

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137436.D
 Acq On : 28 Feb 2024 21:48
 Operator : CG\JU
 Sample : P1538-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 29 03:17:57 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

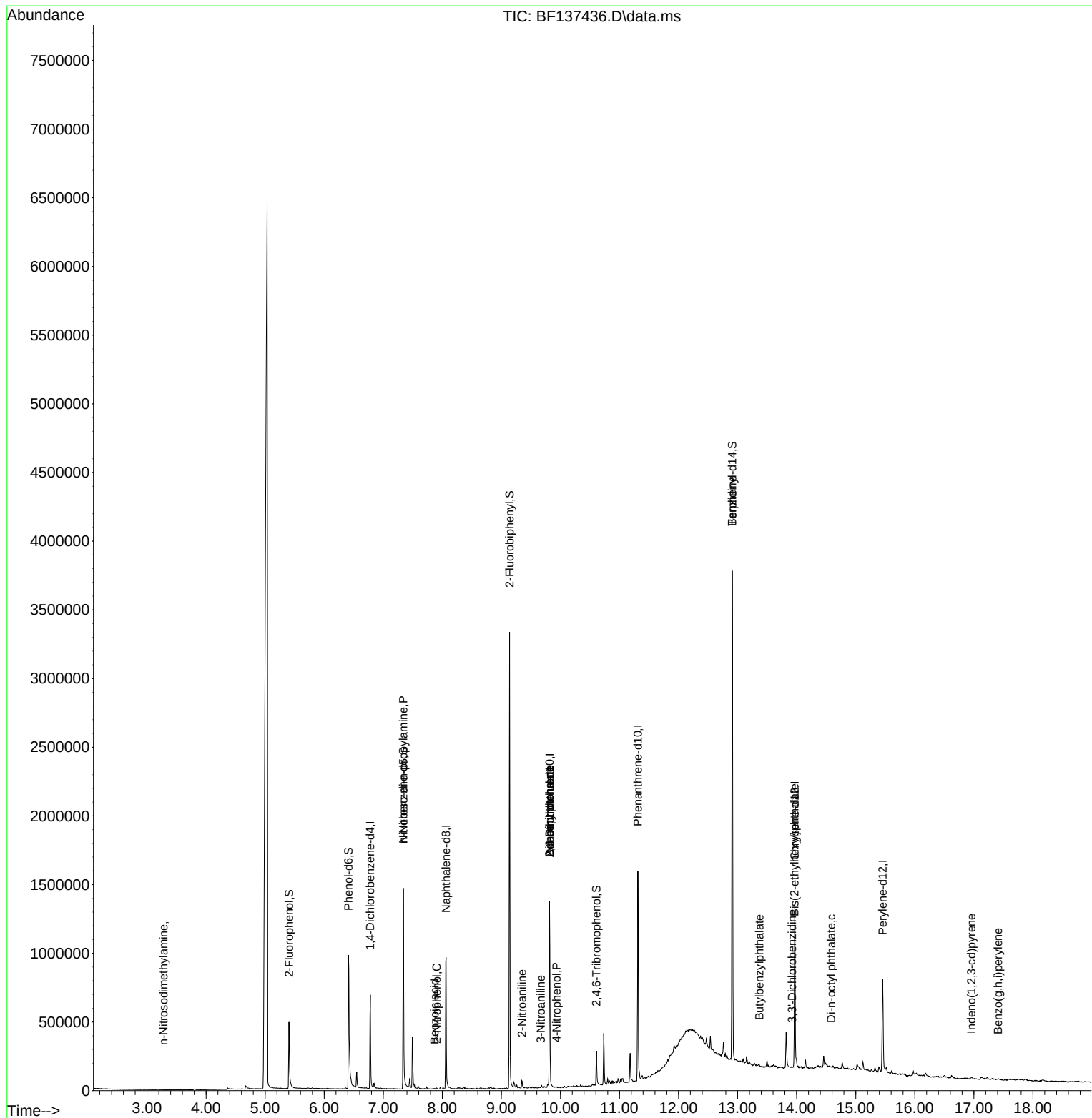
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	102626	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	435100	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	269003	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	517282	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	358129	20.000	ng	-0.01
86) Perylene-d12	15.457	264	323173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	149888	22.536	ng	-0.02
7) Phenol-d6	6.410	99	405119	41.408	ng	-0.03
23) Nitrobenzene-d5	7.339	82	467244	53.613	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	27633	11.796	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	882419	51.070	ng	-0.02
79) Terphenyl-d14	12.910	244	1229200	48.007	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.281	42	58	5.122	ng	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	62031	10.289	ng	# 80
26) 2-Nitrophenol	7.904	139	581	3.064	ng	# 33
32) Benzoic acid	7.869	122	57	6.963	ng	# 1
48) 2-Nitroaniline	9.351	65	493	4.343	ng	# 1
50) Dimethylphthalate	9.816	163	41125	2.212	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	34926	10.100	ng	# 26
53) 3-Nitroaniline	9.669	138	55	2.373	ng	# 1
56) 4-Nitrophenol	9.933	139	126	4.879	ng	# 35
57) 2,4-Dinitrotoluene	9.816	165	35023	8.897	ng	# 18
77) Benzidine	12.910	184	15689	9.129	ng	# 93
80) Butylbenzylphthalate	13.368	149	693	4.161	ng	# 88
82) 3,3'-Dichlorobenzidine	13.921	252	687	5.139	ng	# 9
84) Bis(2-ethylhexyl)phtha...	13.963	149	12284	6.294	ng	# 96
85) Di-n-octyl phthalate	14.586	149	617	6.076	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.956	276	8658	2.242	ng	# 93
92) Benzo(g,h,i)perylene	17.409	276	8435	2.495	ng	# 90

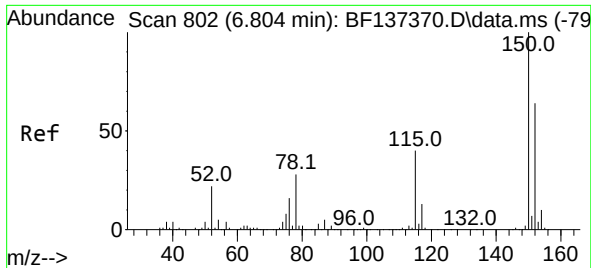
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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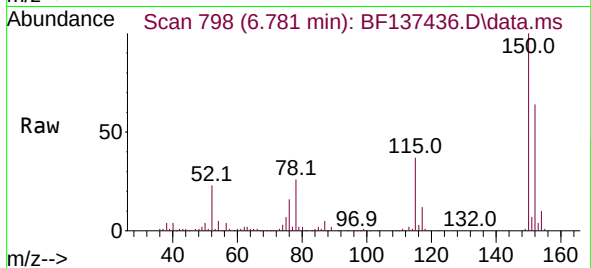
Quant Time: Feb 29 03:17:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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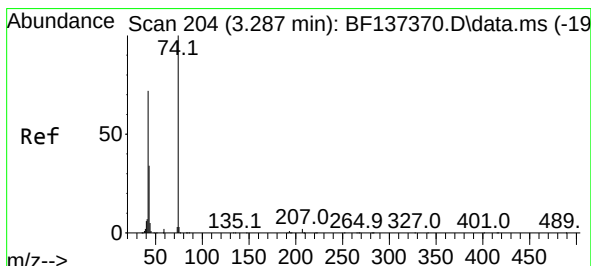
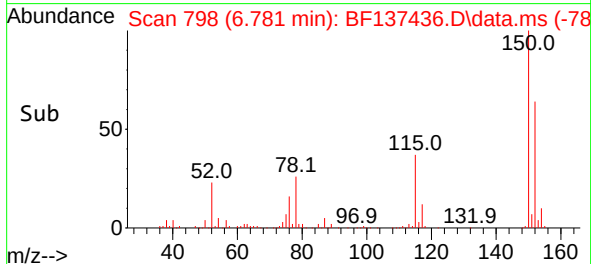
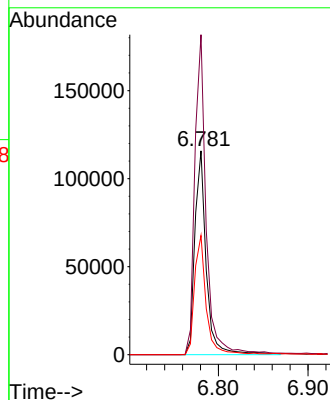


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Instrument :
BNA_F
ClientSampleId :

