

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137504.D
 Acq On : 05 Mar 2024 17:03
 Operator : CG\JU
 Sample : P1672-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 05 17:22:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

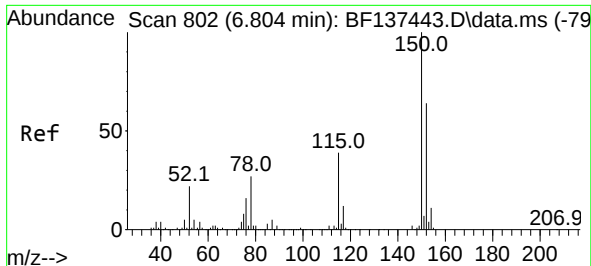
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	169947	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	659047	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	355358	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	597941	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	341383	20.000	ng	-0.01
86) Perylene-d12	15.563	264	345718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1058539	94.335	ng	-0.01
7) Phenol-d6	6.487	99	1446364	89.297	ng	-0.02
23) Nitrobenzene-d5	7.410	82	889773	62.731	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	237619	76.144	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	1462743	64.434	ng	-0.01
79) Terphenyl-d14	12.980	244	1480821	59.648	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.440	42	3866	4.402	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	113096	11.307	ng	# 82
25) Isophorone	7.410	82	889768	33.019	ng	# 69
32) Benzoic acid	8.045	122	53	6.306	ng	# 1
50) Dimethylphthalate	9.881	163	59030	2.386	ng	# 1
51) 2,6-Dinitrotoluene	9.881	165	47447	9.170	ng	# 20
56) 4-Nitrophenol	9.986	139	1132	4.801	ng	# 1
57) 2,4-Dinitrotoluene	9.881	165	47609	7.490	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	16246	2.495	ng	# 1
77) Benzidine	12.980	184	18710	2.240	ng	# 93
85) Di-n-octyl phthalate	14.657	149	932	5.646	ng	# 72

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

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QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

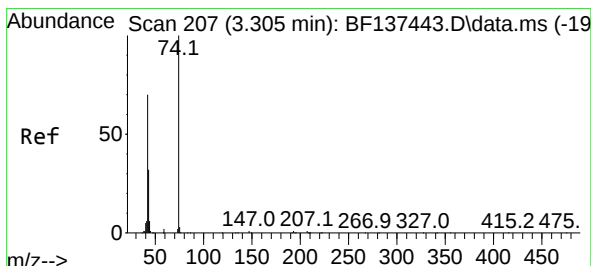
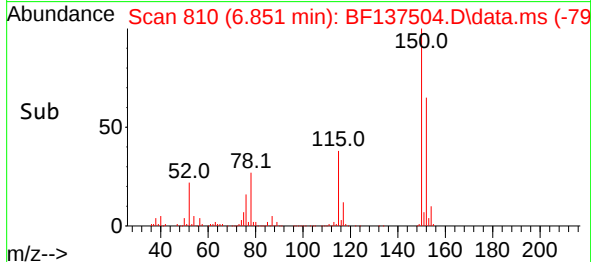
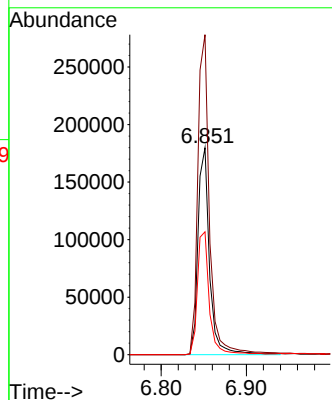
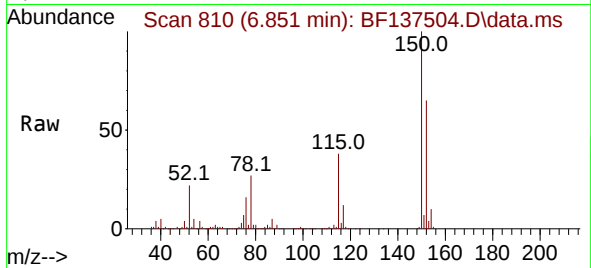




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

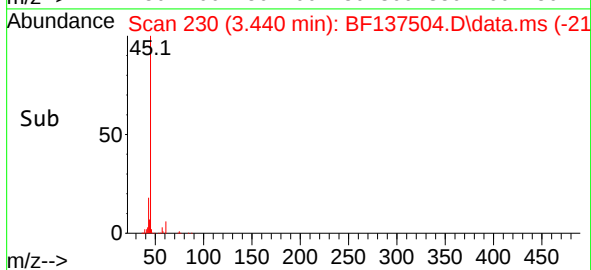
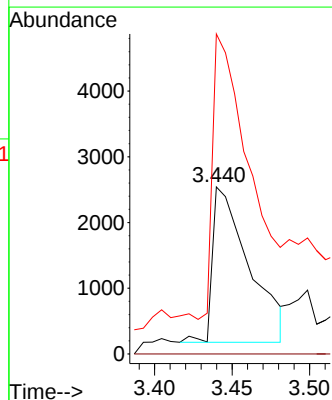
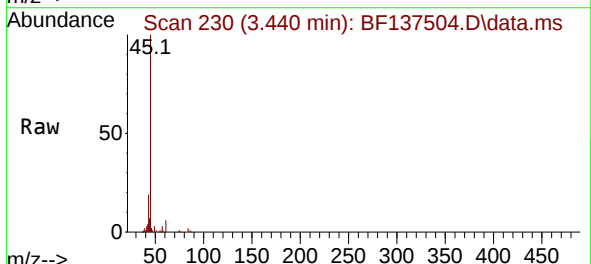
Instrument :
BNA_F
ClientSampleId :
TP-13

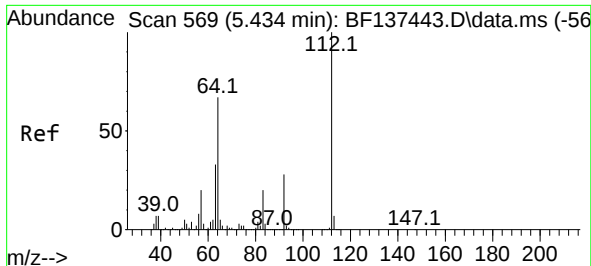
Tgt Ion:152 Resp: 169947
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 59.4 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 4.402 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 42 Resp: 3866
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 191.5 7.0 10.4#

