

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137391.D
 Acq On : 26 Feb 2024 18:04
 Operator : CG\JU
 Sample : P1538-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 00:39:28 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)

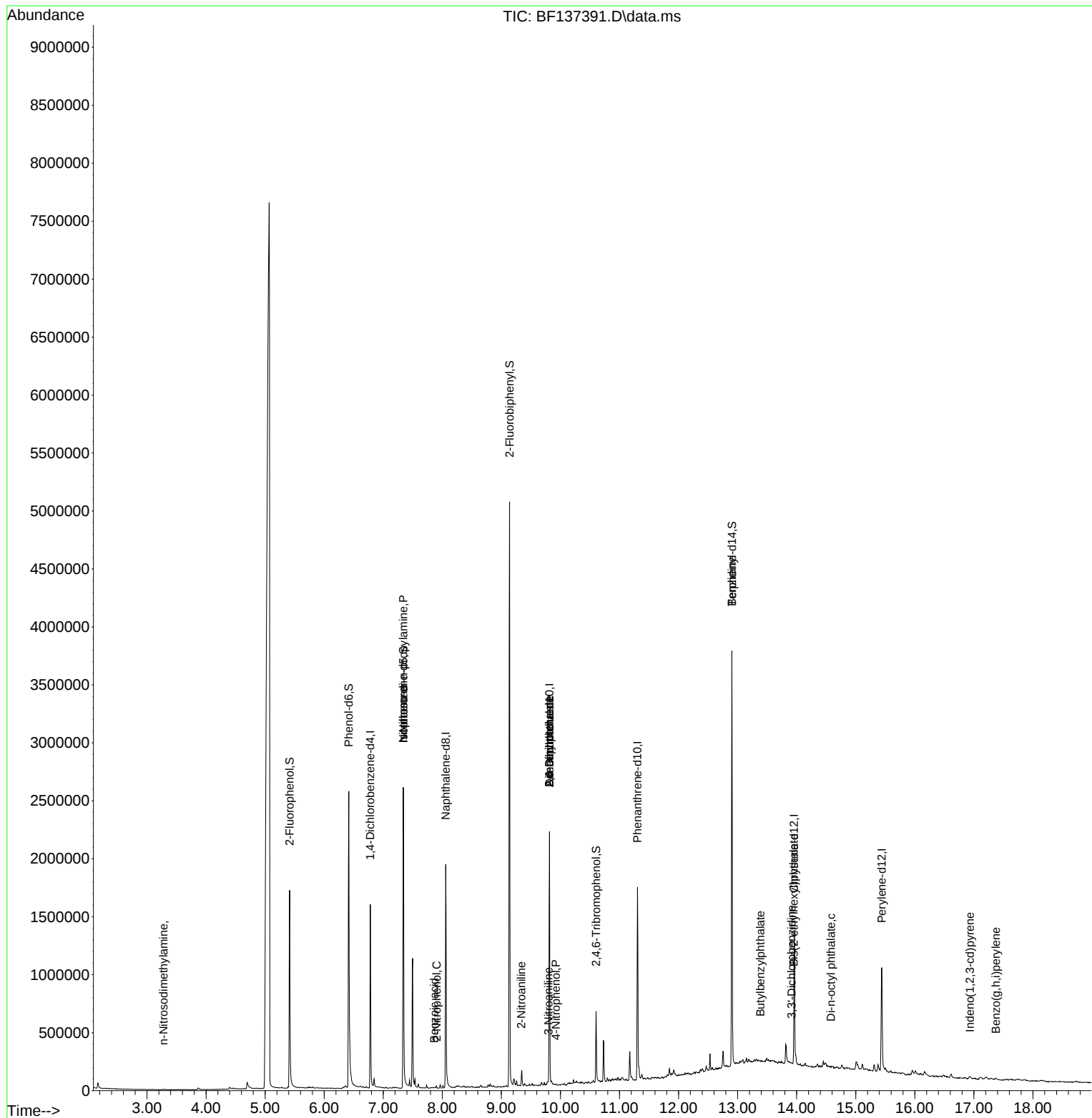
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	211878	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	819453	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	423422	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	592373	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	371738	20.000	ng	-0.02
86) Perylene-d12	15.439	264	442592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	472594	34.417	ng	-0.01
7) Phenol-d6	6.416	99	931000	46.091	ng	-0.02
23) Nitrobenzene-d5	7.339	82	897714	54.692	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	63417	17.199	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1504706	55.325	ng	-0.02
79) Terphenyl-d14	12.904	244	1202871	45.259	ng	-0.02
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.281	42	303	5.144	ng	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	118036	9.483	ng	# 84
25) Isophorone	7.339	82	897714	26.447	ng	# 69
26) 2-Nitrophenol	7.904	139	1706	3.154	ng	# 52
32) Benzoic acid	7.863	122	375	6.993	ng	# 70
48) 2-Nitroaniline	9.339	65	1334	4.415	ng	# 17
50) Dimethylphthalate	9.816	163	68790	2.351	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	55796	10.251	ng	# 26
53) 3-Nitroaniline	9.798	138	246	2.398	ng	# 31
56) 4-Nitrophenol	9.922	139	281	4.895	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	55796	8.991	ng	# 18
77) Benzidine	12.904	184	15691	9.049	ng	95
80) Butylbenzylphthalate	13.386	149	604	4.132	ng	95
82) 3,3'-Dichlorobenzidine	13.915	252	417	5.095	ng	# 36
84) Bis(2-ethylhexyl)phtha...	13.951	149	4388	4.851	ng	# 95
85) Di-n-octyl phthalate	14.580	149	882	6.107	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.933	276	12669	2.268	ng	# 84
92) Benzo(g,h,i)perylene	17.374	276	15171	2.628	ng	94

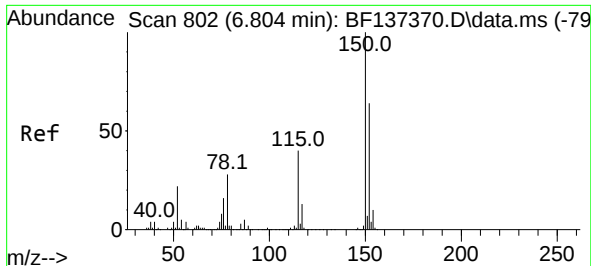
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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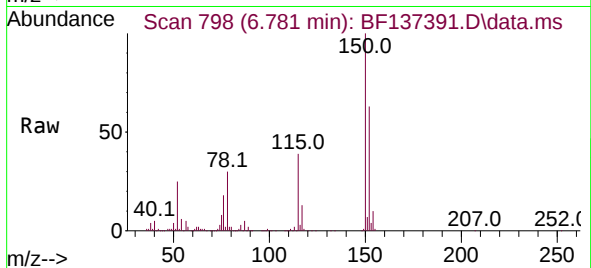
Quant Time: Feb 27 00:39:28 2024
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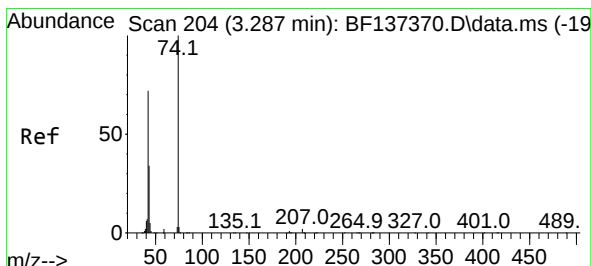
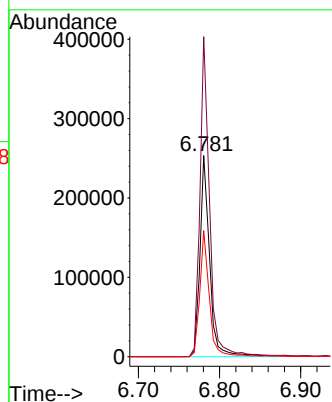
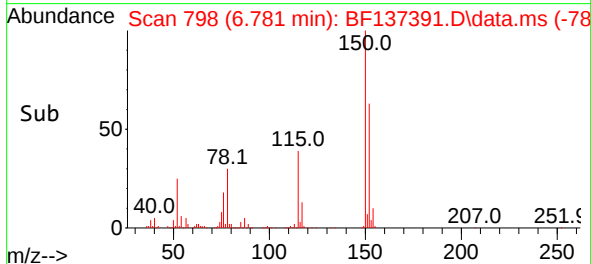


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

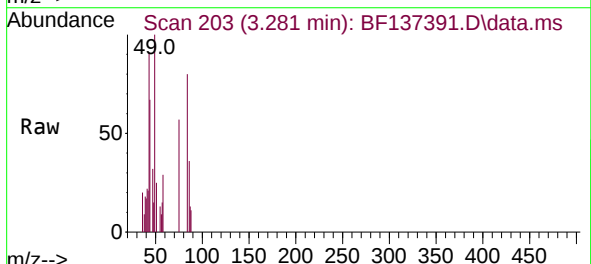
Instrument :
BNA_F
ClientSampleId :