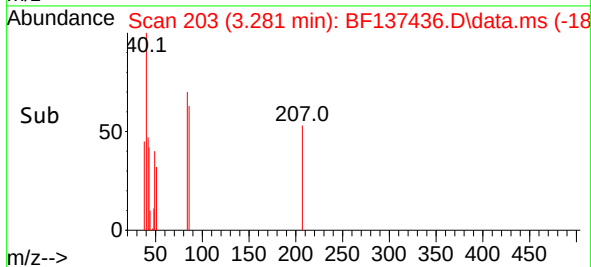
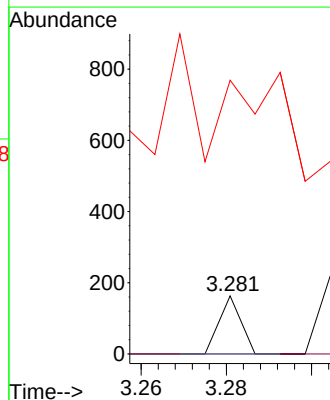
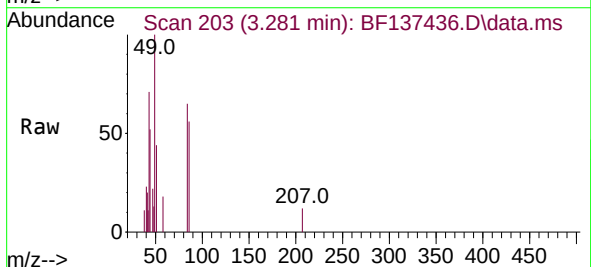


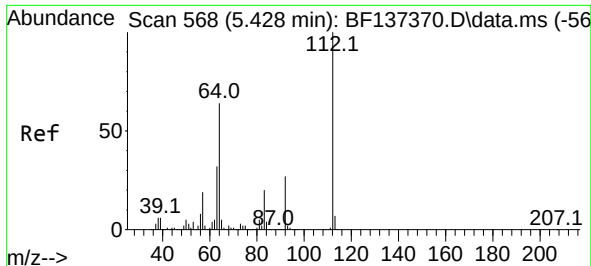
Tgt Ion:152 Resp: 102626
Ion Ratio Lower Upper
152 100
150 157.0 125.7 188.5
115 58.5 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.122 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

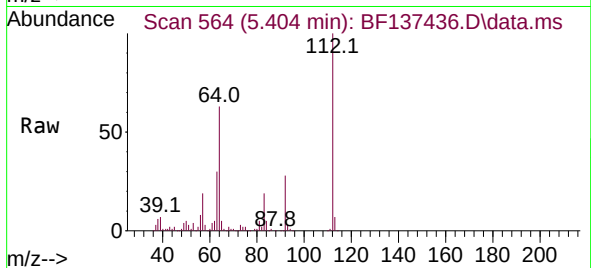
Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 471.8 6.0 9.0#



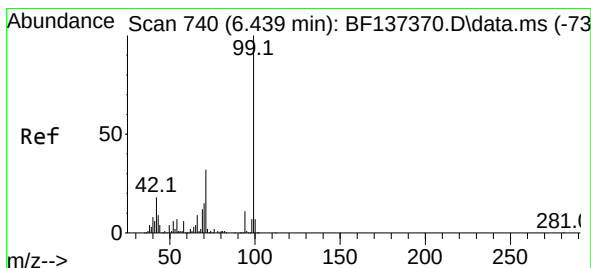
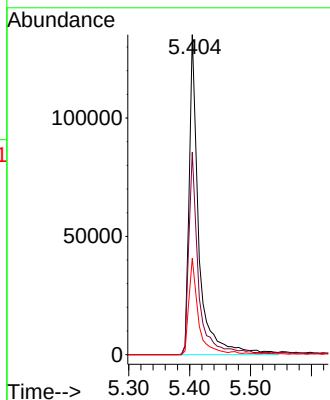
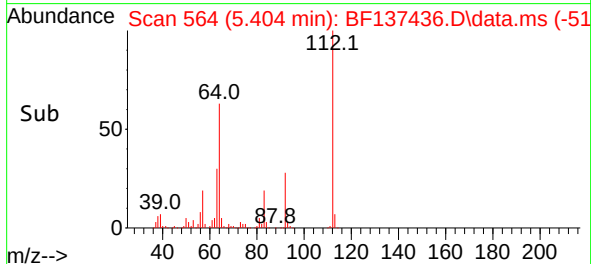


#5
2-Fluorophenol
Concen: 22.536 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.024 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Instrument :
BNA_F
ClientSampleId :

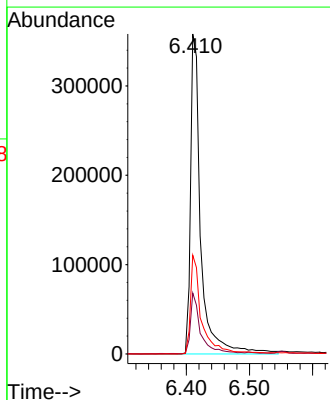
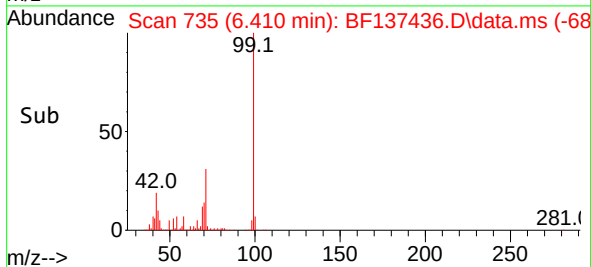
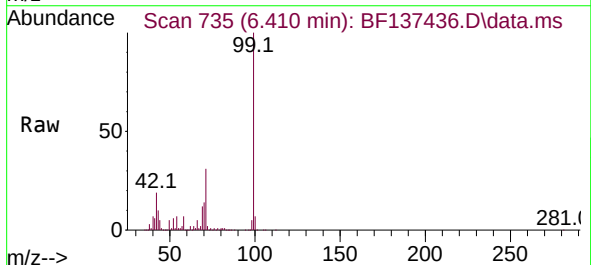


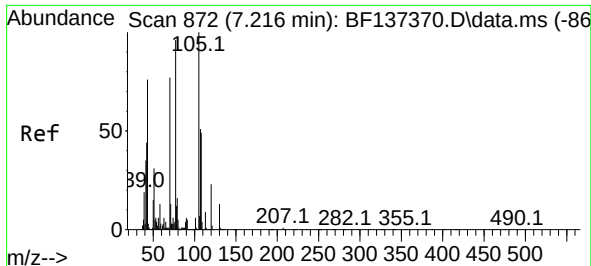
Tgt Ion:112 Resp: 149888
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 30.2 25.7 38.5



#7
Phenol-d6
Concen: 41.408 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.029 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

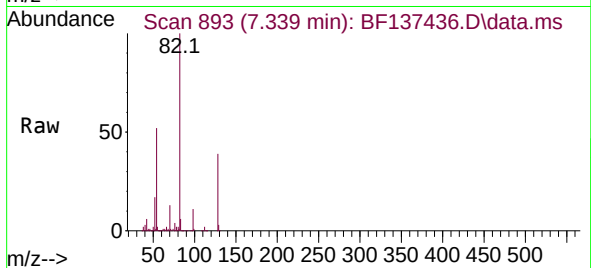
Tgt Ion: 99 Resp: 405119
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 30.9 25.2 37.8





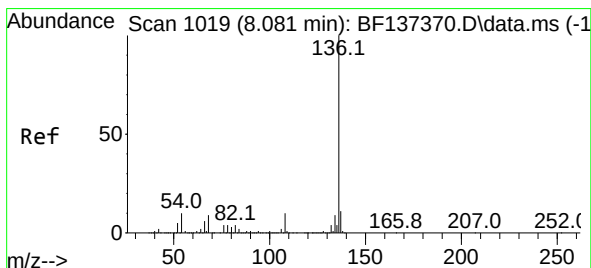
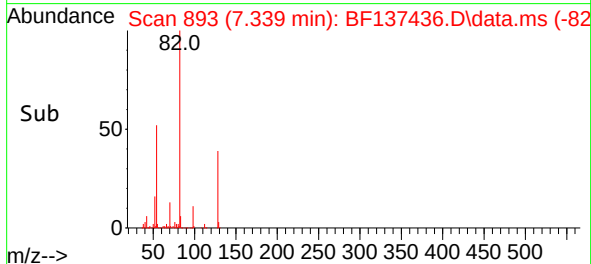
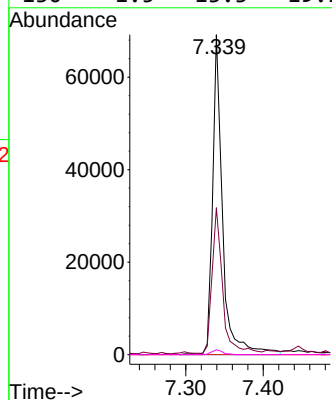
#19
n-Nitroso-di-n-propylamine
Concen: 10.289 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.123 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 62031