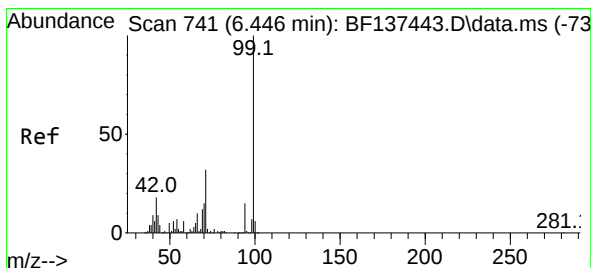
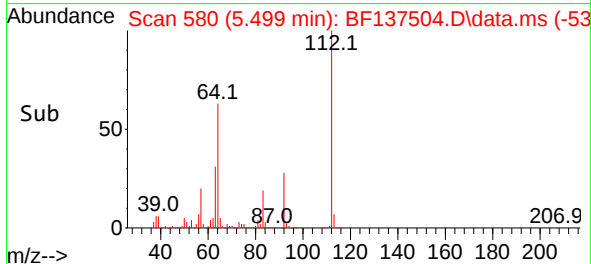
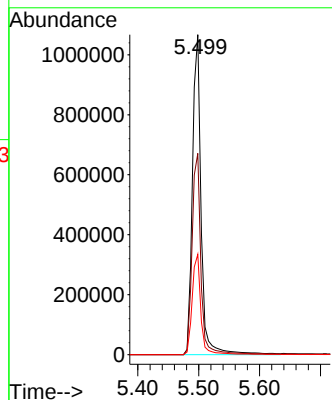
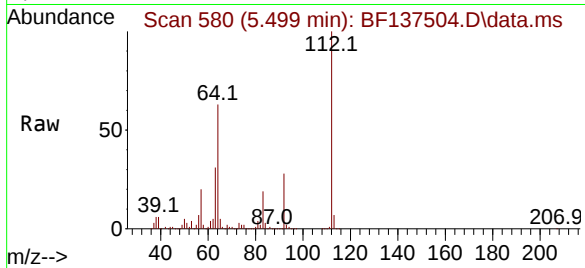




#5
2-Fluorophenol
Concen: 94.335 ng
RT: 5.499 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

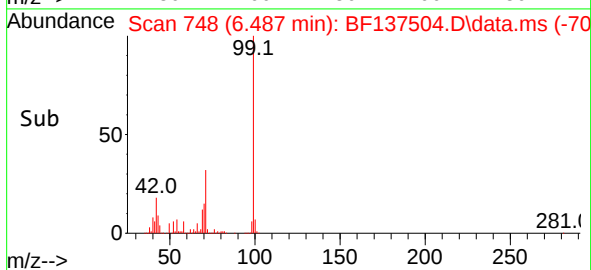
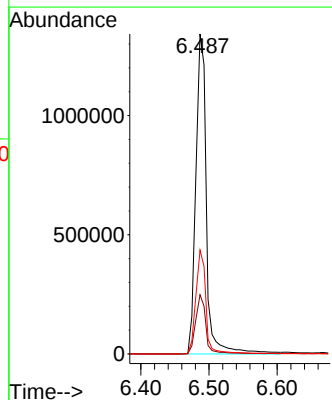
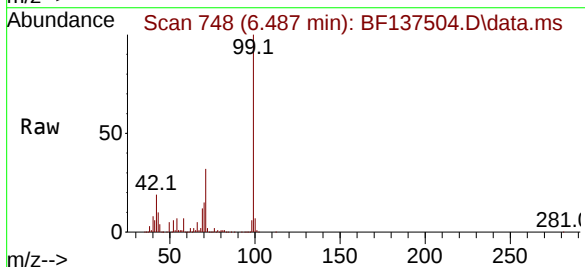
Instrument :
BNA_F
ClientSampleId :
TP-13

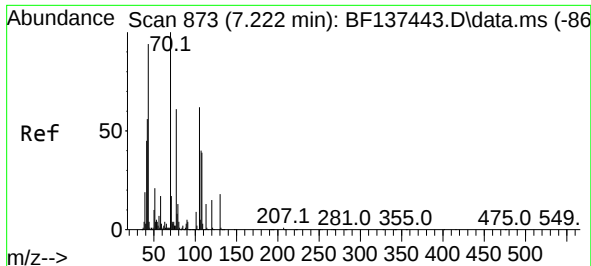
Tgt Ion:112 Resp: 1058539
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 31.3 26.2 39.2



#7
Phenol-d6
Concen: 89.297 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.017 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 99 Resp: 1446364
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 32.5 25.3 37.9



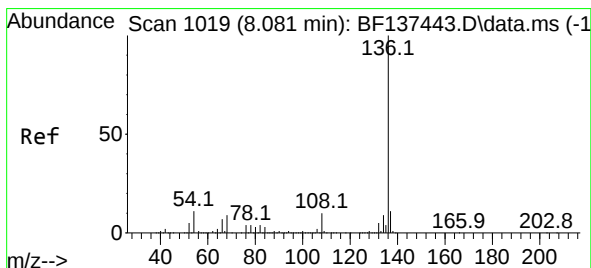
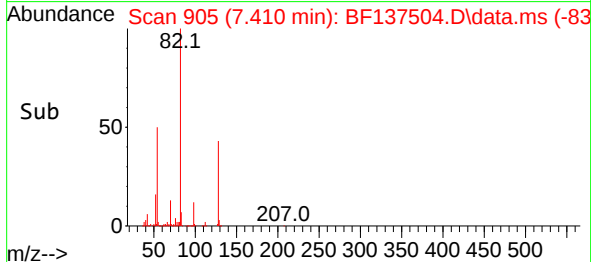
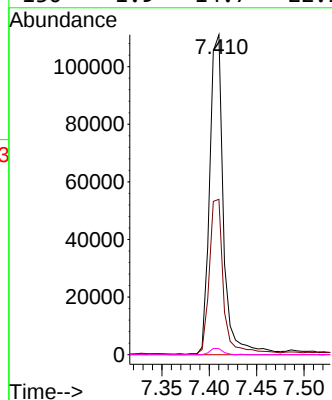
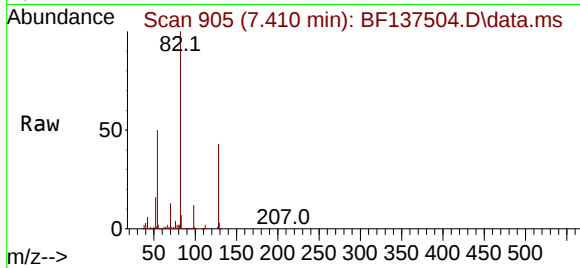


