

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132593.D
 Acq On : 01 Mar 2023 16:11
 Operator : CG\JU
 Sample : 01739-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP-1

Quant Time: Mar 02 03:17:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

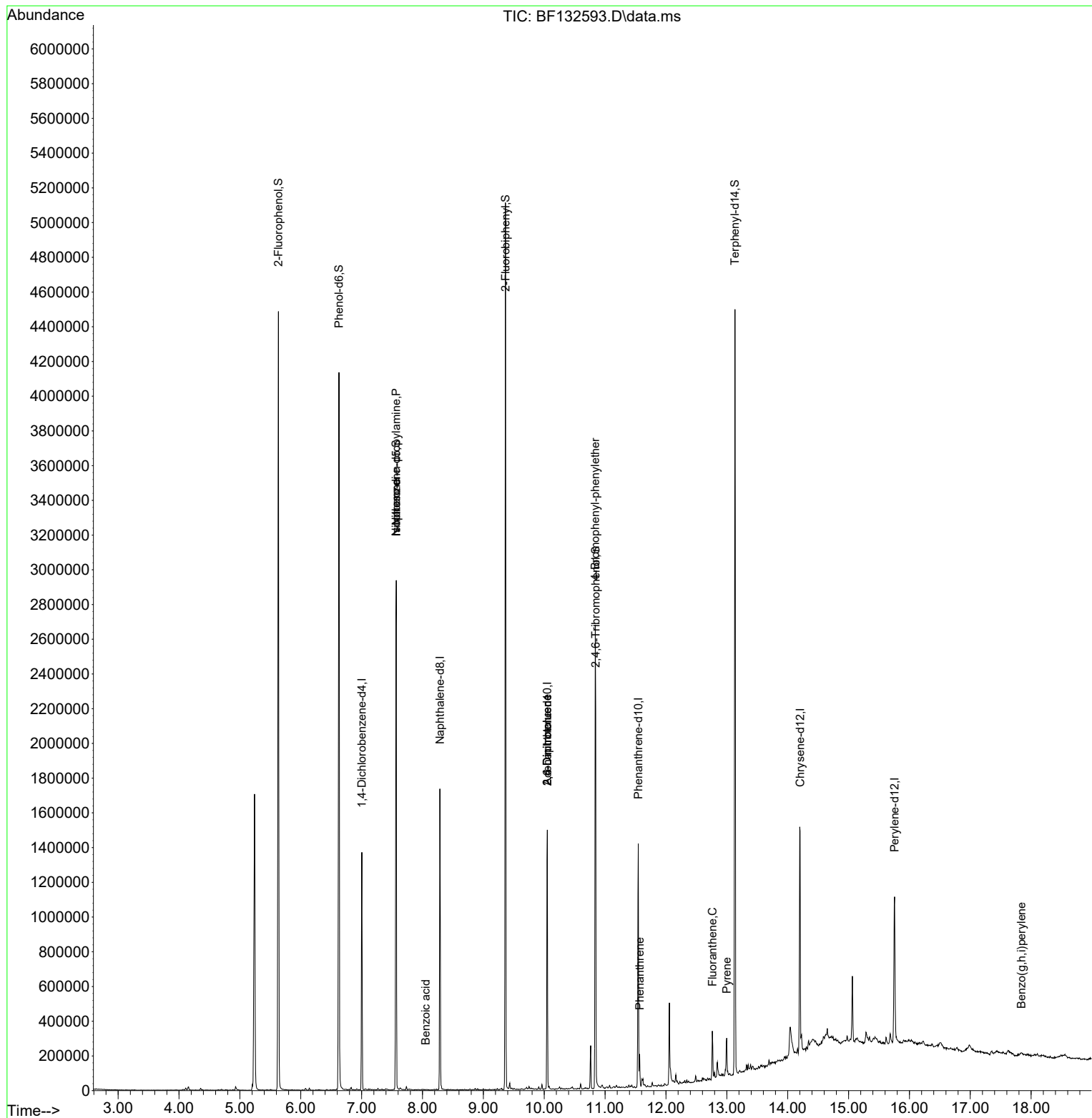
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	192750	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	658736	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	298262	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	512284	20.000	ng	0.00
76) Chrysene-d12	14.204	240	470402	20.000	ng	0.00
86) Perylene-d12	15.757	264	421845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1264173	106.444	ng	0.00
7) Phenol-d6	6.628	99	1572920	101.480	ng	0.00
23) Nitrobenzene-d5	7.569	82	991688	71.425	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	322164	100.017	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1482383	75.677	ng	0.00
79) Terphenyl-d14	13.133	244	1593046	57.258	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	128254	13.445	ng	# 76
25) Isophorone	7.569	82	991667	37.253	ng	# 67
32) Benzoic acid	8.051	122	163	3.854	ng	# 25
51) 2,6-Dinitrotoluene	10.051	165	39083	7.902	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	39083	5.940	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	21461	3.704	ng	# 1
71) Phenanthrene	11.569	178	64688	2.437	ng	97
75) Fluoranthene	12.763	202	95381	3.288	ng	98
78) Pyrene	12.998	202	86009	2.011	ng	99
92) Benzo(g,h,i)perylene	17.839	276	11202	2.040	ng	# 80

