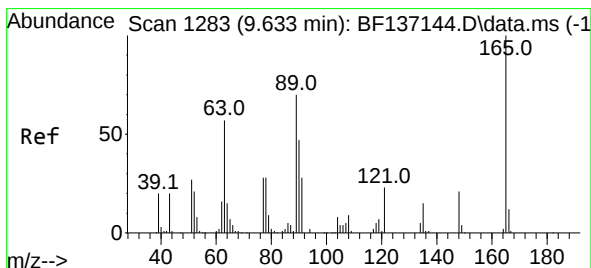
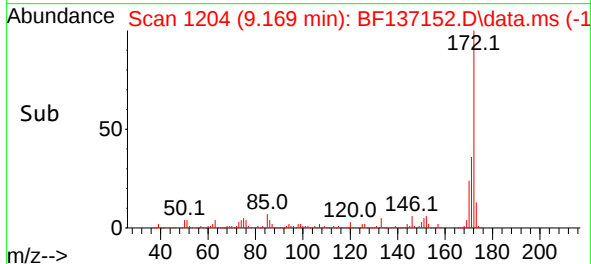
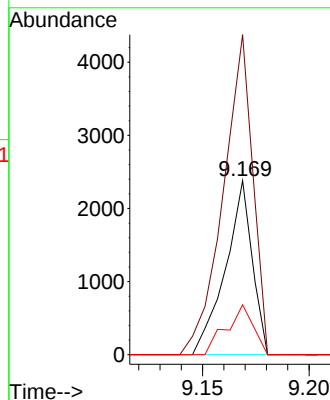
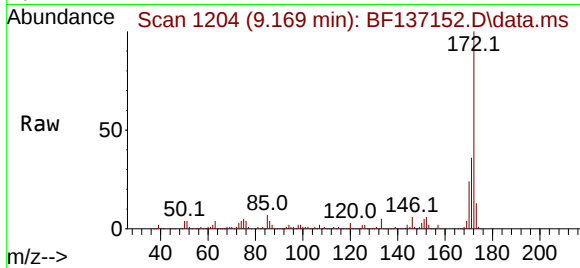




#48
2-Nitroaniline
Concen: 4.704 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

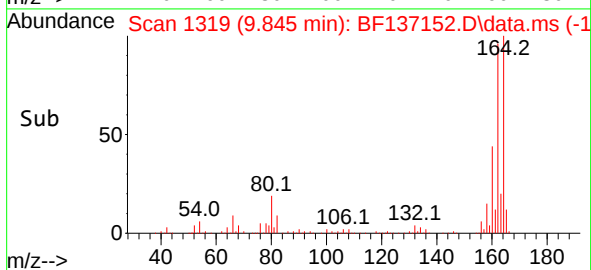
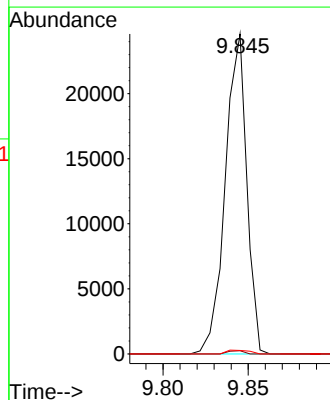
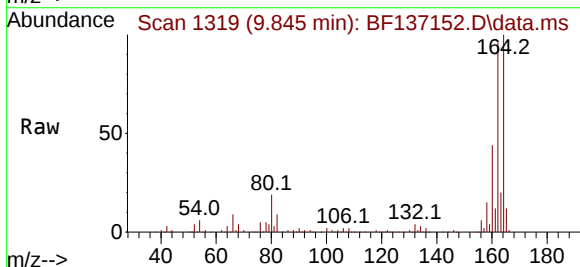
Instrument :
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PB158616TB

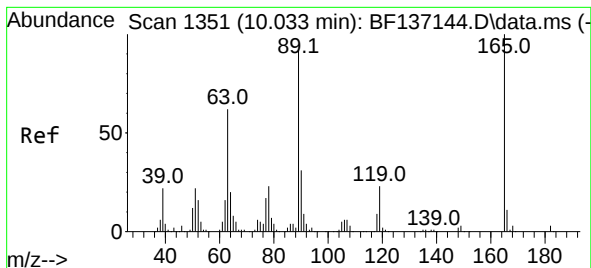
Tgt Ion: 65 Resp: 2089
Ion Ratio Lower Upper
65 100
92 183.8 49.4 74.2#
138 28.7 70.8 106.2#



#51
2,6-Dinitrotoluene
Concen: 11.471 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.212 min
Lab File: BF137152.D
Acq: 25 Jan 2024 17:32

