

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137431.D
 Acq On : 28 Feb 2024 19:21
 Operator : CG\JU
 Sample : P1523-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 29 03:14:59 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

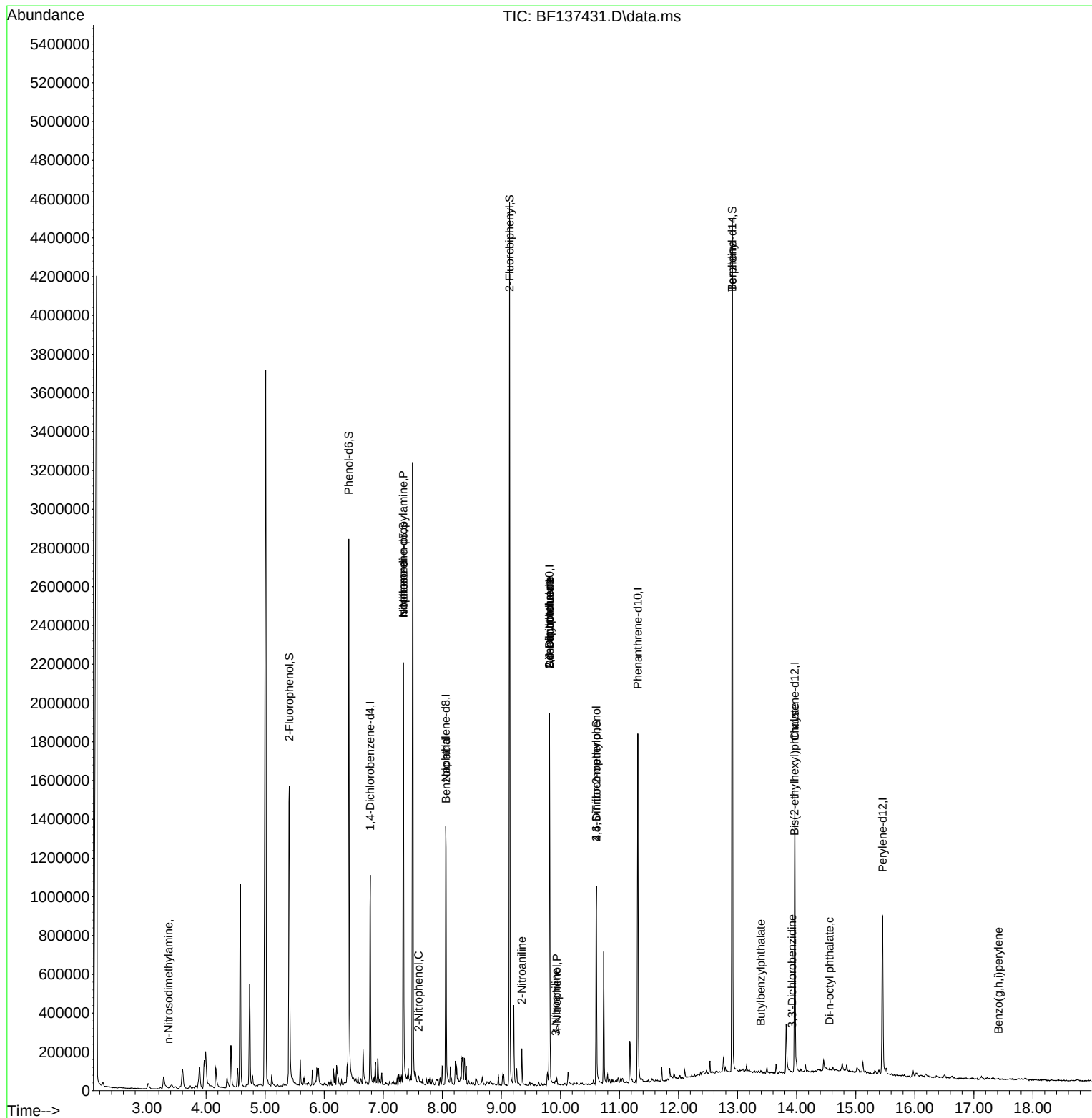
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	153960	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	620108	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	354824	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	652694	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	459635	20.000	ng	-0.01
86) Perylene-d12	15.457	264	403885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	544244	54.546	ng	-0.02
7) Phenol-d6	6.416	99	983828	67.030	ng	-0.02
23) Nitrobenzene-d5	7.340	82	725246	58.389	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	110596	35.794	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1240199	54.416	ng	-0.02
79) Terphenyl-d14	12.910	244	1524660	46.396	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.363	42	280	5.155	ng	# 1
19) n-Nitroso-di-n-propyla...	7.340	70	93654	10.355	ng	# 82
25) Isophorone	7.340	82	725230	28.234	ng	# 69
26) 2-Nitrophenol	7.598	139	258	2.953	ng	# 29
32) Benzoic acid	8.063	122	180	6.977	ng	# 1
48) 2-Nitroaniline	9.345	65	694	4.350	ng	# 1
50) Dimethylphthalate	9.816	163	55863	2.278	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	44976	9.860	ng	# 26
53) 3-Nitroaniline	9.922	138	180	2.393	ng	# 1
56) 4-Nitrophenol	9.939	139	1195	5.129	ng	# 39
57) 2,4-Dinitrotoluene	9.816	165	44977	8.690	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	236	4.573	ng	# 1
77) Benzidine	12.910	184	19599	9.071	ng	# 94
80) Butylbenzylphthalate	13.392	149	2561	4.499	ng	# 80
82) 3,3'-Dichlorobenzidine	13.921	252	256	5.064	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.963	149	15035	6.193	ng	96
85) Di-n-octyl phthalate	14.557	149	1054	6.103	ng	# 55
92) Benzo(g,h,i)perylene	17.415	276	4869	2.266	ng	97

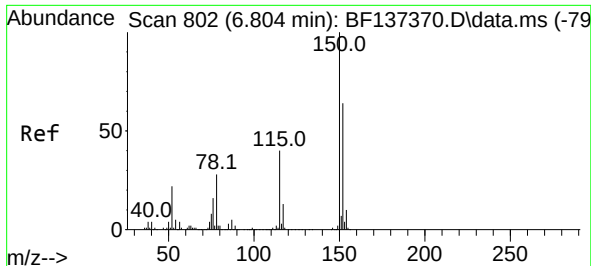
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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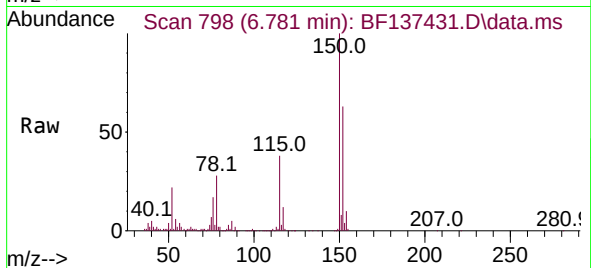
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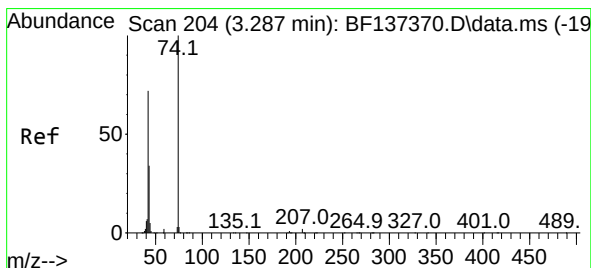
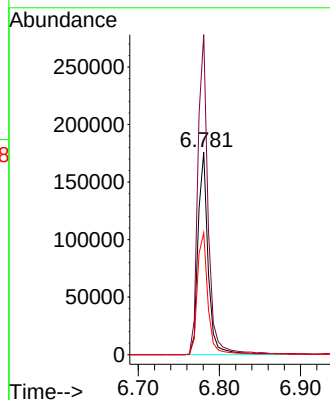
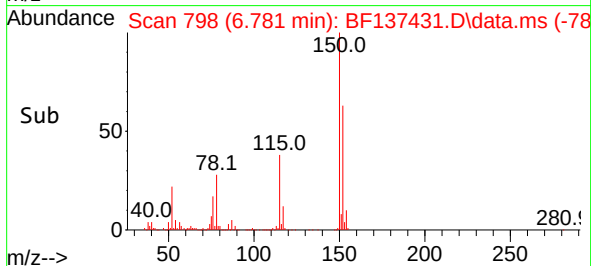


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

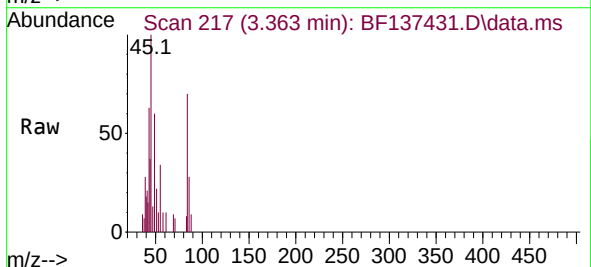
Instrument :
BNA_F
ClientSampleId :



