

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134726.D
 Acq On : 11 Aug 2023 11:26
 Operator : CG\JU
 Sample : 03954-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16

Quant Time: Aug 11 22:20:08 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)

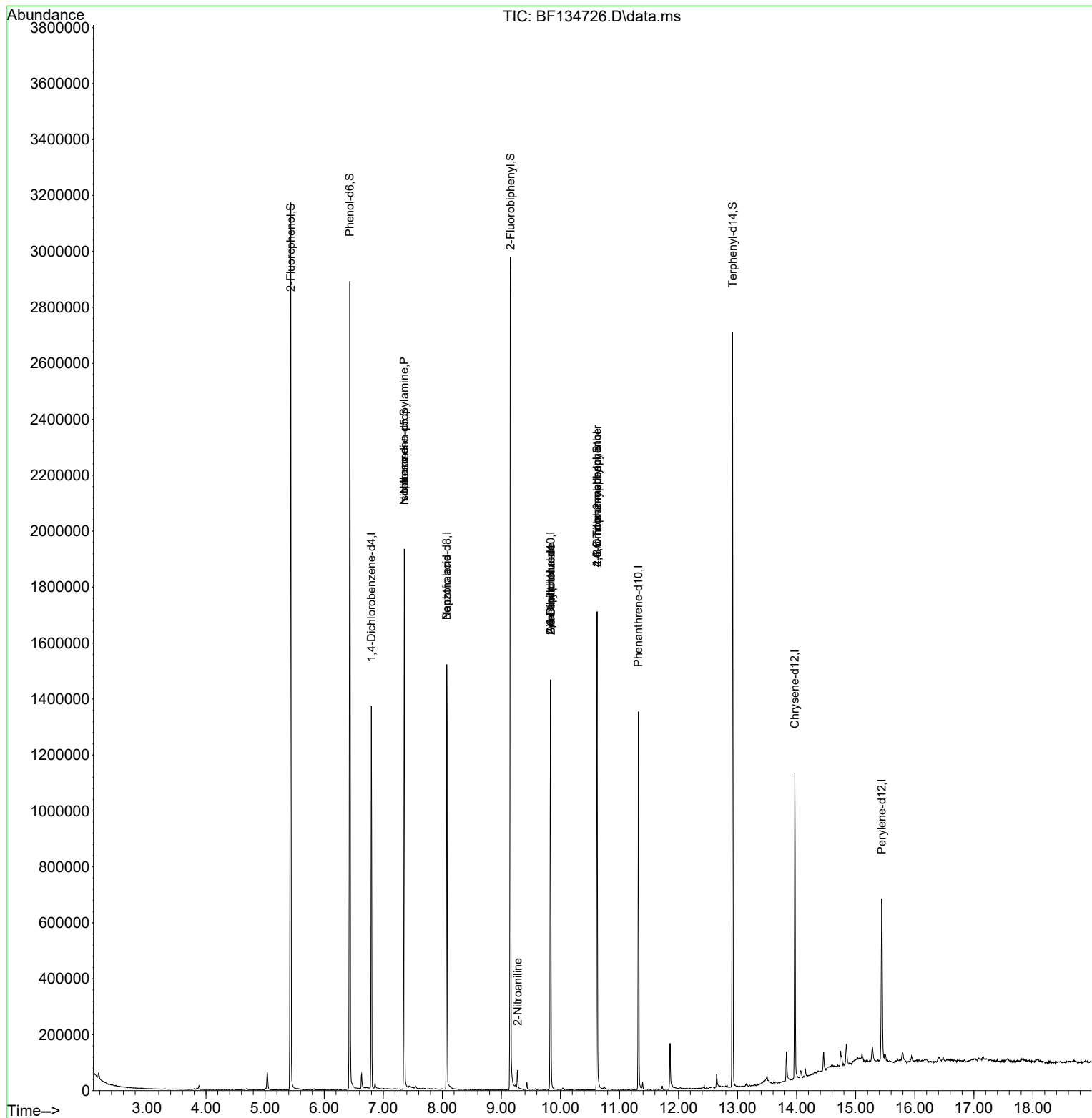
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	182558	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	684961	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	292677	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	456479	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	370144	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	307472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	827747	68.924	ng	0.00
7) Phenol-d6	6.434	99	1017009	66.246	ng	0.00
23) Nitrobenzene-d5	7.357	82	599503	54.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	210410	70.523	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1003613	57.015	ng	0.00
79) Terphenyl-d14	12.916	244	890344	42.404	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.393	77	69	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	78542	8.545	ng	# 75
25) Isophorone	7.357	82	595001	24.889	ng	# 65
32) Benzoic acid	8.075	122	54	7.874	ng	# 1
48) 2-Nitroaniline	9.275	65	839	3.313	ng	# 8
50) Dimethylphthalate	9.834	163	60218	3.019	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	37956	11.299	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	37956	10.083	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	394	8.874	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	13593	2.720	ng	# 1

