

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137425.D
 Acq On : 28 Feb 2024 16:22
 Operator : CG\JU
 Sample : PB159325BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 17:03:18 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)

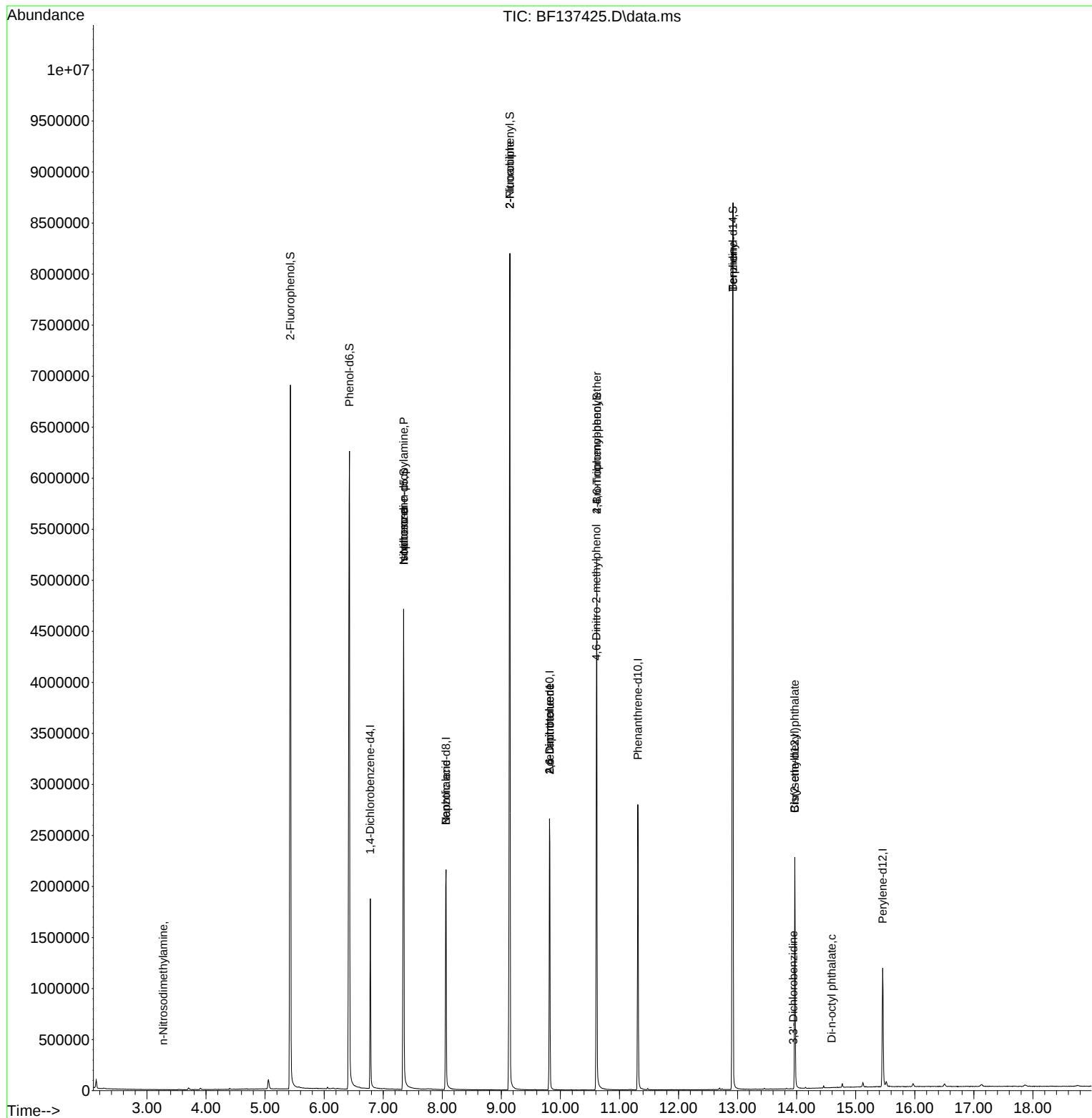
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	263056	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1057875	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	569133	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	1038400	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	712533	20.000	ng	-0.01
86) Perylene-d12	15.457	264	527205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2113513	123.974	ng	0.00
7) Phenol-d6	6.428	99	2928654	116.782	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1912362	90.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	610350	123.153	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2961563	81.013	ng	-0.01
79) Terphenyl-d14	12.922	244	3518891	69.075	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.275	42	195	5.126	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	253256	16.388	ng	# 83
25) Isophorone	7.345	82	1908068	43.544	ng	# 69
32) Benzoic acid	8.063	122	151	6.964	ng	# 1
48) 2-Nitroaniline	9.145	65	5189	4.741	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	73223	10.008	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	73315	8.814	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	1351	4.747	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	41633	3.729	ng	# 1
77) Benzidine	12.922	184	41283	9.837	ng	# 93
82) 3,3'-Dichlorobenzidine	13.945	252	75	5.039	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.969	149	638	4.142	ng	# 1
85) Di-n-octyl phthalate	14.592	149	649	6.038	ng	# 1

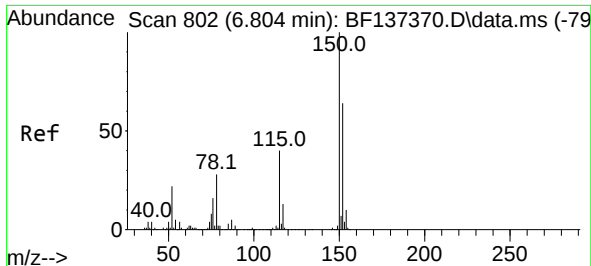
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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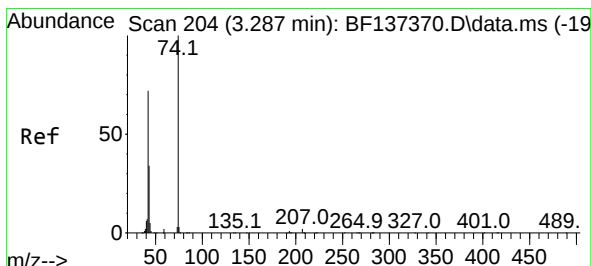
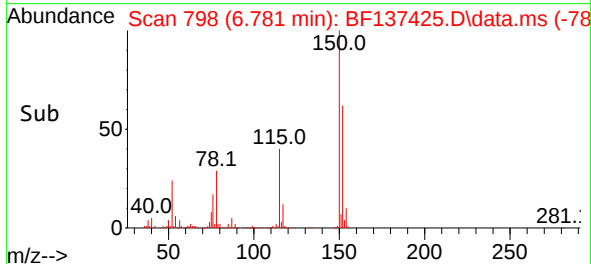
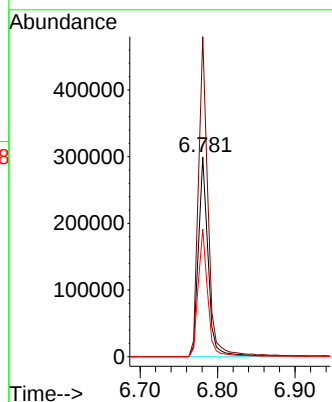
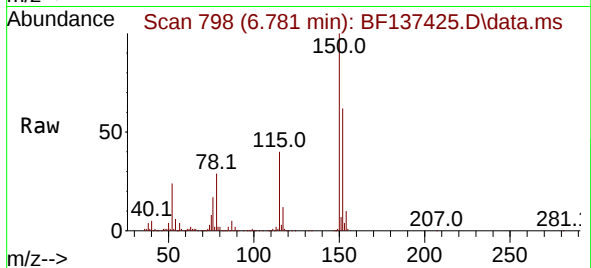