#19
n-Nitroso-di-n-propylamine
Concen: 11.307 ng
RT: 7.410 min Scan# 90
Delta R.T. 0.130 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 70 Resp: 113096

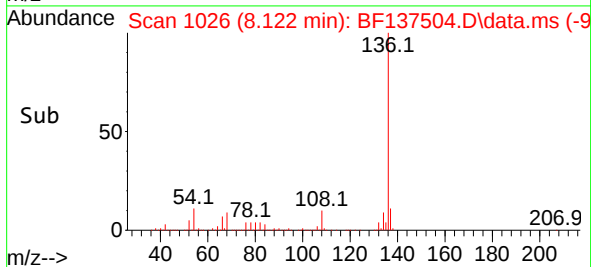
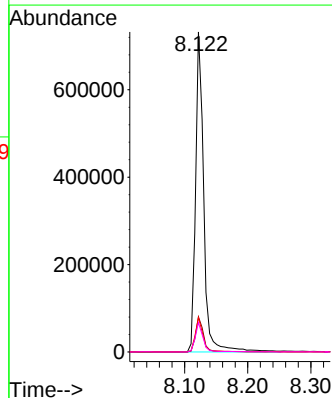
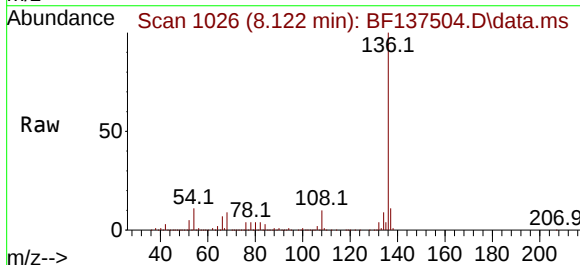
Ion	Ratio	Lower	Upper
70	100		
42	48.5	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#

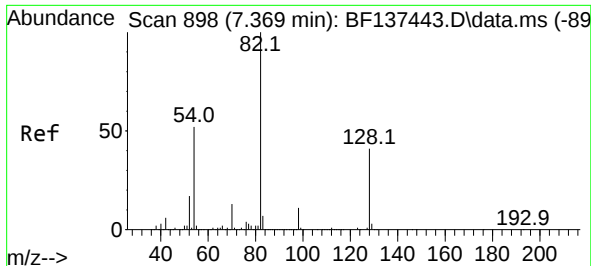


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 136 Resp: 659047

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.8	8.5	12.7
68	9.2	7.4	11.2

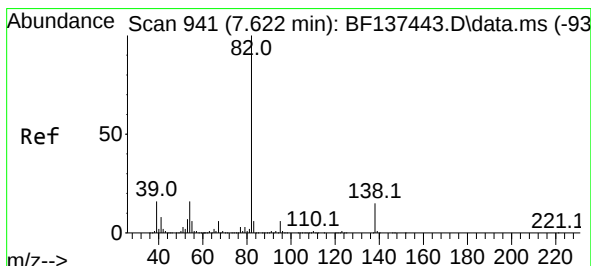
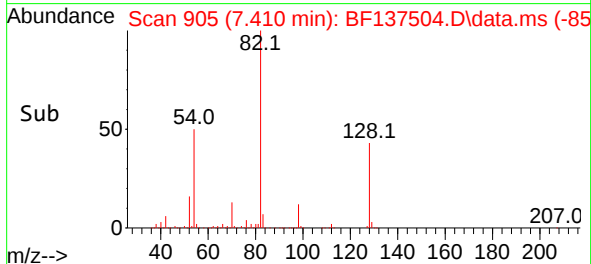
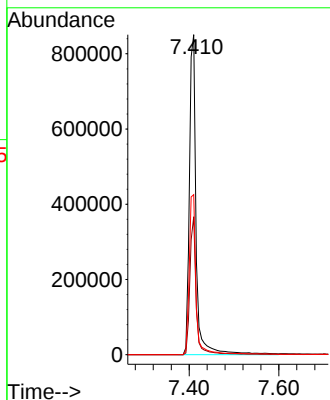
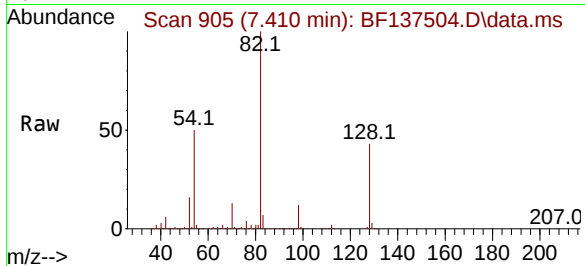




#23
Nitrobenzene-d5
Concen: 62.731 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

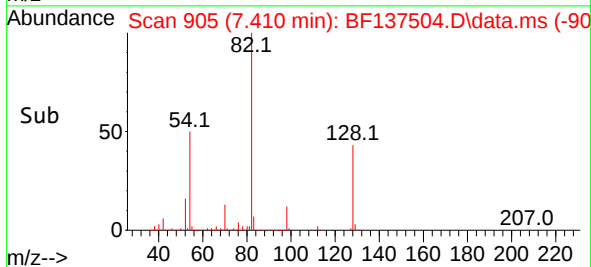
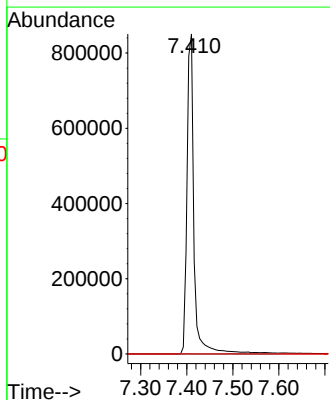
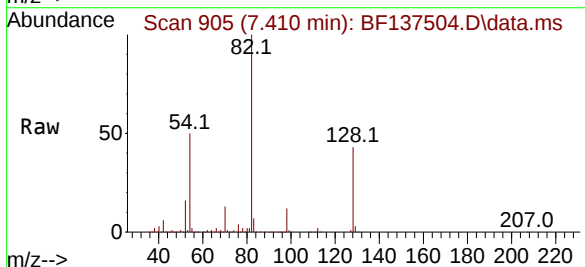
Instrument :
BNA_F
ClientSampleId :
TP-13