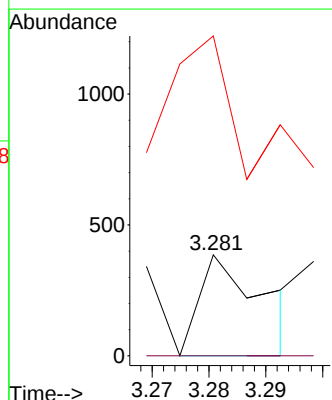
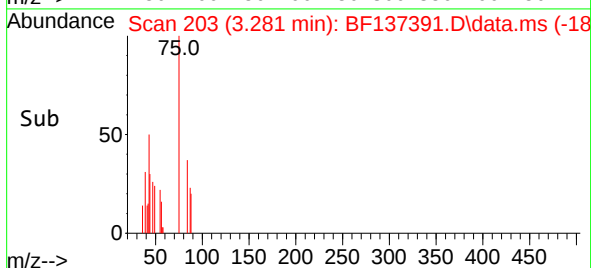
Tgt Ion:152 Resp: 211878
Ion Ratio Lower Upper
152 100
150 159.1 125.7 188.5
115 62.7 49.8 74.8

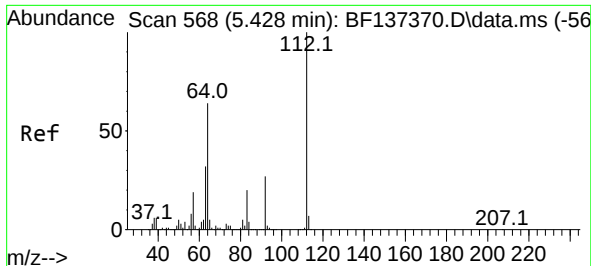


#4
n-Nitrosodimethylamine
Concen: 5.144 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04



Tgt Ion: 42 Resp: 303
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 316.6 6.0 9.0#

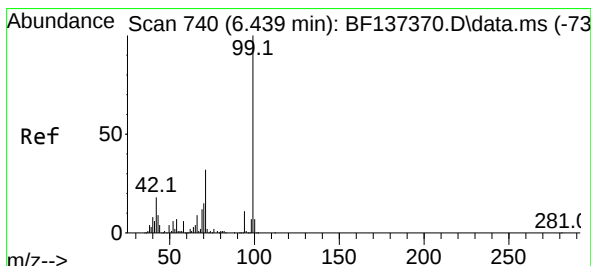
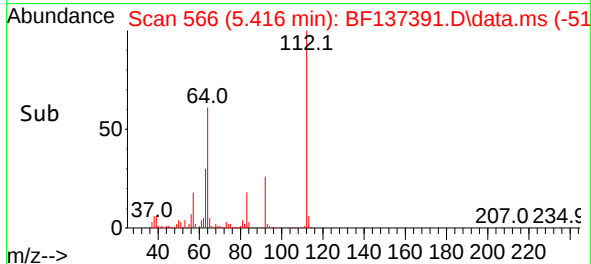
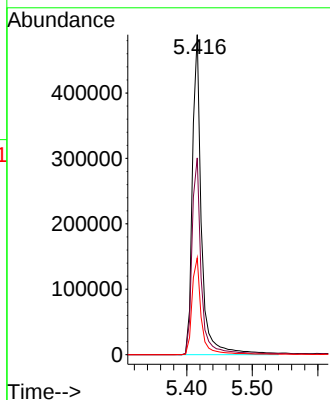
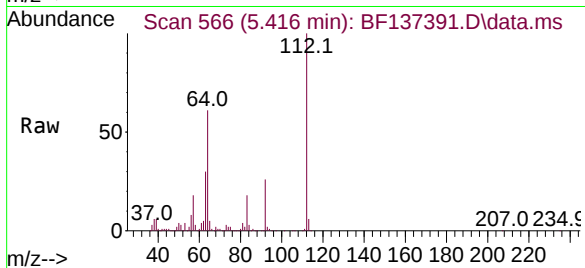




#5
2-Fluorophenol
Concen: 34.417 ng
RT: 5.416 min Scan# 501
Delta R.T. -0.012 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

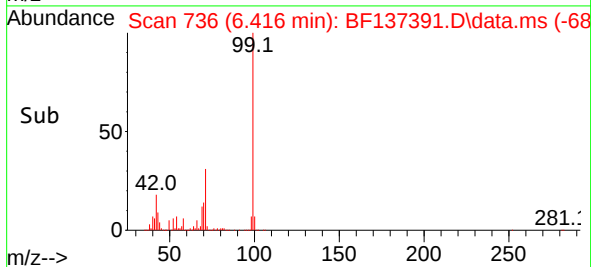
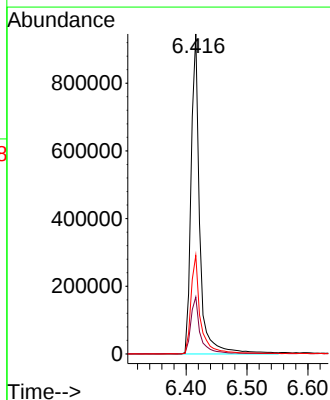
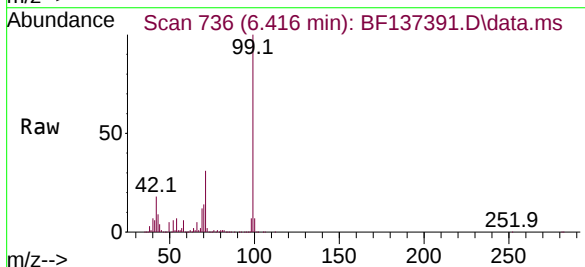
Instrument :
BNA_F
ClientSampleId :

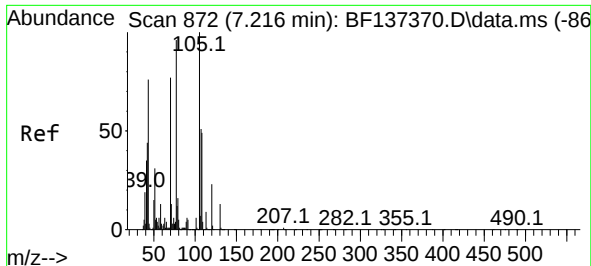
Tgt Ion:112 Resp: 472594
Ion Ratio Lower Upper
112 100
64 61.5 51.0 76.6
63 30.2 25.7 38.5



#7
Phenol-d6
Concen: 46.091 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.024 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

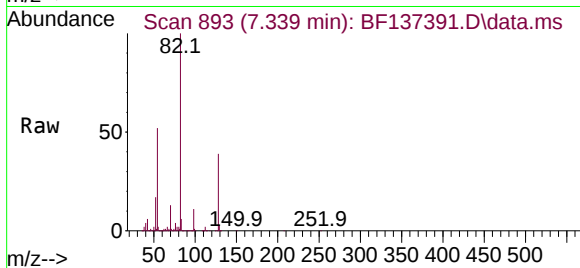
Tgt Ion: 99 Resp: 931000
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.8 25.2 37.8



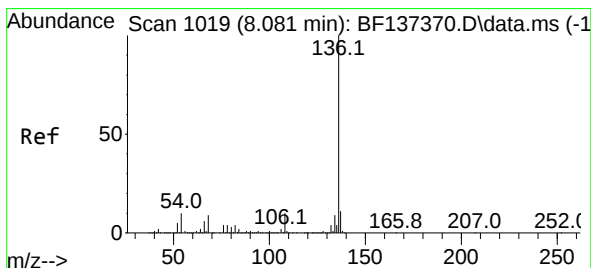
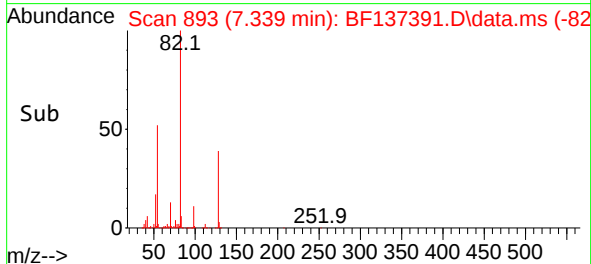
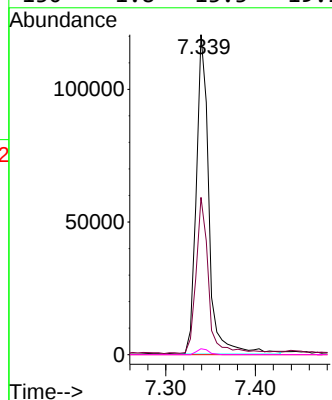


#19
n-Nitroso-di-n-propylamine
Concen: 9.483 ng
RT: 7.339 min Scan# 89
Delta R.T. 0.123 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Instrument :
BNA_F
ClientSampleId :

