

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134733.D
 Acq On : 11 Aug 2023 15:29
 Operator : CG\JU
 Sample : 03971-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP01A

Quant Time: Aug 11 22:22:01 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)

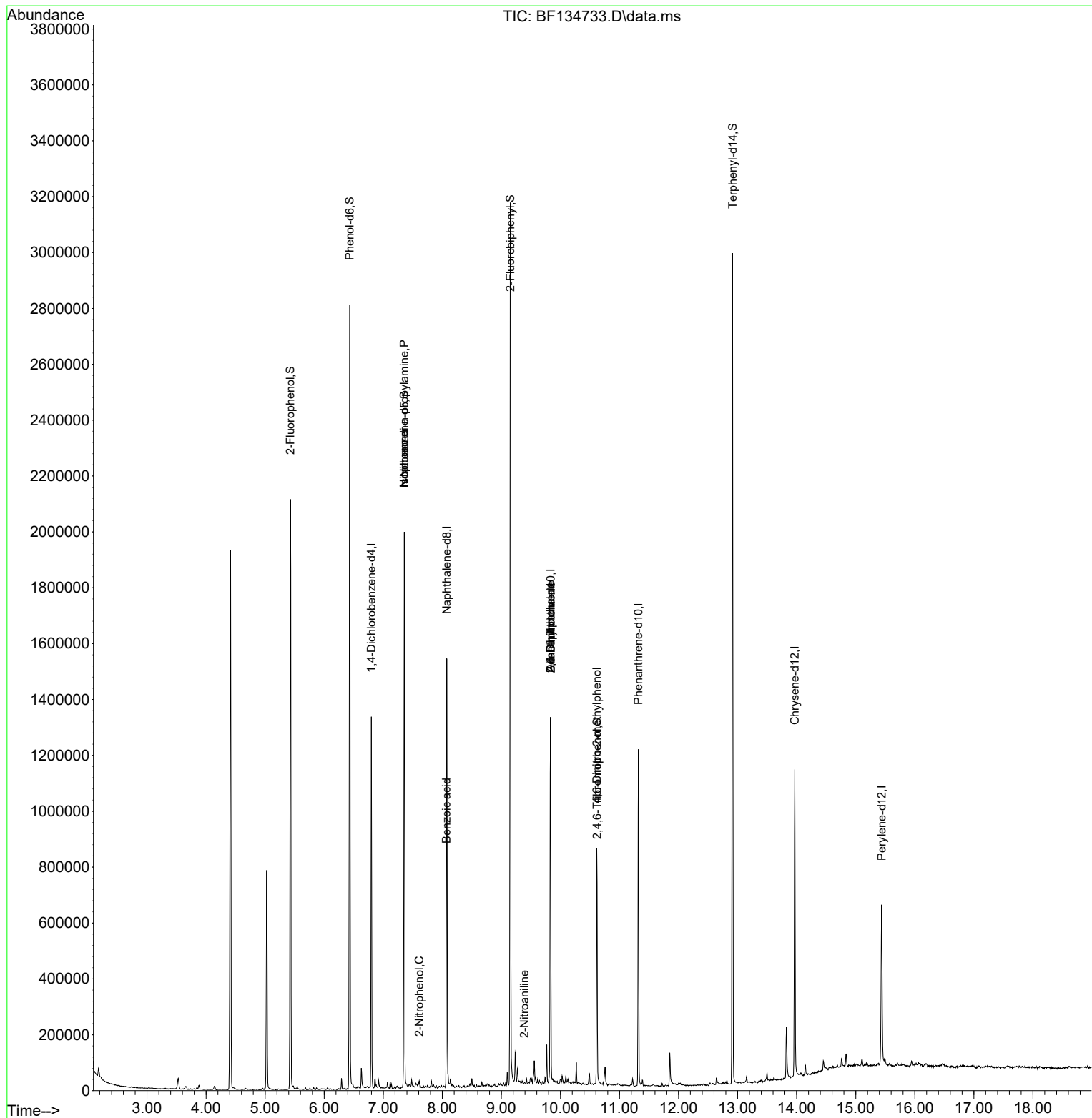
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	171381	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	636347	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	259666	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	427614	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	370687	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	276962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	576907	51.170	ng	0.00
7) Phenol-d6	6.434	99	909098	63.079	ng	0.00
23) Nitrobenzene-d5	7.357	82	610820	59.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	105562	39.879	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1008616	64.584	ng	-0.01
79) Terphenyl-d14	12.915	244	1044942	49.694	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	638	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.357	70	80155	9.289	ng	# 74
25) Isophorone	7.357	82	601165	27.068	ng	# 65
26) 2-Nitrophenol	7.610	139	135	4.818	ng	# 33
32) Benzoic acid	8.069	122	232	7.897	ng	# 1
48) 2-Nitroaniline	9.392	65	203	3.206	ng	# 24
50) Dimethylphthalate	9.833	163	54318	3.069	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	35634	11.811	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	35634	10.504	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	185	8.787	ng	# 1

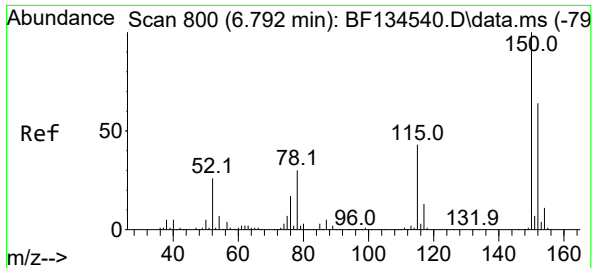
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134733.D
Acq On : 11 Aug 2023 15:29
Operator : CG\JU
Sample : 03971-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP01A

Quant Time: Aug 11 22:22:01 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