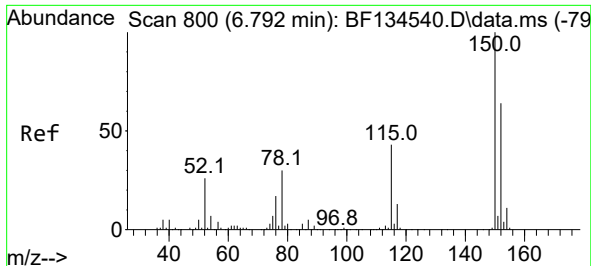
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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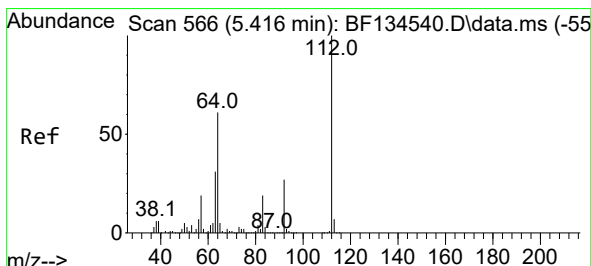
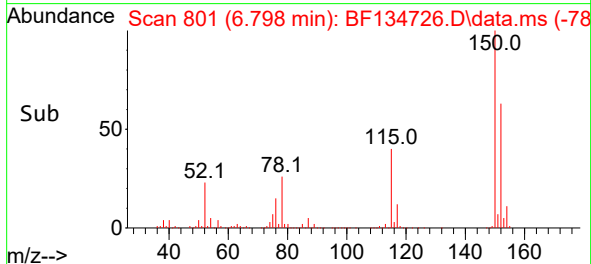
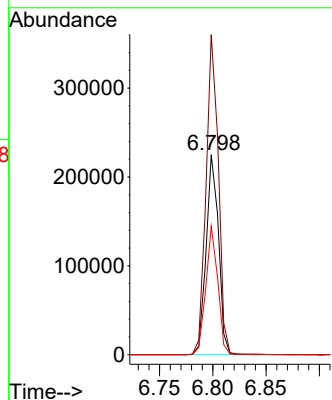
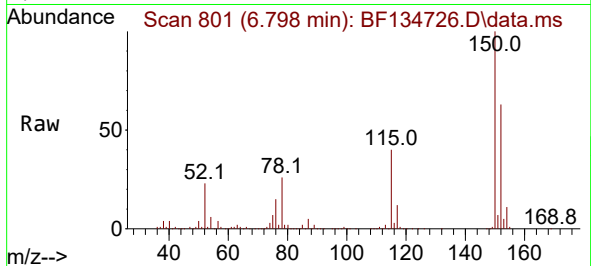




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

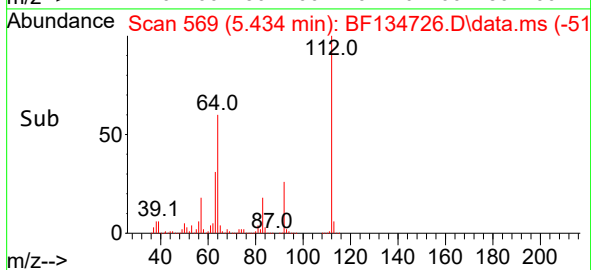
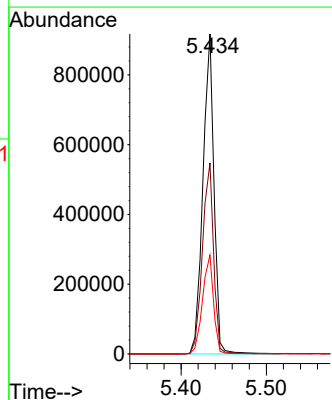
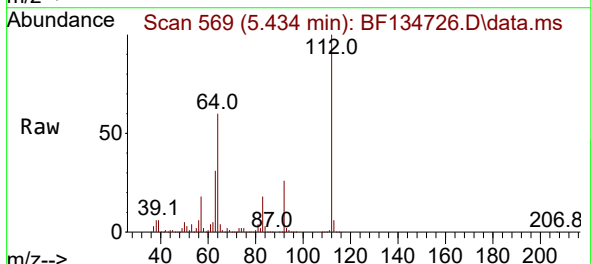
Instrument :
BNA_F
ClientSampleId :
WC-16

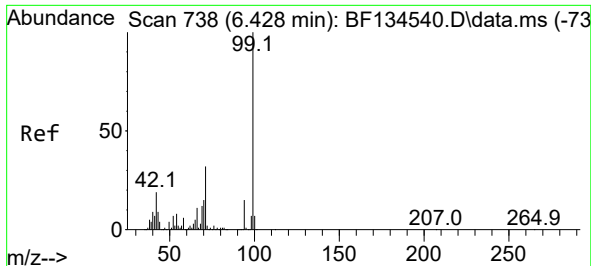
Tgt Ion:152 Resp: 182558
Ion Ratio Lower Upper
152 100
150 159.9 128.3 192.5
115 64.2 52.4 78.6



#5
2-Fluorophenol
Concen: 68.924 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:112 Resp: 827747
Ion Ratio Lower Upper
112 100
64 59.7 44.9 67.3
63 30.9 25.4 38.0

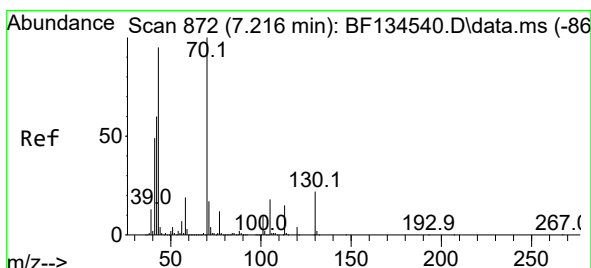
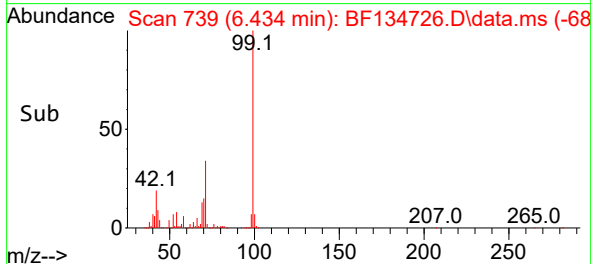
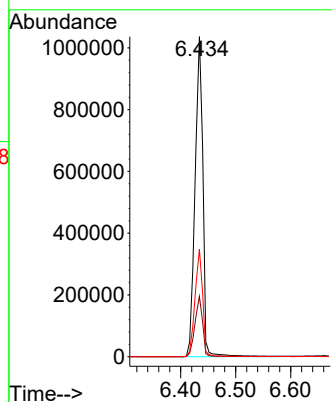
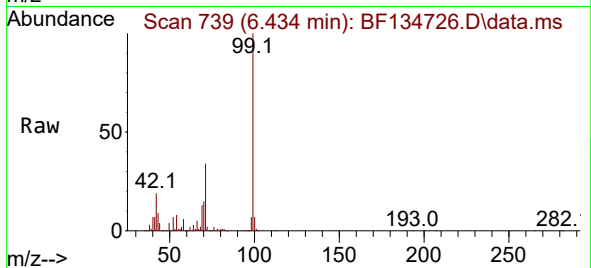




