

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137535.D
 Acq On : 07 Mar 2024 17:49
 Operator : CG\JU
 Sample : P1688-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Mar 08 00:32:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 00:31:33 2024
 Response via : Initial Calibration

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

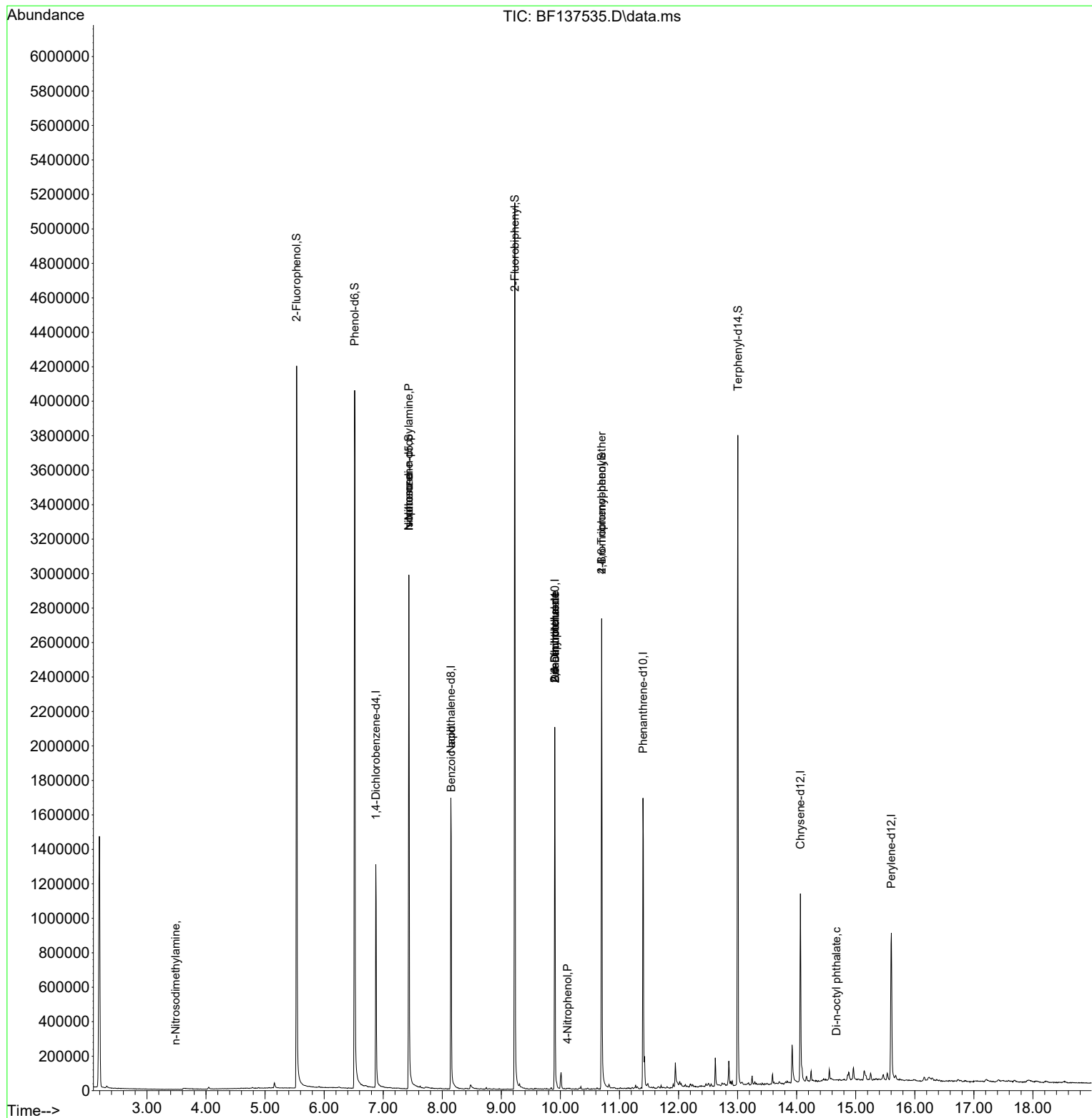
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	196741	20.000	ng	0.01
21) Naphthalene-d8	8.145	136	763117	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	408649	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	647079	20.000	ng	0.00
76) Chrysene-d12	14.063	240	361512	20.000	ng	0.00
86) Perylene-d12	15.604	264	439216	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1201496	92.493	ng	0.02
7) Phenol-d6	6.516	99	1661131	88.589	ng	0.00
23) Nitrobenzene-d5	7.434	82	1012398	61.642	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	301871	84.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1562256	59.843	ng	0.00
79) Terphenyl-d14	13.004	244	1321860	50.280	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.487	42	244	3.841	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	129931	11.221	ng	# 79
25) Isophorone	7.434	82	1012480	32.449	ng	# 69
32) Benzoic acid	8.151	122	54	6.305	ng	# 1
50) Dimethylphthalate	9.904	163	61770	2.171	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	52628	8.845	ng	# 20
56) 4-Nitrophenol	10.122	139	1116	4.762	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	52628	7.200	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	20884	2.963	ng	# 1
85) Di-n-octyl phthalate	14.674	149	240	5.616	ng	# 8

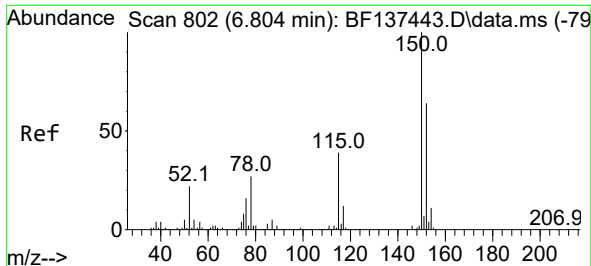
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
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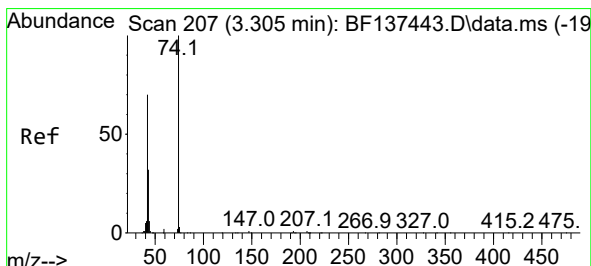
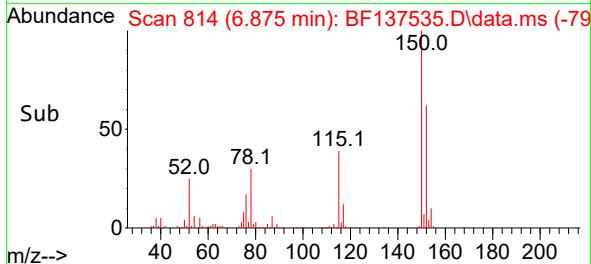
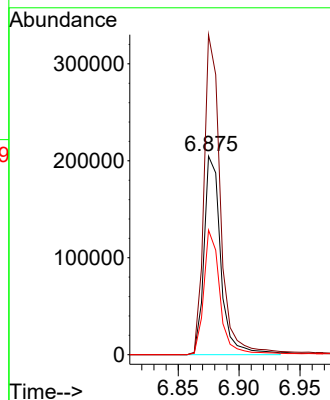
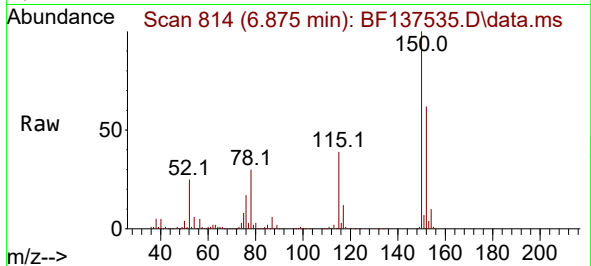