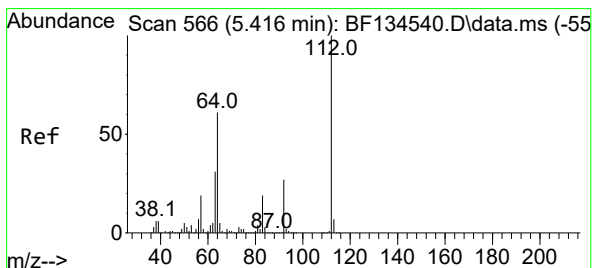
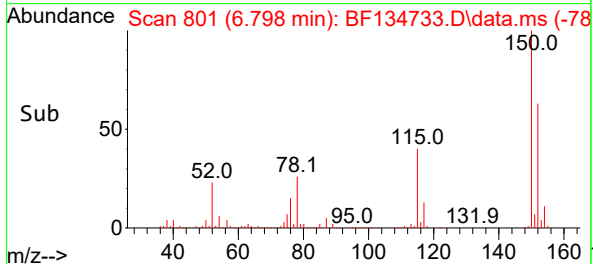
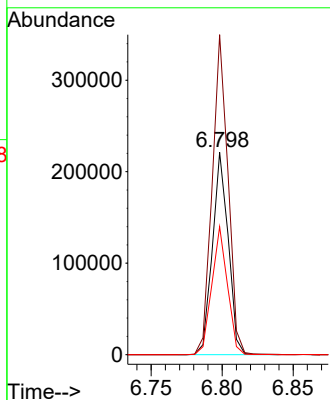
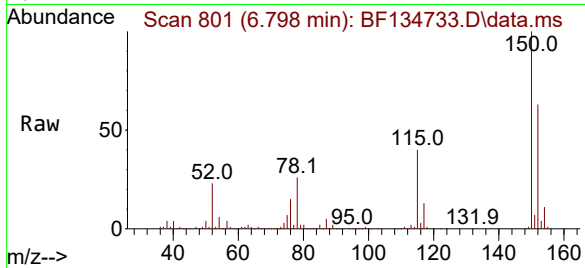




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

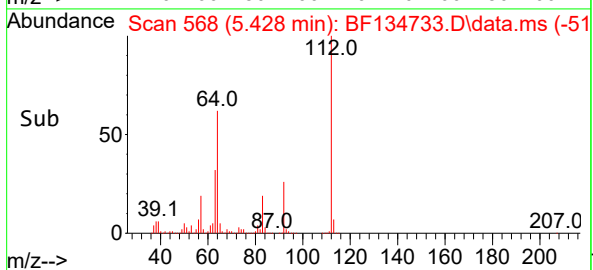
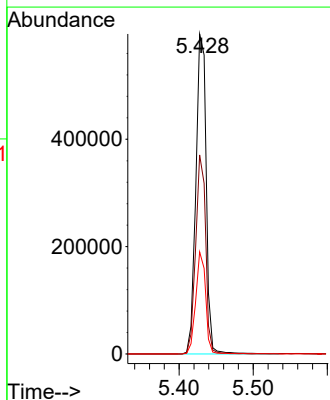
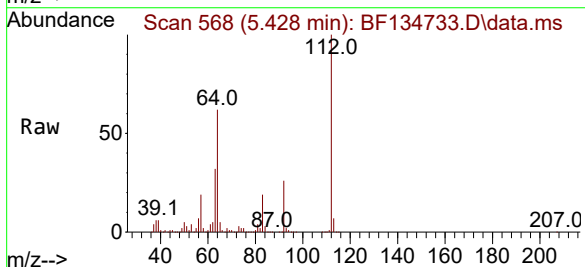
Instrument :
BNA_F
ClientSampleId :
B-PP01A

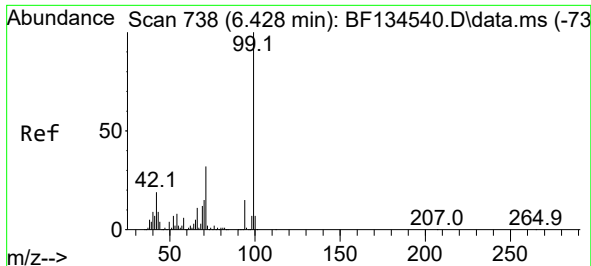
Tgt Ion:152 Resp: 171381
Ion Ratio Lower Upper
152 100
150 158.0 128.3 192.5
115 63.2 52.4 78.6



#5
2-Fluorophenol
Concen: 51.170 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Tgt Ion:112 Resp: 576907
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 31.9 25.4 38.0

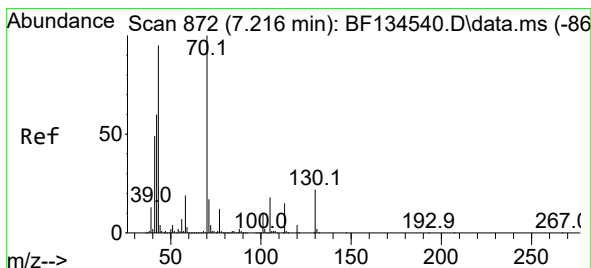
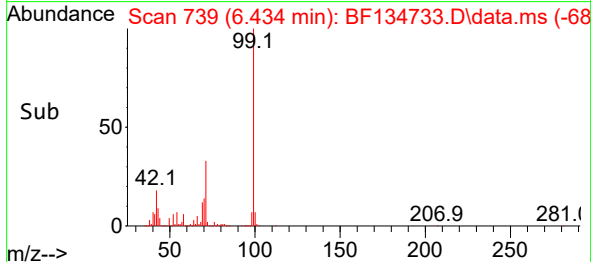
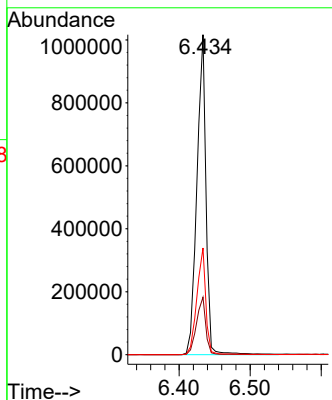
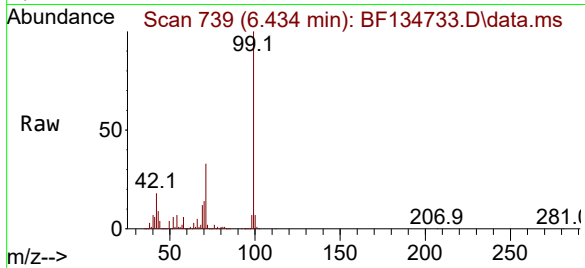




#7
Phenol-d6
Concen: 63.079 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