#7
Phenol-d6
Concen: 66.246 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

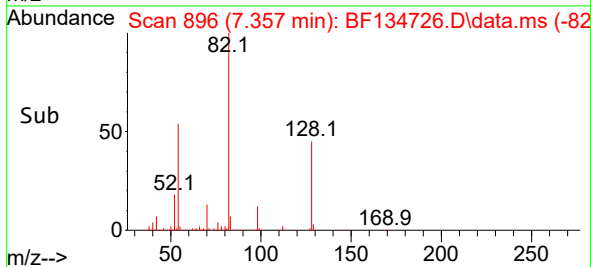
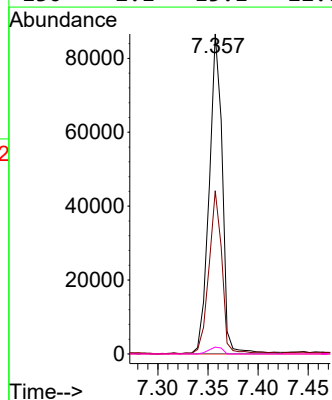
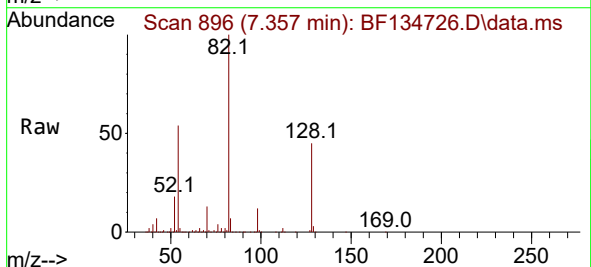
Instrument :
BNA_F
ClientSampleId :
WC-16

Tgt Ion: 99 Resp: 1017009
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 33.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.545 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion: 70 Resp: 78542
Ion Ratio Lower Upper
70 100
42 51.0 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

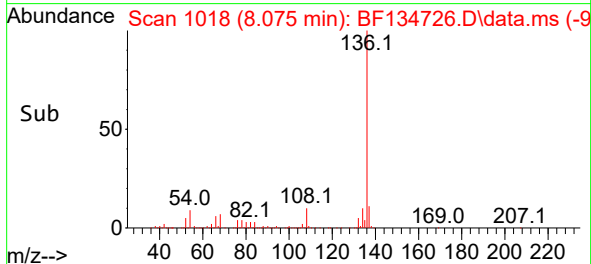
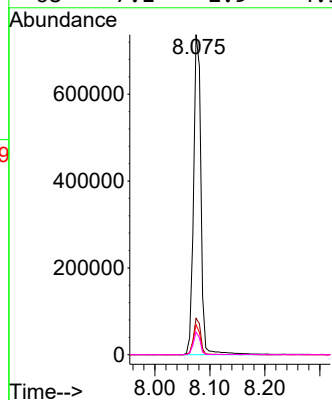
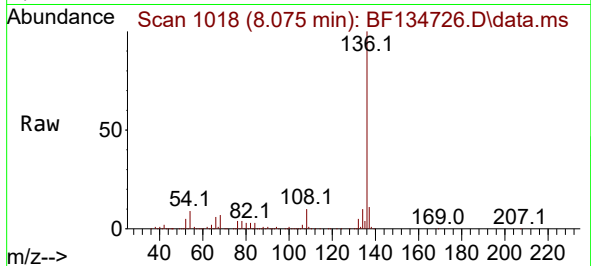




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

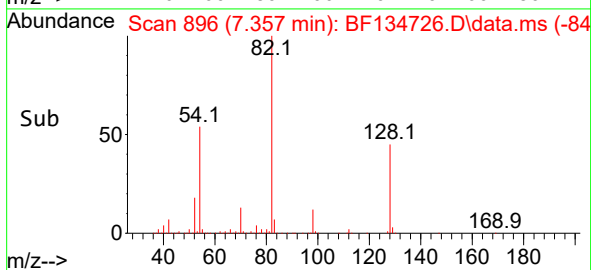
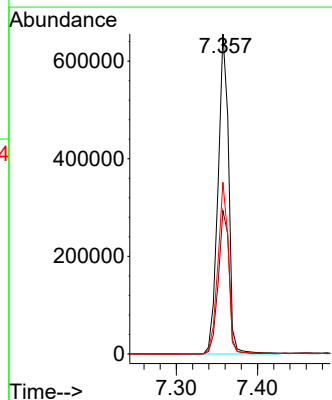
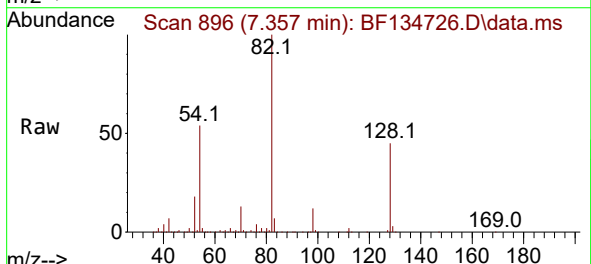
Instrument :
BNA_F
ClientSampleId :
WC-16

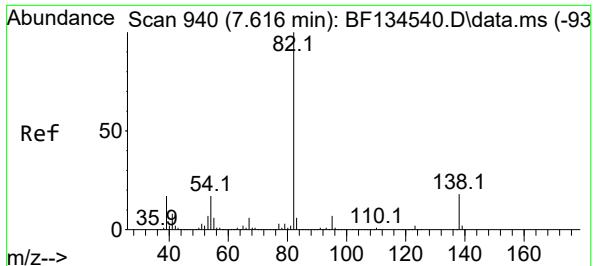
Tgt Ion:136 Resp: 684961
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.4 5.2 7.8#
68 7.1 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 54.696 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion: 82 Resp: 599503
Ion Ratio Lower Upper
82 100
128 44.8 34.3 51.5
54 53.7 43.8 65.6

