

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137428.D
 Acq On : 28 Feb 2024 17:53
 Operator : CG\JU
 Sample : P1583-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 18:11:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

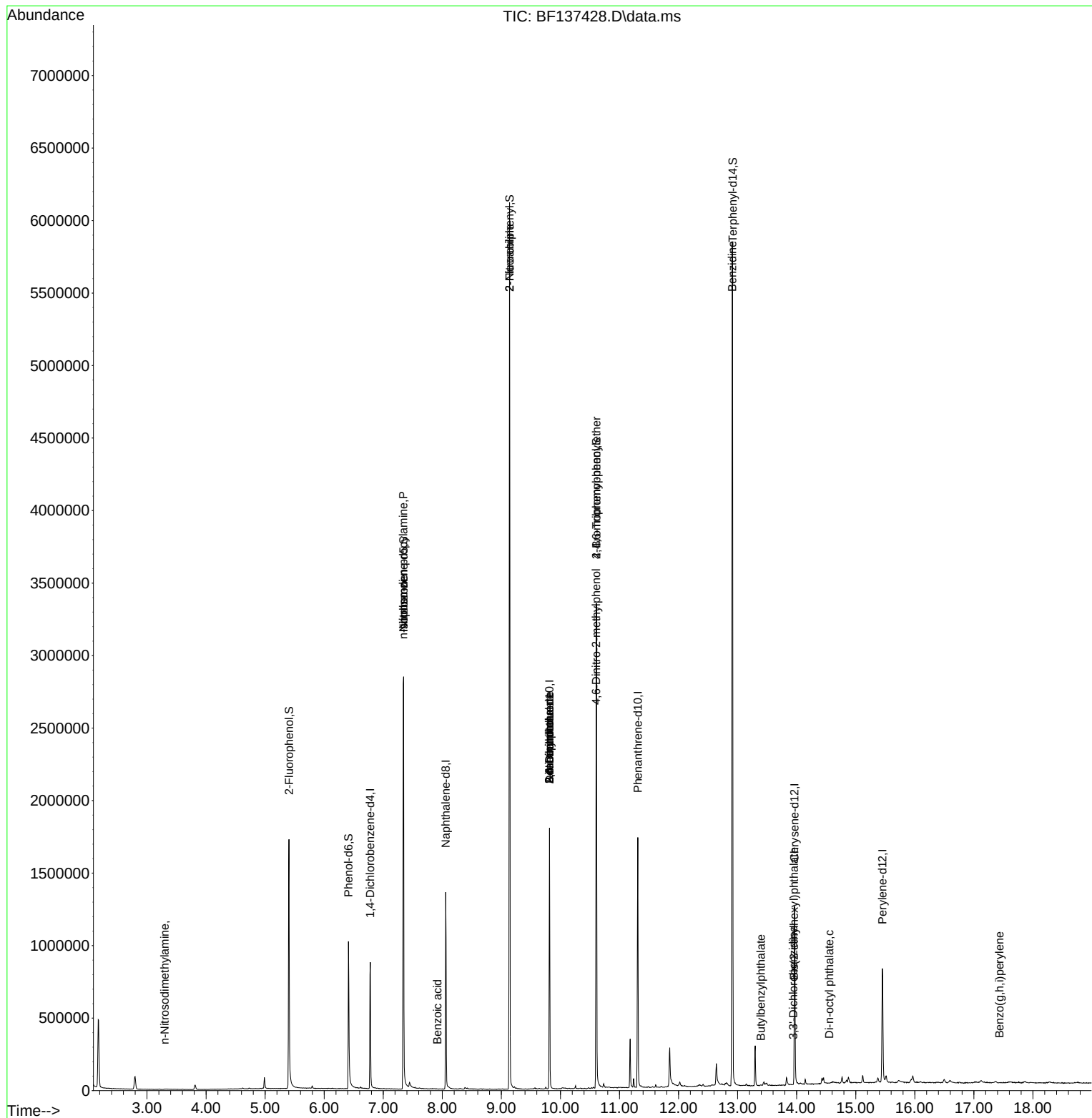
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	135033	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	551877	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	316230	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	589066	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	427813	20.000	ng	-0.02
86) Perylene-d12	15.451	264	366826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	496768	56.766	ng	-0.02
7) Phenol-d6	6.410	99	393001	30.529	ng	-0.03
23) Nitrobenzene-d5	7.345	82	1019532	92.230	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	360099	130.767	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1734460	85.390	ng	-0.02
79) Terphenyl-d14	12.916	244	2224207	72.718	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.298	42	119	5.130	ng	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	132953	16.760	ng	# 84
25) Isophorone	7.345	82	1019634	44.603	ng	# 69
32) Benzoic acid	7.916	122	383	7.014	ng	# 86
48) 2-Nitroaniline	9.139	65	3383	4.827	ng	# 1
50) Dimethylphthalate	9.816	163	50737	2.322	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	40630	9.995	ng	# 26
53) 3-Nitroaniline	9.816	138	73	2.375	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	40630	8.793	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.604	198	915	4.794	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	25145	3.971	ng	# 1
77) Benzidine	12.910	184	26786	10.071	ng	# 92
80) Butylbenzylphthalate	13.392	149	190	4.022	ng	# 5
82) 3,3'-Dichlorobenzidine	13.945	252	55	5.040	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	4353	4.746	ng	# 83
85) Di-n-octyl phthalate	14.551	149	286	6.026	ng	# 59
92) Benzo(g,h,i)perylene	17.433	276	55	2.072	ng	# 49

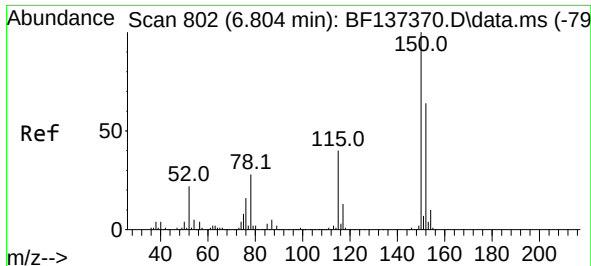
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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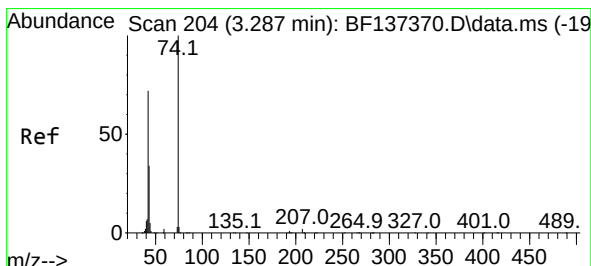
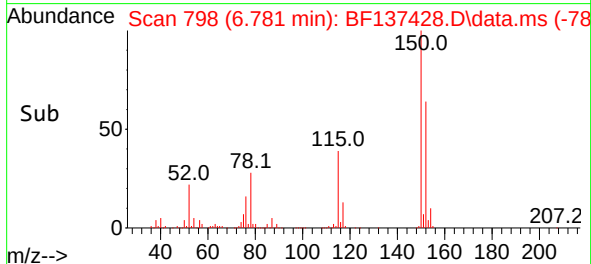
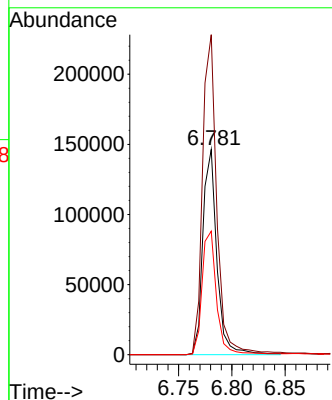
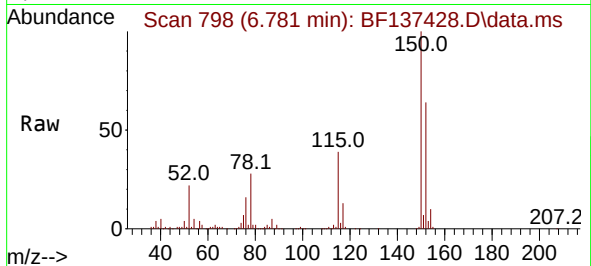




