

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134874.D
 Acq On : 21 Aug 2023 18:43
 Operator : CG\JU
 Sample : 04070-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 22 03:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

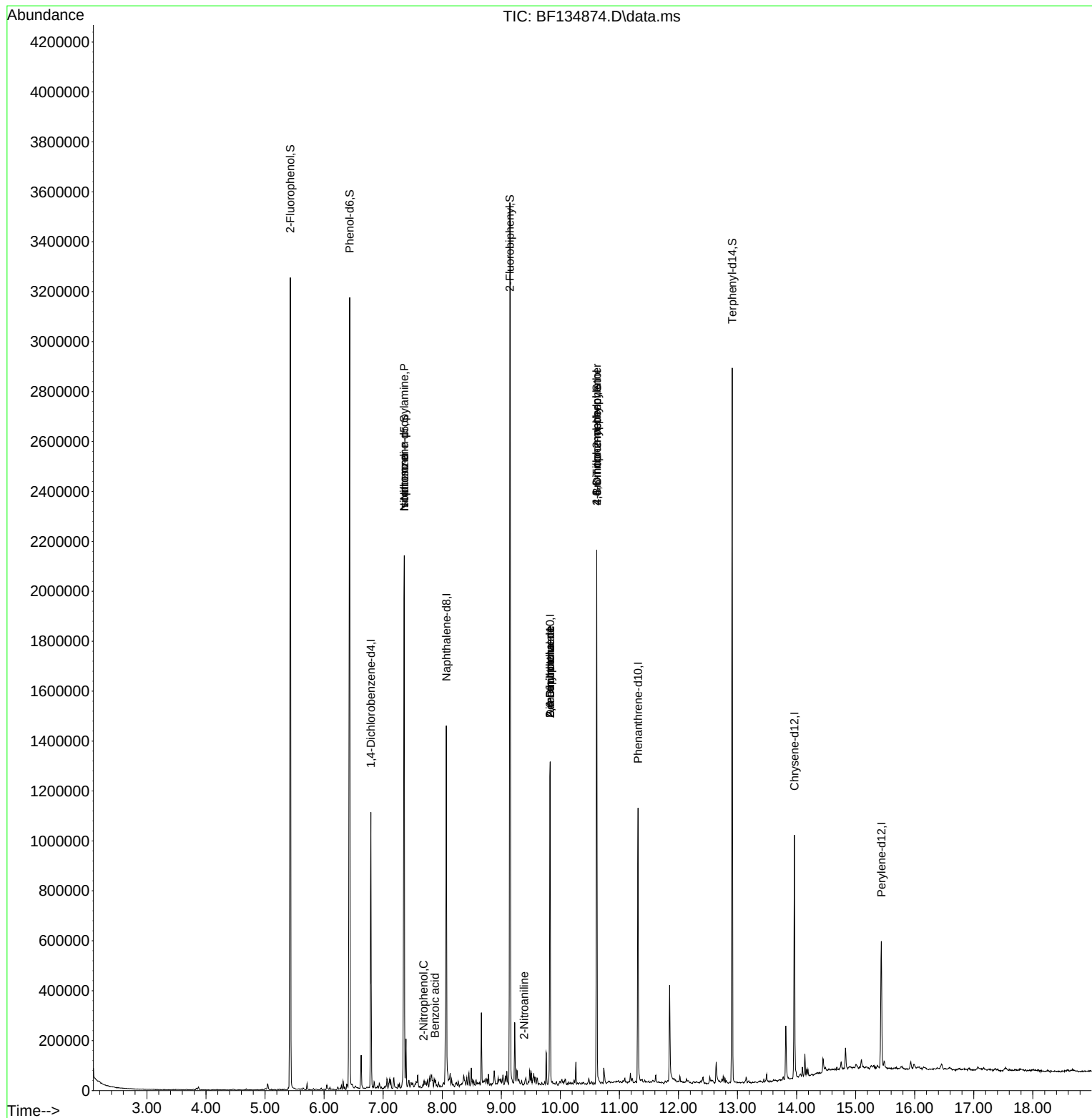
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	146275	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	575939	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	263388	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	395551	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	302421	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	244897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	923289	95.949	ng	0.00
7) Phenol-d6	6.434	99	1157729	94.118	ng	0.00
23) Nitrobenzene-d5	7.357	82	711000	77.148	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	247621	92.224	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1155640	72.952	ng	-0.02
79) Terphenyl-d14	12.910	244	975296	56.852	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.346	77	619	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	96326	13.079	ng	# 72
25) Isophorone	7.357	82	702261	34.936	ng	# 65
26) 2-Nitrophenol	7.681	139	54	4.804	ng	# 1
32) Benzoic acid	7.875	122	137	7.887	ng	# 1
48) 2-Nitroaniline	9.387	65	159	3.197	ng	# 14
50) Dimethylphthalate	9.828	163	56133	3.127	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	35456	11.634	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	35456	10.358	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	637	9.025	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	15855	3.662	ng	# 1

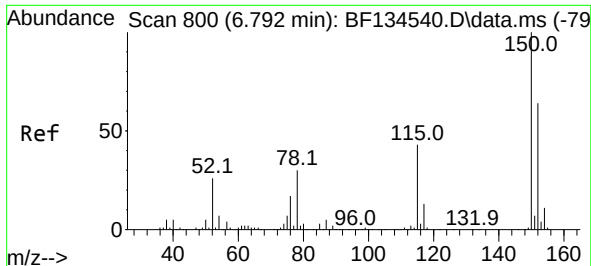
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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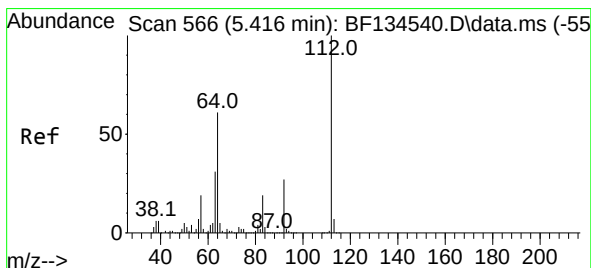
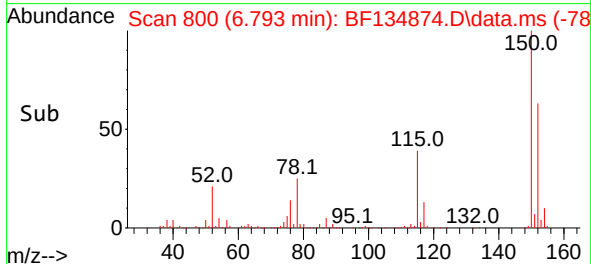
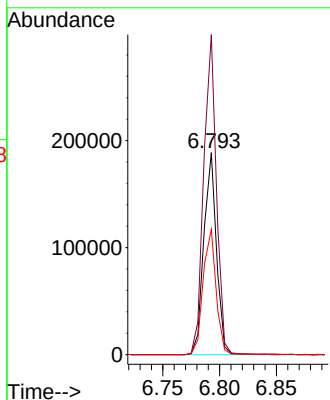
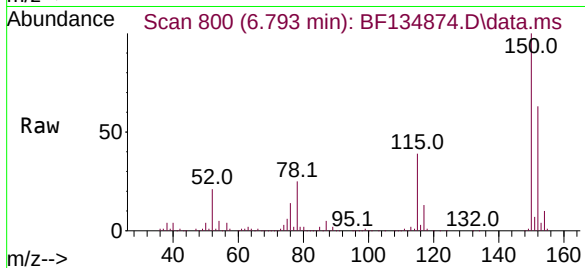




