

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137422.D
 Acq On : 28 Feb 2024 14:54
 Operator : CG\JU
 Sample : PB159308BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 15:14:19 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)

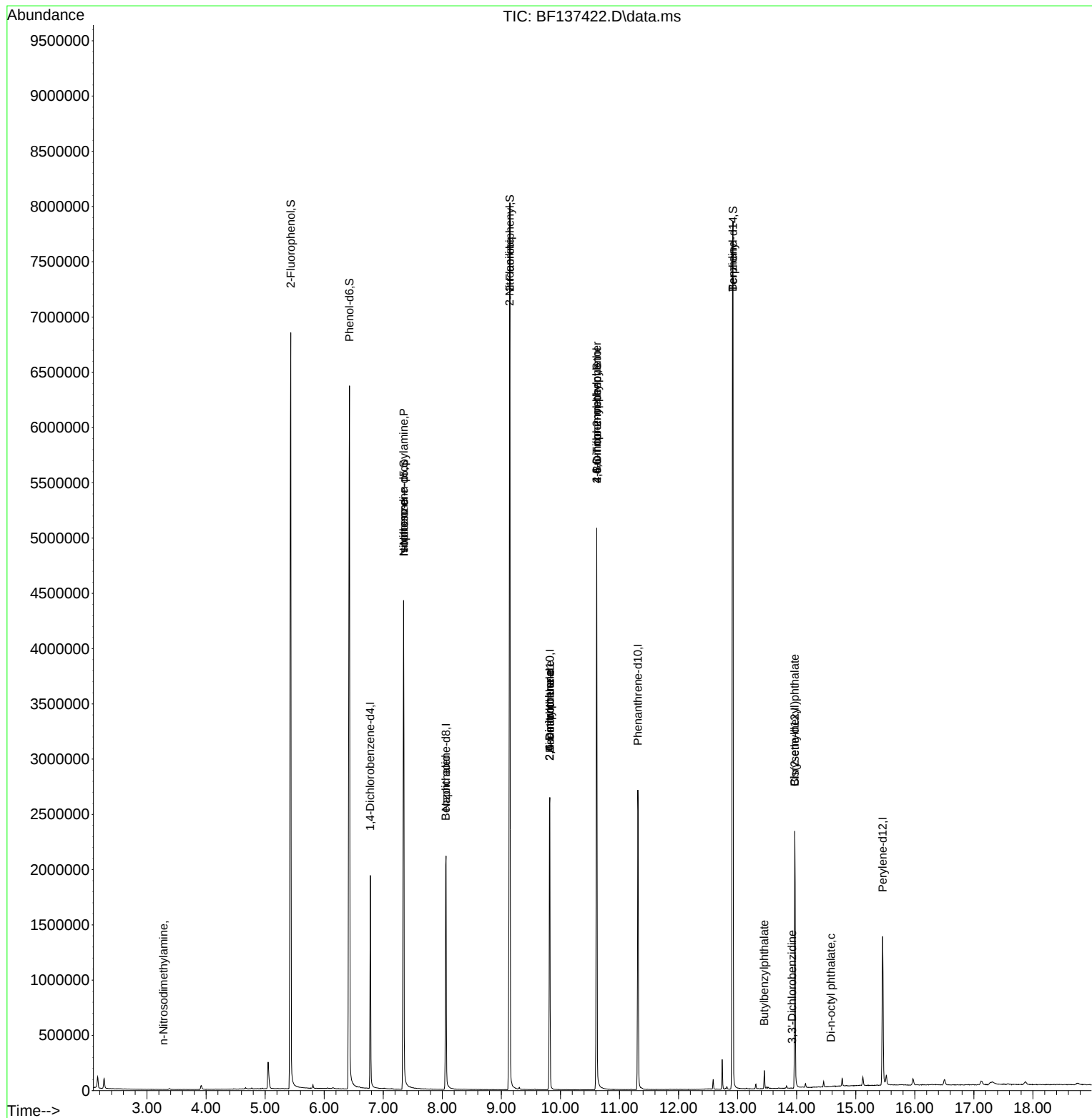
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	274577	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1073657	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	588964	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	1046586	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	769249	20.000	ng	-0.01
86) Perylene-d12	15.456	264	617246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2092356	117.583	ng	0.00
7) Phenol-d6	6.428	99	2882247	110.109	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1831330	85.156	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	627995	122.447	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2819753	74.536	ng	-0.01
79) Terphenyl-d14	12.921	244	3388840	61.617	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.281	42	462	5.151	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	240795	14.928	ng	# 82
25) Isophorone	7.345	82	1827912	41.101	ng	# 69
32) Benzoic acid	8.057	122	179	6.966	ng	# 1
48) 2-Nitroaniline	9.139	65	5175	4.723	ng	# 1
50) Dimethylphthalate	9.822	163	116695	2.867	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	74710	9.868	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	74710	8.695	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	1362	4.747	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	43693	3.883	ng	# 1
77) Benzidine	12.915	184	39813	9.528	ng	# 94
80) Butylbenzylphthalate	13.451	149	168	4.001	ng	# 90
82) 3,3'-Dichlorobenzidine	13.921	252	55	5.037	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.968	149	684	4.142	ng	# 1
85) Di-n-octyl phthalate	14.580	149	759	6.041	ng	# 63

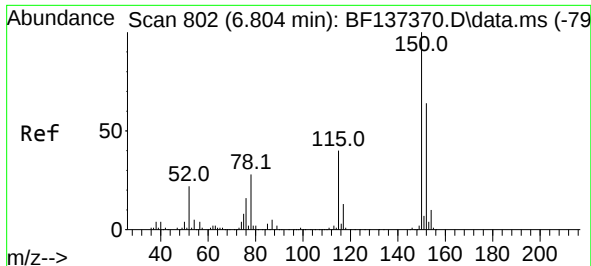
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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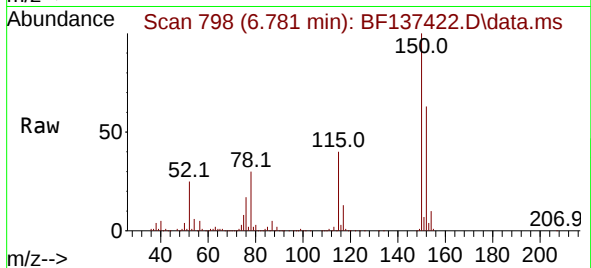
Quant Time: Feb 28 15:14:19 2024
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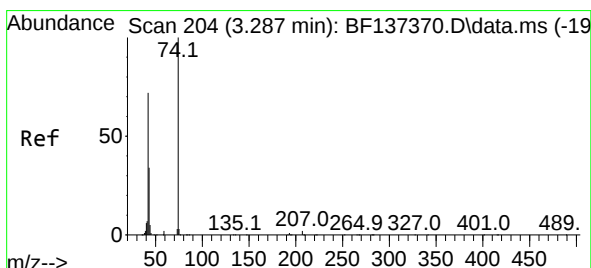
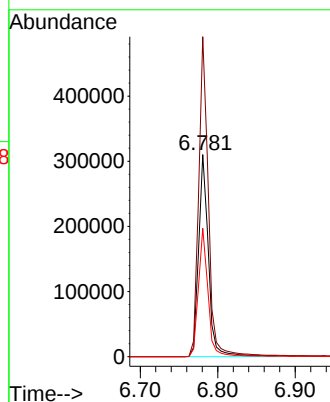
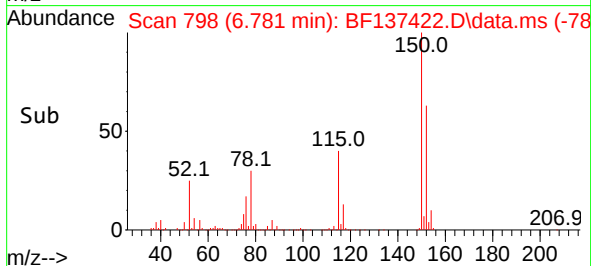


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.023 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Instrument :
BNA_F
ClientSampleId :