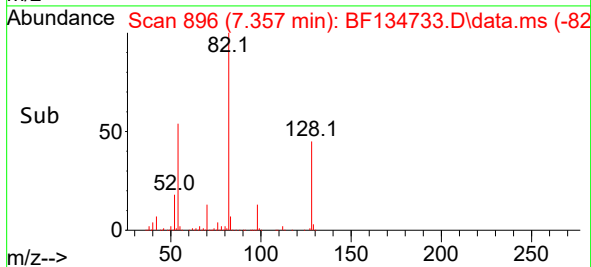
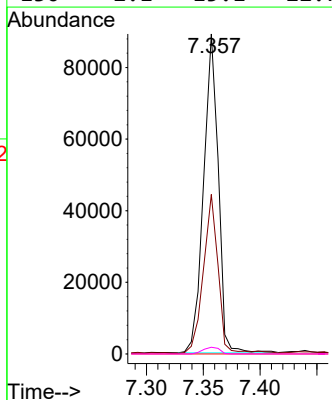
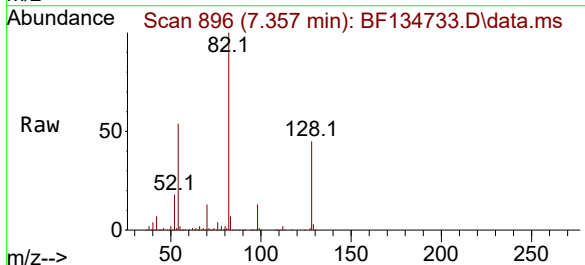
Instrument :
BNA_F
ClientSampleId :
B-PP01A

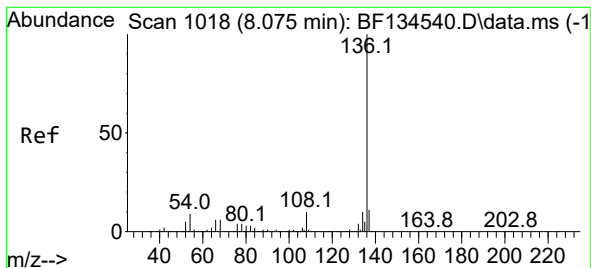
Tgt Ion: 99 Resp: 909098
Ion Ratio Lower Upper
99 100
42 18.0 18.7 28.1#
71 33.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.289 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Tgt Ion: 70 Resp: 80155
Ion Ratio Lower Upper
70 100
42 49.8 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: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA_F

ClientSampleId :

B-PP01A

Tgt Ion:136 Resp: 636347

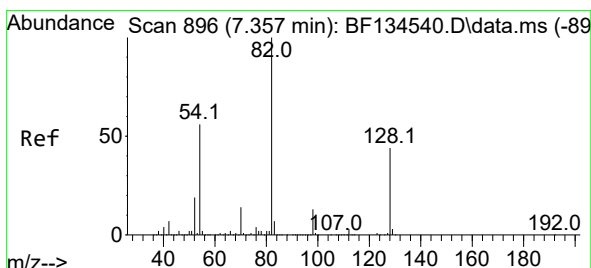
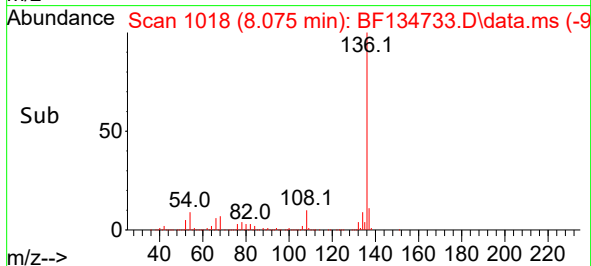
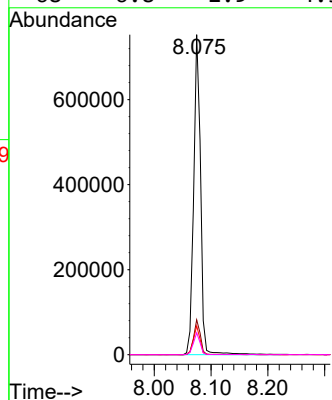
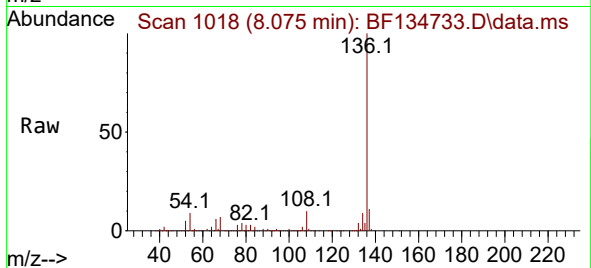
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.0 5.2 7.8#

68 6.8 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 59.986 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

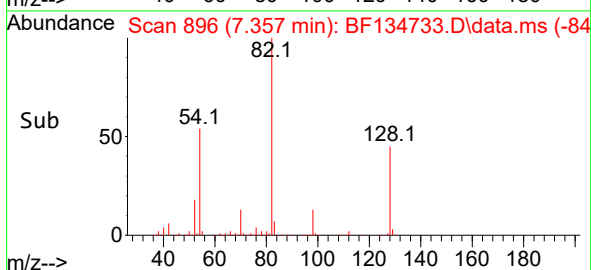
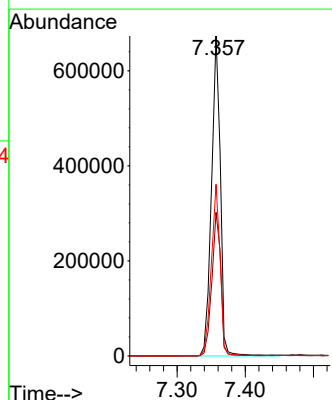
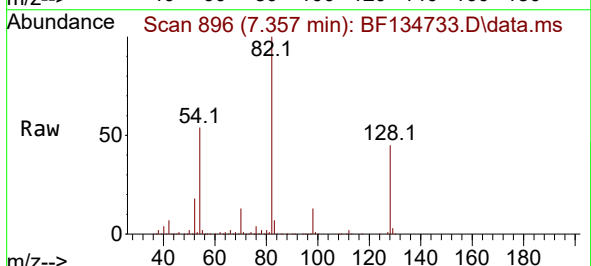
Tgt Ion: 82 Resp: 610820

