

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137518.D
 Acq On : 06 Mar 2024 14:55
 Operator : CG\JU
 Sample : P1672-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 06 15:17:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

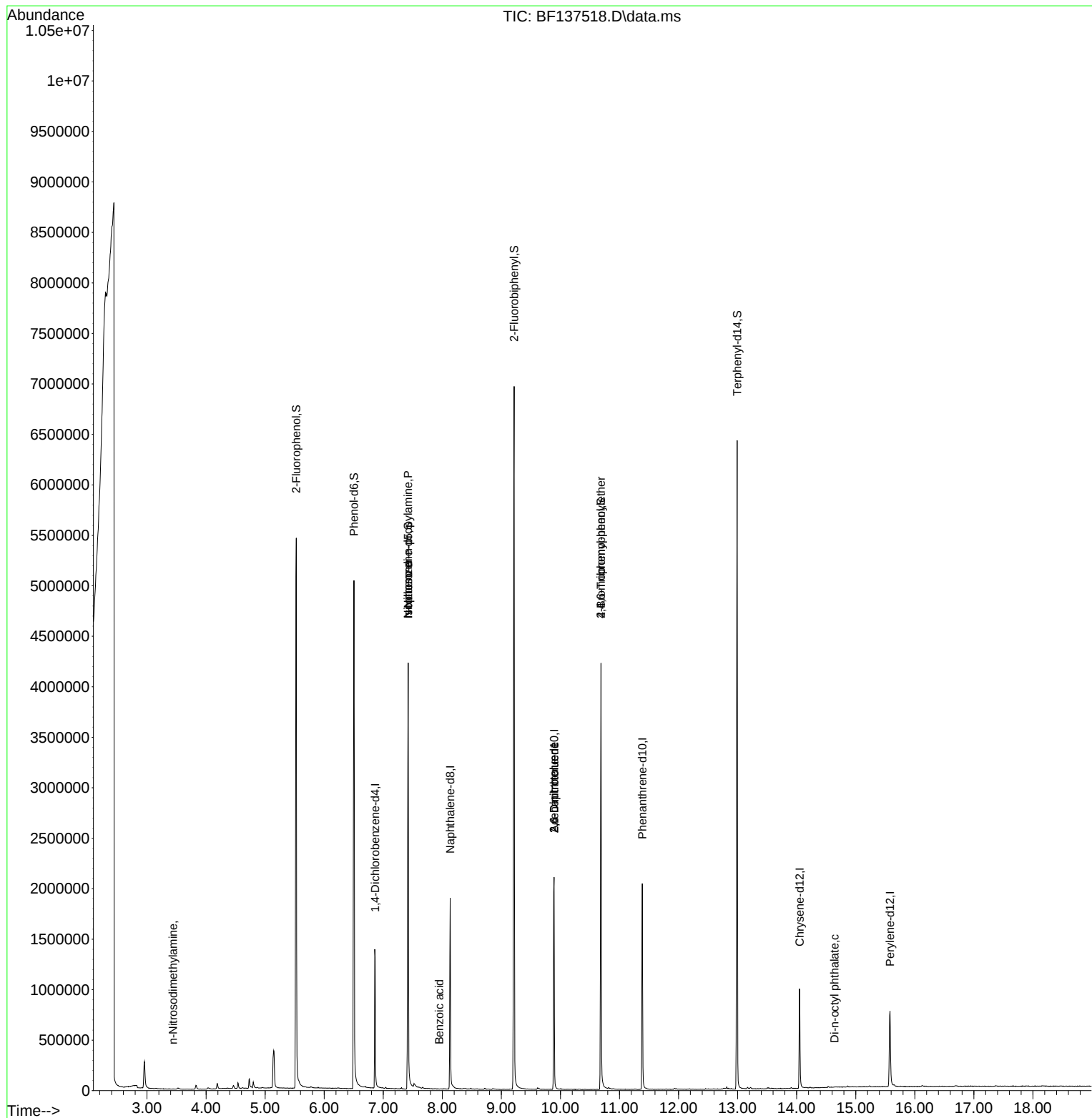
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	216661	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	848342	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	464874	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	743110	20.000	ng	0.00
76) Chrysene-d12	14.051	240	381778	20.000	ng	0.00
86) Perylene-d12	15.580	264	414902	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1644858	114.982	ng	0.02
7) Phenol-d6	6.504	99	2075513	100.512	ng	0.00
23) Nitrobenzene-d5	7.422	82	1514498	82.950	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	510821	125.128	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2359982	79.467	ng	0.00
79) Terphenyl-d14	12.992	244	2300328	82.854	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.440	42	567	3.877	ng	# 14
19) n-Nitroso-di-n-propyla...	7.422	70	197415	15.482	ng	# 79
25) Isophorone	7.422	82	1514489	43.661	ng	# 69
32) Benzoic acid	7.951	122	54	6.305	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	60147	8.886	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	60147	7.233	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	33695	4.163	ng	# 1
85) Di-n-octyl phthalate	14.639	149	553	5.628	ng	# 1