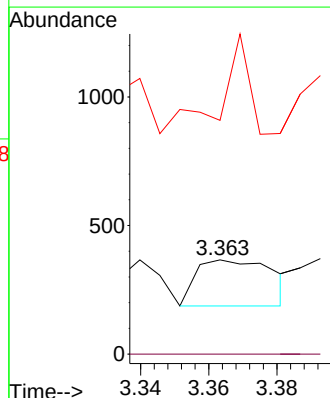
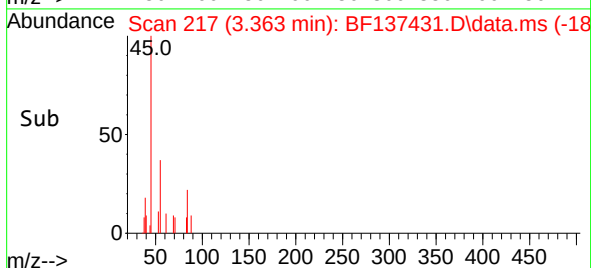
Tgt Ion:152 Resp: 153960
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 60.1 49.8 74.8

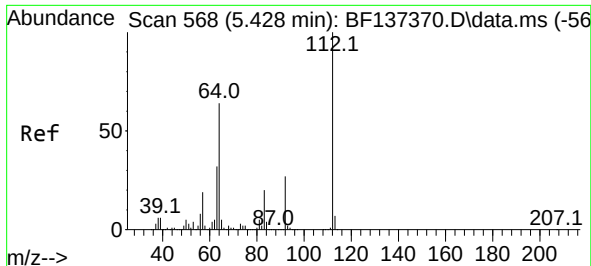


#4
n-Nitrosodimethylamine
Concen: 5.155 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.076 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21



Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 248.4 6.0 9.0#

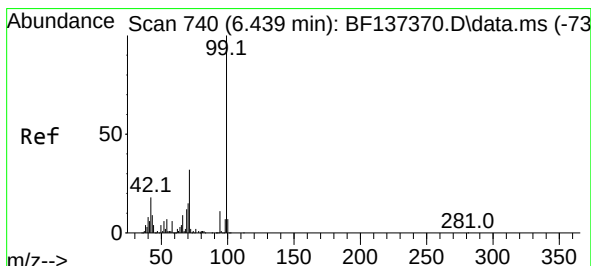
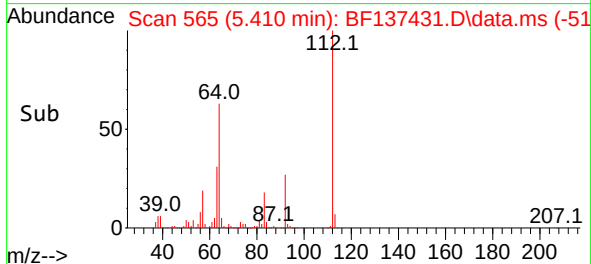
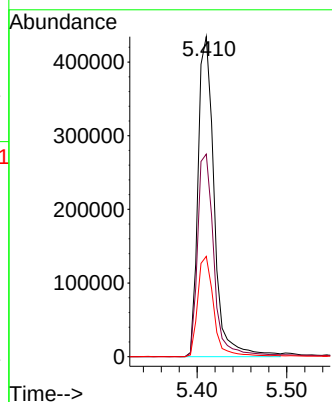
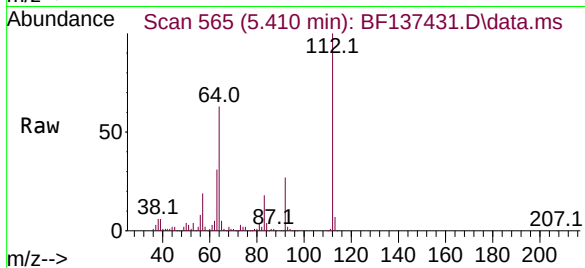




#5
2-Fluorophenol
Concen: 54.546 ng
RT: 5.410 min Scan# 501
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

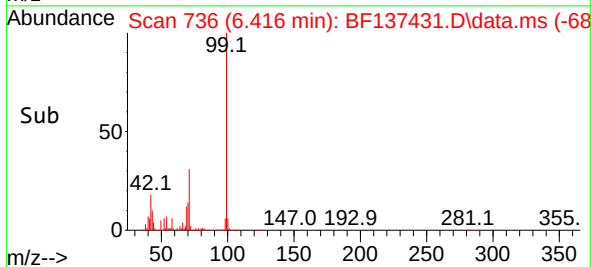
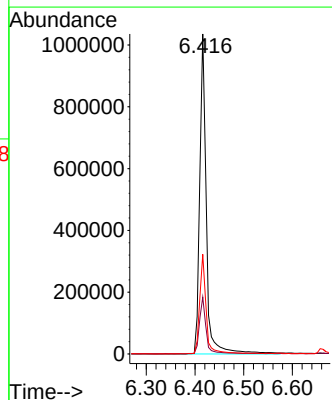
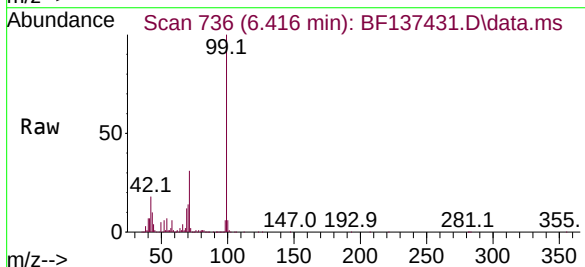
Instrument :
BNA_F
ClientSampleId :

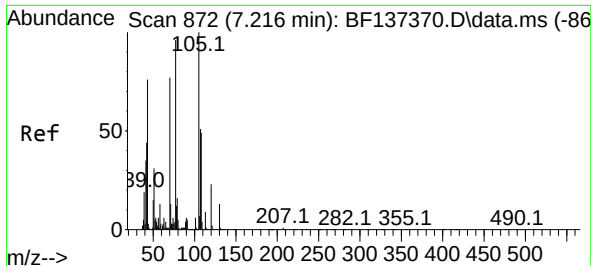
Tgt Ion:112 Resp: 544244
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 31.3 25.7 38.5



#7
Phenol-d6
Concen: 67.030 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.023 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

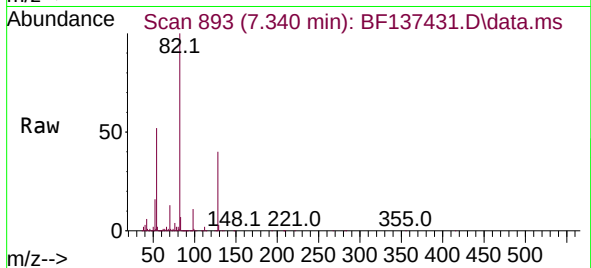
Tgt Ion: 99 Resp: 983828
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.2 25.2 37.8



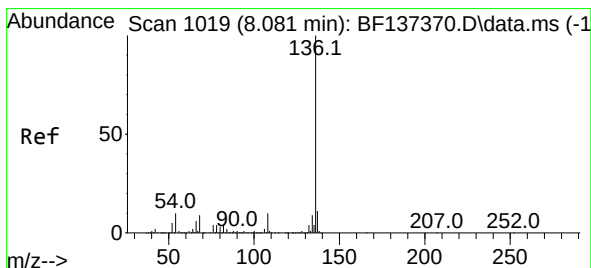
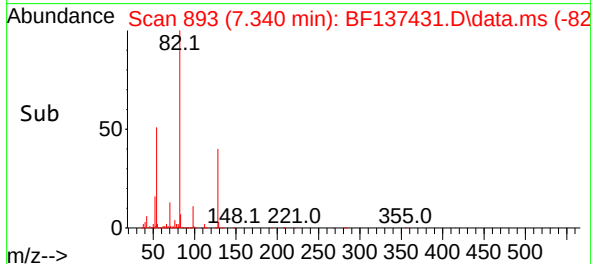
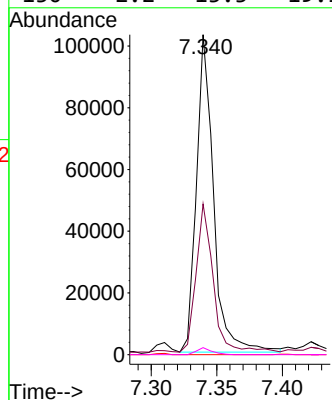


#19
n-Nitroso-di-n-propylamine
Concen: 10.355 ng
RT: 7.340 min Scan# 89
Delta R.T. 0.124 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Instrument :
BNA_F
ClientSampleId :