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

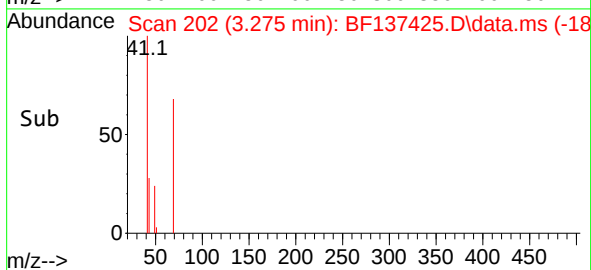
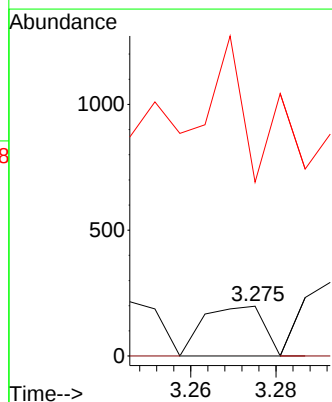
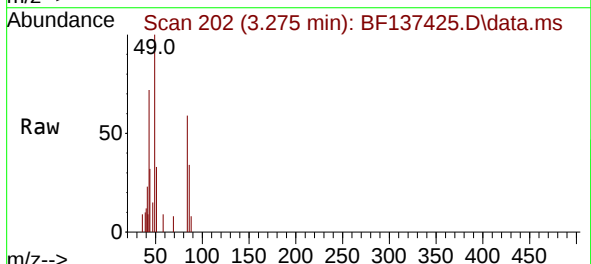
Instrument :
BNA_F
ClientSampleId :

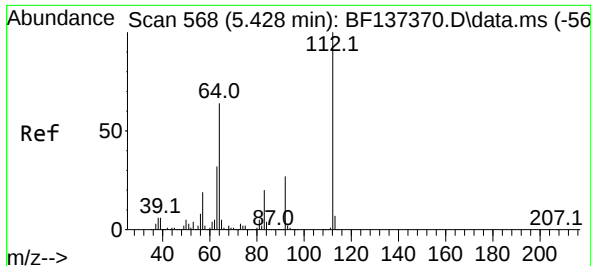
Tgt Ion:152 Resp: 263056
Ion Ratio Lower Upper
152 100
150 160.4 125.7 188.5
115 63.9 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.126 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.012 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion: 42 Resp: 195
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 349.0 6.0 9.0#

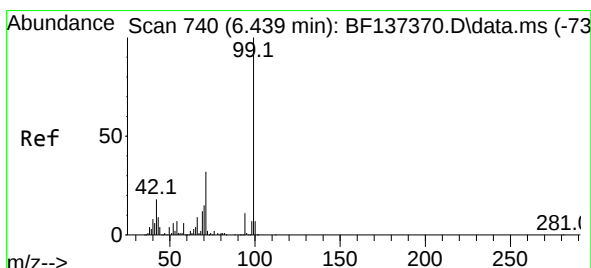
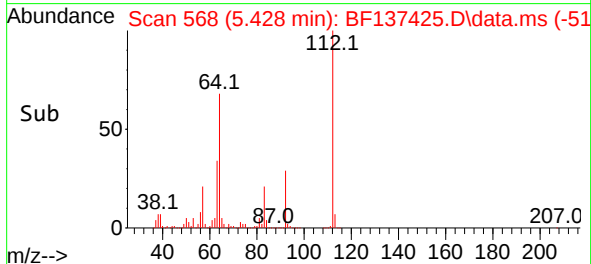
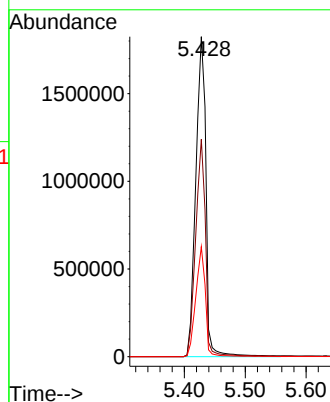
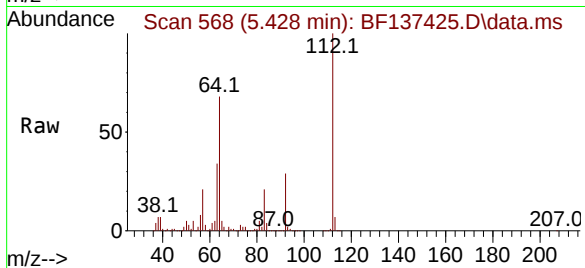




#5
2-Fluorophenol
Concen: 123.974 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

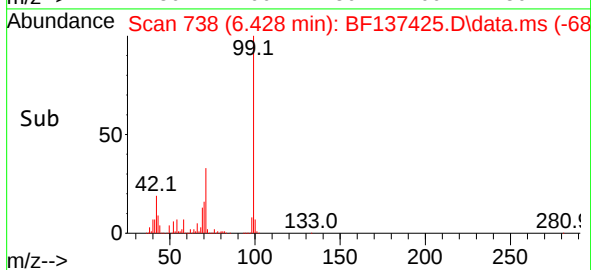
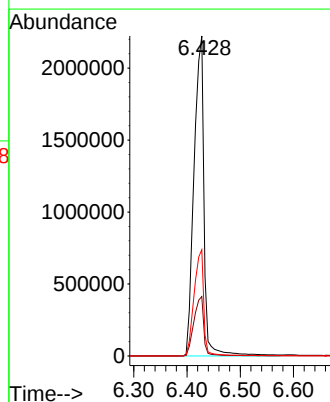
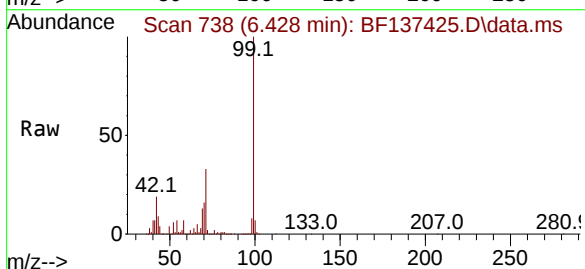
Instrument :
BNA_F
ClientSampleId :

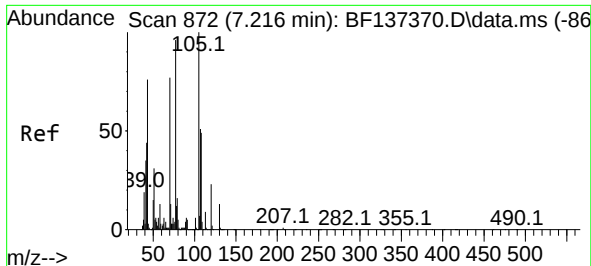
Tgt Ion:112 Resp: 2113513
Ion Ratio Lower Upper
112 100
64 67.9 51.0 76.6
63 34.3 25.7 38.5



#7
Phenol-d6
Concen: 116.782 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

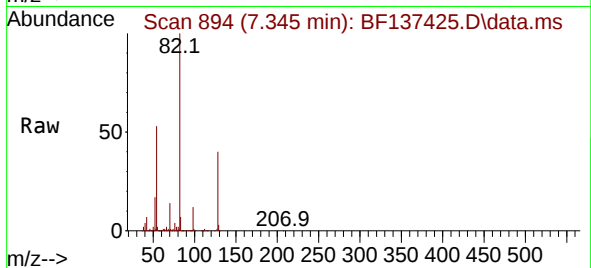
Tgt Ion: 99 Resp: 2928654
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 33.2 25.2 37.8



