

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134591.D
 Acq On : 02 Aug 2023 21:13
 Operator : CG\JU
 Sample : 03598-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-53-(2-5)

Quant Time: Aug 03 01:51:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

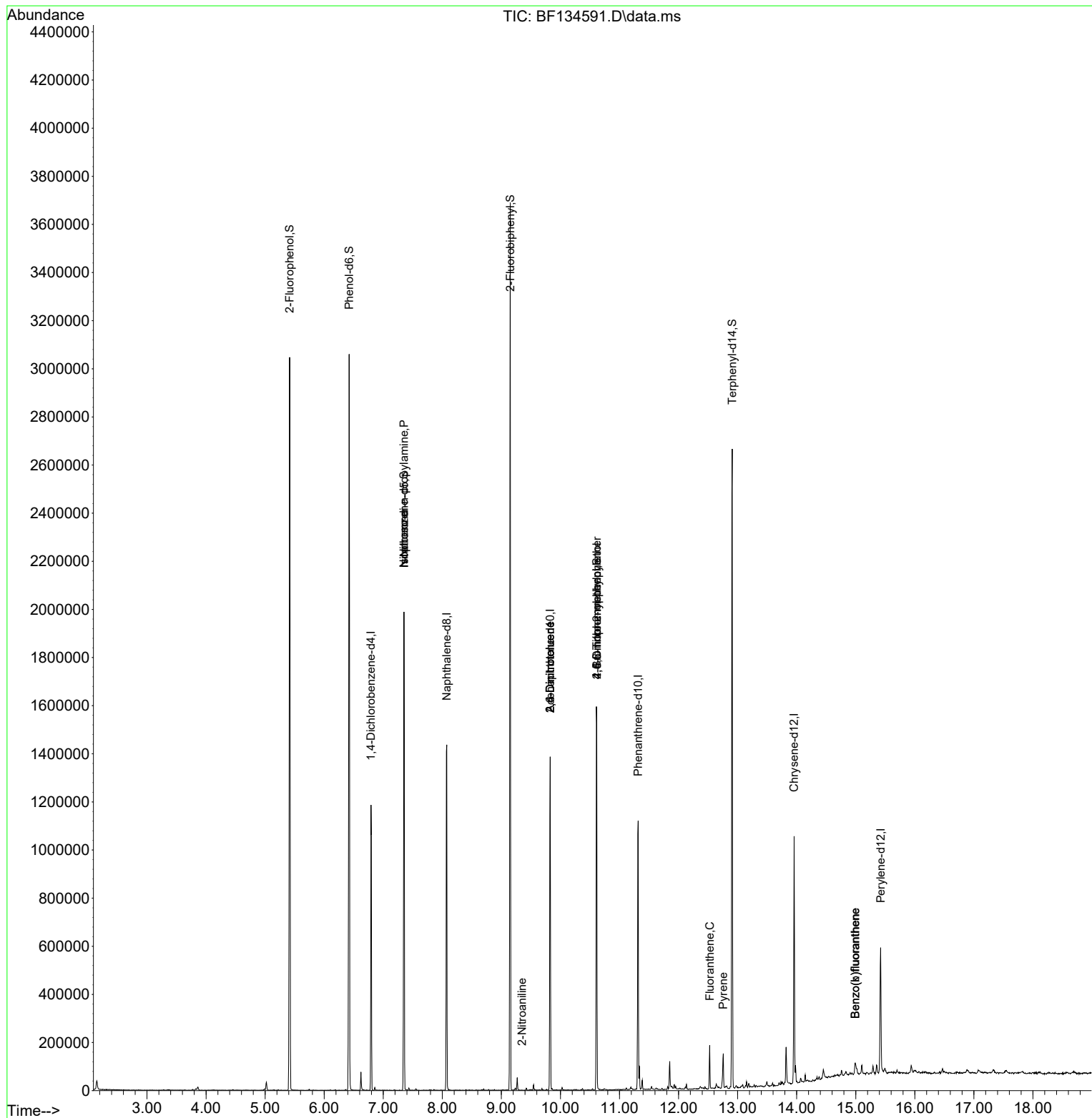
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	167155	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	617711	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	259064	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	412346	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	293987	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	234678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	814821	74.099	ng	0.00
7) Phenol-d6	6.422	99	1055972	75.122	ng	0.00
23) Nitrobenzene-d5	7.351	82	583868	59.069	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193344	73.211	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1016813	65.260	ng	0.00
79) Terphenyl-d14	12.910	244	931458	55.854	ng	0.00
Target Compounds						
9) Benzaldehyde	6.422	77	1812	Below Cal		Qvalue # 3
19) n-Nitroso-di-n-propyla...	7.351	70	77938	9.261	ng	# 73
25) Isophorone	7.351	82	583720	27.075	ng	# 65
48) 2-Nitroaniline	9.351	65	56	3.177	ng	# 8
51) 2,6-Dinitrotoluene	9.827	165	33818	11.357	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	33818	10.130	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	464	8.927	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	12039	2.667	ng	# 1
75) Fluoranthene	12.527	202	61652	2.665	ng	97
78) Pyrene	12.757	202	57649	2.266	ng	98
88) Benzo(b)fluoranthene	14.992	252	34437	2.406	ng	# 92
89) Benzo(k)fluoranthene	14.992	252	34437	2.415	ng	# 93

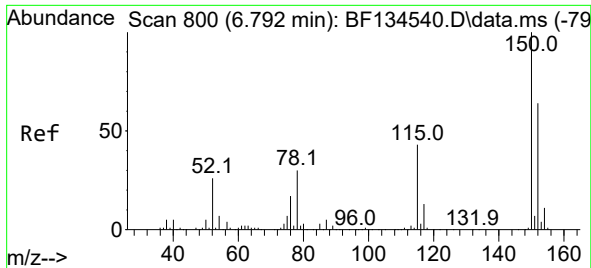
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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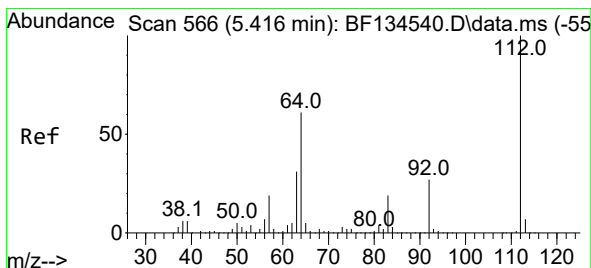
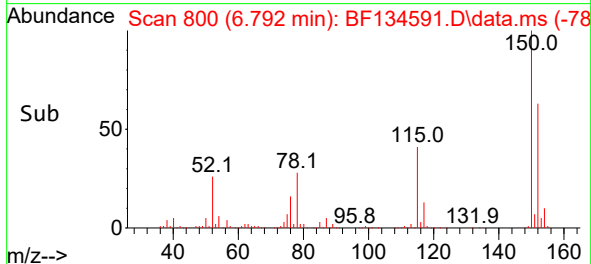
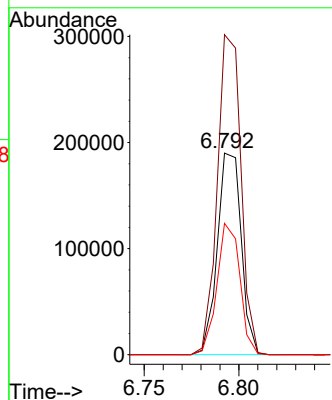
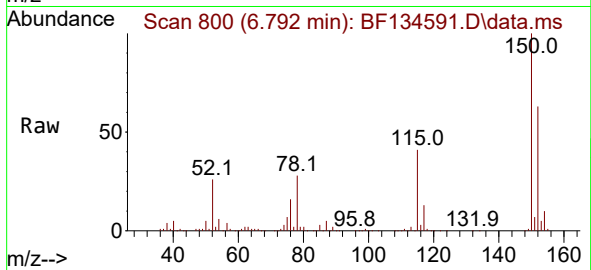