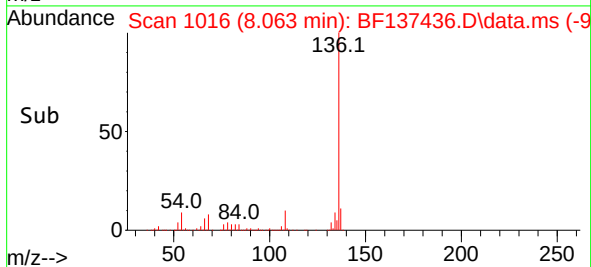
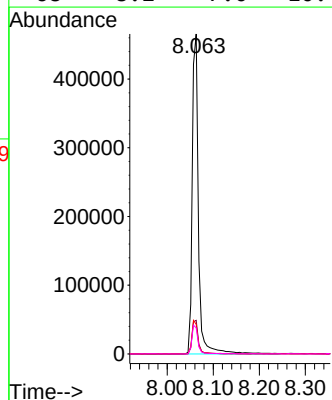
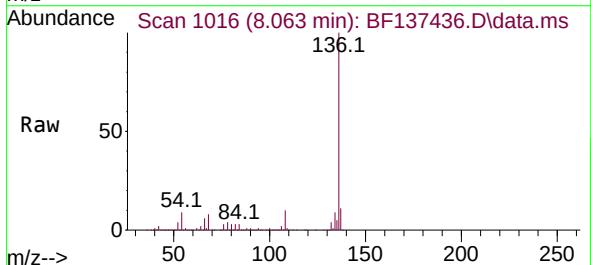
Ion	Ratio	Lower	Upper
70	100		
42	46.0	45.3	67.9
101	0.0	6.5	9.7#
130	1.5	13.3	19.9#

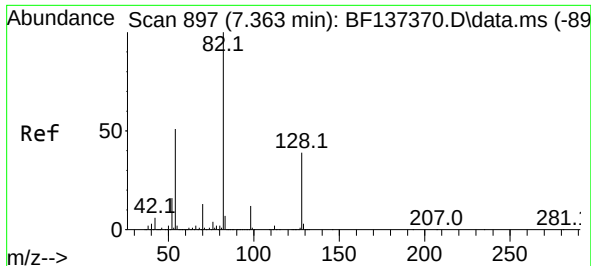


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion: 136 Resp: 435100

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.3	7.8	11.6
68	8.2	7.0	10.4

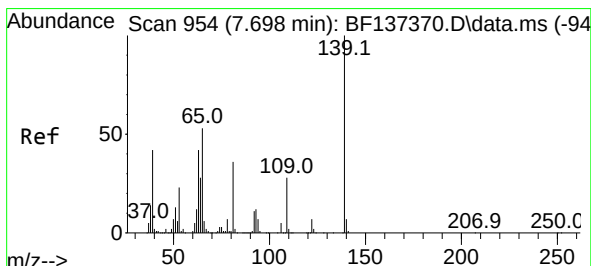
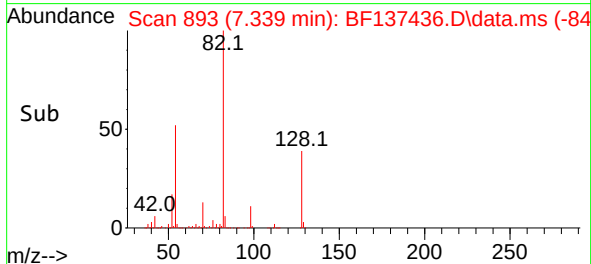
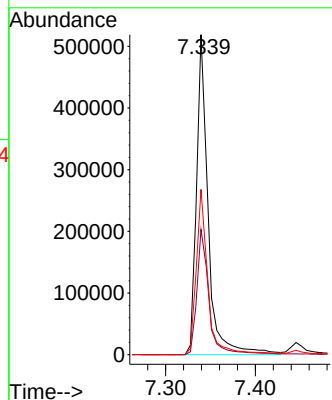
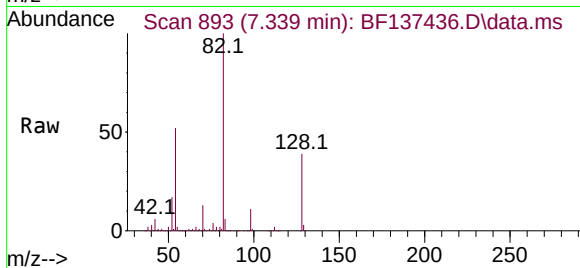




#23
Nitrobenzene-d5
Concen: 53.613 ng
RT: 7.339 min Scan# 897
Delta R.T. -0.024 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

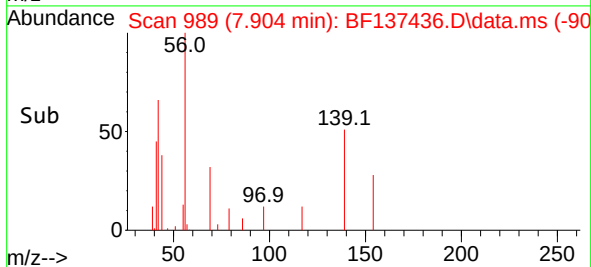
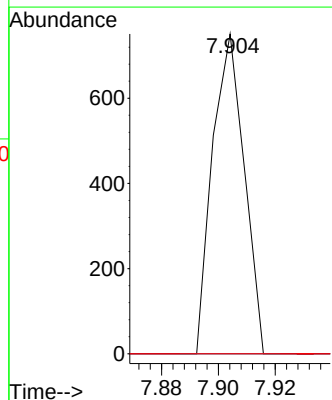
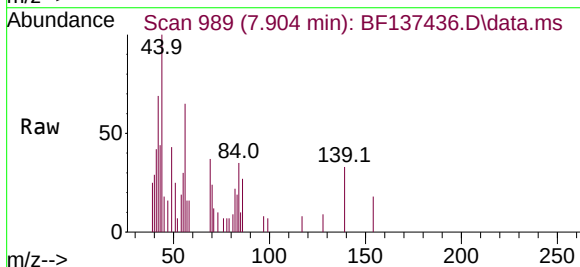
Instrument :
BNA_F
ClientSampleId :

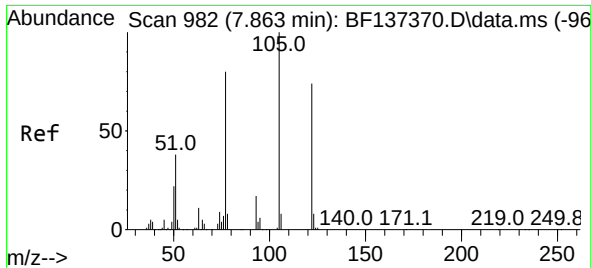
Tgt Ion: 82 Resp: 467244
Ion Ratio Lower Upper
82 100
128 39.2 30.8 46.2
54 51.6 40.8 61.2



#26
2-Nitrophenol
Concen: 3.064 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.206 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:139 Resp: 581
Ion Ratio Lower Upper
139 100
109 0.0 22.5 33.7#
65 0.0 42.3 63.5#

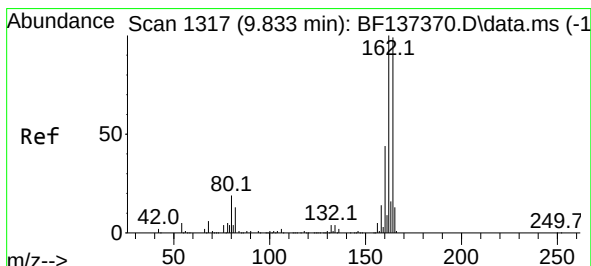
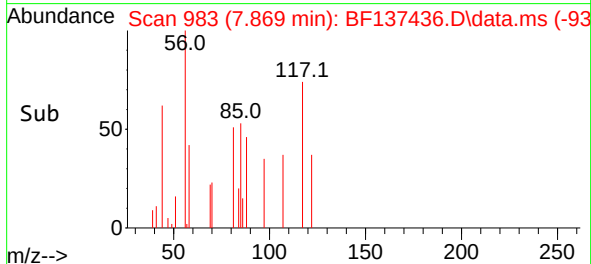
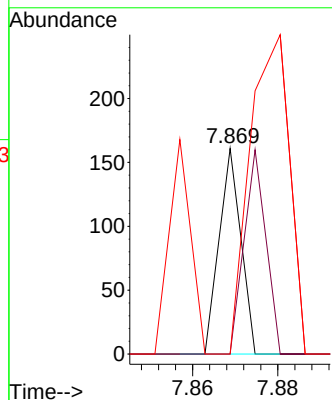
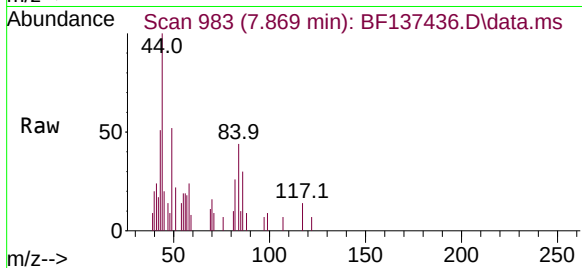




#32
Benzoic acid
Concen: 6.963 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