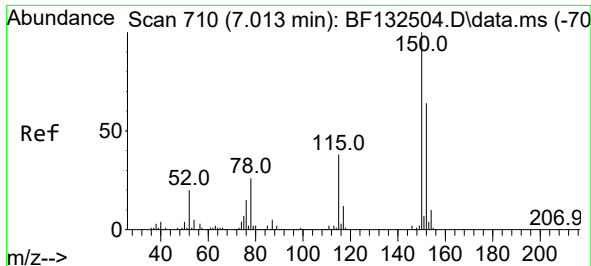
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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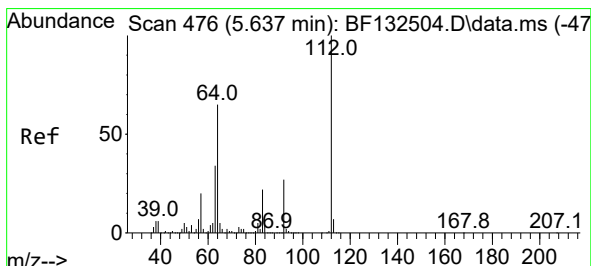
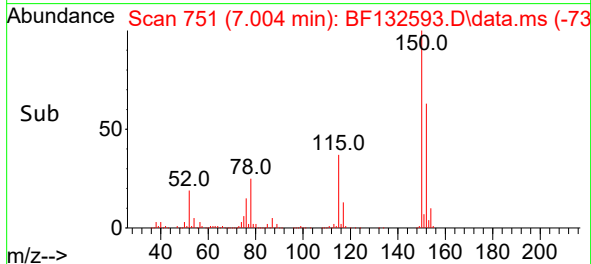
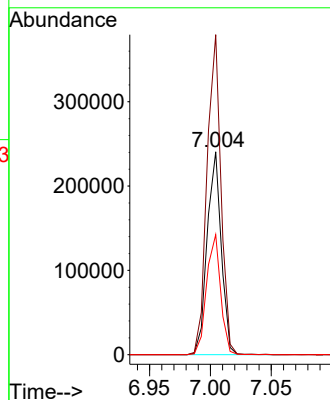
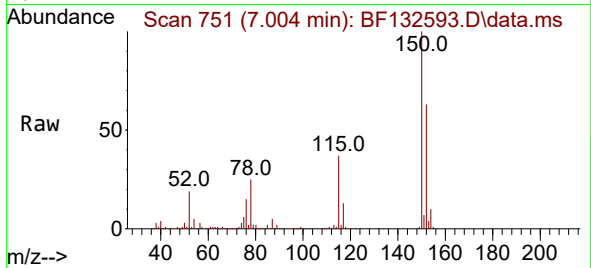




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: BF132593.D
 Acq: 01 Mar 2023 16:11

