

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134824.D
 Acq On : 17 Aug 2023 18:56
 Operator : CG\JU
 Sample : 04046-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-5)

Quant Time: Aug 18 01:07:25 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

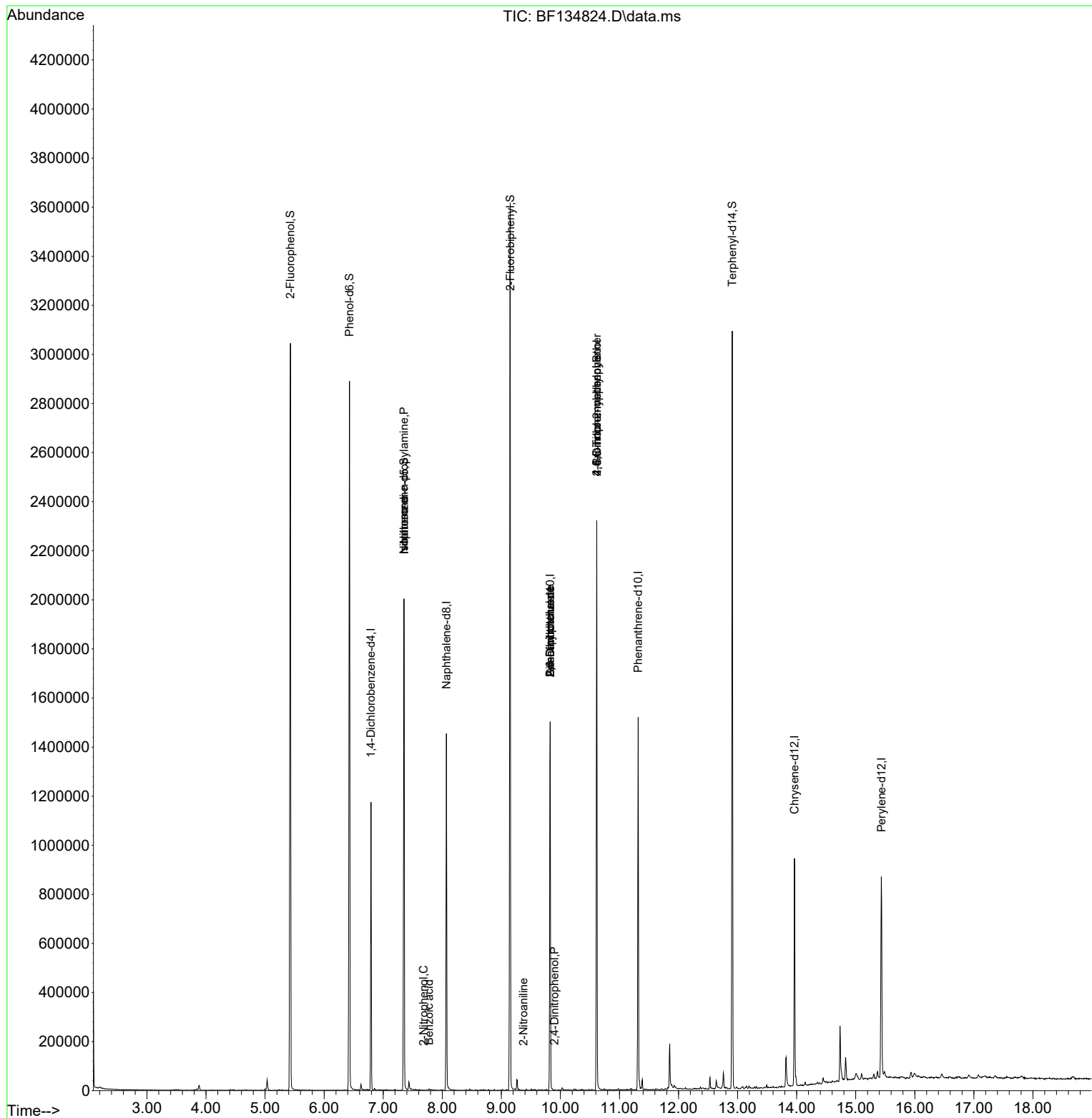
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	154708	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	605898	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	297898	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510872	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	292605	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	383907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	823643	80.928	ng	0.00
7) Phenol-d6	6.428	99	1041494	80.054	ng	-0.01
23) Nitrobenzene-d5	7.351	82	652895	67.340	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268286	88.345	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1201767	67.076	ng	-0.01
79) Terphenyl-d14	12.910	244	1040546	62.690	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.346	77	229	Below Cal	Qvalue	# 46
19) n-Nitroso-di-n-propyla...	7.351	70	86948	11.162	ng	# 73
25) Isophorone	7.351	82	647357	30.612	ng	# 65
26) 2-Nitrophenol	7.681	139	53	4.803	ng	# 29
32) Benzoic acid	7.775	122	2304	8.180	ng	# 93
48) 2-Nitroaniline	9.375	65	118	3.186	ng	# 8
50) Dimethylphthalate	9.828	163	63253	3.115	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	38932	11.367	ng	# 17
54) 2,4-Dinitrophenol	9.898	184	187	6.932	ng	# 42
57) 2,4-Dinitrotoluene	9.828	165	38932	10.139	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	466	8.884	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	17596	3.146	ng	# 1

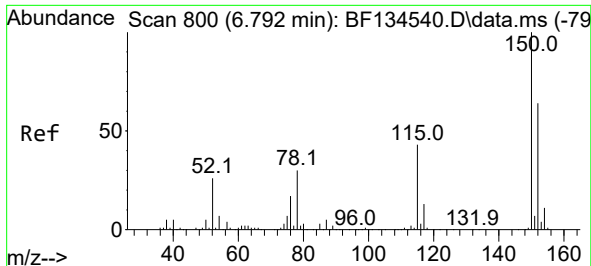
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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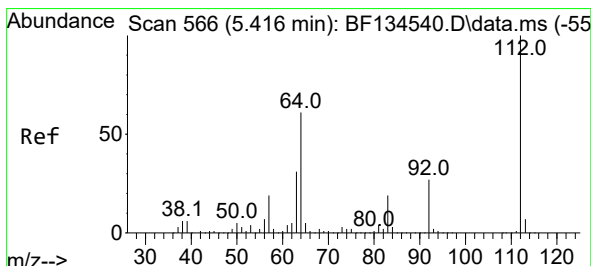
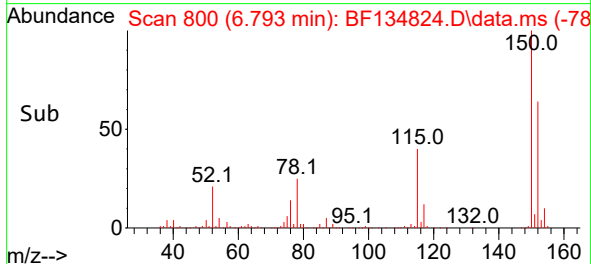
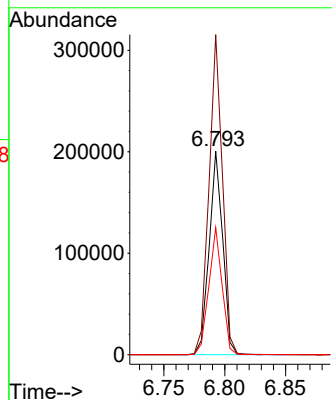
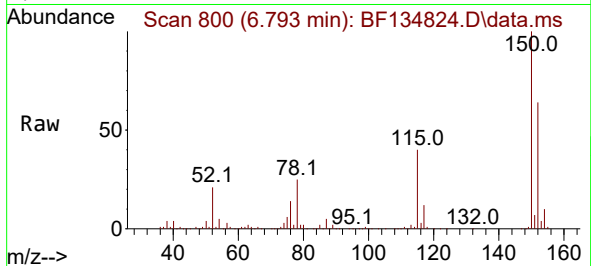