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

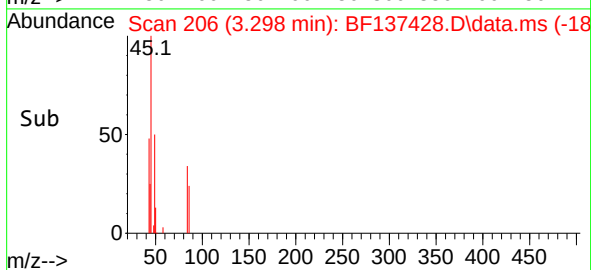
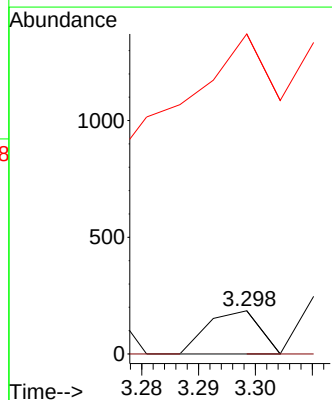
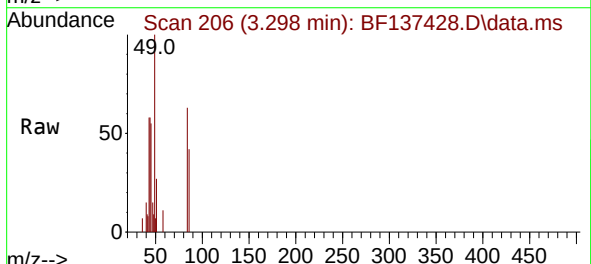
Instrument :
BNA_F
ClientSampleId :

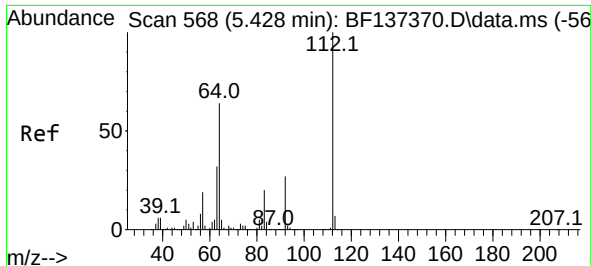
Tgt Ion:152 Resp: 135033
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 60.2 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.130 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.011 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

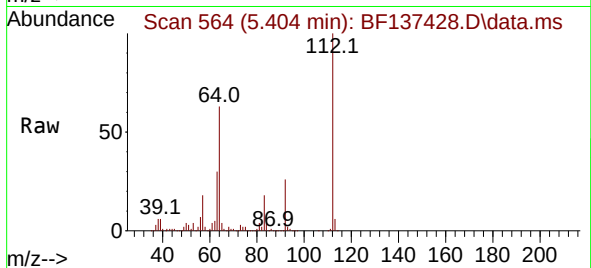
Tgt Ion: 42 Resp: 119
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 741.1 6.0 9.0#



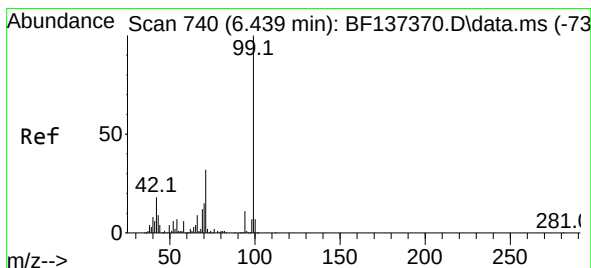
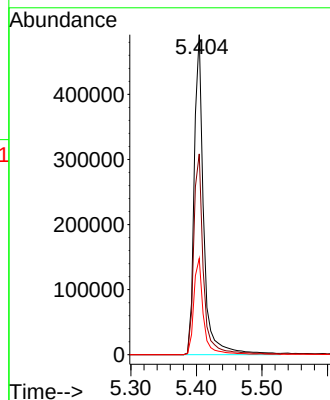
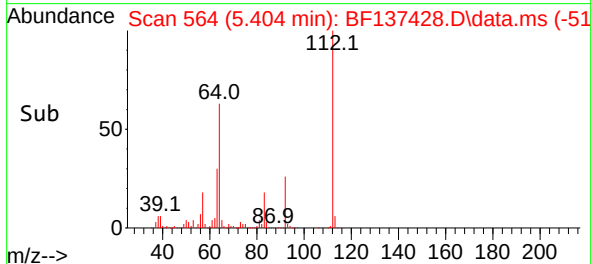


#5
2-Fluorophenol
Concen: 56.766 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.024 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :

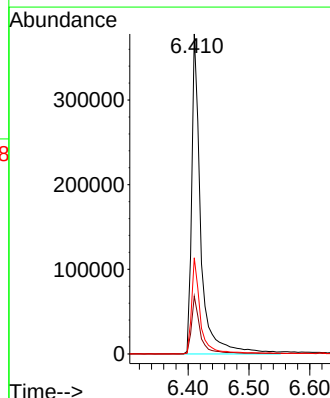
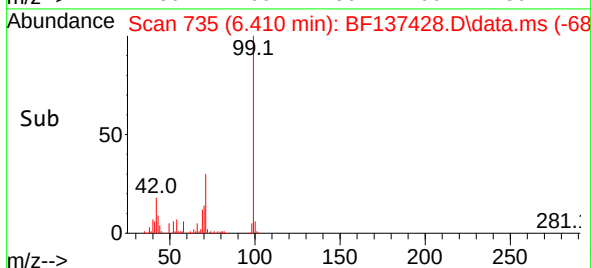
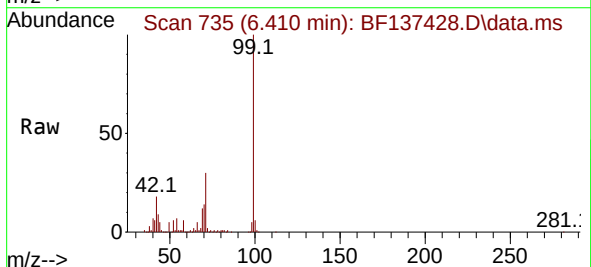


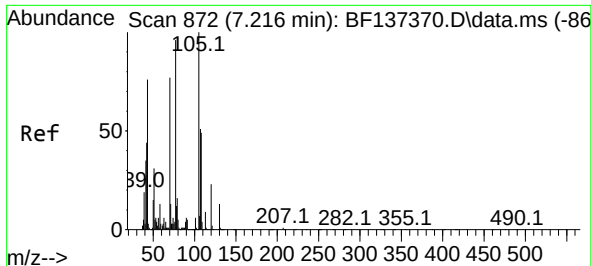
Tgt Ion:112 Resp: 496768
Ion Ratio Lower Upper
112 100
64 62.7 51.0 76.6
63 30.0 25.7 38.5



#7
Phenol-d6
Concen: 30.529 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.029 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

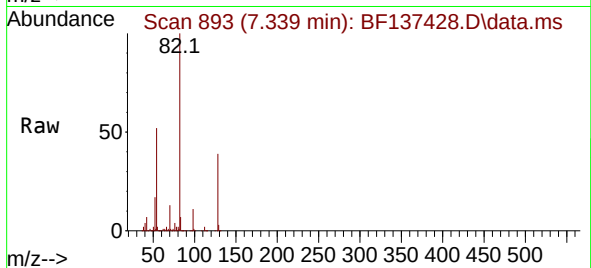
Tgt Ion: 99 Resp: 393001
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.0 25.2 37.8



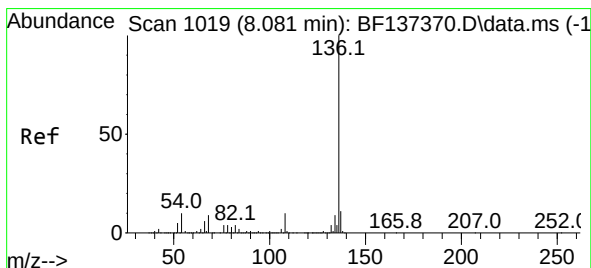
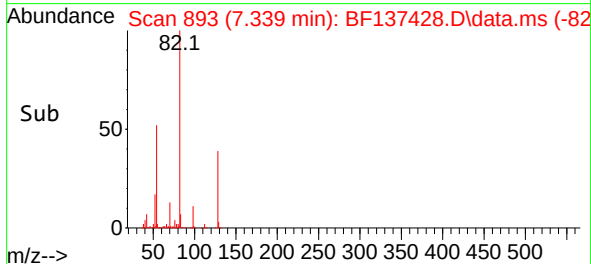
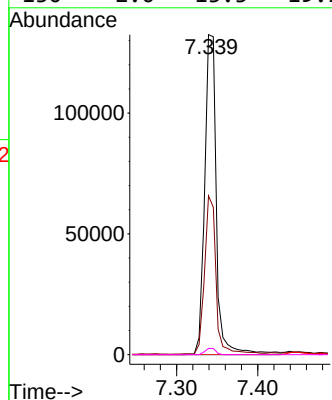


#19
n-Nitroso-di-n-propylamine
Concen: 16.760 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.123 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :