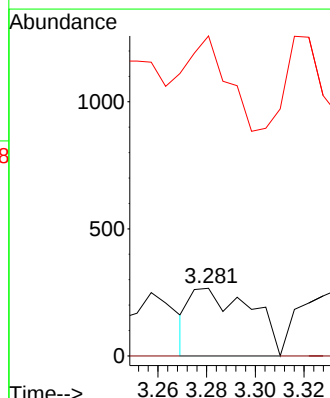
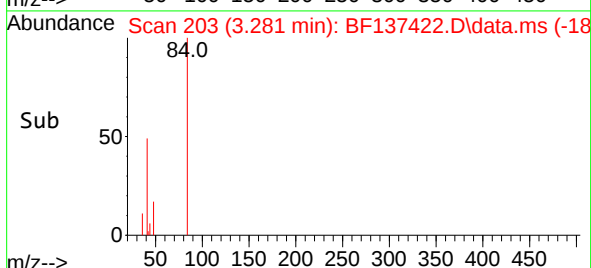
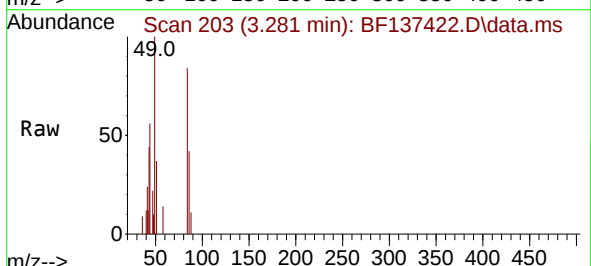


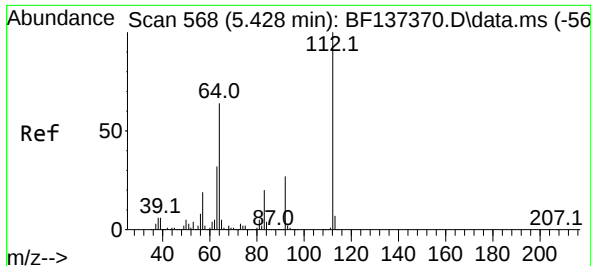
Tgt Ion:152 Resp: 274577
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 63.5 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.151 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

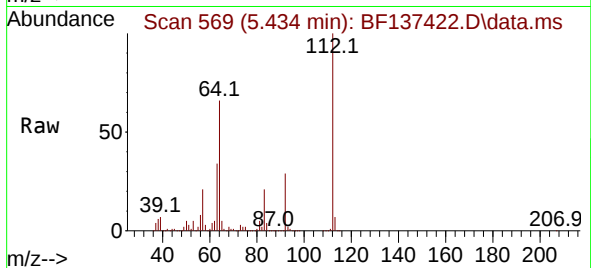
Tgt Ion: 42 Resp: 462
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 473.3 6.0 9.0#



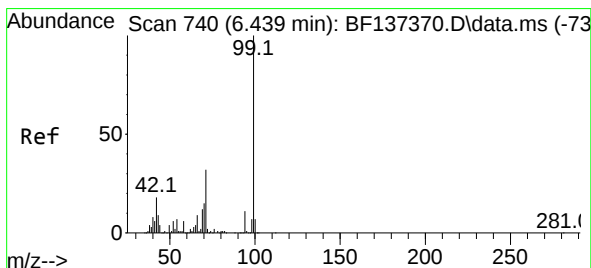
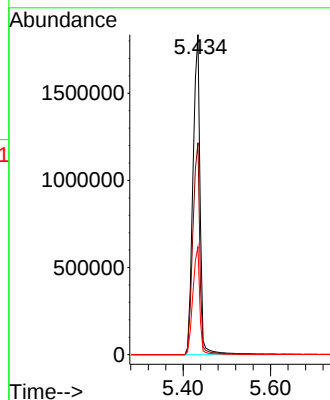
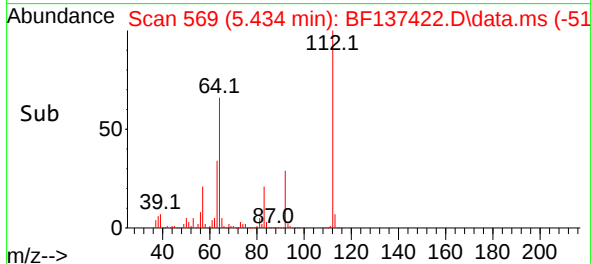


#5
2-Fluorophenol
Concen: 117.583 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Instrument :
BNA_F
ClientSampleId :

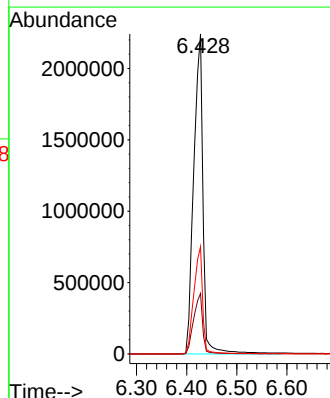
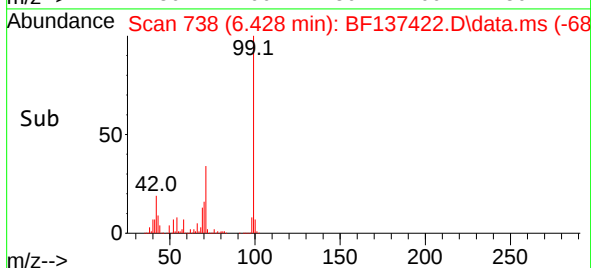
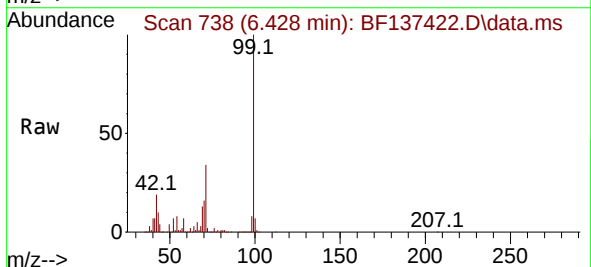


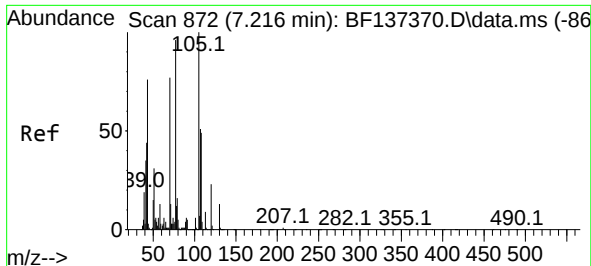
Tgt Ion:112 Resp: 2092356
Ion Ratio Lower Upper
112 100
64 66.3 51.0 76.6
63 33.7 25.7 38.5



#7
Phenol-d6
Concen: 110.109 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

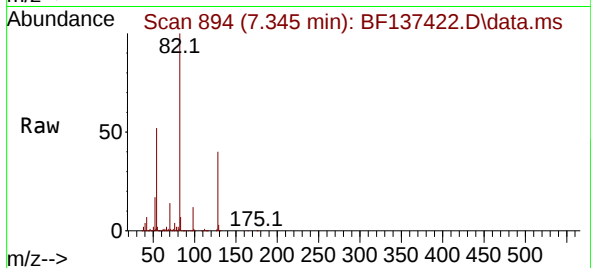
Tgt Ion: 99 Resp: 2882247
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 33.6 25.2 37.8



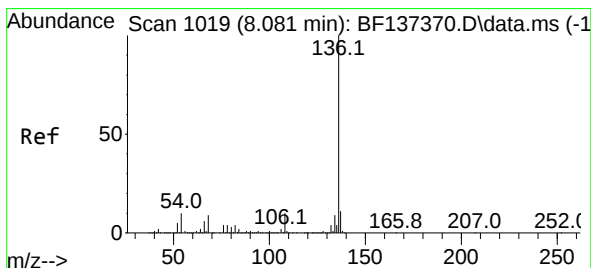
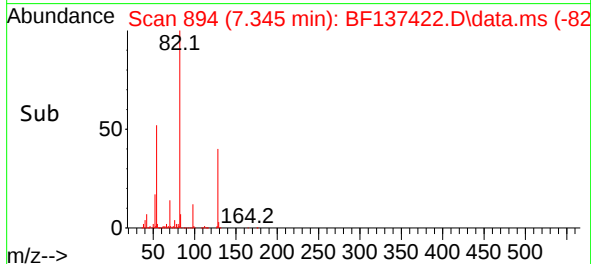
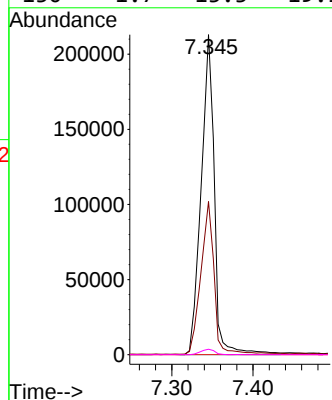