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

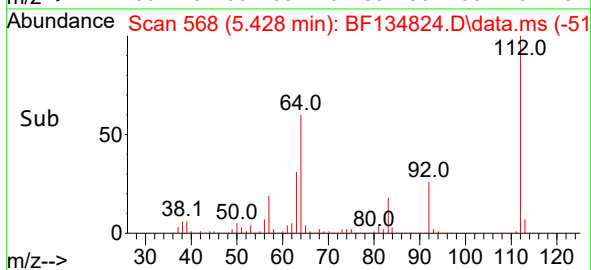
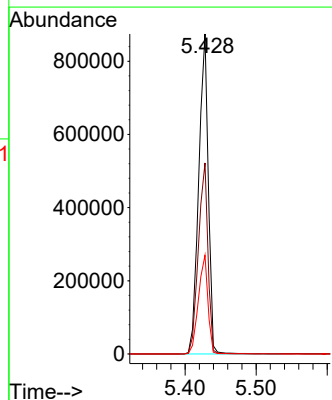
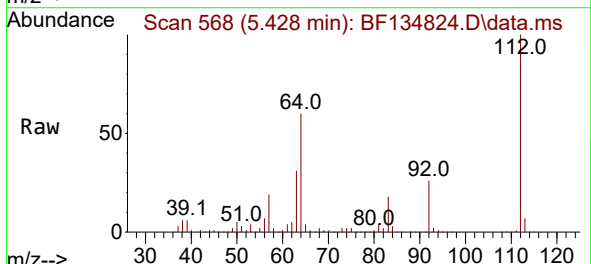
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BNA_F
ClientSampleId :
SB-01(0-5)

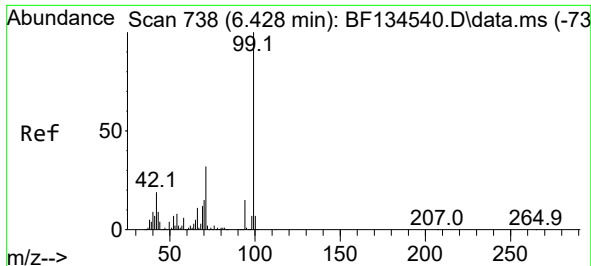
Tgt Ion:152 Resp: 154708
Ion Ratio Lower Upper
152 100
150 157.2 128.3 192.5
115 62.5 52.4 78.6



#5
2-Fluorophenol
Concen: 80.928 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:112 Resp: 823643
Ion Ratio Lower Upper
112 100
64 59.7 44.9 67.3
63 30.9 25.4 38.0

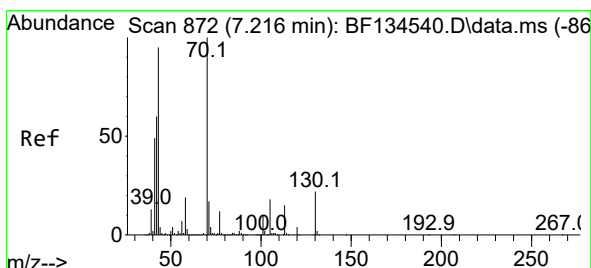
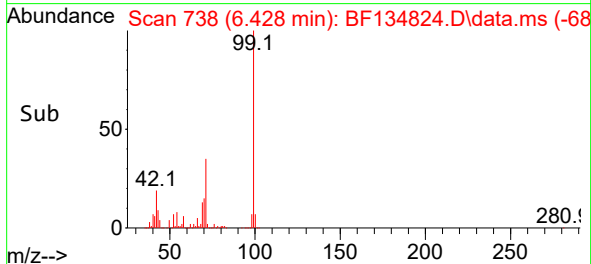
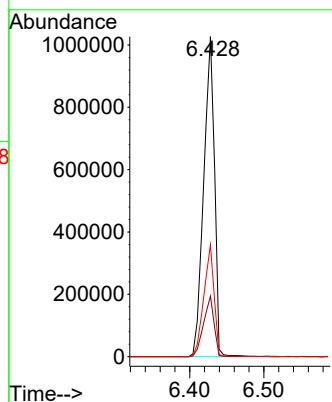
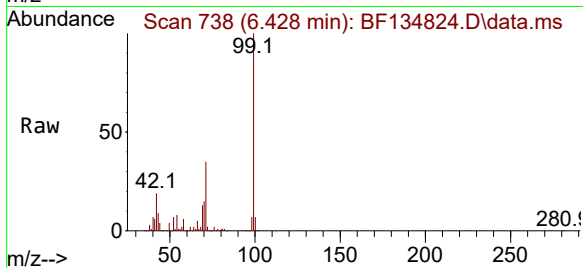




#7
Phenol-d6
Concen: 80.054 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

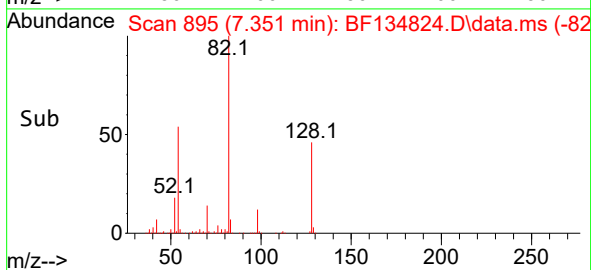
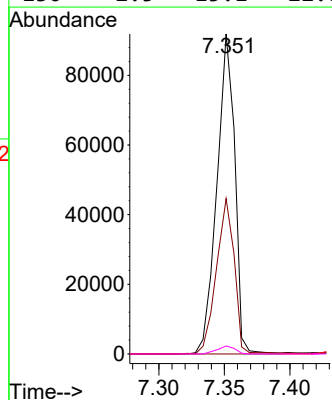
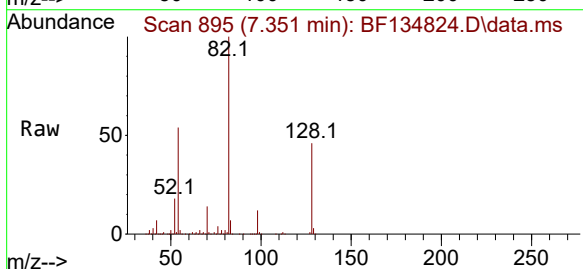
Instrument :
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ClientSampleId :
SB-01(0-5)