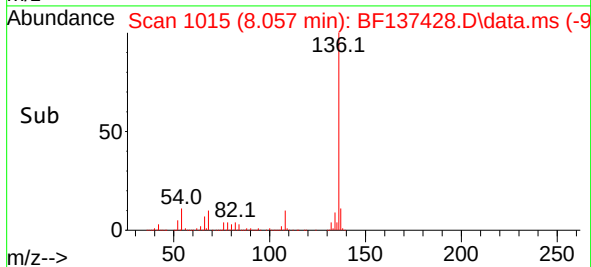
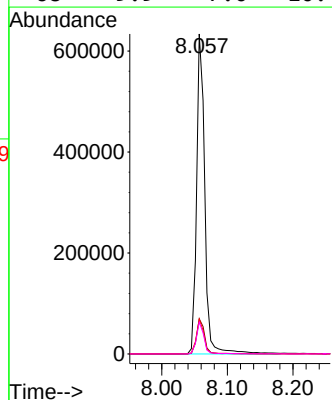
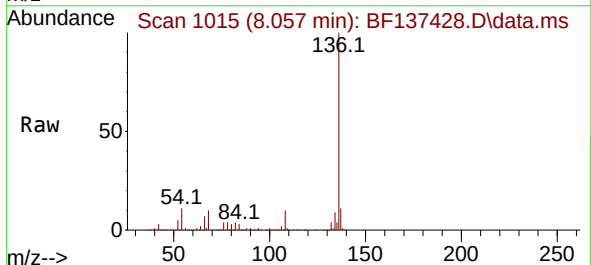


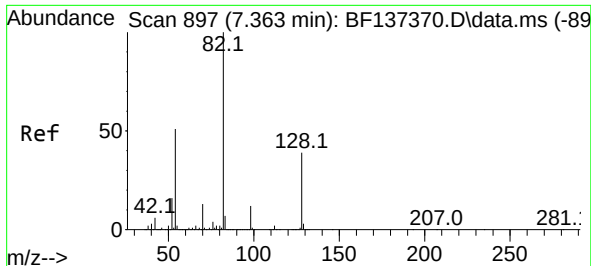
Tgt Ion: 70 Resp: 132953
Ion Ratio Lower Upper
70 100
42 49.6 45.3 67.9
101 0.0 6.5 9.7#
130 2.0 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion: 136 Resp: 551877
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.9 7.8 11.6
68 9.9 7.0 10.4





#23

Nitrobenzene-d5

Concen: 92.230 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

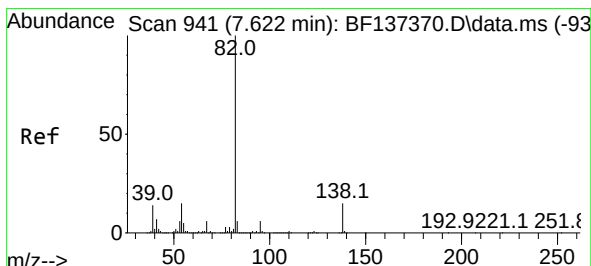
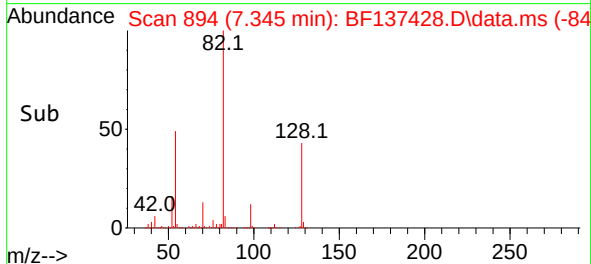
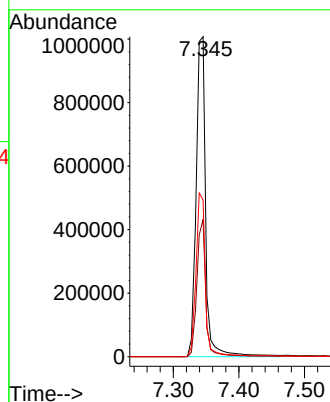
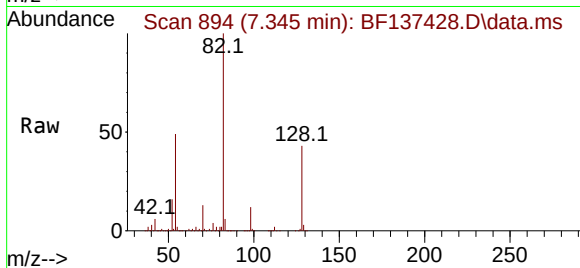
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1019532

Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.8	46.2
54	49.0	40.8	61.2



#25

Isophorone

Concen: 44.603 ng

RT: 7.345 min Scan# 894

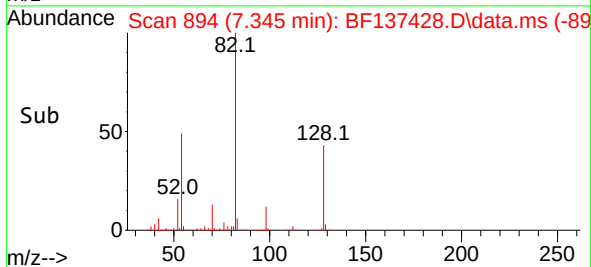
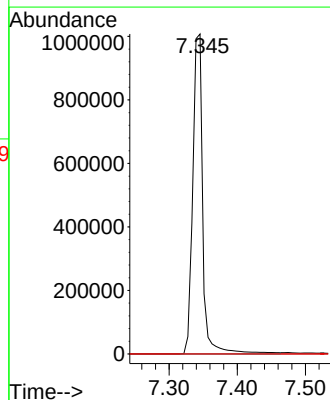
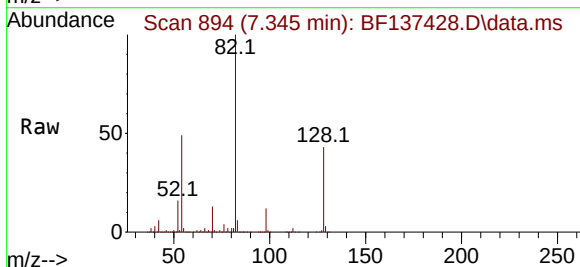
Delta R.T. -0.277 min

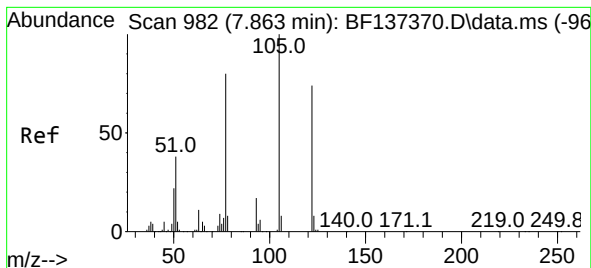
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Tgt Ion: 82 Resp: 1019634

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.2	18.4#





#32

Benzoic acid

Concen: 7.014 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.053 min

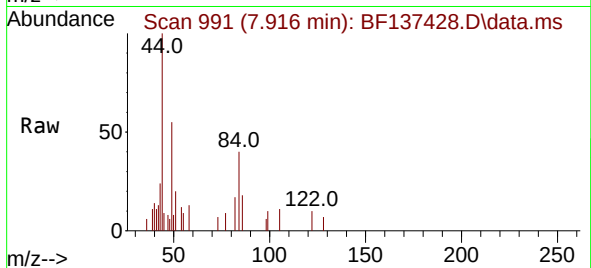
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :



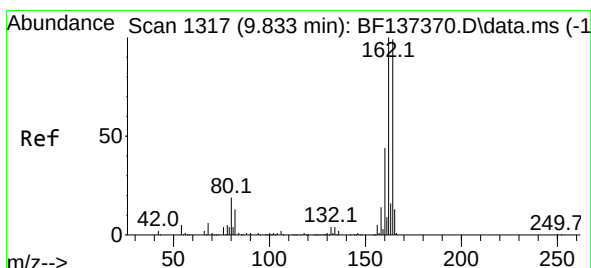
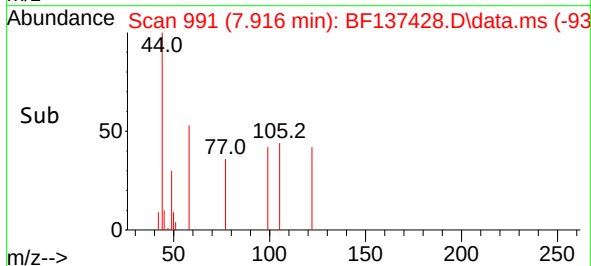
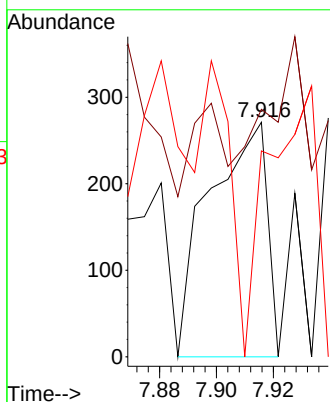
Tgt Ion:122 Resp: 383