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

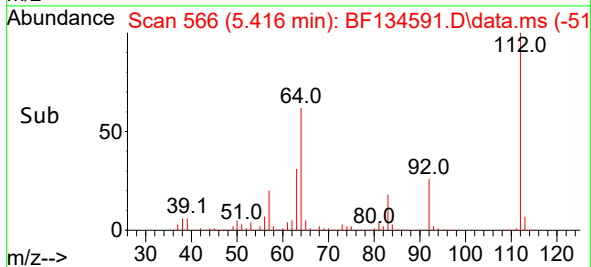
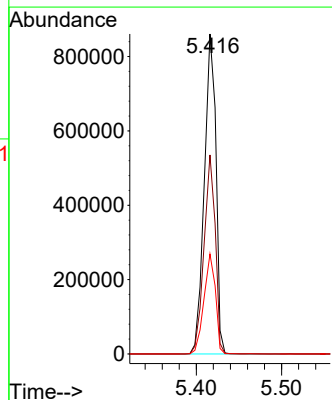
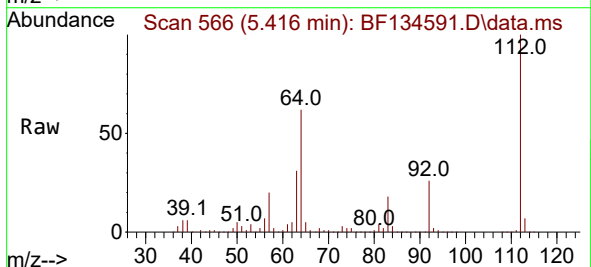
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

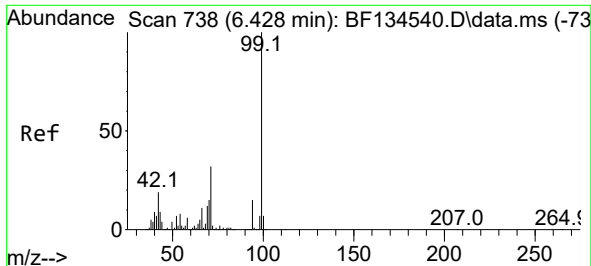
Tgt Ion:152 Resp: 167155
Ion Ratio Lower Upper
152 100
150 158.8 128.3 192.5
115 65.2 52.4 78.6



#5
2-Fluorophenol
Concen: 74.099 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:112 Resp: 814821
Ion Ratio Lower Upper
112 100
64 62.2 44.9 67.3
63 31.3 25.4 38.0

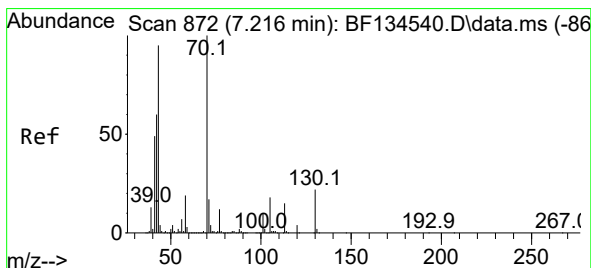
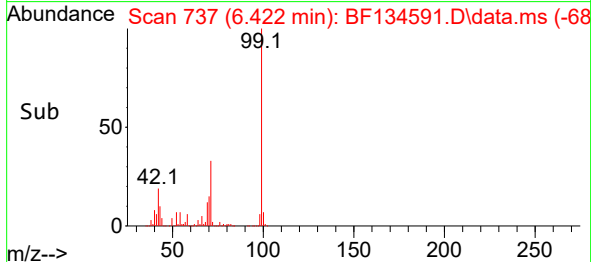
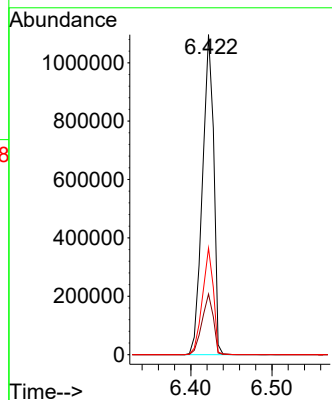
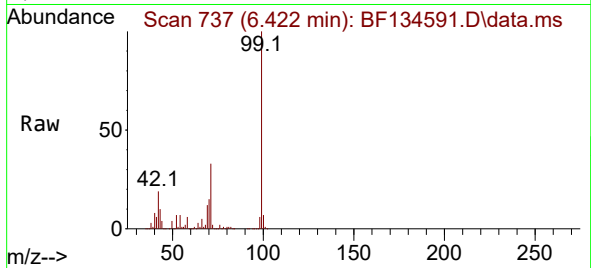




#7
Phenol-d6
Concen: 75.122 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

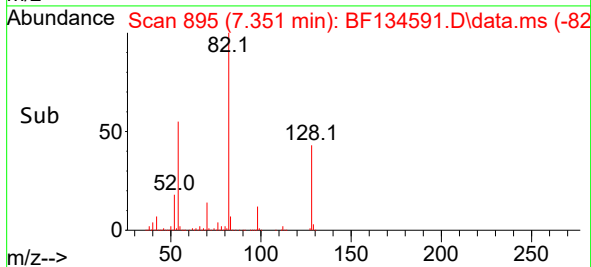
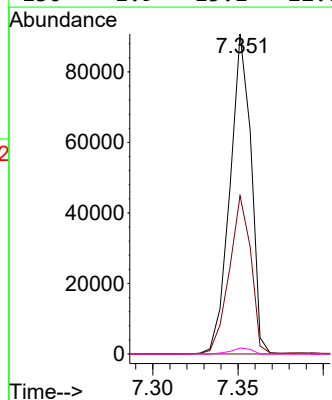
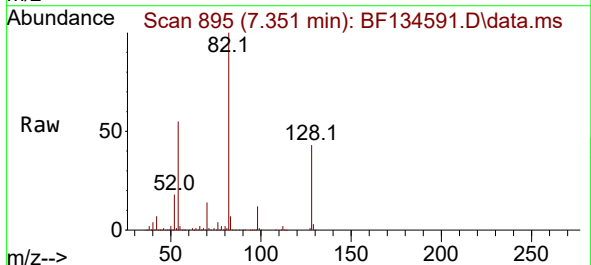
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