#19
n-Nitroso-di-n-propylamine
Concen: 14.928 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Instrument :
BNA_F
ClientSampleId :

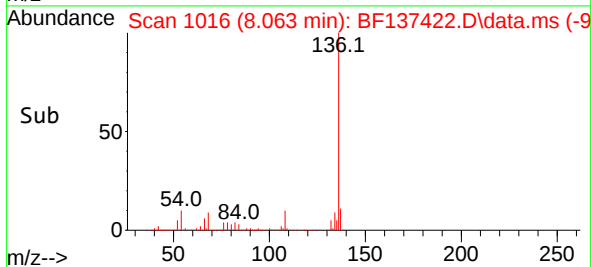
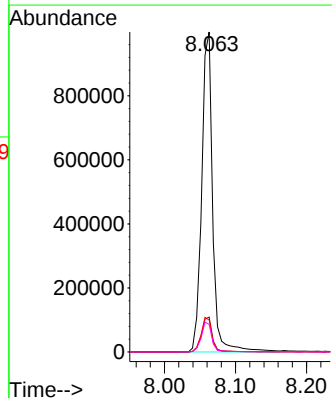
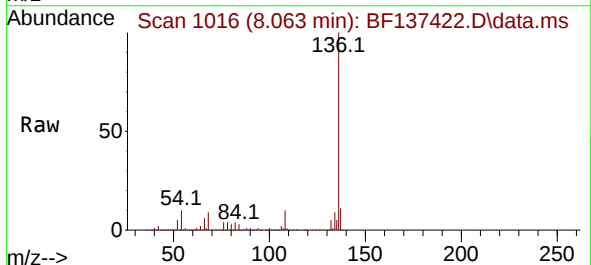


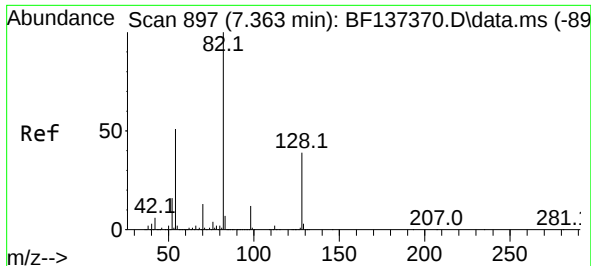
Tgt Ion:	70	Resp:	240795
Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.3	67.9
101	0.0	6.5	9.7#
130	1.7	13.3	19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:	136	Resp:	1073657
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.0	7.8	11.6
68	8.6	7.0	10.4





#23

Nitrobenzene-d5

Concen: 85.156 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

Instrument :

BNA_F

ClientSampleId :

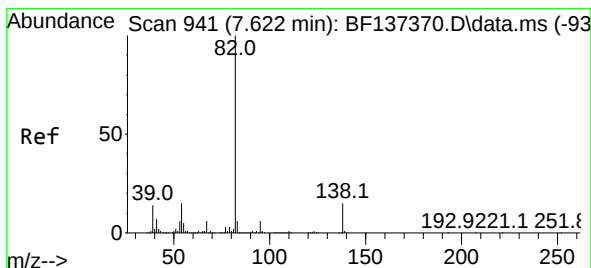
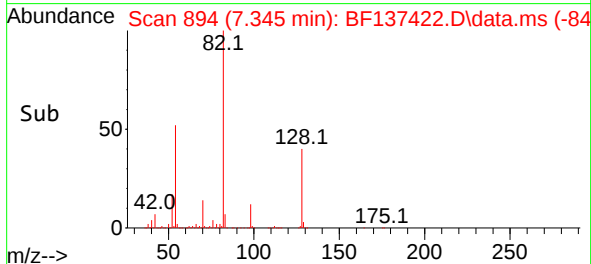
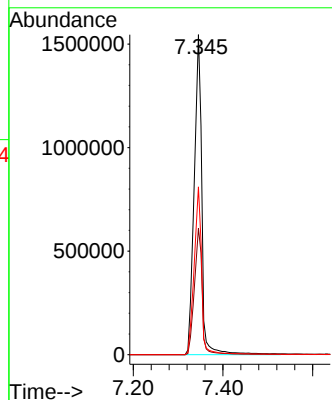
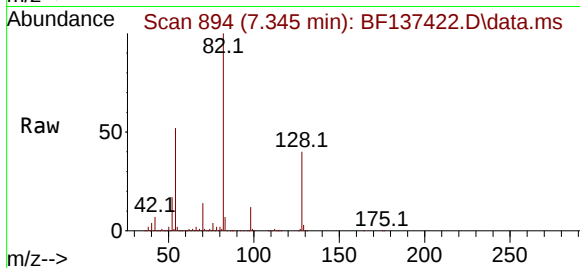
Tgt Ion: 82 Resp: 1831330

Ion Ratio Lower Upper

82 100

128 39.5 30.8 46.2

54 52.5 40.8 61.2



#25

Isophorone

Concen: 41.101 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.277 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

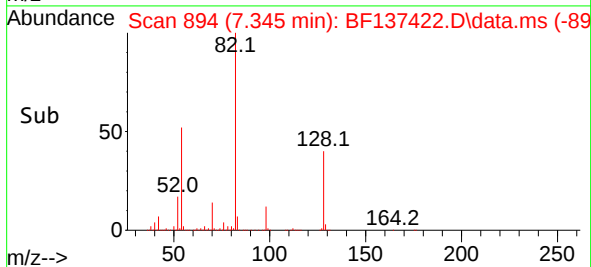
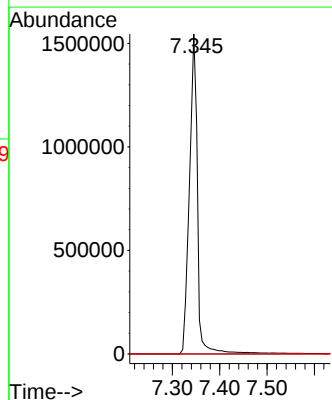
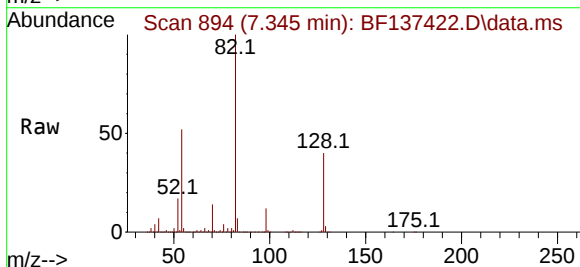
Tgt Ion: 82 Resp: 1827912

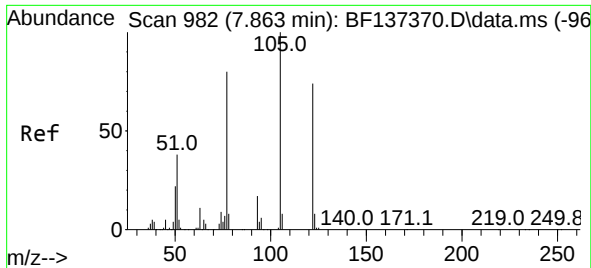
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.4#