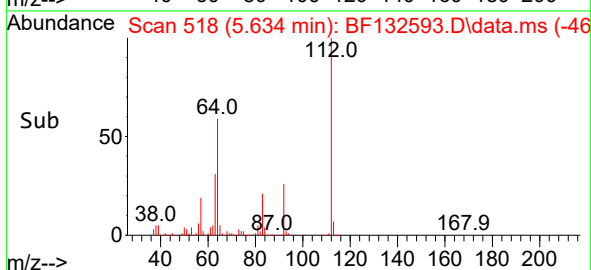
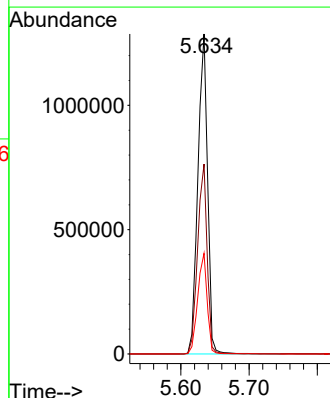
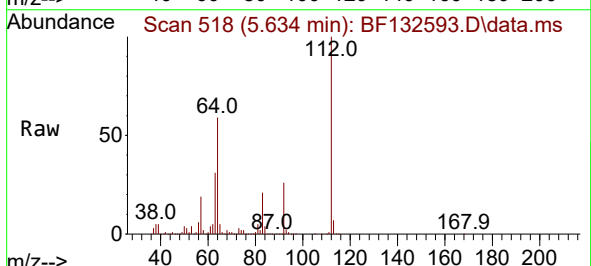
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-COMP-1

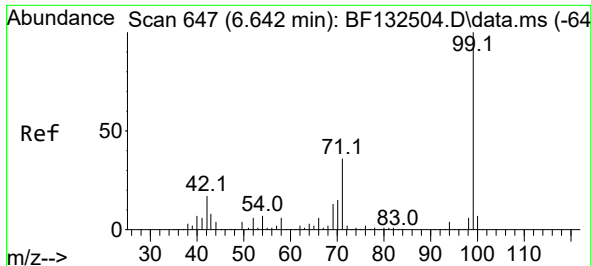
Tgt Ion:152 Resp: 192750
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.4 188.2
 115 59.1 47.8 71.6



#5
 2-Fluorophenol
 Concen: 106.444 ng
 RT: 5.634 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: BF132593.D
 Acq: 01 Mar 2023 16:11

Tgt Ion:112 Resp: 1264173
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.6 77.4
 63 31.5 27.4 41.2

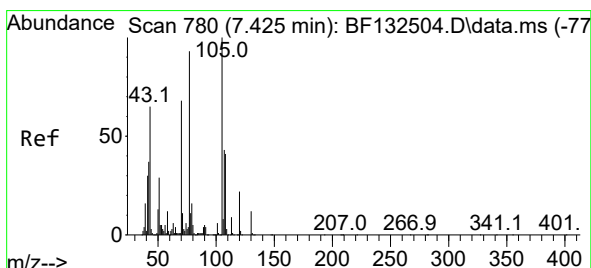
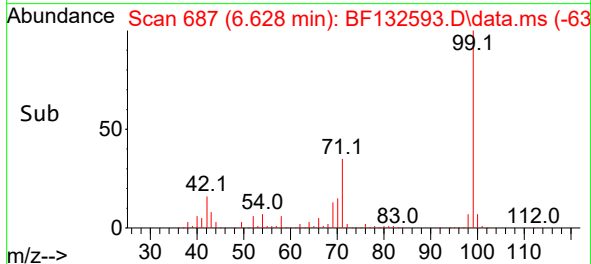
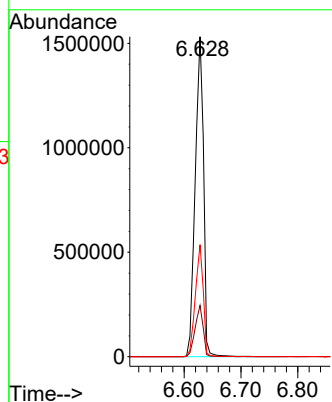
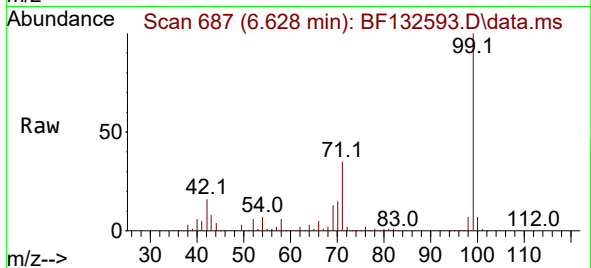




#7
Phenol-d6
Concen: 101.480 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