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

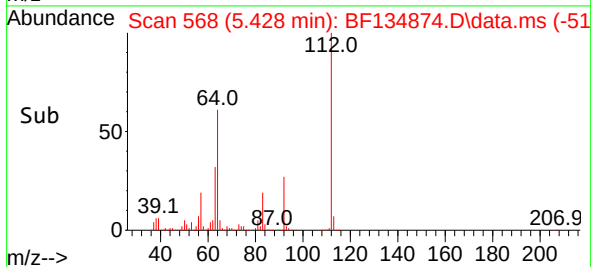
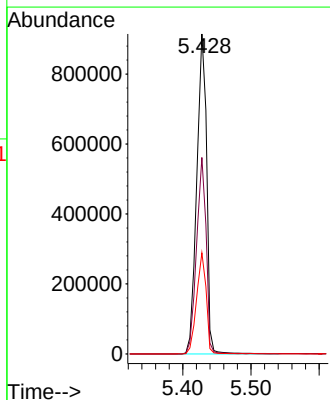
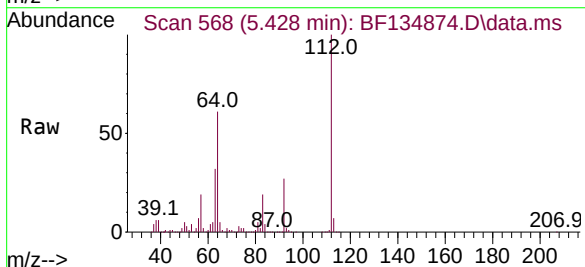
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

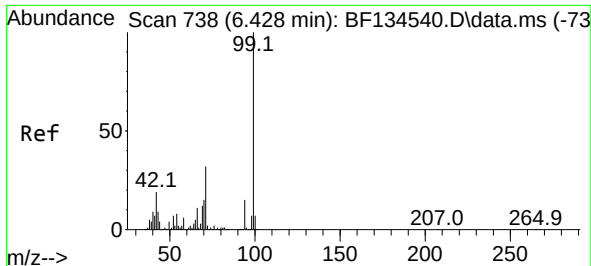
Tgt Ion:152 Resp: 146275
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.3 192.5
 115 62.0 52.4 78.6



#5
 2-Fluorophenol
 Concen: 95.949 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Tgt Ion:112 Resp: 923289
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.9 67.3
 63 31.6 25.4 38.0



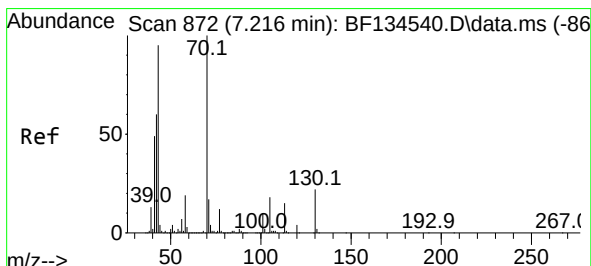
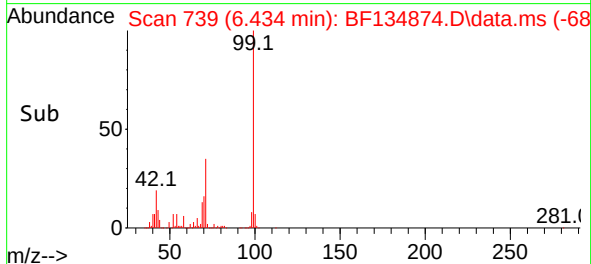
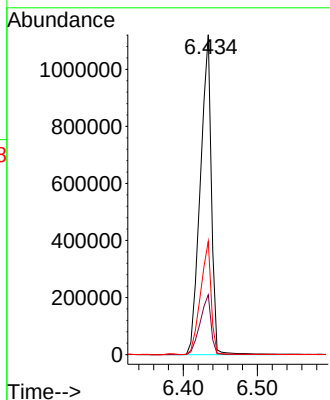
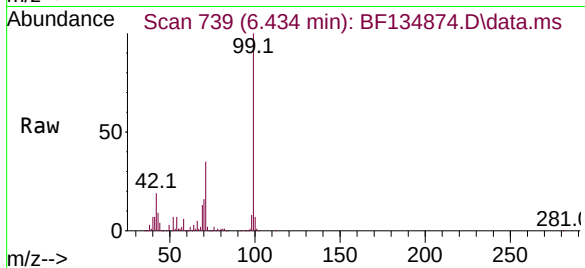


#7
Phenol-d6
Concen: 94.118 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Instrument : BNA_F
ClientSampleId : WC-1

Tgt Ion: 99 Resp: 1157729

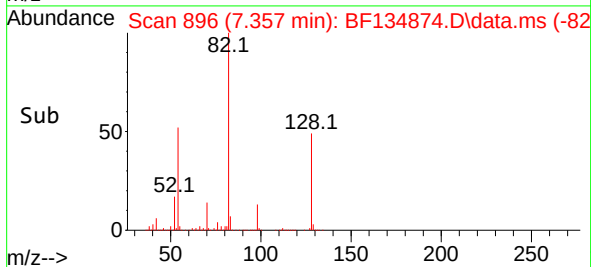
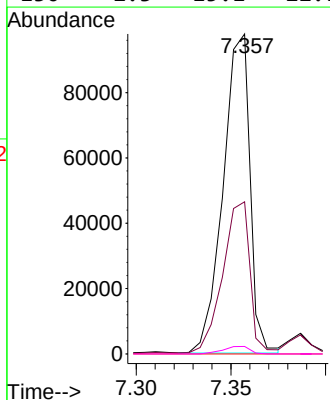
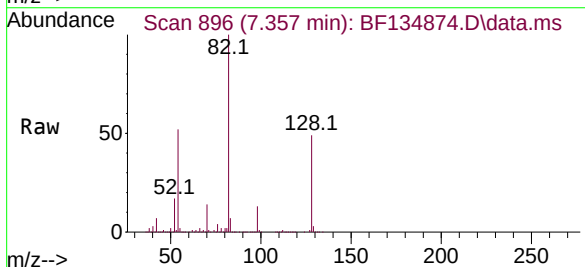
Ion	Ratio	Lower	Upper
99	100		
42	18.7	18.7	28.1#
71	35.4	36.4	54.6#