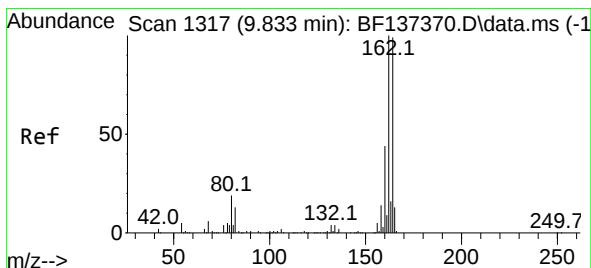
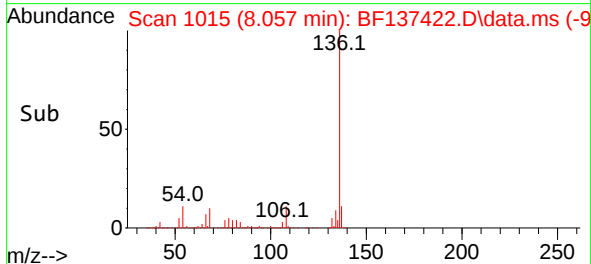
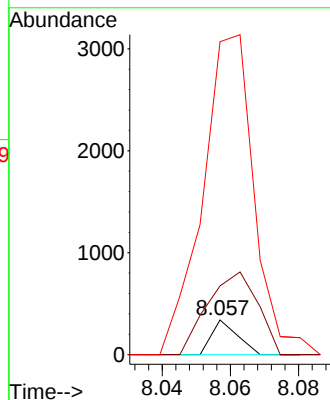
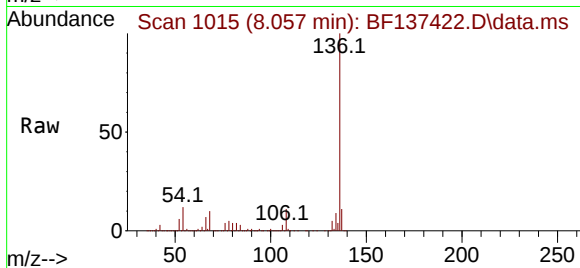




#32
Benzoic acid
Concen: 6.966 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.194 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

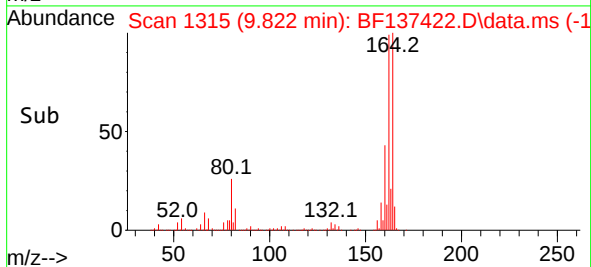
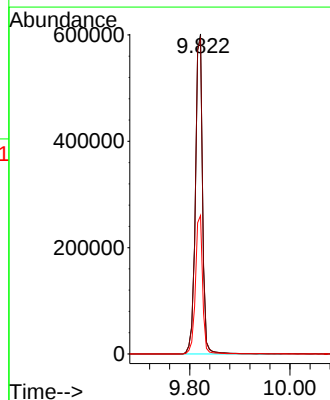
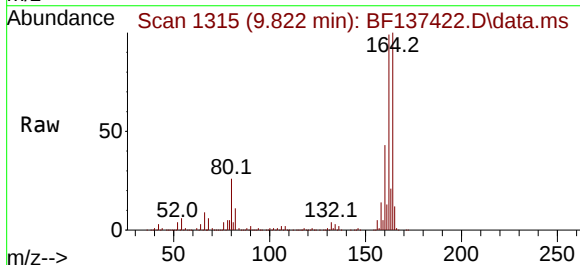
Instrument :
BNA_F
ClientSampleId :

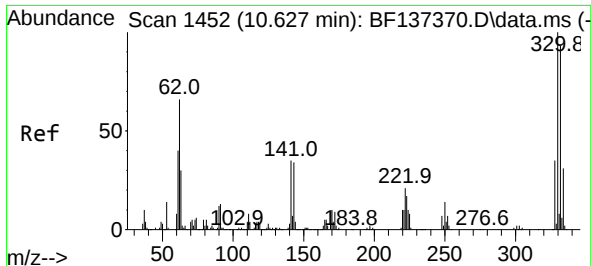
Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 197.9 101.1 141.1#
77 900.3 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:164 Resp: 588964
Ion Ratio Lower Upper
164 100
162 98.6 81.2 121.8
160 43.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 122.447 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

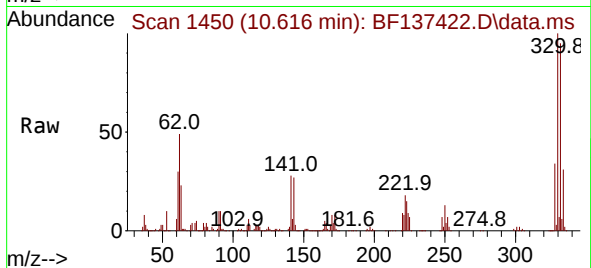
Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

Instrument :

BNA_F

ClientSampleId :



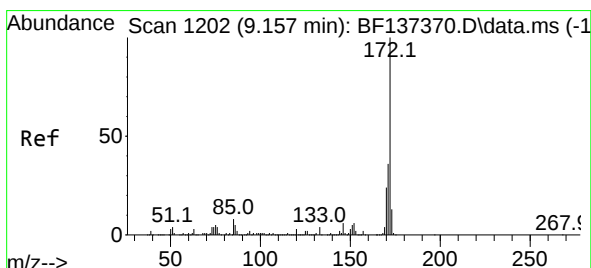
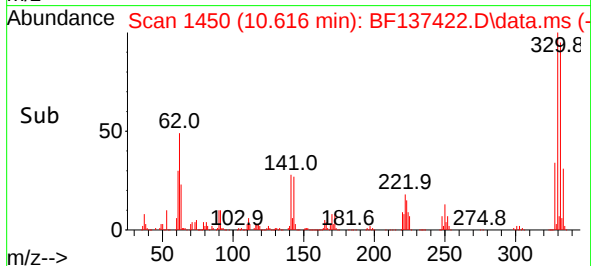
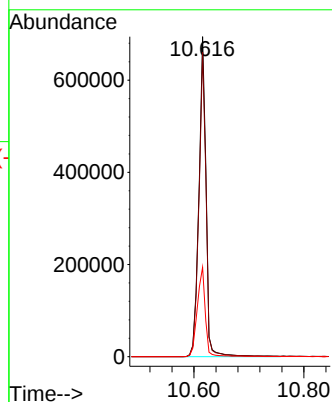
Tgt Ion:330 Resp: 627995

Ion Ratio Lower Upper

330 100

332 95.5 75.6 113.4

141 31.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 74.536 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

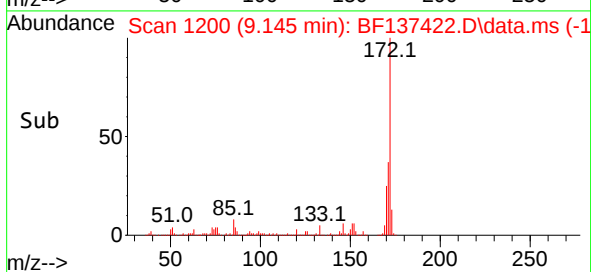
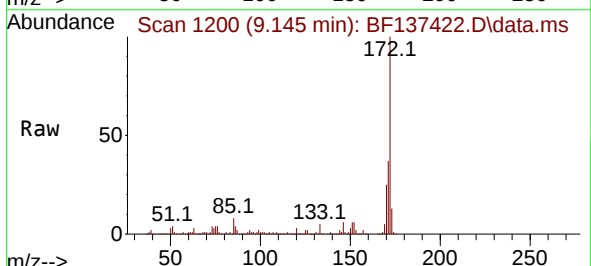
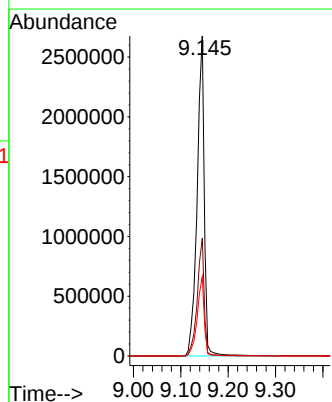
Tgt Ion:172 Resp: 2819753

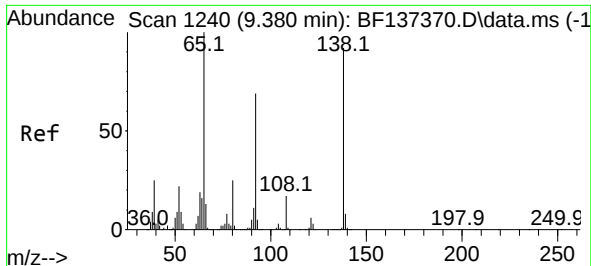
Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 24.7 19.5 29.3