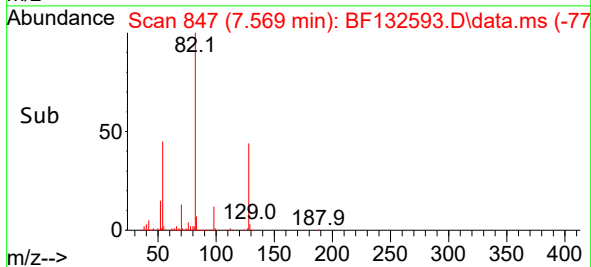
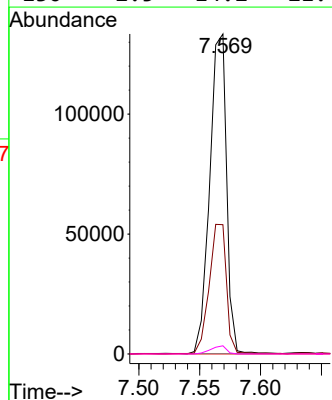
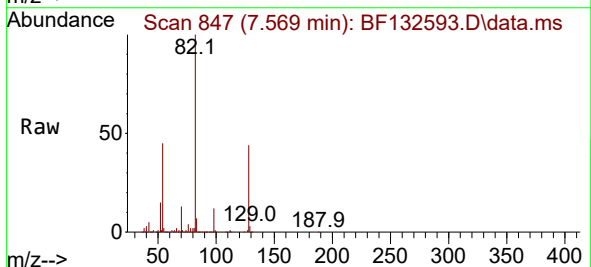
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

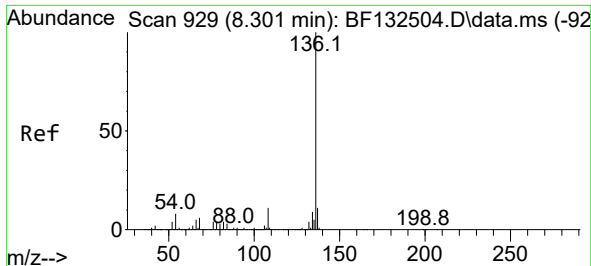
Tgt Ion: 99 Resp: 1572920
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 35.0 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.445 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion: 70 Resp: 128254
Ion Ratio Lower Upper
70 100
42 40.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#

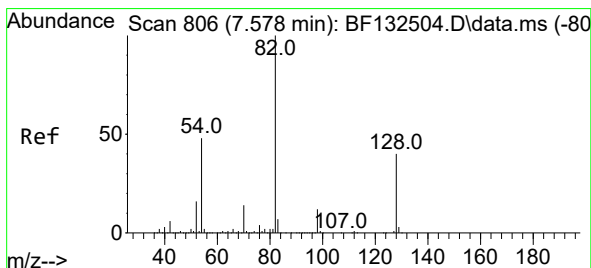
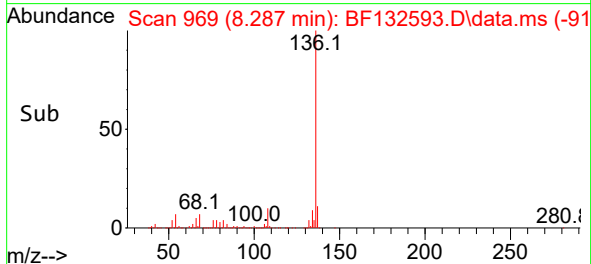
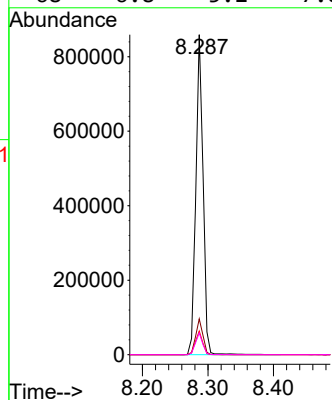
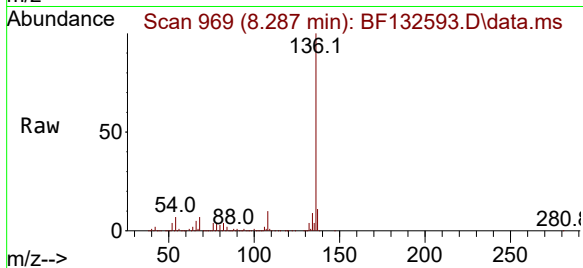