Ion Ratio Lower Upper

122 100

105 105.5 101.1 141.1

77 87.8 82.8 122.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

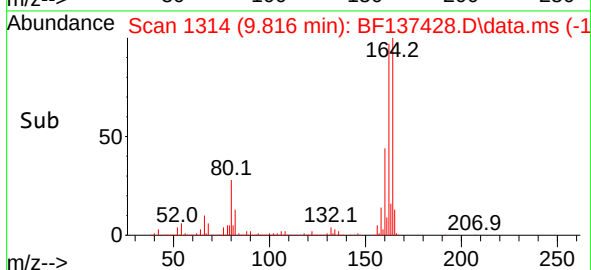
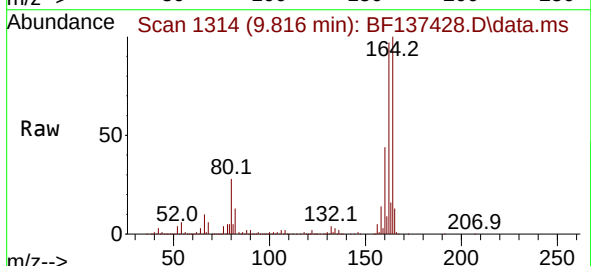
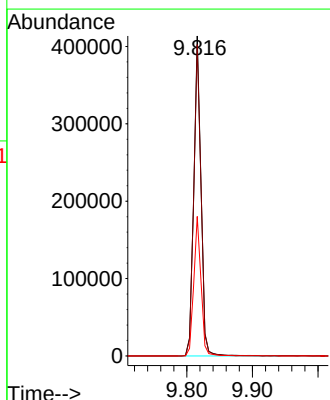
Tgt Ion:164 Resp: 316230

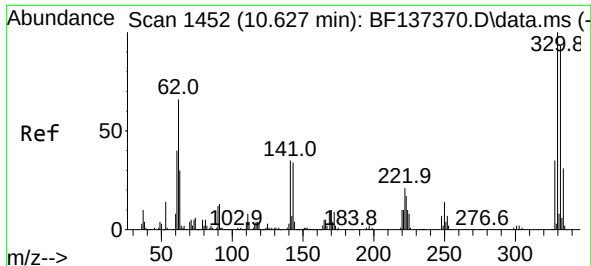
Ion Ratio Lower Upper

164 100

162 97.3 81.2 121.8

160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 130.767 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.018 min

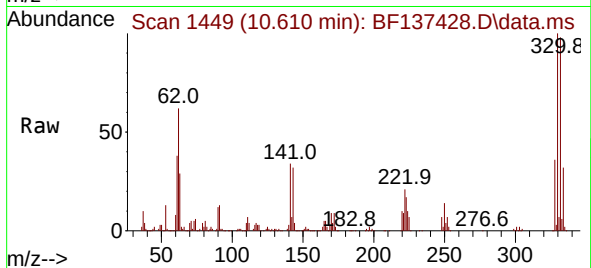
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :



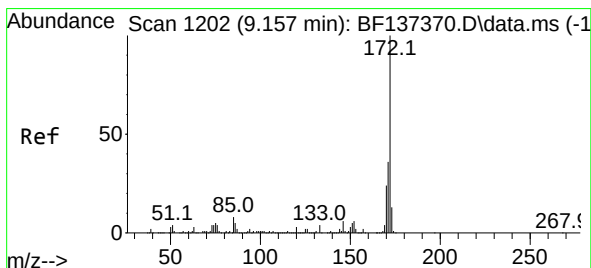
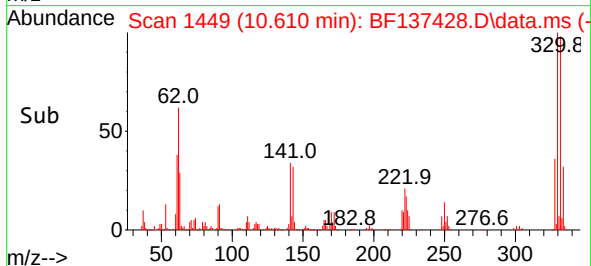
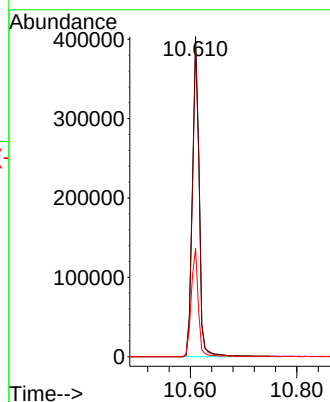
Tgt Ion:330 Resp: 360099

Ion Ratio Lower Upper

330 100

332 97.1 75.6 113.4

141 34.8 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 85.390 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

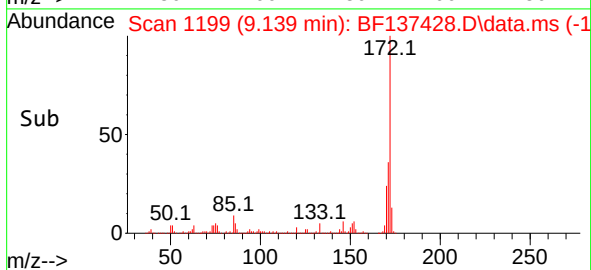
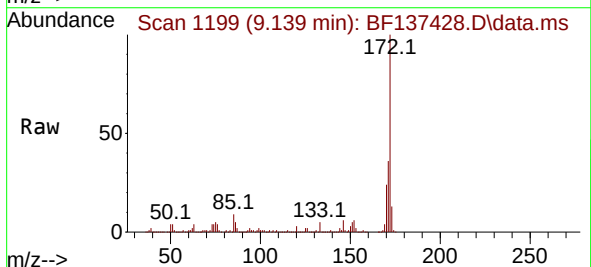
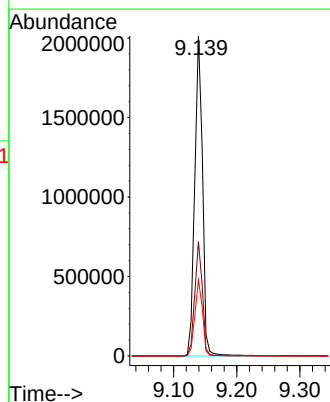
Tgt Ion:172 Resp: 1734460

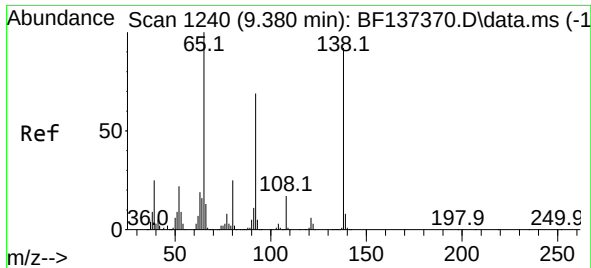
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.8 19.5 29.3

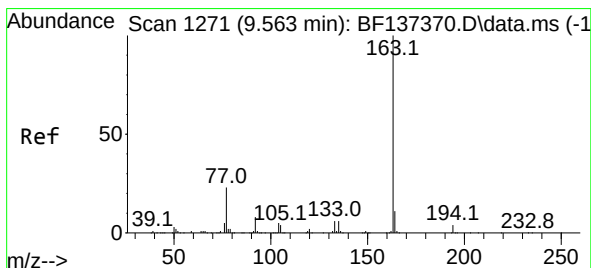
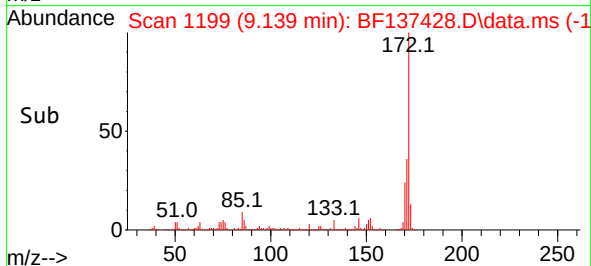
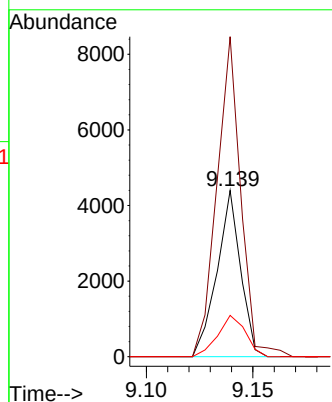
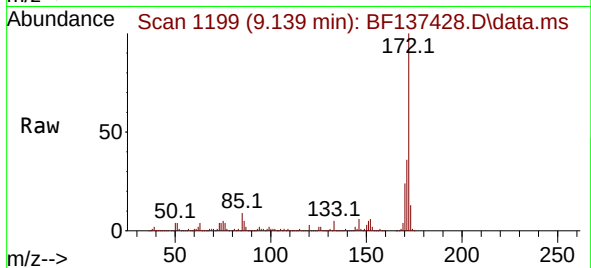




#48
2-Nitroaniline
Concen: 4.827 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.241 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