Tgt Ion: 165 Resp: 21521
Ion Ratio Lower Upper
165 100
63 1.0 64.4 96.6#
89 1.1 55.7 83.5#





#57

2,4-Dinitrotoluene

Concen: 10.862 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.188 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

Tgt Ion:165 Resp: 21521

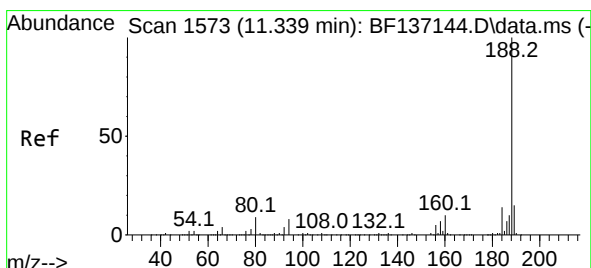
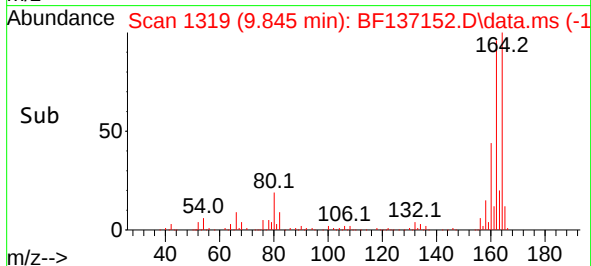
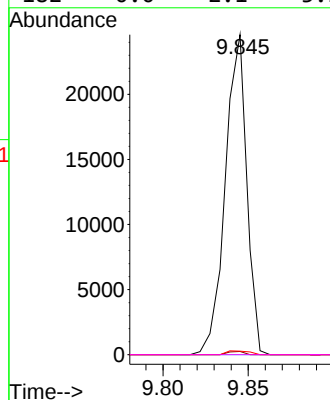
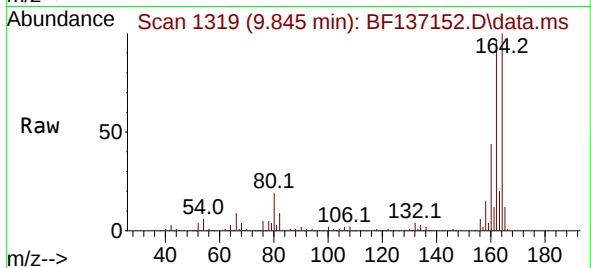
Ion Ratio Lower Upper

165 100

63 1.0 49.4 74.2#

89 1.1 73.5 110.3#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

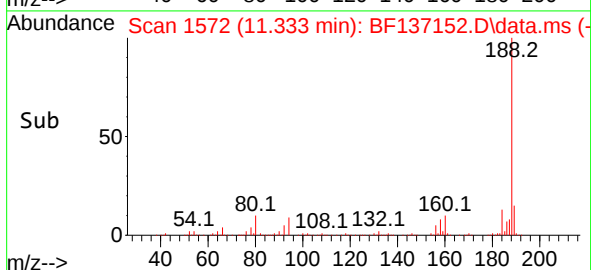
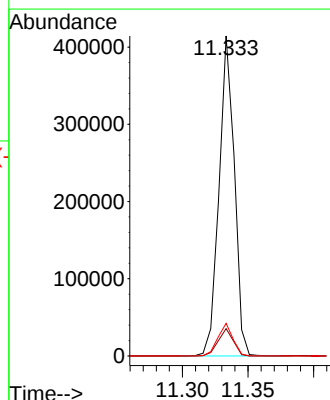
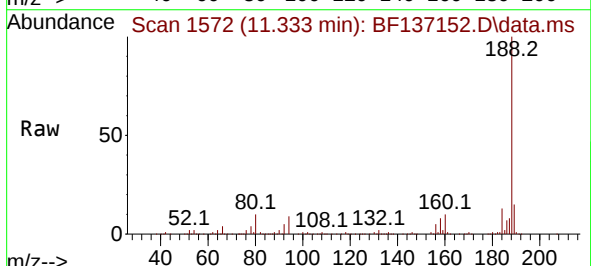
Tgt Ion:188 Resp: 336126

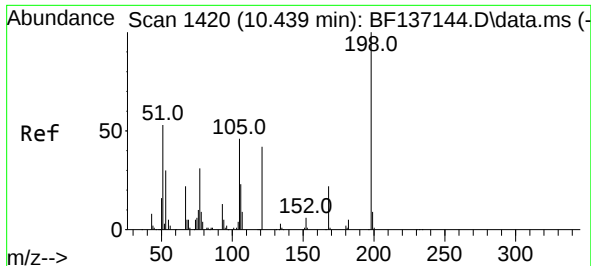
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 10.2 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.603 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.200 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