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

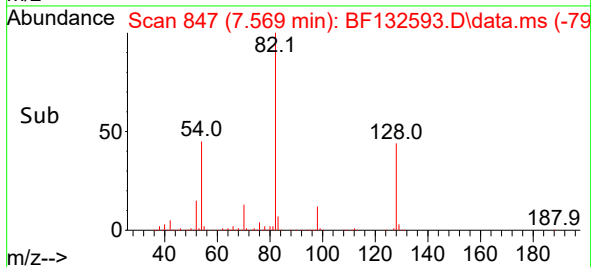
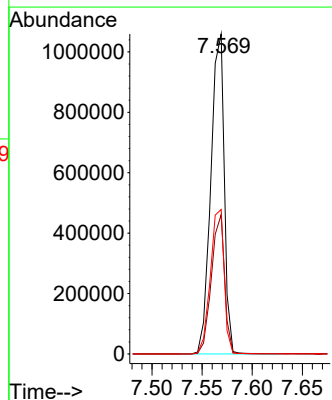
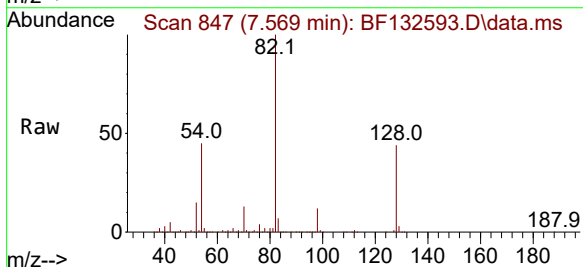
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

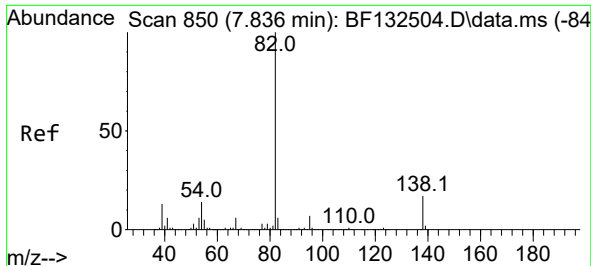
Tgt Ion:136 Resp: 658736
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 71.425 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion: 82 Resp: 991688
Ion Ratio Lower Upper
82 100
128 43.5 32.2 48.2
54 45.1 38.4 57.6

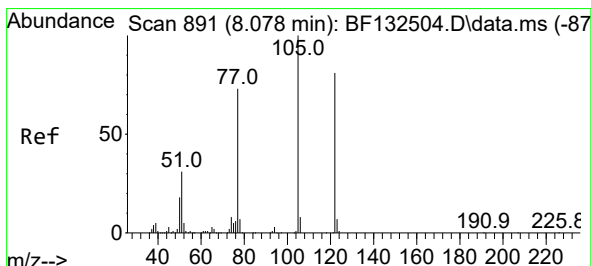
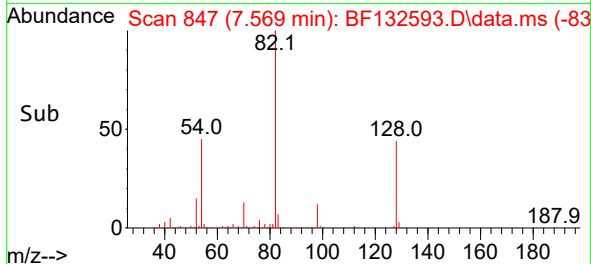
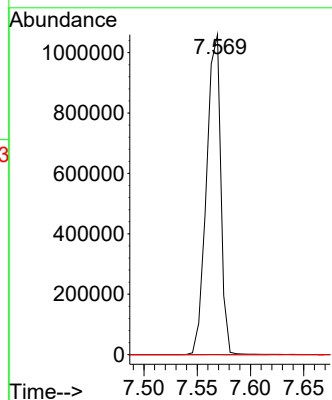
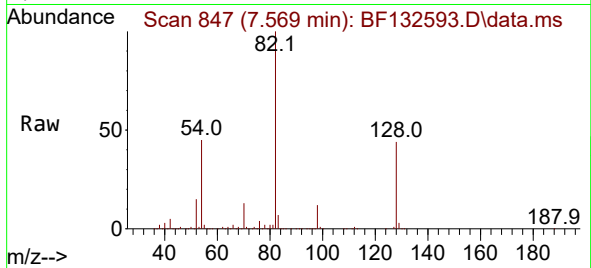