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

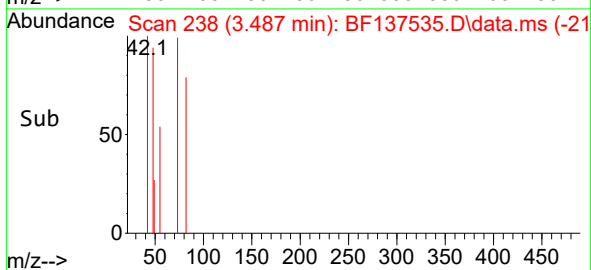
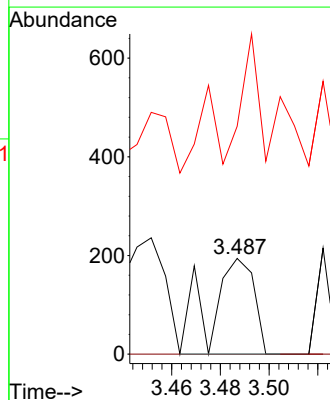
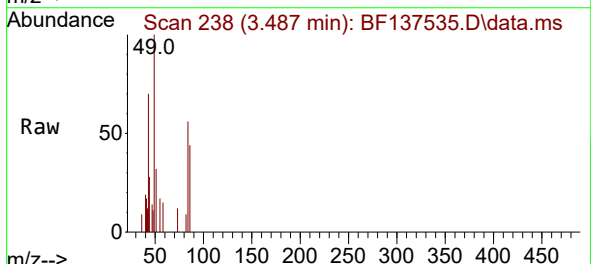
Instrument :
BNA_F
ClientSampleId :
COMP-4

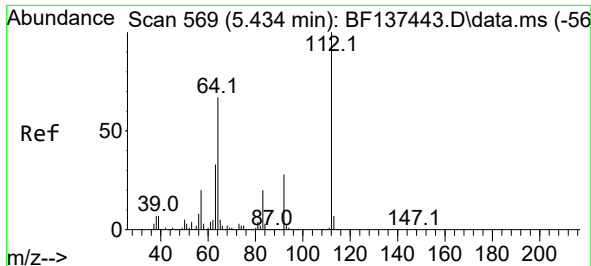
Tgt Ion:152 Resp: 196741
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 62.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.841 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.018 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion: 42 Resp: 244
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 238.1 7.0 10.4#

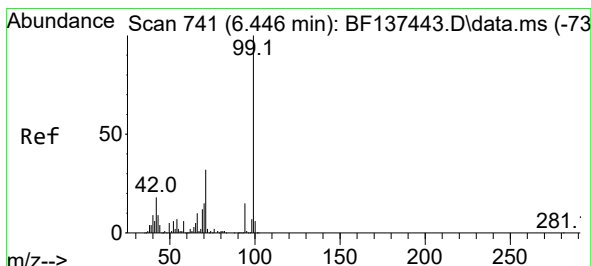
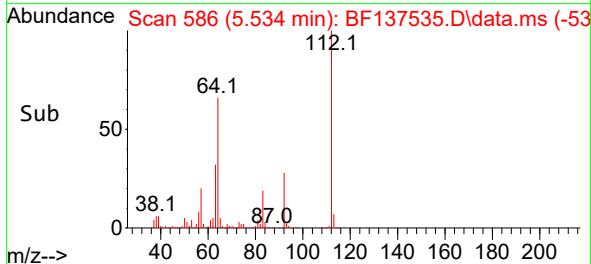
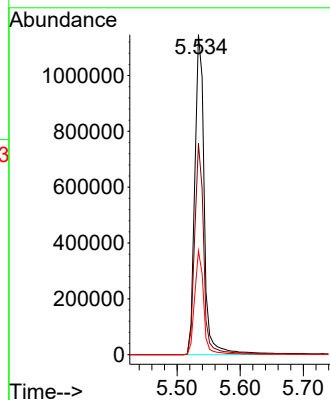
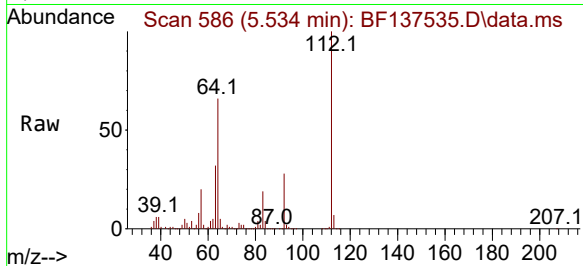




#5
2-Fluorophenol
Concen: 92.493 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

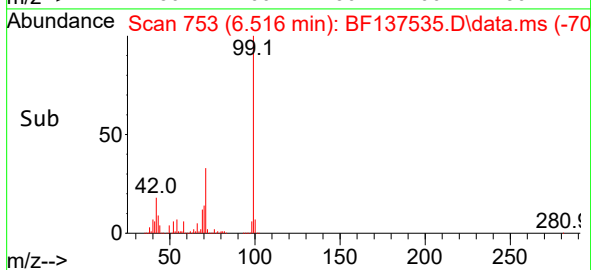
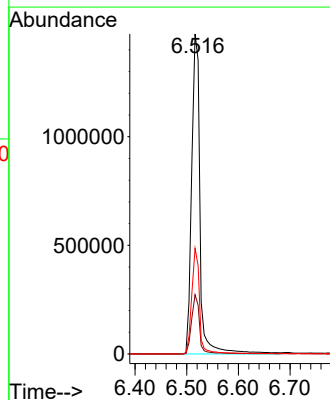
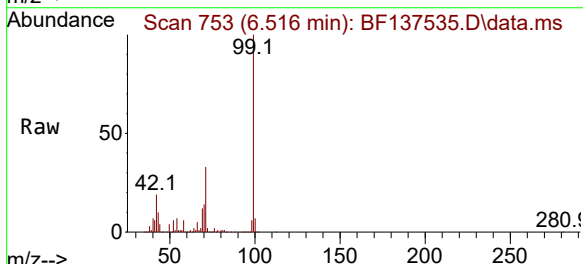
Instrument :
BNA_F
ClientSampleId :
COMP-4