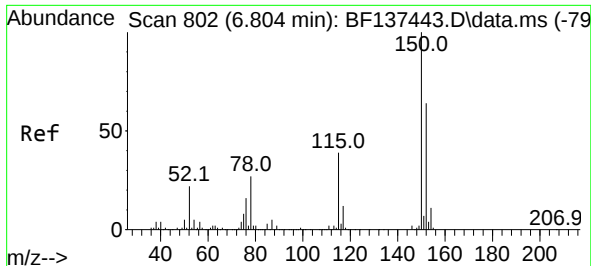
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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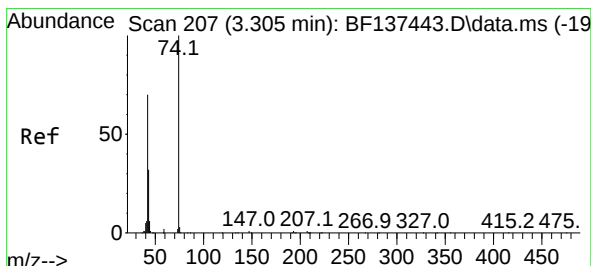
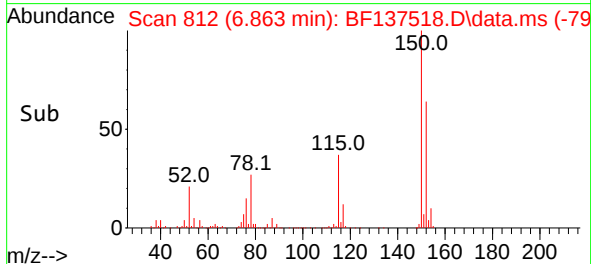
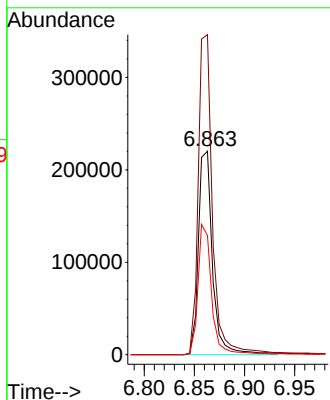
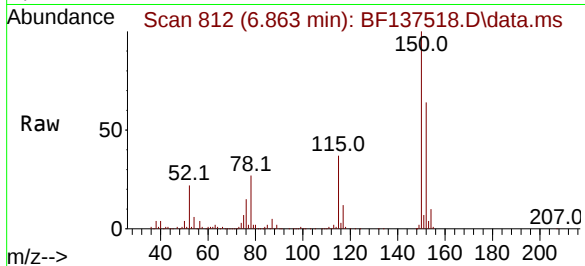




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

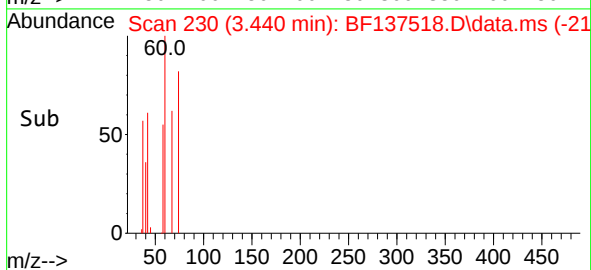
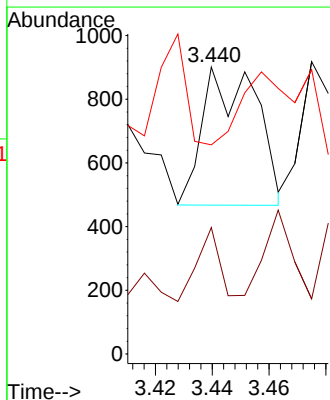
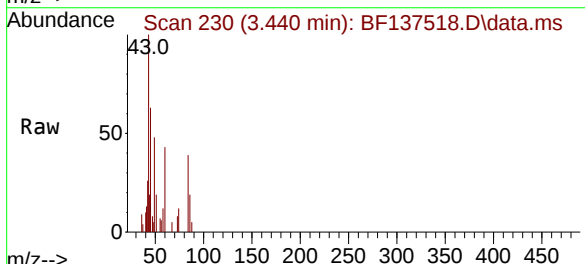
Instrument :
BNA_F
ClientSampleId :
TP-5

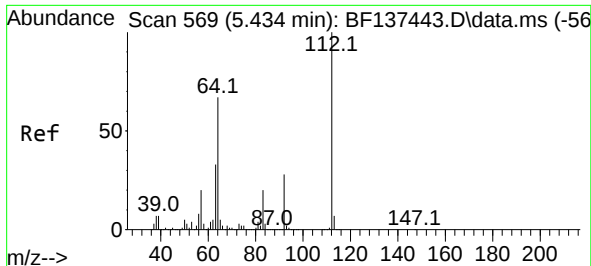
Tgt Ion:152 Resp: 216661
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 58.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.877 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion: 42 Resp: 567
Ion Ratio Lower Upper
42 100
74 44.1 114.0 171.0#
44 72.9 7.0 10.4#

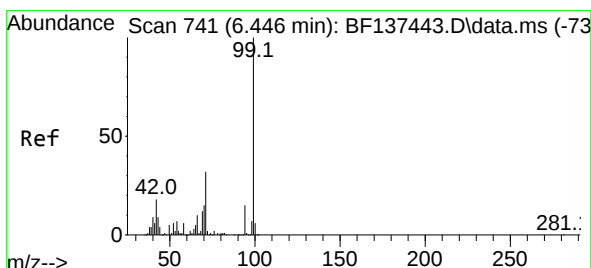
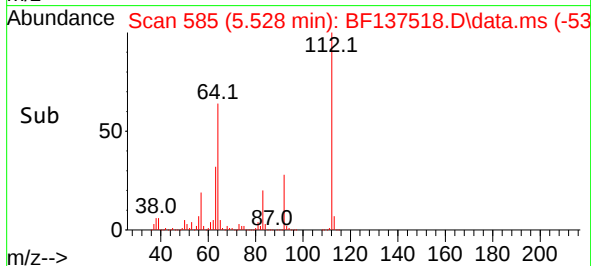
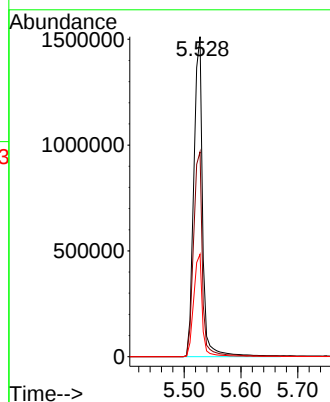
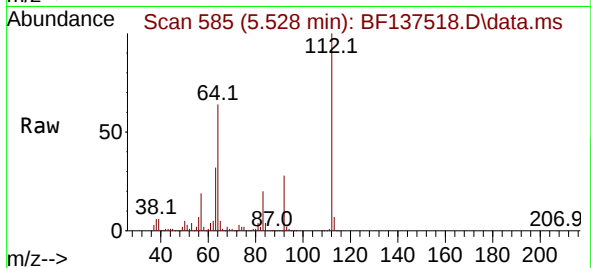