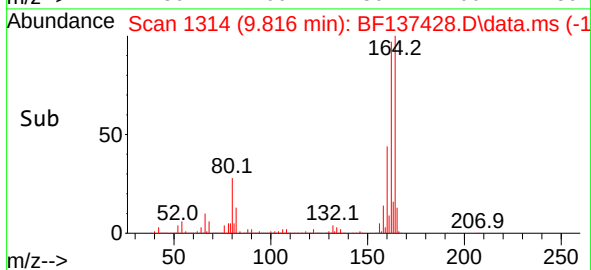
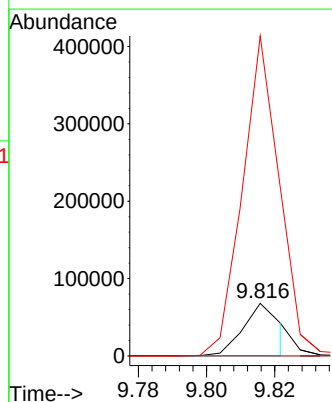
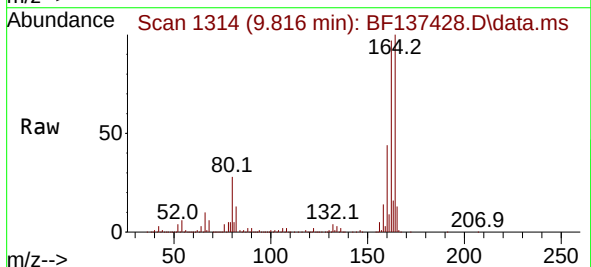
Instrument :
BNA_F
ClientSampleId :

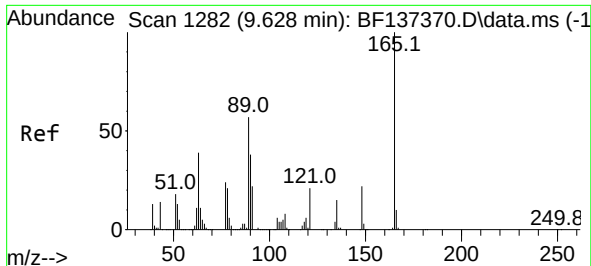
Tgt Ion: 65 Resp: 3383
Ion Ratio Lower Upper
65 100
92 192.5 55.0 82.6#
138 24.8 73.7 110.5#



#50
Dimethylphthalate
Concen: 2.322 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion: 163 Resp: 50737
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 607.2 8.5 12.7#

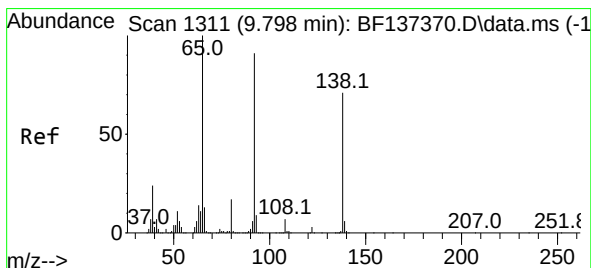
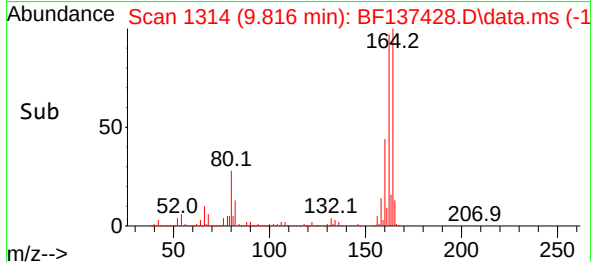
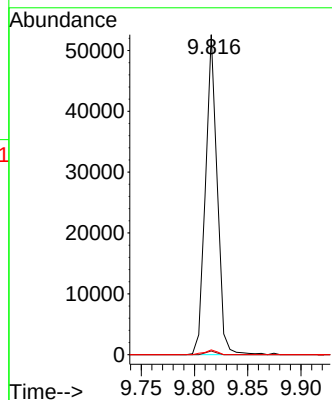
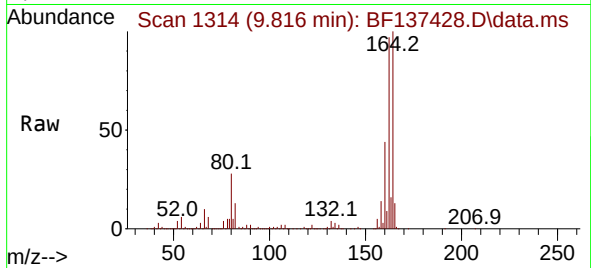




#51
2,6-Dinitrotoluene
Concen: 9.995 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

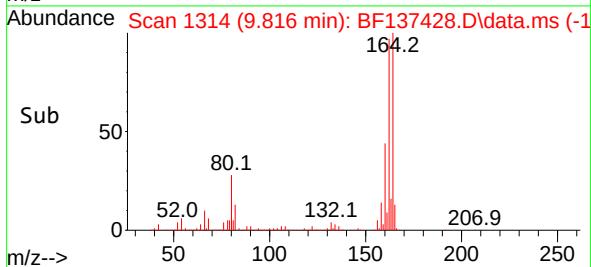
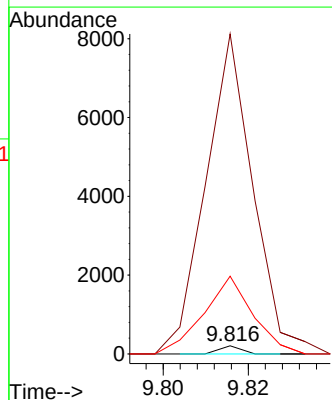
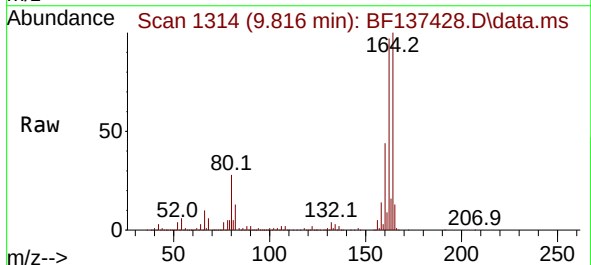
Instrument :
BNA_F
ClientSampleId :

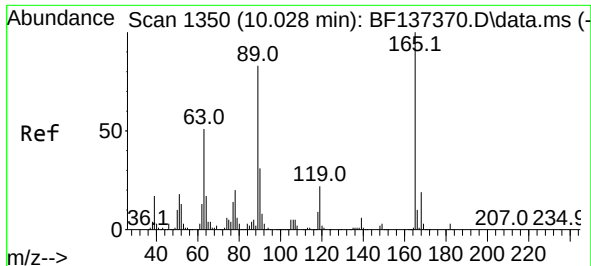
Tgt Ion:165 Resp: 40630
Ion Ratio Lower Upper
165 100
63 1.1 41.6 62.4#
89 1.5 45.8 68.6#



#53
3-Nitroaniline
Concen: 2.375 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

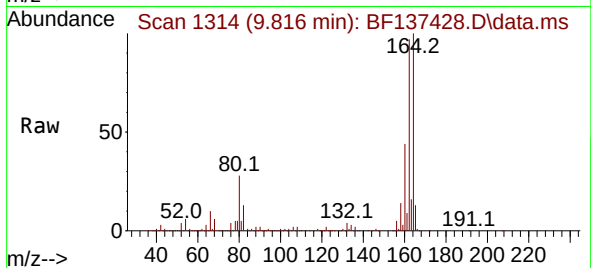
Tgt Ion:138 Resp: 73
Ion Ratio Lower Upper
138 100
108 3923.2 8.2 12.2#
92 953.6 102.2 153.2#



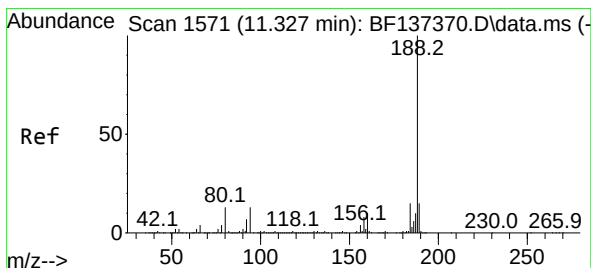
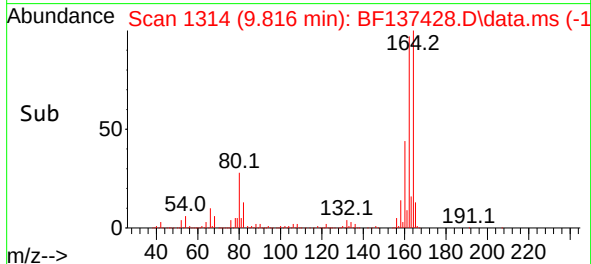
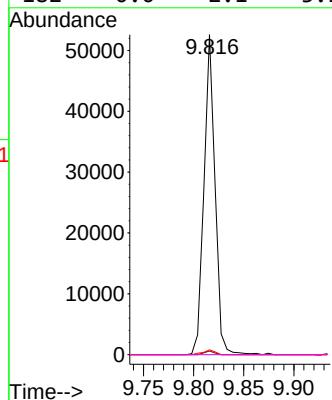