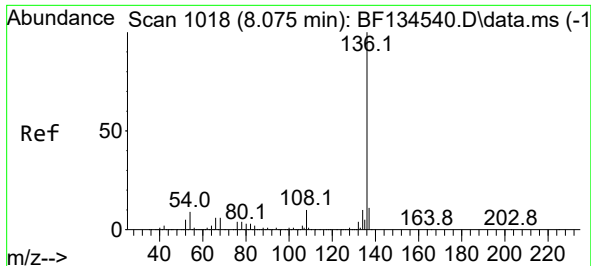
Tgt Ion: 99 Resp: 1041494
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.162 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion: 70 Resp: 86948
Ion Ratio Lower Upper
70 100
42 48.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF134824.D

Acq: 17 Aug 2023 18:56

Instrument :

BNA_F

ClientSampleId :

SB-01(0-5)

Tgt Ion:136 Resp: 605898

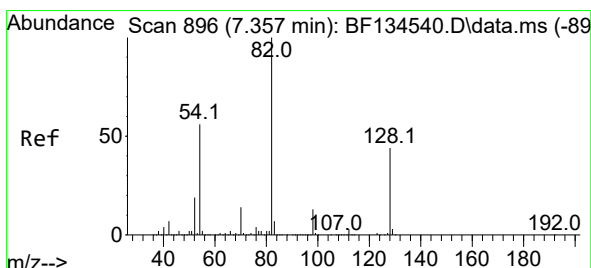
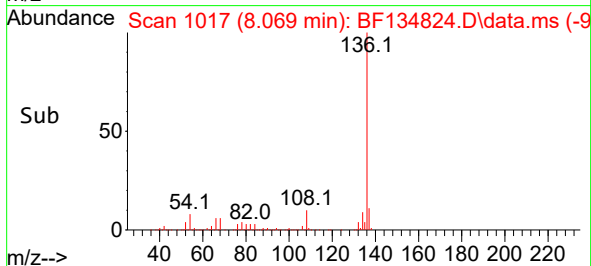
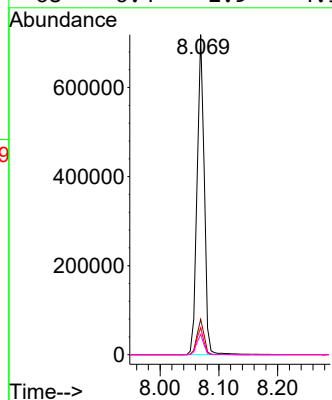
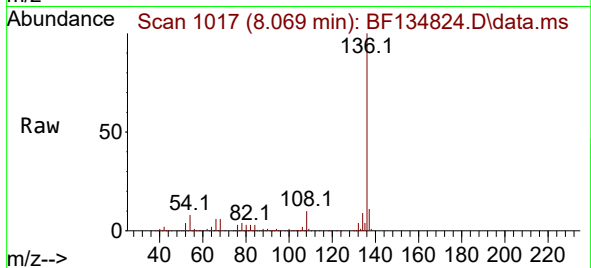
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.4 5.2 7.8#

68 6.4 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 67.340 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF134824.D

Acq: 17 Aug 2023 18:56

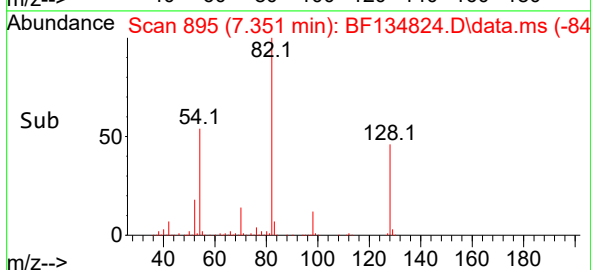
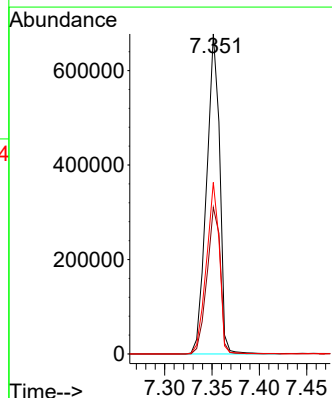
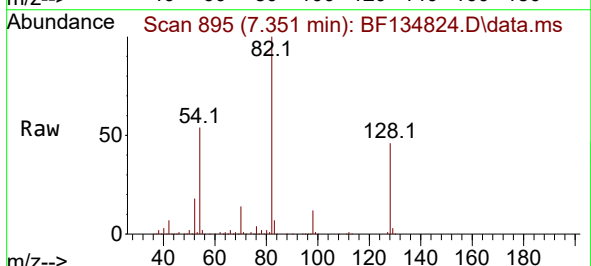
Tgt Ion: 82 Resp: 652895

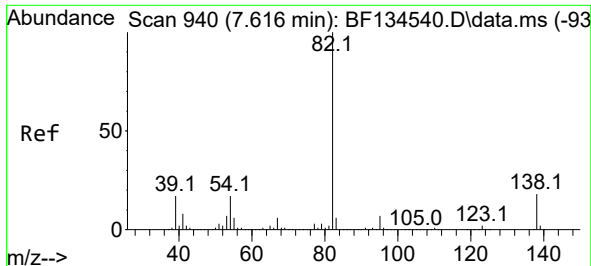
Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

54 53.6 43.8 65.6

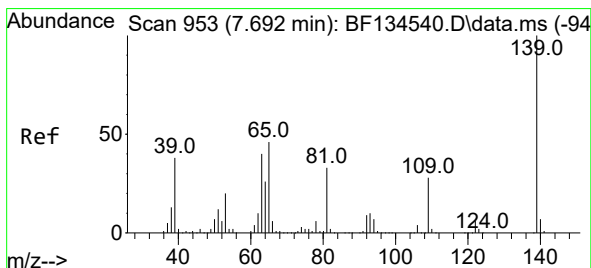
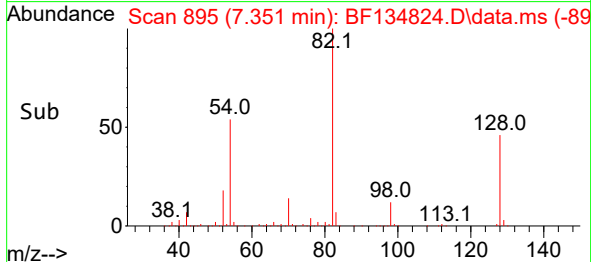
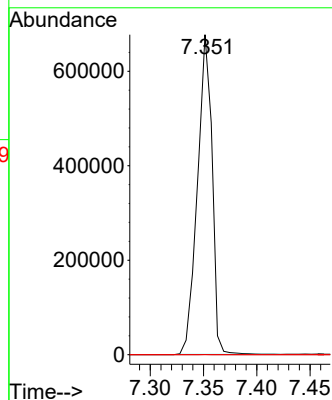
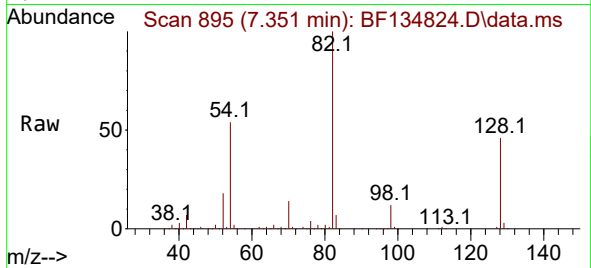