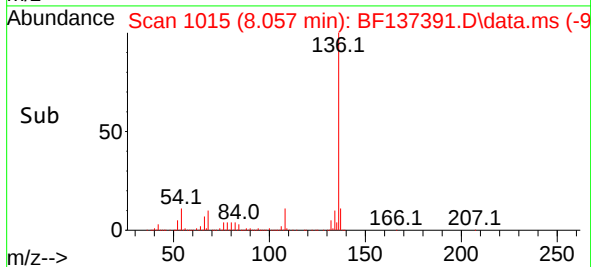
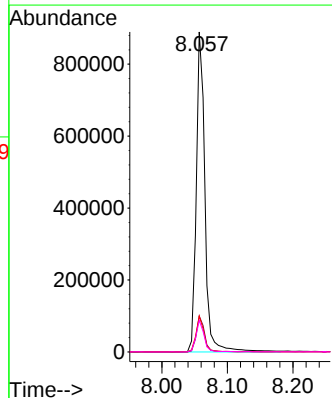
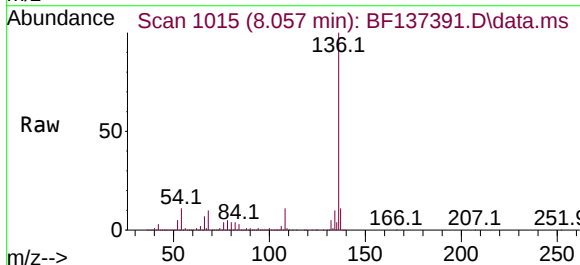


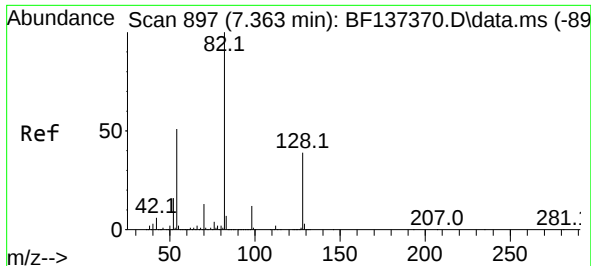
Tgt Ion: 70 Resp: 118036
Ion Ratio Lower Upper
70 100
42 49.1 45.3 67.9
101 0.0 6.5 9.7#
130 1.8 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Tgt Ion: 136 Resp: 819453
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 11.2 7.8 11.6
68 9.9 7.0 10.4





#23

Nitrobenzene-d5

Concen: 54.692 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.024 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Instrument :

BNA_F

ClientSampleId :

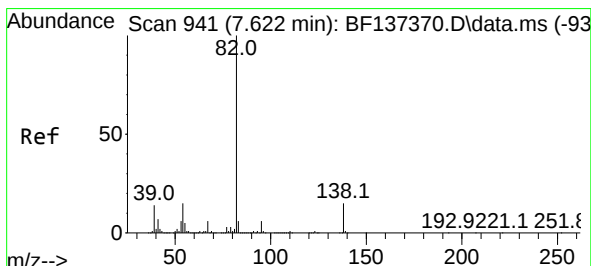
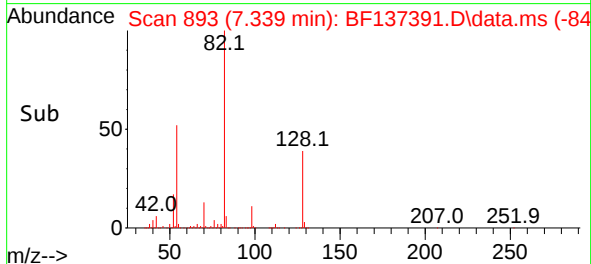
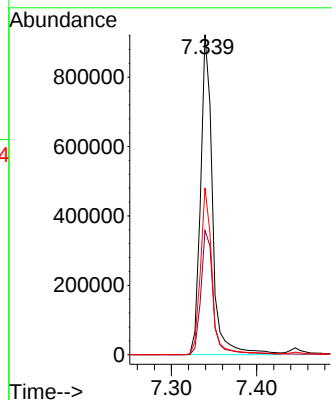
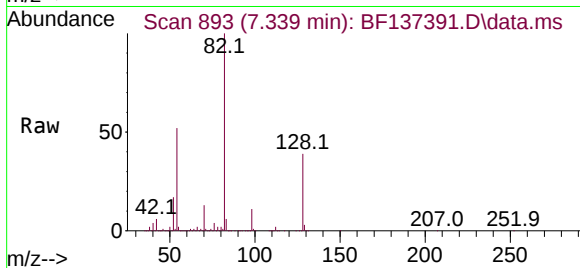
Tgt Ion: 82 Resp: 897714

Ion Ratio Lower Upper

82 100

128 38.8 30.8 46.2

54 52.2 40.8 61.2



#25

Isophorone

Concen: 26.447 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.282 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

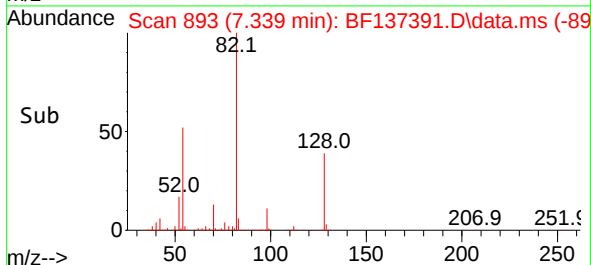
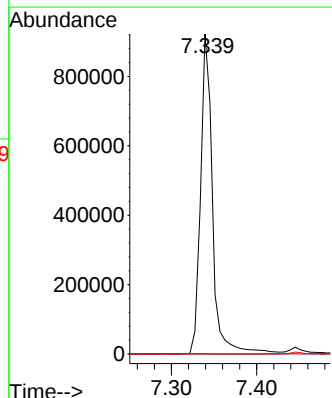
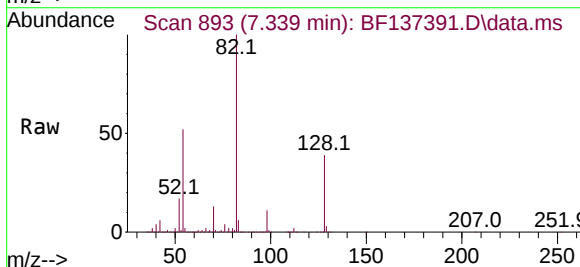
Tgt Ion: 82 Resp: 897714

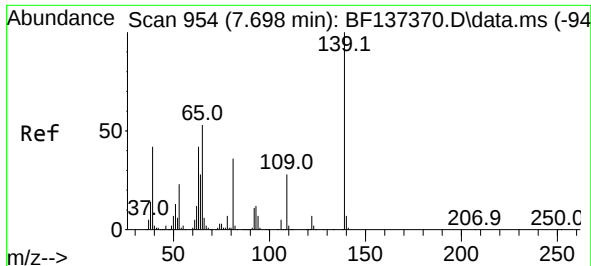
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

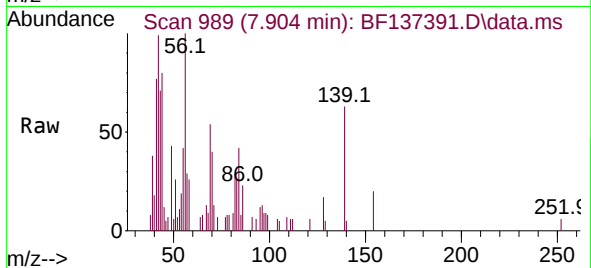
138 0.0 12.2 18.4#



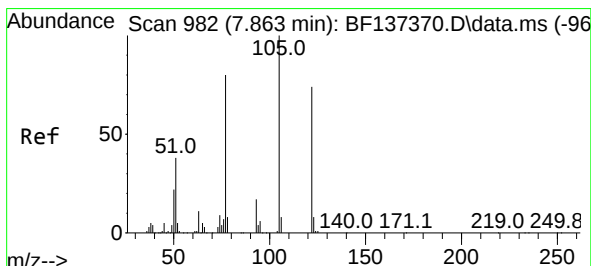
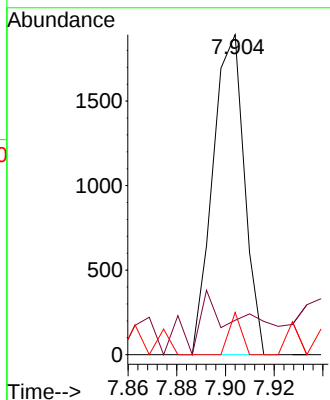
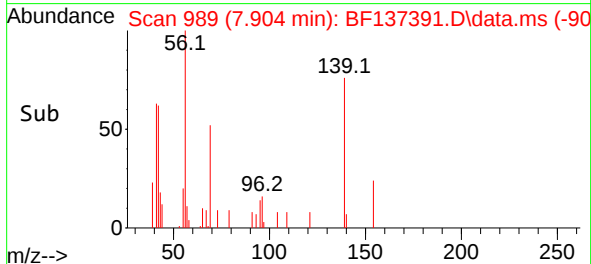


#26
2-Nitrophenol
Concen: 3.154 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.206 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Instrument :
BNA_F
ClientSampleId :