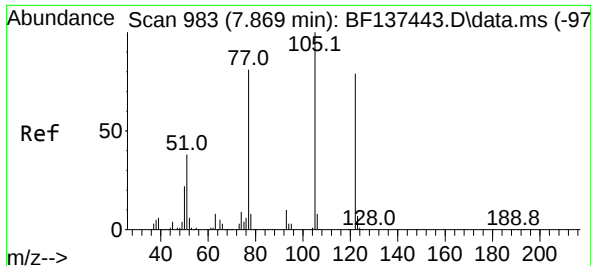
Tgt Ion: 82 Resp: 889773
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 50.0 41.5 62.3



#25
Isophorone
Concen: 33.019 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 82 Resp: 889768
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

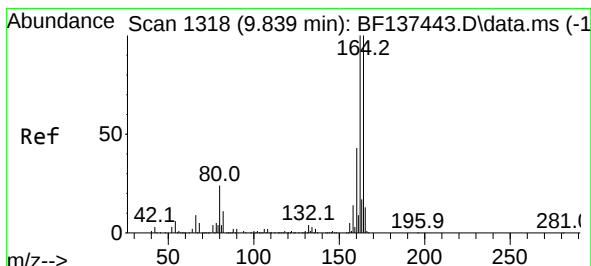
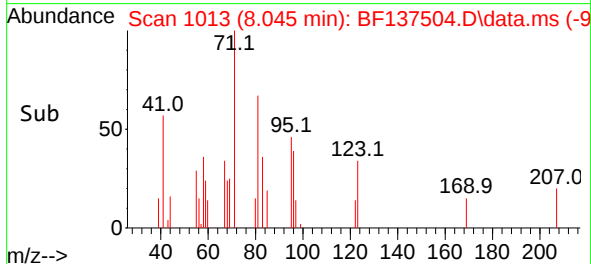
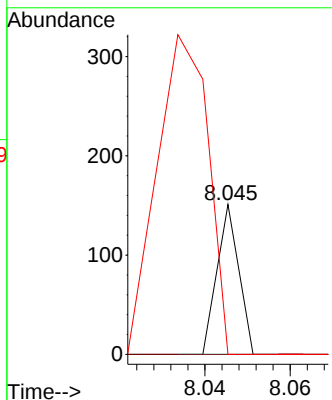
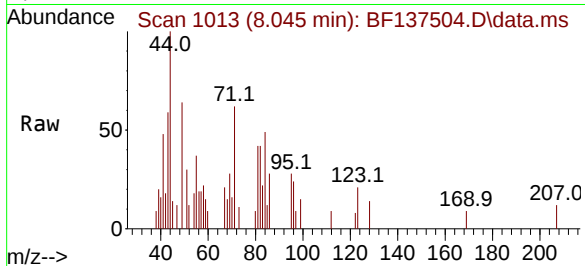




#32
Benzoic acid
Concen: 6.306 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.118 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

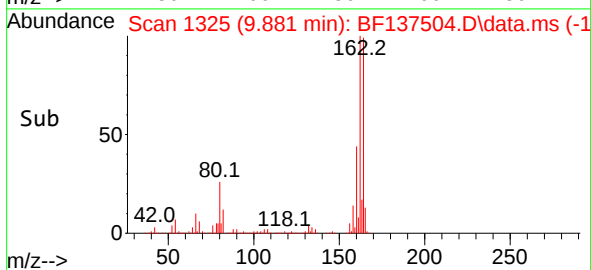
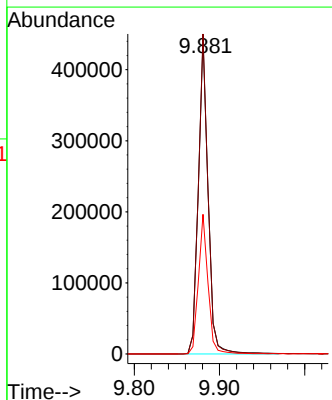
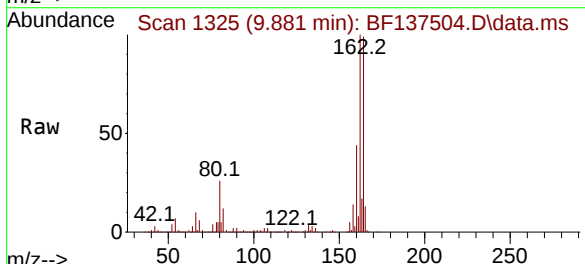
Instrument :
BNA_F
ClientSampleId :
TP-13

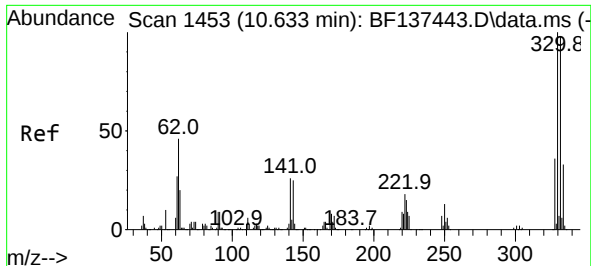
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 0.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion:164 Resp: 355358
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 76.144 ng

RT: 10.675 min Scan# 1453

Delta R.T. -0.017 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13

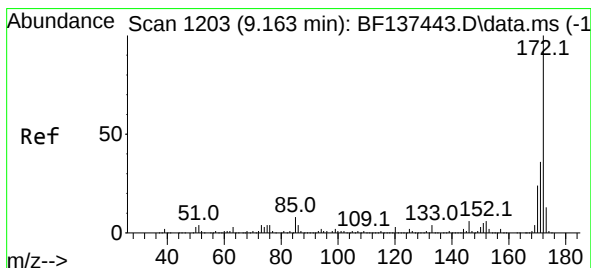
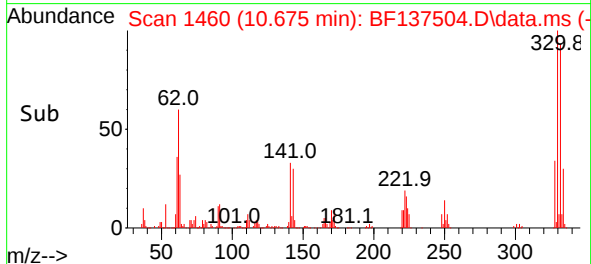
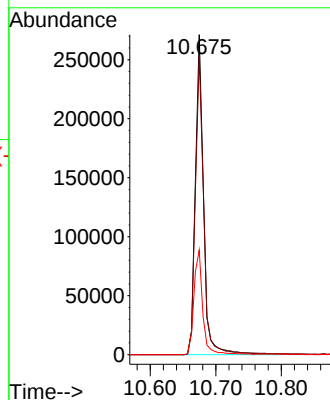
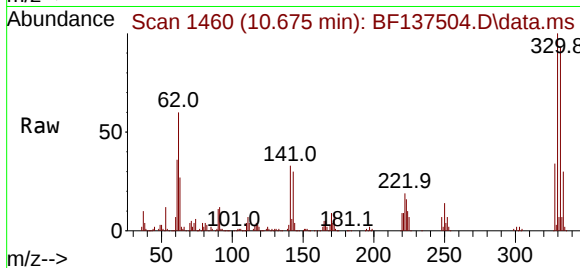
Tgt Ion:330 Resp: 237619