#25
Isophorone
Concen: 30.612 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

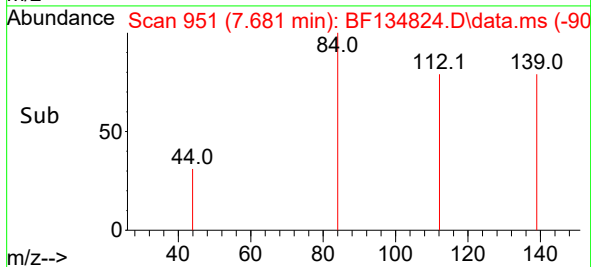
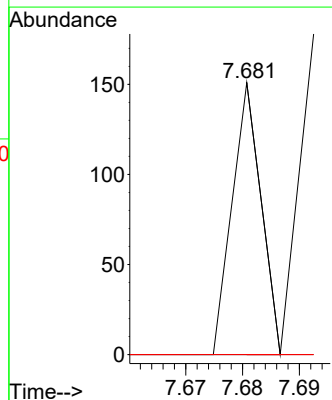
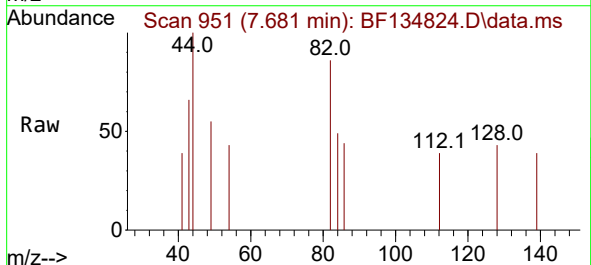
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ClientSampleId :
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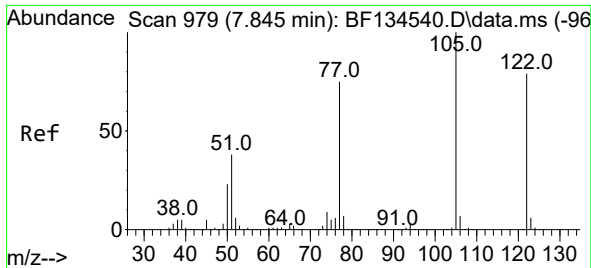
Tgt Ion: 82 Resp: 647357
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.803 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 29.8 44.6#
65 0.0 45.4 68.2#

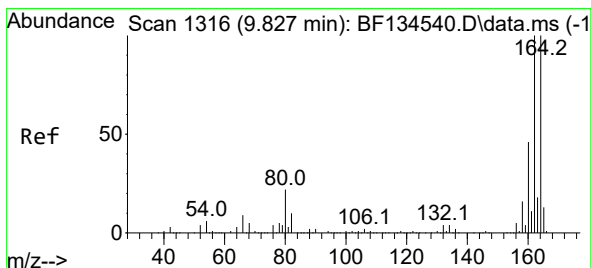
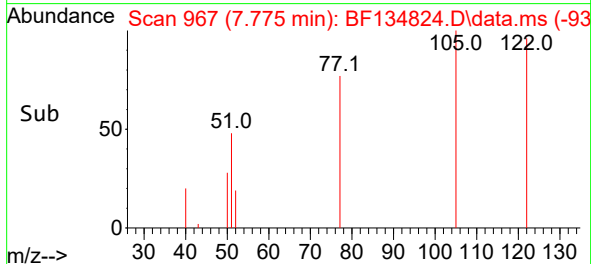
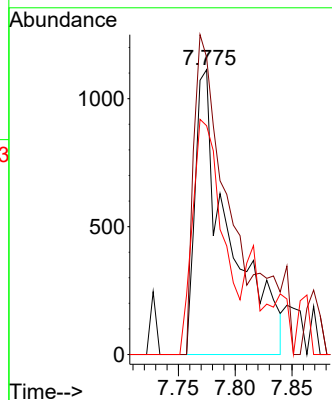
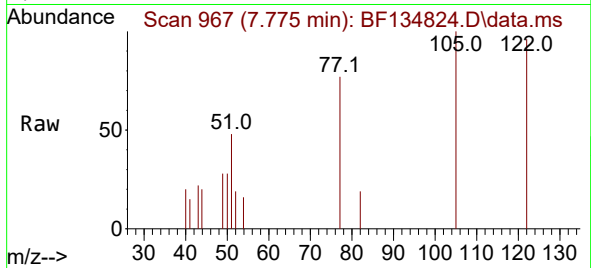




#32
Benzoic acid
Concen: 8.180 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.088 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

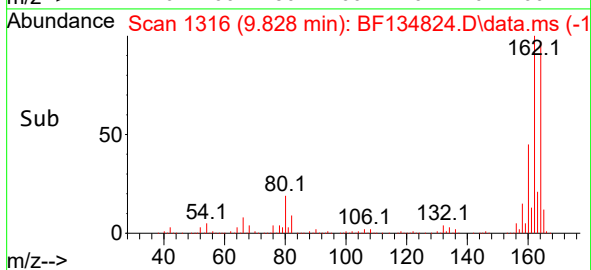
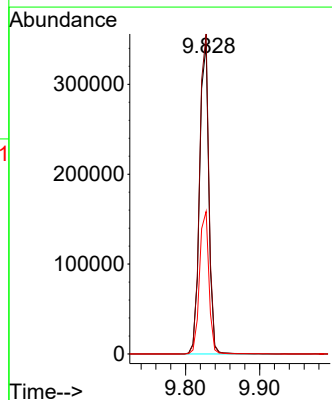
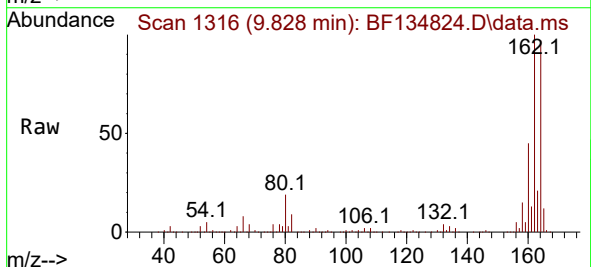
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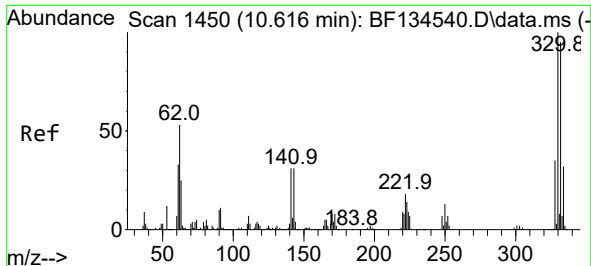
Tgt Ion:122	Resp:	2304	
Ion	Ratio	Lower	Upper
122	100		
105	104.4	87.5	127.5
77	80.3	71.4	111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:164	Resp:	297898	
Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.1	37.2	55.8