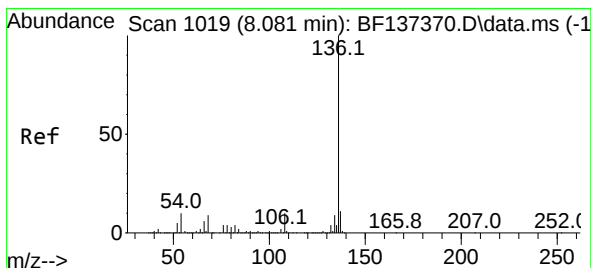
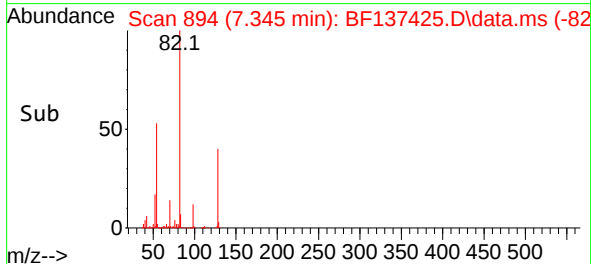
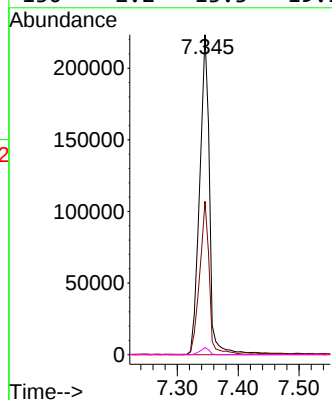


#19
n-Nitroso-di-n-propylamine
Concen: 16.388 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.130 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Instrument :
BNA_F
ClientSampleId :

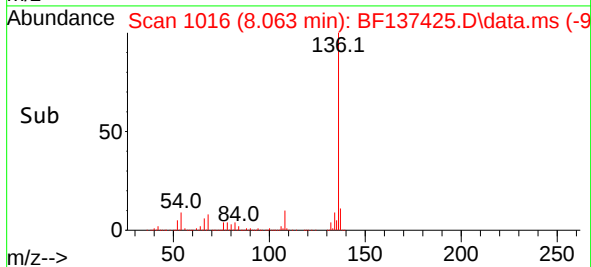
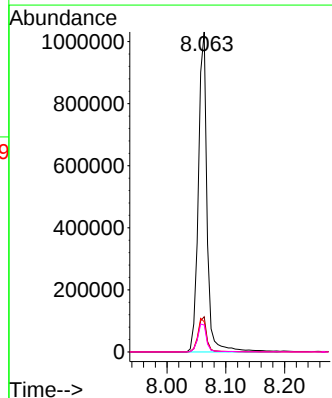
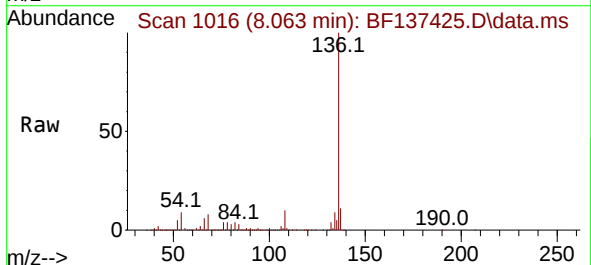


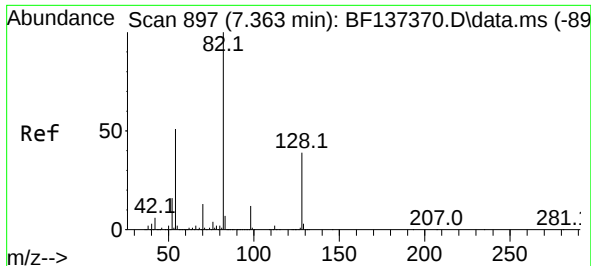
Tgt Ion: 70 Resp: 253256
Ion Ratio Lower Upper
70 100
42 48.0 45.3 67.9
101 0.0 6.5 9.7#
130 2.2 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion: 136 Resp: 1057875
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.8 11.6
68 8.4 7.0 10.4





#23

Nitrobenzene-d5

Concen: 90.250 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

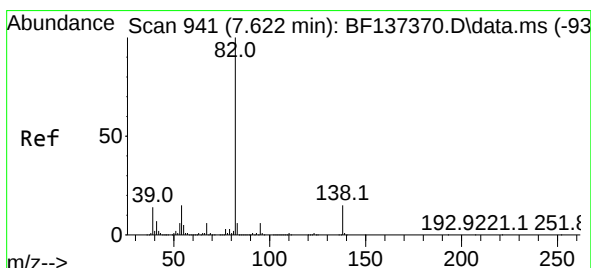
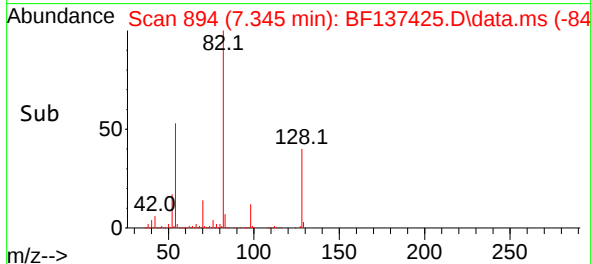
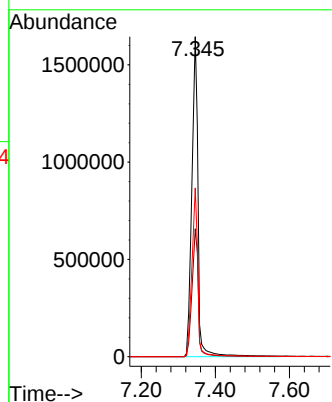
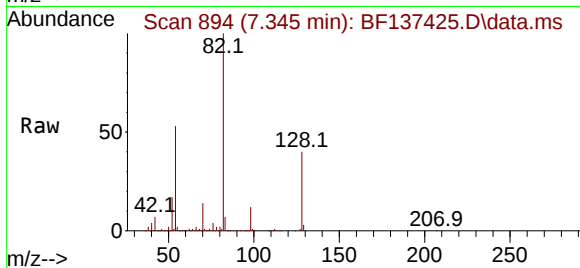
Tgt Ion: 82 Resp: 1912362

Ion Ratio Lower Upper

82 100

128 40.0 30.8 46.2

54 52.7 40.8 61.2



#25

Isophorone

Concen: 43.544 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.276 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

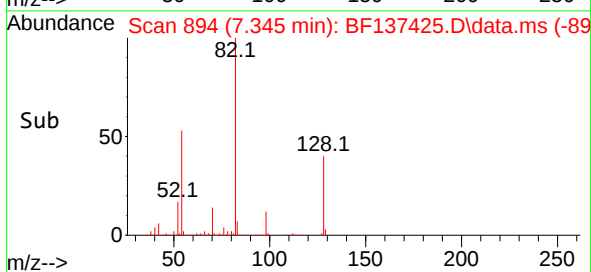
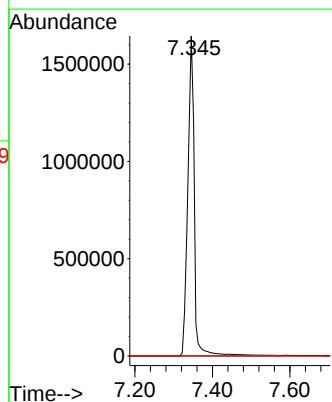
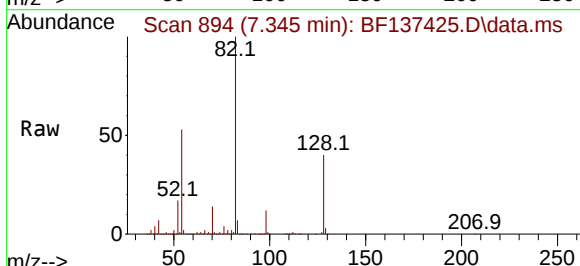
Tgt Ion: 82 Resp: 1908068