#5
2-Fluorophenol
Concen: 114.982 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

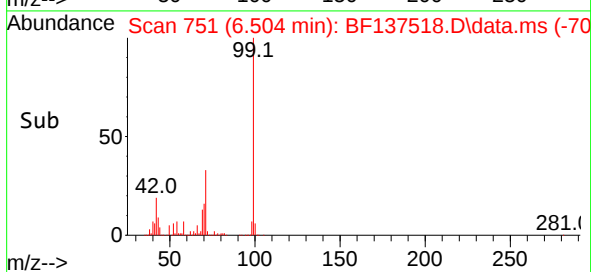
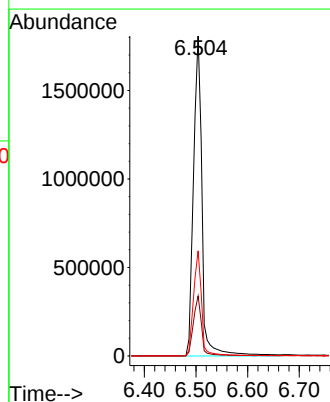
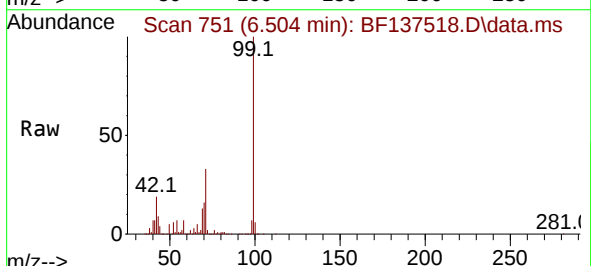
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:112 Resp: 1644858
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 32.0 26.2 39.2



#7
Phenol-d6
Concen: 100.512 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion: 99 Resp: 2075513
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 32.9 25.3 37.9

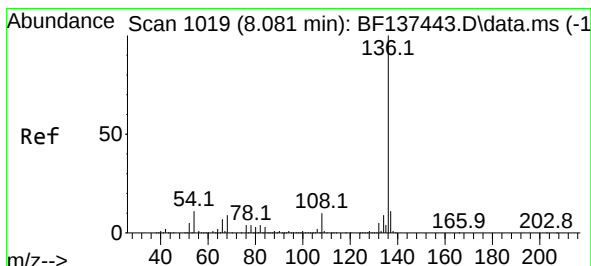
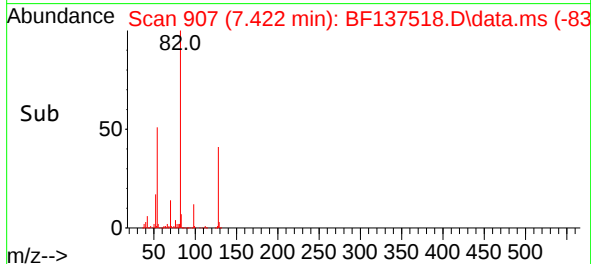
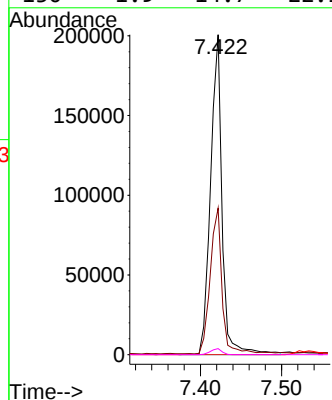
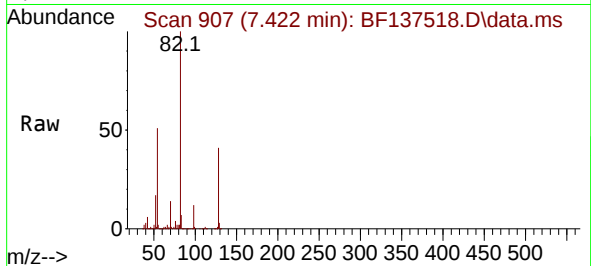




#19
n-Nitroso-di-n-propylamine
Concen: 15.482 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

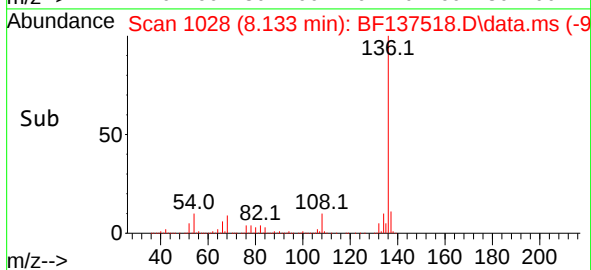
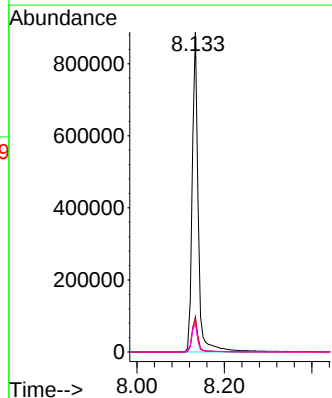
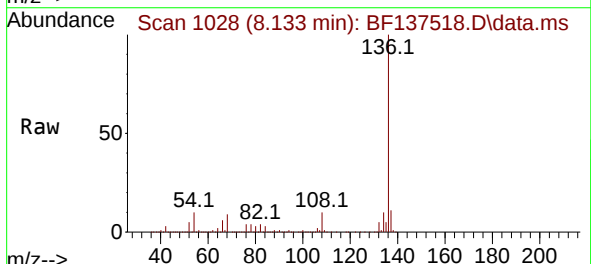
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 70 Resp: 197415
Ion Ratio Lower Upper
70 100
42 45.8 45.2 67.8
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion: 136 Resp: 848342
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.0 8.5 12.7
68 9.0 7.4 11.2