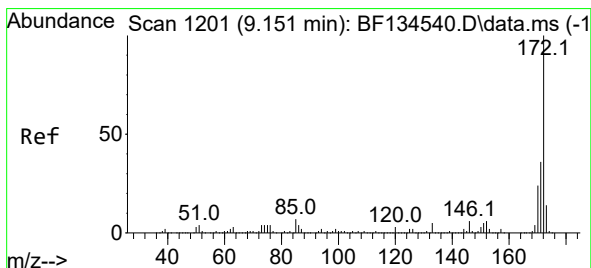
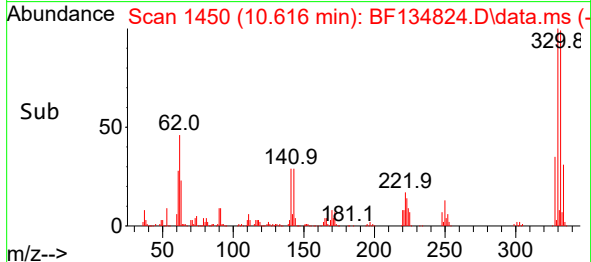
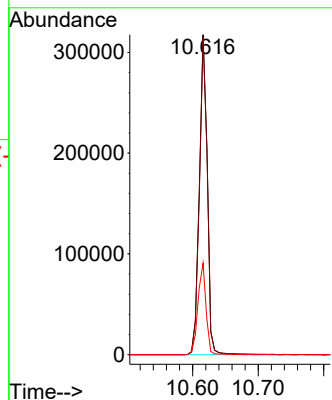
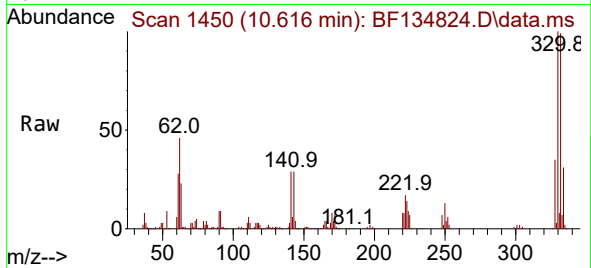




#42
 2,4,6-Tribromophenol
 Concen: 88.345 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

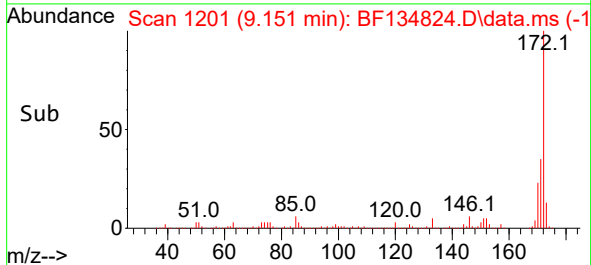
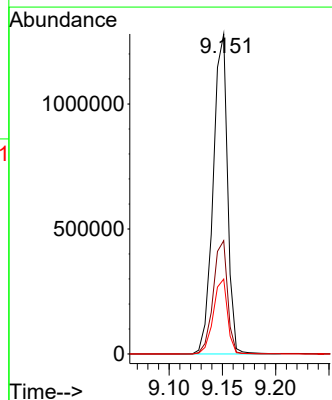
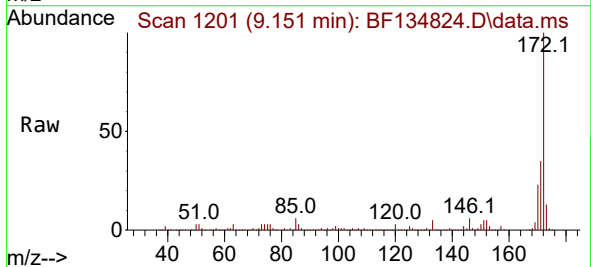
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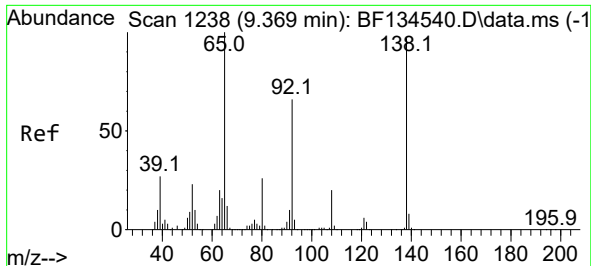
Tgt Ion: 330 Resp: 268286
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.8 118.2
 141 29.1 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 67.076 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134824.D
 Acq: 17 Aug 2023 18:56

Tgt Ion: 172 Resp: 1201767
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.4 18.7 28.1

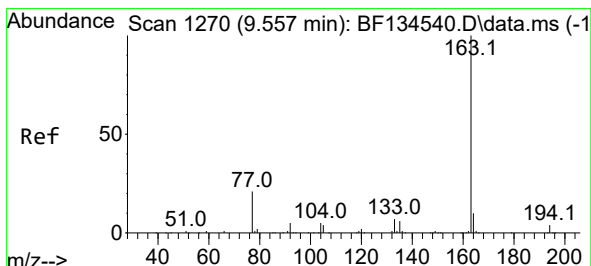
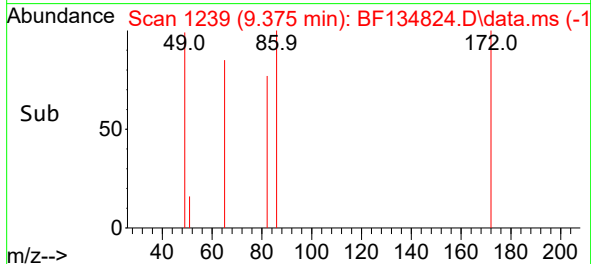
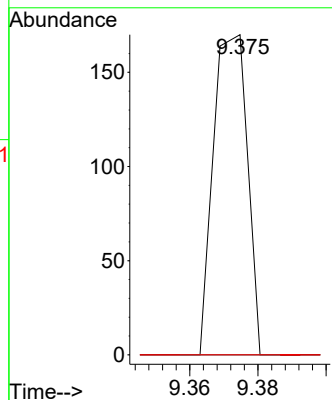
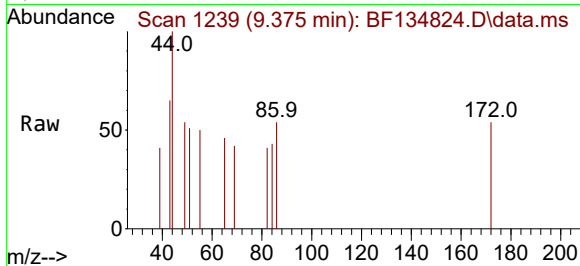




#48
2-Nitroaniline
Concen: 3.186 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