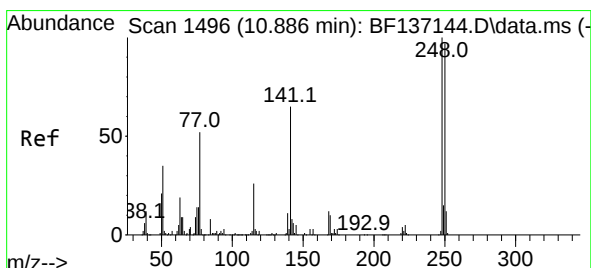
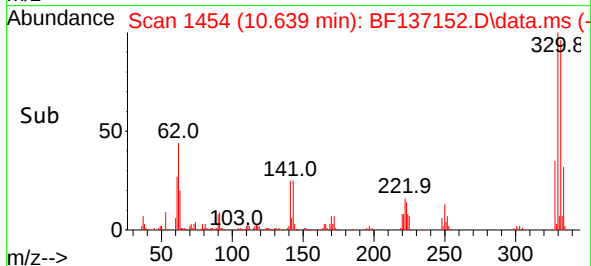
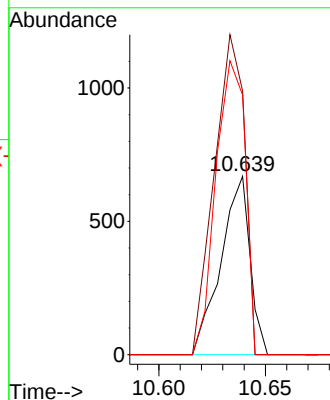
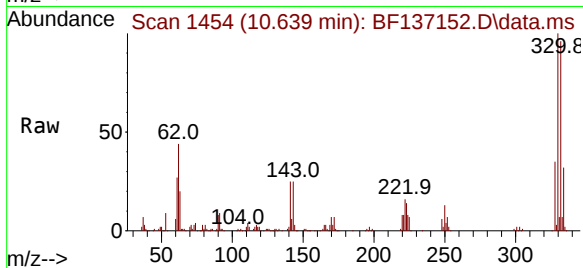
Tgt Ion:198 Resp: 636

Ion Ratio Lower Upper

198 100

51 147.8 44.7 84.7#

105 145.4 28.2 68.2#



#67

4-Bromophenyl-phenylether

Concen: 4.471 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

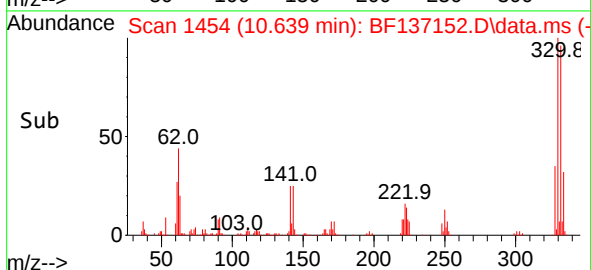
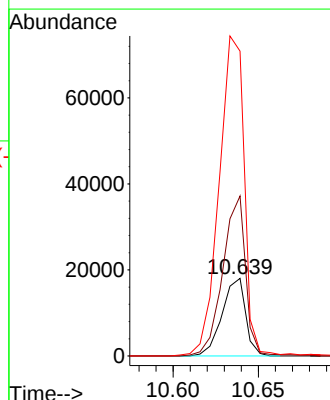
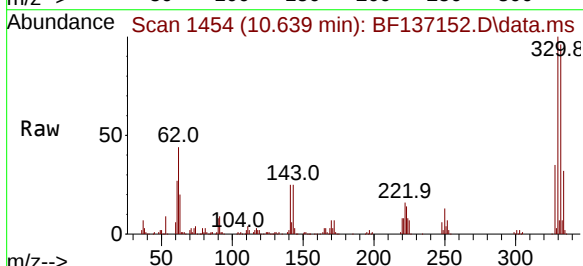
Tgt Ion:248 Resp: 17316