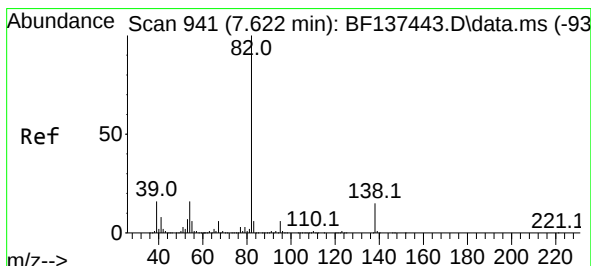
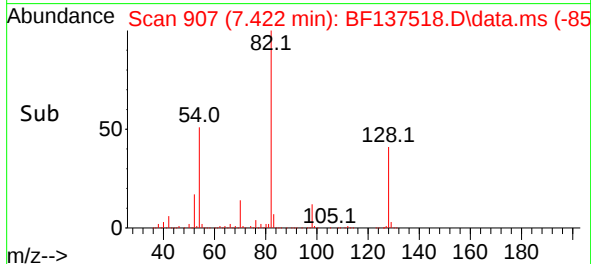
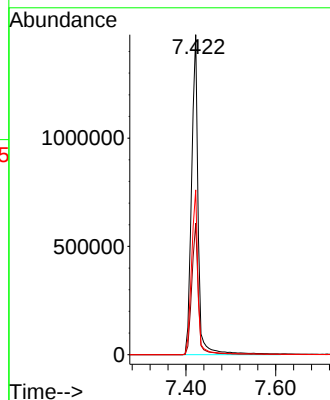
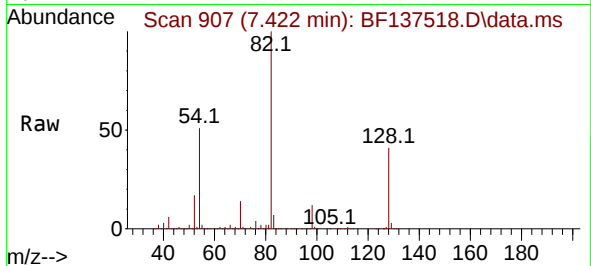




#23
Nitrobenzene-d5
Concen: 82.950 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

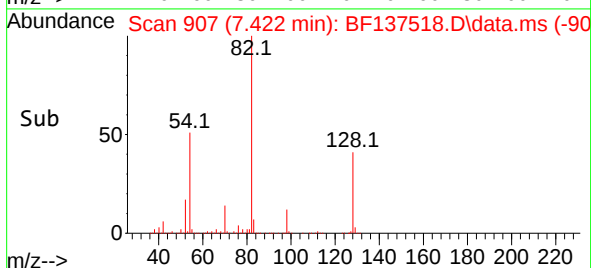
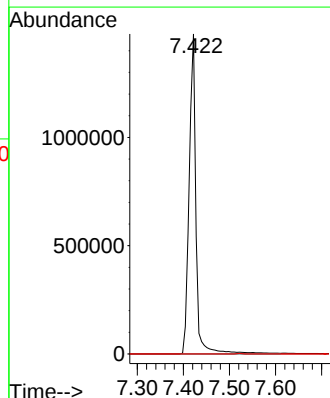
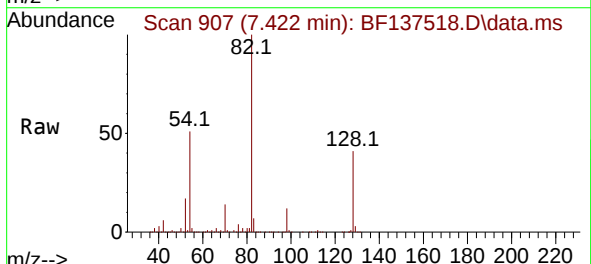
Instrument :
BNA_F
ClientSampleId :
TP-5

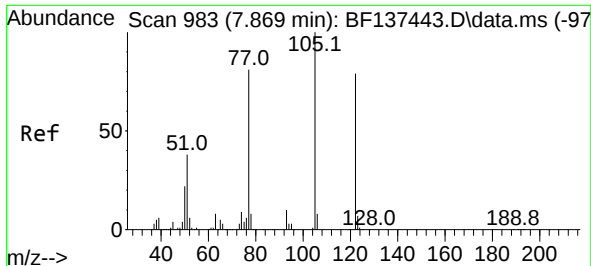
Tgt Ion: 82 Resp: 1514498
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 51.5 41.5 62.3



#25
Isophorone
Concen: 43.661 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion: 82 Resp: 1514489
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