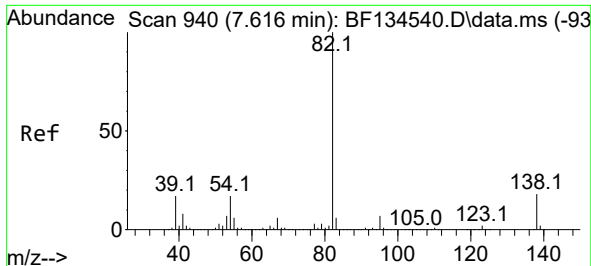
Ion Ratio Lower Upper

82 100

128 44.9 34.3 51.5

54 53.7 43.8 65.6

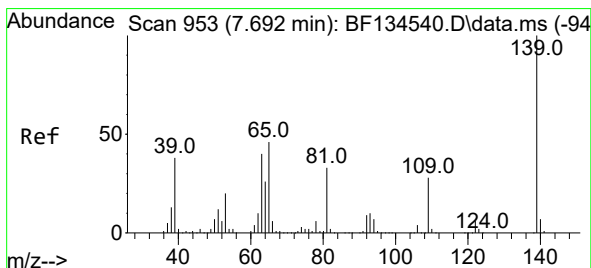
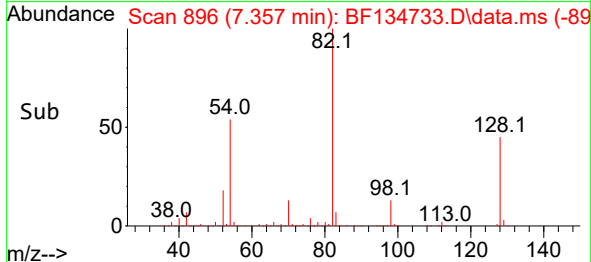
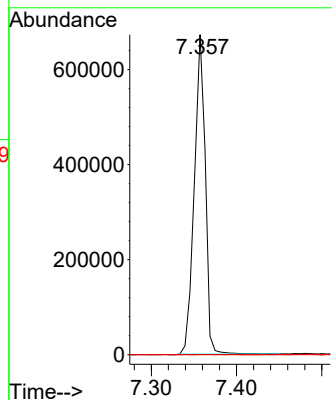
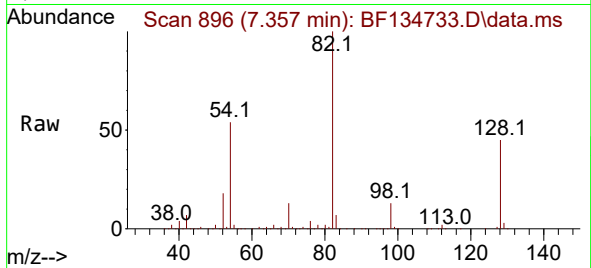




#25
Isophorone
Concen: 27.068 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

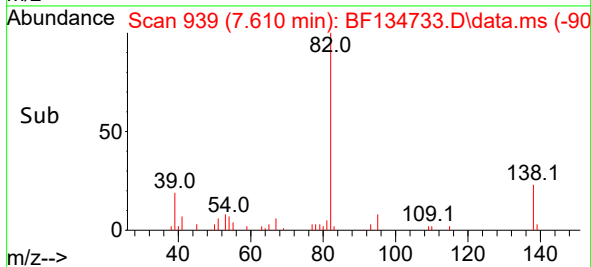
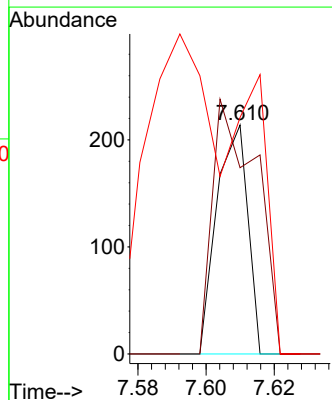
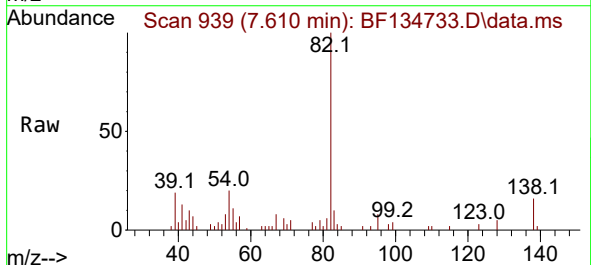
Instrument :
BNA_F
ClientSampleId :
B-PP01A

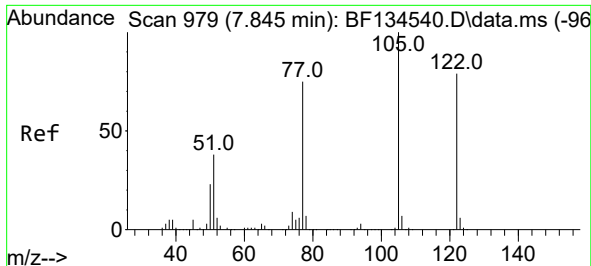
Tgt Ion: 82 Resp: 601165
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.818 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.088 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Tgt Ion: 139 Resp: 135
Ion Ratio Lower Upper
139 100
109 81.3 29.8 44.6#
65 103.3 45.4 68.2#

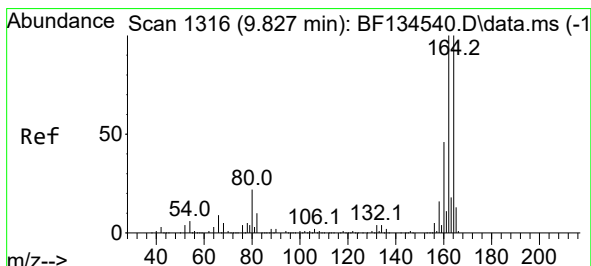
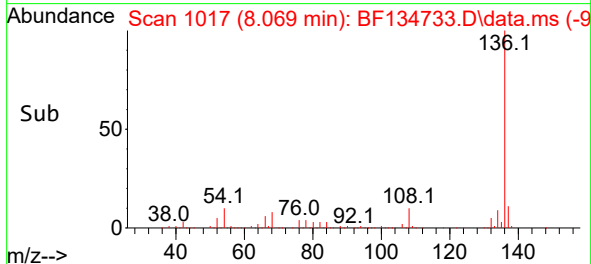
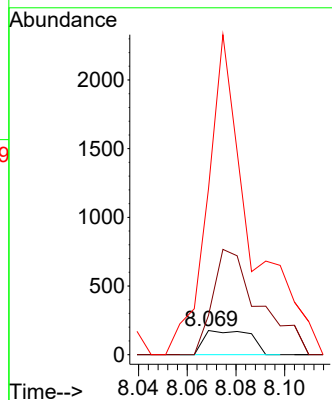
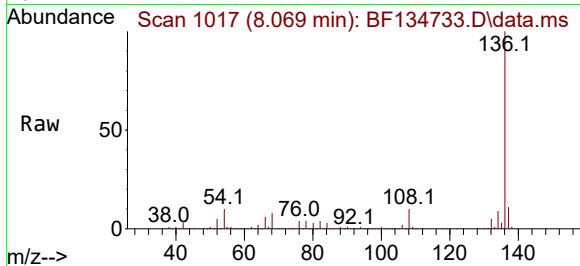




#32
Benzoic acid
Concen: 7.897 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