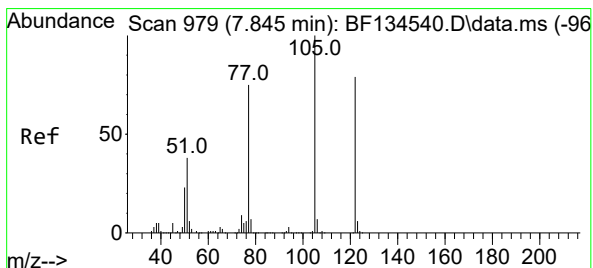
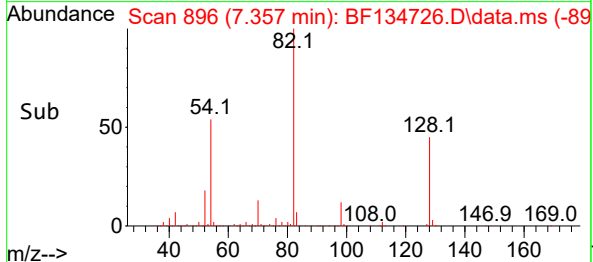
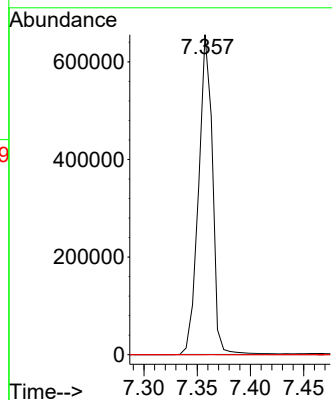
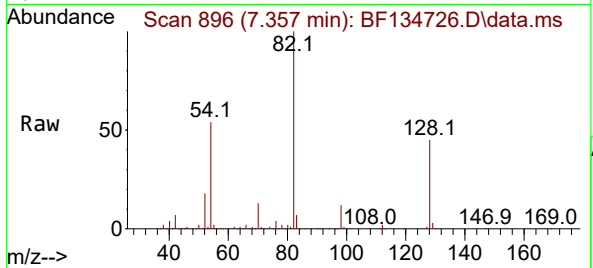




#25
Isophorone
Concen: 24.889 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

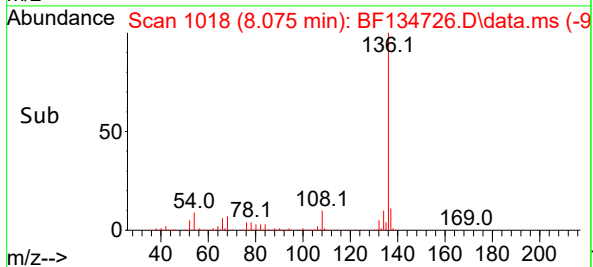
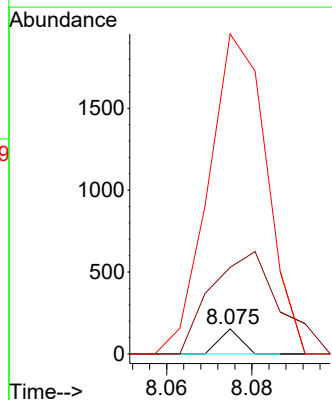
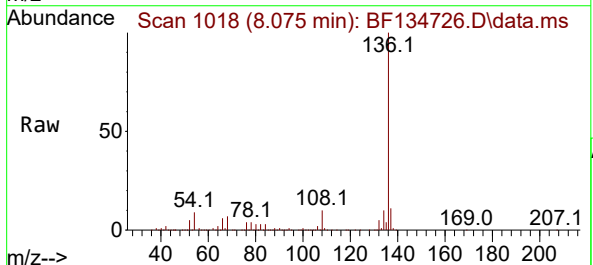
Instrument :
BNA_F
ClientSampleId :
WC-16

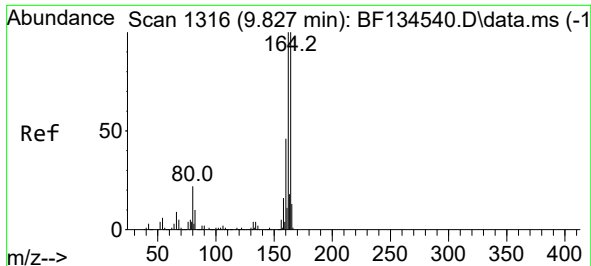
Tgt Ion: 82 Resp: 595001
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 345.1 87.5 127.5#
77 1277.1 71.4 111.4#

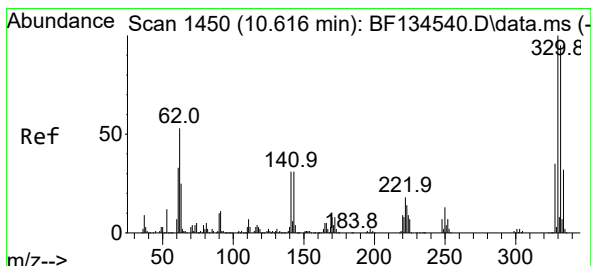
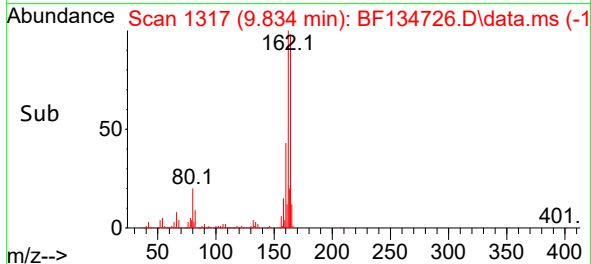
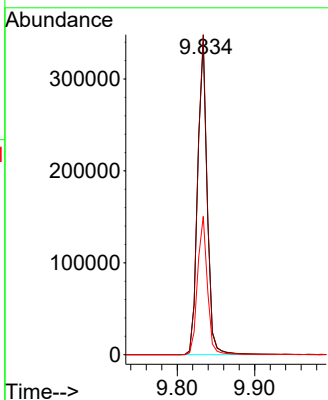
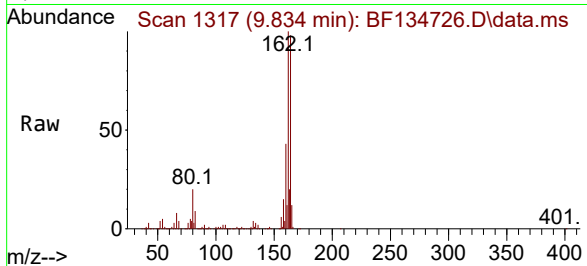