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 35.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 64.434 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

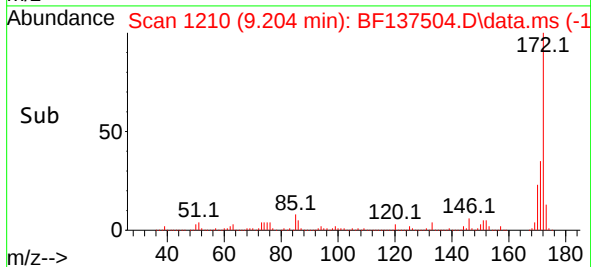
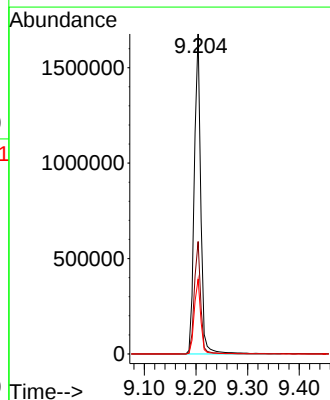
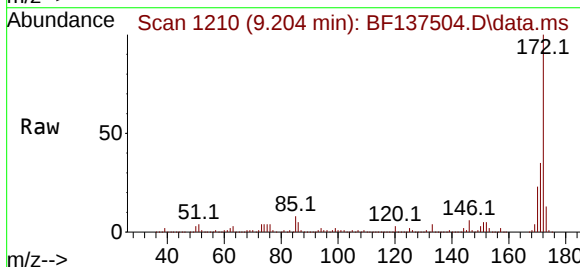
Tgt Ion:172 Resp: 1462743

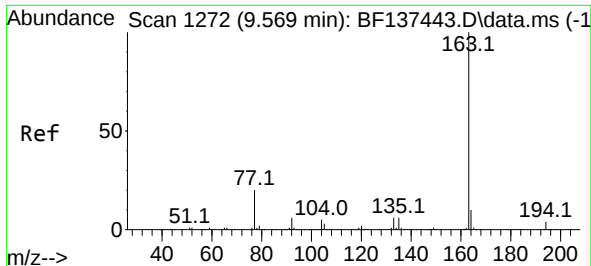
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.4 19.0 28.6

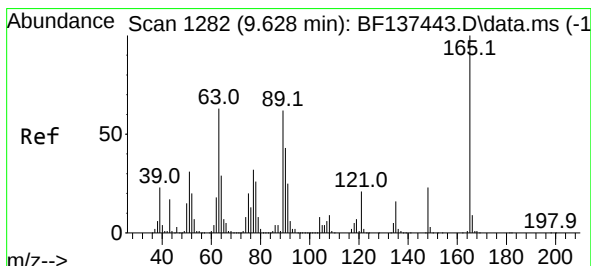
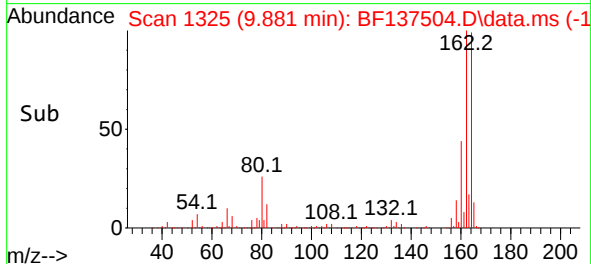
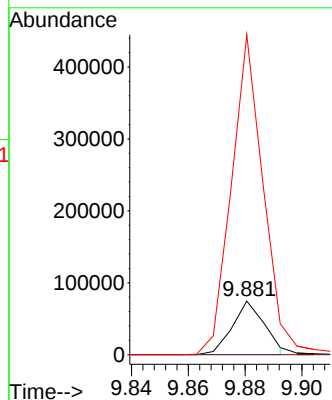
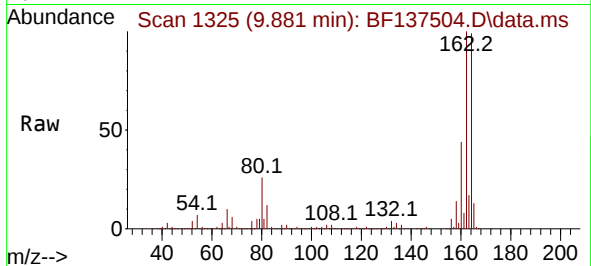




#50
Dimethylphthalate
Concen: 2.386 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

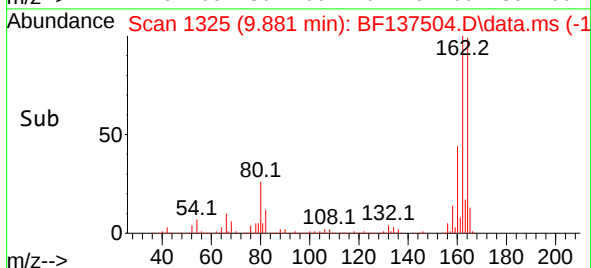
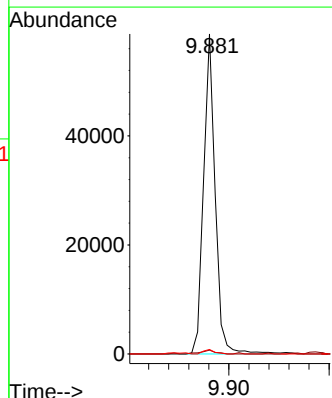
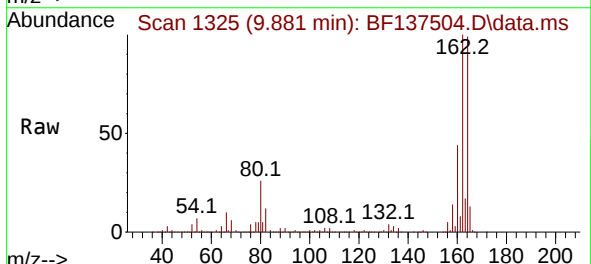
Instrument :
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ClientSampleId :
TP-13