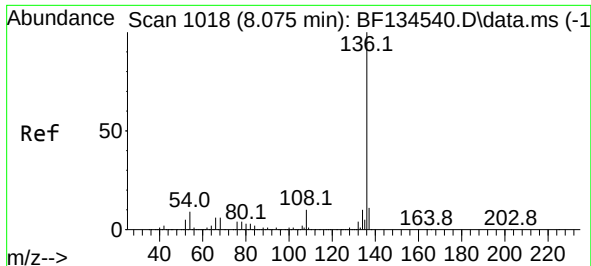


#19
n-Nitroso-di-n-propylamine
Concen: 13.079 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion: 70 Resp: 96326

Ion	Ratio	Lower	Upper
70	100		
42	47.5	54.7	82.1#
101	0.0	8.2	12.2#
130	2.3	15.1	22.7#

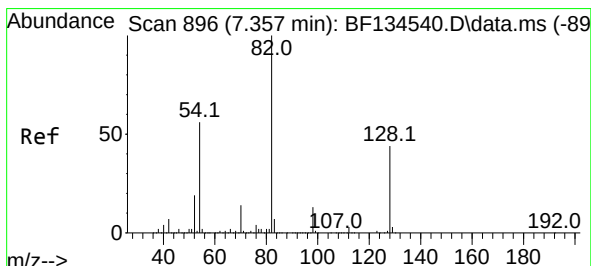
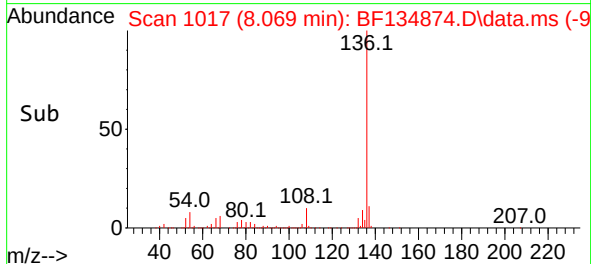
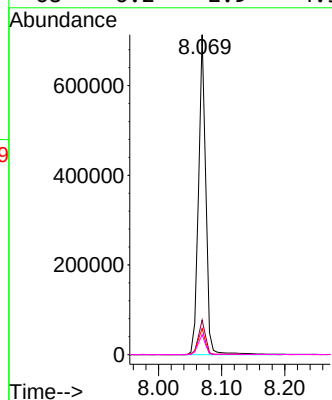
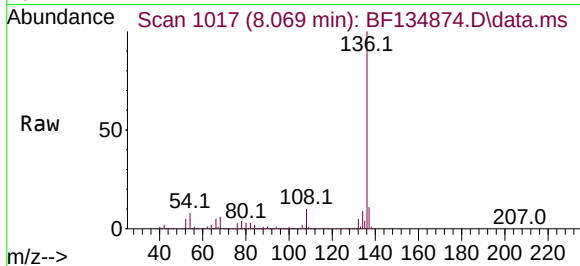




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

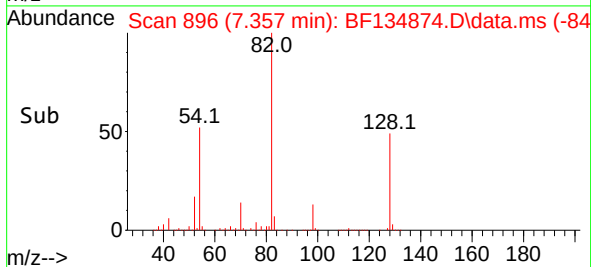
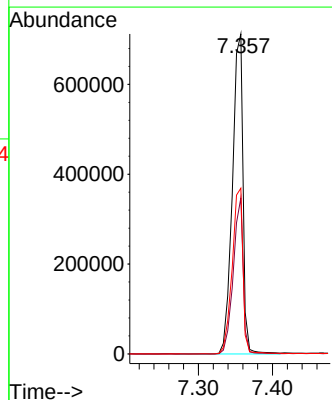
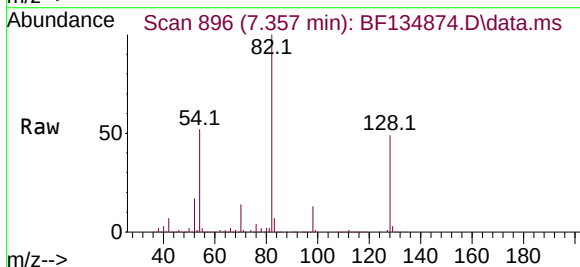
Instrument :
BNA_F
ClientSampleId :
WC-1

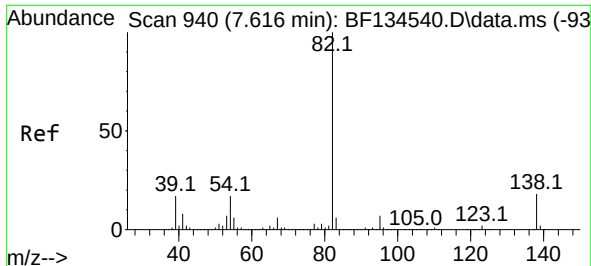
Tgt Ion:136 Resp: 575939
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 77.148 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion: 82 Resp: 711000
Ion Ratio Lower Upper
82 100
128 48.8 34.3 51.5
54 51.8 43.8 65.6