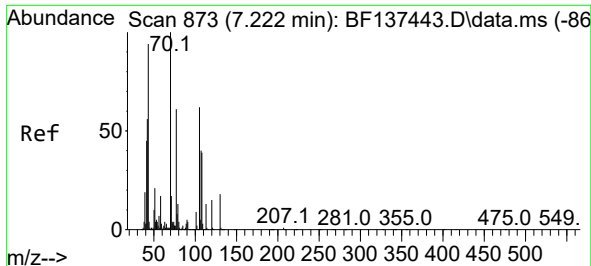
Tgt Ion:112 Resp: 1201496
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 32.5 26.2 39.2



#7
Phenol-d6
Concen: 88.589 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion: 99 Resp: 1661131
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 33.0 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 11.221 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.147 min

Lab File: BF137535.D

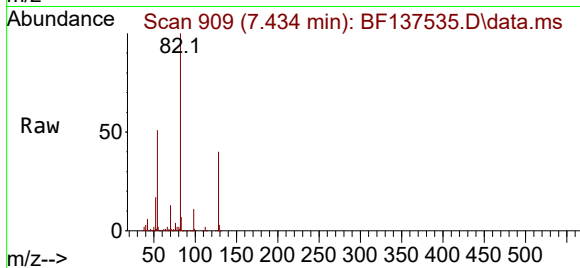
Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4



Tgt Ion: 70 Resp: 129931

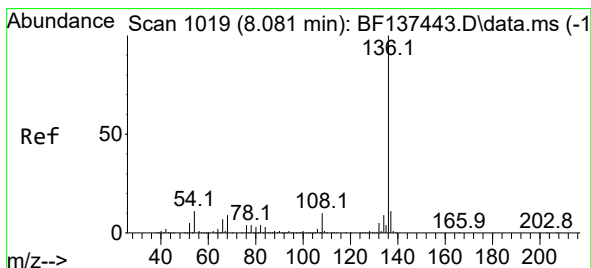
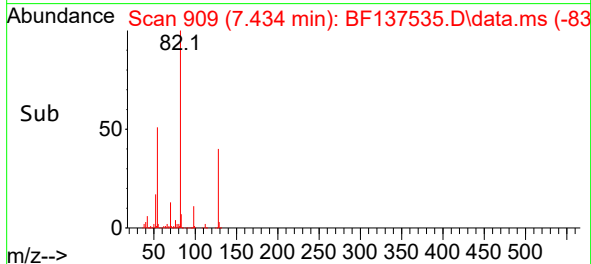
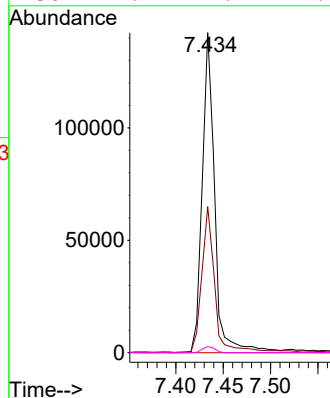
Ion Ratio Lower Upper

70 100

42 45.6 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: 8.145 min Scan# 1030

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Tgt Ion:136 Resp: 763117

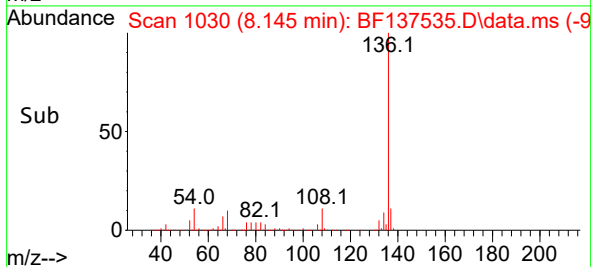
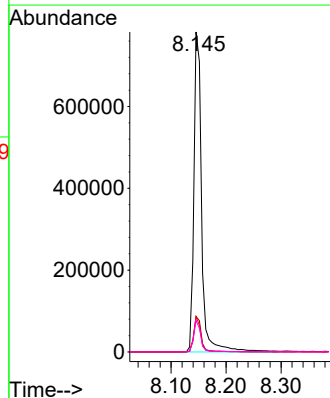
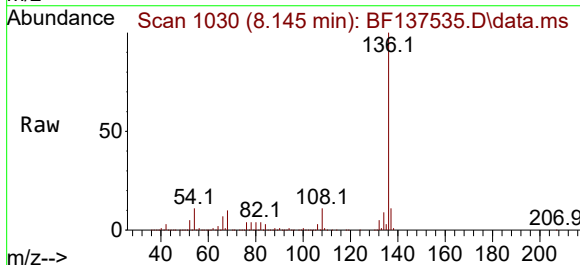
Ion Ratio Lower Upper