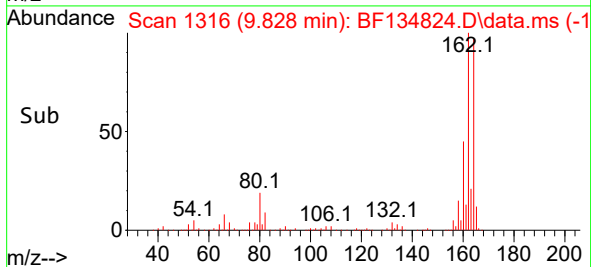
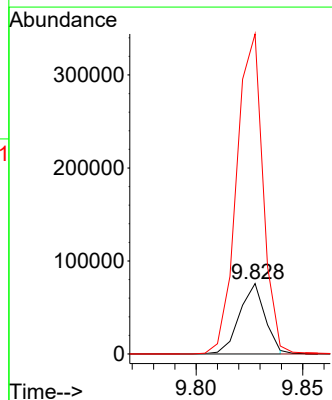
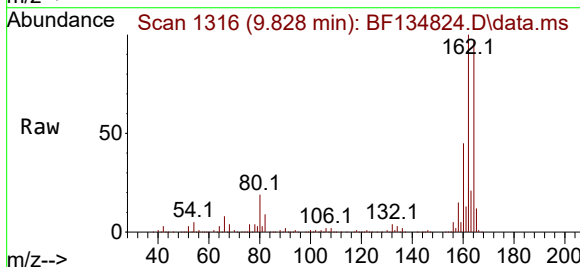
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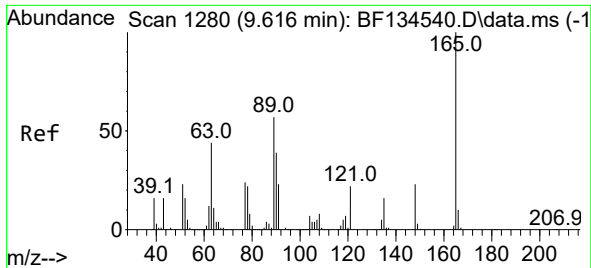
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.115 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion: 163 Resp: 63253
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 454.4 7.5 11.3#

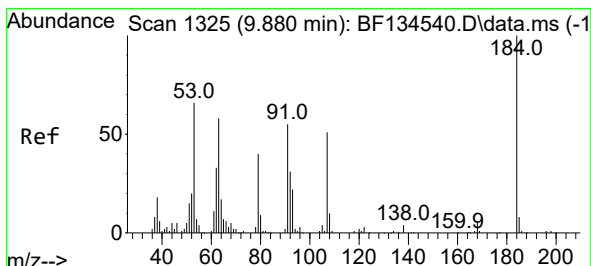
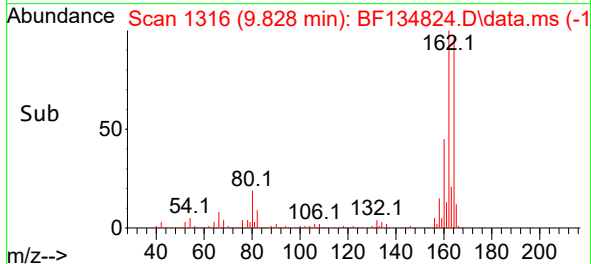
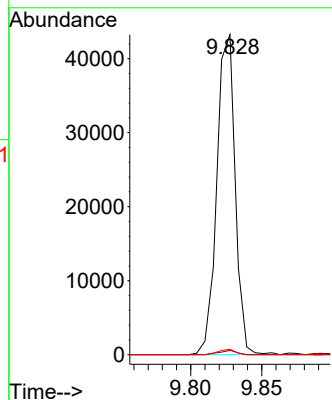
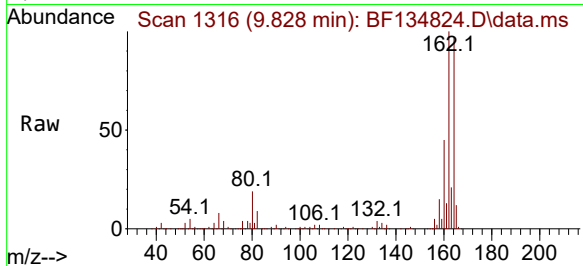




#51
2,6-Dinitrotoluene
Concen: 11.367 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

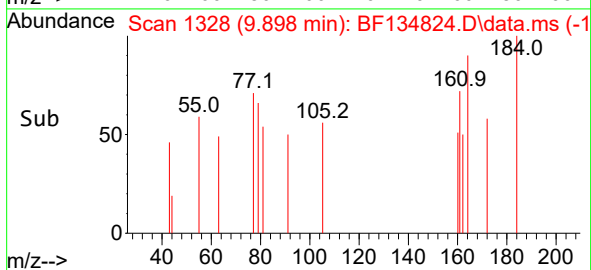
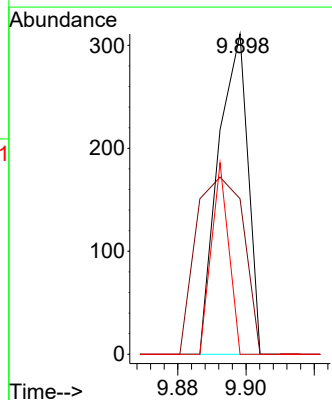
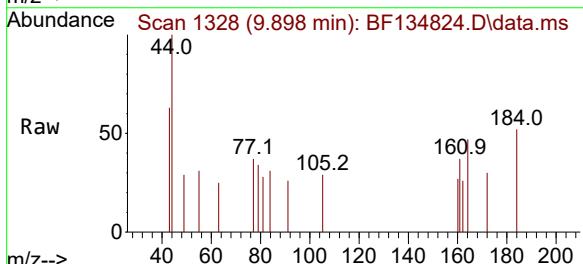
Instrument :
BNA_F
ClientSampleId :
SB-01(0-5)

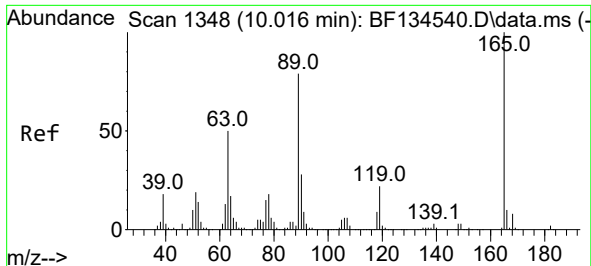
Tgt Ion:165 Resp: 38932
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.7 51.8 77.8#



#54
2,4-Dinitrophenol
Concen: 6.932 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:184 Resp: 187
Ion Ratio Lower Upper
184 100
63 48.6 57.1 85.7#
154 0.0 59.1 88.7#