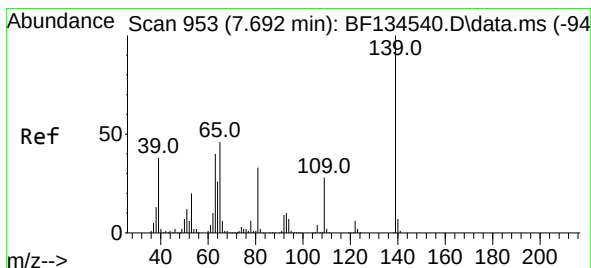
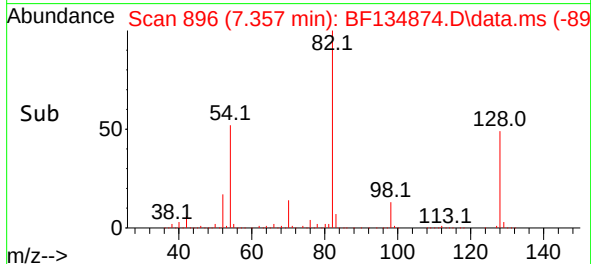
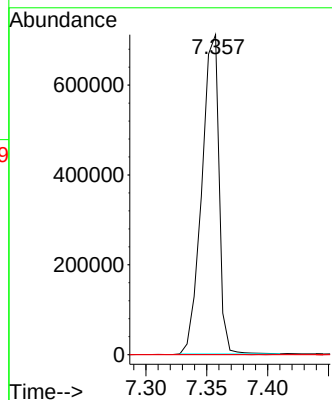
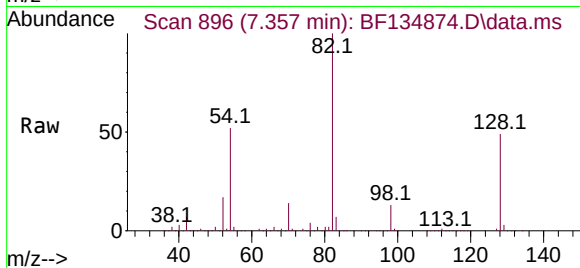




#25
Isophorone
Concen: 34.936 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

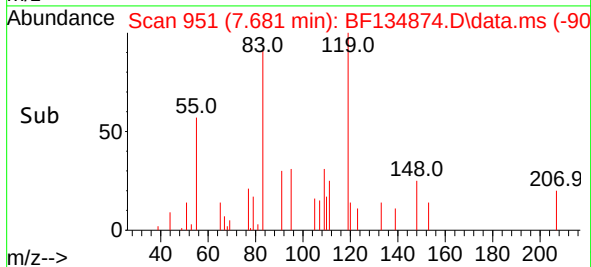
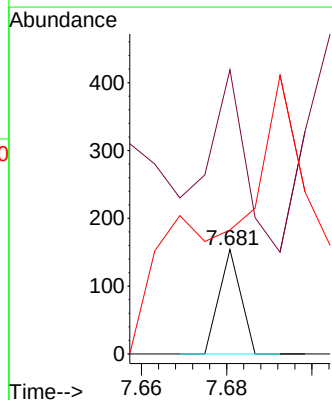
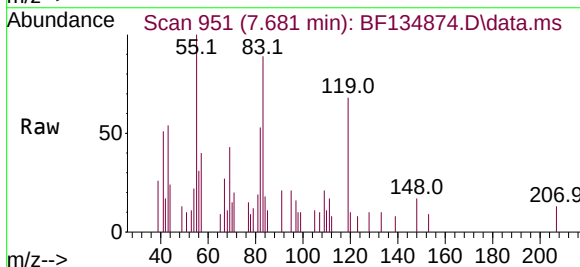
Instrument :
BNA_F
ClientSampleId :
WC-1

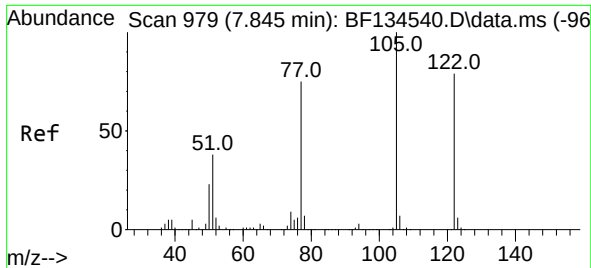
Tgt Ion: 82 Resp: 702261
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.804 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion: 139 Resp: 54
Ion Ratio Lower Upper
139 100
109 272.1 29.8 44.6#
65 118.8 45.4 68.2#

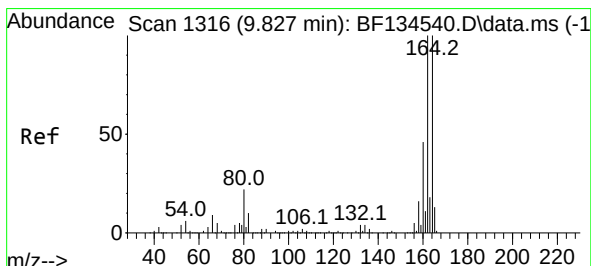
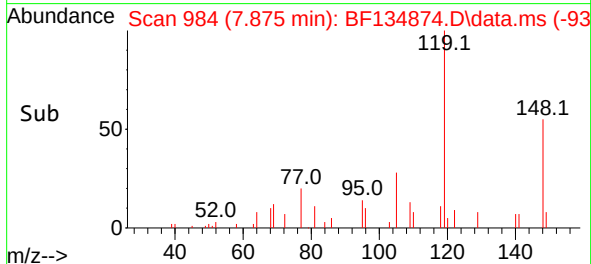
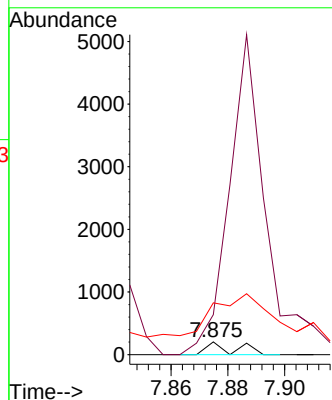
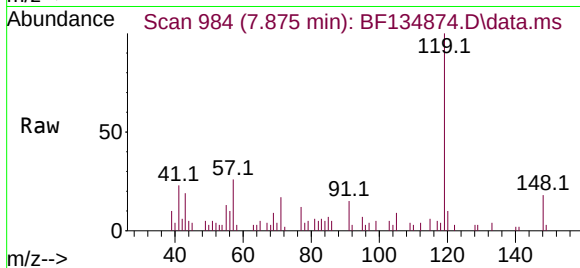




#32
Benzoic acid
Concen: 7.887 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

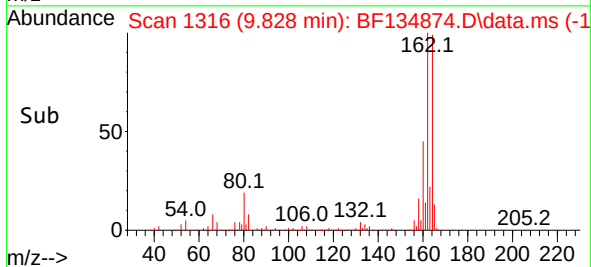
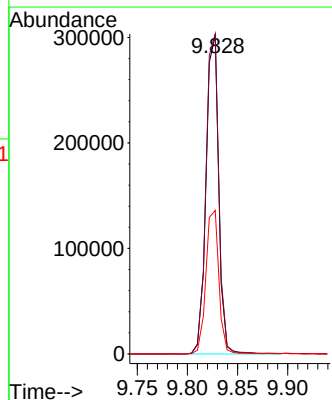
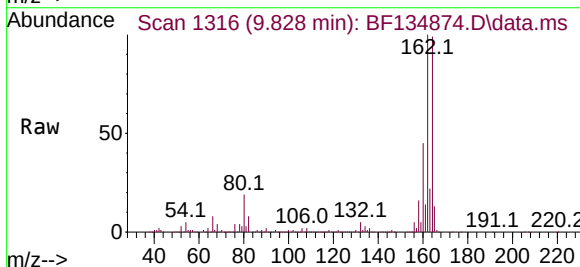
Instrument :
BNA_F
ClientSampleId :
WC-1