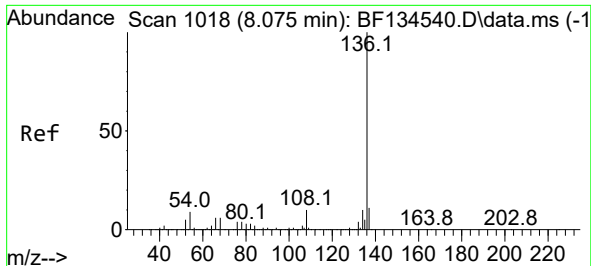
Tgt Ion: 99 Resp: 1055972
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 33.3 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.261 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion: 70 Resp: 77938
Ion Ratio Lower Upper
70 100
42 49.4 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#

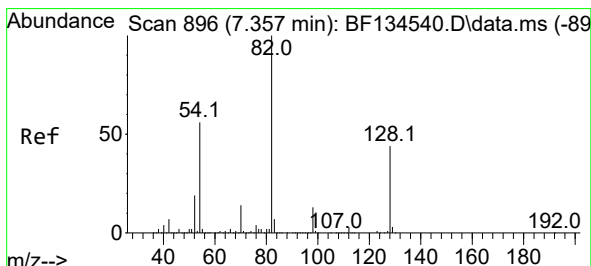
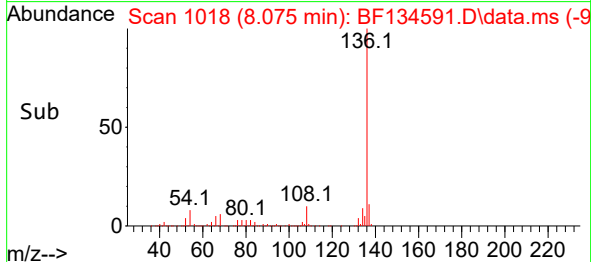
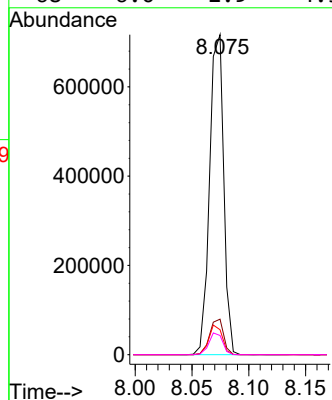
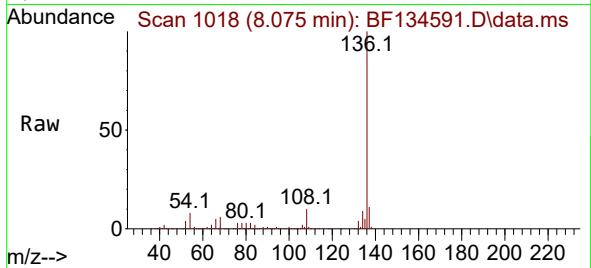




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

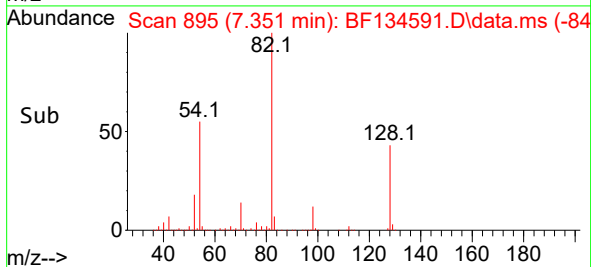
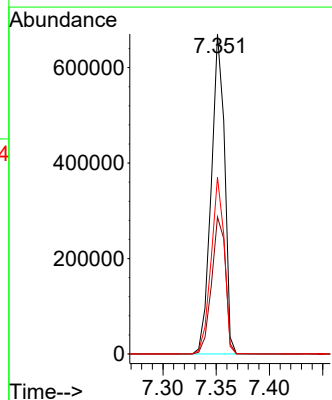
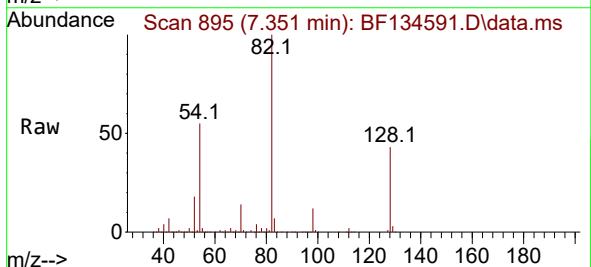
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

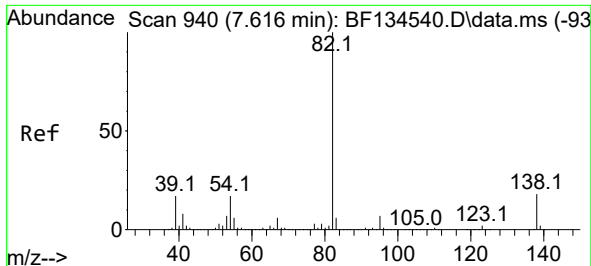
Tgt Ion:136 Resp: 617711
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 5.2 7.8
68 6.0 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 59.069 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion: 82 Resp: 583868
Ion Ratio Lower Upper
82 100
128 42.8 34.3 51.5
54 55.2 43.8 65.6

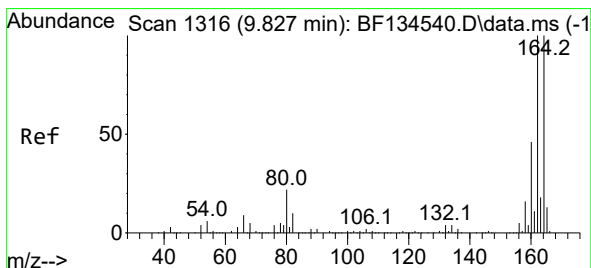
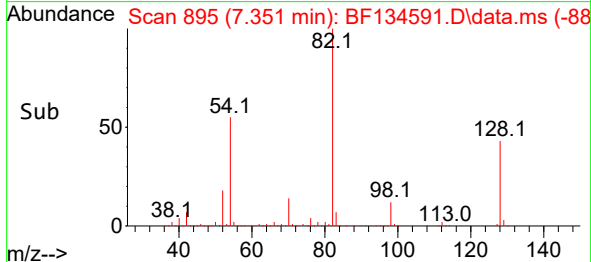
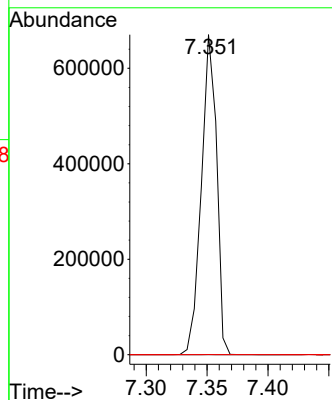
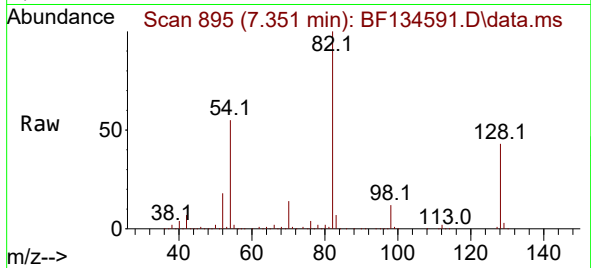