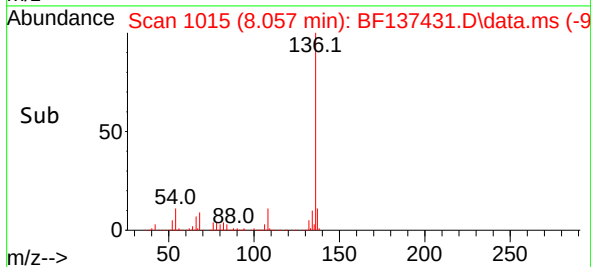
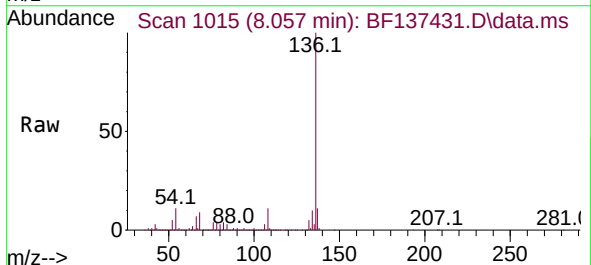
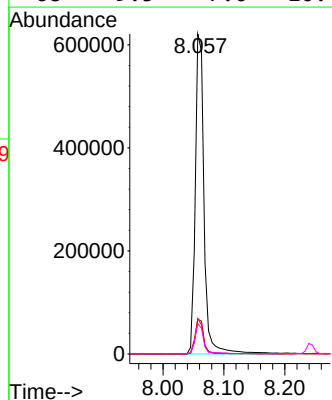


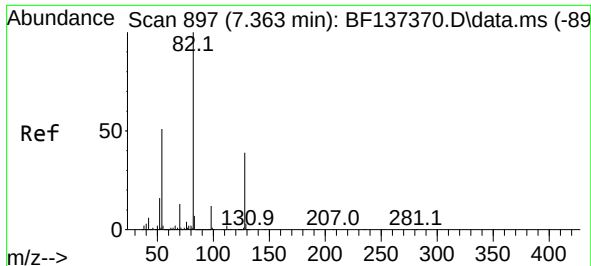
Tgt Ion: 70 Resp: 93654
Ion Ratio Lower Upper
70 100
42 47.1 45.3 67.9
101 0.0 6.5 9.7#
130 2.2 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion: 136 Resp: 620108
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 11.1 7.8 11.6
68 9.5 7.0 10.4

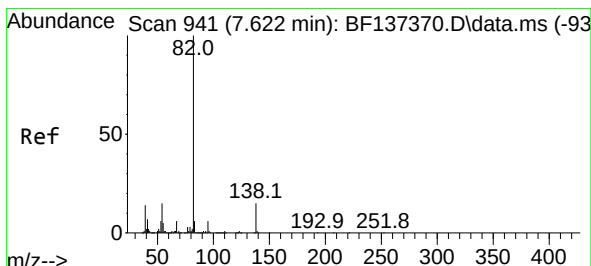
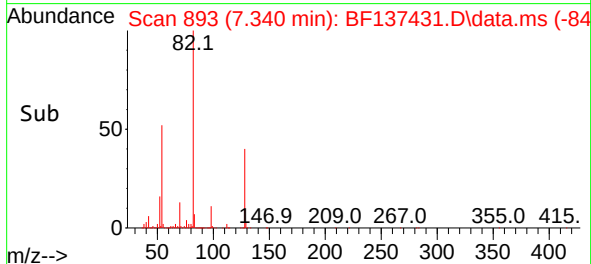
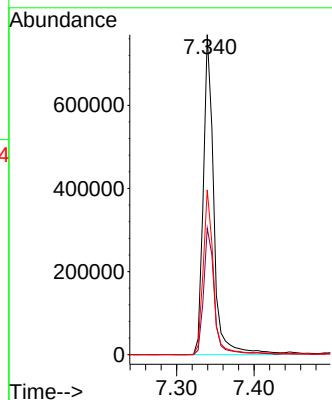
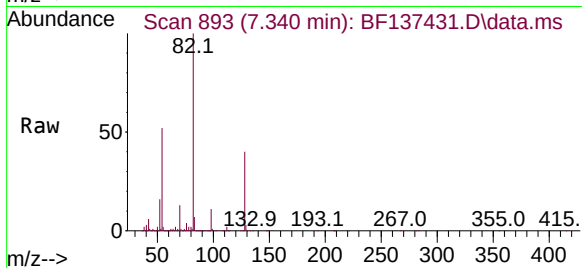




#23
Nitrobenzene-d5
Concen: 58.389 ng
RT: 7.340 min Scan# 897
Delta R.T. -0.023 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

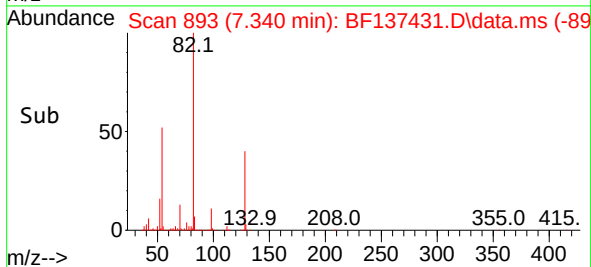
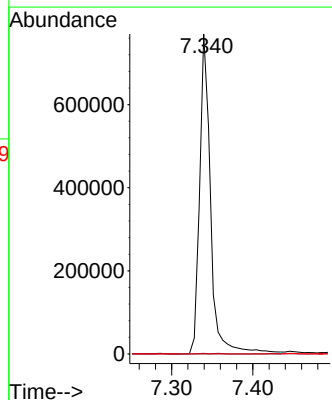
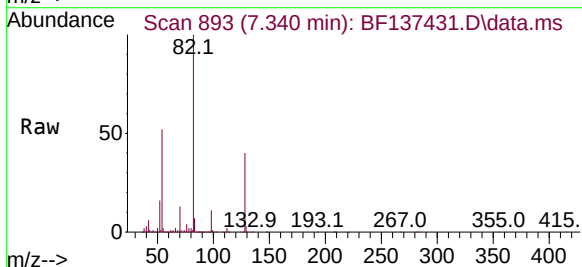
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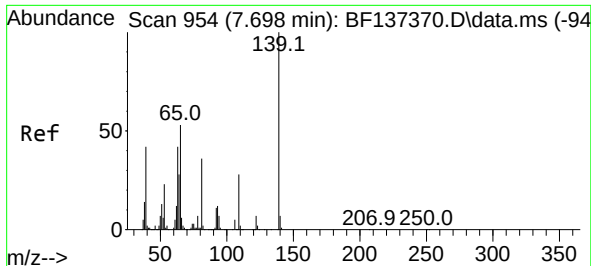
Tgt Ion: 82 Resp: 725246
Ion Ratio Lower Upper
82 100
128 39.5 30.8 46.2
54 51.5 40.8 61.2



#25
Isophorone
Concen: 28.234 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.282 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

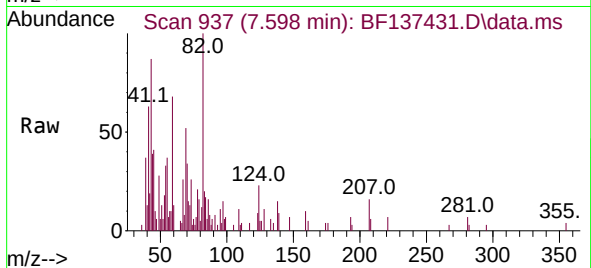
Tgt Ion: 82 Resp: 725230
Ion Ratio Lower Upper
82 100
95 0.2 5.1 7.7#
138 0.0 12.2 18.4#



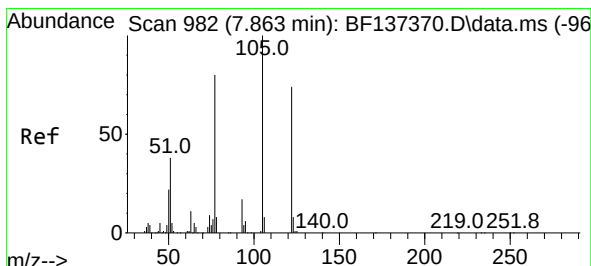
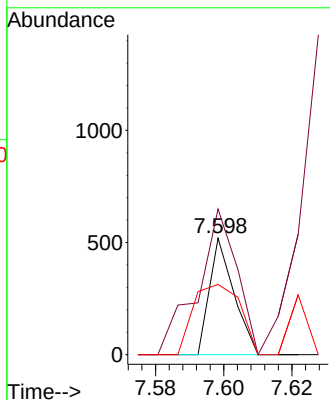
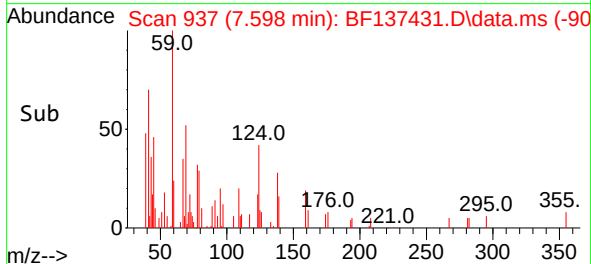


#26
2-Nitrophenol
Concen: 2.953 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.100 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

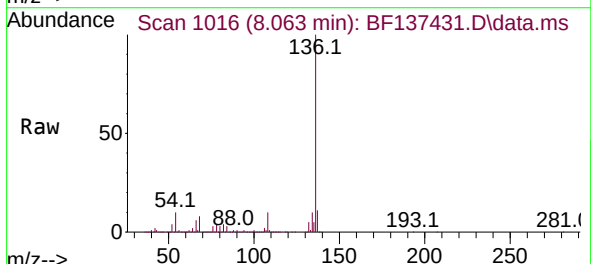
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BNA_F
ClientSampleId :