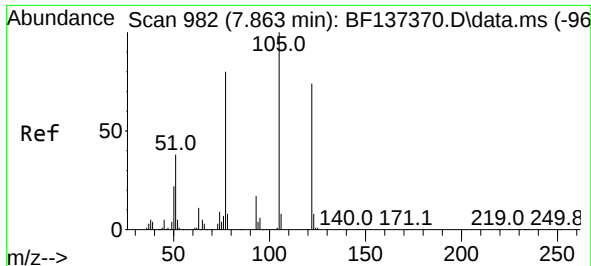
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.4#

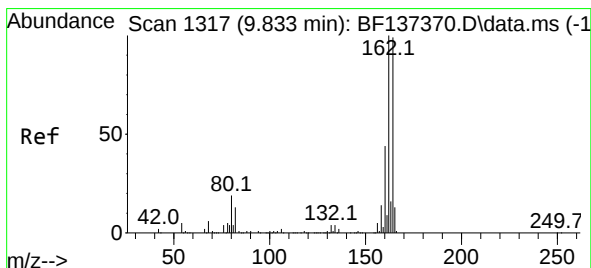
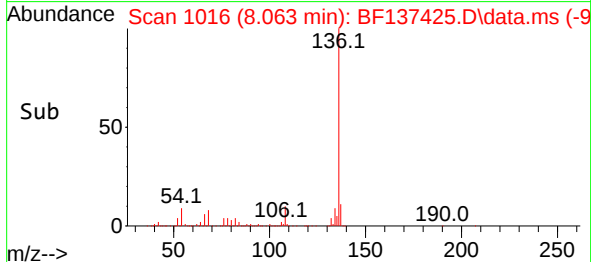
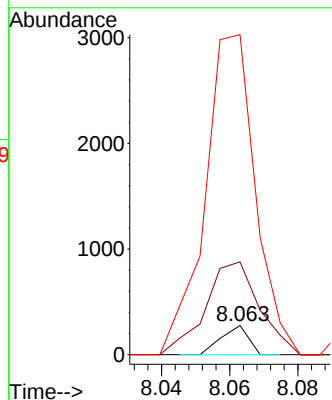
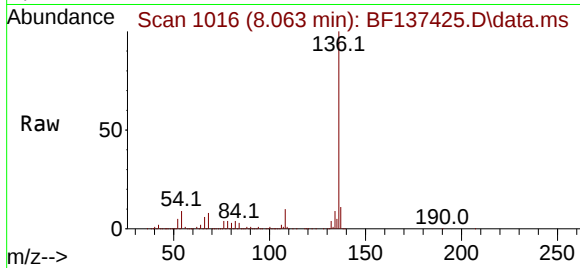




#32
Benzoic acid
Concen: 6.964 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.200 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

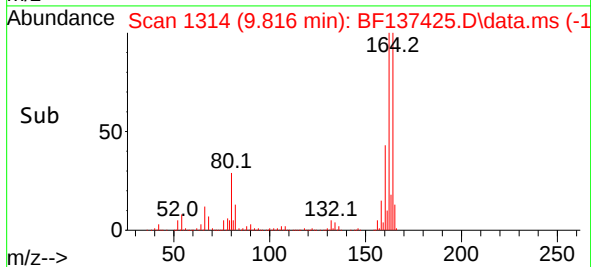
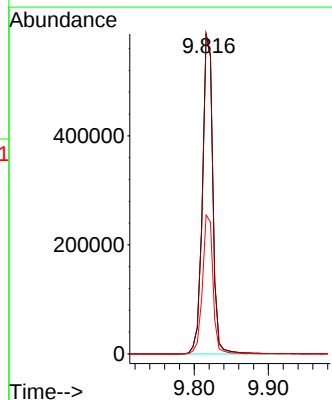
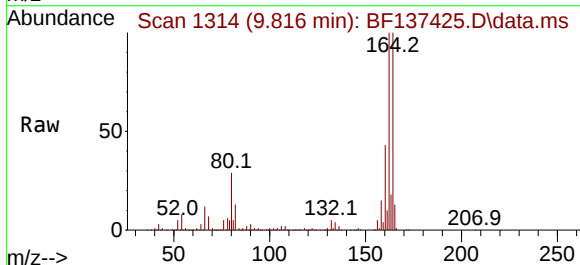
Instrument :
BNA_F
ClientSampleId :

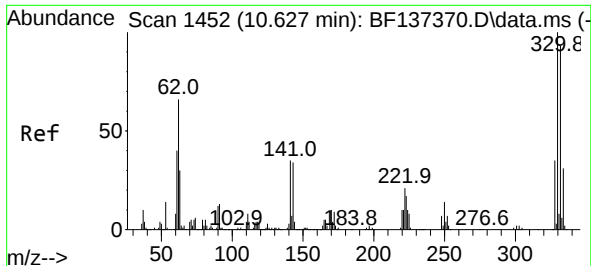
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 319.3 101.1 141.1#
77 1101.5 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion:164 Resp: 569133
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 43.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 123.153 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

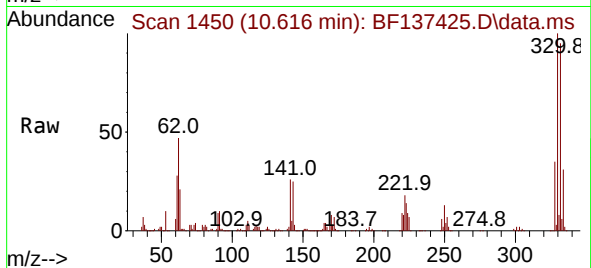
Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :



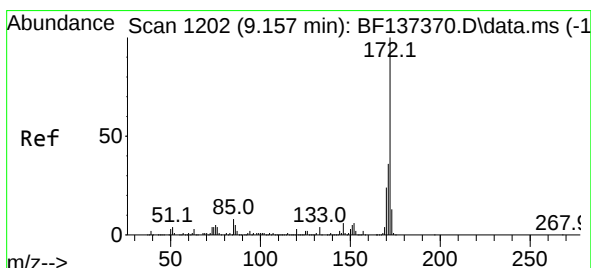
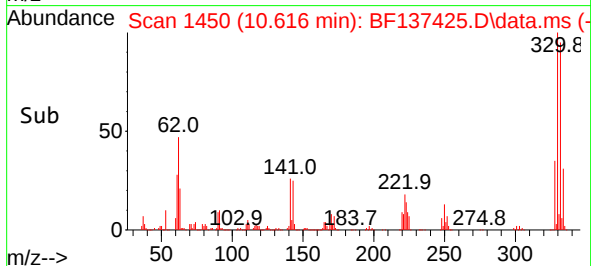
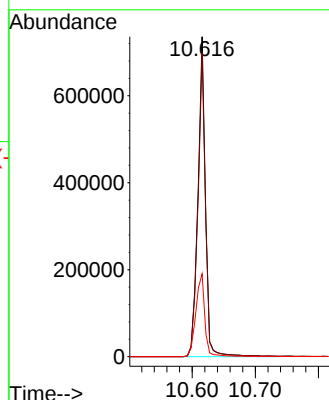
Tgt Ion:330 Resp: 610350

Ion Ratio Lower Upper

330 100

332 95.9 75.6 113.4

141 31.2 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 81.013 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