#25
Isophorone
Concen: 27.075 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

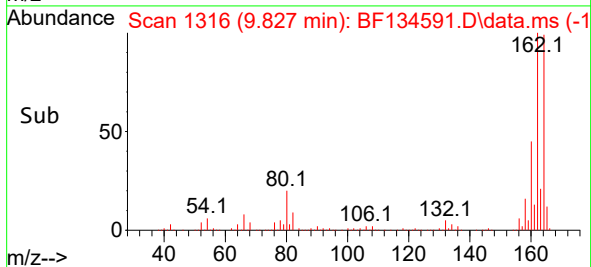
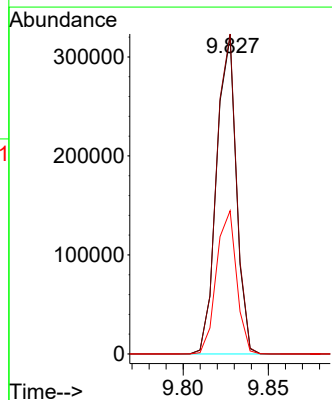
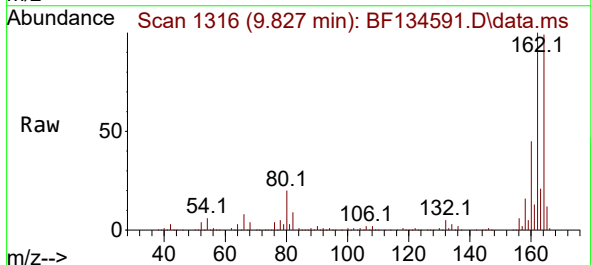
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

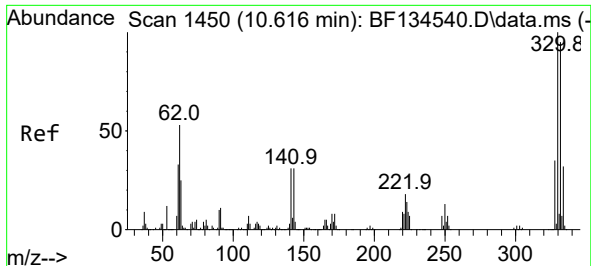
Tgt Ion: 82 Resp: 583720
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:164 Resp: 259064
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 45.2 37.2 55.8

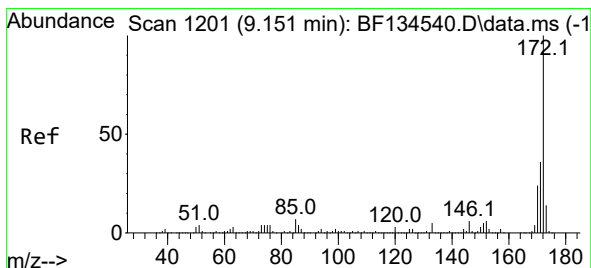
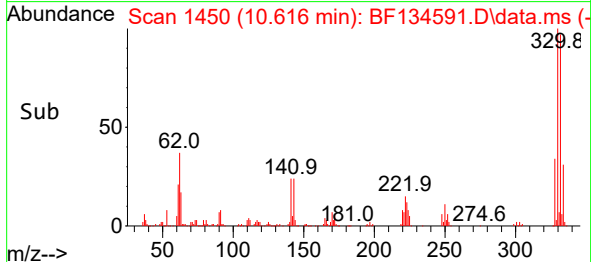
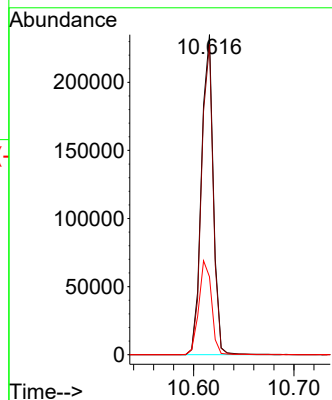
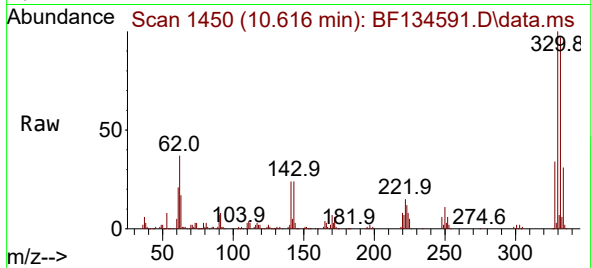




#42
 2,4,6-Tribromophenol
 Concen: 73.211 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134591.D
 Acq: 02 Aug 2023 21:13

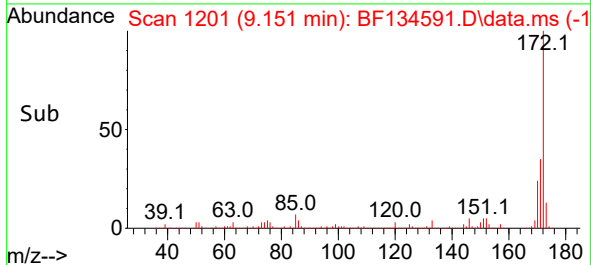
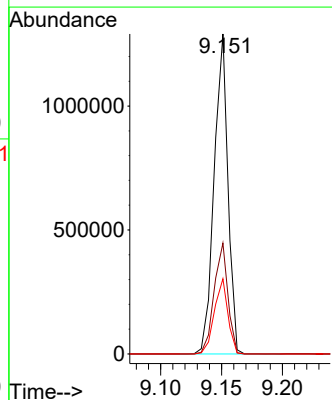
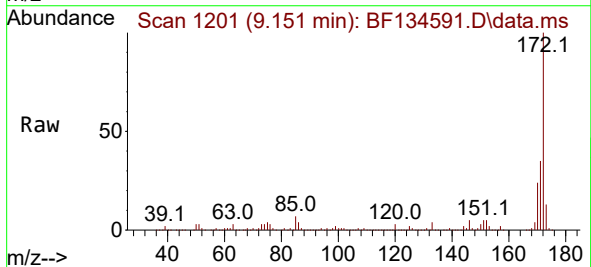
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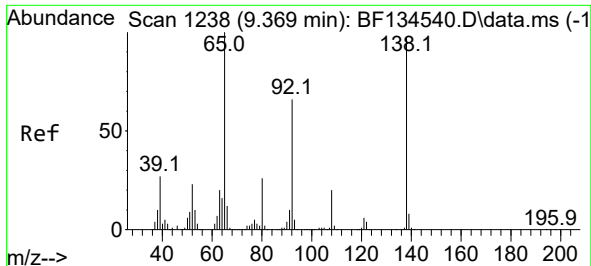
Tgt Ion:330 Resp: 193344
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.8 118.2
 141 31.3 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 65.260 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134591.D
 Acq: 02 Aug 2023 21:13