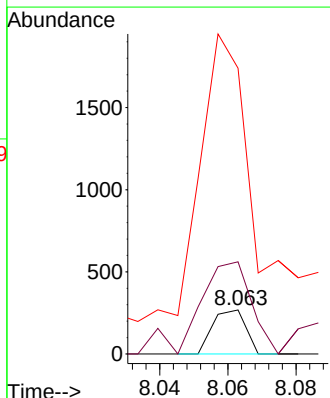
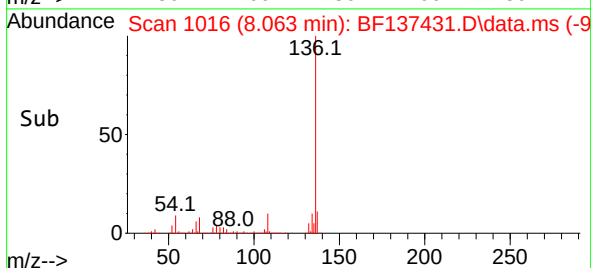
Tgt Ion:139 Resp: 258
Ion Ratio Lower Upper
139 100
109 125.0 22.5 33.7#
65 60.3 42.3 63.5

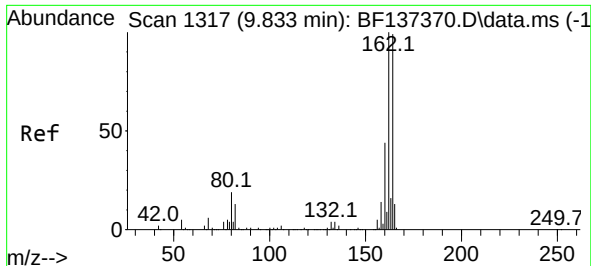


#32
Benzoic acid
Concen: 6.977 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.200 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21



Tgt Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 209.3 101.1 141.1#
77 649.3 82.8 122.8#

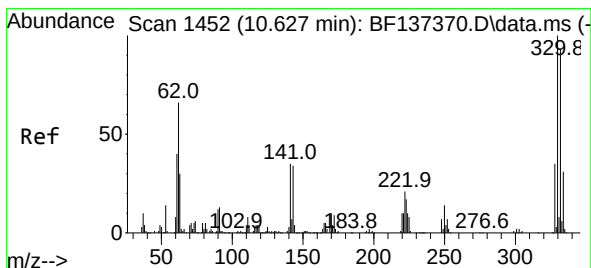
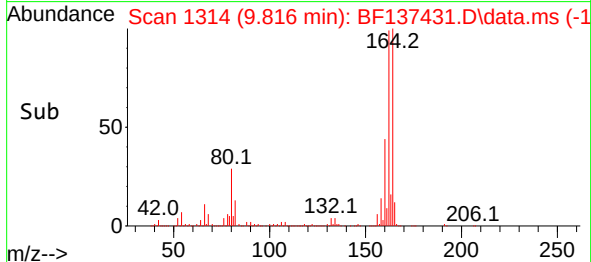
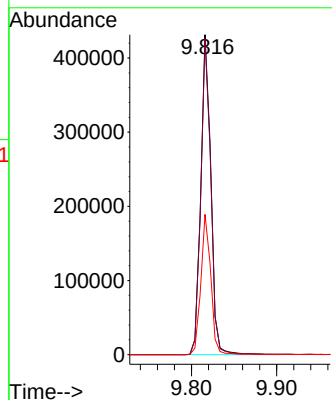
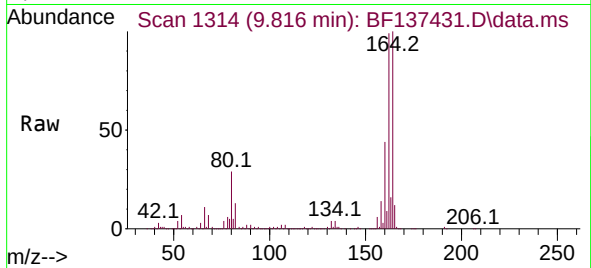




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

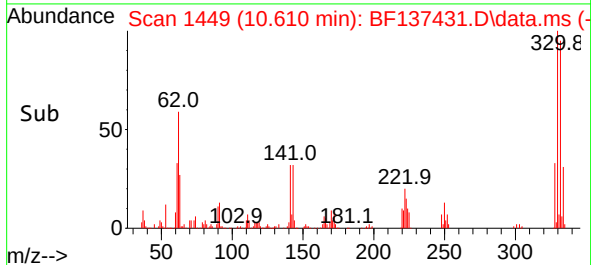
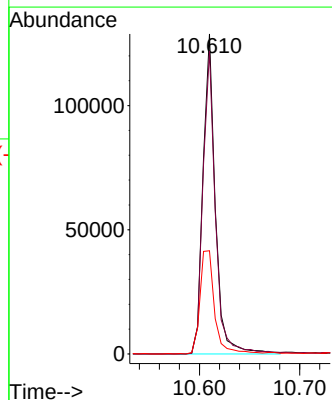
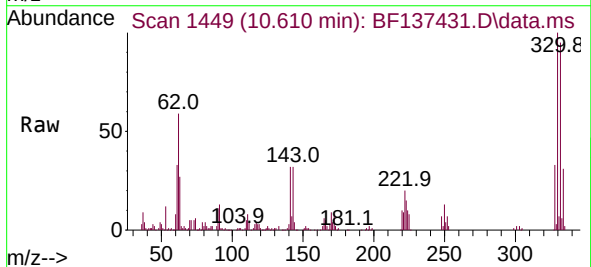
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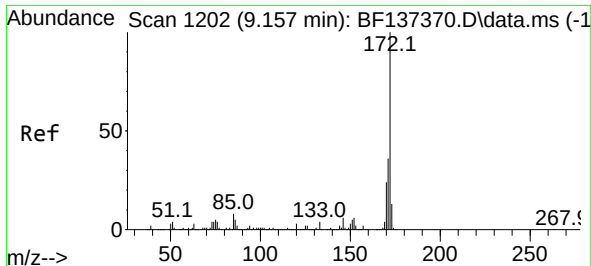
Tgt Ion:164 Resp: 354824
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 43.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 35.794 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

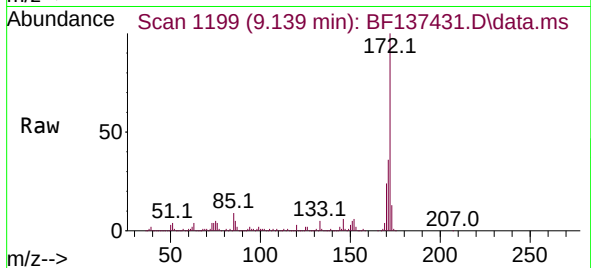
Tgt Ion:330 Resp: 110596
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 38.4 28.6 42.8



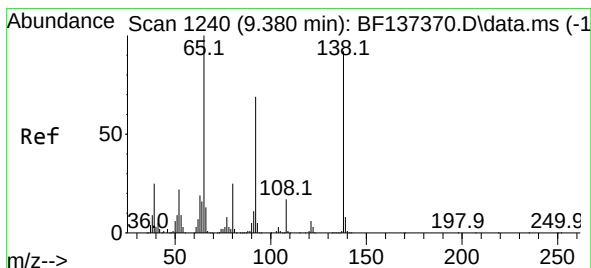
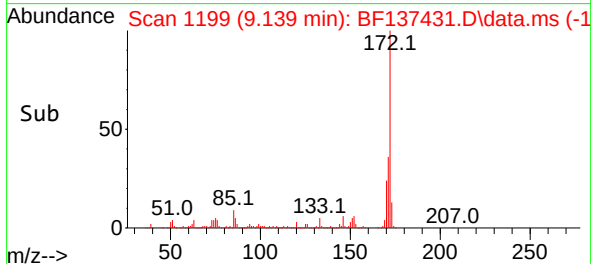
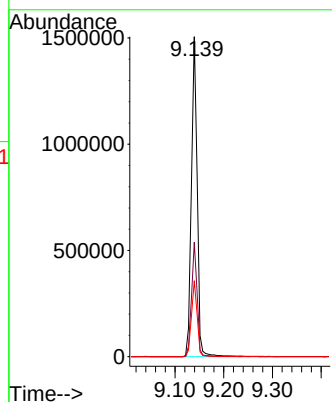


#45
2-Fluorobiphenyl
Concen: 54.416 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Instrument :
BNA_F
ClientSampleId :

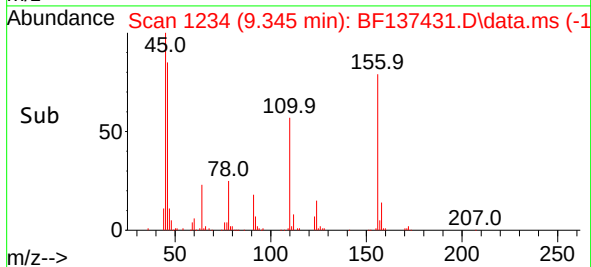
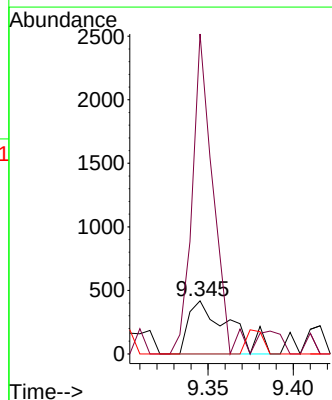
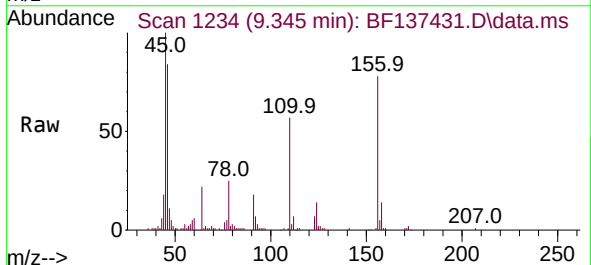