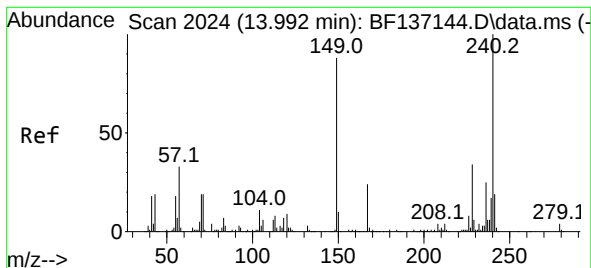
Ion Ratio Lower Upper

248 100

250 206.3 77.7 116.5#

141 393.0 52.3 78.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB158616TB

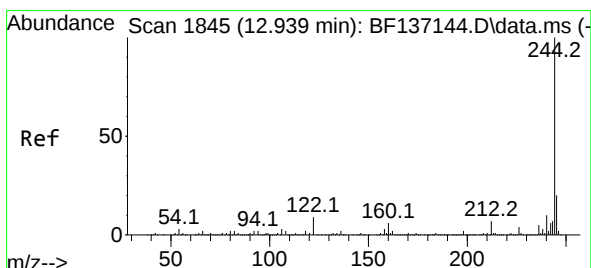
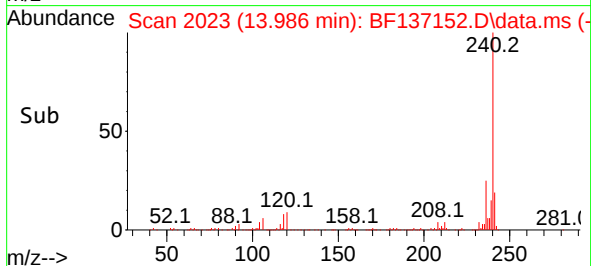
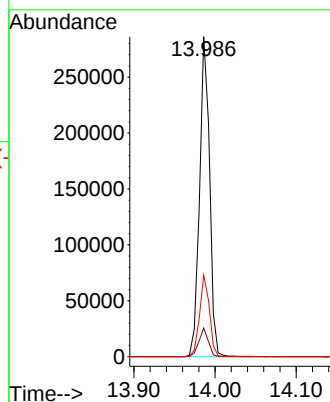
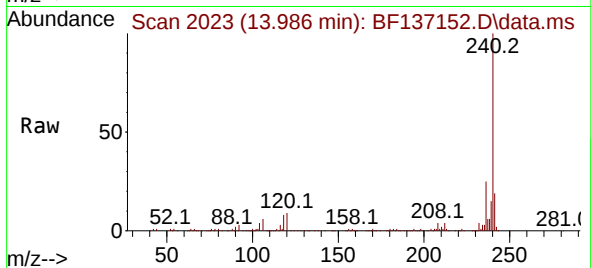
Tgt Ion:240 Resp: 246187

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.5 20.4 30.6



#79

Terphenyl-d14

Concen: 77.536 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137152.D

Acq: 25 Jan 2024 17:32

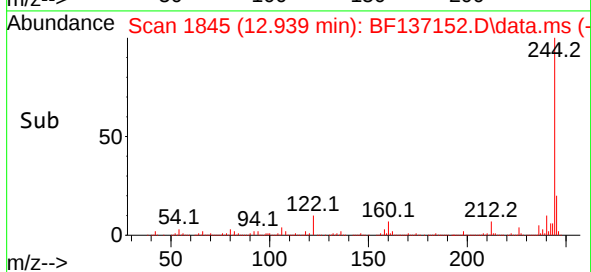
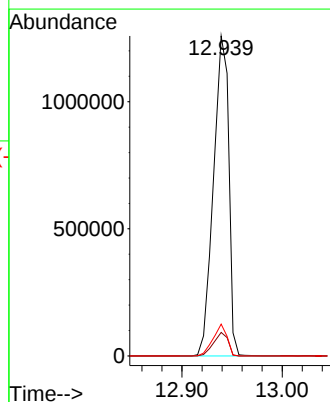
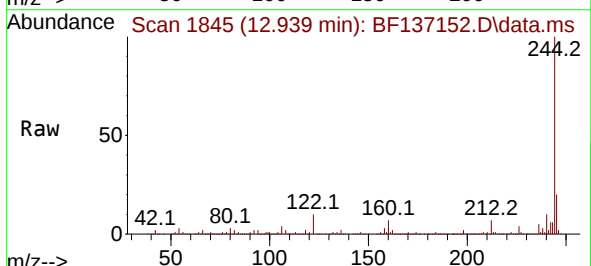
Tgt Ion:244 Resp: 1334885

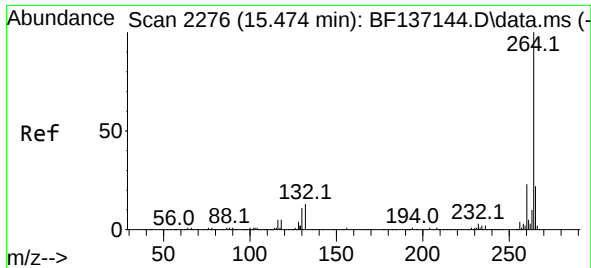
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.0 7.3 10.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137152.D
 Acq: 25 Jan 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 PB158616TB

Tgt Ion:264 Resp: 193298
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.1 17.2 25.8