Tgt Ion:172 Resp: 1016813
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.5 18.7 28.1

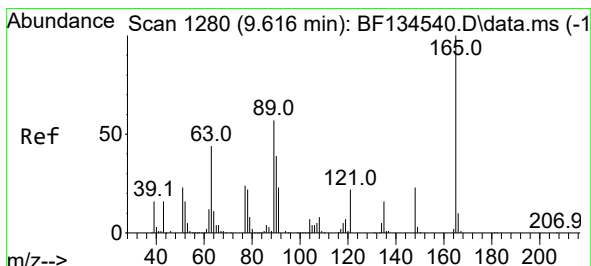
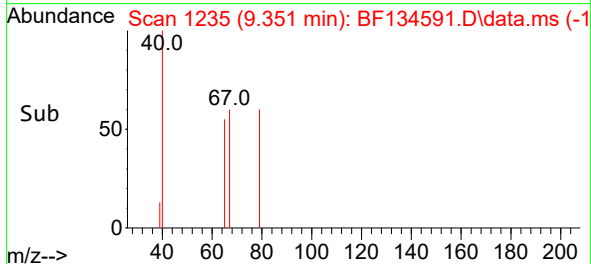
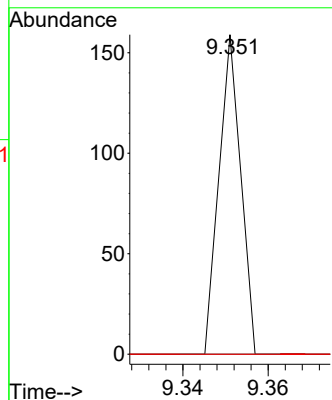
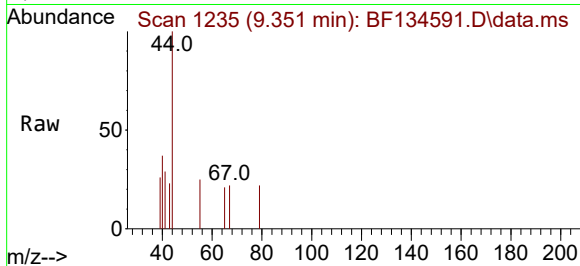




#48
2-Nitroaniline
Concen: 3.177 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

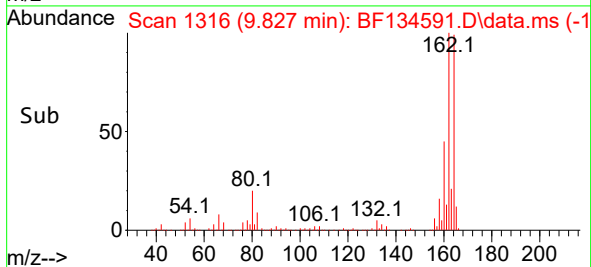
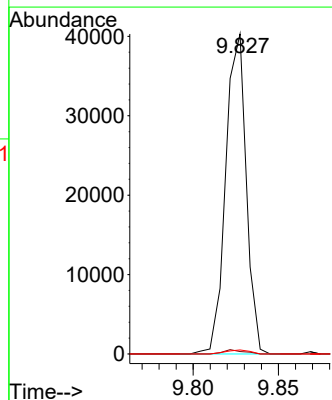
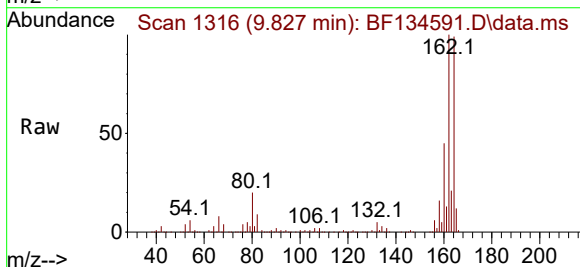
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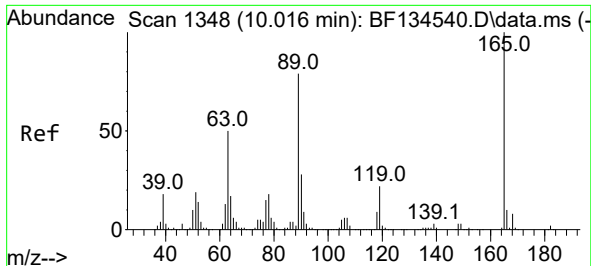
Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#51
2,6-Dinitrotoluene
Concen: 11.357 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.211 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

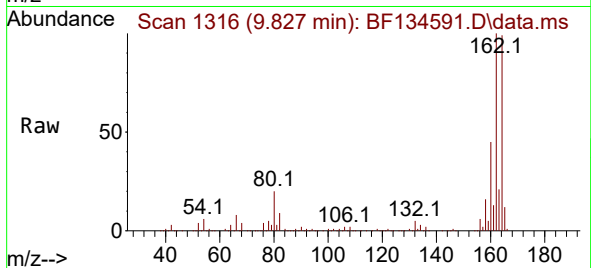
Tgt Ion: 165 Resp: 33818
Ion Ratio Lower Upper
165 100
63 0.8 57.8 86.6#
89 1.3 51.8 77.8#



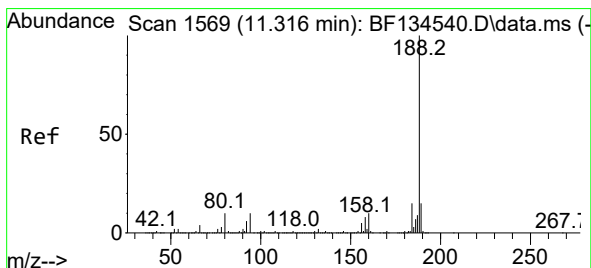
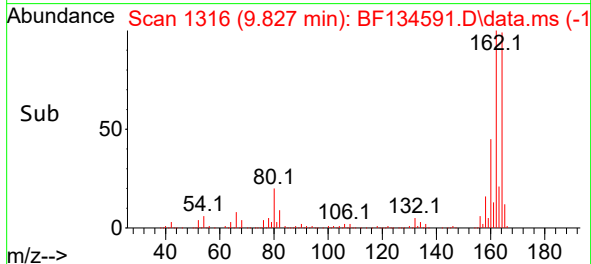
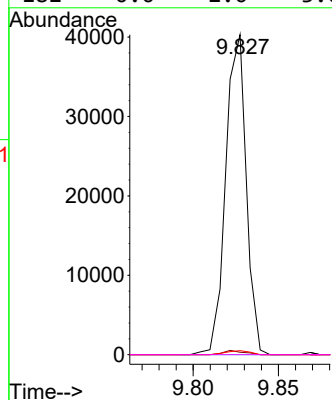


#57
2,4-Dinitrotoluene
Concen: 10.130 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