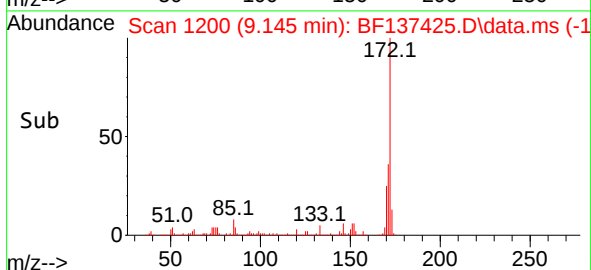
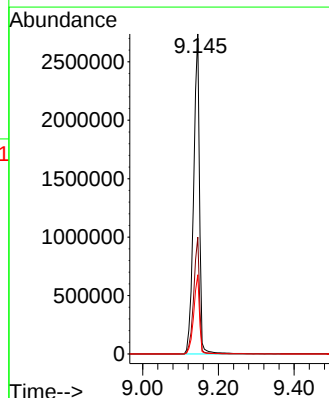
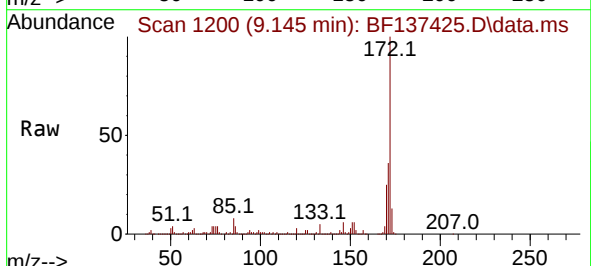
Tgt Ion:172 Resp: 2961563

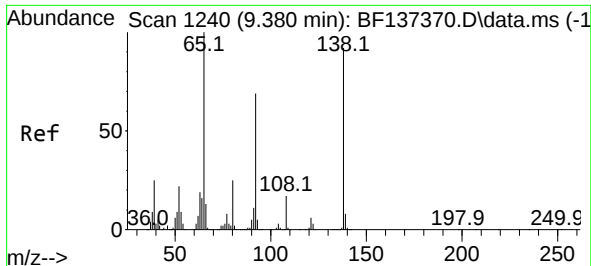
Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.7 19.5 29.3

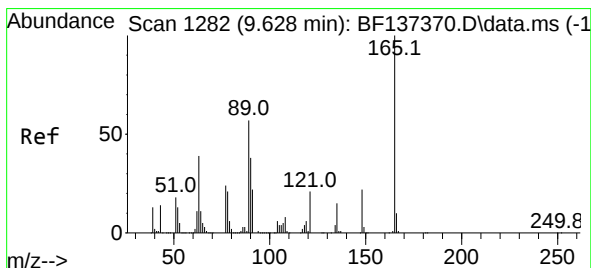
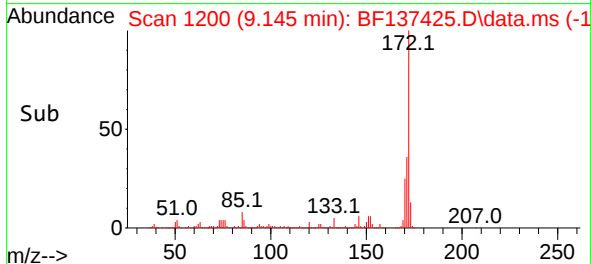
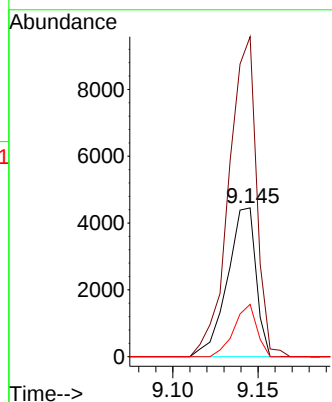
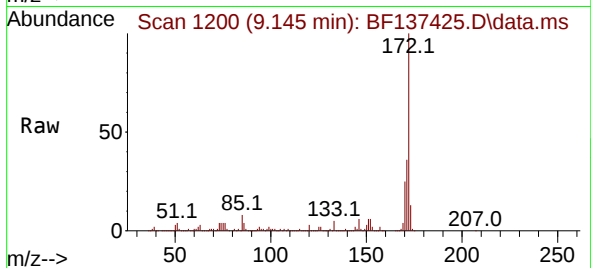




#48
2-Nitroaniline
Concen: 4.741 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

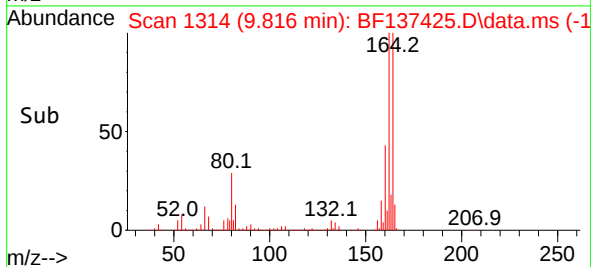
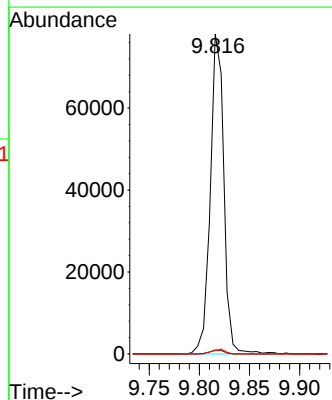
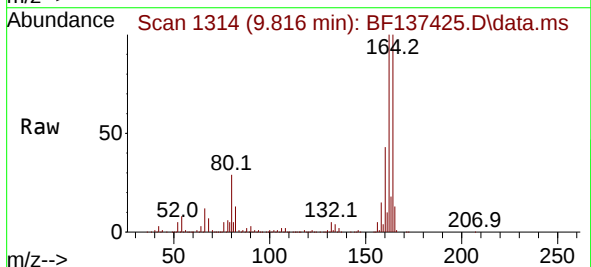
Instrument :
BNA_F
ClientSampleId :

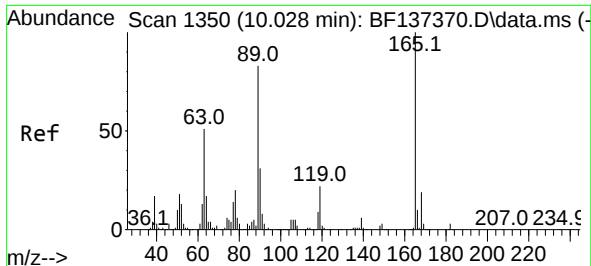
Tgt Ion: 65 Resp: 5189
Ion Ratio Lower Upper
65 100
92 214.9 55.0 82.6#
138 35.1 73.7 110.5#



#51
2,6-Dinitrotoluene
Concen: 10.008 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

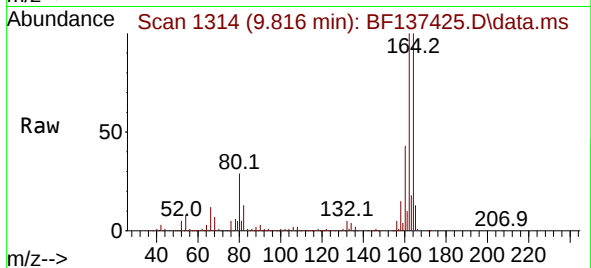
Tgt Ion:165 Resp: 73223
Ion Ratio Lower Upper
165 100
63 1.3 41.6 62.4#
89 1.0 45.8 68.6#