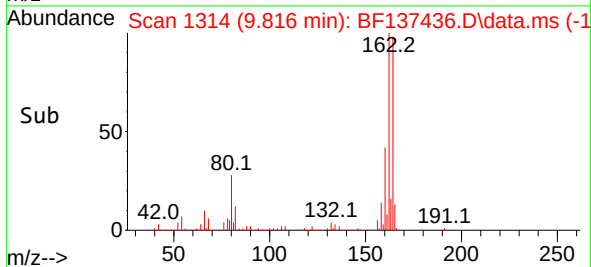
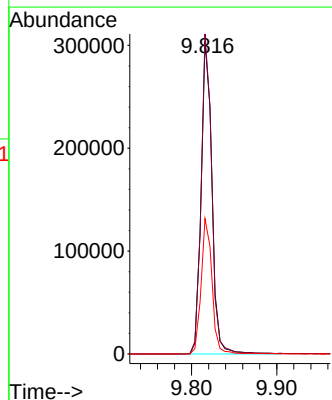
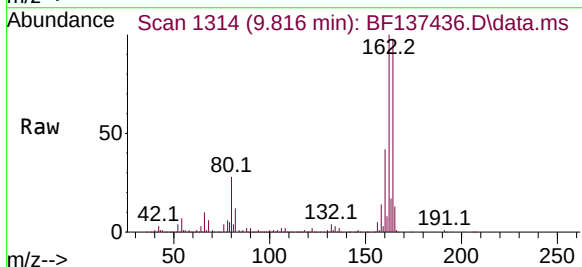
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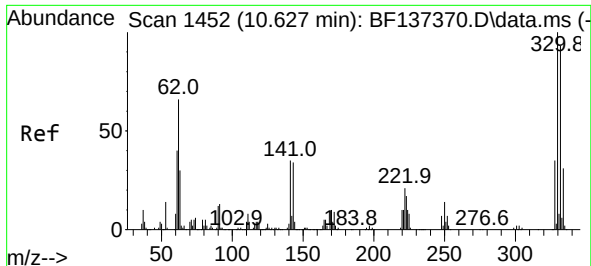
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:164 Resp: 269003
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 43.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 11.796 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

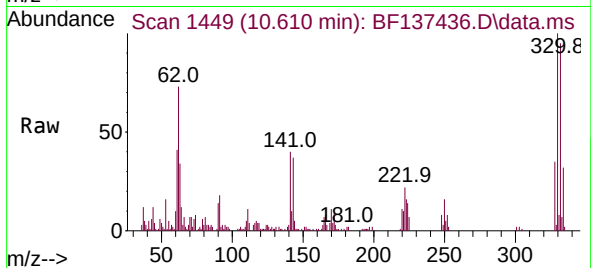
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Acq: 28 Feb 2024 21:48

Instrument :

BNA_F

ClientSampleId :



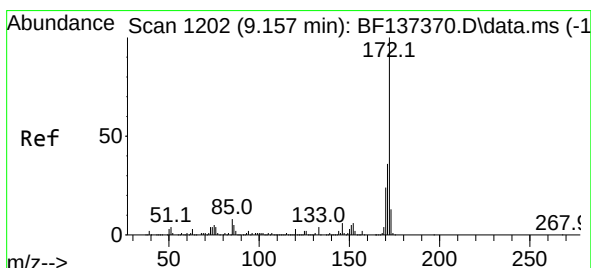
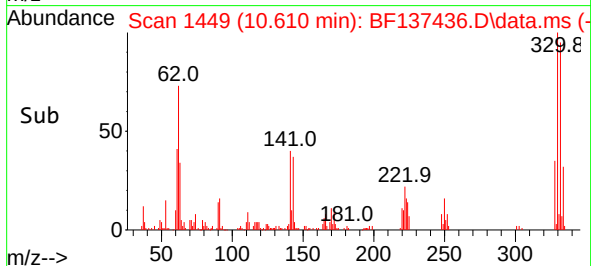
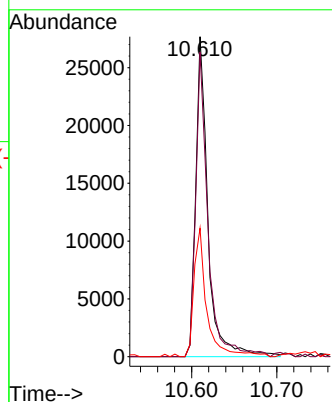
Tgt Ion:330 Resp: 27633

Ion Ratio Lower Upper

330 100

332 94.9 75.6 113.4

141 42.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 51.070 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

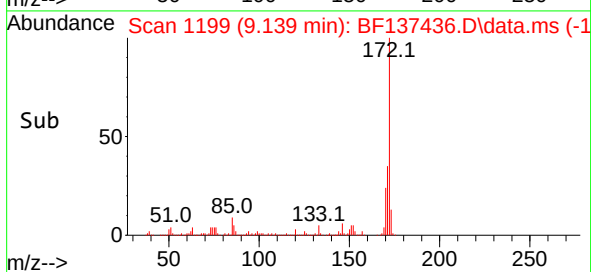
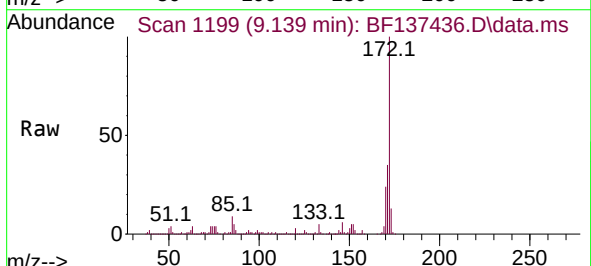
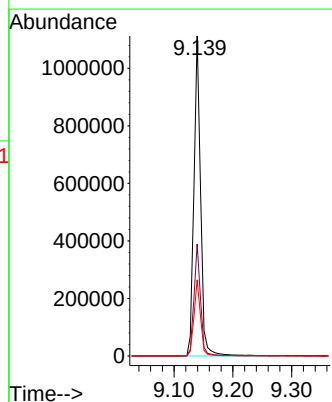
Tgt Ion:172 Resp: 882419

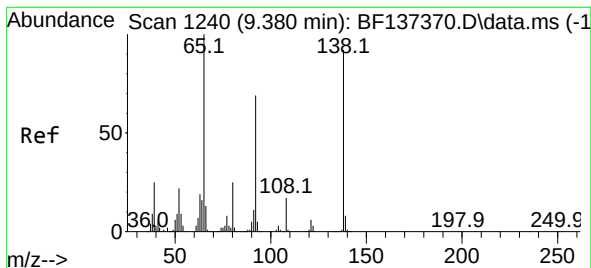
Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 23.8 19.5 29.3





#48

2-Nitroaniline

Concen: 4.343 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.029 min

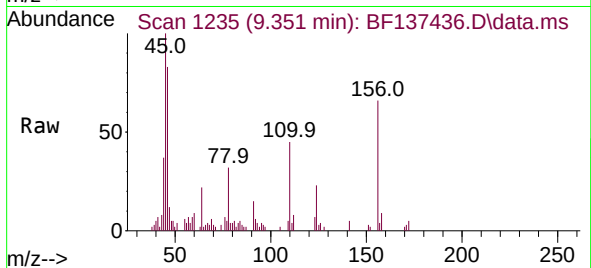
Lab File: BF137436.D

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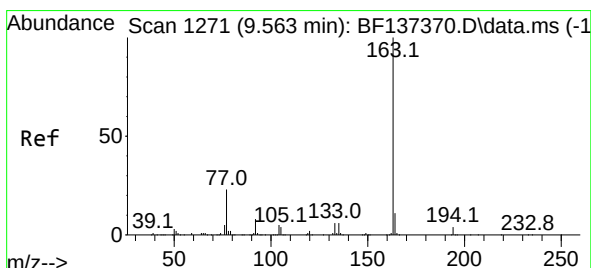
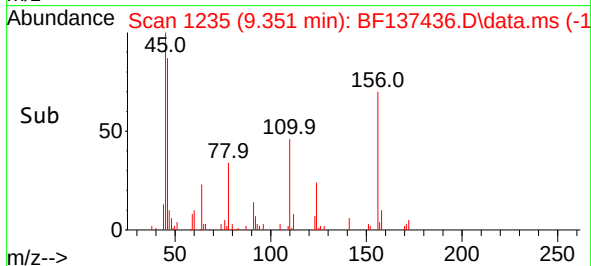
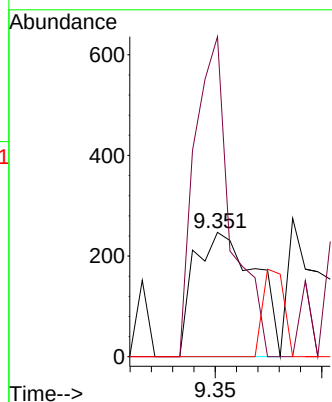
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	65	Resp:	493
Ion Ratio	Lower	Upper	
65	100		
92	257.5	55.0	82.6#
138	0.0	73.7	110.5#