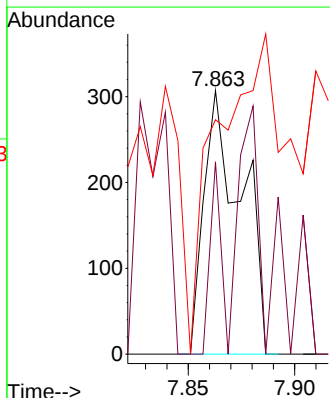
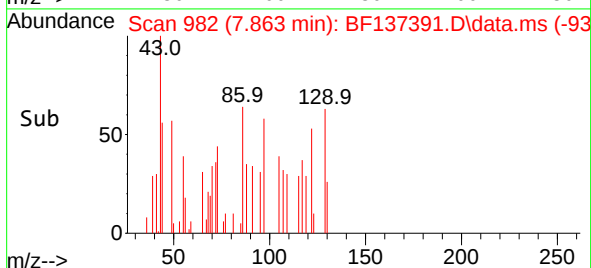
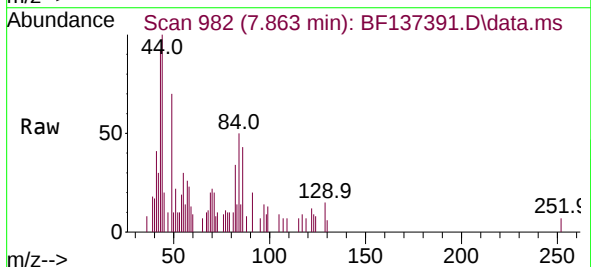


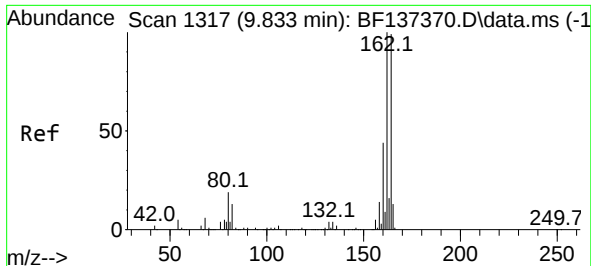
Tgt Ion:139 Resp: 1706
Ion Ratio Lower Upper
139 100
109 10.7 22.5 33.7#
65 13.2 42.3 63.5#



#32
Benzoic acid
Concen: 6.993 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

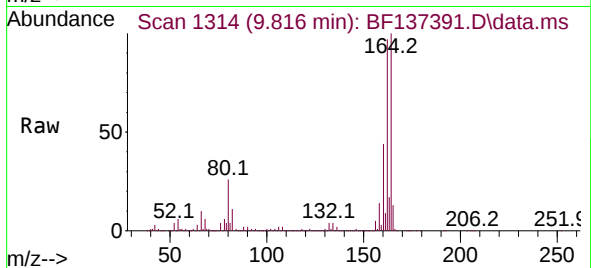
Tgt Ion:122 Resp: 375
Ion Ratio Lower Upper
122 100
105 73.0 101.1 141.1#
77 88.9 82.8 122.8



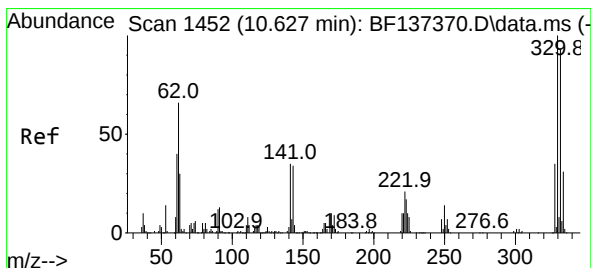
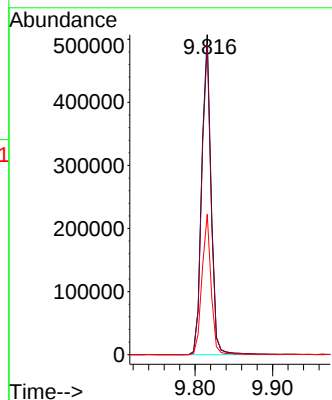
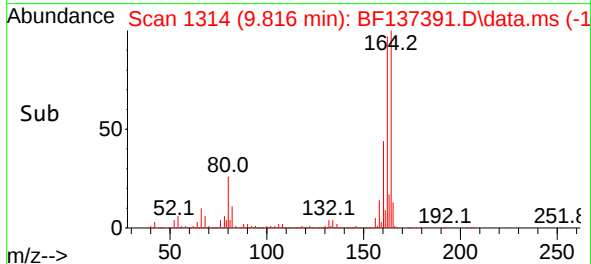


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

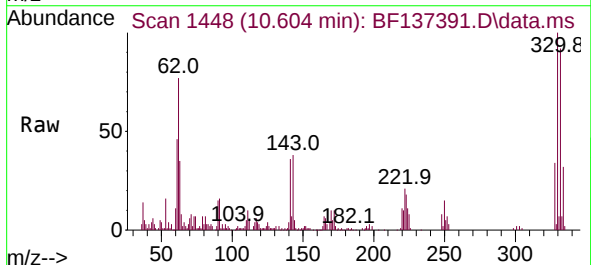
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BNA_F
ClientSampleId :



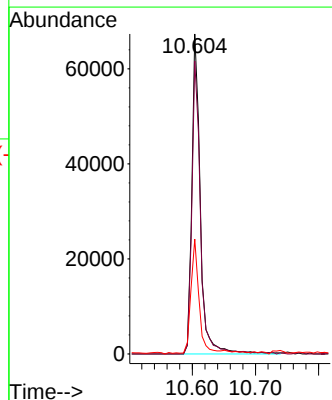
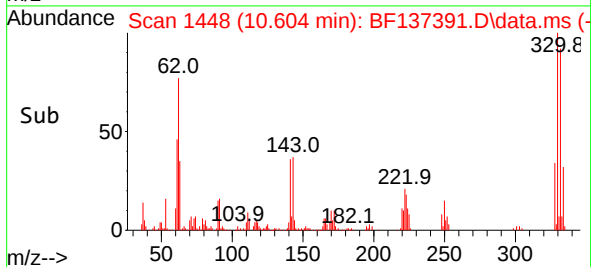
Tgt Ion:164 Resp: 423422
Ion Ratio Lower Upper
164 100
162 97.0 81.2 121.8
160 43.9 35.7 53.5

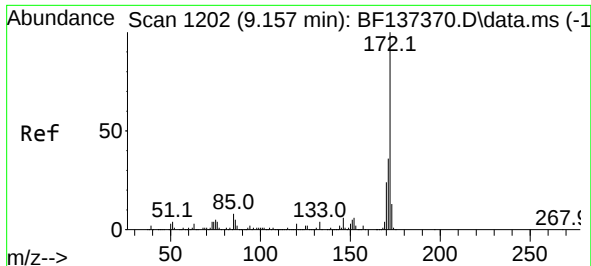


#42
2,4,6-Tribromophenol
Concen: 17.199 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.024 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04



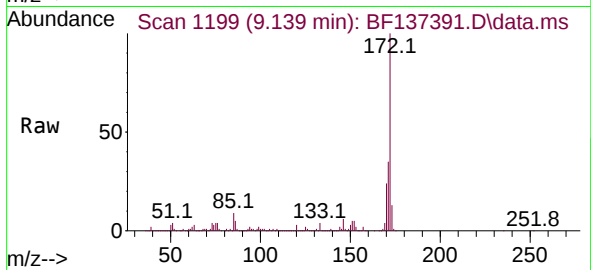
Tgt Ion:330 Resp: 63417
Ion Ratio Lower Upper
330 100
332 92.4 75.6 113.4
141 34.9 28.6 42.8



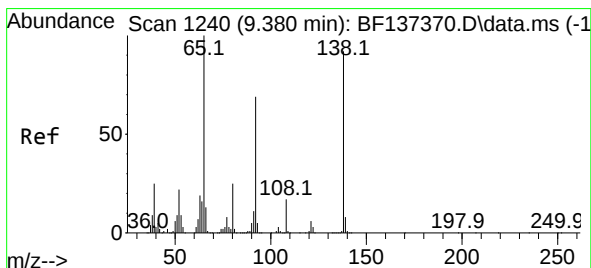
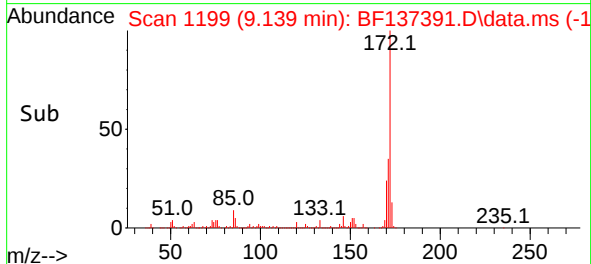
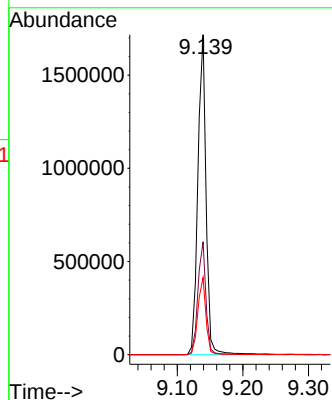


#45
2-Fluorobiphenyl
Concen: 55.325 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Instrument :
BNA_F
ClientSampleId :