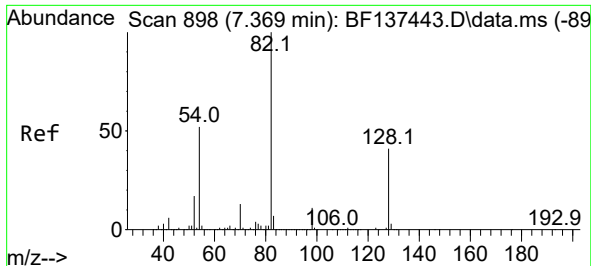
136 100

137 11.1 9.1 13.7

54 11.0 8.5 12.7

68 9.8 7.4 11.2

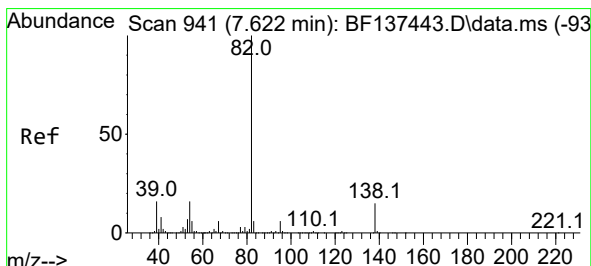
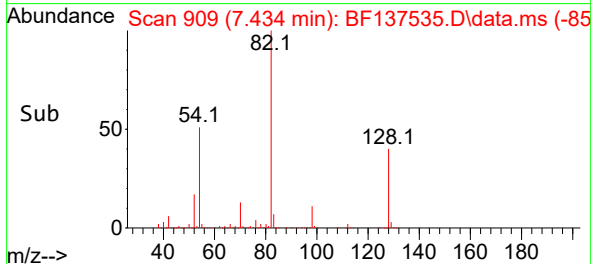
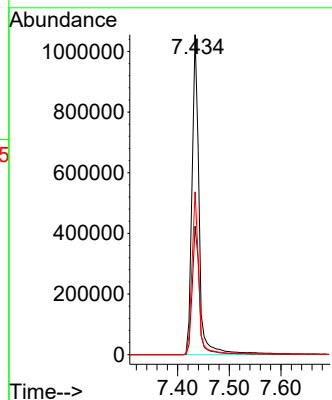
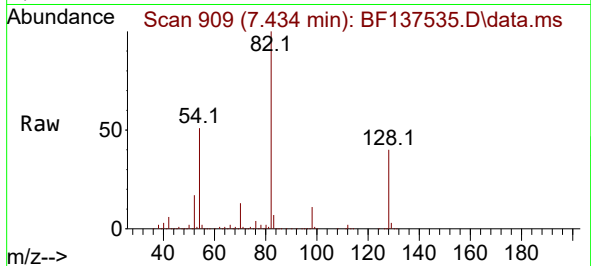




#23
Nitrobenzene-d5
Concen: 61.642 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

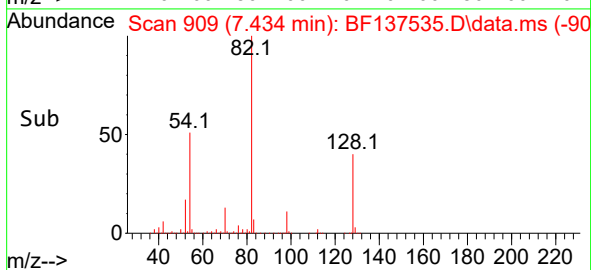
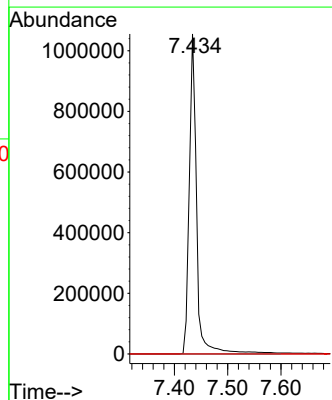
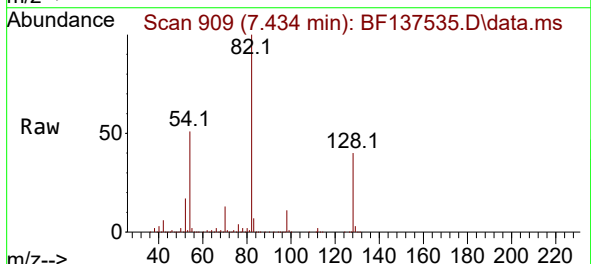
Instrument :
BNA_F
ClientSampleId :
COMP-4

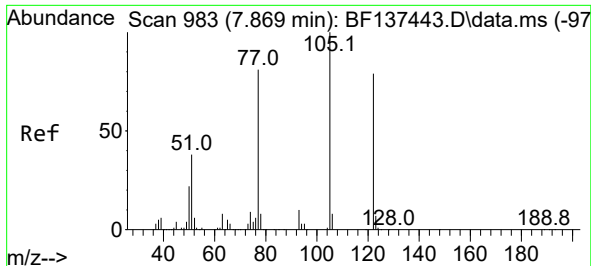
Tgt Ion: 82 Resp: 1012398
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 50.9 41.5 62.3



#25
Isophorone
Concen: 32.449 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.253 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion: 82 Resp: 1012480
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

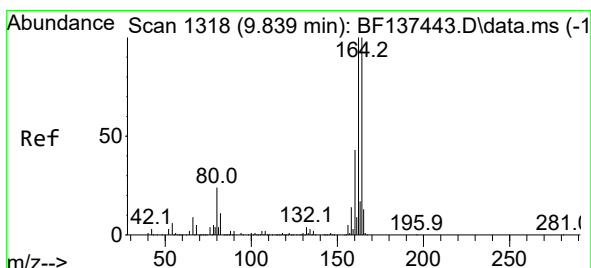
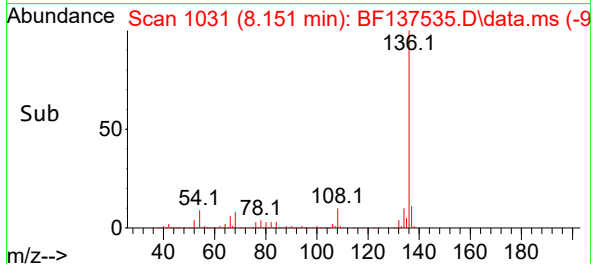
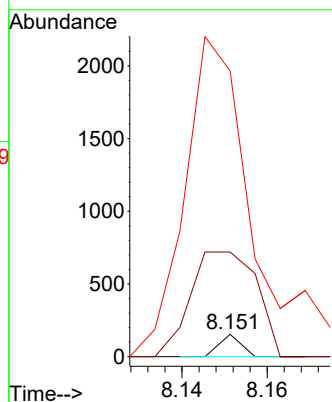
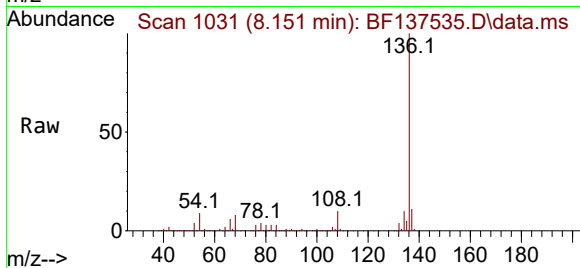




#32
Benzoic acid
Concen: 6.305 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.212 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