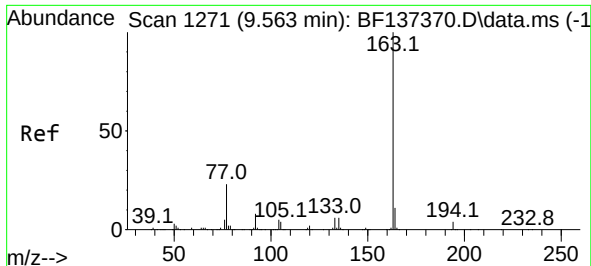
Tgt Ion:172 Resp: 1240199
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.8 19.5 29.3



#48
2-Nitroaniline
Concen: 4.350 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.035 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion: 65 Resp: 694
Ion Ratio Lower Upper
65 100
92 602.4 55.0 82.6#
138 0.0 73.7 110.5#

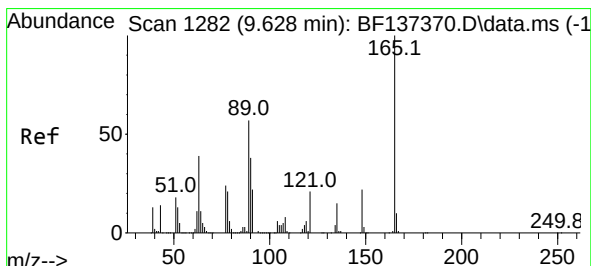
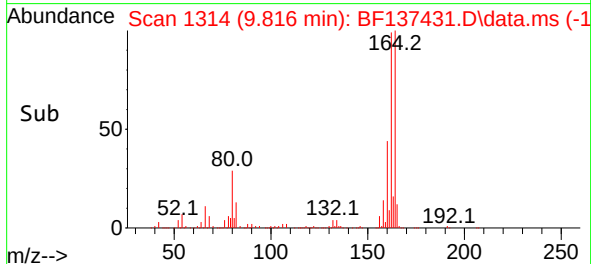
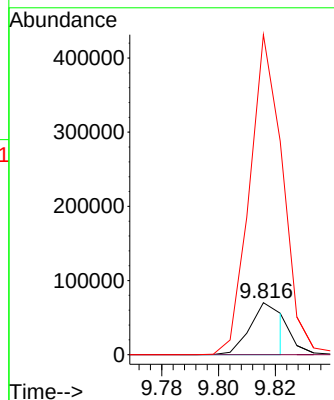
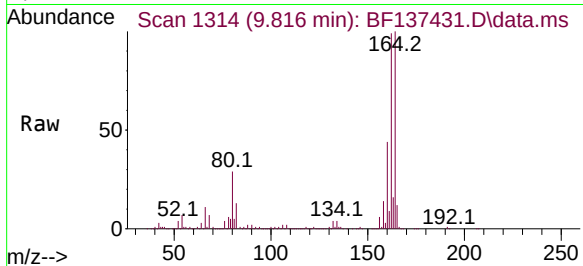




#50
Dimethylphthalate
Concen: 2.278 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

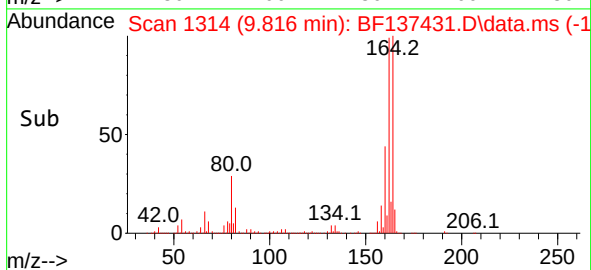
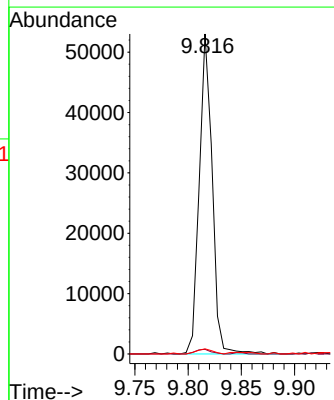
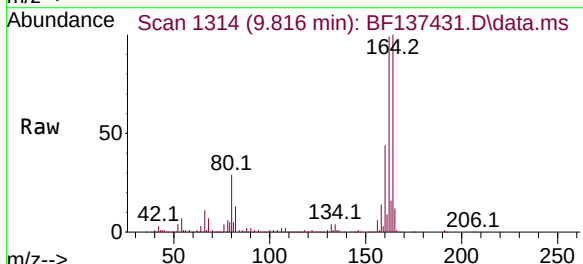
Instrument :
BNA_F
ClientSampleId :

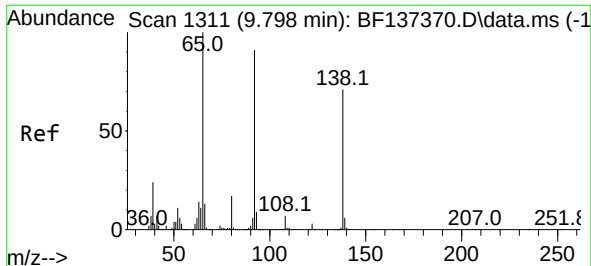
Tgt Ion:163 Resp: 55863
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 616.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 9.860 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion:165 Resp: 44976
Ion Ratio Lower Upper
165 100
63 1.4 41.6 62.4#
89 1.6 45.8 68.6#

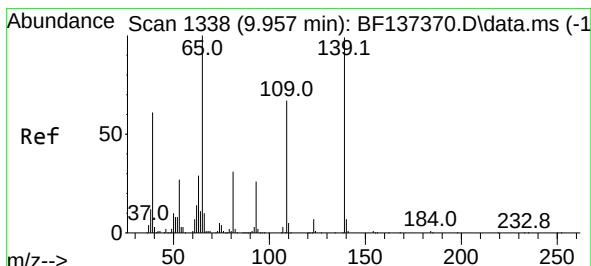
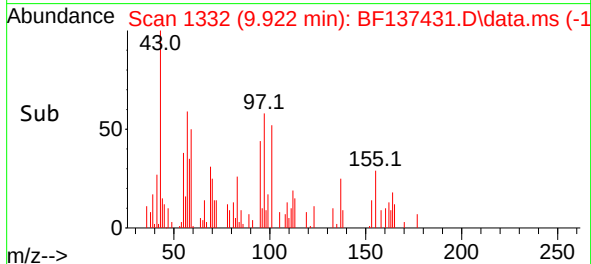
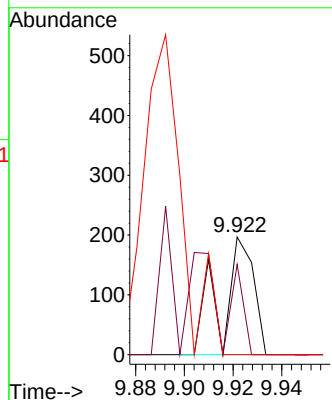
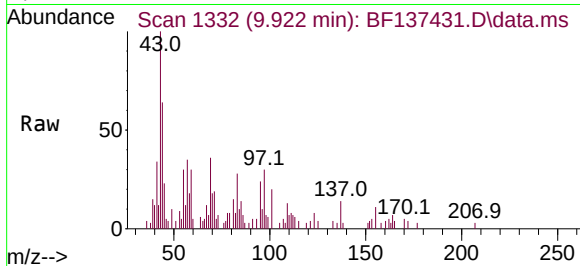




#53
3-Nitroaniline
Concen: 2.393 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

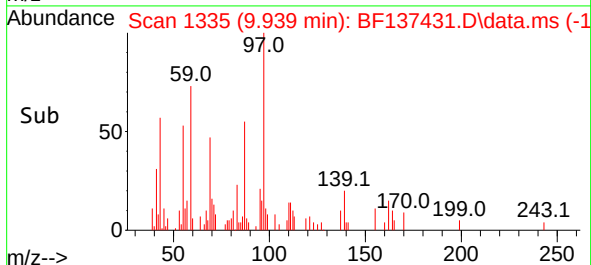
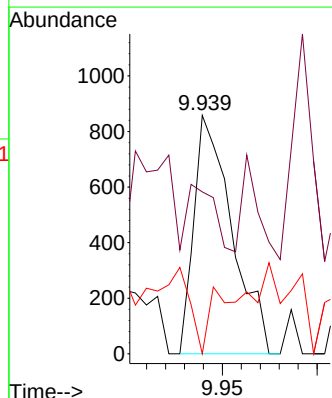
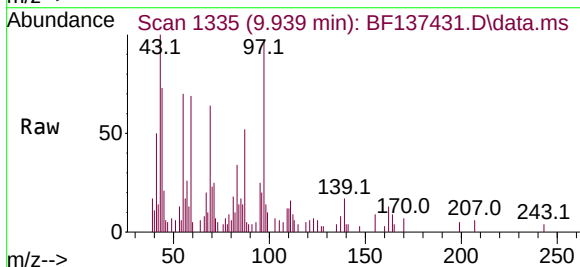
Instrument :
BNA_F
ClientSampleId :