#50

Dimethylphthalate

Concen: 2.212 ng

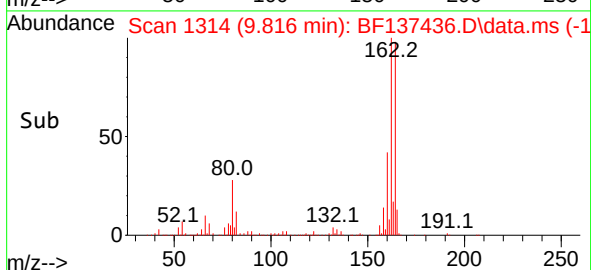
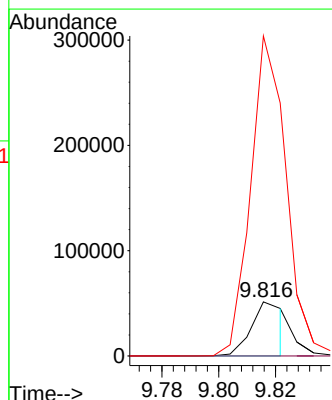
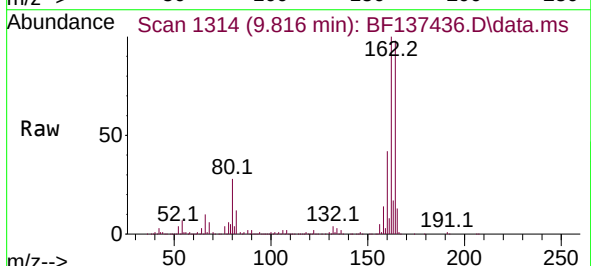
RT: 9.816 min Scan# 1314

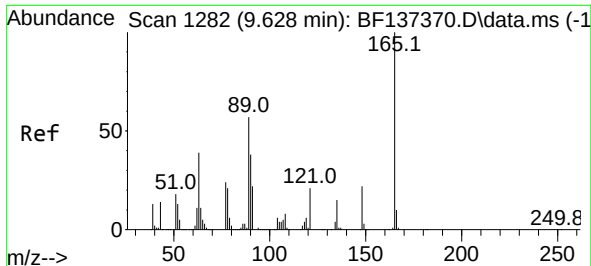
Delta R.T. 0.253 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

Tgt Ion:	163	Resp:	41125
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.0	4.4#
164	591.0	8.5	12.7#

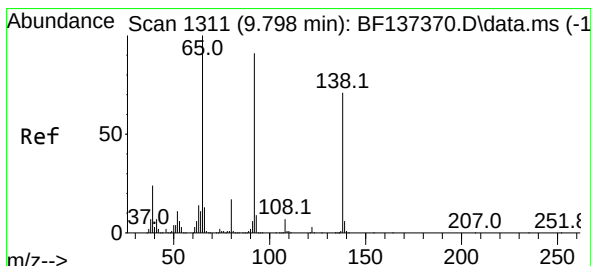
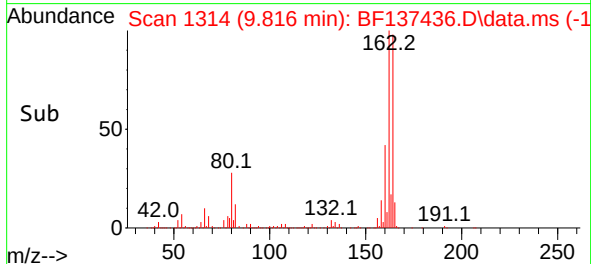
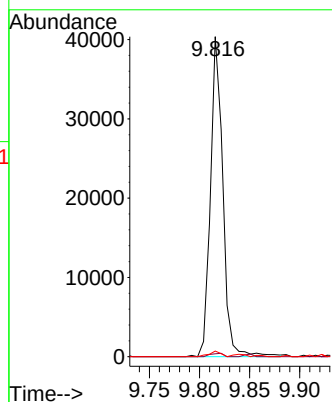
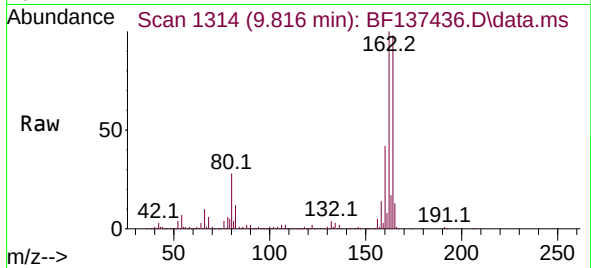




#51
2,6-Dinitrotoluene
Concen: 10.100 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

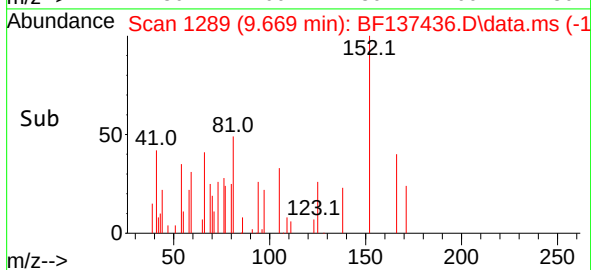
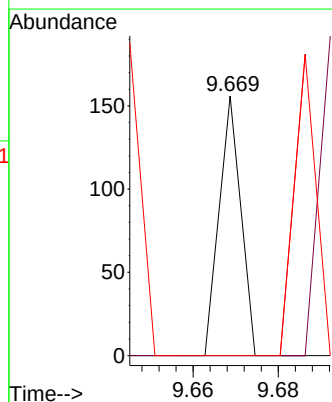
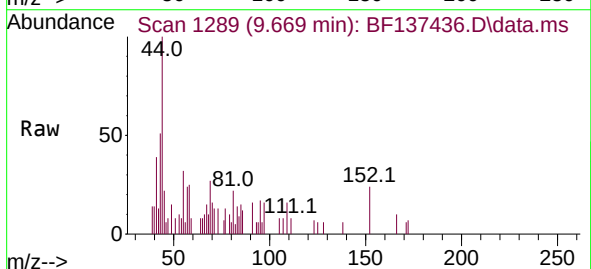
Instrument :
BNA_F
ClientSampleId :

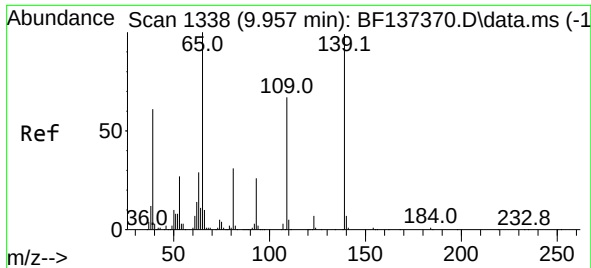
Tgt Ion:165 Resp: 34926
Ion Ratio Lower Upper
165 100
63 0.9 41.6 62.4#
89 1.8 45.8 68.6#



#53
3-Nitroaniline
Concen: 2.373 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.129 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.2#
92 0.0 102.2 153.2#

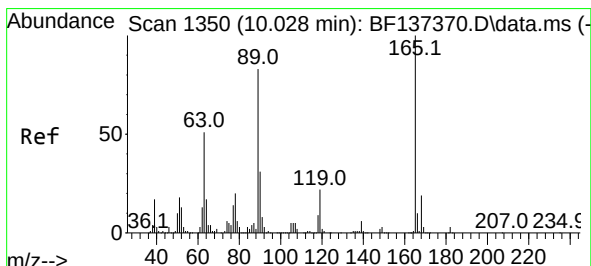
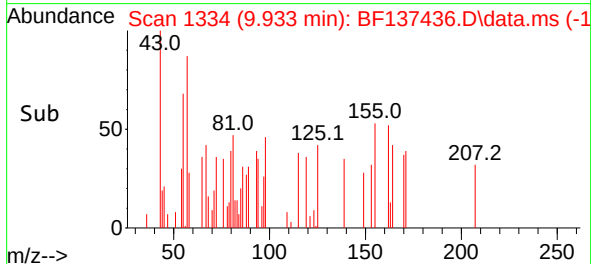
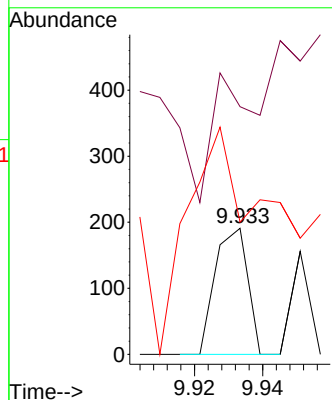
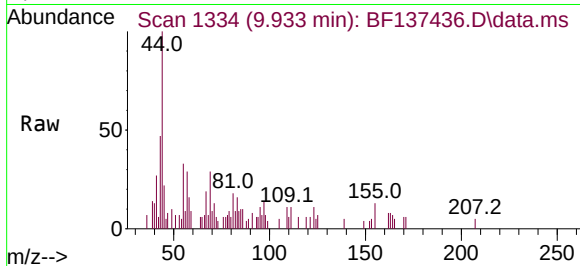