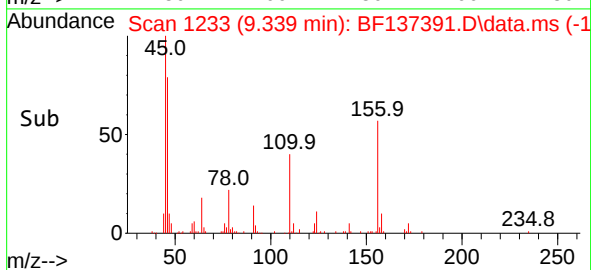
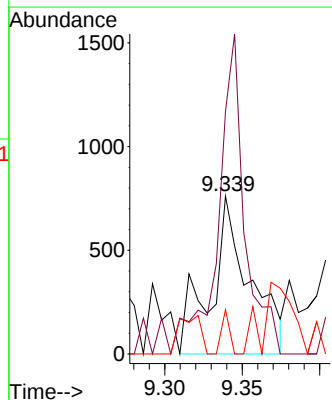
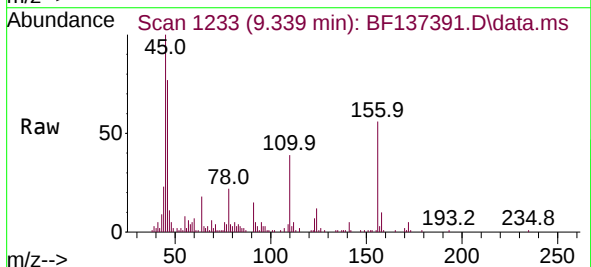


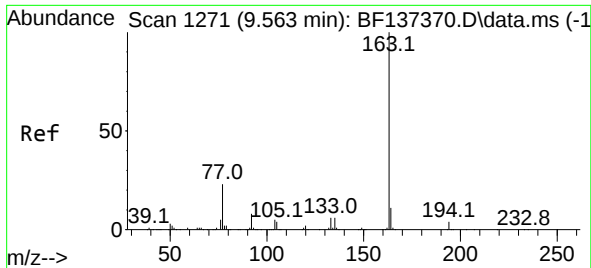
Tgt Ion:172 Resp: 1504706
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.1 19.5 29.3



#48
2-Nitroaniline
Concen: 4.415 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.041 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Tgt Ion: 65 Resp: 1334
Ion Ratio Lower Upper
65 100
92 153.3 55.0 82.6#
138 28.0 73.7 110.5#

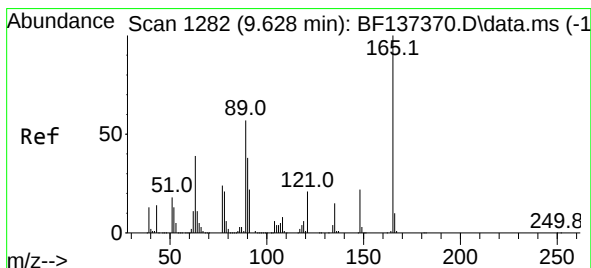
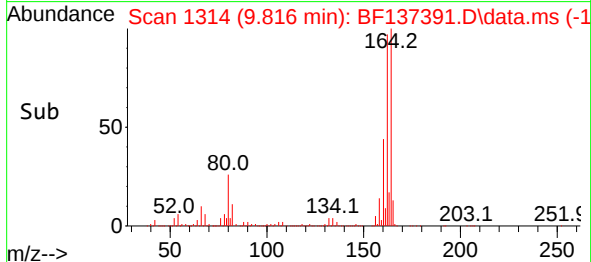
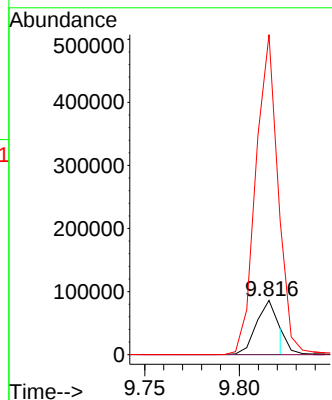
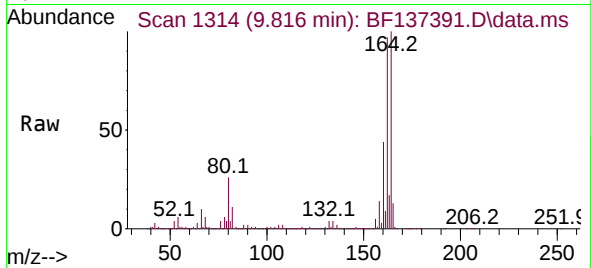




#50
Dimethylphthalate
Concen: 2.351 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

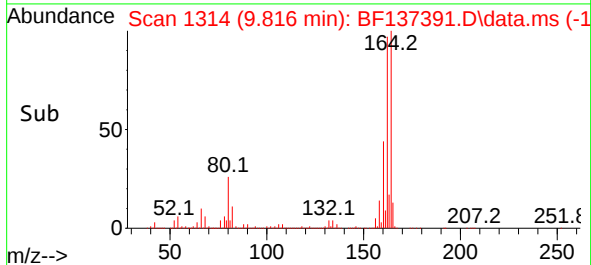
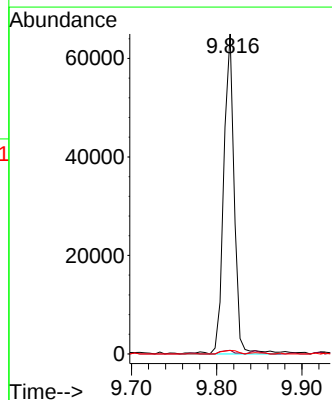
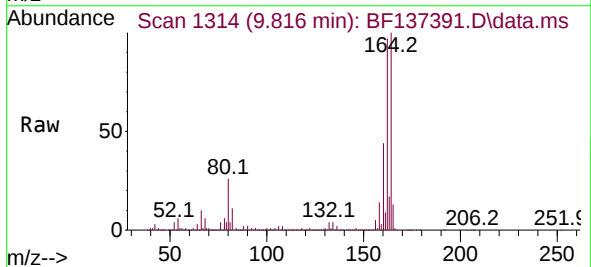
Instrument :
BNA_F
ClientSampleId :

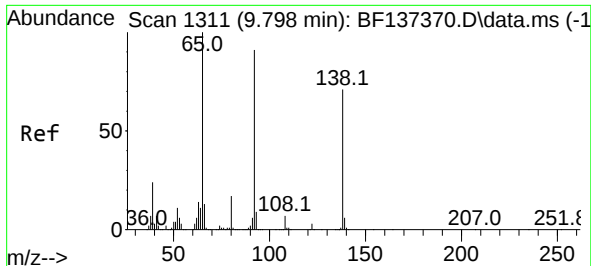
Tgt Ion:163 Resp: 68790
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 590.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 10.251 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Tgt Ion:165 Resp: 55796
Ion Ratio Lower Upper
165 100
63 1.2 41.6 62.4#
89 1.1 45.8 68.6#

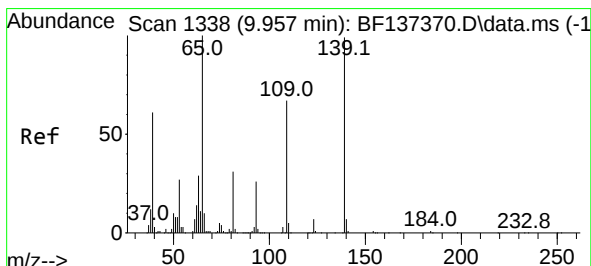
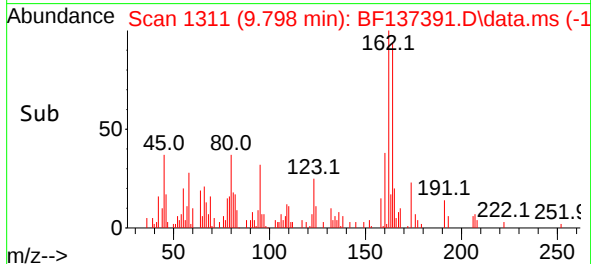
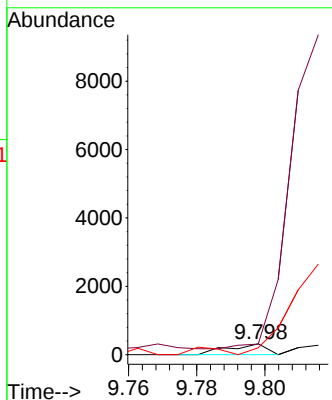
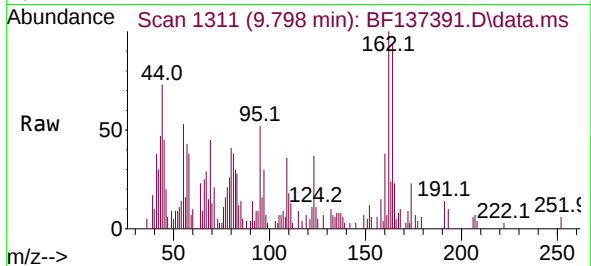




#53
3-Nitroaniline
Concen: 2.398 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