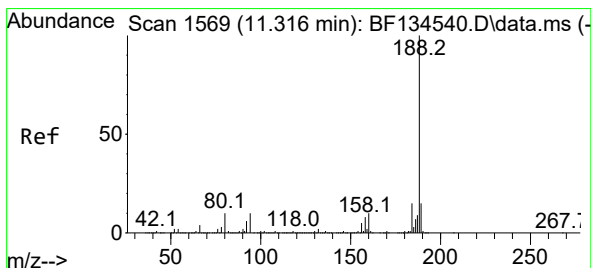
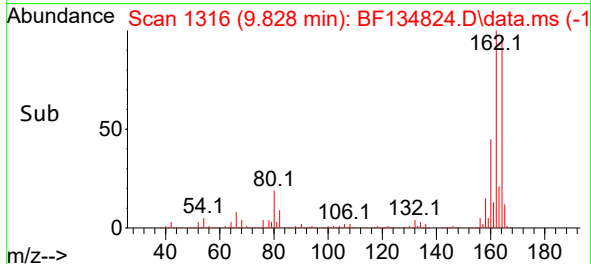
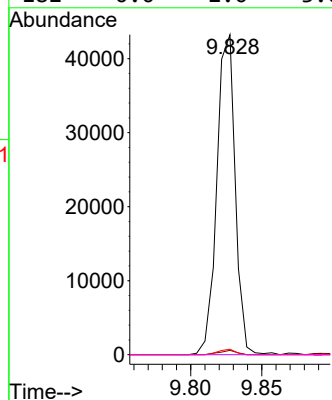
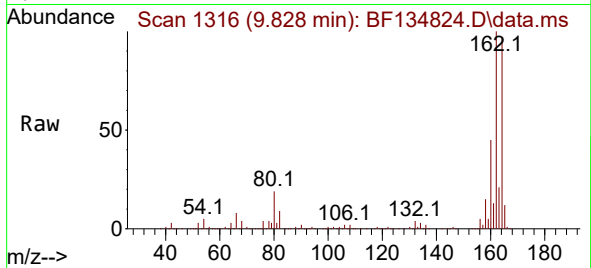




#57
2,4-Dinitrotoluene
Concen: 10.139 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

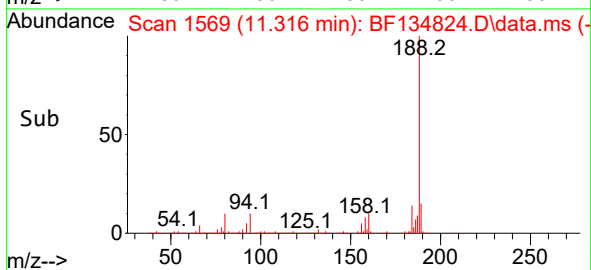
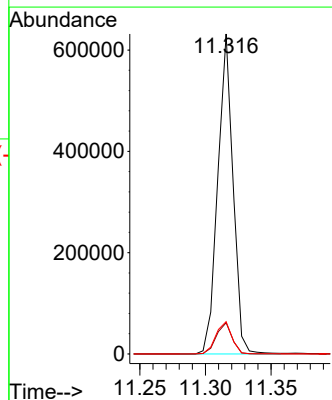
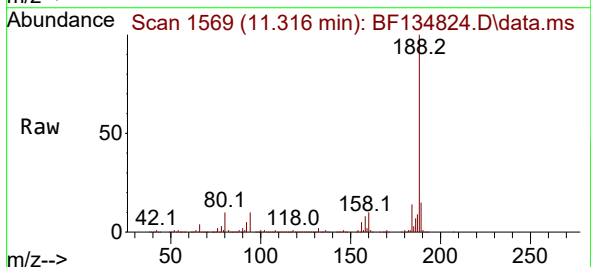
Instrument :
BNA_F
ClientSampleId :
SB-01(0-5)

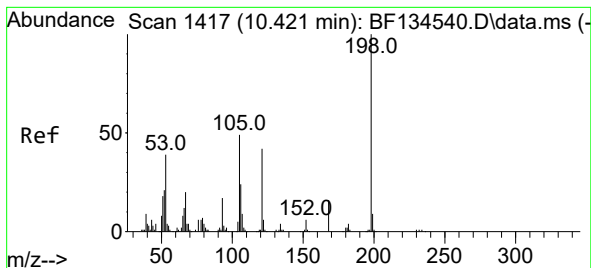
Tgt Ion:165 Resp: 38932
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:188 Resp: 510872
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.1 6.6 9.8#

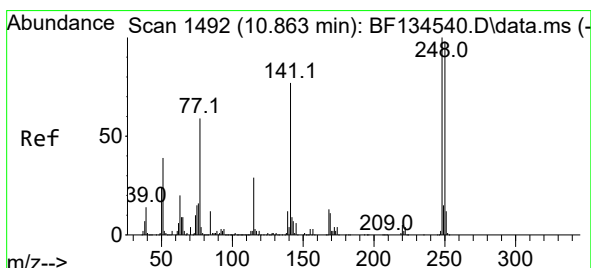
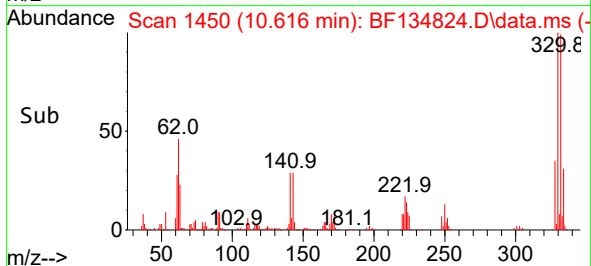
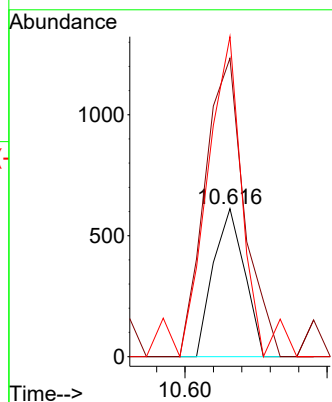
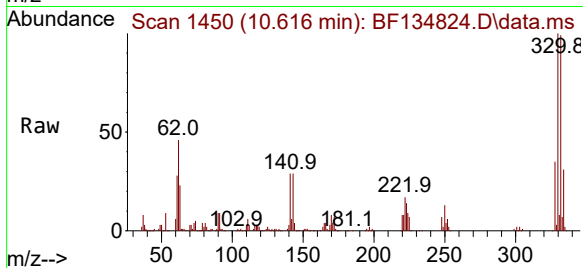




#65
4,6-Dinitro-2-methylphenol
Concen: 8.884 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