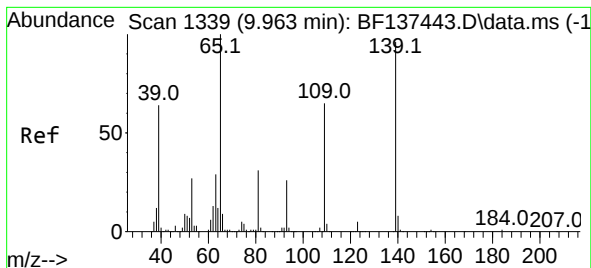
Tgt Ion:163 Resp: 59030
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 596.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.170 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.194 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion:165 Resp: 47447
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.4 50.0 75.0#

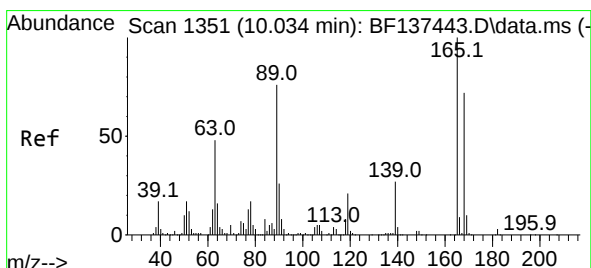
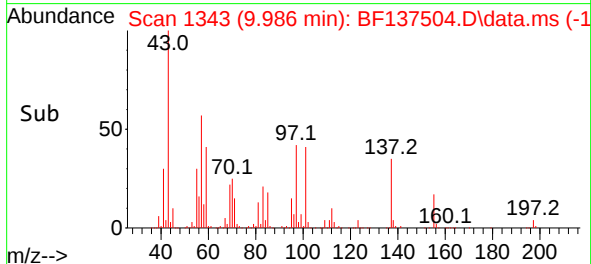
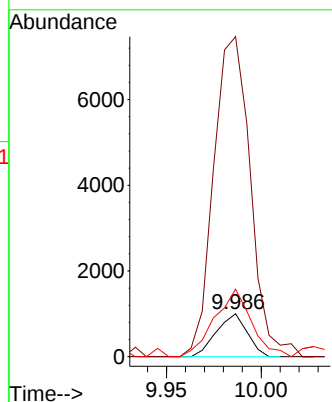
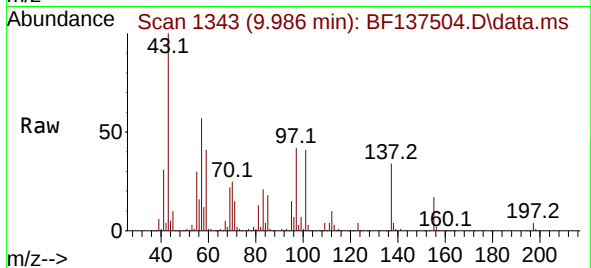




#56
4-Nitrophenol
Concen: 4.801 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

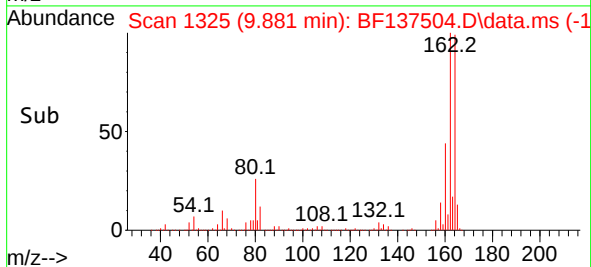
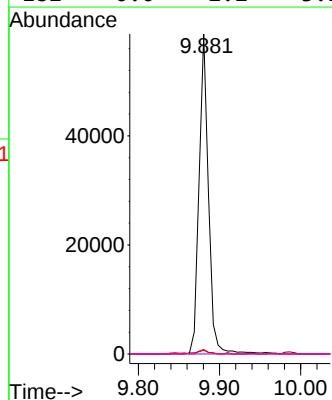
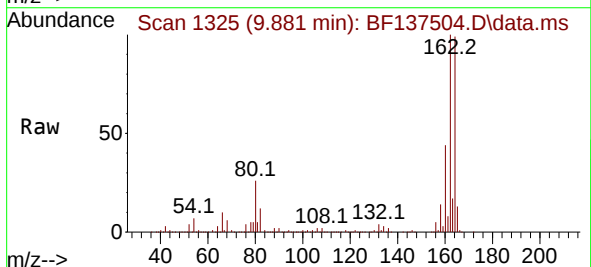
Instrument :
BNA_F
ClientSampleId :
TP-13

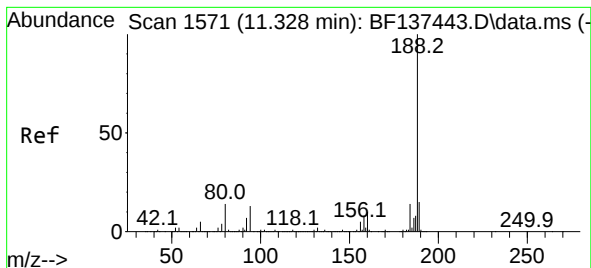
Tgt Ion:139 Resp: 1132
Ion Ratio Lower Upper
139 100
109 746.1 47.1 87.1#
65 157.5 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.490 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.212 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion:165 Resp: 47609
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13