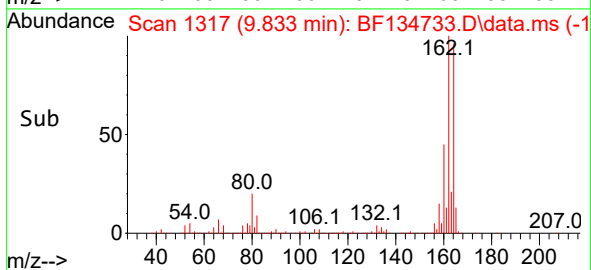
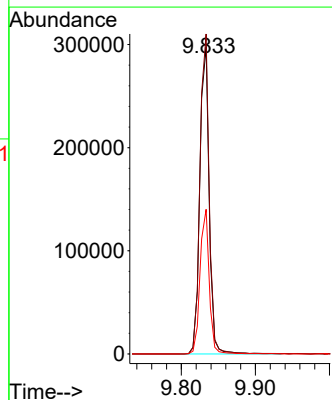
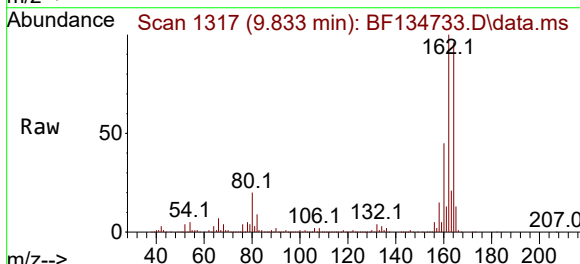
Instrument :
BNA_F
ClientSampleId :
B-PP01A

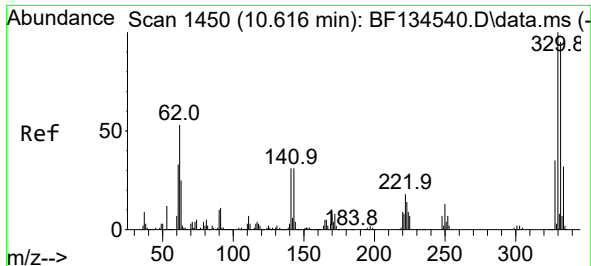
Tgt Ion:122 Resp: 232
Ion Ratio Lower Upper
122 100
105 163.1 87.5 127.5#
77 686.9 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Tgt Ion:164 Resp: 259666
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 47.1 37.2 55.8

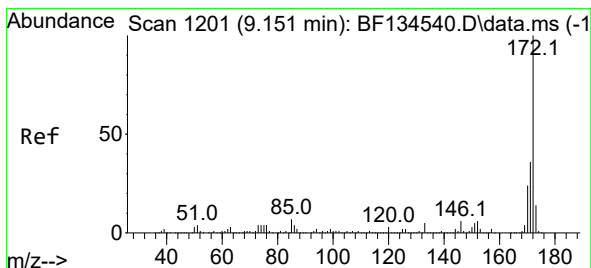
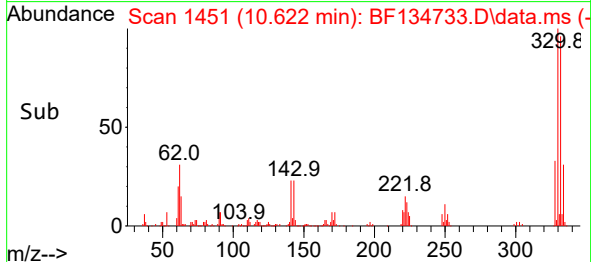
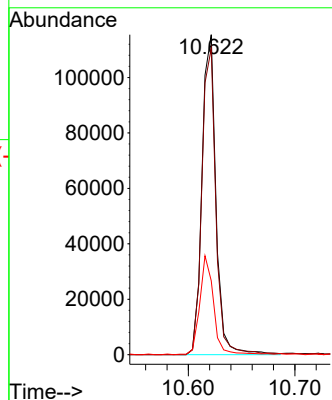
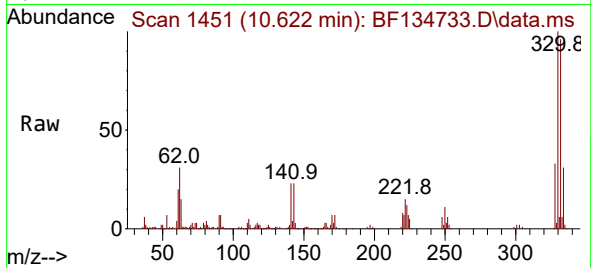




#42
2,4,6-Tribromophenol
Concen: 39.879 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

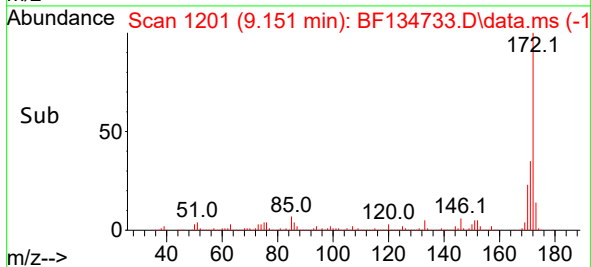
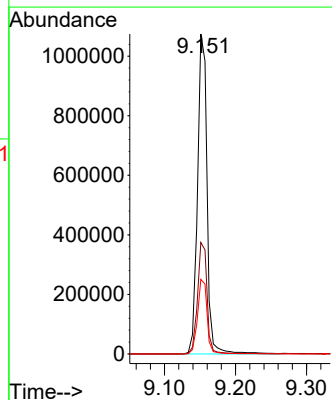
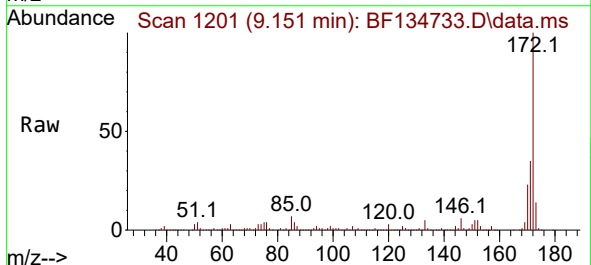
Instrument :
BNA_F
ClientSampleId :
B-PP01A

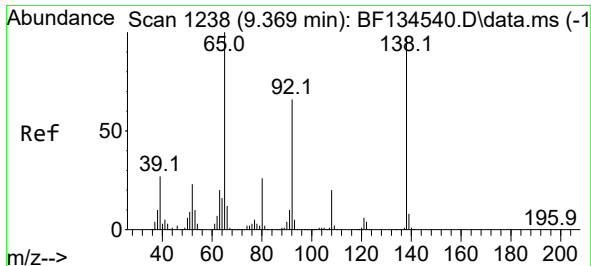
Tgt Ion:330 Resp: 105562
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 30.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.584 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Tgt Ion:172 Resp: 1008616
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.3 18.7 28.1