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

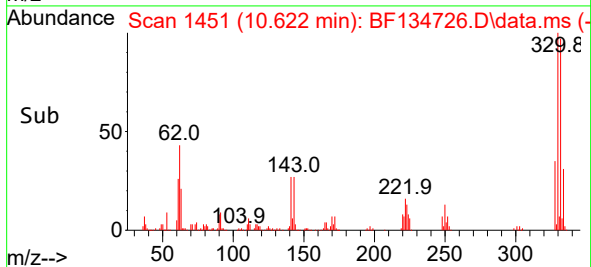
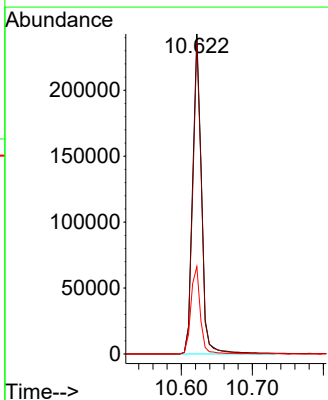
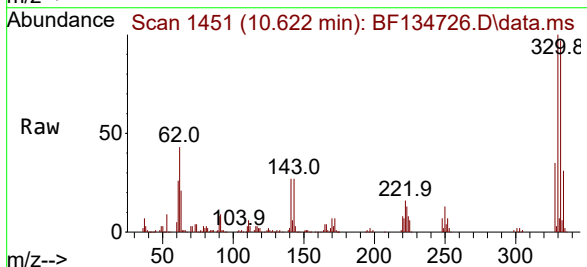
Instrument :
BNA_F
ClientSampleId :
WC-16

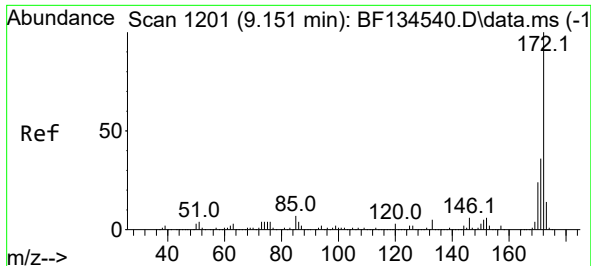
Tgt Ion:164 Resp: 292677
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 70.523 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:330 Resp: 210410
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 29.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 57.015 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

Instrument :

BNA_F

ClientSampleId :

WC-16

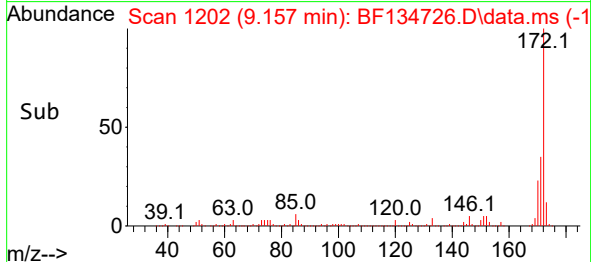
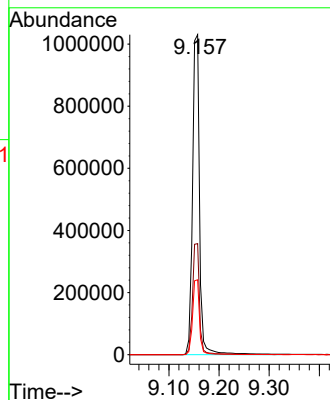
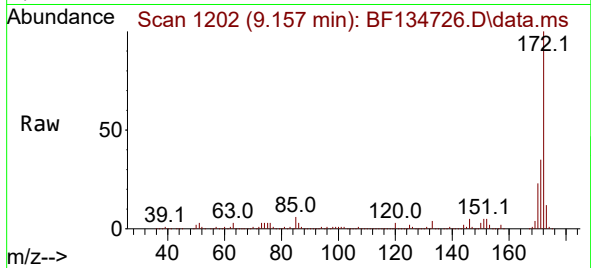
Tgt Ion:172 Resp: 1003613

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.313 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

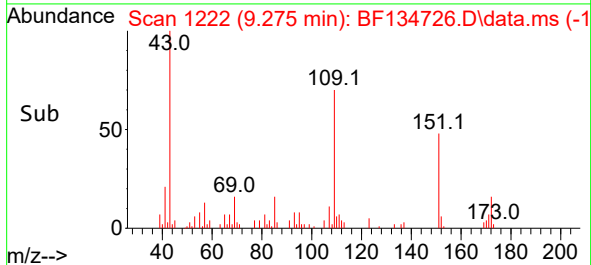
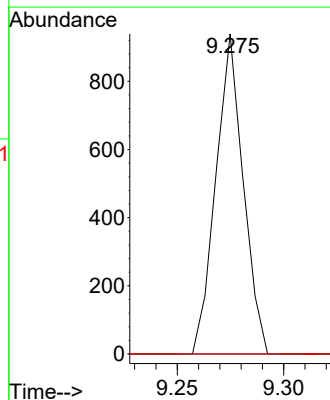
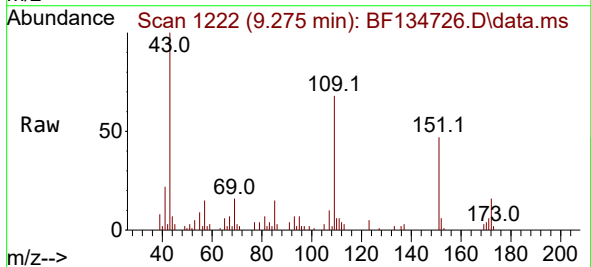
Tgt Ion: 65 Resp: 839