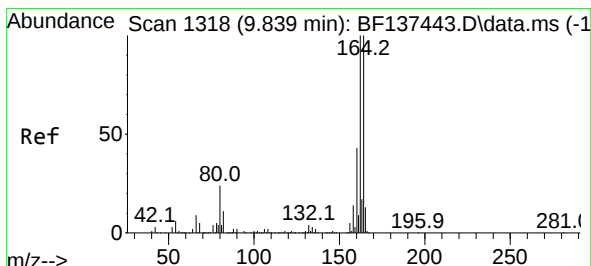
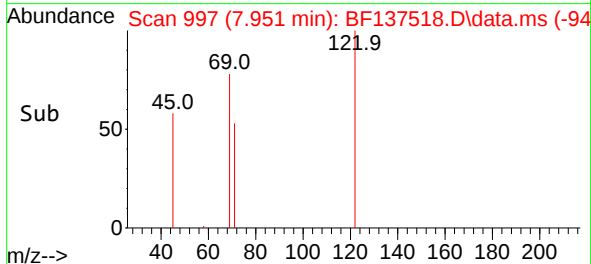
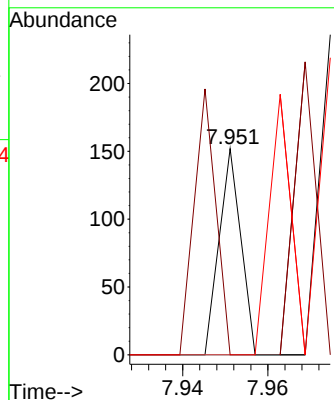
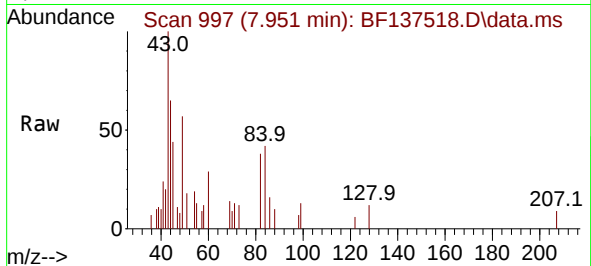




#32
Benzoic acid
Concen: 6.305 ng
RT: 7.951 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

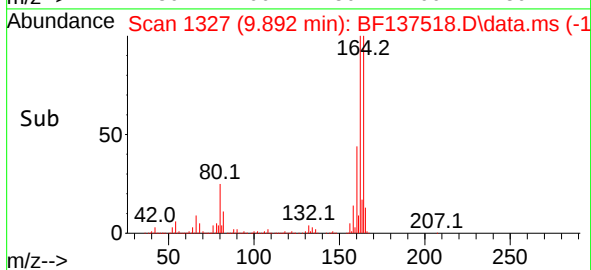
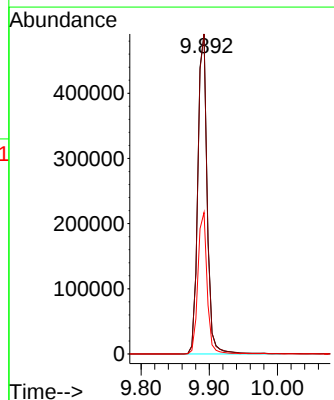
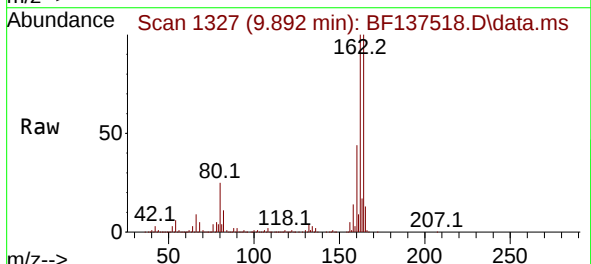
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 0.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137518.D
Acq: 06 Mar 2024 14:55

Tgt Ion:164 Resp: 464874
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 125.128 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

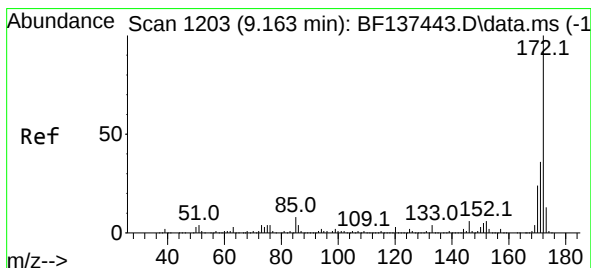
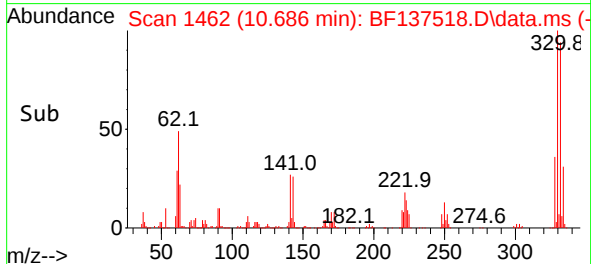
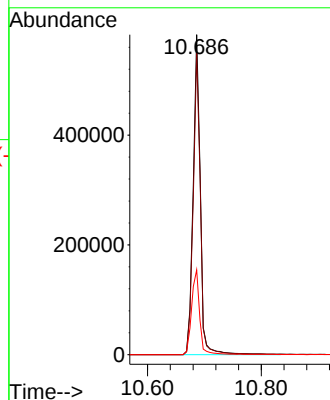
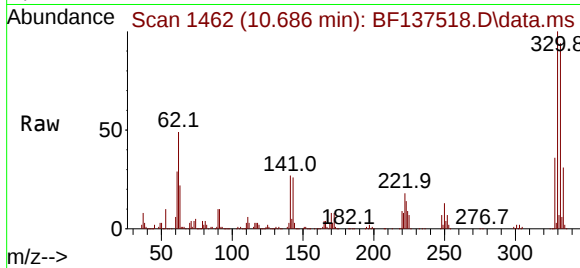
Tgt Ion:330 Resp: 510821

Ion Ratio Lower Upper

330 100

332 94.6 78.0 117.0

141 30.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 79.467 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