#48

2-Nitroaniline

Concen: 3.206 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA_F

ClientSampleId :

B-PP01A

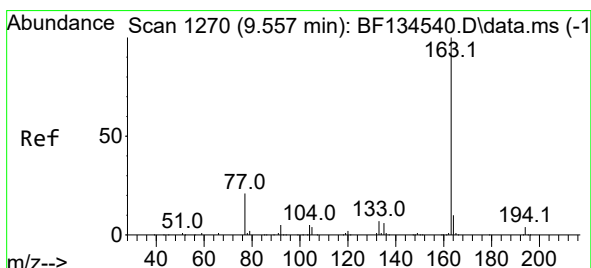
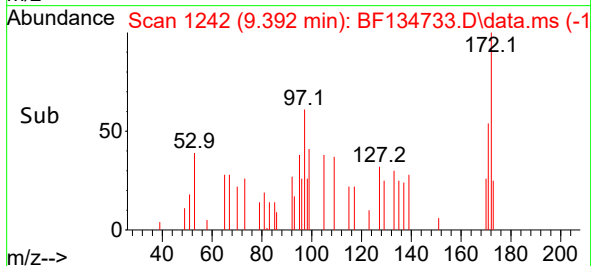
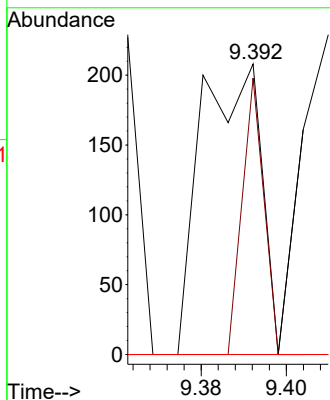
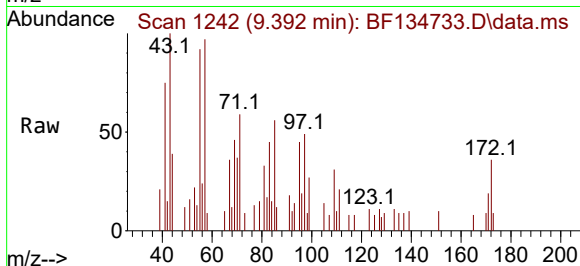
Tgt Ion: 65 Resp: 203

Ion Ratio Lower Upper

65 100

92 95.2 50.7 76.1#

138 0.0 78.2 117.4#



#50

Dimethylphthalate

Concen: 3.069 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.265 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

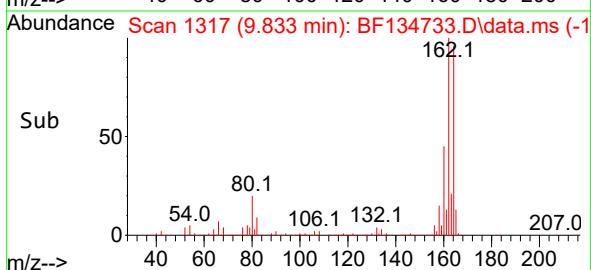
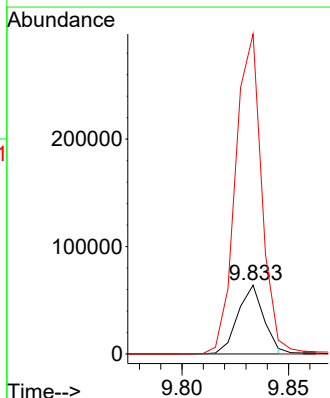
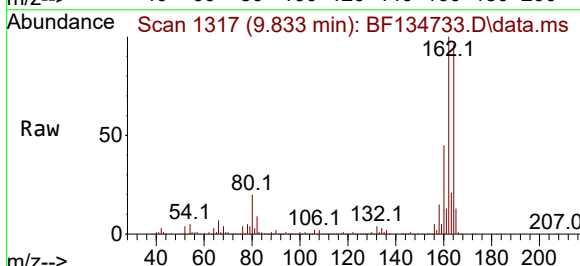
Tgt Ion: 163 Resp: 54318

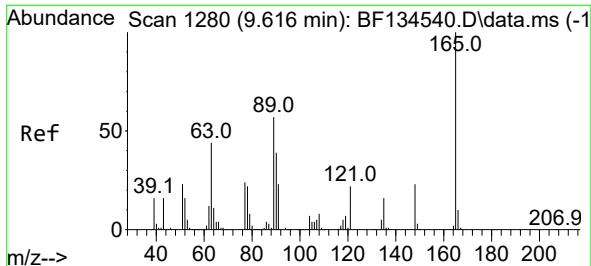
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 464.8 7.5 11.3#

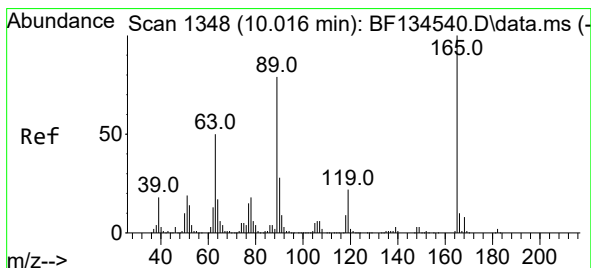
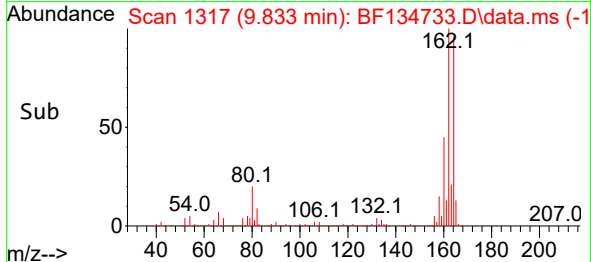
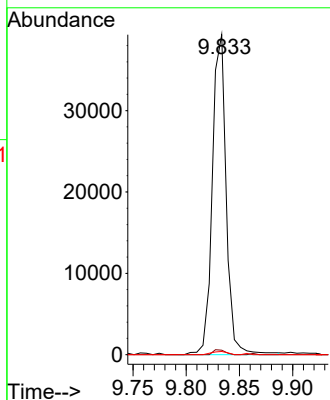
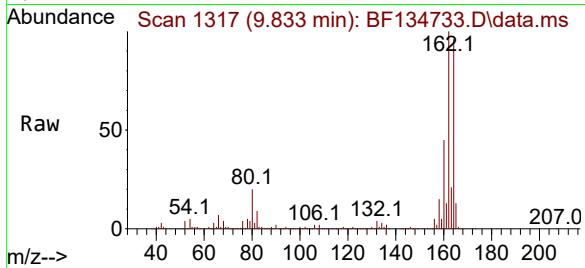