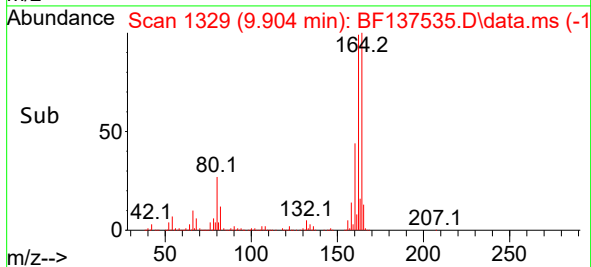
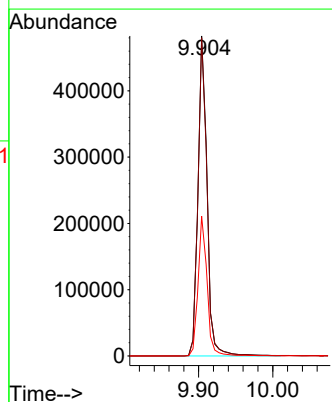
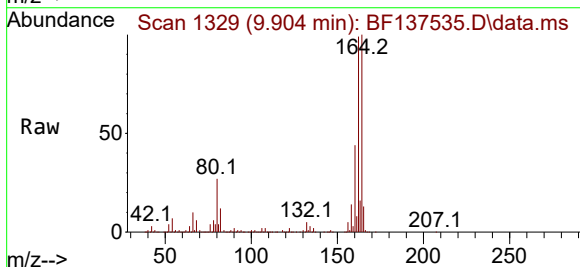
Instrument :
BNA_F
ClientSampleId :
COMP-4

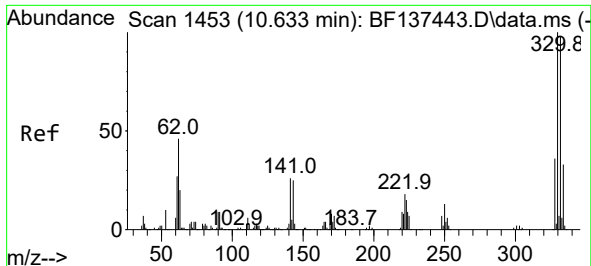
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 467.5 102.4 142.4#
77 1276.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion:164 Resp: 408649
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.118 ng

RT: 10.698 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4

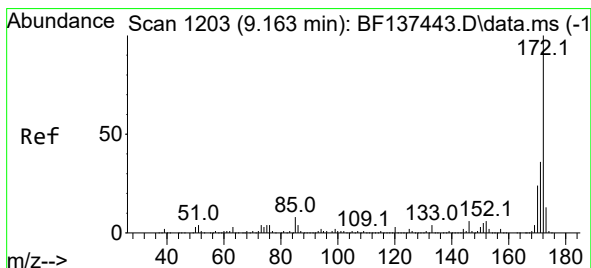
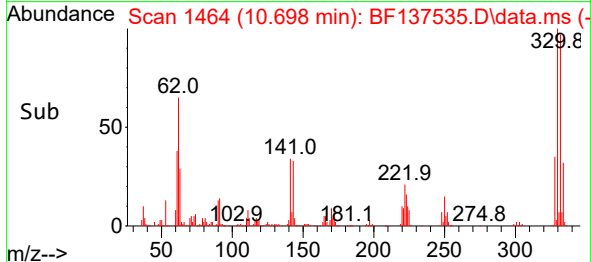
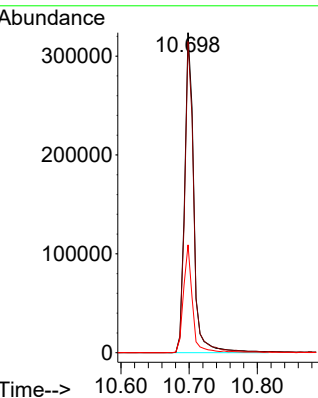
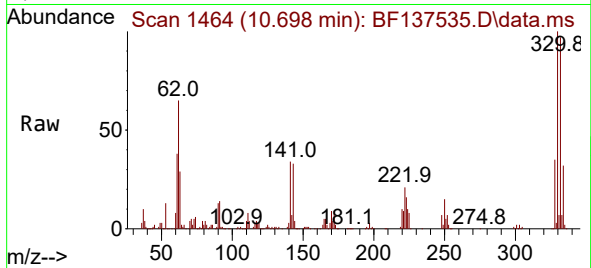
Tgt Ion:330 Resp: 301871

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 33.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.843 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

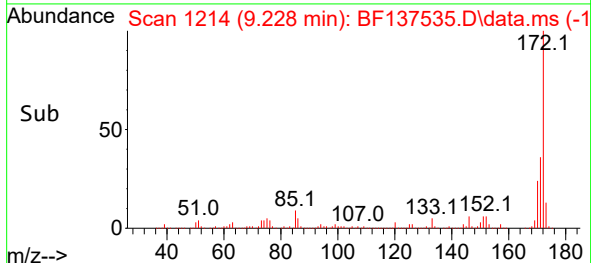
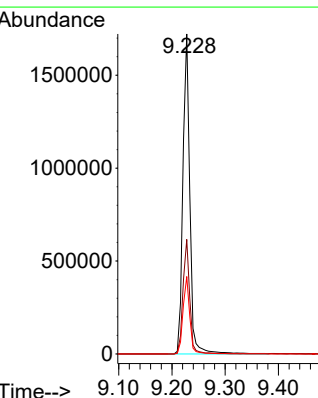
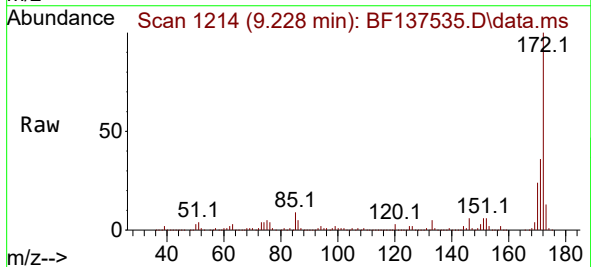
Tgt Ion:172 Resp: 1562256

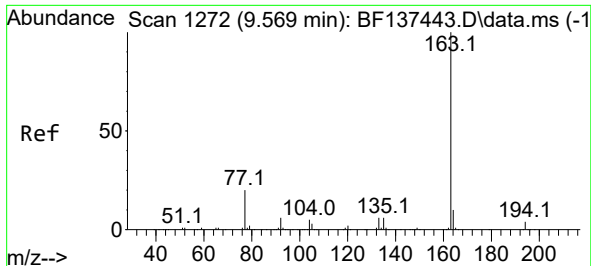
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.2 19.0 28.6