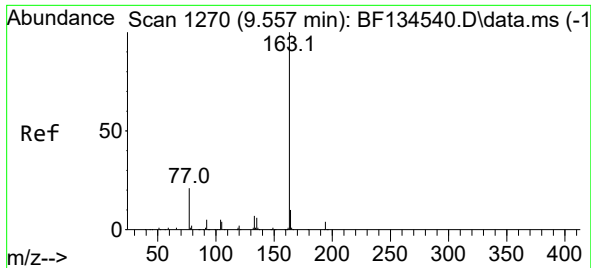
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

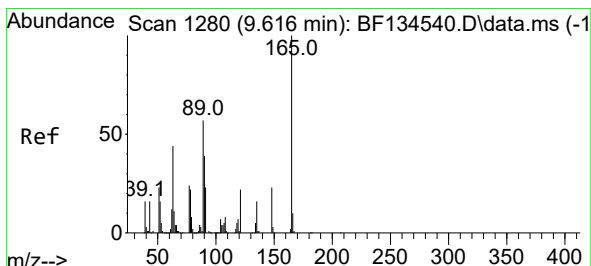
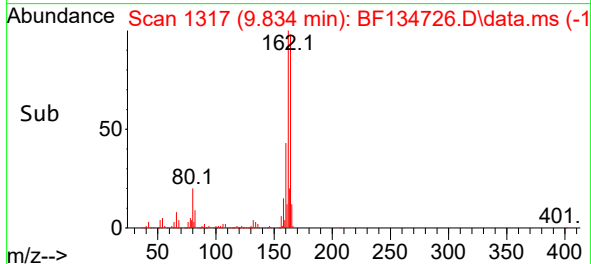
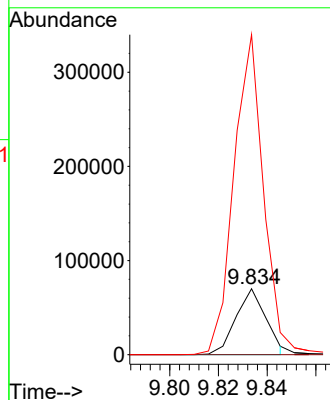
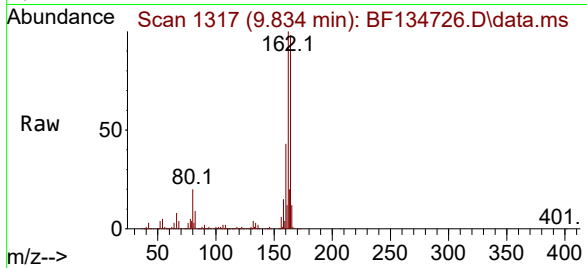




#50
Dimethylphthalate
Concen: 3.019 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

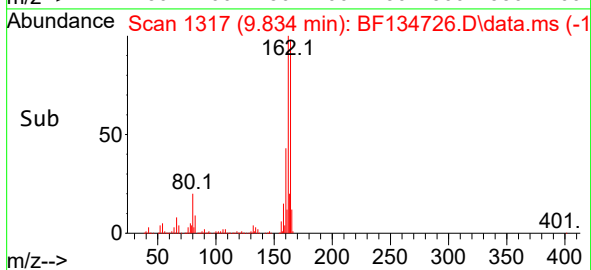
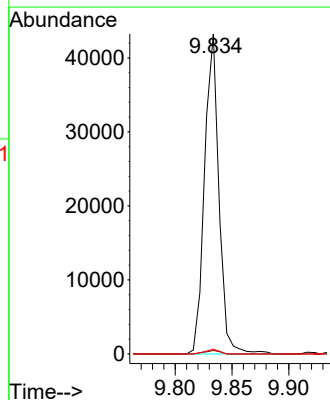
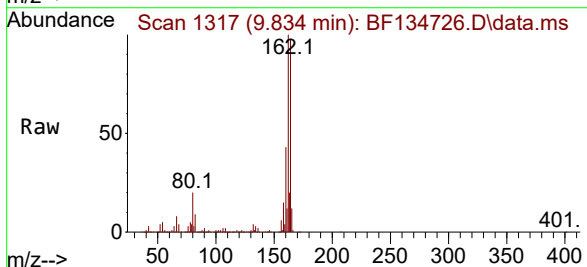
Instrument :
BNA_F
ClientSampleId :
WC-16

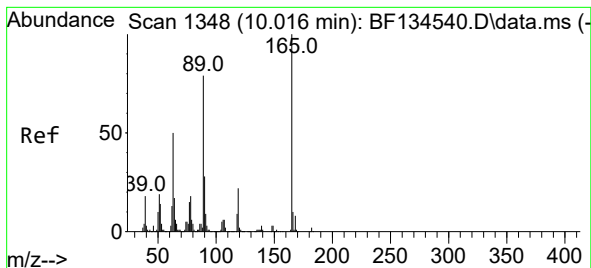
Tgt Ion:163 Resp: 60218
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 485.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.299 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:165 Resp: 37956
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.5 51.8 77.8#

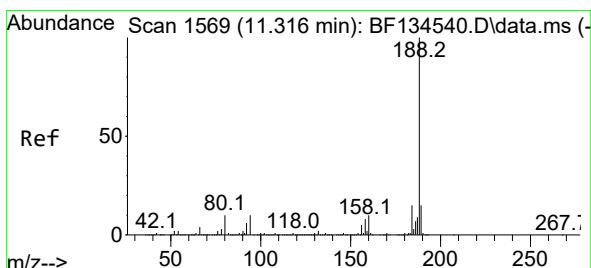
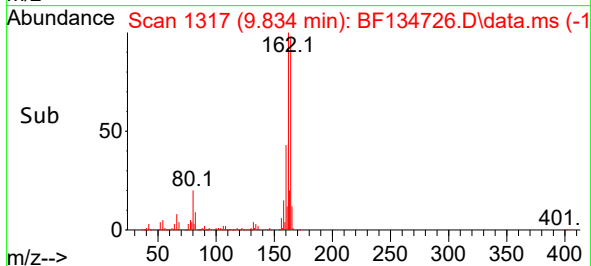
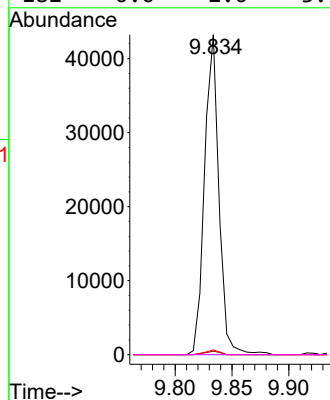
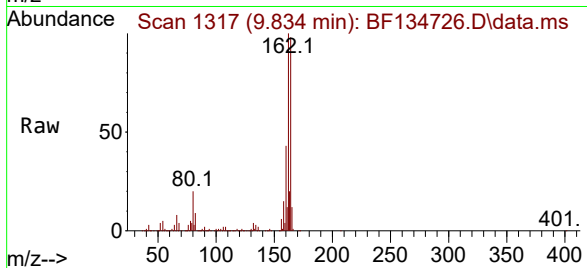