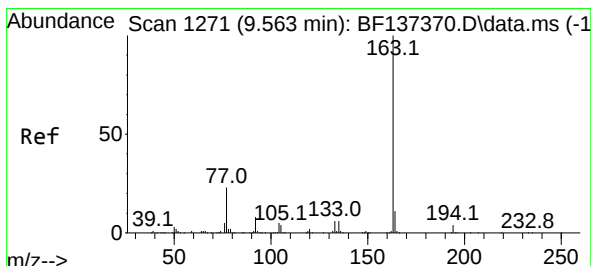
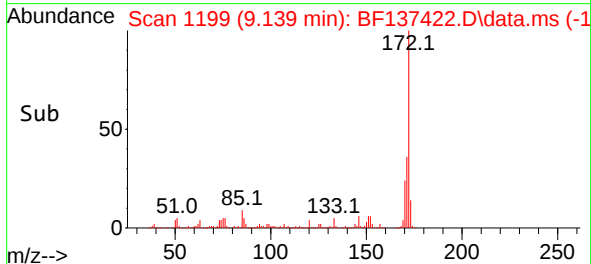
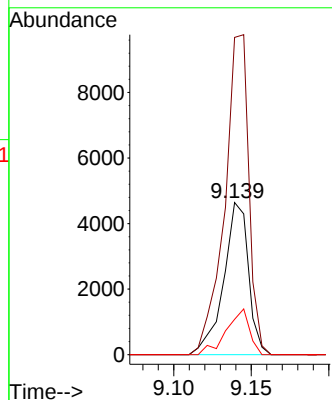
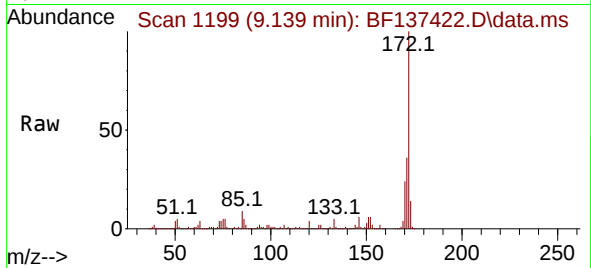




#48
2-Nitroaniline
Concen: 4.723 ng
RT: 9.139 min Scan# 1119
Delta R.T. -0.241 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

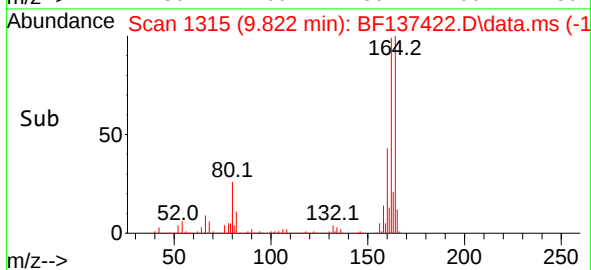
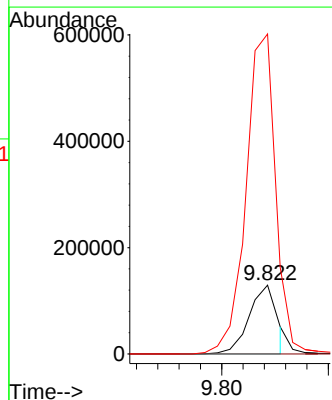
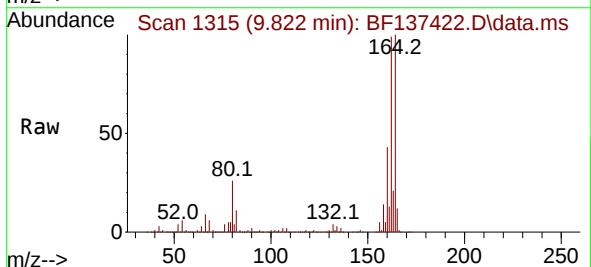
Instrument :
BNA_F
ClientSampleId :

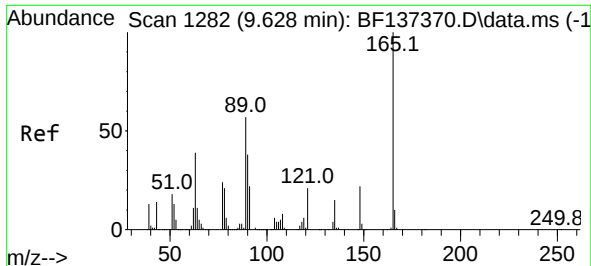
Tgt Ion: 65 Resp: 5175
Ion Ratio Lower Upper
65 100
92 208.5 55.0 82.6#
138 23.3 73.7 110.5#



#50
Dimethylphthalate
Concen: 2.867 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:163 Resp: 116695
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 465.2 8.5 12.7#

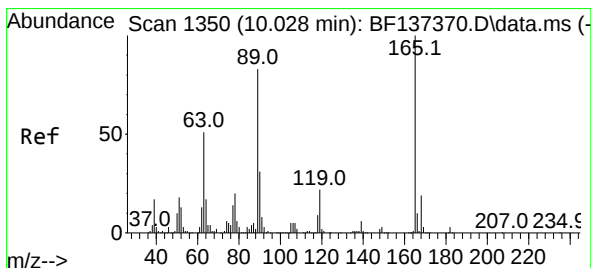
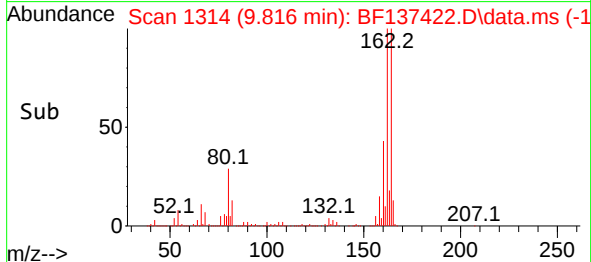
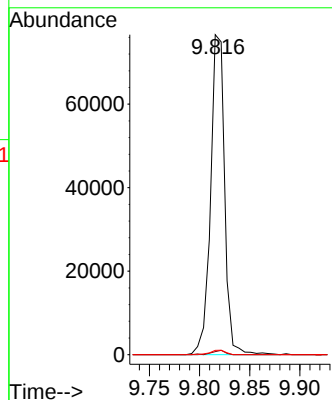
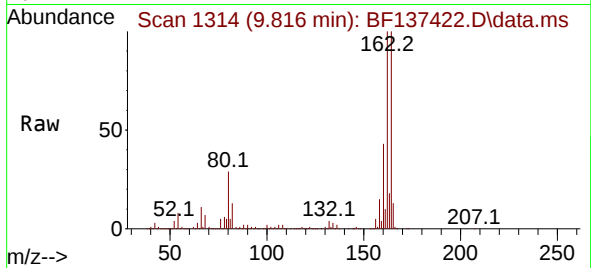




#51
2,6-Dinitrotoluene
Concen: 9.868 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

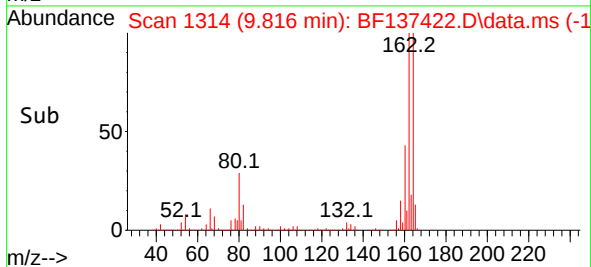
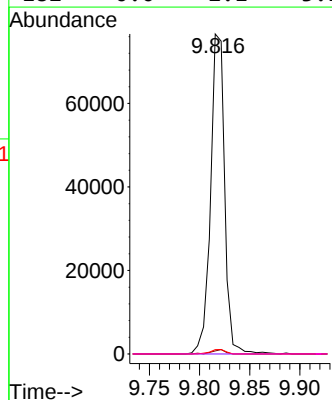
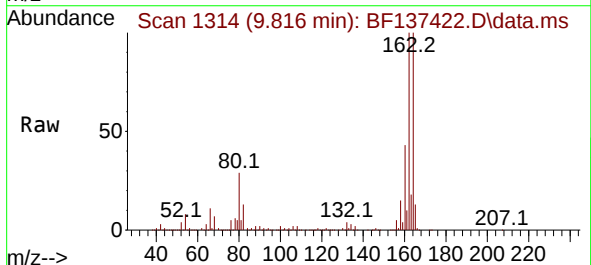
Instrument :
BNA_F
ClientSampleId :