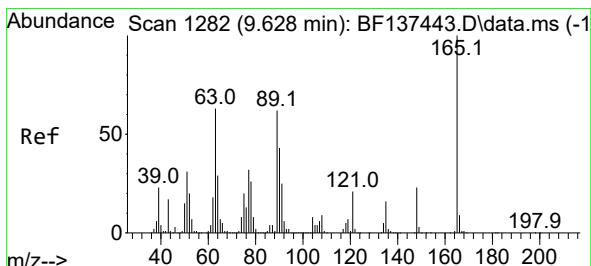
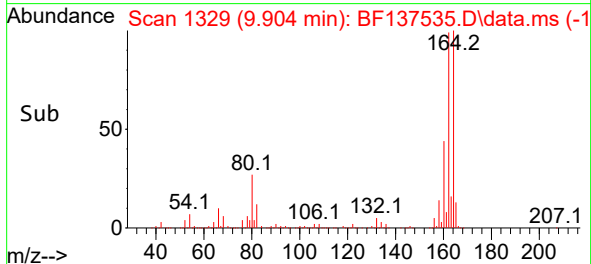
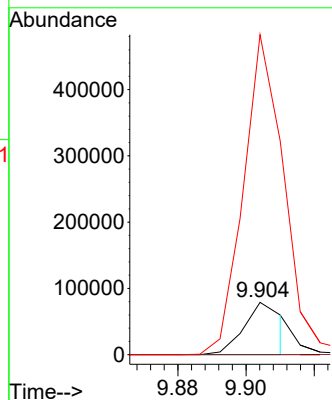
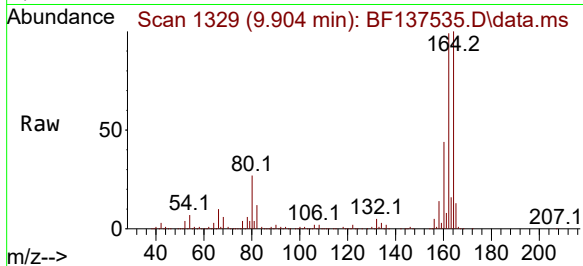




#50
Dimethylphthalate
Concen: 2.171 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.277 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

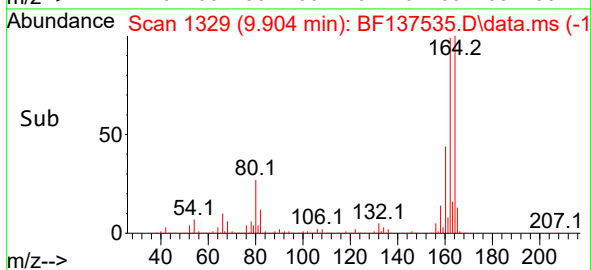
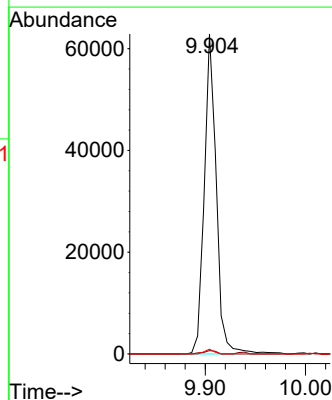
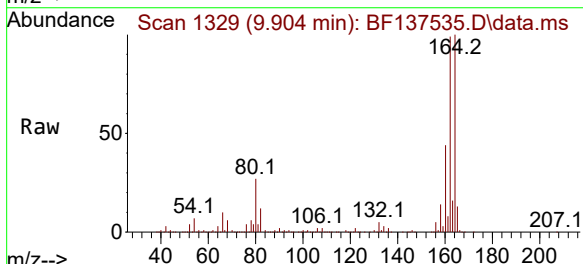
Instrument :
BNA_F
ClientSampleId :
COMP-4

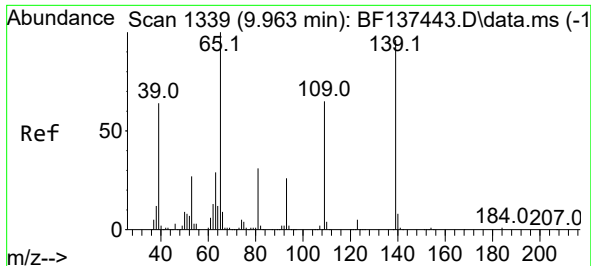
Tgt Ion:163 Resp: 61770
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 610.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion:165 Resp: 52628
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.5 50.0 75.0#

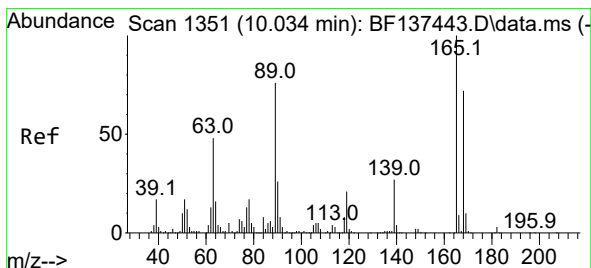
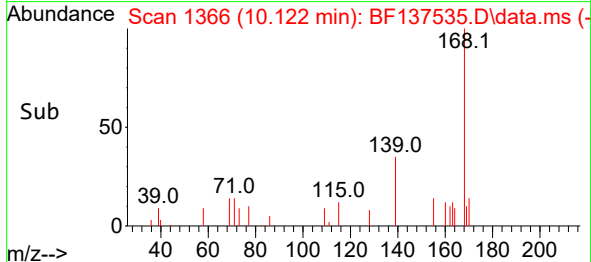
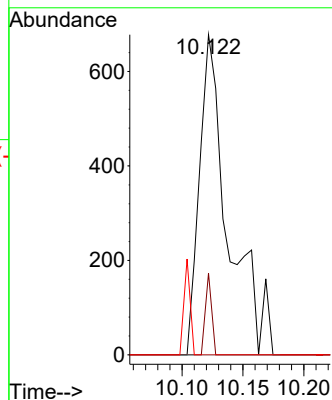
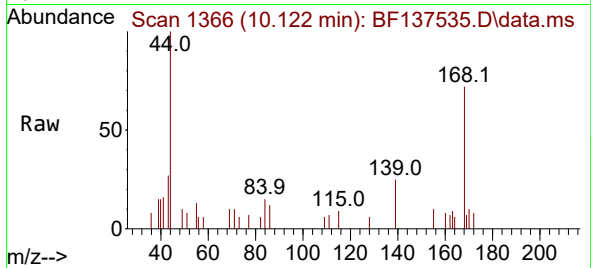




#56
4-Nitrophenol
Concen: 4.762 ng
RT: 10.122 min Scan# 1116
Delta R.T. 0.094 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