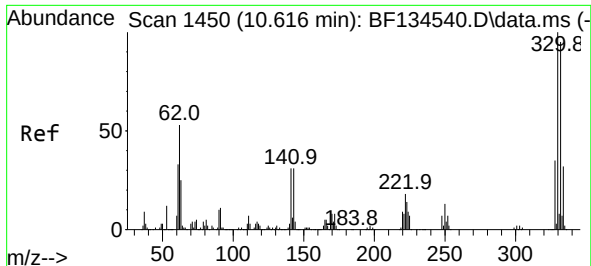
Tgt Ion:	122	Resp:	137
Ion	Ratio	Lower	Upper
122	100		
105	312.7	87.5	127.5#
77	404.9	71.4	111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion:	164	Resp:	263388
Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.1	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 92.224 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

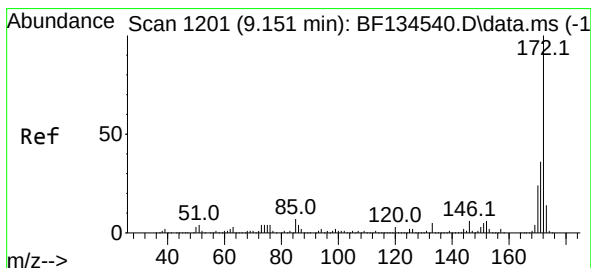
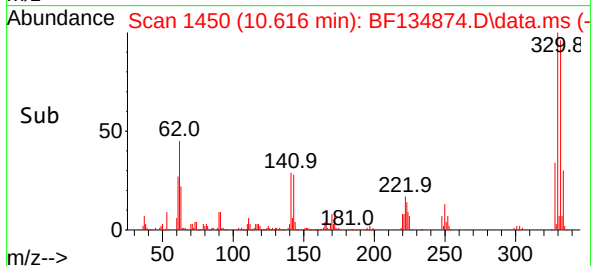
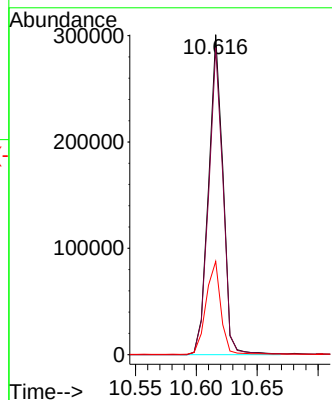
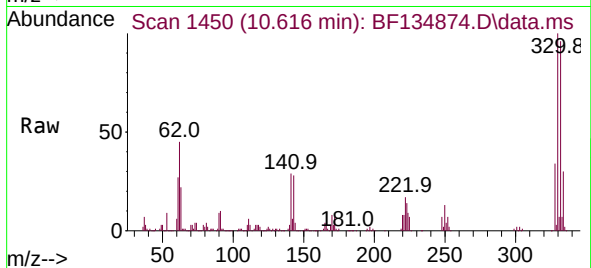
Tgt Ion:330 Resp: 247621

Ion Ratio Lower Upper

330 100

332 96.3 78.8 118.2

141 30.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 72.952 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

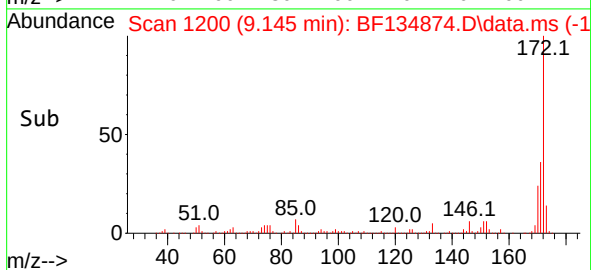
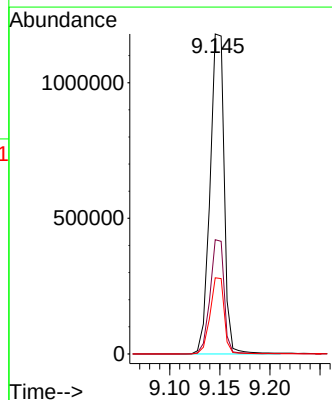
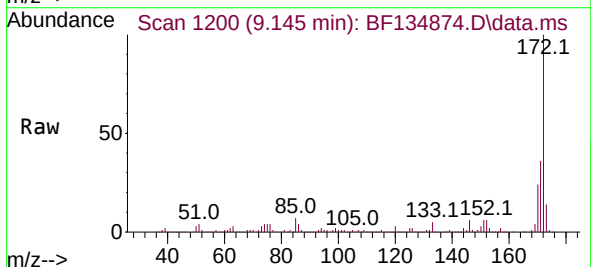
Tgt Ion:172 Resp: 1155640

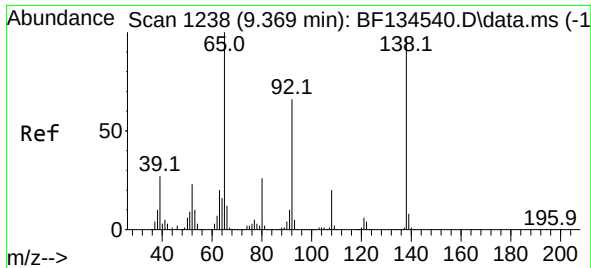
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.7 28.1