#57
2,4-Dinitrotoluene
Concen: 10.083 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

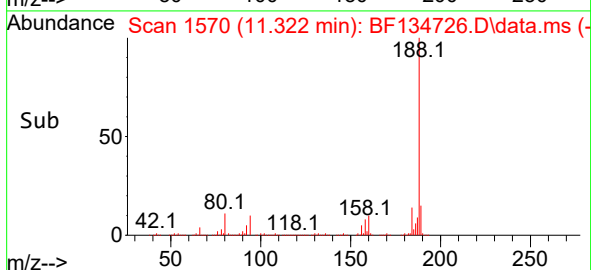
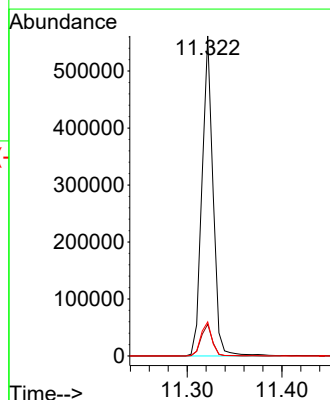
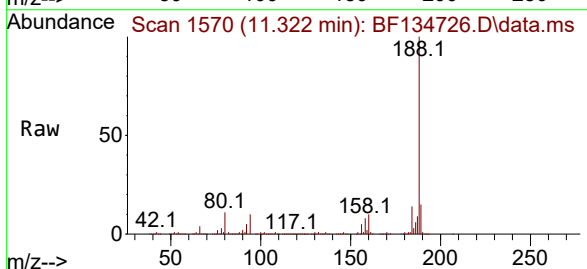
Instrument :
BNA_F
ClientSampleId :
WC-16

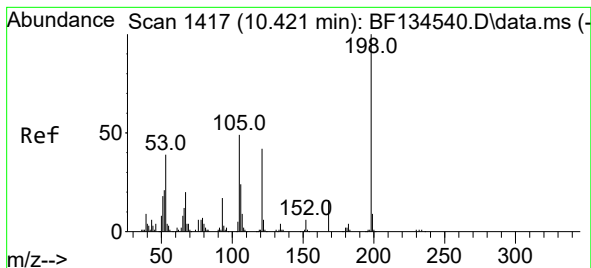
Tgt Ion:165 Resp: 37956
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:188 Resp: 456479
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7#
80 10.7 6.6 9.8#

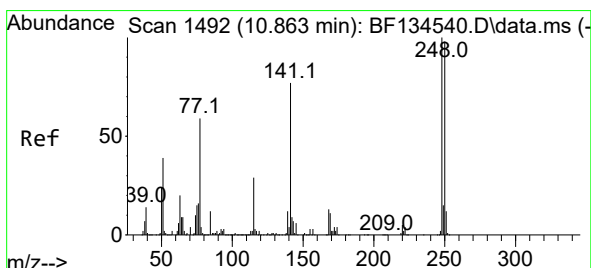
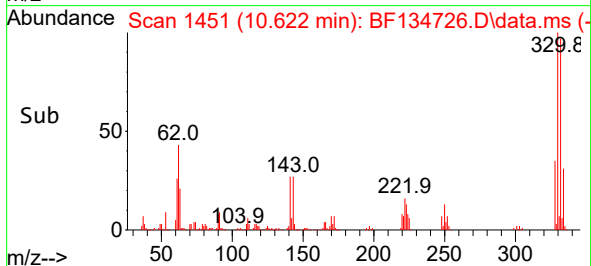
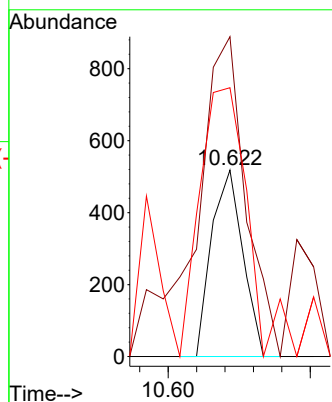
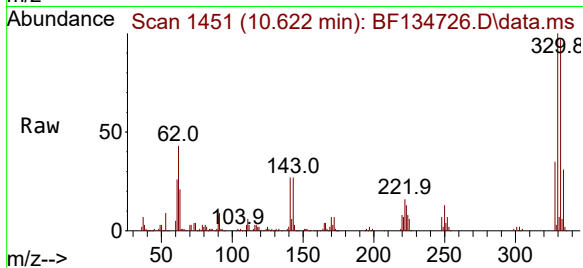




#65
4,6-Dinitro-2-methylphenol
Concen: 8.874 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.183 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

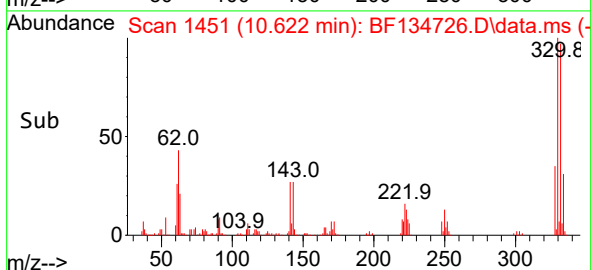
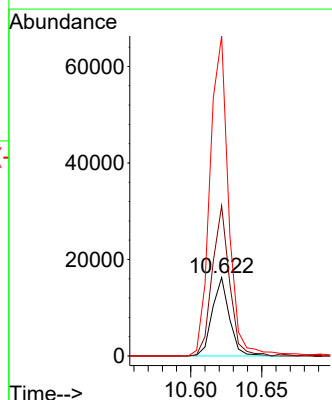
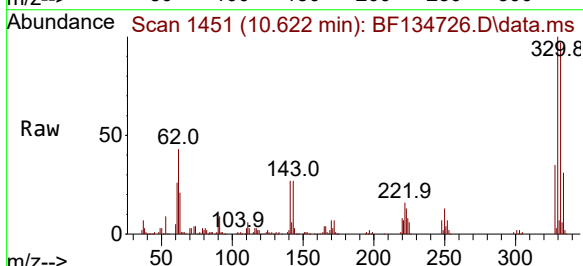
Instrument :
BNA_F
ClientSampleId :
WC-16