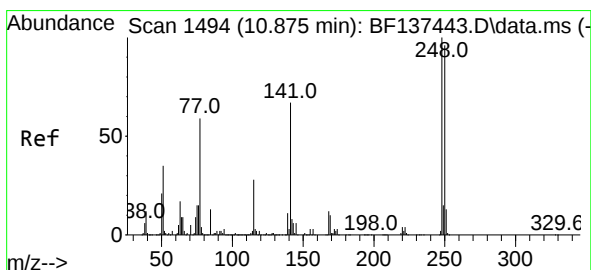
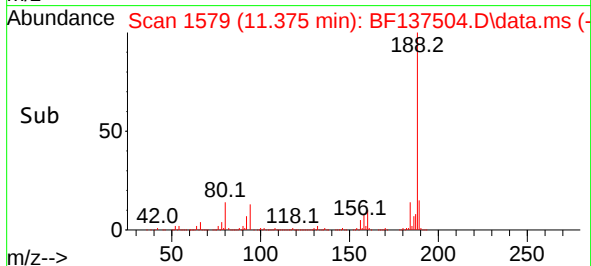
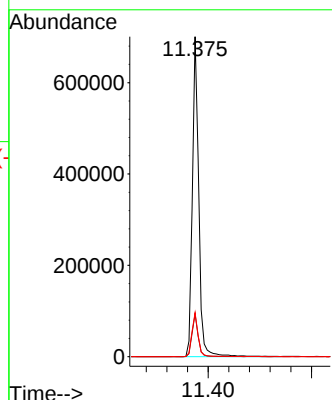
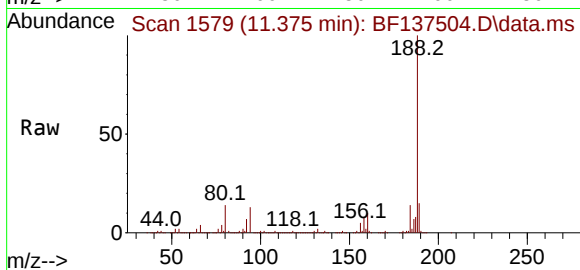
Tgt Ion:188 Resp: 597941

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 13.7 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.495 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.259 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

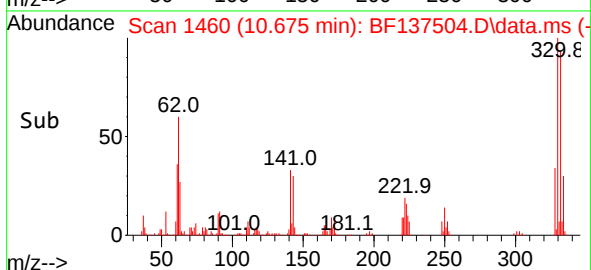
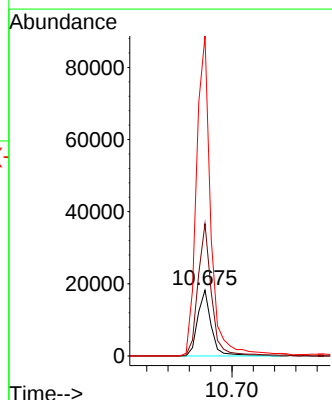
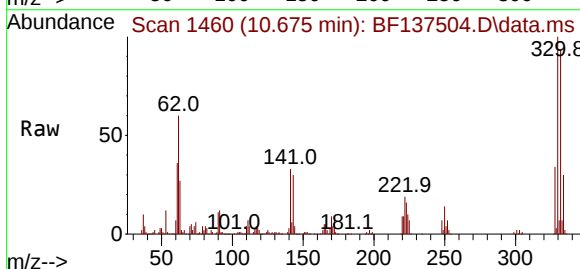
Tgt Ion:248 Resp: 16246

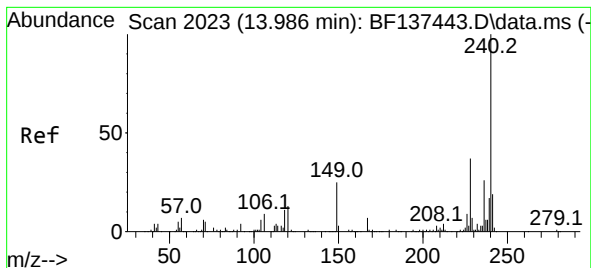
Ion Ratio Lower Upper

248 100

250 201.3 76.8 115.2#

141 487.0 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13

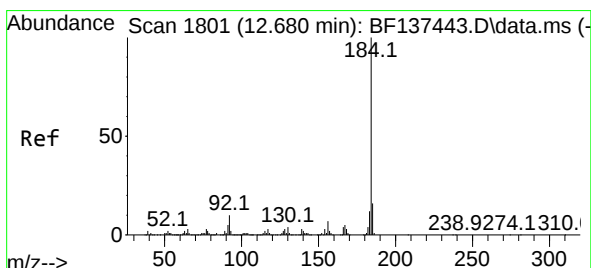
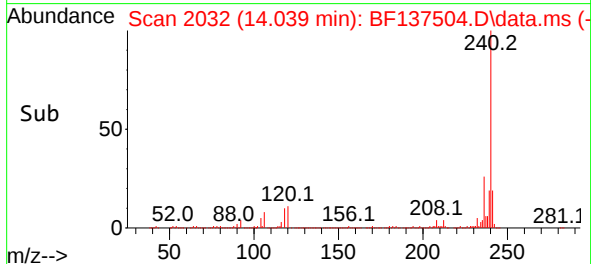
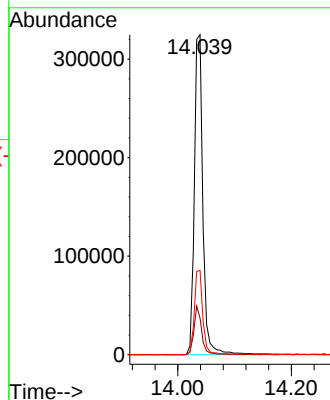
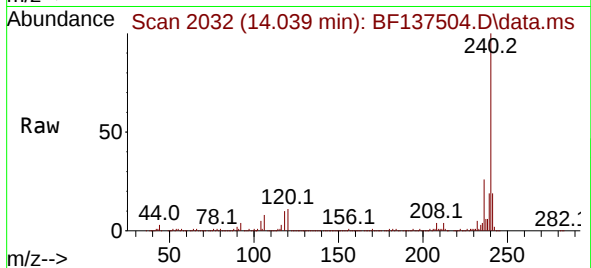
Tgt Ion:240 Resp: 341383

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

236 26.4 20.9 31.3



#77

Benzidine

Concen: 2.240 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.241 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