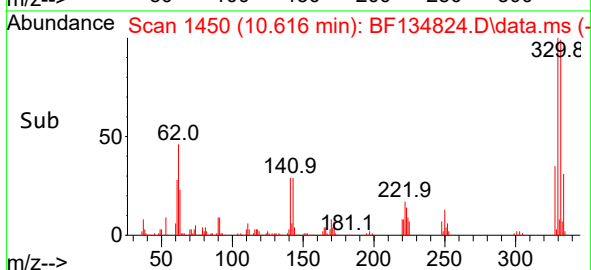
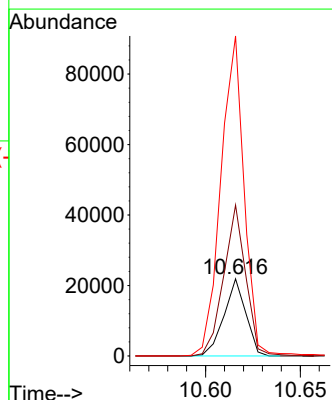
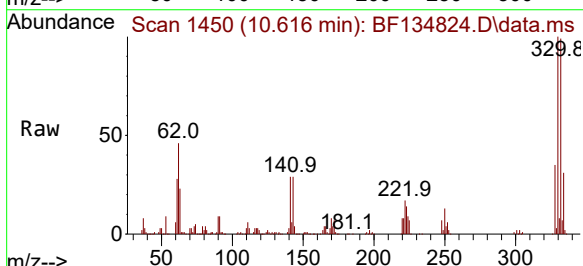
Instrument :
BNA_F
ClientSampleId :
SB-01(0-5)

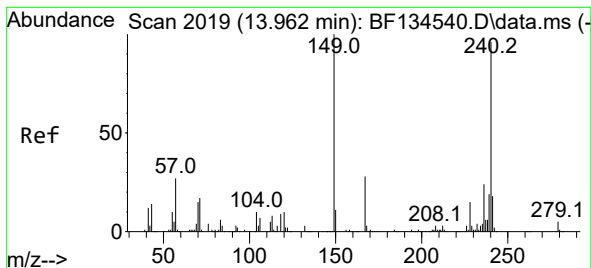
Tgt Ion:198 Resp: 466
Ion Ratio Lower Upper
198 100
51 201.6 38.6 78.6#
105 216.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Tgt Ion:248 Resp: 17596
Ion Ratio Lower Upper
248 100
250 195.6 79.6 119.4#
141 415.1 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: BF134824.D

Acq: 17 Aug 2023 18:56

Instrument :

BNA_F

ClientSampleId :

SB-01(0-5)

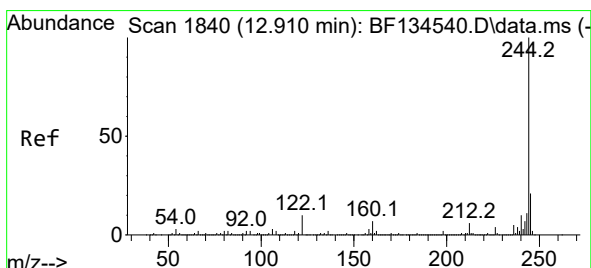
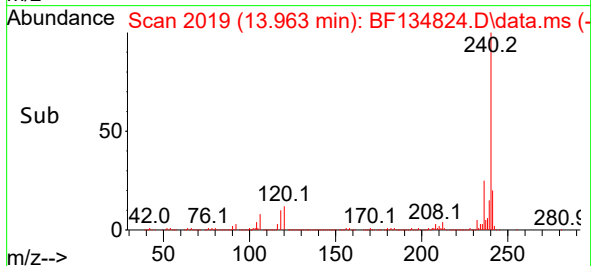
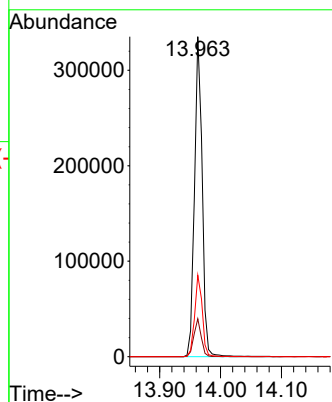
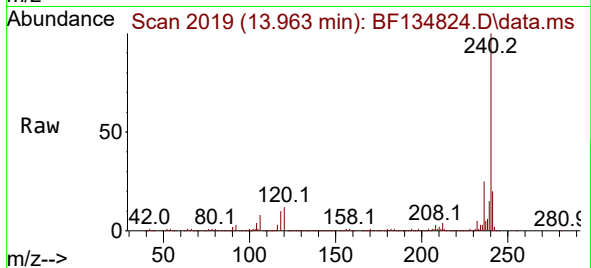
Tgt Ion:240 Resp: 292605

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 62.690 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134824.D

Acq: 17 Aug 2023 18:56

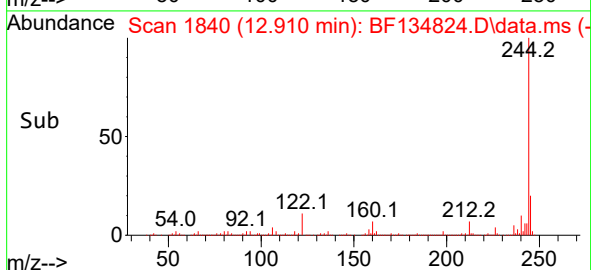
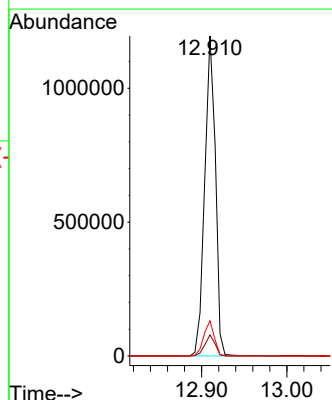
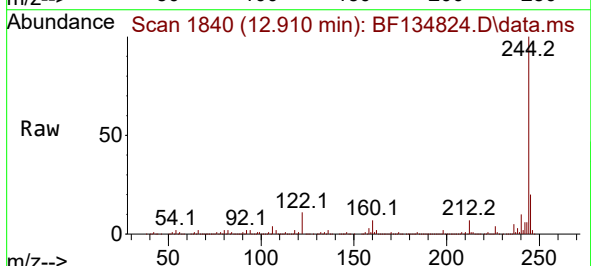
Tgt Ion:244 Resp: 1040546

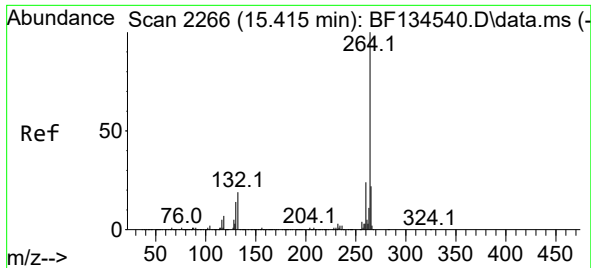
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

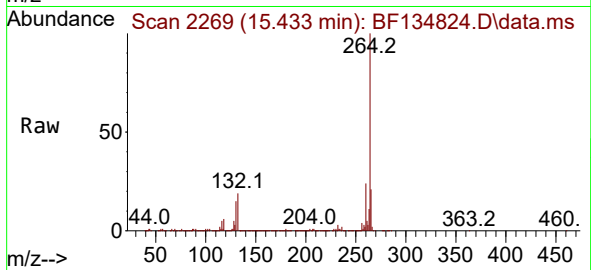
122 11.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134824.D
Acq: 17 Aug 2023 18:56

Instrument :
BNA_F
ClientSampleId :
SB-01(0-5)



Tgt Ion:264 Resp: 383907
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.1 15.8 23.8