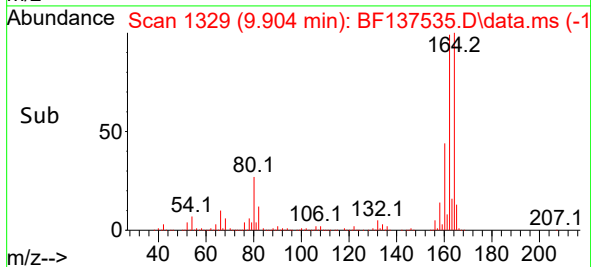
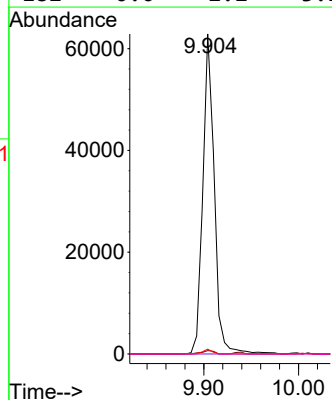
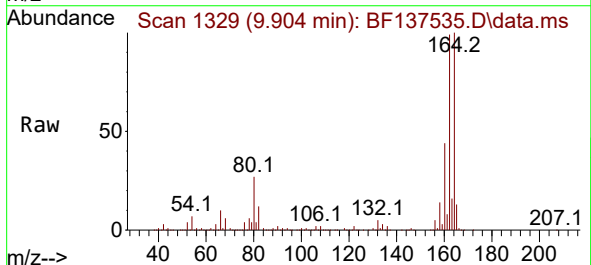
Instrument :
BNA_F
ClientSampleId :
COMP-4

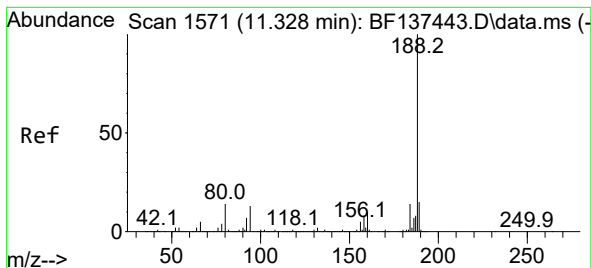
Tgt Ion:139 Resp: 1116
Ion Ratio Lower Upper
139 100
109 25.5 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.200 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion:165 Resp: 52628
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.5 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4

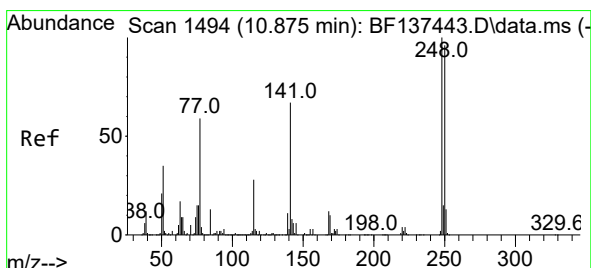
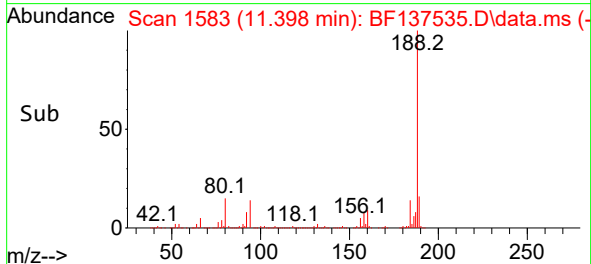
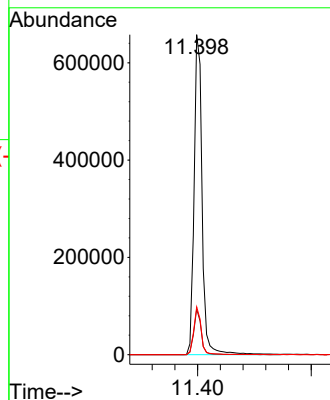
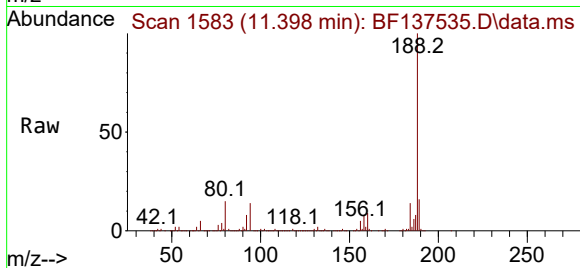
Tgt Ion:188 Resp: 647079

Ion Ratio Lower Upper

188 100

94 14.3 10.6 15.8

80 14.9 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.963 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

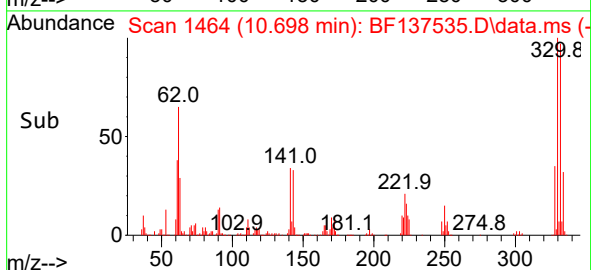
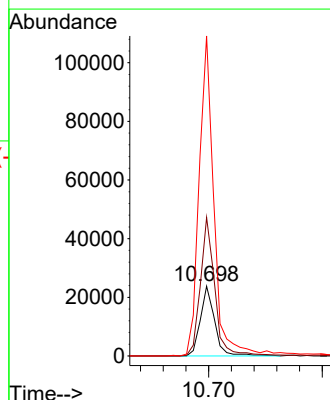
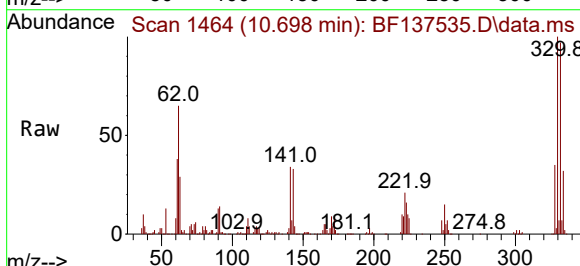
Tgt Ion:248 Resp: 20884