#48

2-Nitroaniline

Concen: 3.197 ng

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

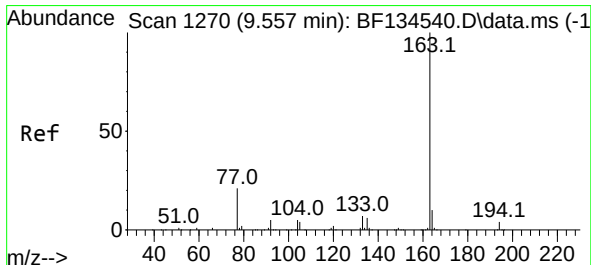
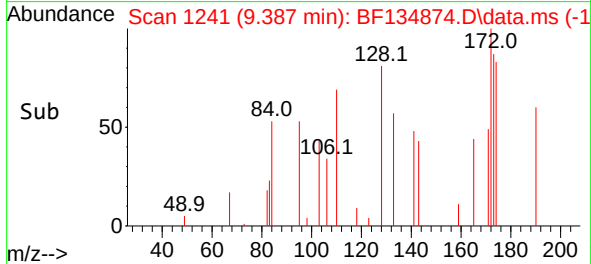
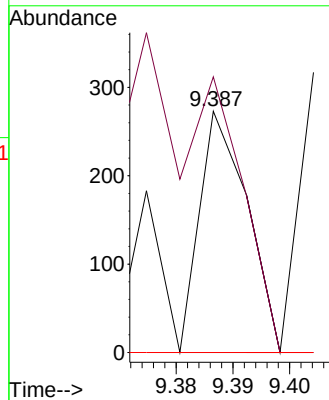
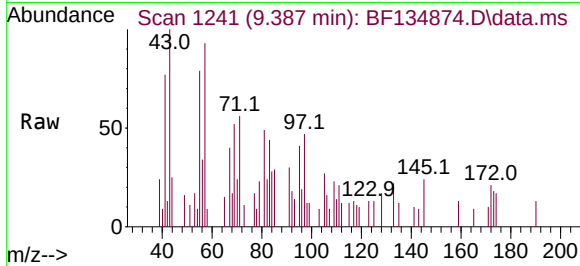
Tgt Ion: 65 Resp: 159

Ion Ratio Lower Upper

65 100

92 114.3 50.7 76.1#

138 0.0 78.2 117.4#



#50

Dimethylphthalate

Concen: 3.127 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

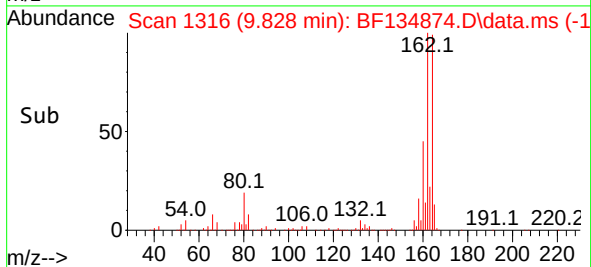
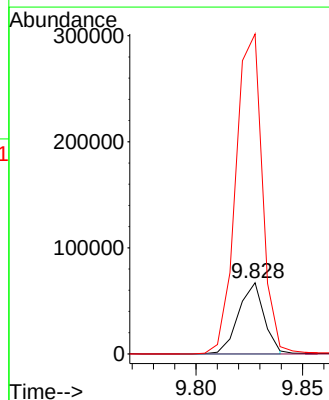
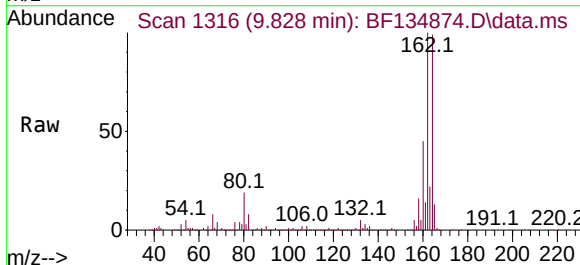
Tgt Ion: 163 Resp: 56133

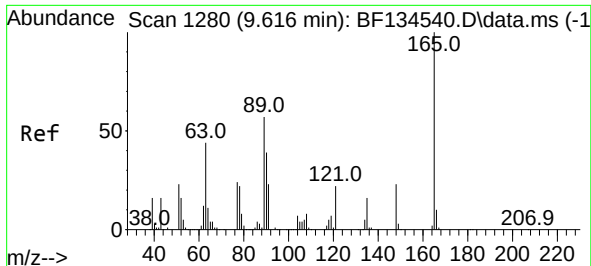
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 450.4 7.5 11.3#





#51

2,6-Dinitrotoluene

Concen: 11.634 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.200 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

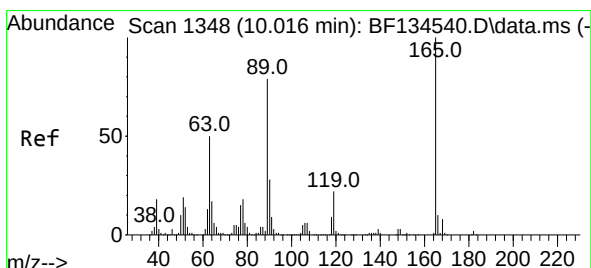
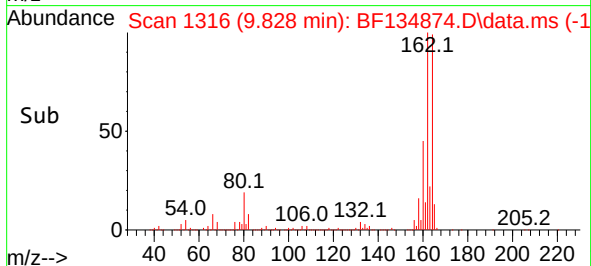
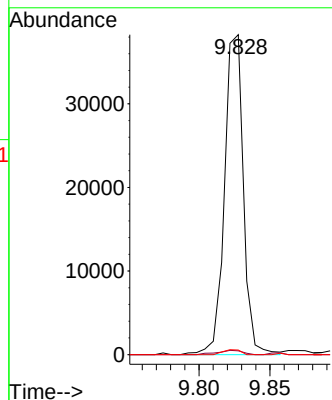
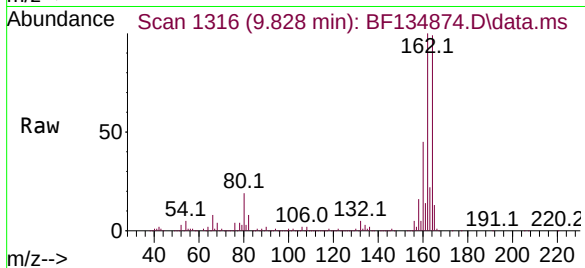
Tgt Ion:165 Resp: 35456

Ion Ratio Lower Upper

165 100

63 1.2 57.8 86.6#

89 1.4 51.8 77.8#



#57

2,4-Dinitrotoluene

Concen: 10.358 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Tgt Ion:165 Resp: 35456