#51
 2,6-Dinitrotoluene
 Concen: 11.811 ng
 RT: 9.833 min Scan# 11
 Delta R.T. 0.206 min
 Lab File: BF134733.D
 Acq: 11 Aug 2023 15:29

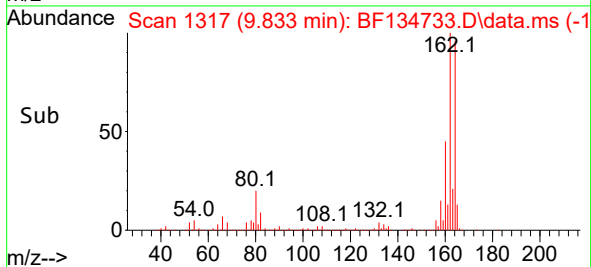
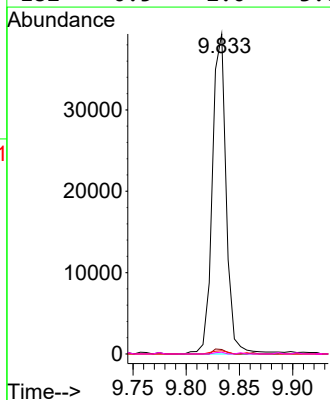
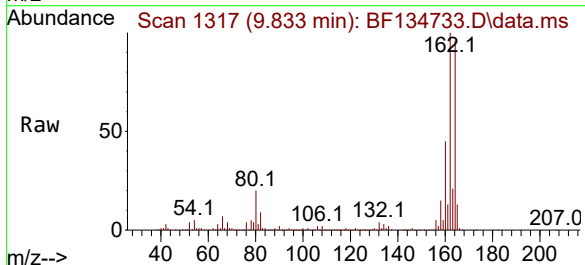
Instrument :
 BNA_F
 ClientSampleId :
 B-PP01A

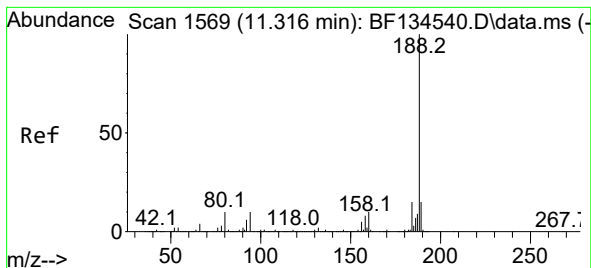
Tgt Ion:165 Resp: 35634
 Ion Ratio Lower Upper
 165 100
 63 1.4 57.8 86.6#
 89 1.0 51.8 77.8#



#57
 2,4-Dinitrotoluene
 Concen: 10.504 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.194 min
 Lab File: BF134733.D
 Acq: 11 Aug 2023 15:29

Tgt Ion:165 Resp: 35634
 Ion Ratio Lower Upper
 165 100
 63 1.4 48.9 73.3#
 89 1.0 61.7 92.5#
 182 0.5 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

Instrument :

BNA_F

ClientSampleId :

B-PP01A

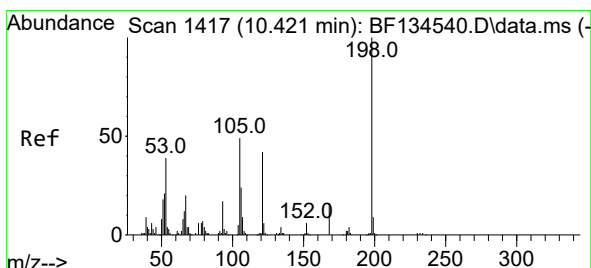
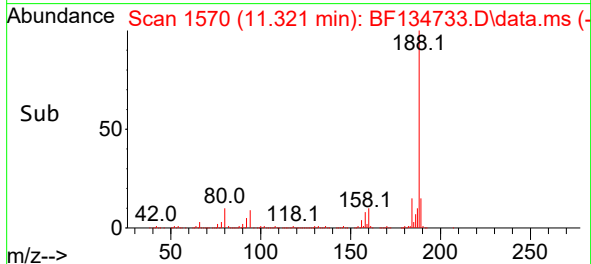
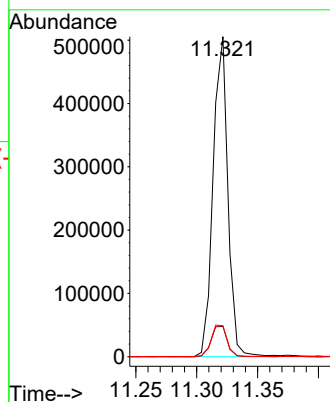
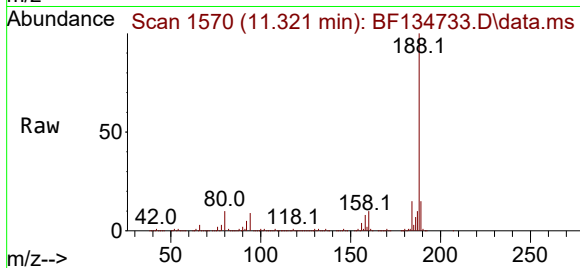
Tgt Ion:188 Resp: 427614

Ion Ratio Lower Upper

188 100

94 9.5 5.1 7.7#

80 9.7 6.6 9.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.787 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.176 min

Lab File: BF134733.D

Acq: 11 Aug 2023 15:29

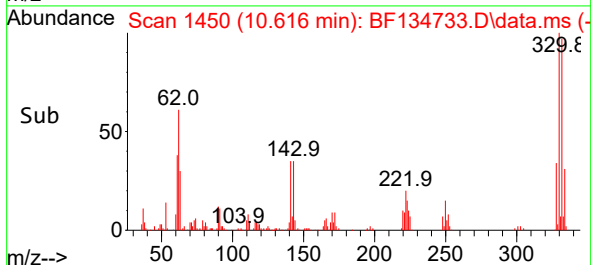
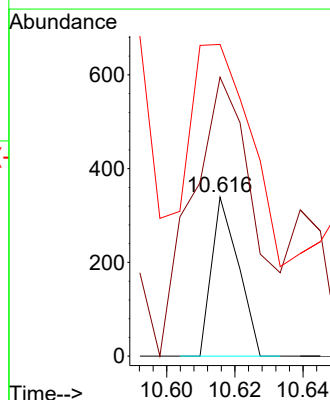
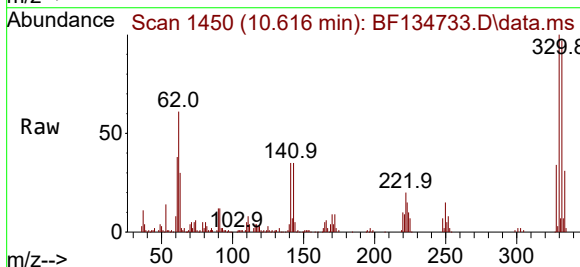
Tgt Ion:198 Resp: 185