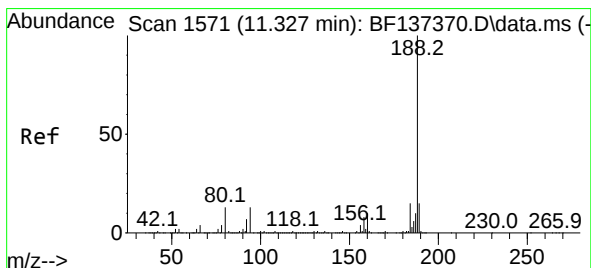
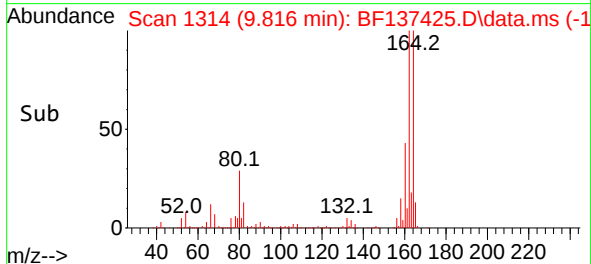
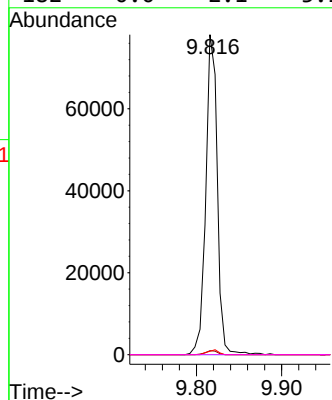


#57
2,4-Dinitrotoluene
Concen: 8.814 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Instrument :
BNA_F
ClientSampleId :

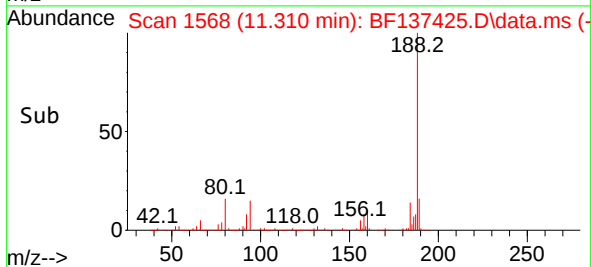
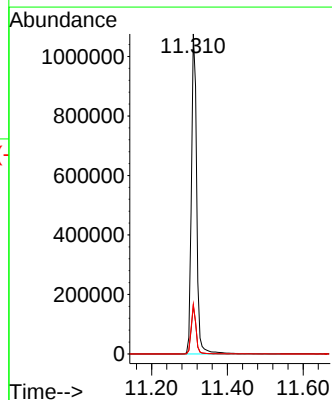
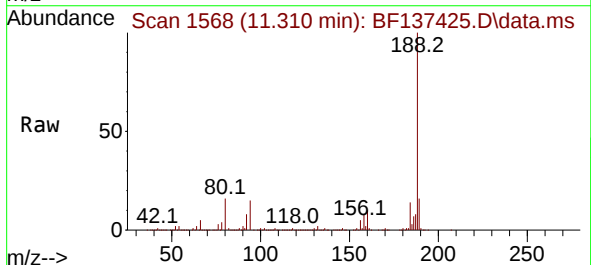


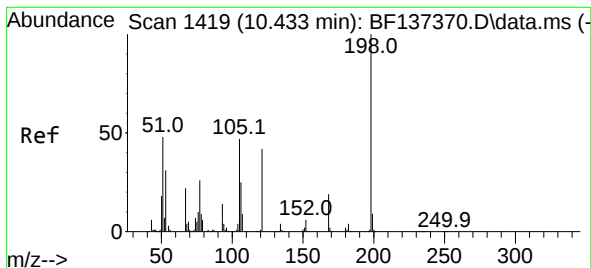
Tgt Ion:165 Resp: 73315
Ion Ratio Lower Upper
165 100
63 1.3 41.1 61.7#
89 1.0 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion:188 Resp: 1038400
Ion Ratio Lower Upper
188 100
94 15.1 10.2 15.2
80 15.5 10.7 16.1

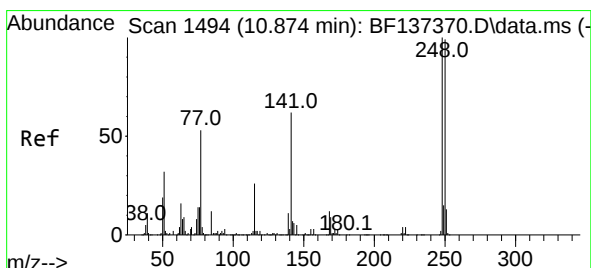
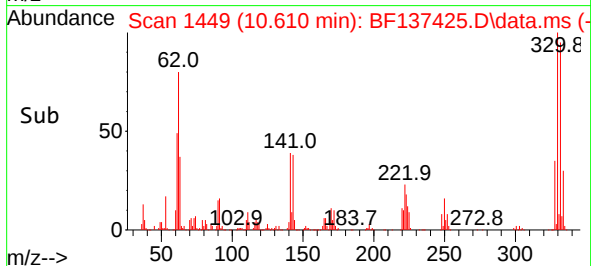
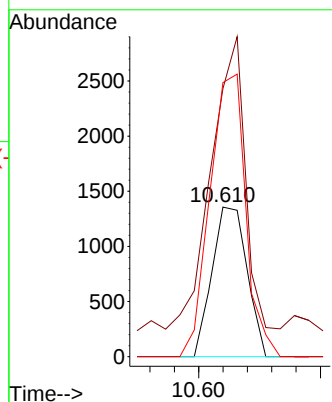
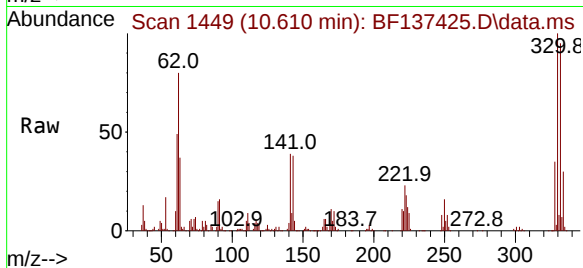




#65
4,6-Dinitro-2-methylphenol
Concen: 4.747 ng
RT: 10.610 min Scan# 1419
Delta R.T. 0.177 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

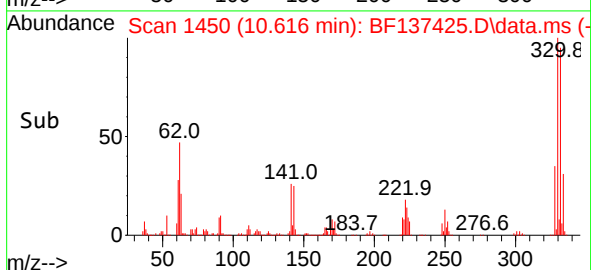
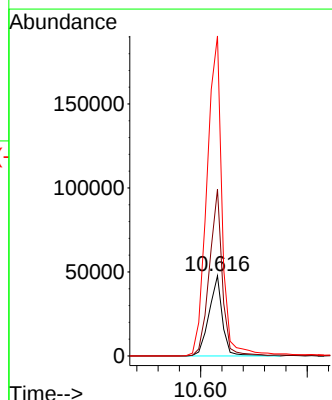
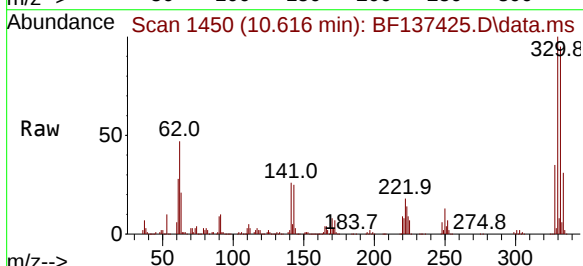
Instrument :
BNA_F
ClientSampleId :