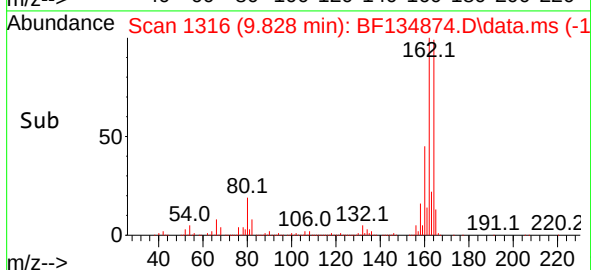
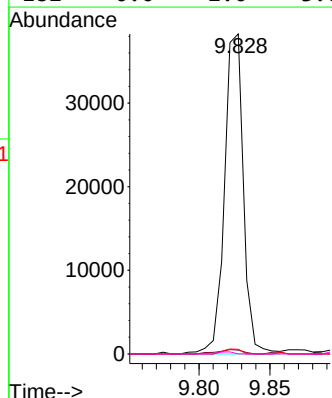
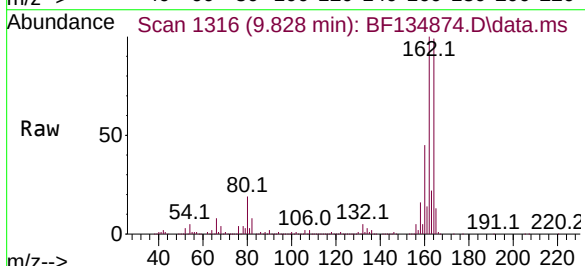
Ion Ratio Lower Upper

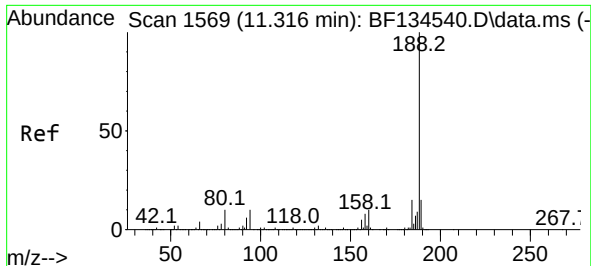
165 100

63 1.2 48.9 73.3#

89 1.4 61.7 92.5#

182 0.0 2.0 3.0#

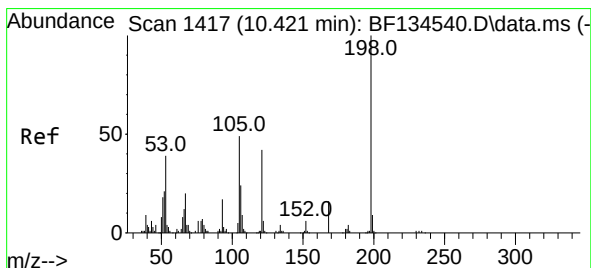
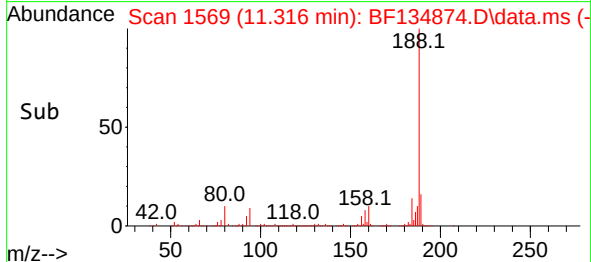
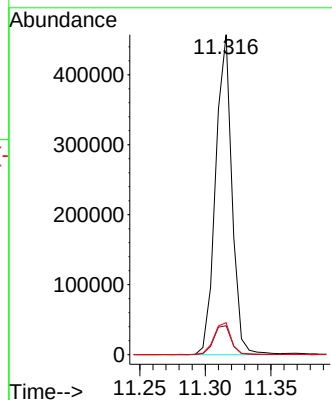
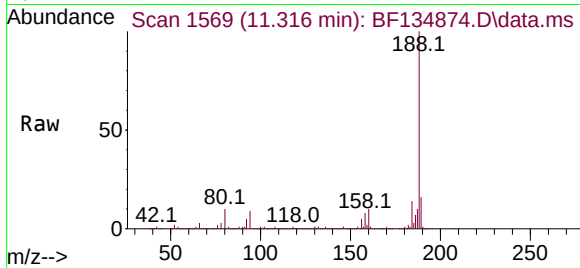




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

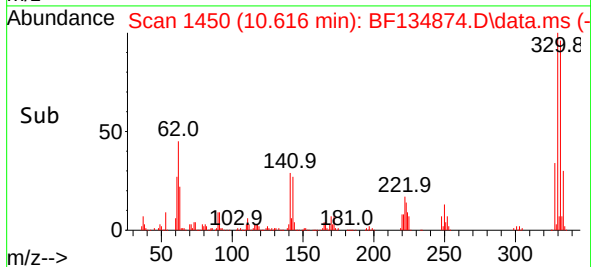
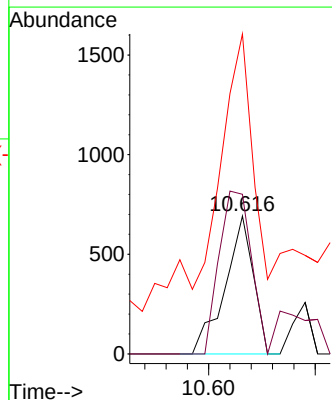
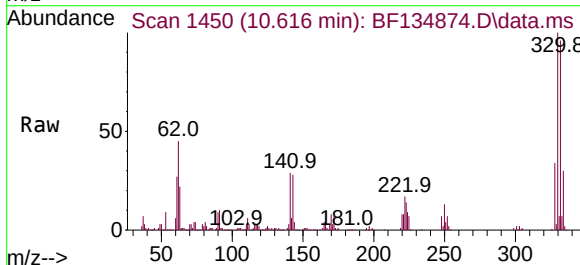
Instrument :
BNA_F
ClientSampleId :
WC-1

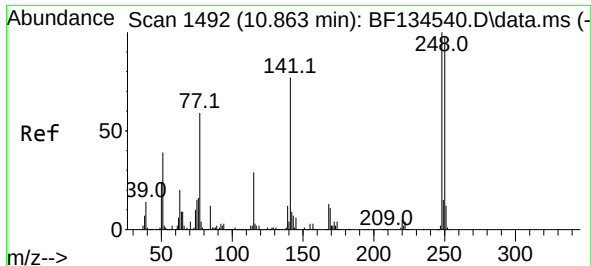
Tgt Ion:188 Resp: 395551
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 10.0 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.025 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.177 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion:198 Resp: 637
Ion Ratio Lower Upper
198 100
51 115.8 38.6 78.6#
105 232.1 27.9 67.9#