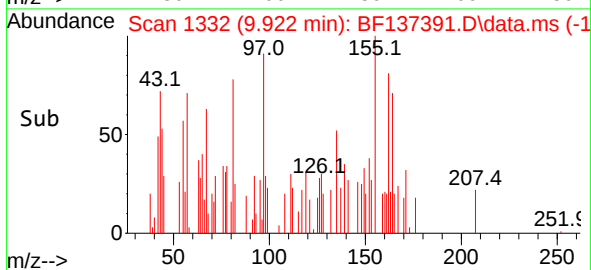
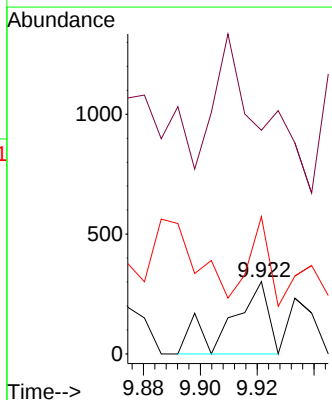
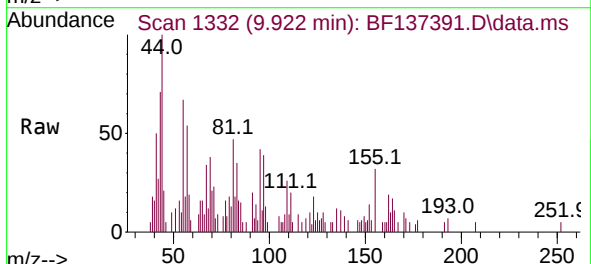
Instrument :
BNA_F
ClientSampleId :

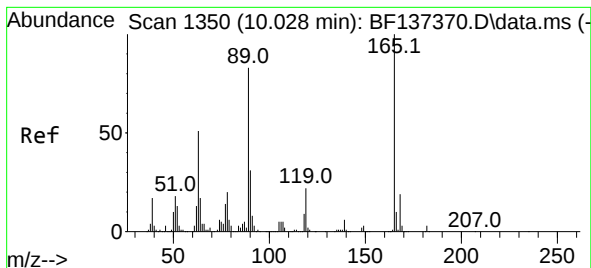
Tgt Ion:138 Resp: 246
Ion Ratio Lower Upper
138 100
108 96.6 8.2 12.2#
92 62.7 102.2 153.2#



#56
4-Nitrophenol
Concen: 4.895 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.036 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

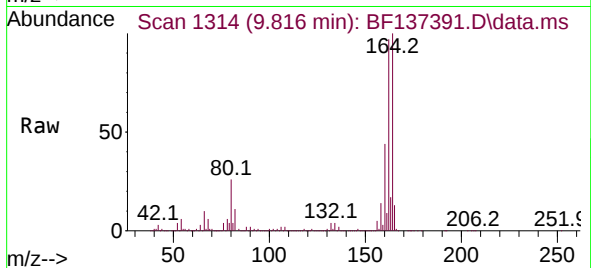
Tgt Ion:139 Resp: 281
Ion Ratio Lower Upper
139 100
109 308.9 48.0 88.0#
65 189.7 82.2 122.2#



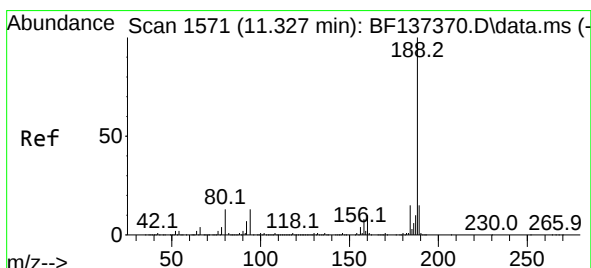
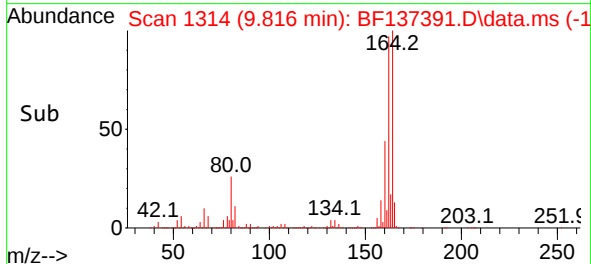
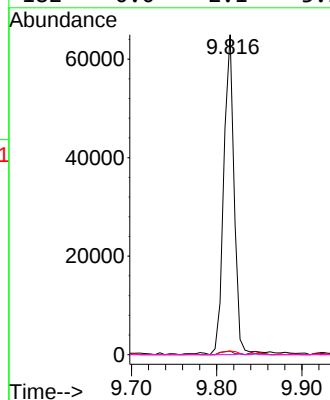


#57
2,4-Dinitrotoluene
Concen: 8.991 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Instrument :
BNA_F
ClientSampleId :

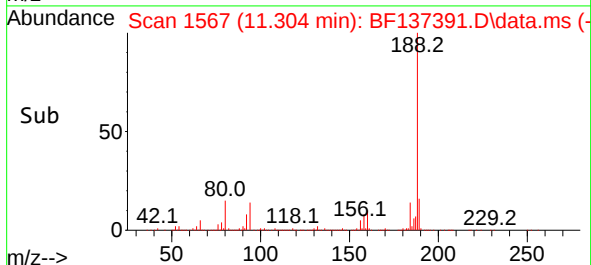
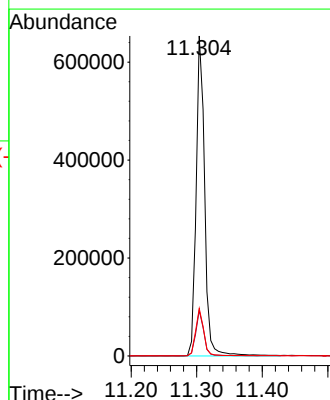
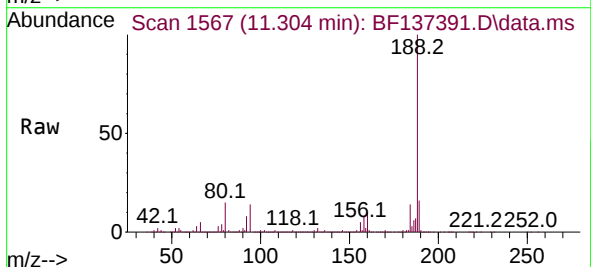


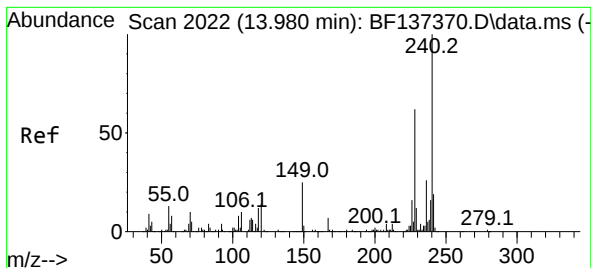
Tgt Ion:165 Resp: 55796
Ion Ratio Lower Upper
165 100
63 1.2 41.1 61.7#
89 1.1 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.024 min
Lab File: BF137391.D
Acq: 26 Feb 2024 18:04

Tgt Ion:188 Resp: 592373
Ion Ratio Lower Upper
188 100
94 14.3 10.2 15.2
80 14.8 10.7 16.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Instrument :

BNA_F

ClientSampleId :

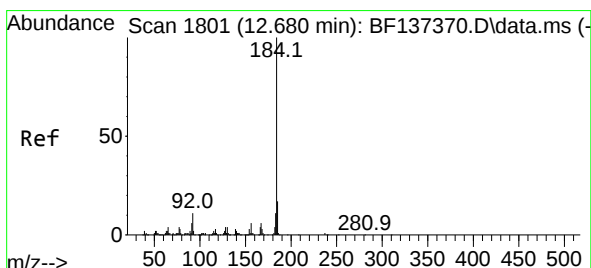
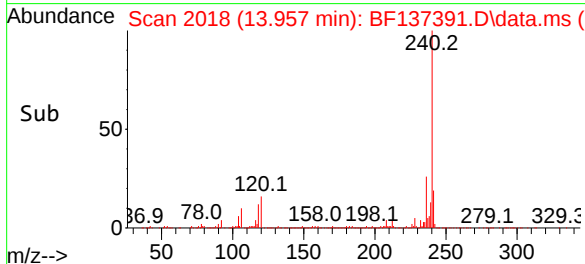
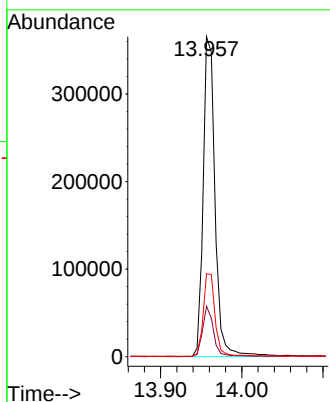
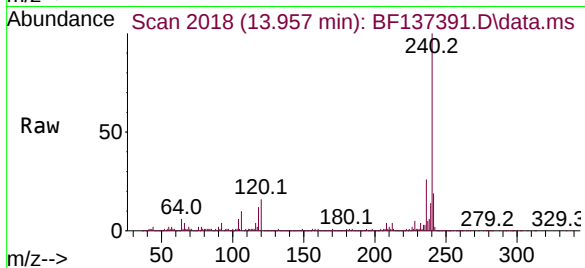
Tgt Ion:240 Resp: 371738

Ion Ratio Lower Upper

240 100

120 15.8 11.3 16.9

236 25.9 20.5 30.7



#77

Benzidine

Concen: 9.049 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.224 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