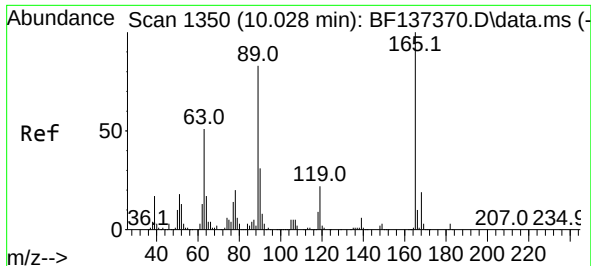
Tgt Ion:138 Resp: 180
Ion Ratio Lower Upper
138 100
108 76.6 8.2 12.2#
92 0.0 102.2 153.2#



#56
4-Nitrophenol
Concen: 5.129 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

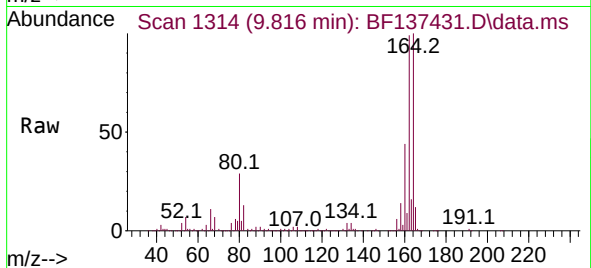
Tgt Ion:139 Resp: 1195
Ion Ratio Lower Upper
139 100
109 67.9 48.0 88.0
65 0.0 82.2 122.2#



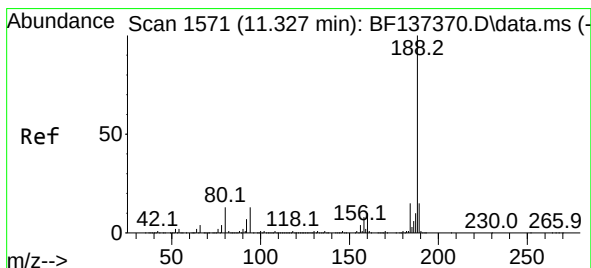
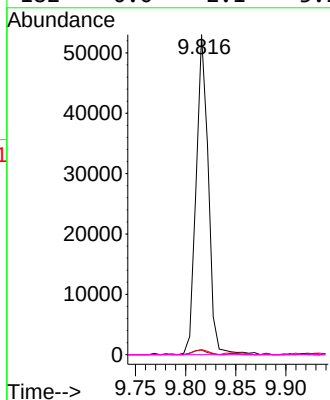
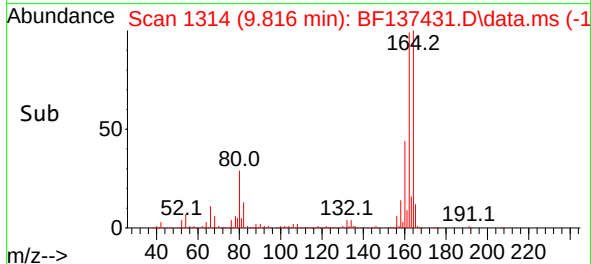


#57
2,4-Dinitrotoluene
Concen: 8.690 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Instrument :
BNA_F
ClientSampleId :

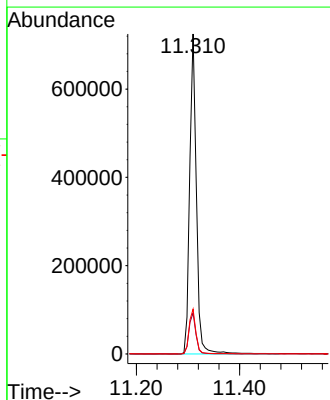
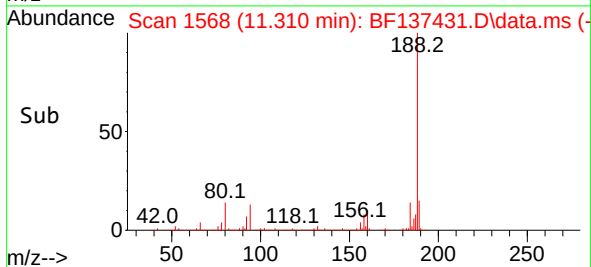
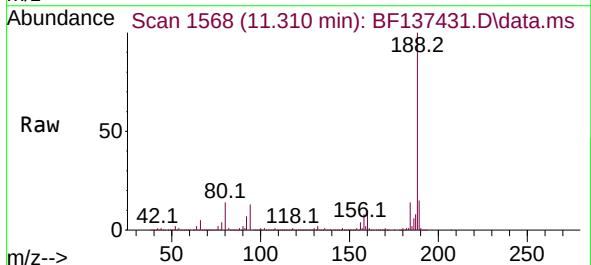


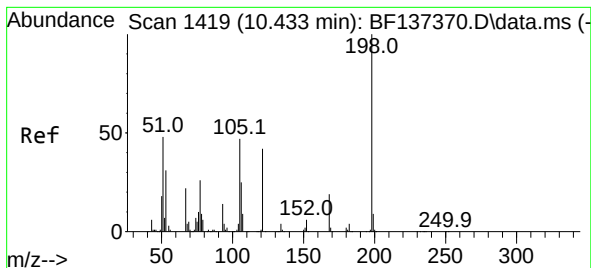
Tgt Ion:165 Resp: 44977
Ion Ratio Lower Upper
165 100
63 1.4 41.1 61.7#
89 1.6 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

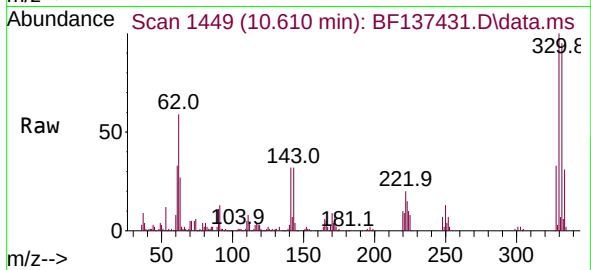
Tgt Ion:188 Resp: 652694
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 14.0 10.7 16.1



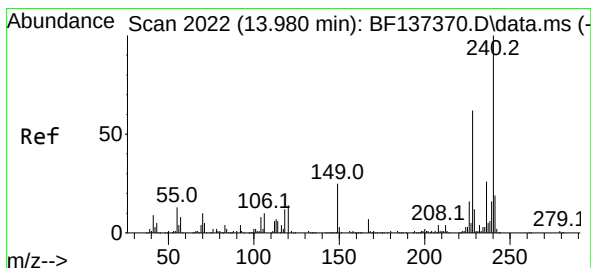
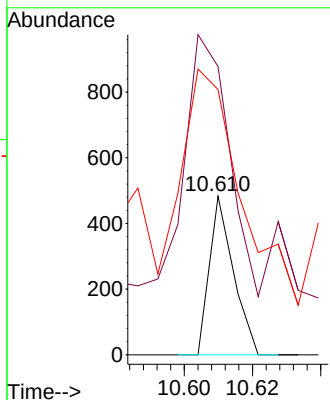
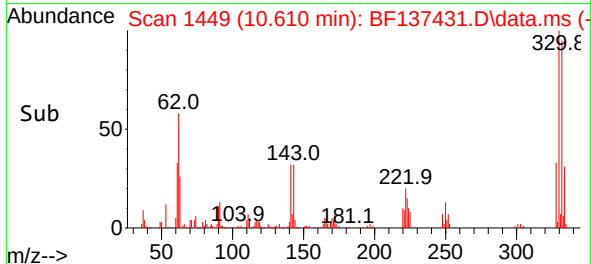


#65
4,6-Dinitro-2-methylphenol
Concen: 4.573 ng
RT: 10.610 min Scan# 1419
Delta R.T. 0.177 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

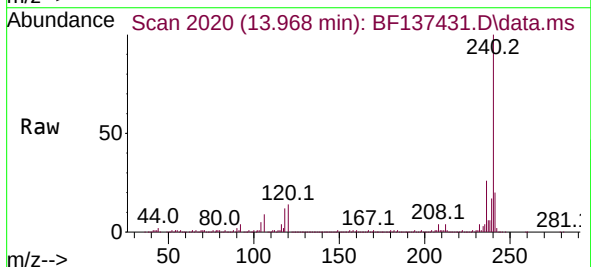
Instrument :
BNA_F
ClientSampleId :