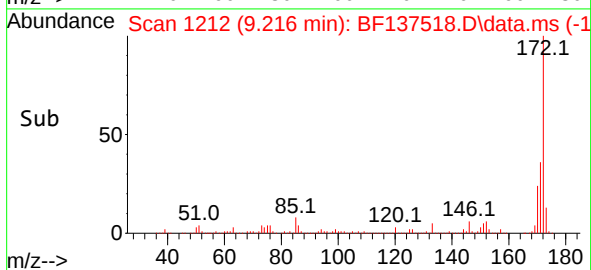
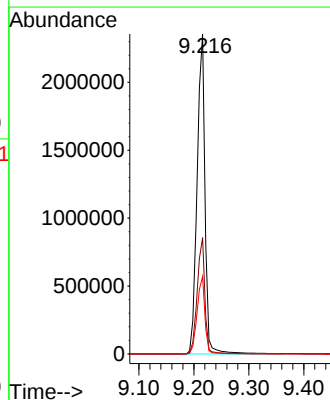
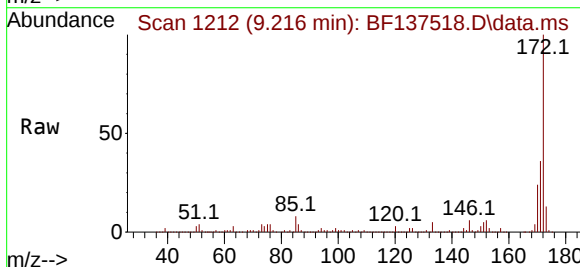
Tgt Ion:172 Resp: 2359982

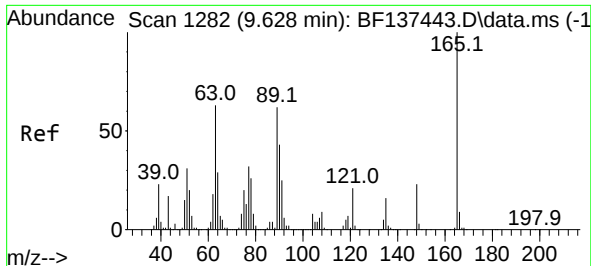
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.886 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

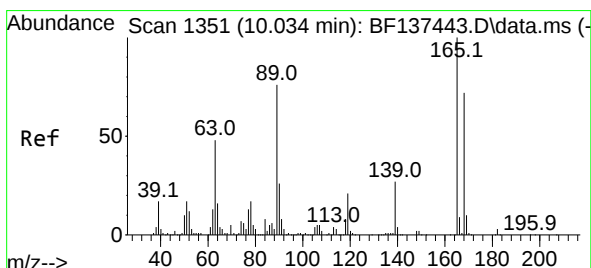
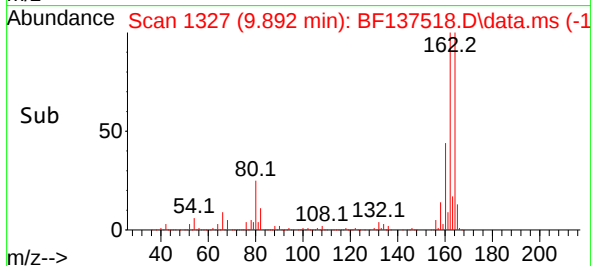
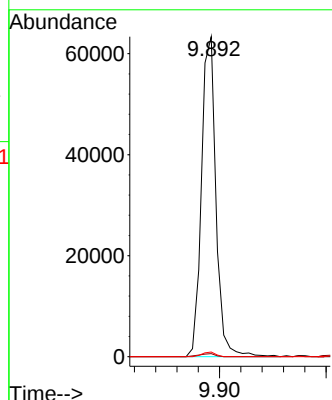
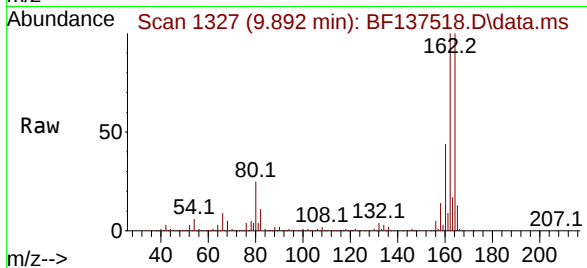
Tgt Ion:165 Resp: 60147

Ion Ratio Lower Upper

165 100

63 0.9 50.7 76.1#

89 1.4 50.0 75.0#



#57

2,4-Dinitrotoluene

Concen: 7.233 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Tgt Ion:165 Resp: 60147

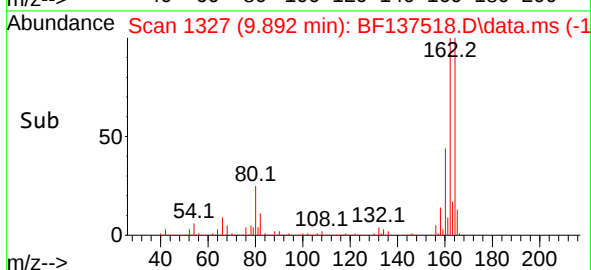
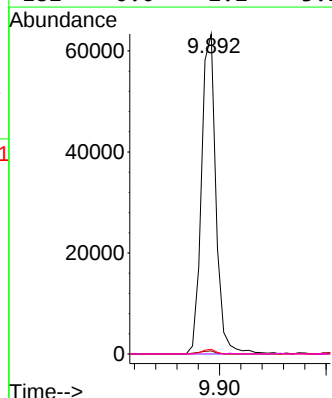
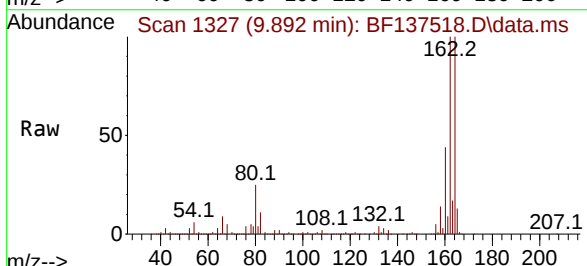
Ion Ratio Lower Upper