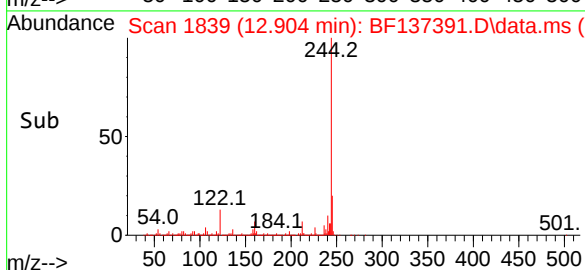
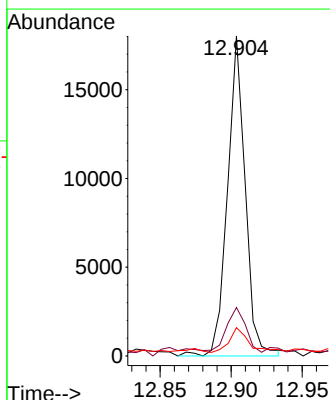
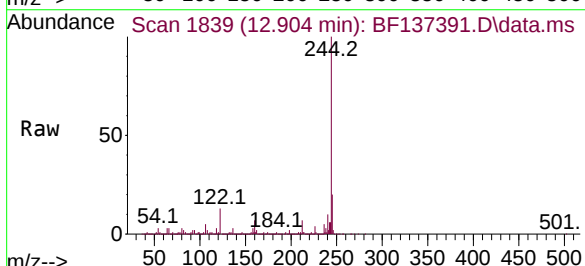
Tgt Ion:184 Resp: 15691

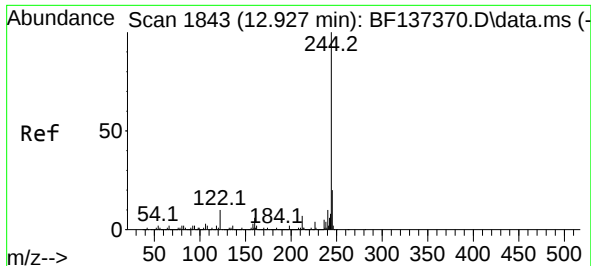
Ion Ratio Lower Upper

184 100

185 15.2 13.7 20.5

183 8.8 8.8 13.2

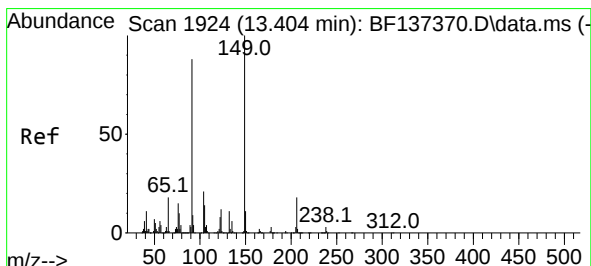
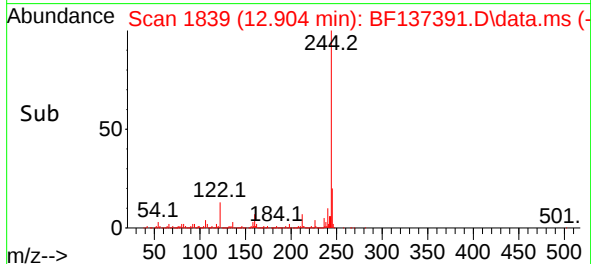
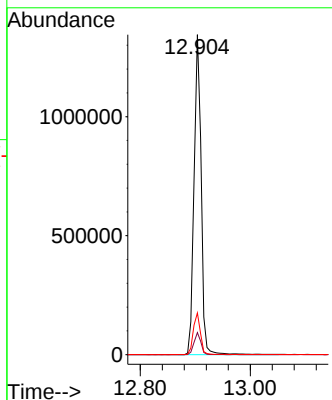
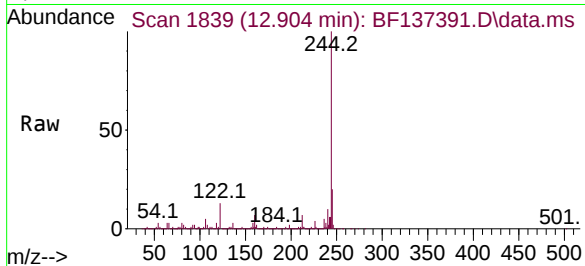




#79
 Terphenyl-d14
 Concen: 45.259 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.024 min
 Lab File: BF137391.D
 Acq: 26 Feb 2024 18:04

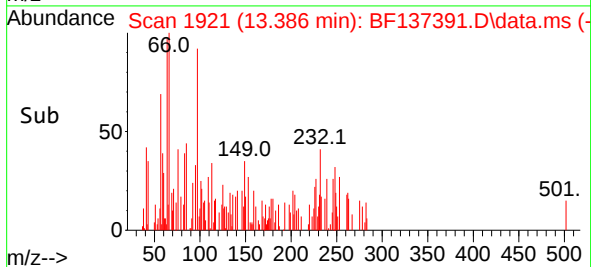
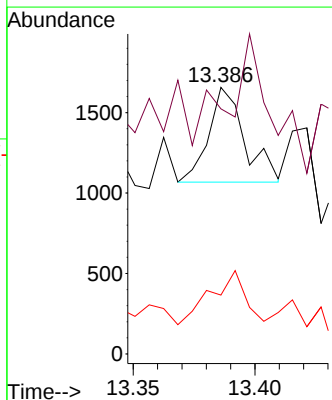
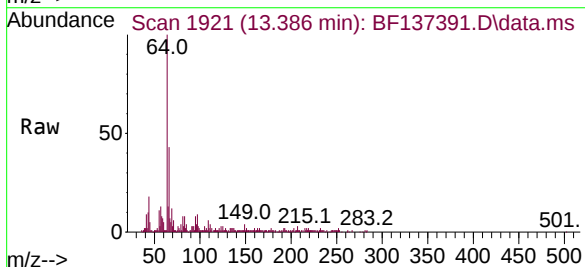
Instrument :
 BNA_F
 ClientSampleId :

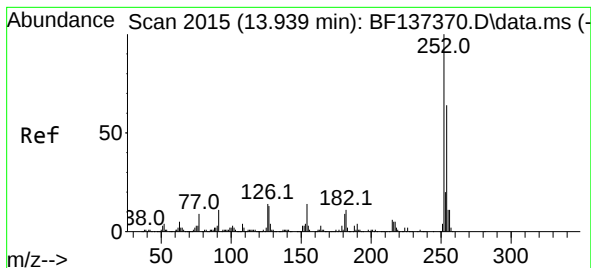
Tgt Ion:244 Resp: 1202871
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 13.1 8.2 12.4#



#80
 Butylbenzylphthalate
 Concen: 4.132 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.018 min
 Lab File: BF137391.D
 Acq: 26 Feb 2024 18:04

Tgt Ion:149 Resp: 604
 Ion Ratio Lower Upper
 149 100
 91 92.0 70.5 105.7
 206 22.1 14.8 22.2





#82

3,3'-Dichlorobenzidine

Concen: 5.095 ng

RT: 13.915 min Scan# 2017

Delta R.T. -0.024 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Instrument :

BNA_F

ClientSampleId :

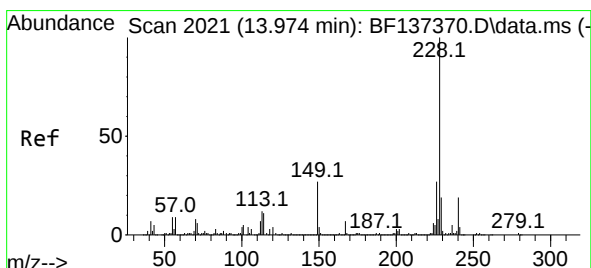
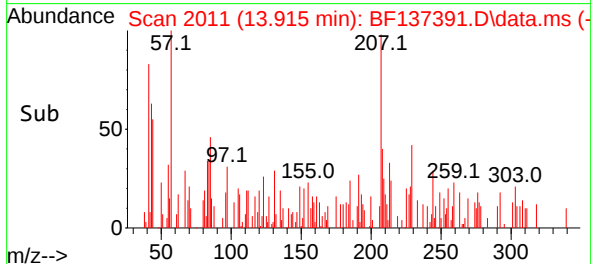
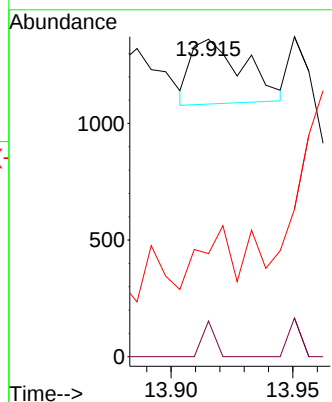
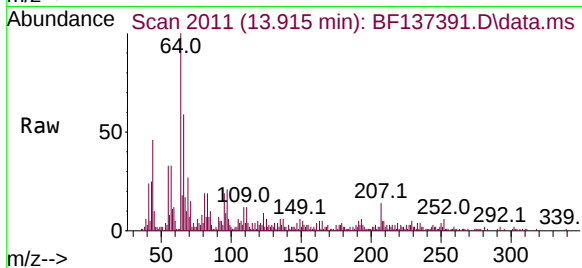
Tgt Ion:252 Resp: 417

Ion Ratio Lower Upper

252 100

254 11.2 51.2 76.8#

126 32.5 11.1 16.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.851 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.023 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