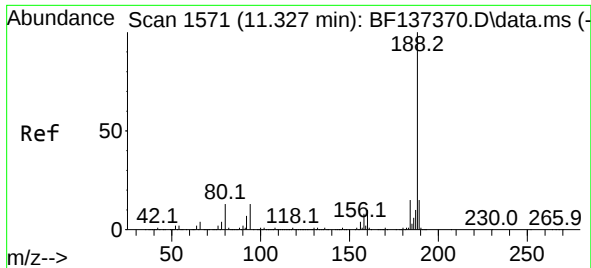
Tgt Ion:165 Resp: 74710
Ion Ratio Lower Upper
165 100
63 1.0 41.6 62.4#
89 1.4 45.8 68.6#



#57
2,4-Dinitrotoluene
Concen: 8.695 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

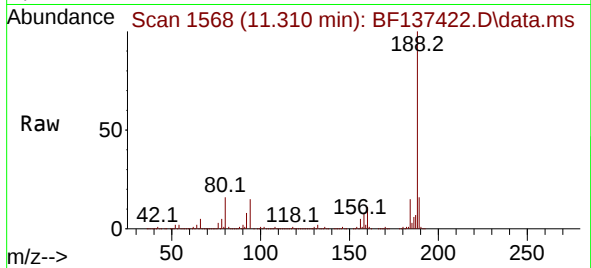
Tgt Ion:165 Resp: 74710
Ion Ratio Lower Upper
165 100
63 1.0 41.1 61.7#
89 1.4 66.6 100.0#
182 0.0 2.1 3.1#



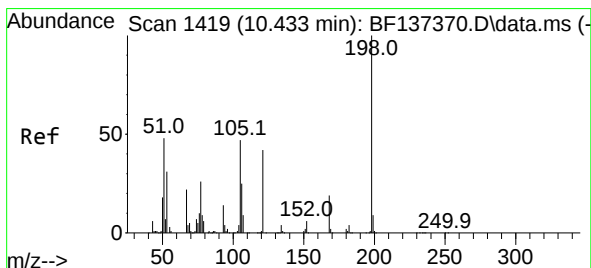
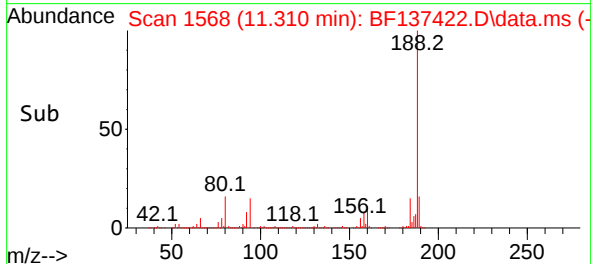
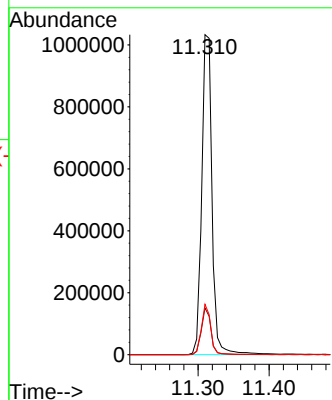


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Instrument :
BNA_F
ClientSampleId :

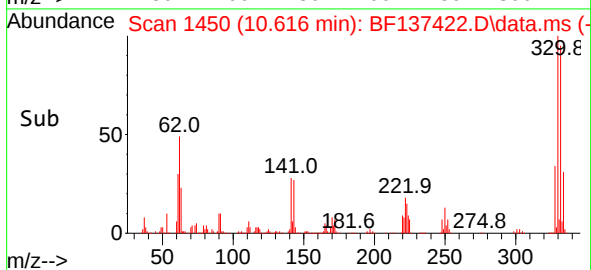
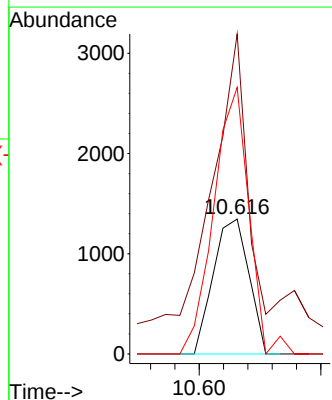
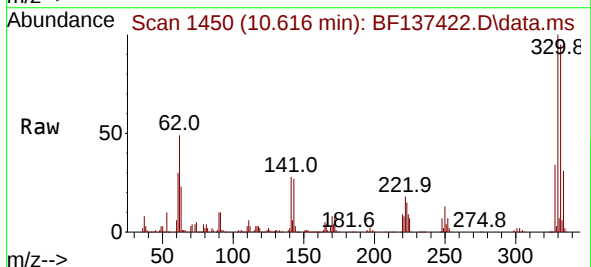


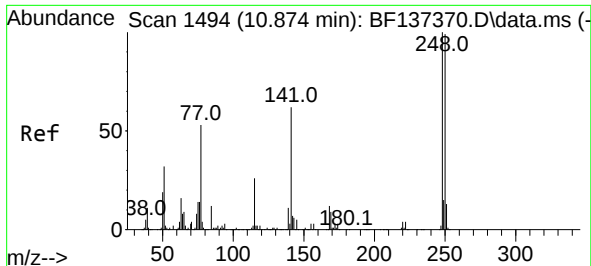
Tgt Ion:188 Resp: 1046586
Ion Ratio Lower Upper
188 100
94 14.6 10.2 15.2
80 15.8 10.7 16.1



#65
4,6-Dinitro-2-methylphenol
Concen: 4.747 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.183 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:198 Resp: 1362
Ion Ratio Lower Upper
198 100
51 237.2 36.8 76.8#
105 197.5 28.5 68.5#

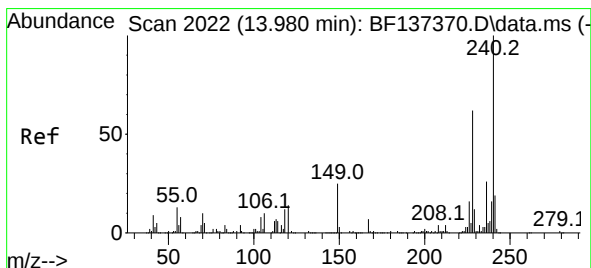
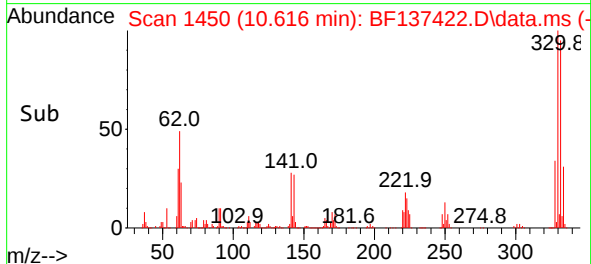
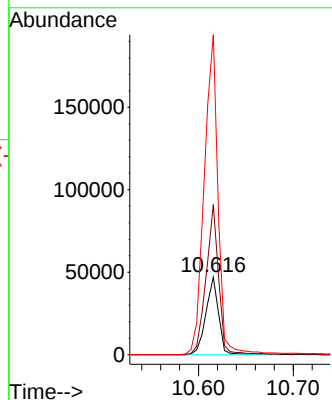
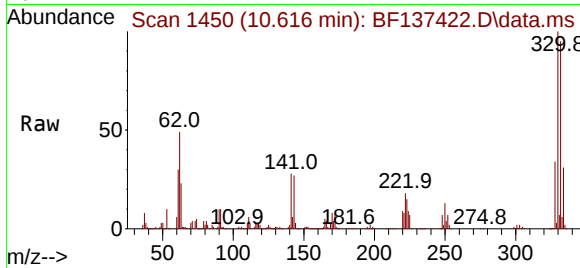