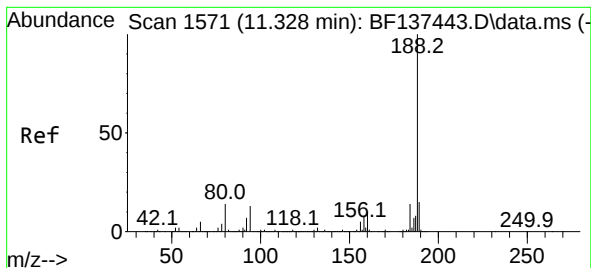
165 100

63 0.9 39.0 58.6#

89 1.4 60.9 91.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

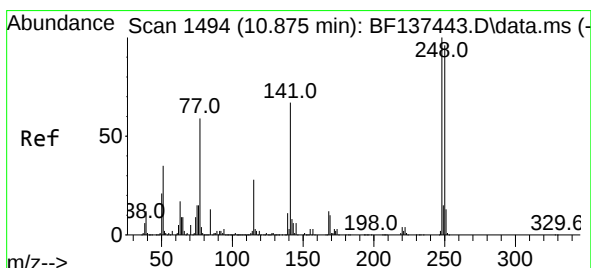
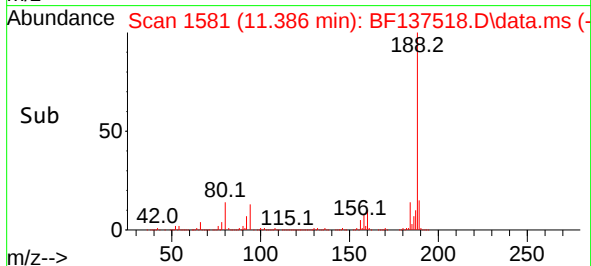
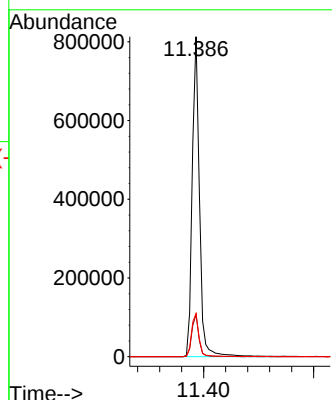
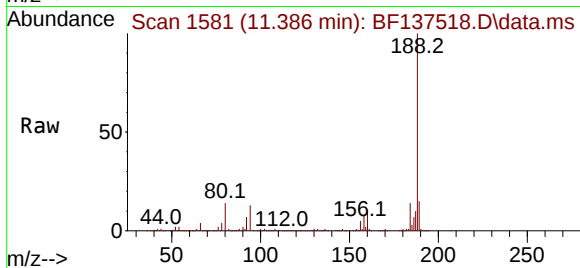
Tgt Ion:188 Resp: 743110

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.5 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.163 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

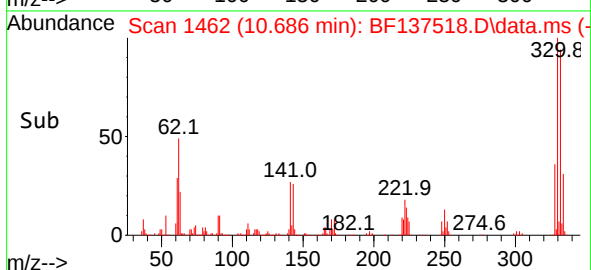
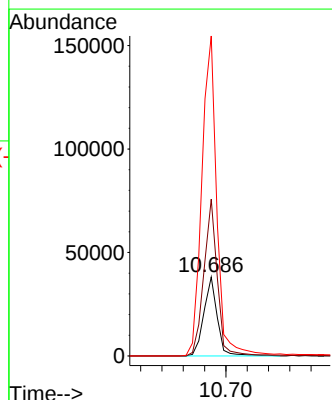
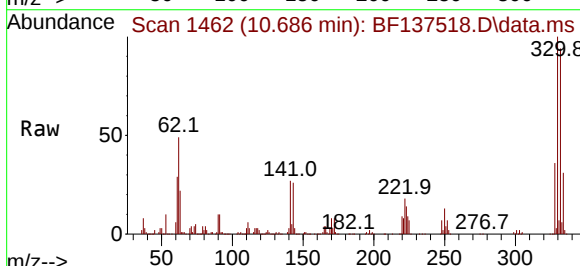
Tgt Ion:248 Resp: 33695