#56
4-Nitrophenol
Concen: 4.879 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

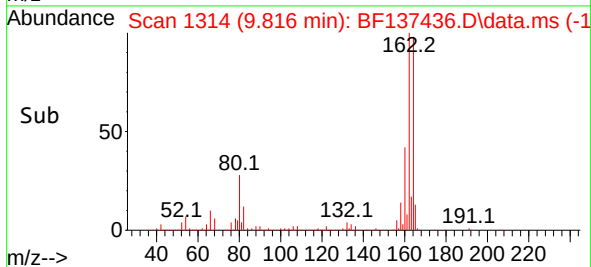
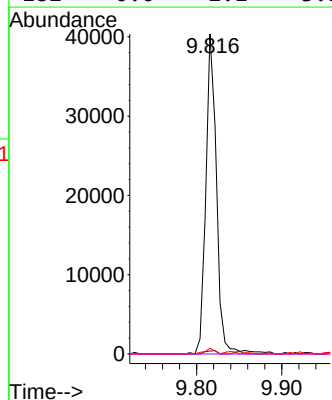
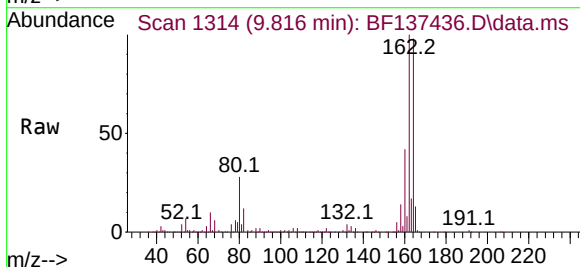
Instrument :
BNA_F
ClientSampleId :

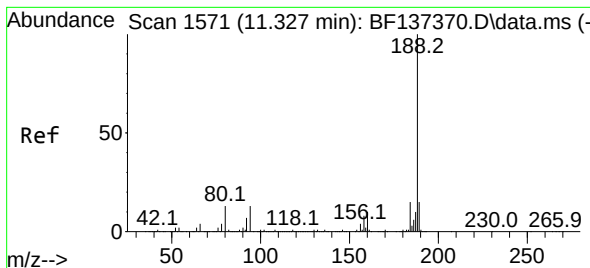
Tgt Ion:139 Resp: 126
Ion Ratio Lower Upper
139 100
109 196.3 48.0 88.0#
65 104.7 82.2 122.2



#57
2,4-Dinitrotoluene
Concen: 8.897 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:165 Resp: 35023
Ion Ratio Lower Upper
165 100
63 0.9 41.1 61.7#
89 1.8 66.6 100.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

Instrument :

BNA_F

ClientSampleId :

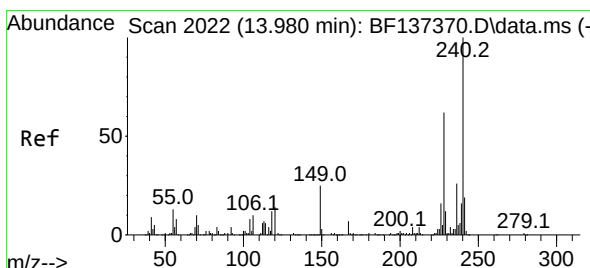
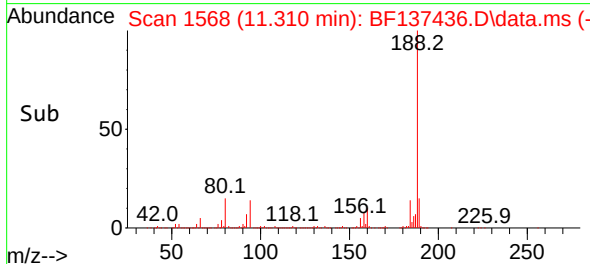
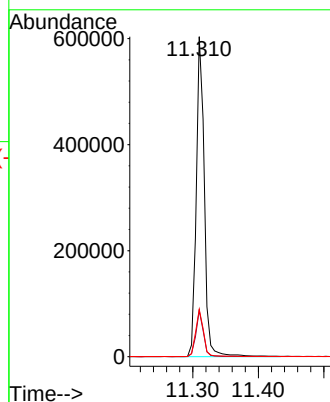
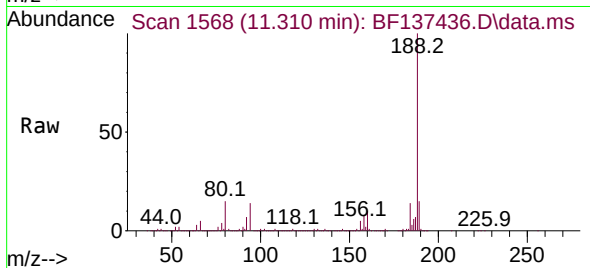
Tgt Ion:188 Resp: 517282

Ion Ratio Lower Upper

188 100

94 14.4 10.2 15.2

80 14.8 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

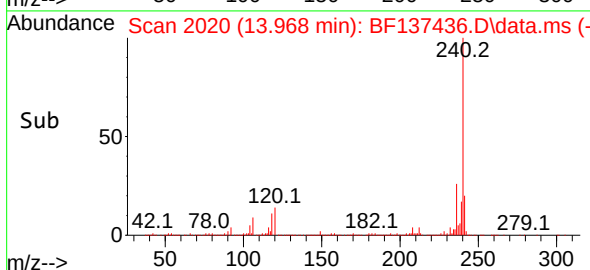
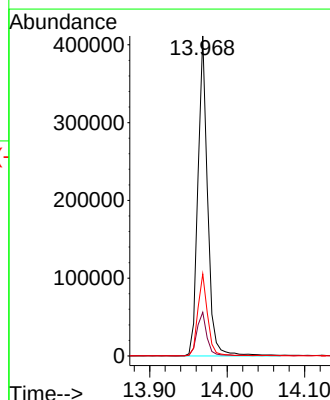
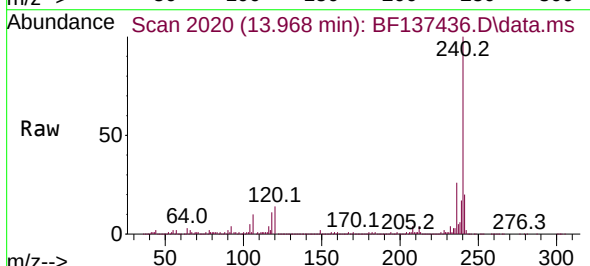
Tgt Ion:240 Resp: 358129

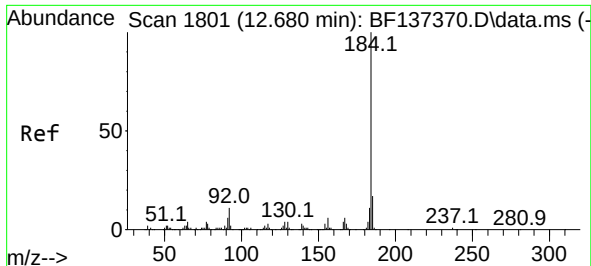
Ion Ratio Lower Upper

240 100

120 13.7 11.3 16.9

236 25.7 20.5 30.7

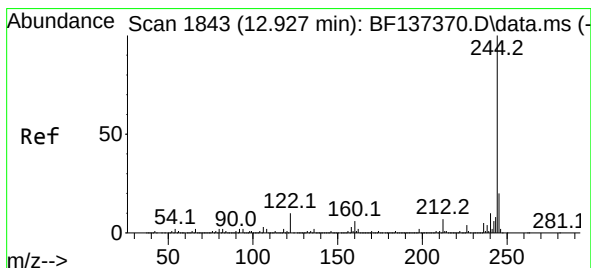
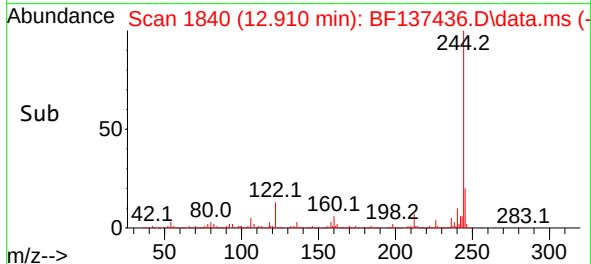
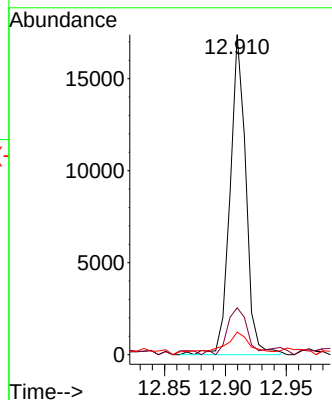
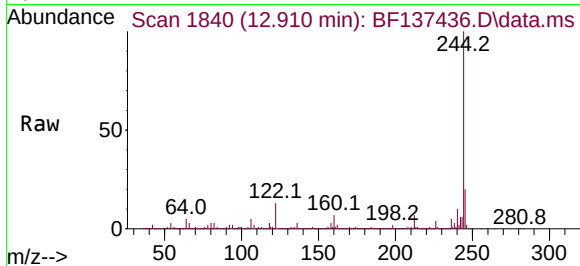