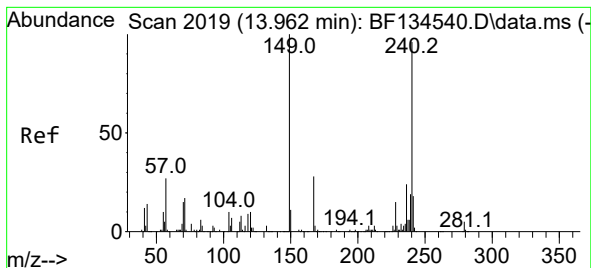
Tgt Ion:198 Resp: 394
Ion Ratio Lower Upper
198 100
51 171.6 38.6 78.6#
105 144.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.720 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:248 Resp: 13593
Ion Ratio Lower Upper
248 100
250 191.4 79.6 119.4#
141 407.7 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

Instrument :

BNA_F

ClientSampleId :

WC-16

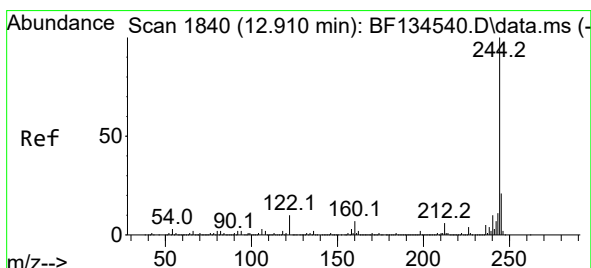
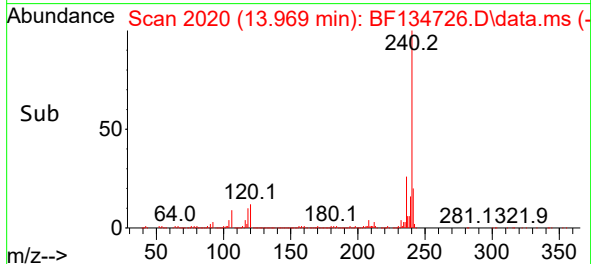
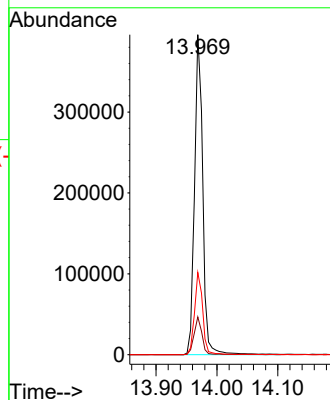
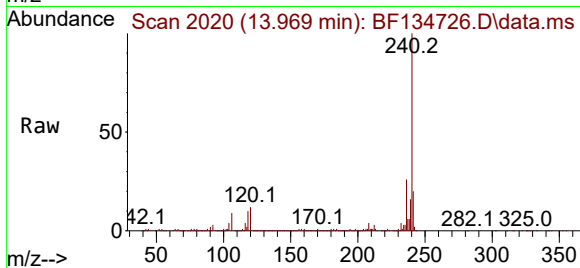
Tgt Ion:240 Resp: 370144

Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 42.404 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

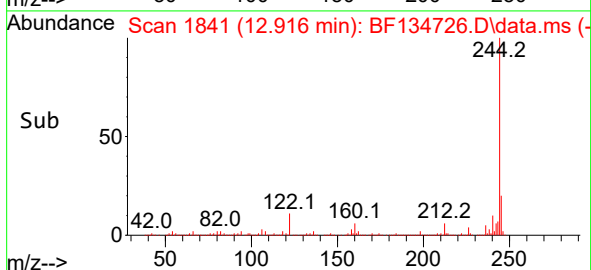
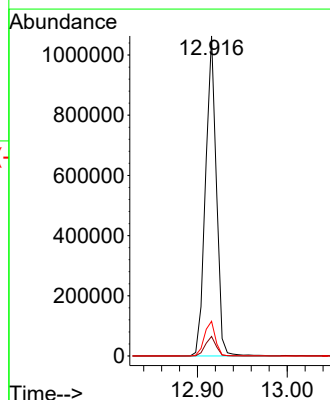
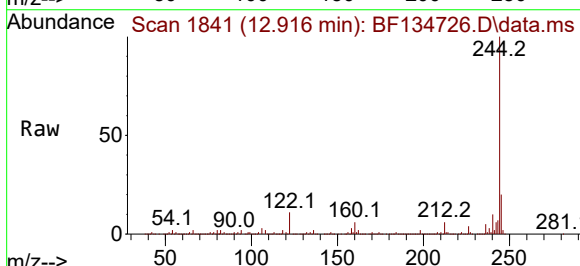
Tgt Ion:244 Resp: 890344

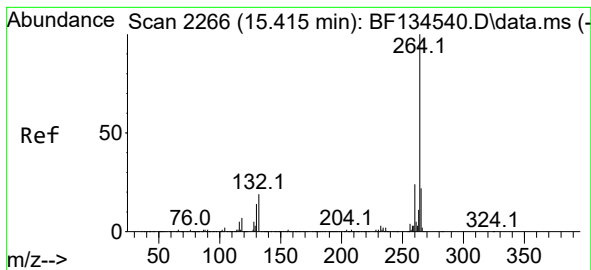
Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.9 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134726.D
 Acq: 11 Aug 2023 11:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-16

Tgt Ion:264 Resp: 307472
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.4 15.8 23.8