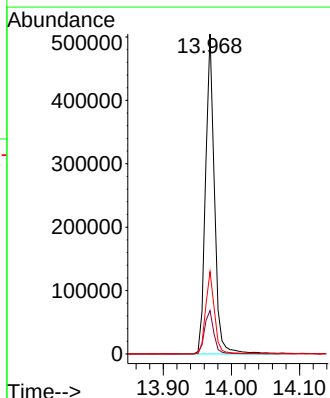
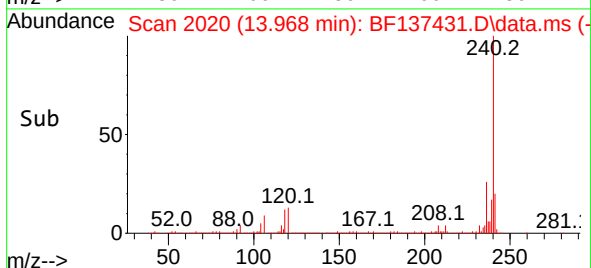
Tgt Ion:198 Resp: 236
Ion Ratio Lower Upper
198 100
51 181.8 36.8 76.8#
105 167.3 28.5 68.5#

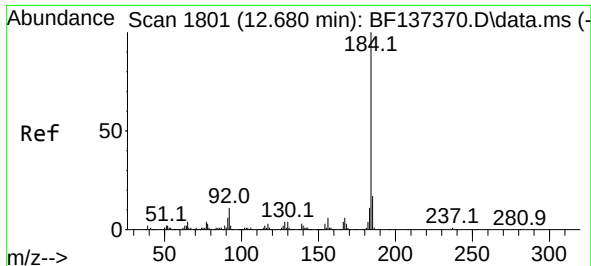


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21



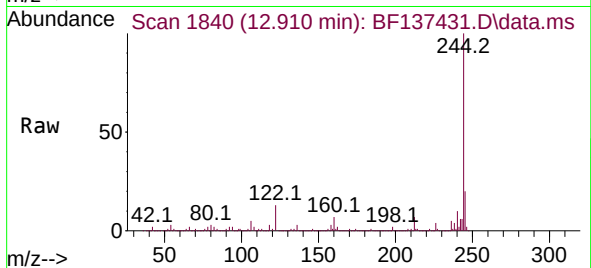
Tgt Ion:240 Resp: 459635
Ion Ratio Lower Upper
240 100
120 13.5 11.3 16.9
236 25.7 20.5 30.7



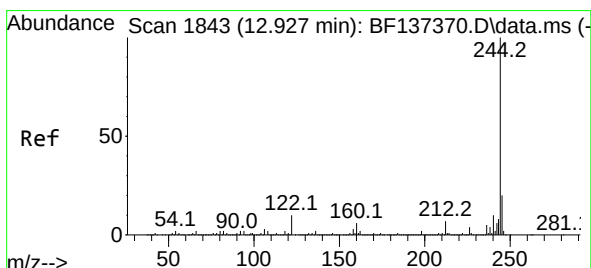
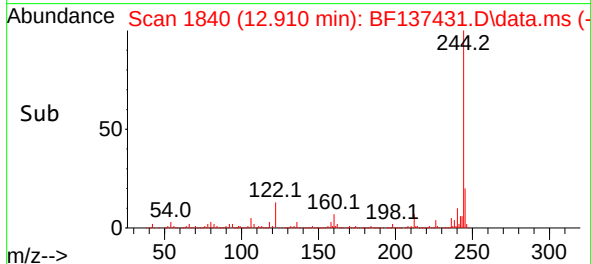
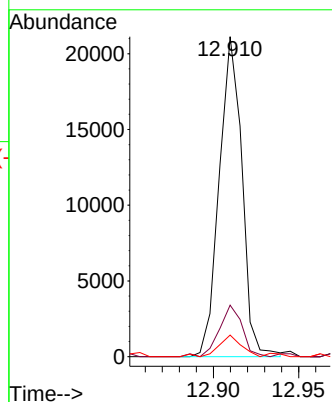


#77
Benzidine
Concen: 9.071 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.230 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Instrument :
BNA_F
ClientSampleId :

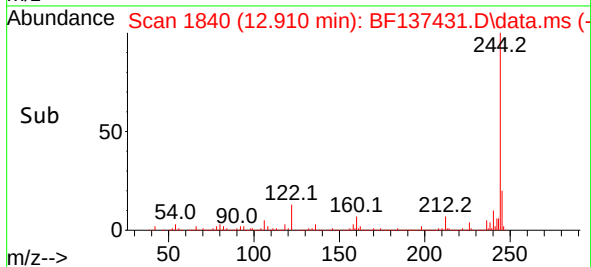
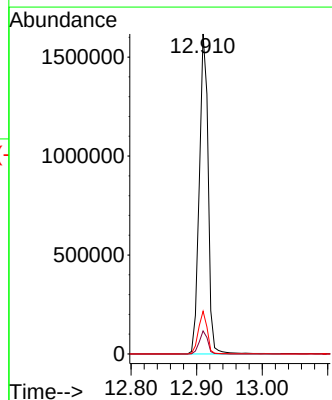
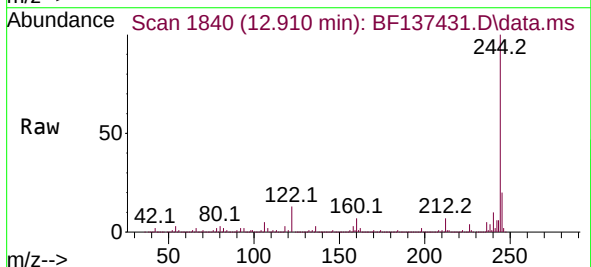


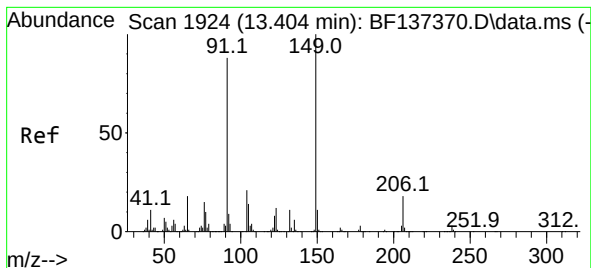
Tgt Ion:184 Resp: 19599
Ion Ratio Lower Upper
184 100
185 16.1 13.7 20.5
183 6.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 46.396 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion:244 Resp: 1524660
Ion Ratio Lower Upper
244 100
212 7.2 5.3 7.9
122 13.3 8.2 12.4#





#80

Butylbenzylphthalate

Concen: 4.499 ng

RT: 13.392 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF137431.D

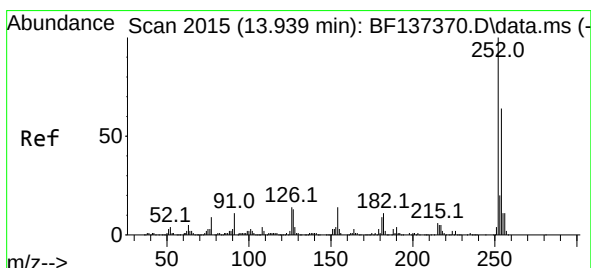
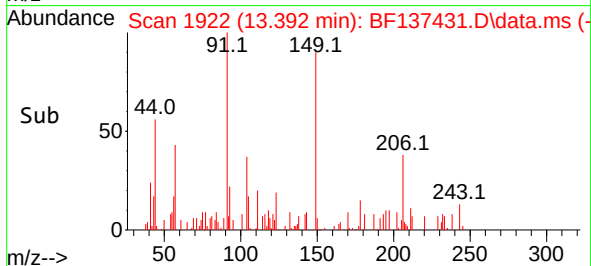
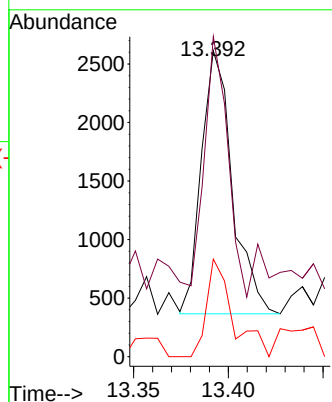
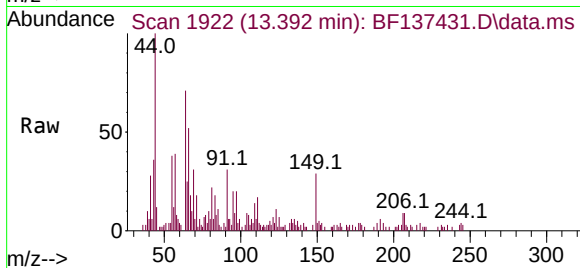
Acq: 28 Feb 2024 19:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	2561
Ion Ratio	Lower	Upper	
149	100		
91	104.6	70.5	105.7
206	31.9	14.8	22.2#