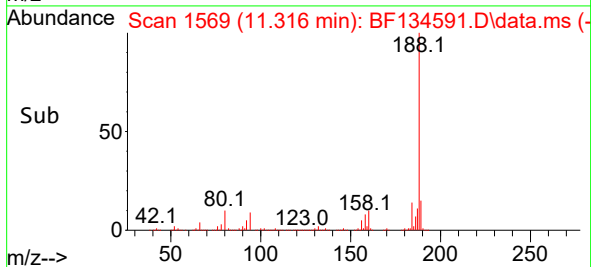
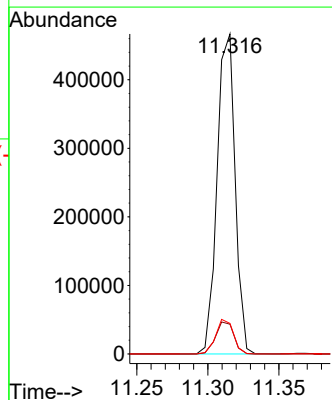
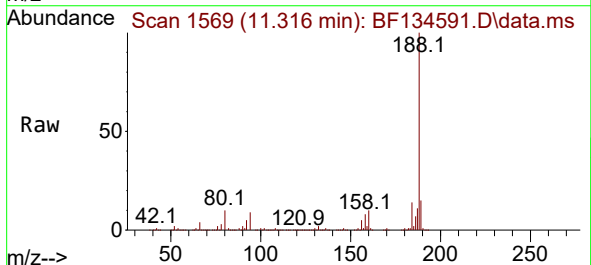


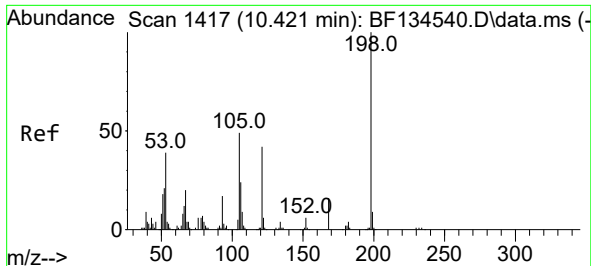
Tgt Ion:165 Resp: 33818
Ion Ratio Lower Upper
165 100
63 0.8 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:188 Resp: 412346
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 9.5 6.6 9.8

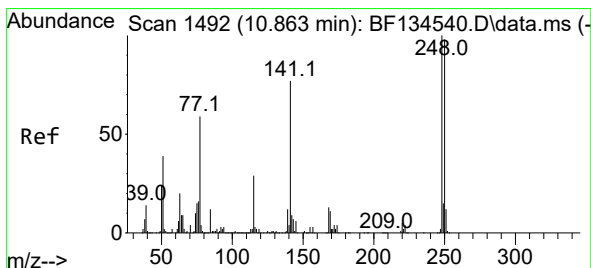
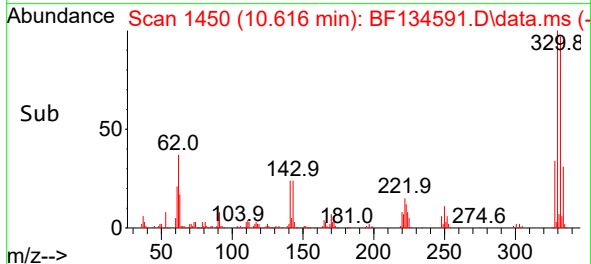
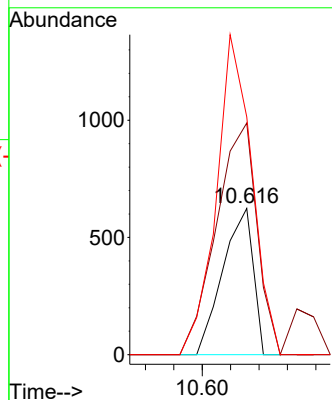
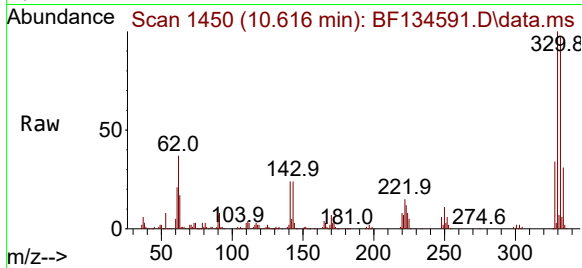




#65
4,6-Dinitro-2-methylphenol
Concen: 8.927 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

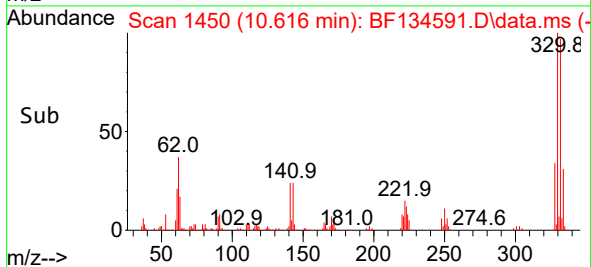
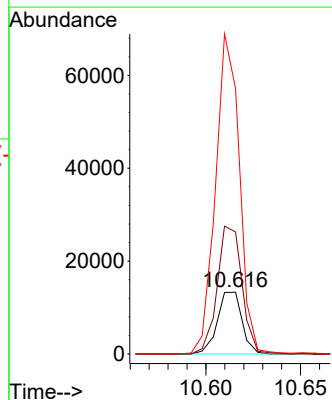
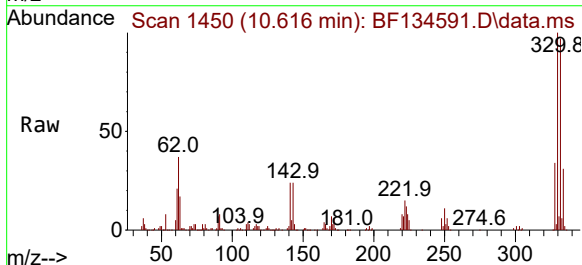
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

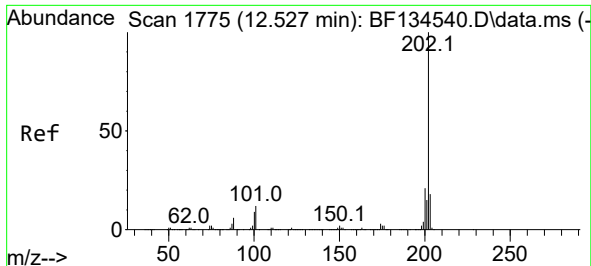
Tgt Ion:198 Resp: 464
Ion Ratio Lower Upper
198 100
51 158.3 38.6 78.6#
105 162.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.667 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:248 Resp: 12039
Ion Ratio Lower Upper
248 100
250 197.6 79.6 119.4#
141 429.6 59.6 89.4#