#57
2,4-Dinitrotoluene
Concen: 8.793 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :

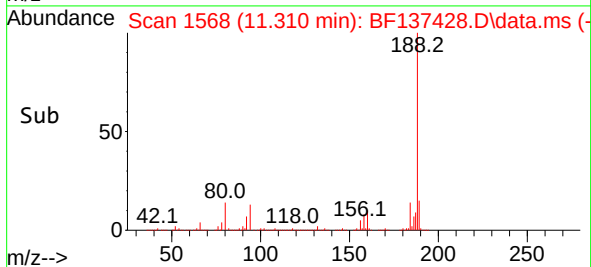
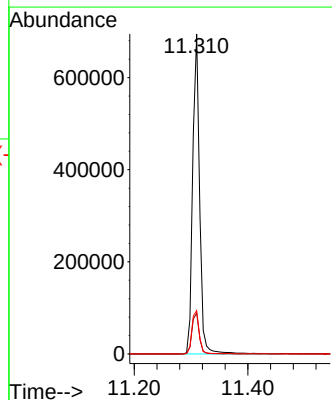
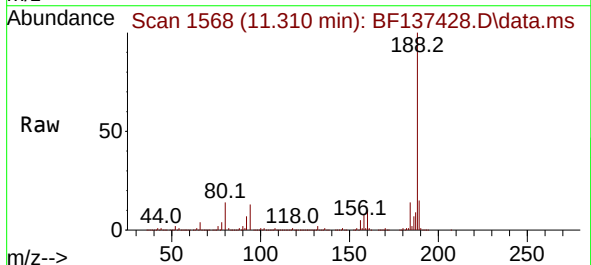


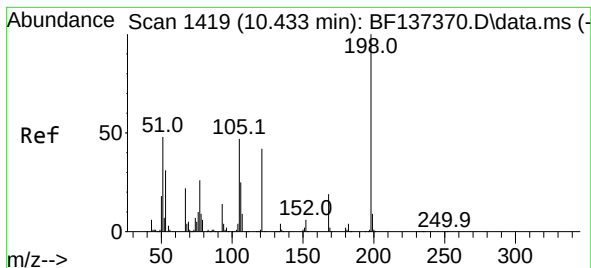
Tgt Ion:165 Resp: 40630
Ion Ratio Lower Upper
165 100
63 1.1 41.1 61.7#
89 1.5 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

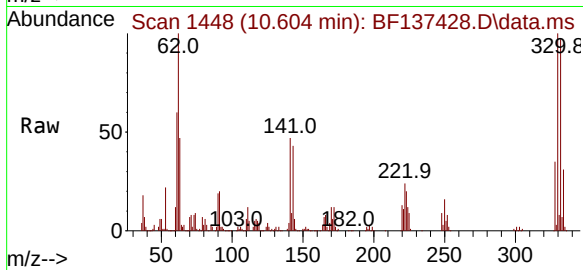
Tgt Ion:188 Resp: 589066
Ion Ratio Lower Upper
188 100
94 12.7 10.2 15.2
80 13.6 10.7 16.1



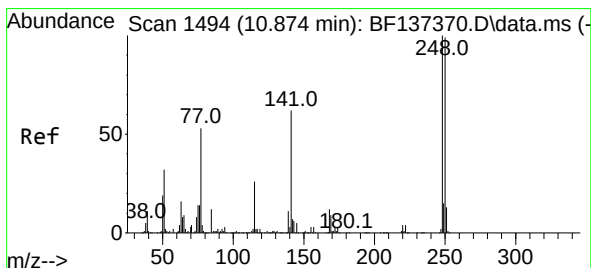
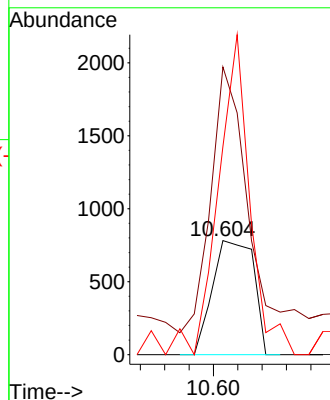
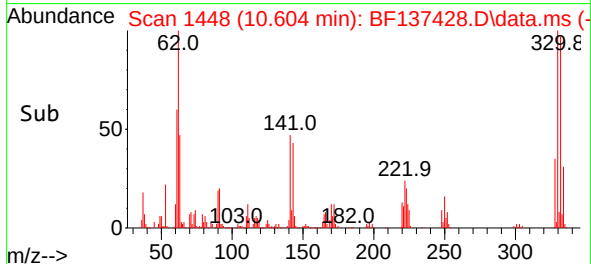


#65
4,6-Dinitro-2-methylphenol
Concen: 4.794 ng
RT: 10.604 min Scan# 1419
Delta R.T. 0.171 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

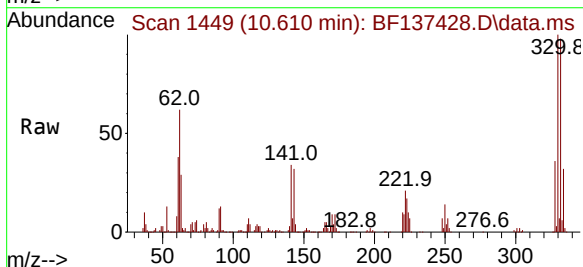
Instrument :
BNA_F
ClientSampleId :



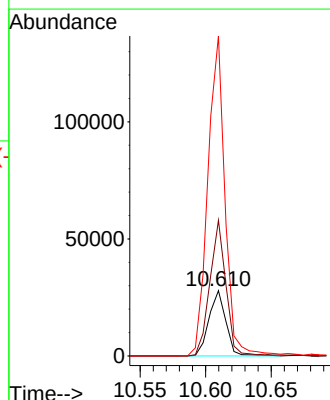
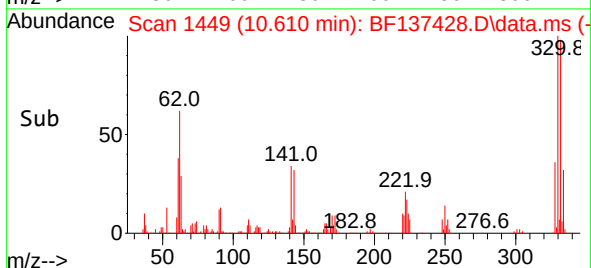
Tgt Ion:198 Resp: 915
Ion Ratio Lower Upper
198 100
51 252.0 36.8 76.8#
105 182.5 28.5 68.5#

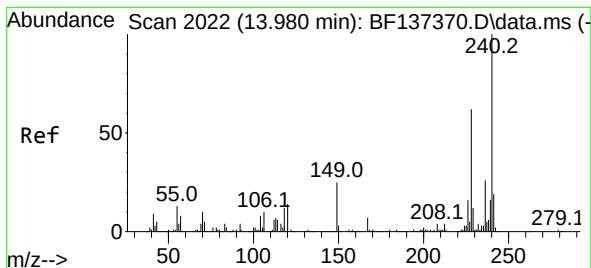


#67
4-Bromophenyl-phenylether
Concen: 3.971 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.265 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53



Tgt Ion:248 Resp: 25145
Ion Ratio Lower Upper
248 100
250 207.6 79.0 118.6#
141 489.8 49.9 74.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.018 min

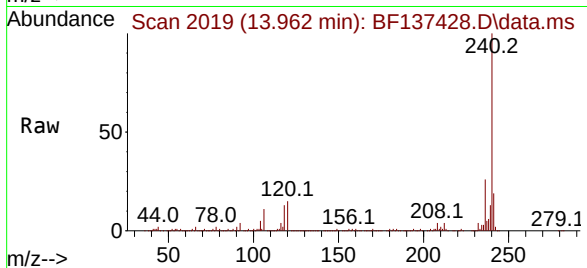
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :



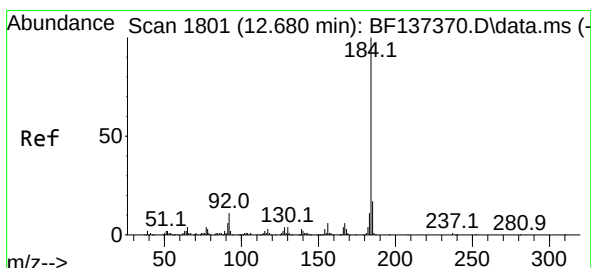
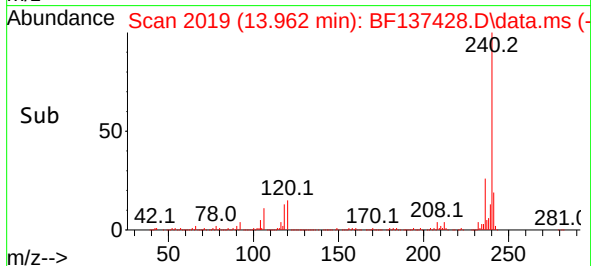
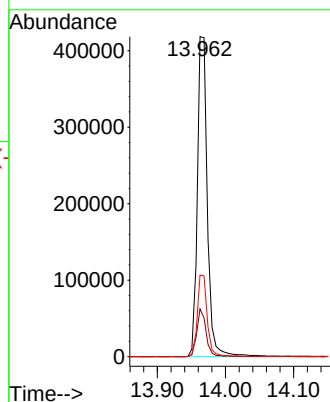
Tgt Ion:240 Resp: 427813