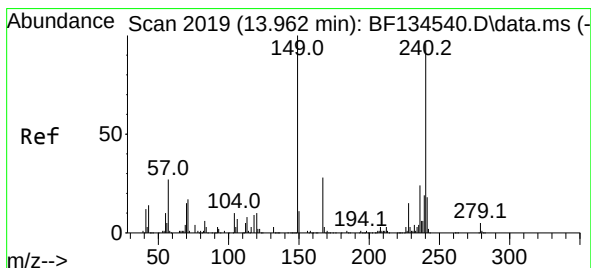
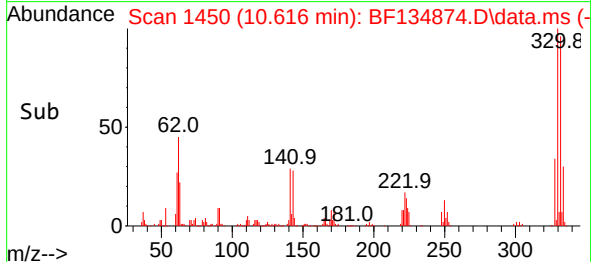
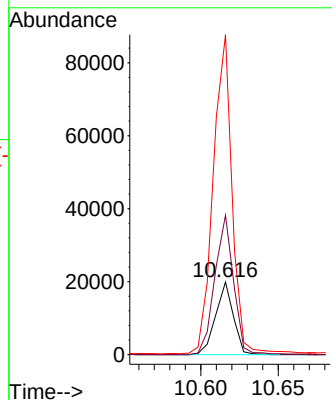
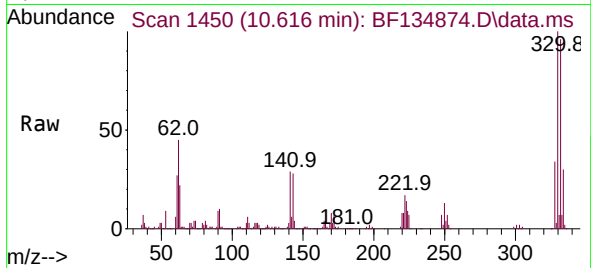




#67
4-Bromophenyl-phenylether
Concen: 3.662 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

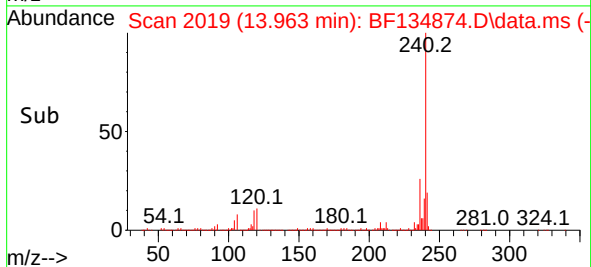
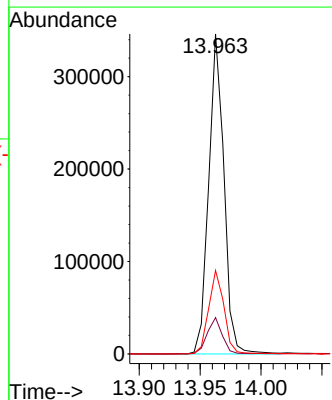
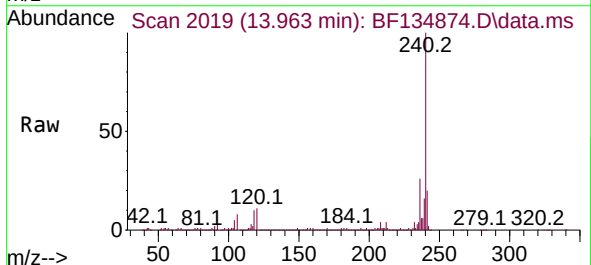
Instrument :
BNA_F
ClientSampleId :
WC-1

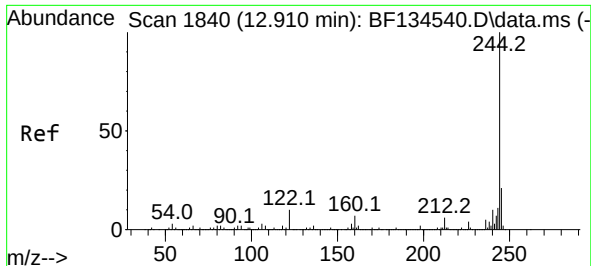
Tgt Ion:248 Resp: 15855
Ion Ratio Lower Upper
248 100
250 192.1 79.6 119.4#
141 441.1 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion:240 Resp: 302421
Ion Ratio Lower Upper
240 100
120 11.3 6.6 10.0#
236 26.1 20.2 30.2

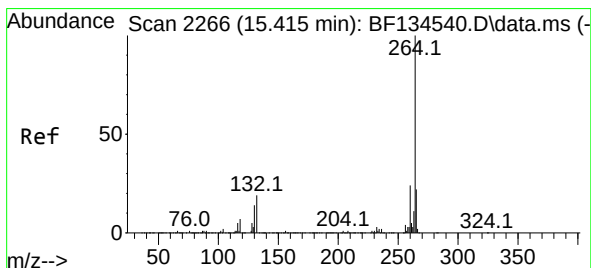
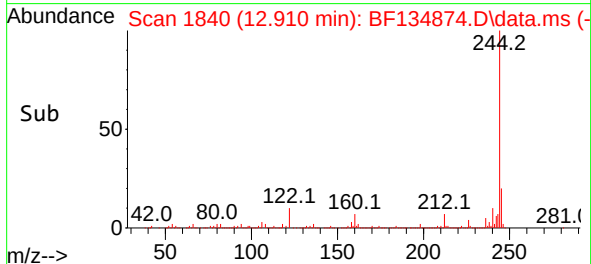
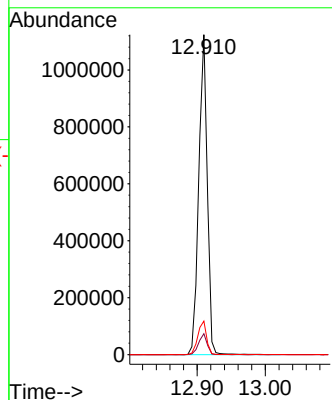
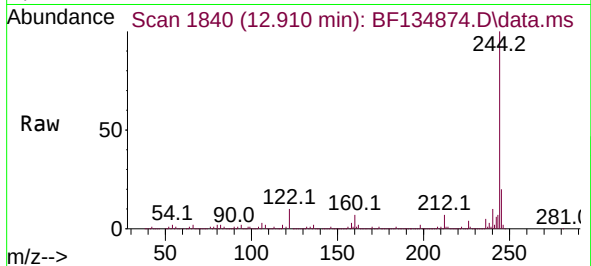




#79
 Terphenyl-d14
 Concen: 56.852 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 975296
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Tgt Ion:264 Resp: 244897
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 15.8 23.8