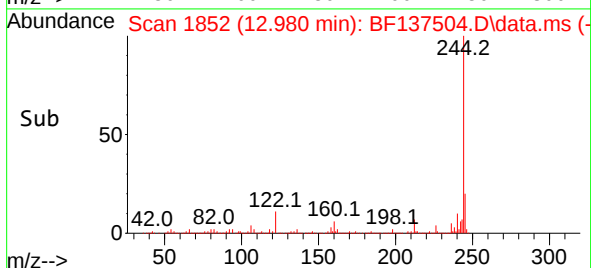
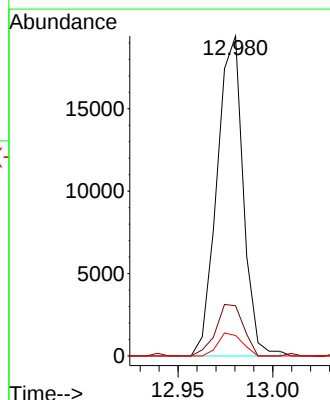
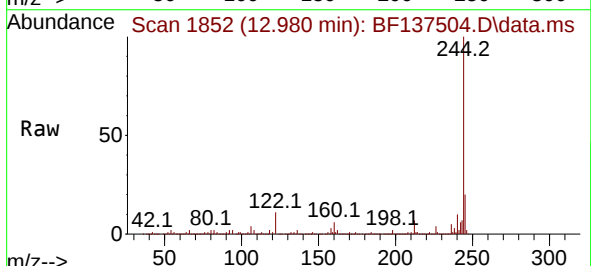
Tgt Ion:184 Resp: 18710

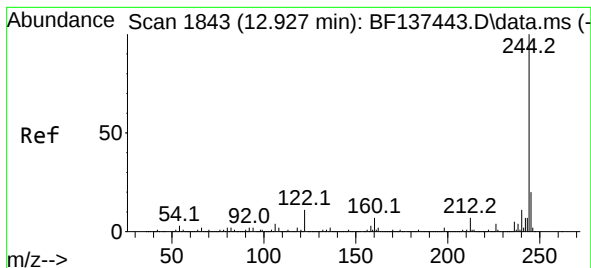
Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

183 6.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 59.648 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13

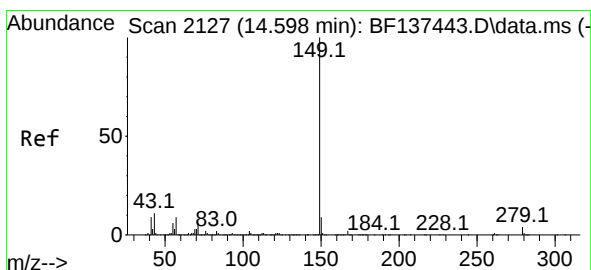
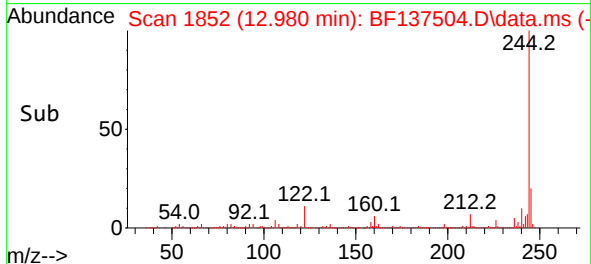
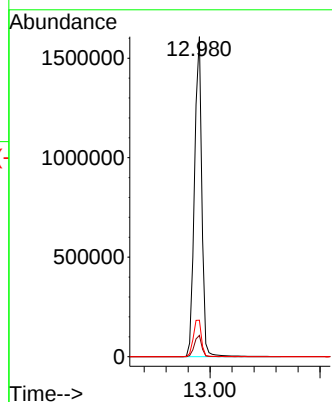
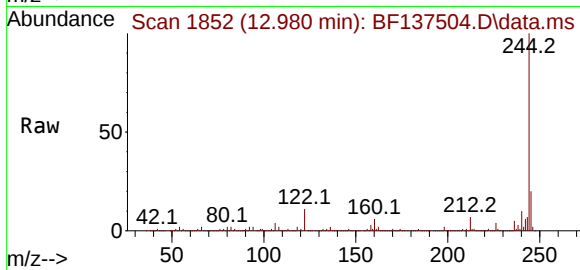
Tgt Ion:244 Resp: 1480821

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.4 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.646 ng

RT: 14.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

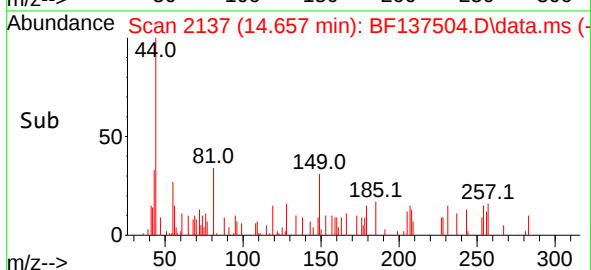
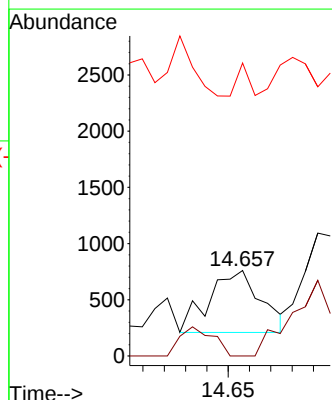
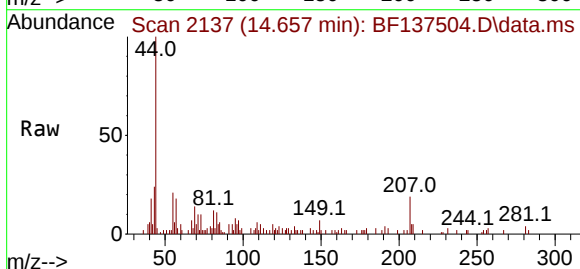
Tgt Ion:149 Resp: 932

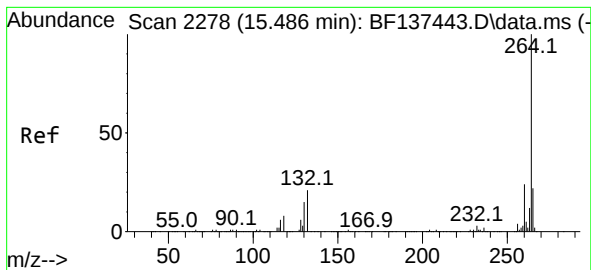
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137504.D

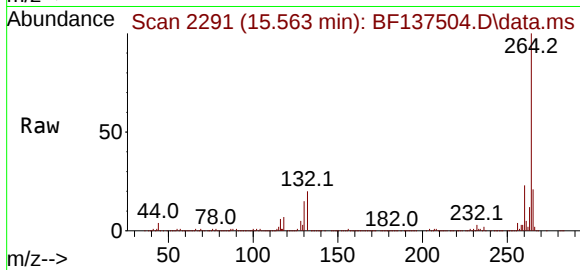
Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13



Tgt Ion:264 Resp: 345718

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 20.9 17.4 26.0