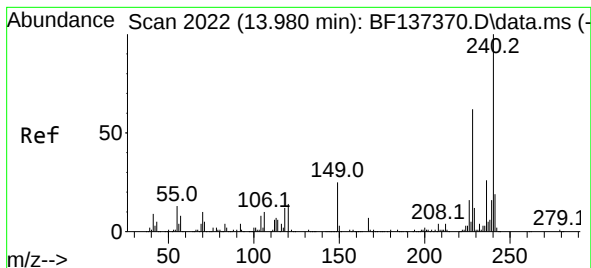
Tgt Ion:198 Resp: 1351
Ion Ratio Lower Upper
198 100
51 179.1 36.8 76.8#
105 183.1 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 3.729 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.259 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion:248 Resp: 41633
Ion Ratio Lower Upper
248 100
250 208.1 79.0 118.6#
141 399.3 49.9 74.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.012 min

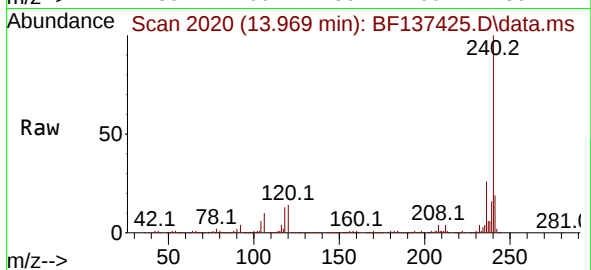
Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :



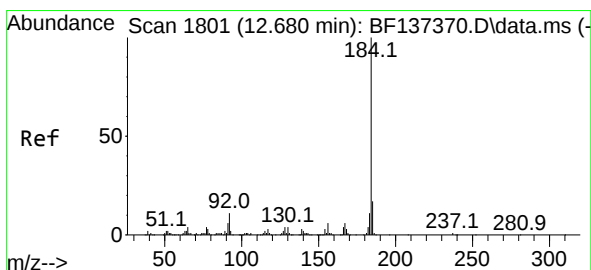
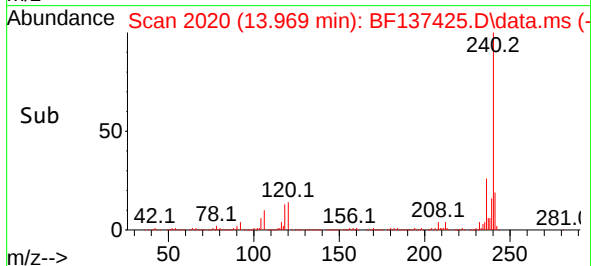
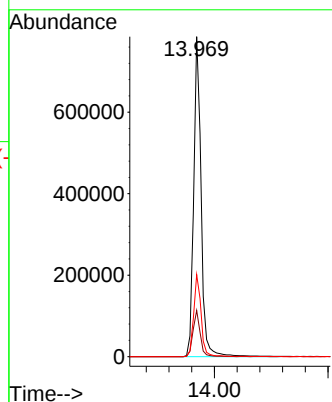
Tgt Ion:240 Resp: 712533

Ion Ratio Lower Upper

240 100

120 14.4 11.3 16.9

236 25.7 20.5 30.7



#77

Benzidine

Concen: 9.837 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.242 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

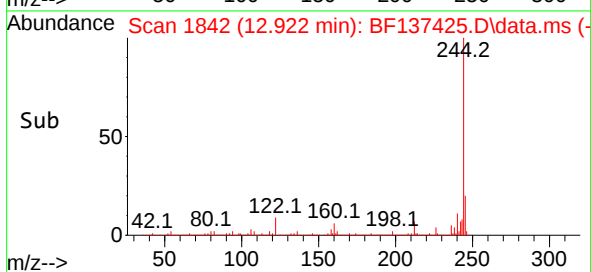
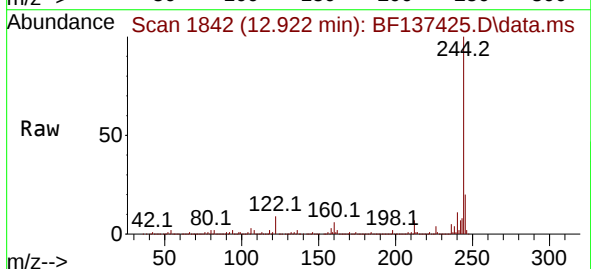
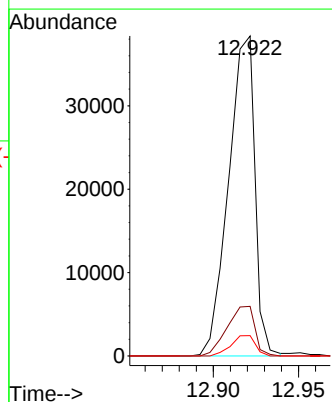
Tgt Ion:184 Resp: 41283

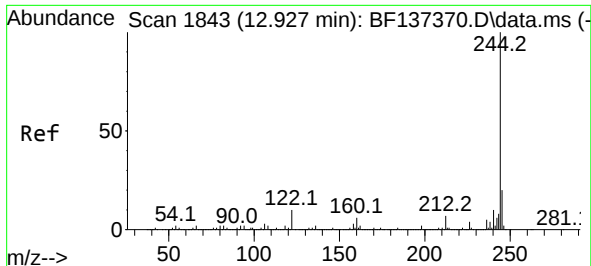
Ion Ratio Lower Upper

184 100

185 15.5 13.7 20.5

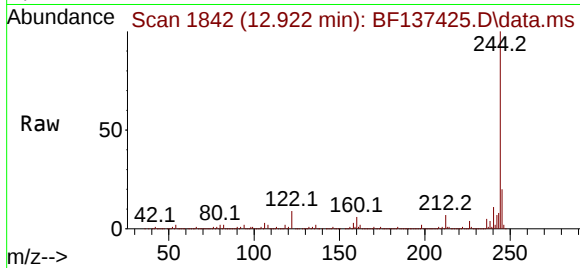
183 6.3 8.8 13.2#



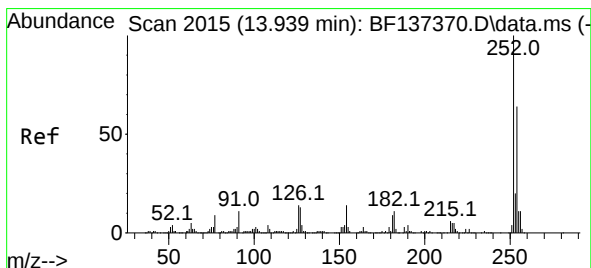
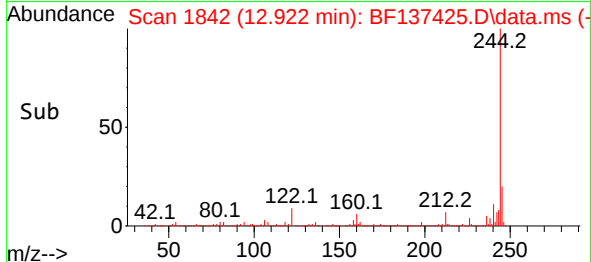
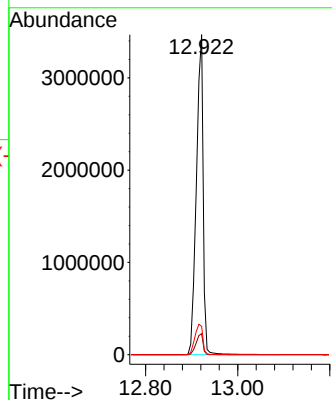


#79
 Terphenyl-d14
 Concen: 69.075 ng
 RT: 12.922 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