Ion Ratio Lower Upper

240 100

120 14.9 11.3 16.9

236 25.5 20.5 30.7



#77

Benzidine

Concen: 10.071 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.230 min

Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

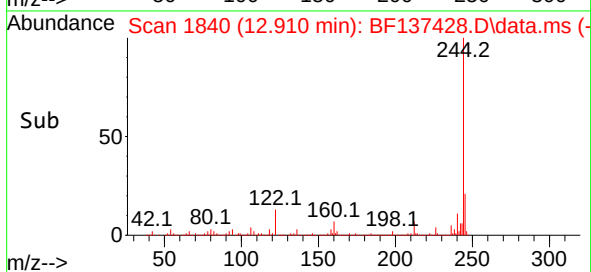
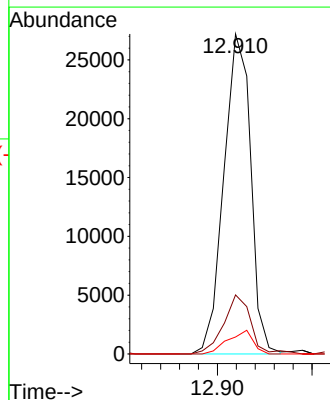
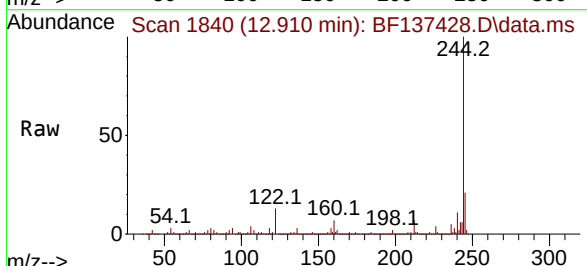
Tgt Ion:184 Resp: 26786

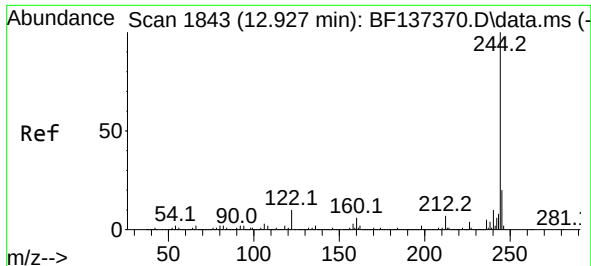
Ion Ratio Lower Upper

184 100

185 18.4 13.7 20.5

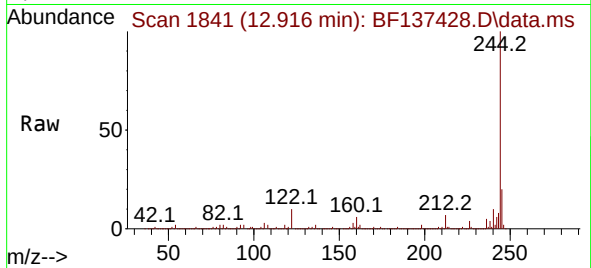
183 5.3 8.8 13.2#



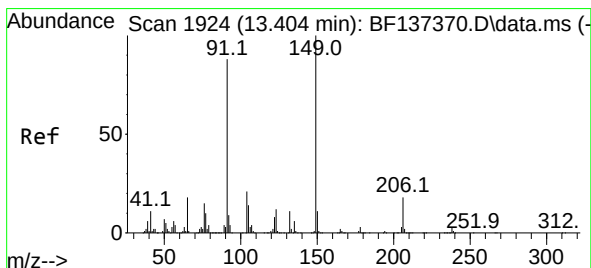
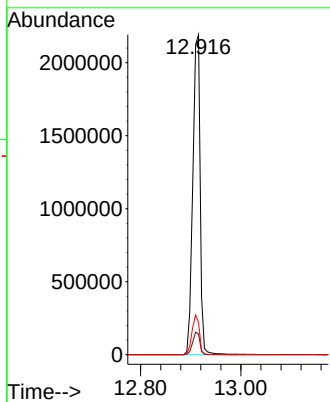
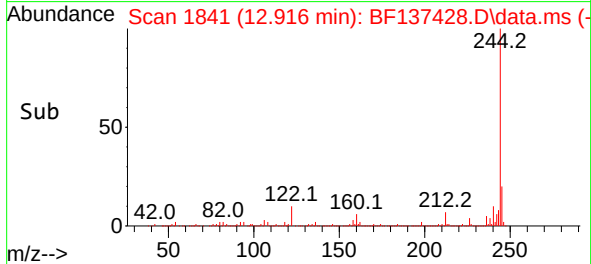


#79
 Terphenyl-d14
 Concen: 72.718 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137428.D
 Acq: 28 Feb 2024 17:53

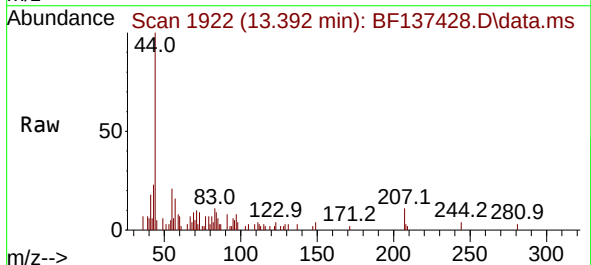
Instrument :
 BNA_F
 ClientSampleId :



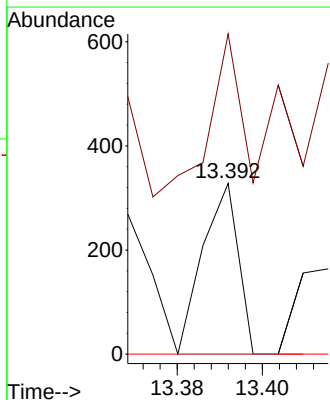
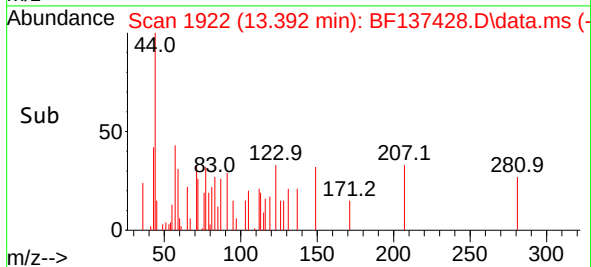
Tgt Ion:244 Resp: 2224207
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.1 8.2 12.4

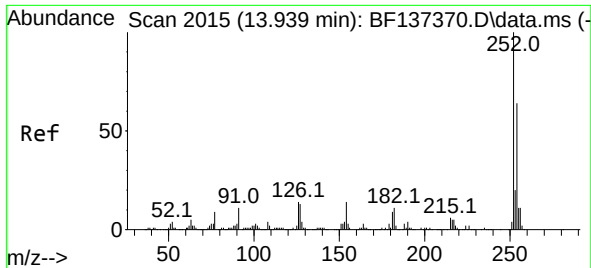


#80
 Butylbenzylphthalate
 Concen: 4.022 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF137428.D
 Acq: 28 Feb 2024 17:53



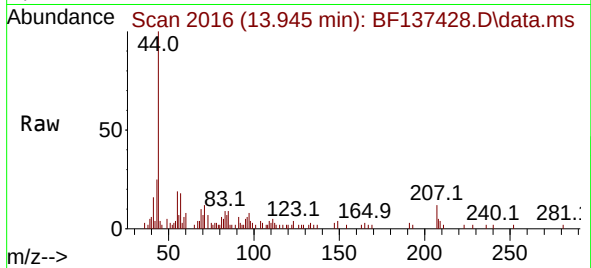
Tgt Ion:149 Resp: 190
 Ion Ratio Lower Upper
 149 100
 91 187.5 70.5 105.7#
 206 0.0 14.8 22.2#