#25
Isophorone
Concen: 37.253 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

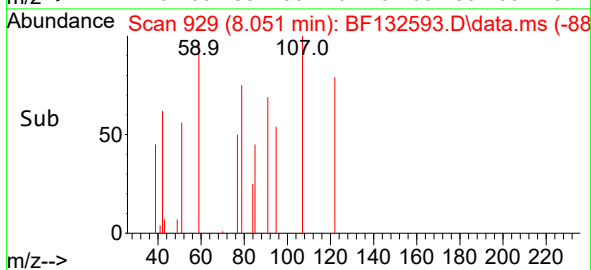
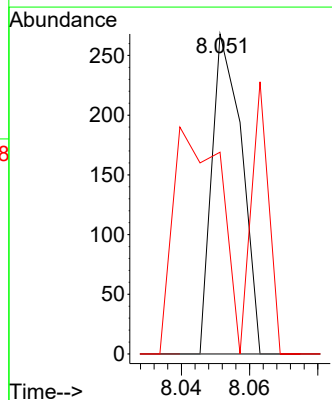
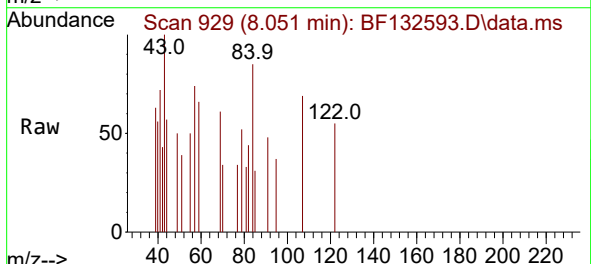
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

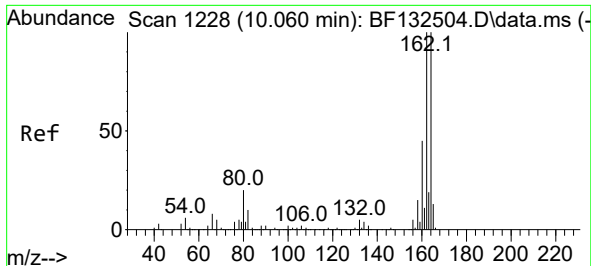
Tgt Ion: 82 Resp: 991667
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.854 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.015 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion: 122 Resp: 163
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 63.1 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

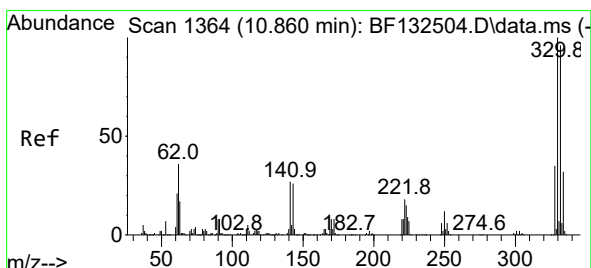
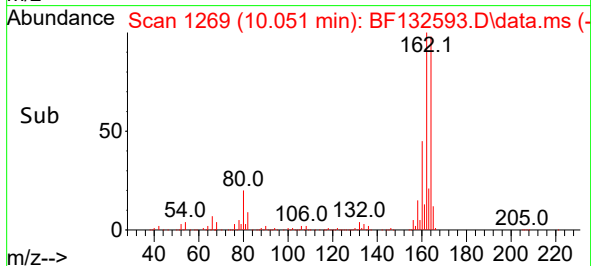
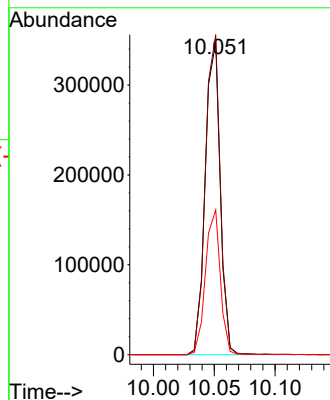
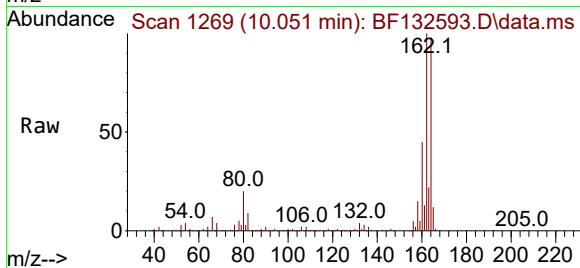
Tgt Ion:164 Resp: 298262

Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 46.4 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 100.017 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

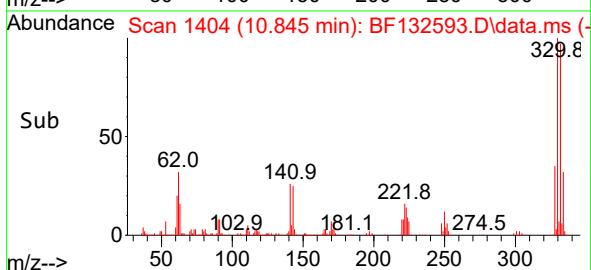
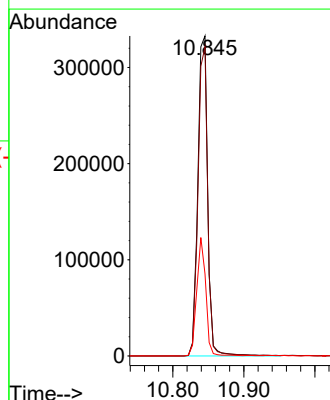
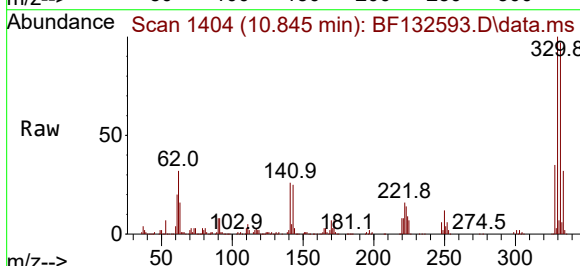
Tgt Ion:330 Resp: 322164

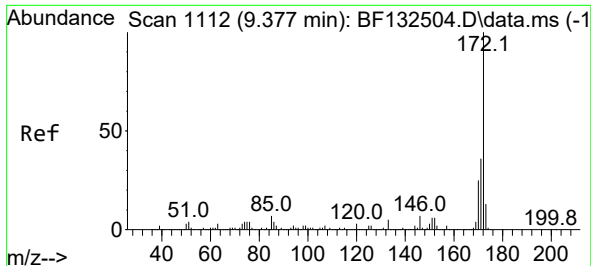
Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 33.9 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 75.677 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

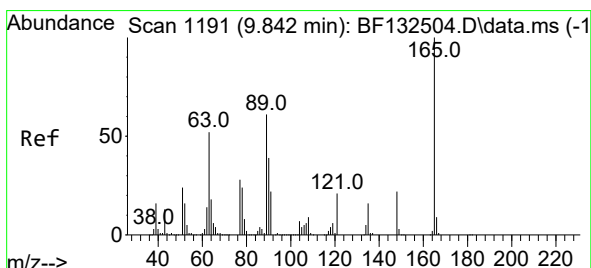
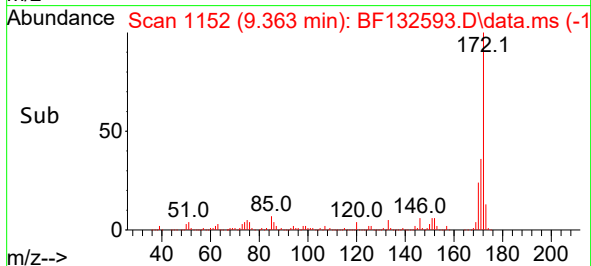
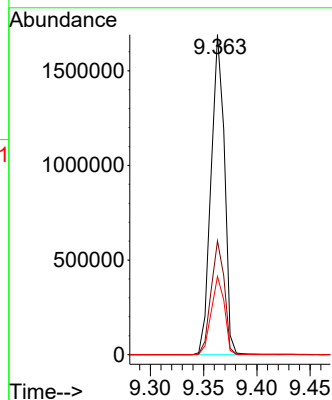
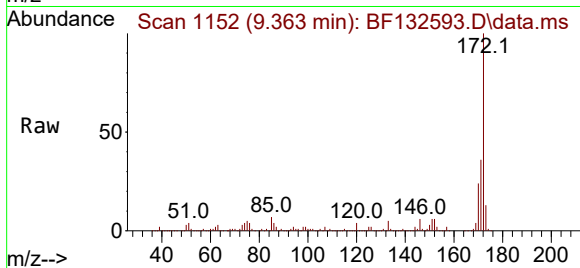
Tgt Ion:172 Resp: 1482383