#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

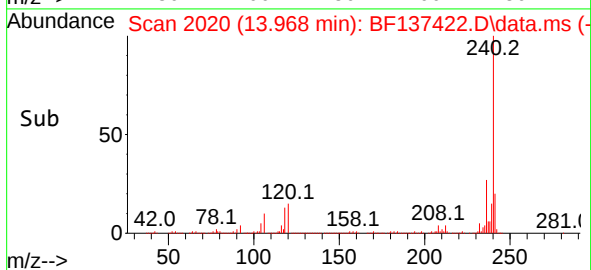
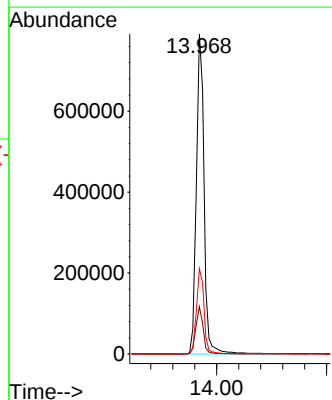
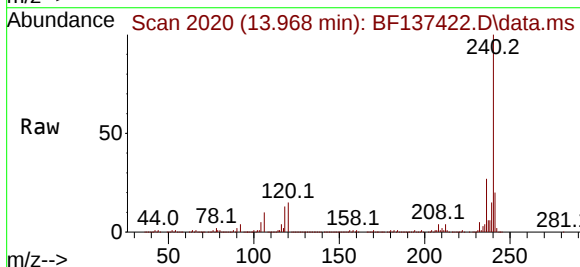
Instrument :
BNA_F
ClientSampleId :

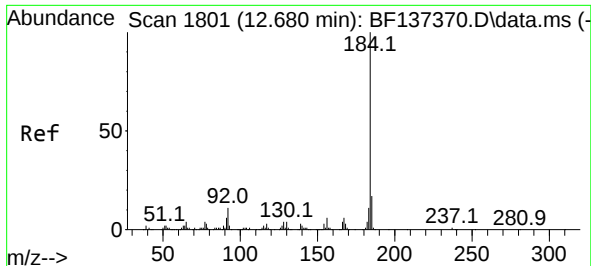
Tgt Ion:248 Resp: 43693
Ion Ratio Lower Upper
248 100
250 193.8 79.0 118.6#
141 412.9 49.9 74.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

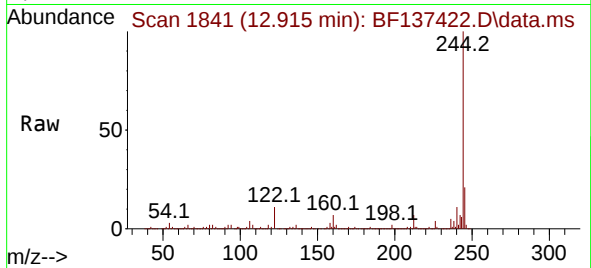
Tgt Ion:240 Resp: 769249
Ion Ratio Lower Upper
240 100
120 14.8 11.3 16.9
236 26.7 20.5 30.7



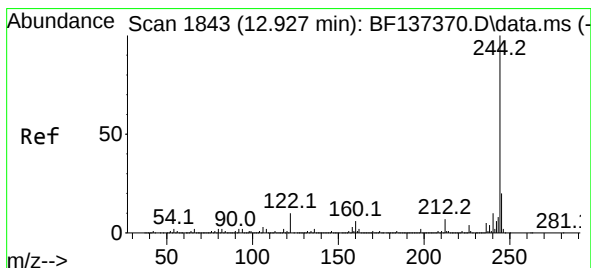
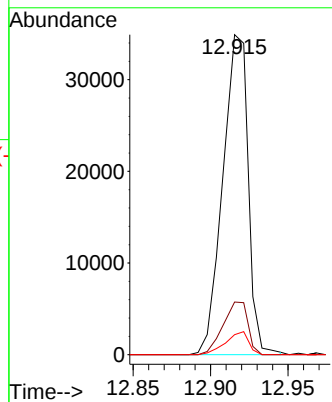
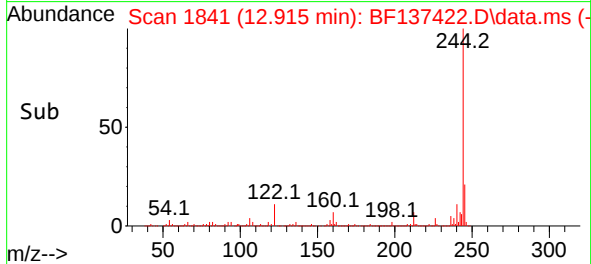


#77
Benzidine
Concen: 9.528 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.235 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

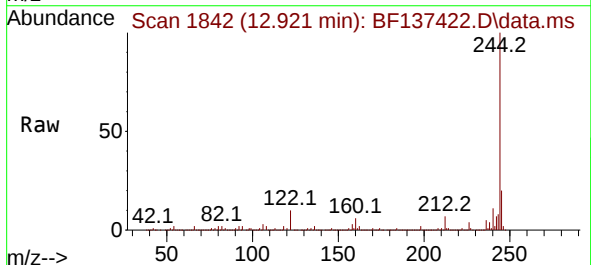
Instrument :
BNA_F
ClientSampleId :



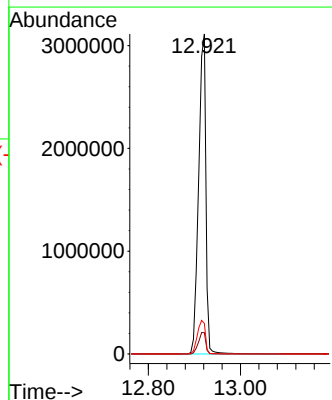
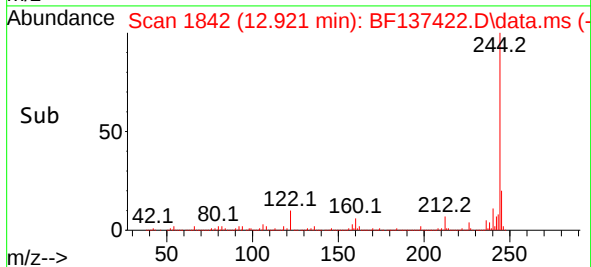
Tgt Ion:184 Resp: 39813
Ion Ratio Lower Upper
184 100
185 16.5 13.7 20.5
183 6.2 8.8 13.2#

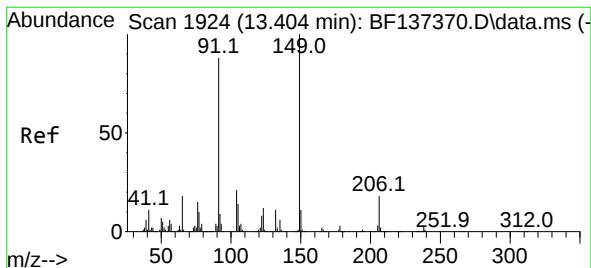


#79
Terphenyl-d14
Concen: 61.617 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54



Tgt Ion:244 Resp: 3388840
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 9.6 8.2 12.4





#80

Butylbenzylphthalate

Concen: 4.001 ng

RT: 13.451 min Scan# 1924

Delta R.T. 0.047 min

Lab File: BF137422.D

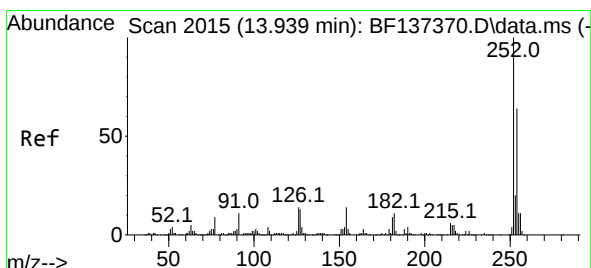
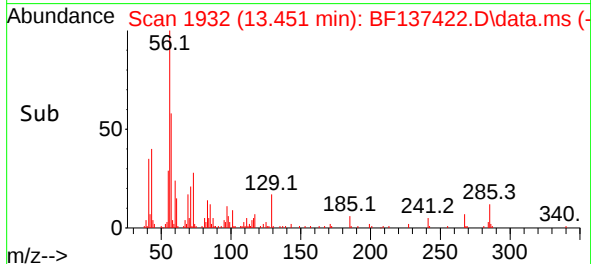
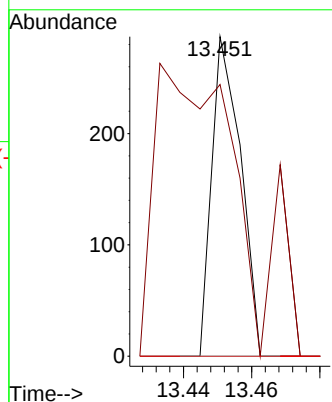
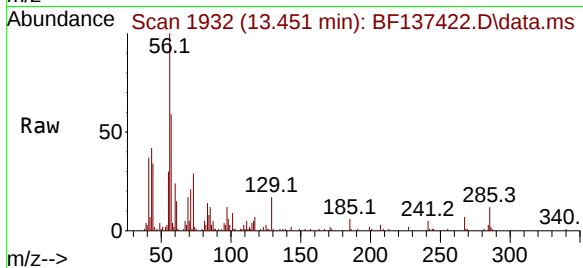
Acq: 28 Feb 2024 14:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	168
Ion	Ratio	Lower	Upper
149	100		
91	85.0	70.5	105.7
206	0.0	14.8	22.2#