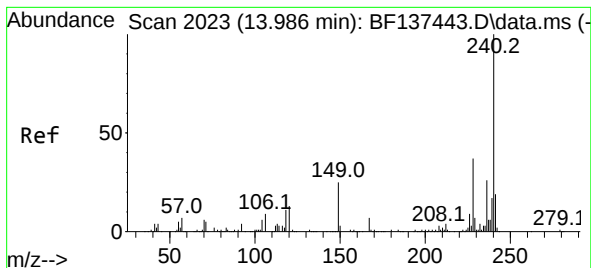
Ion Ratio Lower Upper

248 100

250 198.7 76.8 115.2#

141 405.6 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

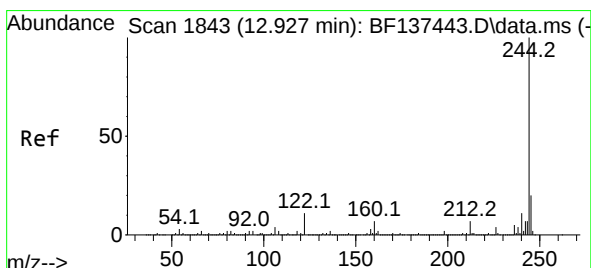
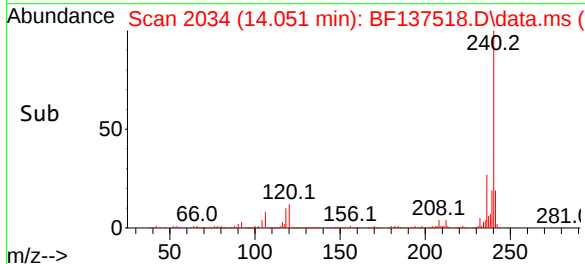
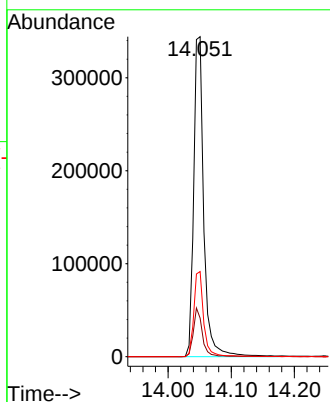
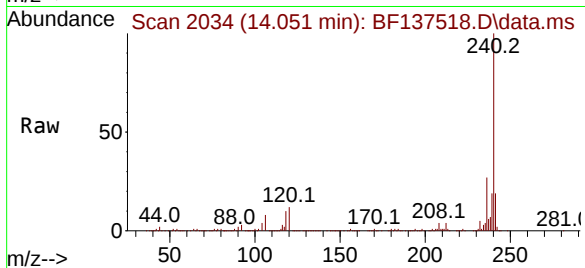
Tgt Ion:240 Resp: 381778

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 82.854 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

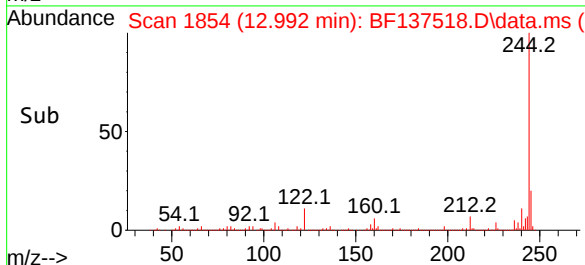
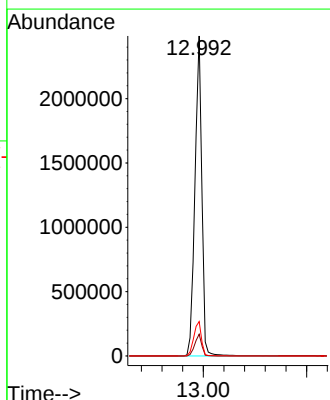
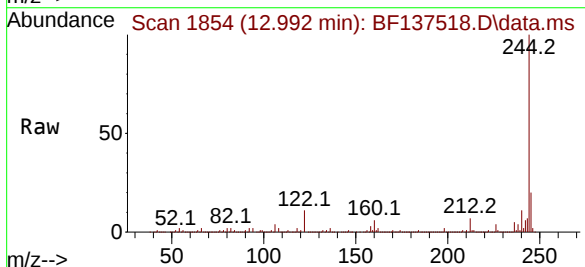
Tgt Ion:244 Resp: 2300328

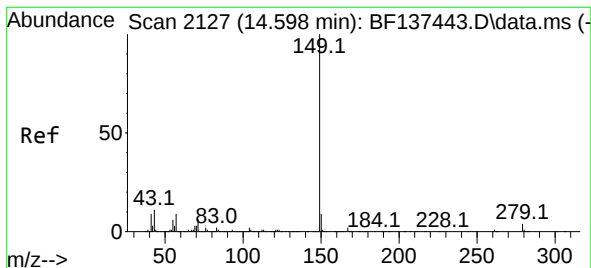
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.8 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.628 ng

RT: 14.639 min Scan# 2127

Delta R.T. -0.024 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

TP-5

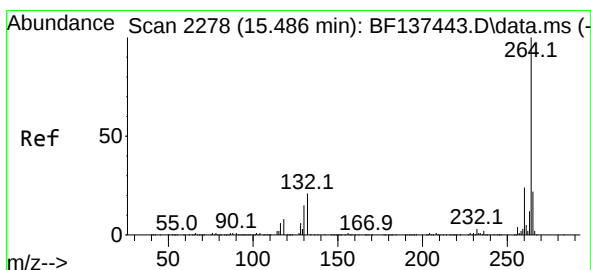
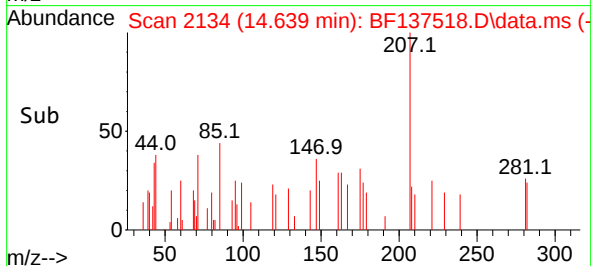
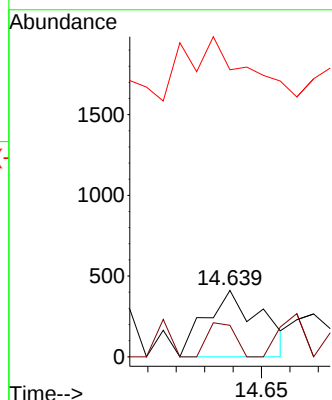
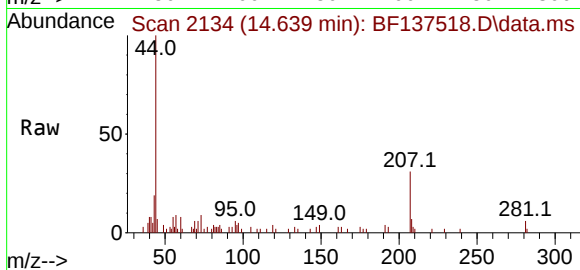
Tgt Ion:149 Resp: 553

Ion Ratio Lower Upper

149 100

167 25.9 1.2 1.8#

43 208.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137518.D

Acq: 06 Mar 2024 14:55

Tgt Ion:264 Resp: 414902

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 20.9 17.4 26.0