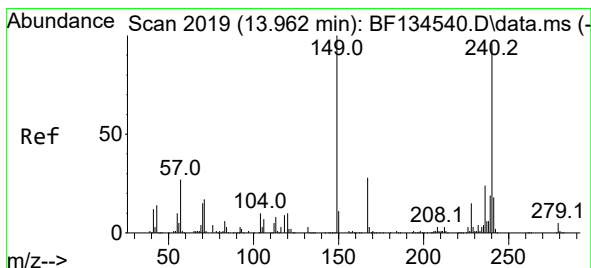
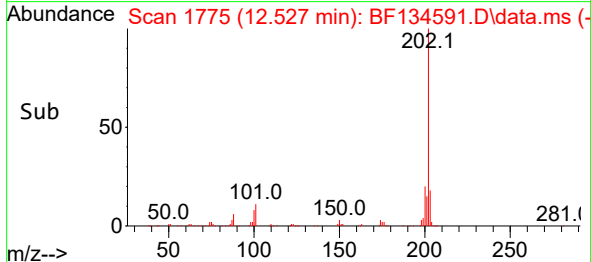
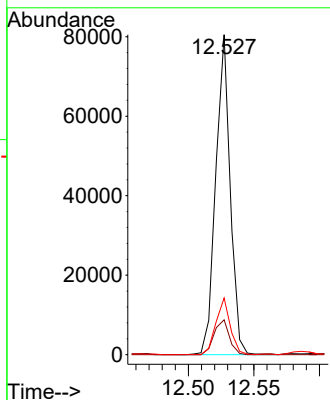
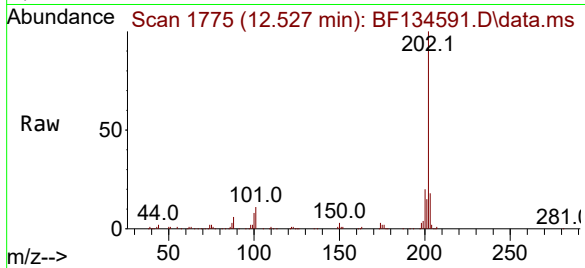




#75
Fluoranthene
Concen: 2.665 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

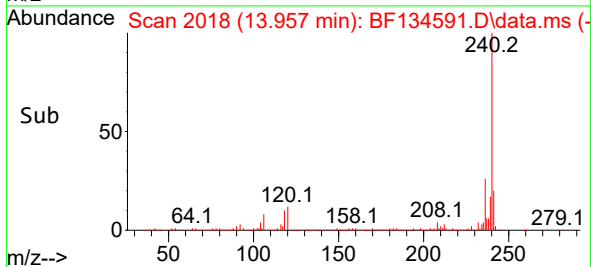
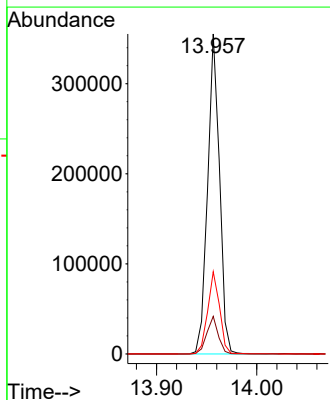
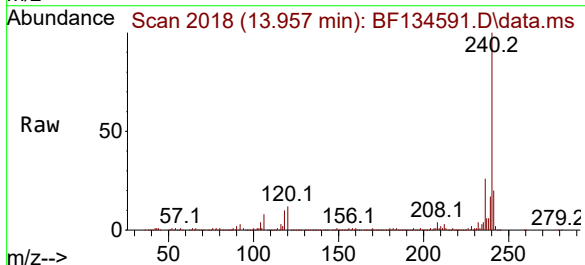
Instrument :
BNA_F
ClientSampleId :
RB-53-(2-5)

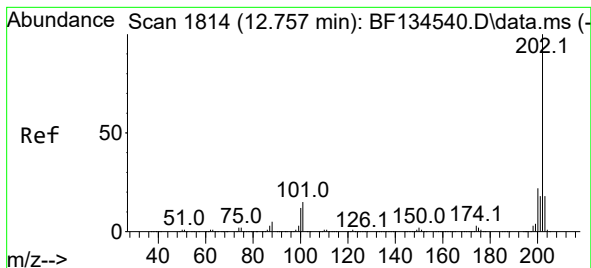
Tgt Ion:202 Resp: 61652
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.5
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134591.D
Acq: 02 Aug 2023 21:13

Tgt Ion:240 Resp: 293987
Ion Ratio Lower Upper
240 100
120 11.8 6.6 10.0#
236 25.7 20.2 30.2





#78

Pyrene

Concen: 2.266 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

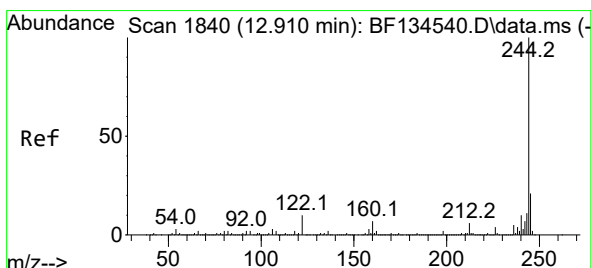
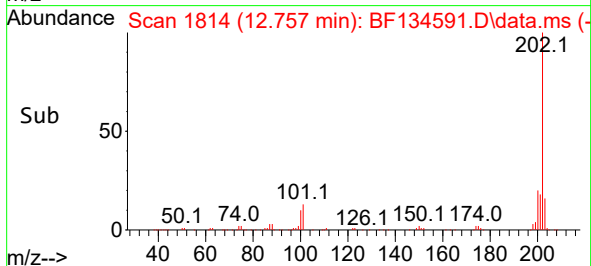
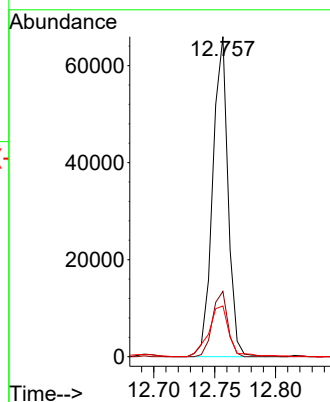
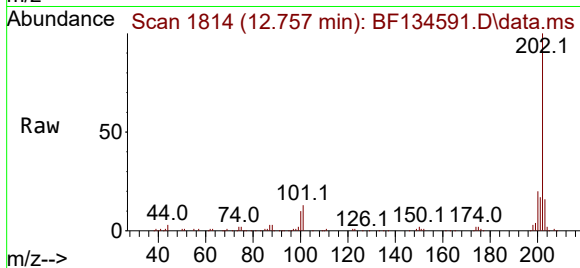
Tgt Ion:202 Resp: 57649