#82

3,3'-Dichlorobenzidine

Concen: 5.064 ng

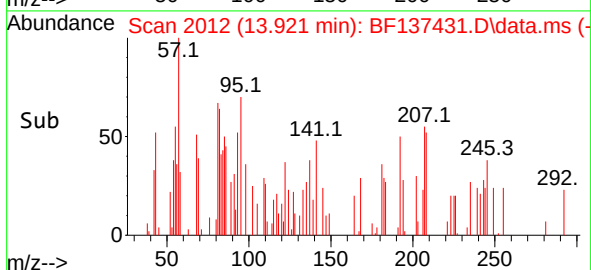
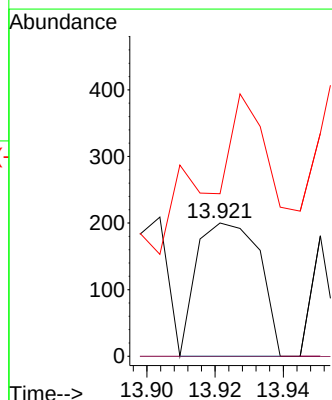
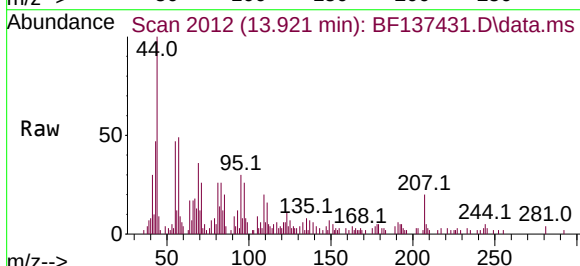
RT: 13.921 min Scan# 2012

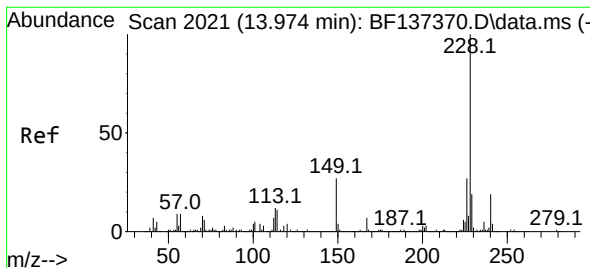
Delta R.T. -0.018 min

Lab File: BF137431.D

Acq: 28 Feb 2024 19:21

Tgt Ion:	252	Resp:	256
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.2	76.8#
126	122.0	11.1	16.7#

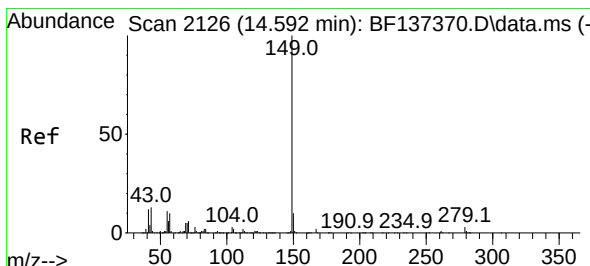
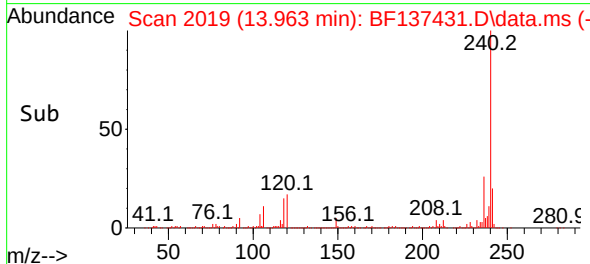
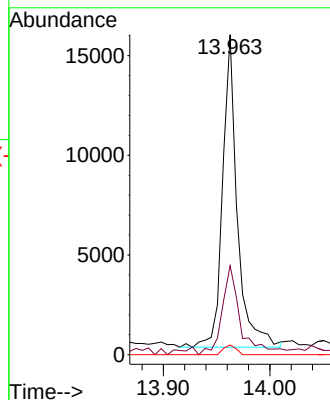
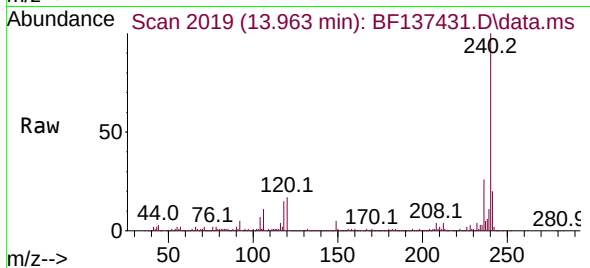




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.193 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

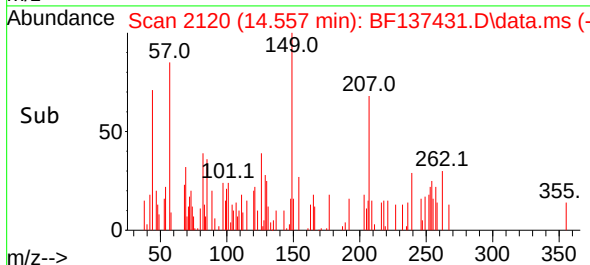
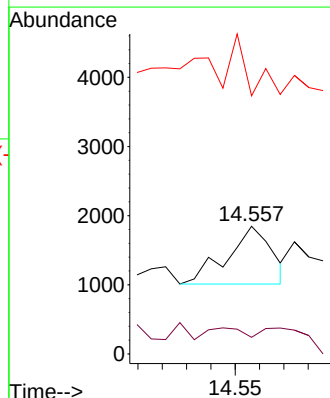
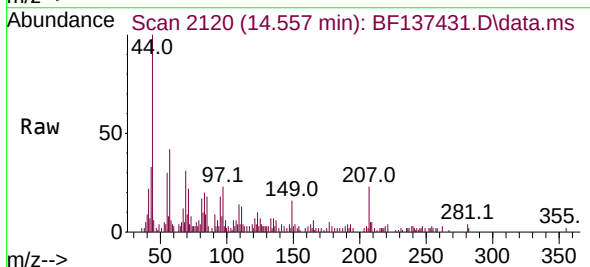
Instrument :
BNA_F
ClientSampleId :

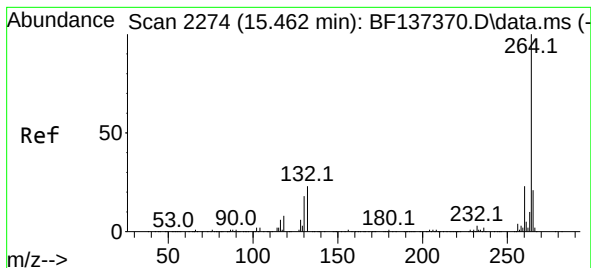
Tgt Ion:149 Resp: 15035
Ion Ratio Lower Upper
149 100
167 27.8 20.6 31.0
279 3.0 2.7 4.1



#85
Di-n-octyl phthalate
Concen: 6.103 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.035 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion:149 Resp: 1054
Ion Ratio Lower Upper
149 100
167 45.3 1.2 1.8#
43 0.0 13.7 20.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.006 min

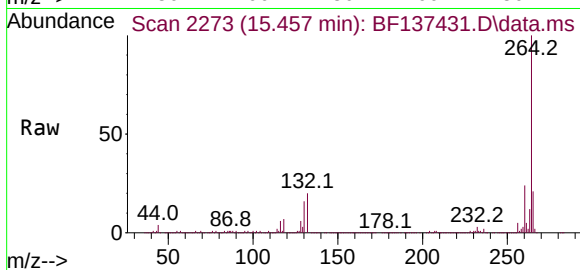
Lab File: BF137431.D

Acq: 28 Feb 2024 19:21

Instrument :

BNA_F

ClientSampleId :



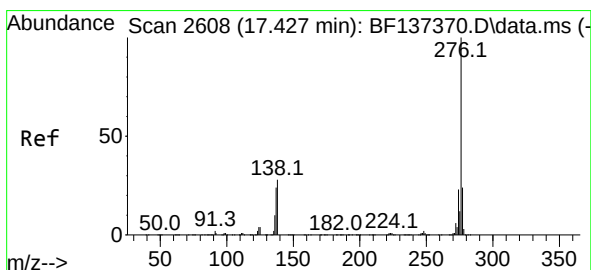
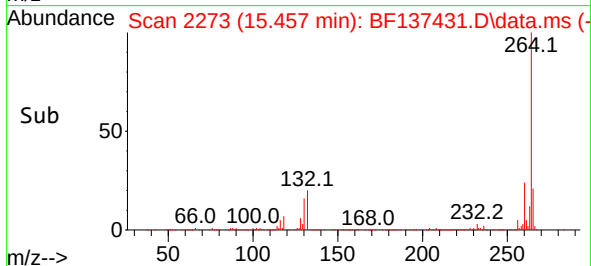
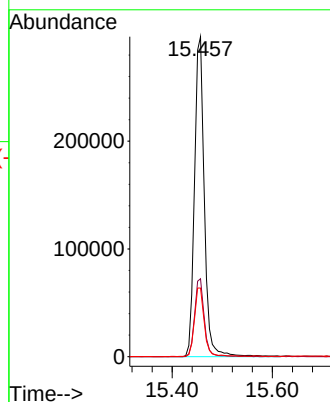
Tgt Ion:264 Resp: 403885

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.5 16.9 25.3



#92

Benzo(g,h,i)perylene

Concen: 2.266 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.012 min

Lab File: BF137431.D

Acq: 28 Feb 2024 19:21

Tgt Ion:276 Resp: 4869

Ion Ratio Lower Upper

276 100

277 26.6 19.0 28.4

138 28.7 22.6 33.8