#77
Benzidine
Concen: 9.129 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.230 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

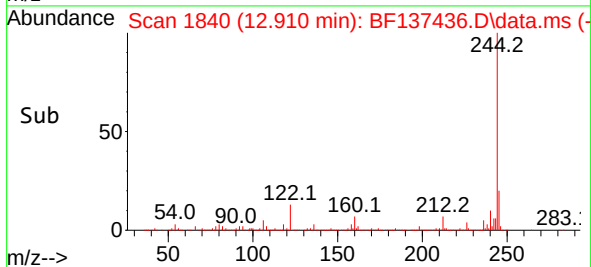
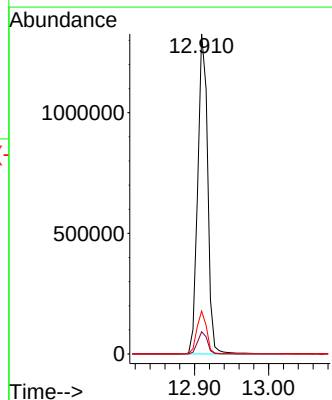
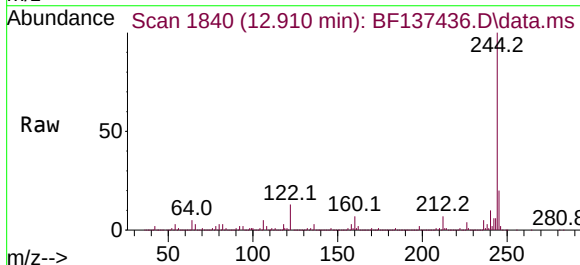
Instrument :
BNA_F
ClientSampleId :

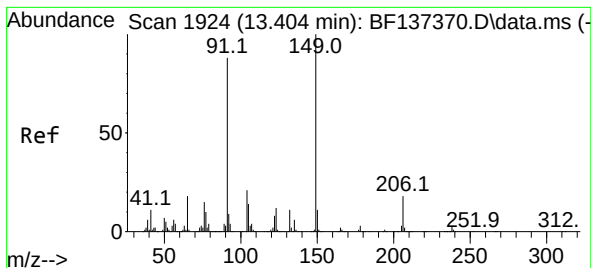
Tgt Ion:184 Resp: 15689
Ion Ratio Lower Upper
184 100
185 14.7 13.7 20.5
183 7.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 48.007 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:244 Resp: 1229200
Ion Ratio Lower Upper
244 100
212 7.0 5.3 7.9
122 13.4 8.2 12.4#





#80

Butylbenzylphthalate

Concen: 4.161 ng

RT: 13.368 min Scan# 1924

Delta R.T. -0.036 min

Lab File: BF137436.D

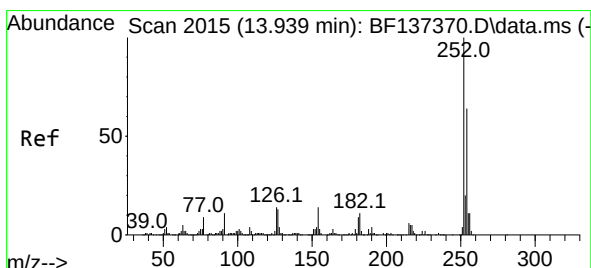
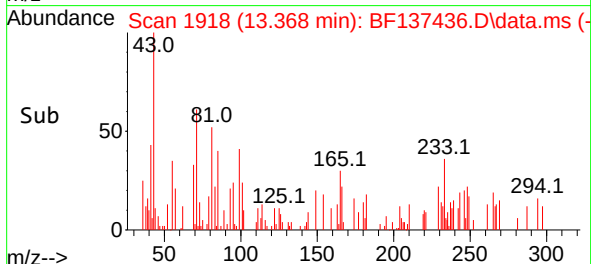
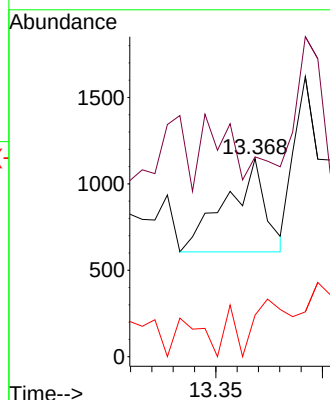
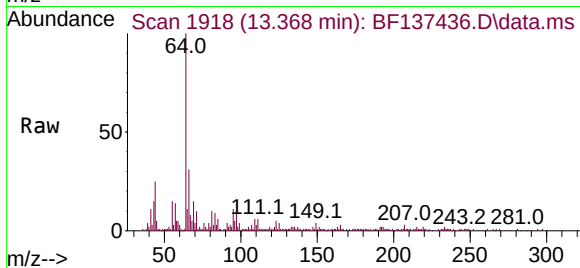
Acq: 28 Feb 2024 21:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	693
Ion Ratio	Lower	Upper	
149	100		
91	100.9	70.5	105.7
206	20.9	14.8	22.2



#82

3,3'-Dichlorobenzidine

Concen: 5.139 ng

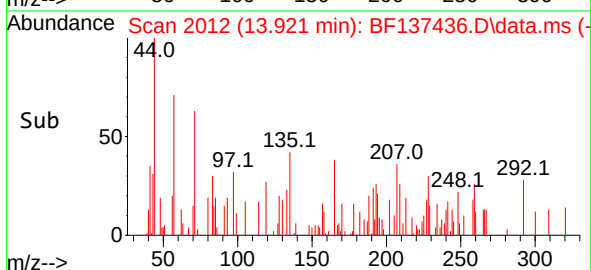
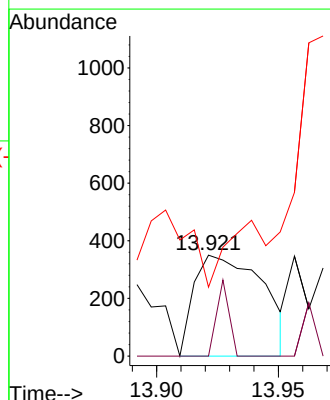
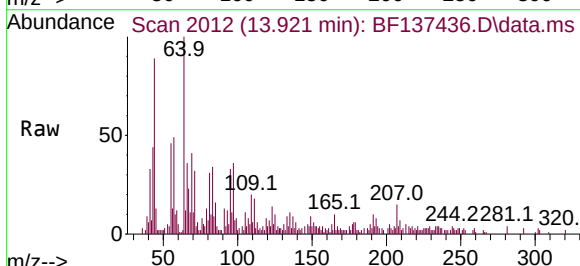
RT: 13.921 min Scan# 2012

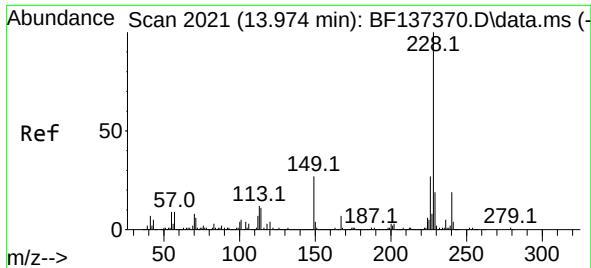
Delta R.T. -0.018 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

Tgt Ion:	252	Resp:	687
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.2	76.8#
126	68.3	11.1	16.7#

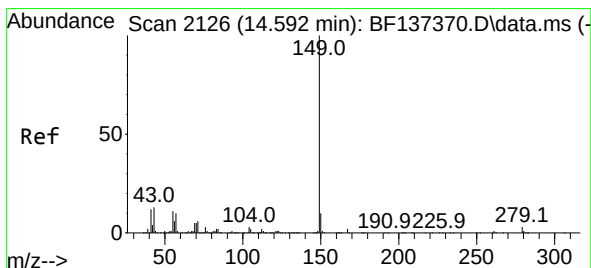
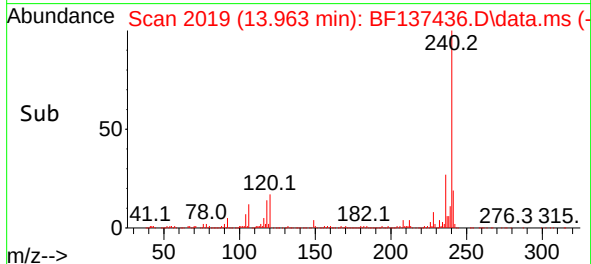
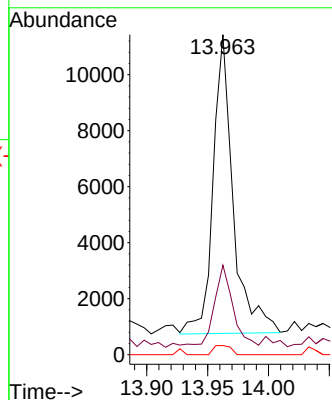
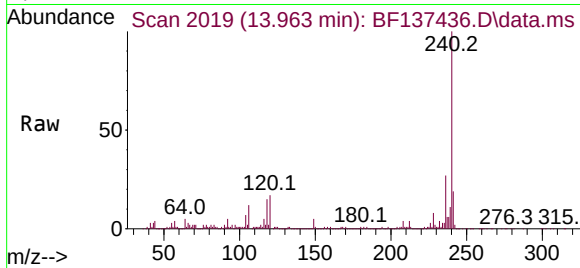