Ion Ratio Lower Upper

202 100

200 20.4 15.8 23.8

203 15.8 13.5 20.3



#79

Terphenyl-d14

Concen: 55.854 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

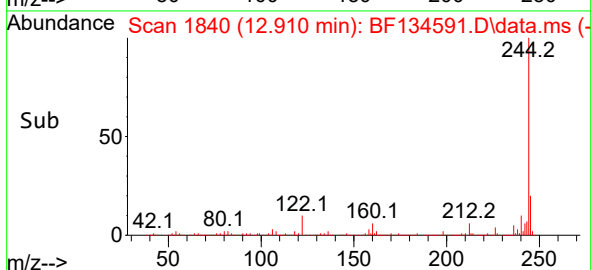
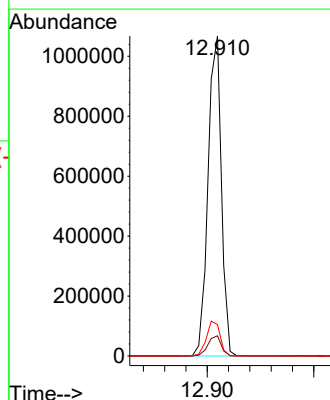
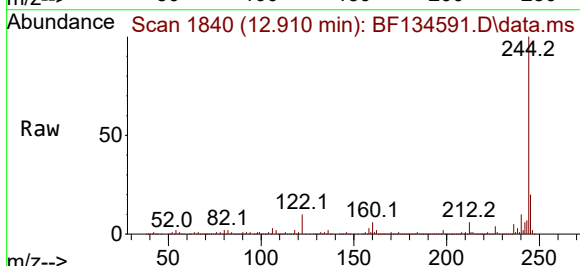
Tgt Ion:244 Resp: 931458

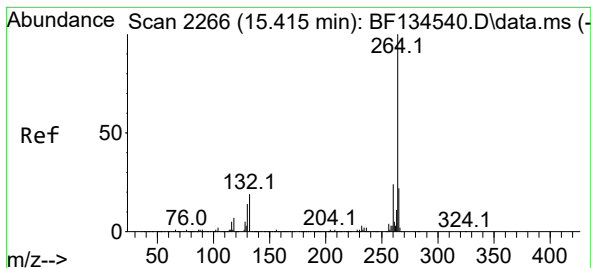
Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 9.8 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)

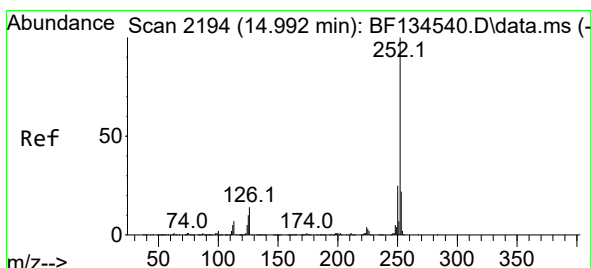
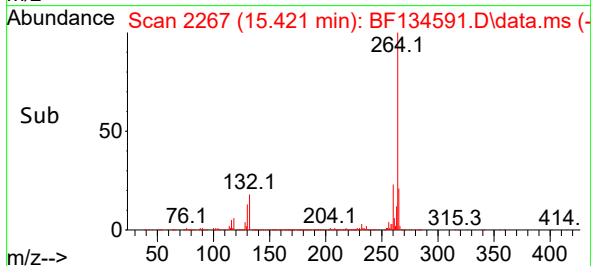
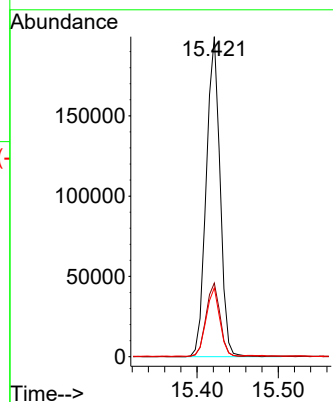
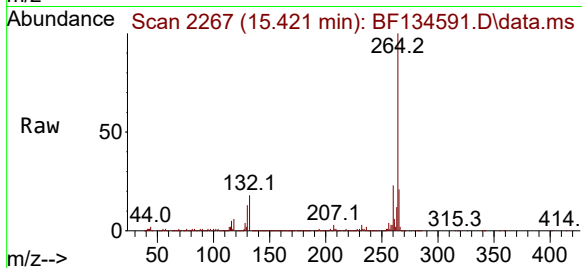
Tgt Ion:264 Resp: 234678

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.5 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 2.406 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF134591.D

Acq: 02 Aug 2023 21:13

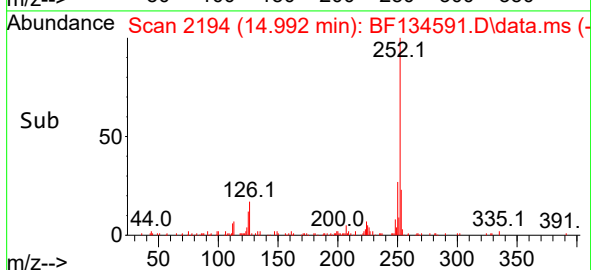
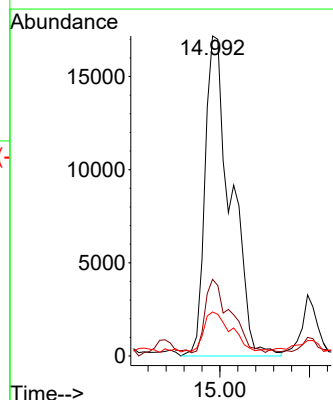
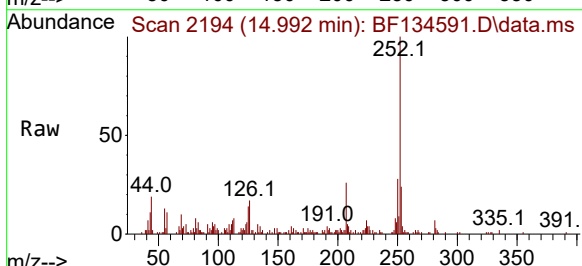
Tgt Ion:252 Resp: 34437

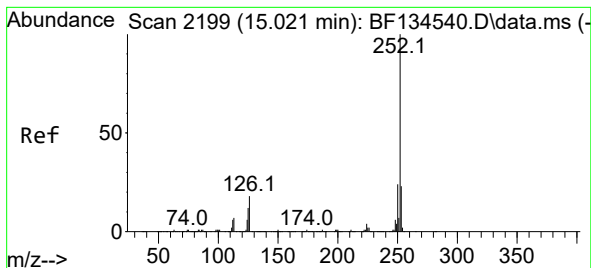
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 13.7 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.415 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134591.D

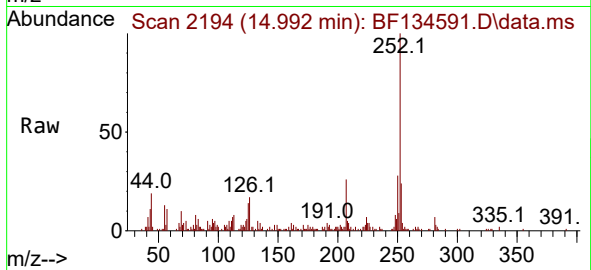
Acq: 02 Aug 2023 21:13

Instrument :

BNA_F

ClientSampleId :

RB-53-(2-5)



Tgt Ion:252 Resp: 34437

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 13.7 6.3 9.5#