#82

3,3'-Dichlorobenzidine

Concen: 5.037 ng

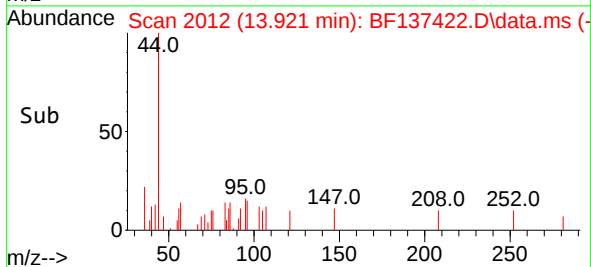
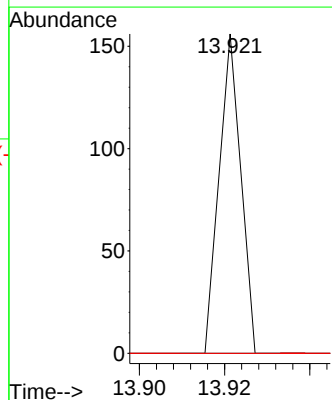
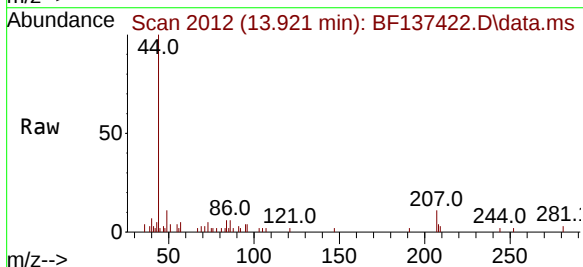
RT: 13.921 min Scan# 2012

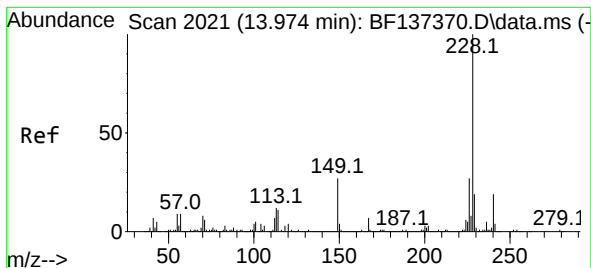
Delta R.T. -0.018 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

Tgt Ion:	252	Resp:	55
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: 13.968 min Scan# 2021

Delta R.T. -0.006 min

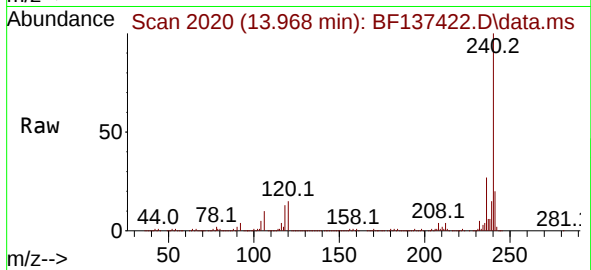
Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

Instrument :

BNA_F

ClientSampleId :



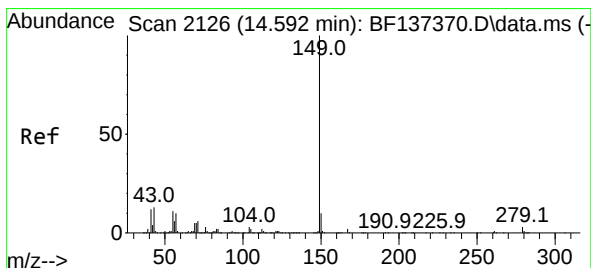
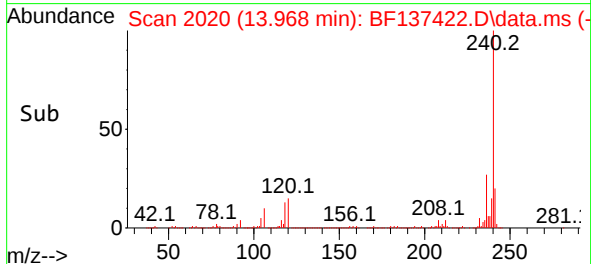
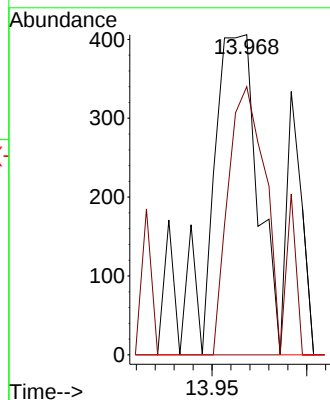
Tgt Ion:149 Resp: 684

Ion Ratio Lower Upper

149 100

167 83.7 20.6 31.0#

279 0.0 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 6.041 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

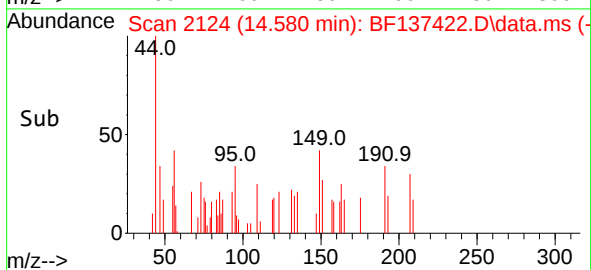
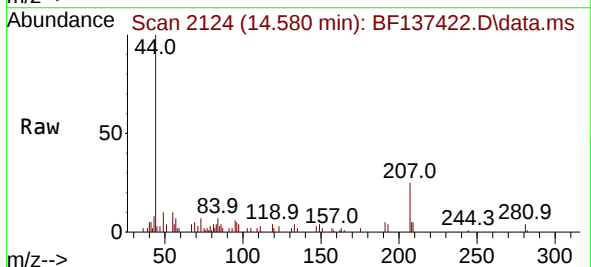
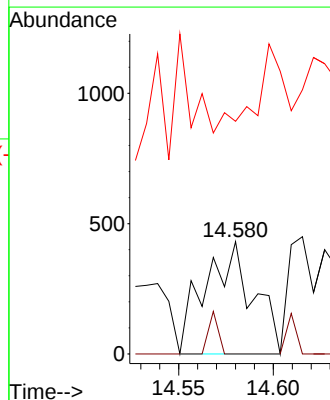
Tgt Ion:149 Resp: 759

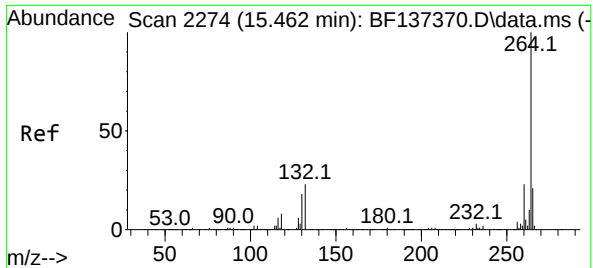
Ion Ratio Lower Upper

149 100

167 7.6 1.2 1.8#

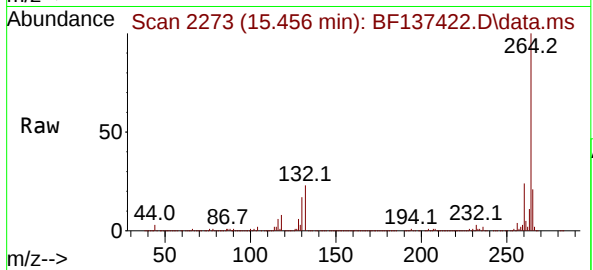
43 0.0 13.7 20.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137422.D
 Acq: 28 Feb 2024 14:54

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 617246
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.4 16.9 25.3