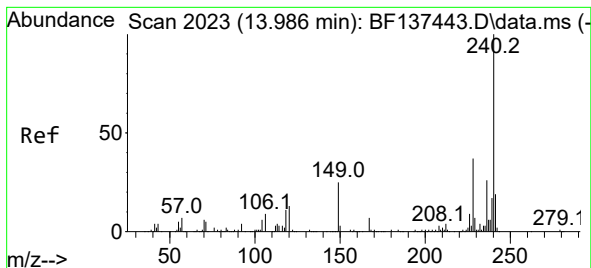
Ion Ratio Lower Upper

248 100

250 198.5 76.8 115.2#

141 458.4 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4

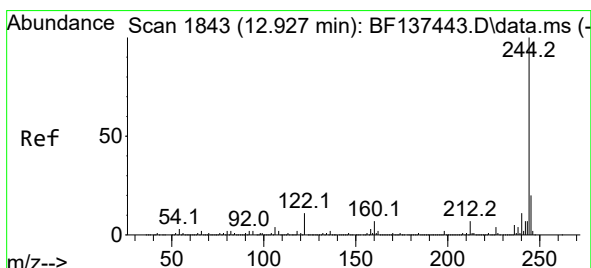
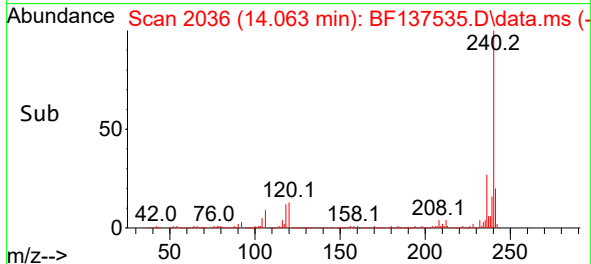
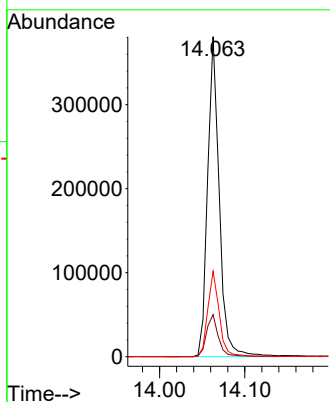
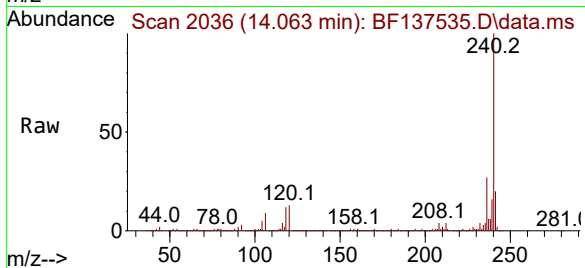
Tgt Ion:240 Resp: 361512

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

236 26.7 20.9 31.3



#79

Terphenyl-d14

Concen: 50.280 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

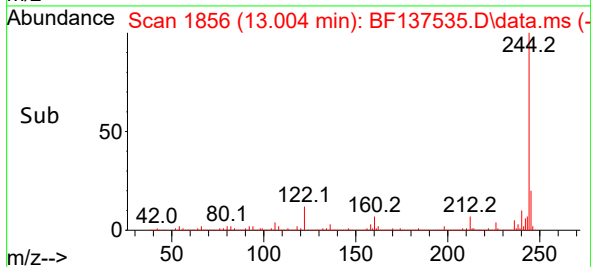
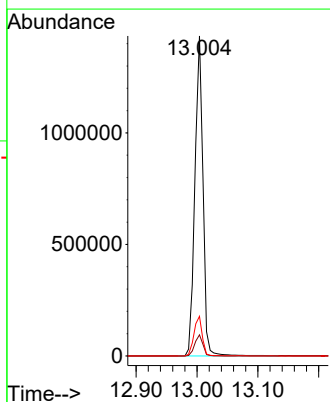
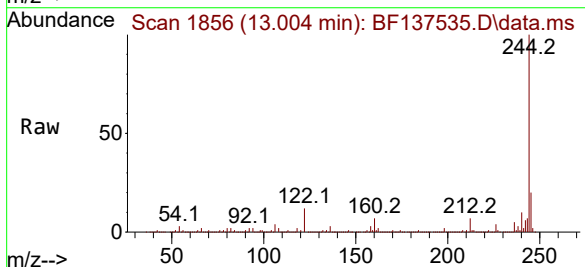
Tgt Ion:244 Resp: 1321860

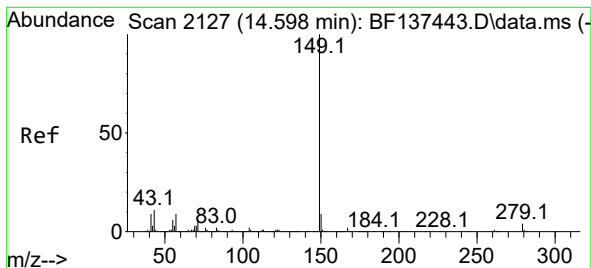
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 12.4 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.616 ng

RT: 14.674 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4

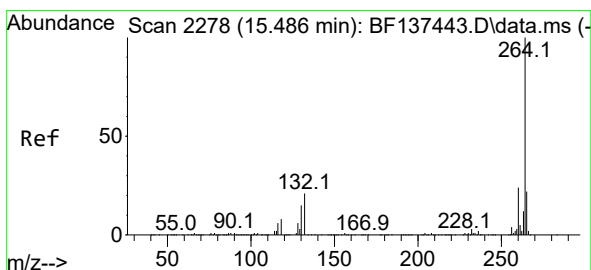
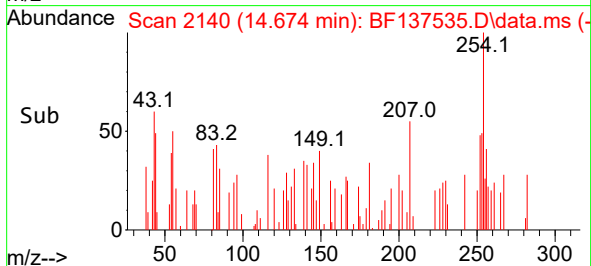
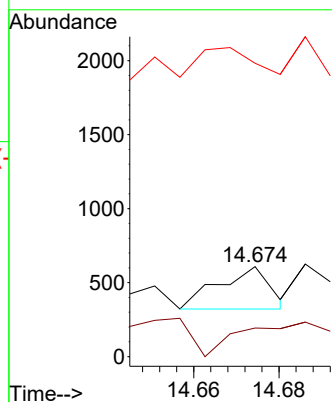
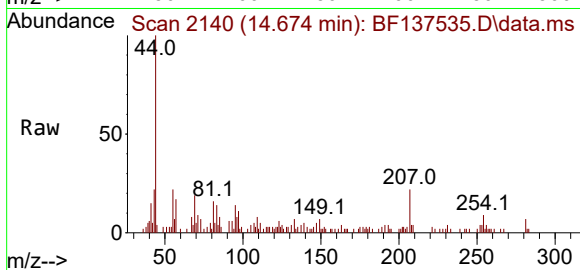
Tgt Ion:149 Resp: 240

Ion Ratio Lower Upper

149 100

167 222.9 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.018 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Tgt Ion:264 Resp: 439216

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 20.9 17.4 26.0