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.294 ng
RT: 13.963 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

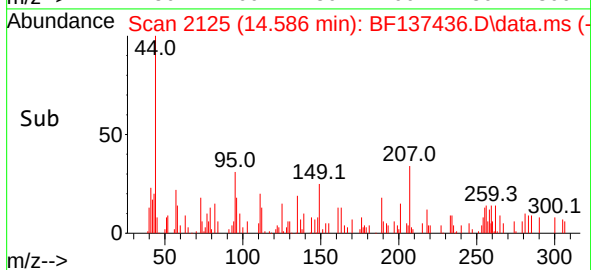
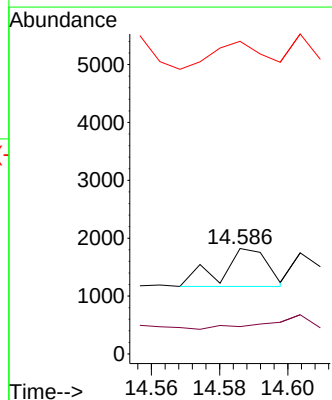
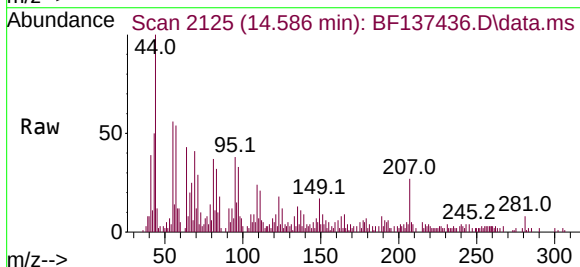
Instrument :
BNA_F
ClientSampleId :

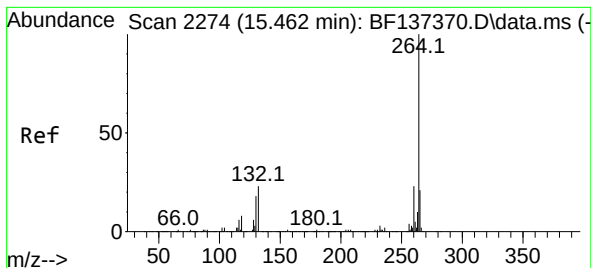
Tgt Ion:149 Resp: 12284
Ion Ratio Lower Upper
149 100
167 28.0 20.6 31.0
279 2.9 2.7 4.1



#85
Di-n-octyl phthalate
Concen: 6.076 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF137436.D
Acq: 28 Feb 2024 21:48

Tgt Ion:149 Resp: 617
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 78.4 13.7 20.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

Instrument :

BNA_F

ClientSampleId :

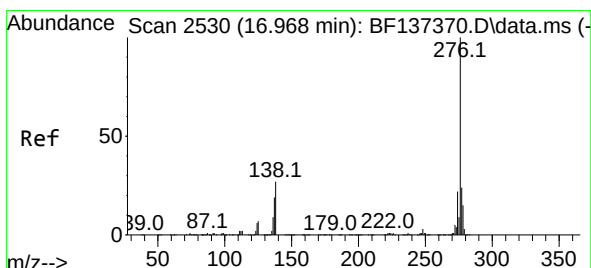
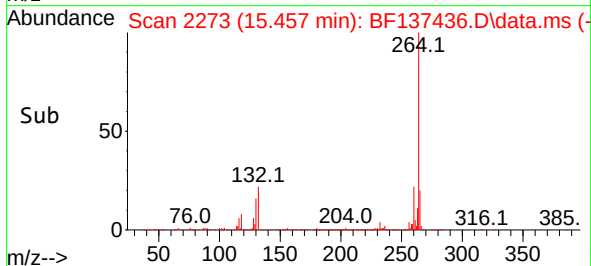
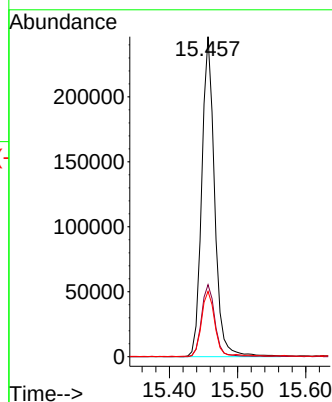
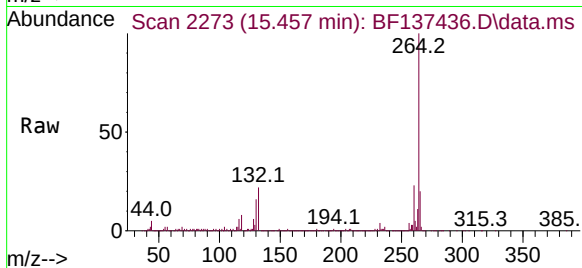
Tgt Ion:264 Resp: 323173

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 20.4 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.242 ng

RT: 16.956 min Scan# 2528

Delta R.T. -0.012 min

Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

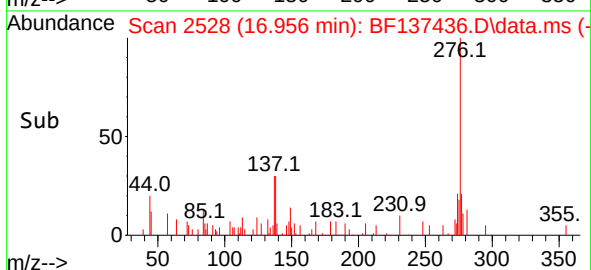
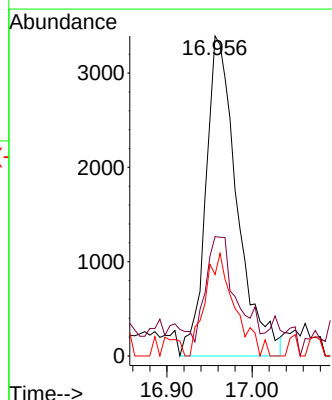
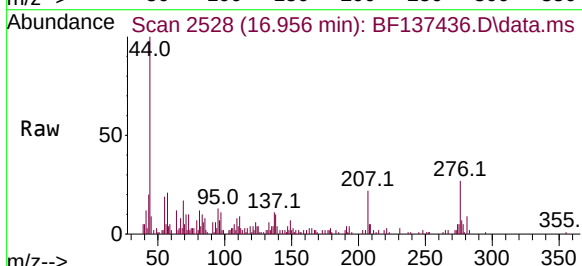
Tgt Ion:276 Resp: 8658

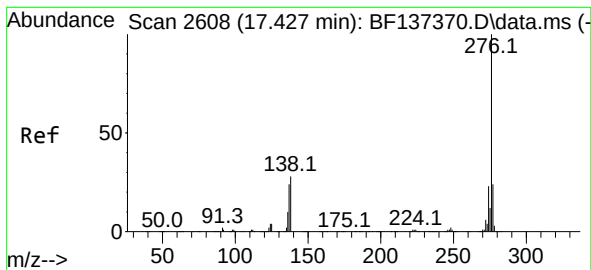
Ion Ratio Lower Upper

276 100

138 30.8 25.8 38.8

277 30.5 19.6 29.4#





#92

Benzo(g,h,i)perylene

Concen: 2.495 ng

RT: 17.409 min Scan# 20

Delta R.T. -0.018 min

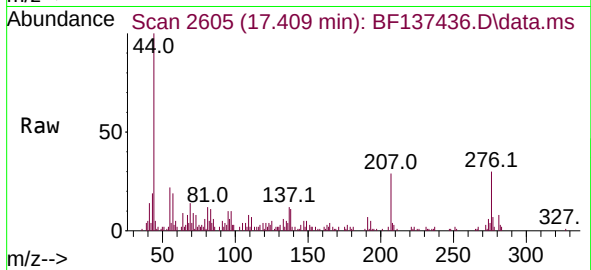
Lab File: BF137436.D

Acq: 28 Feb 2024 21:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 8435

Ion Ratio Lower Upper

276 100

277 22.4 19.0 28.4

138 37.1 22.6 33.8#