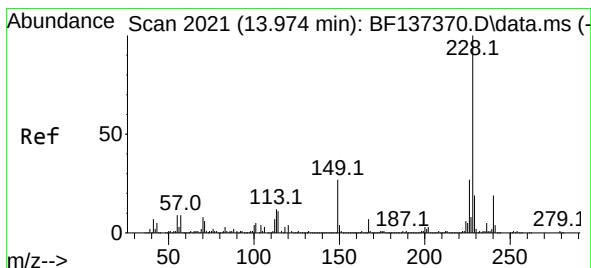
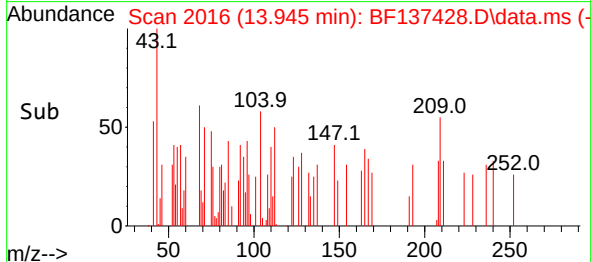
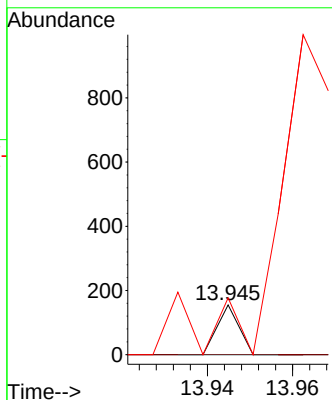


#82
3,3'-Dichlorobenzidine
Concen: 5.040 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Instrument :
BNA_F
ClientSampleId :

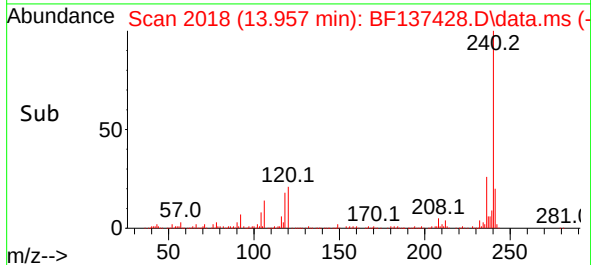
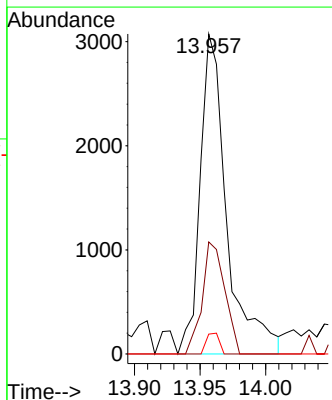
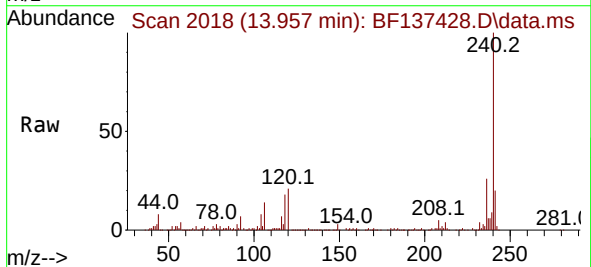


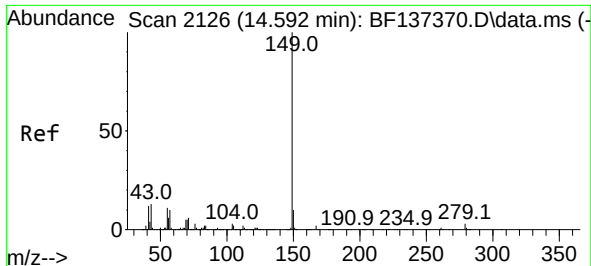
Tgt Ion:252 Resp: 55
Ion Ratio Lower Upper
252 100
254 0.0 51.2 76.8#
126 114.2 11.1 16.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.746 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion:149 Resp: 4353
Ion Ratio Lower Upper
149 100
167 35.0 20.6 31.0#
279 6.2 2.7 4.1#

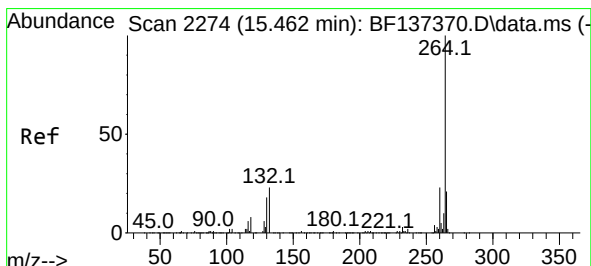
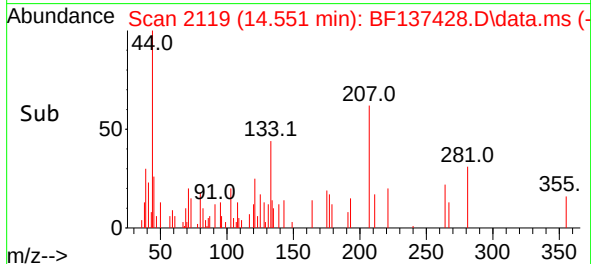
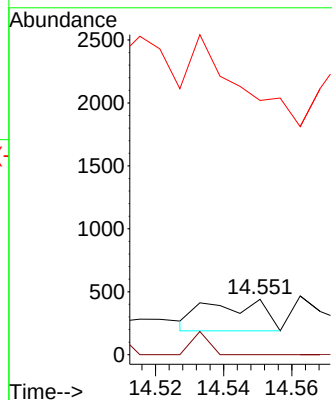
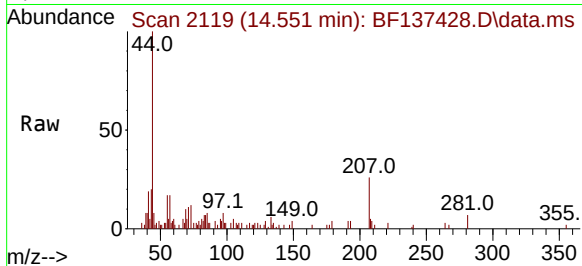




#85
Di-n-octyl phthalate
Concen: 6.026 ng
RT: 14.551 min Scan# 2126
Delta R.T. -0.041 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

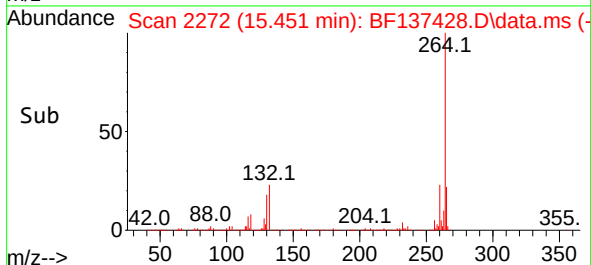
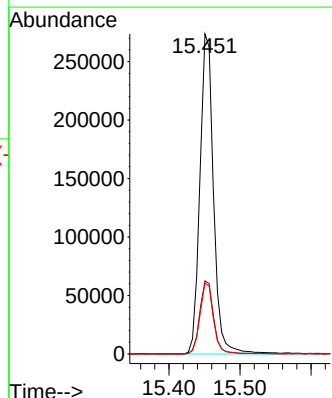
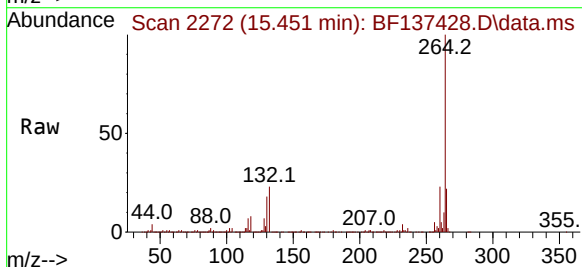
Instrument :
BNA_F
ClientSampleId :

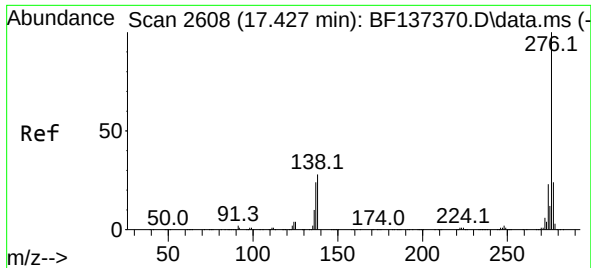
Tgt Ion:149 Resp: 286
Ion Ratio Lower Upper
149 100
167 22.7 1.2 1.8#
43 0.0 13.7 20.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion:264 Resp: 366826
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 22.2 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 2.072 ng

RT: 17.433 min Scan# 20

Delta R.T. 0.006 min

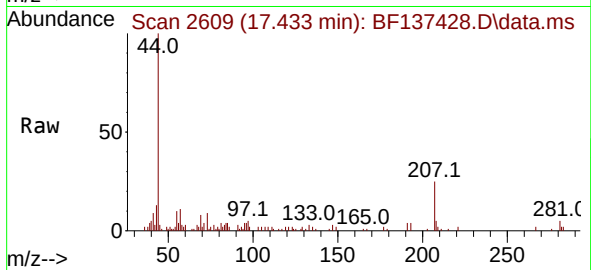
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 22.6 33.8#