Instrument :
 BNA_F
 ClientSampleId :

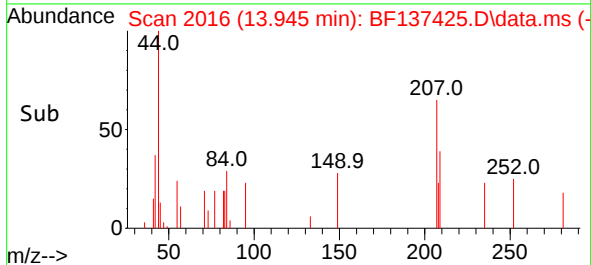
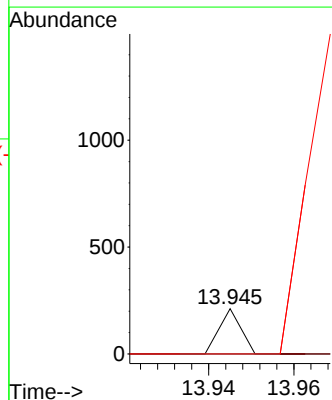
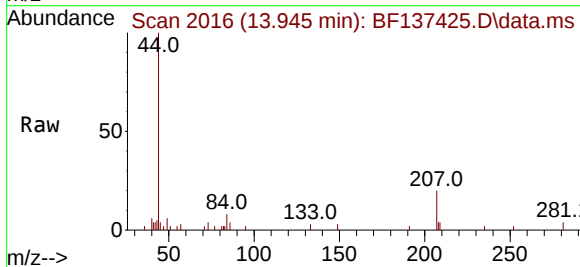


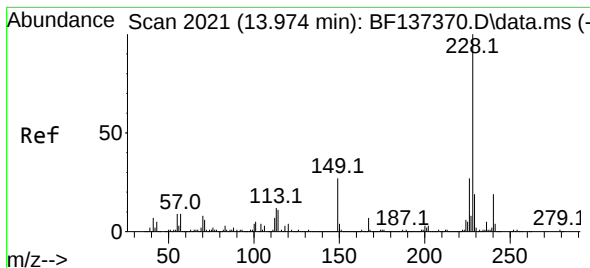
Tgt Ion:244 Resp: 3518891
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 8.9 8.2 12.4



#82
 3,3'-Dichlorobenzidine
 Concen: 5.039 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

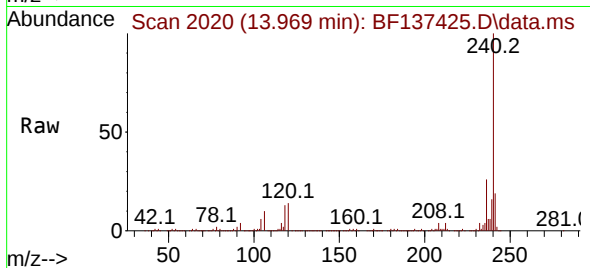
Tgt Ion:252 Resp: 75
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 11.1 16.7#



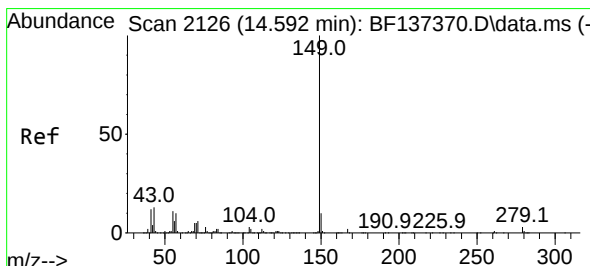
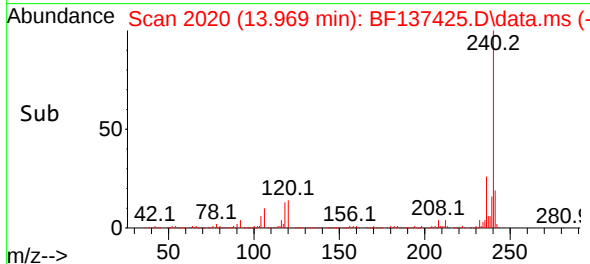
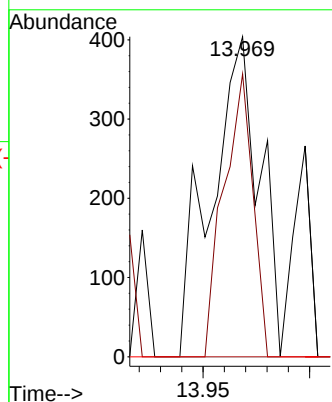


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.142 ng
 RT: 13.969 min Scan# 2021
 Delta R.T. -0.005 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

Instrument :
 BNA_F
 ClientSampleId :

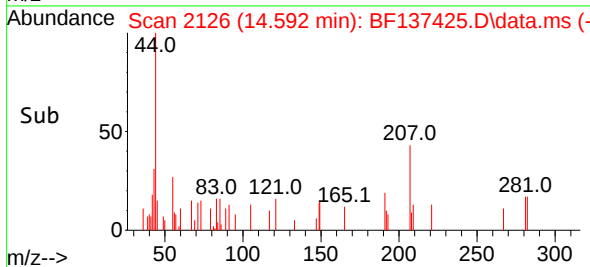
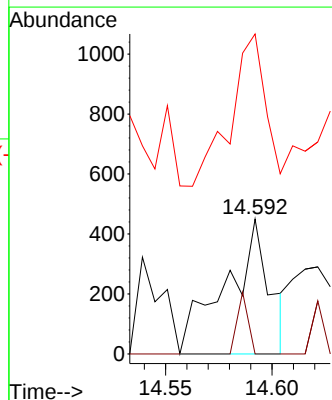
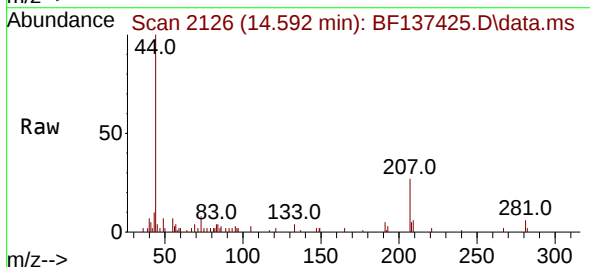


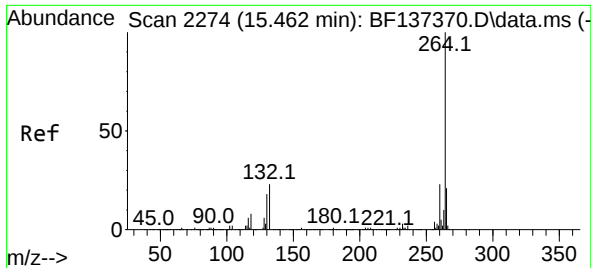
Tgt Ion:149 Resp: 638
 Ion Ratio Lower Upper
 149 100
 167 88.4 20.6 31.0#
 279 0.0 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 6.038 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

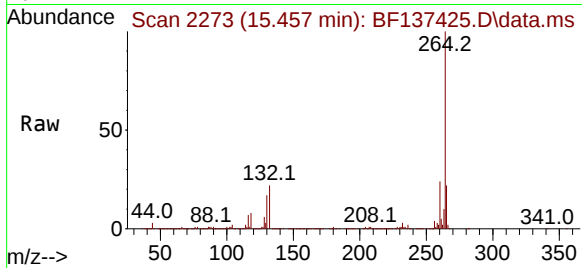
Tgt Ion:149 Resp: 649
 Ion Ratio Lower Upper
 149 100
 167 11.2 1.2 1.8#
 43 89.5 13.7 20.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 527205
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 21.9 16.9 25.3