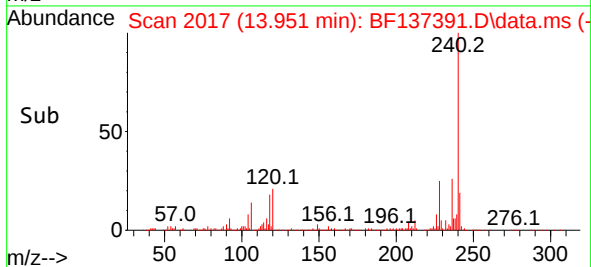
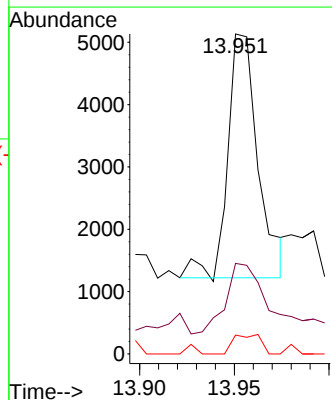
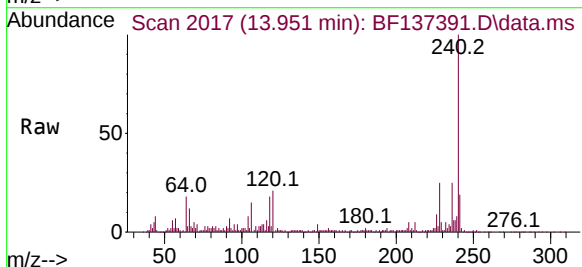
Tgt Ion:149 Resp: 4388

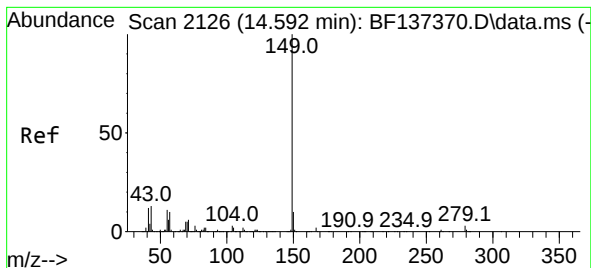
Ion Ratio Lower Upper

149 100

167 28.3 20.6 31.0

279 5.9 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 6.107 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Instrument :

BNA_F

ClientSampleId :

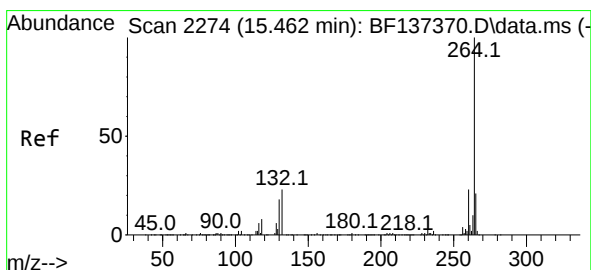
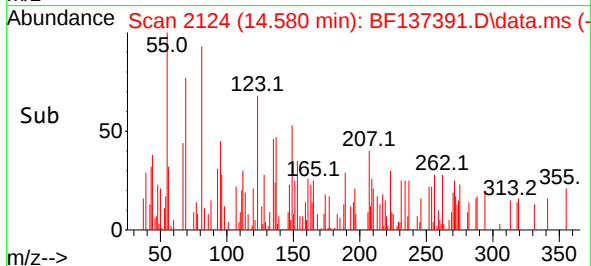
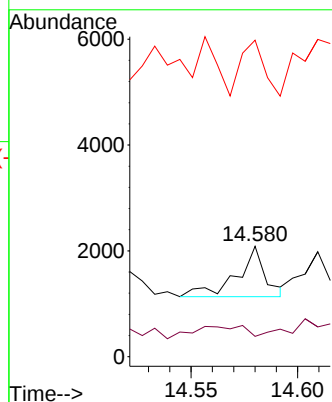
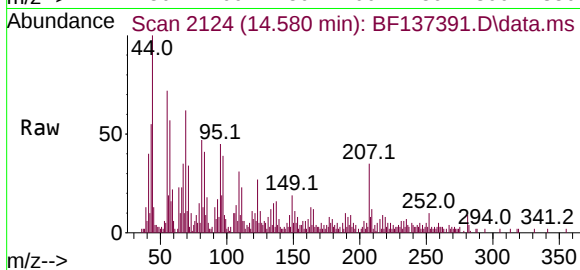
Tgt Ion:149 Resp: 882

Ion Ratio Lower Upper

149 100

167 46.8 1.2 1.8#

43 89.1 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.024 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

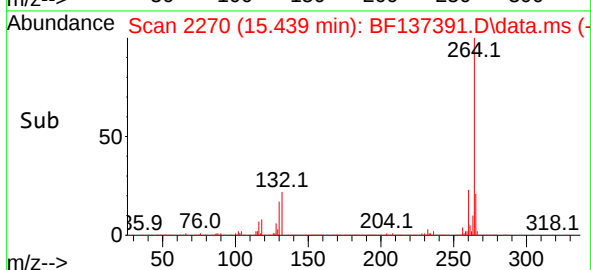
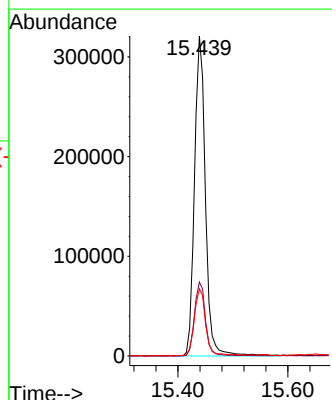
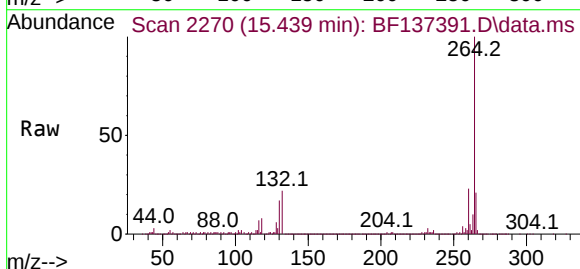
Tgt Ion:264 Resp: 442592

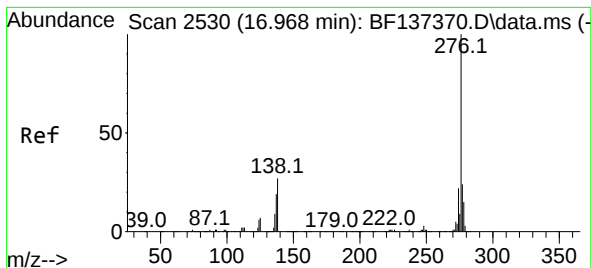
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.268 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.035 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Instrument :

BNA_F

ClientSampleId :

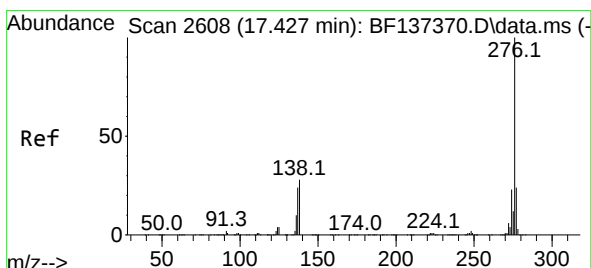
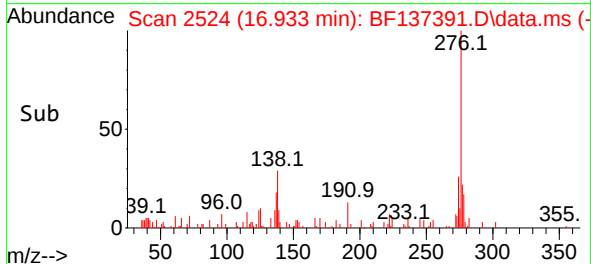
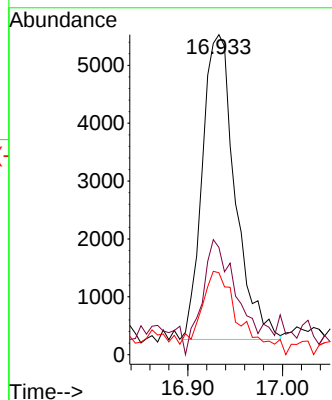
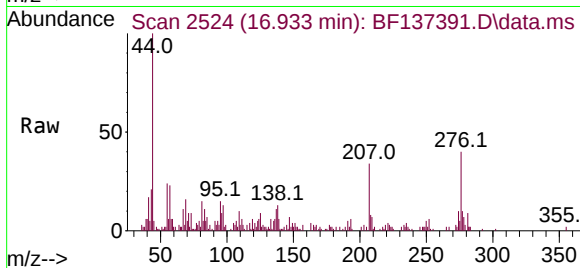
Tgt Ion:276 Resp: 12669

Ion Ratio Lower Upper

276 100

138 41.8 25.8 38.8#

277 32.1 19.6 29.4#



#92

Benzo(g,h,i)perylene

Concen: 2.628 ng

RT: 17.374 min Scan# 2599

Delta R.T. -0.053 min

Lab File: BF137391.D

Acq: 26 Feb 2024 18:04

Tgt Ion:276 Resp: 15171

Ion Ratio Lower Upper

276 100

277 21.1 19.0 28.4

138 32.0 22.6 33.8