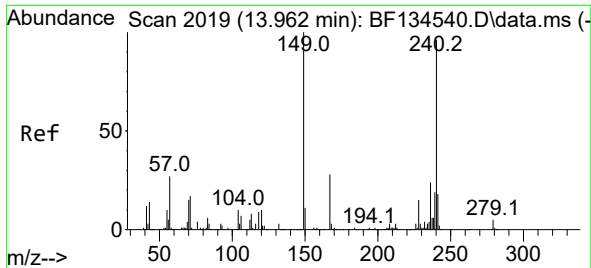
Ion Ratio Lower Upper

198 100

51 175.5 38.6 78.6#

105 196.2 27.9 67.9#

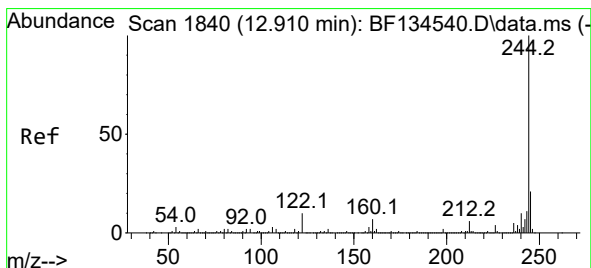
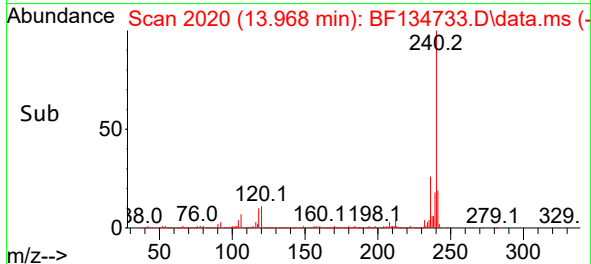
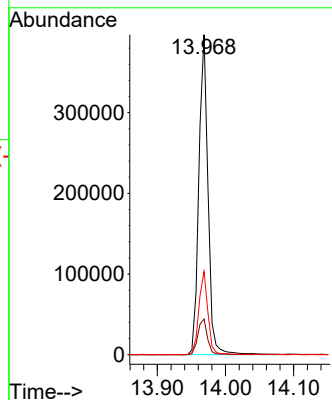
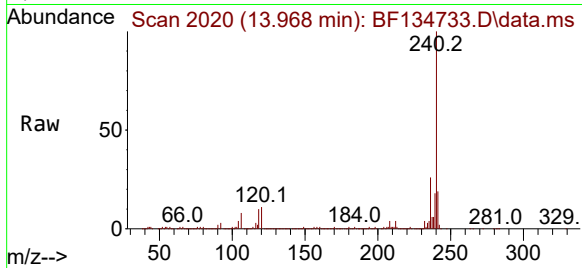




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

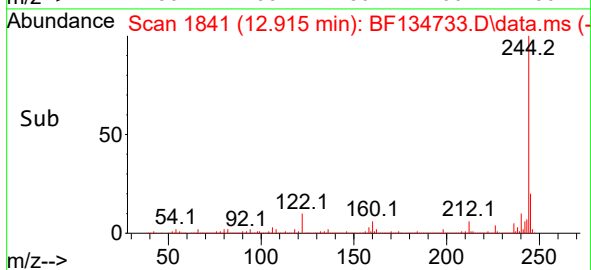
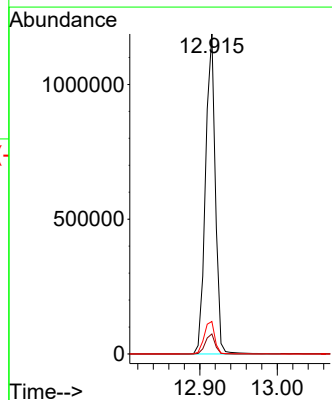
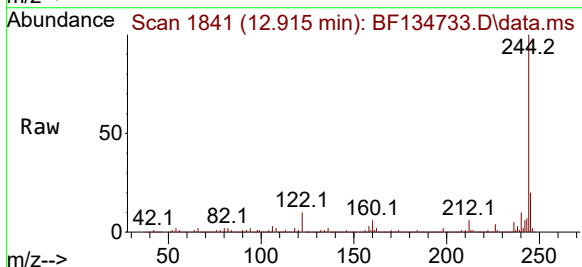
Instrument :
BNA_F
ClientSampleId :
B-PP01A

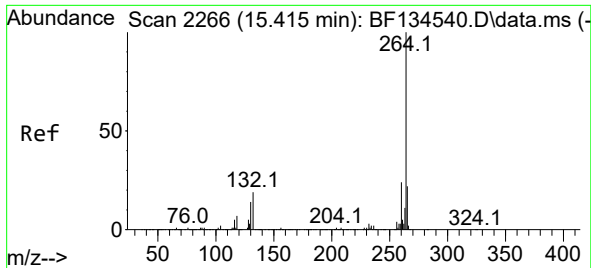
Tgt Ion:240 Resp: 370687
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 49.694 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

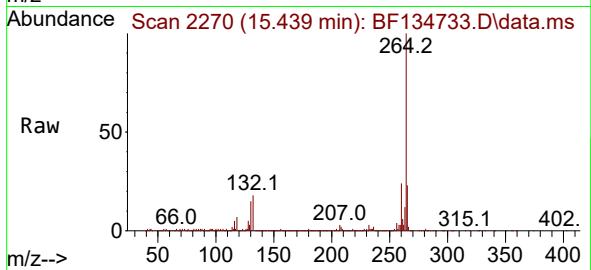
Tgt Ion:244 Resp: 1044942
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134733.D
Acq: 11 Aug 2023 15:29

Instrument :
BNA_F
ClientSampleId :
B-PP01A



Tgt Ion:264 Resp: 276962
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.9 15.8 23.8