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.902 ng

RT: 10.051 min Scan# 1269

Delta R.T. 0.215 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

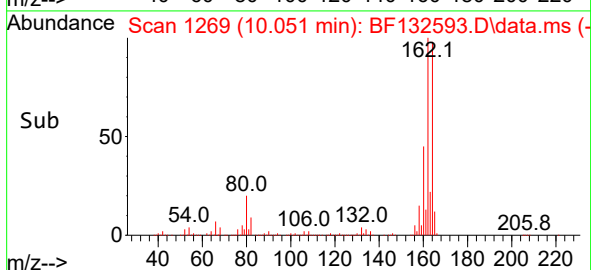
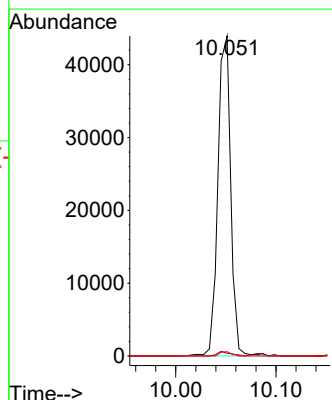
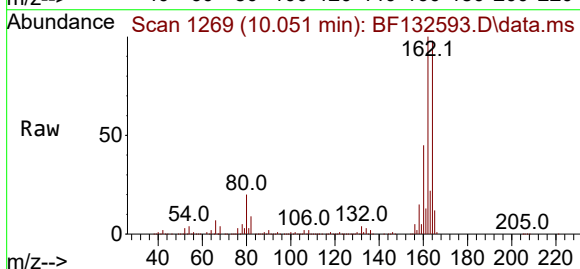
Tgt Ion:165 Resp: 39083

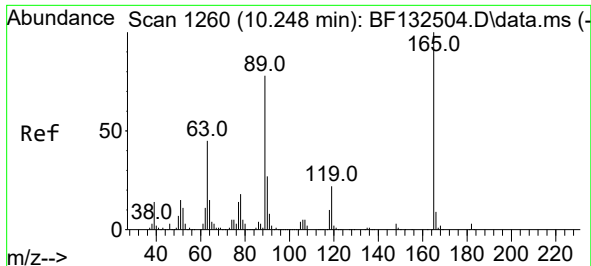
Ion Ratio Lower Upper

165 100

63 0.8 47.3 70.9#

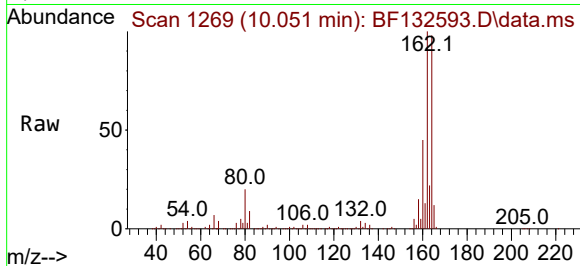
89 1.3 48.9 73.3#



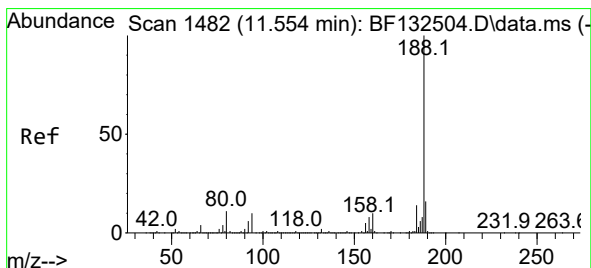
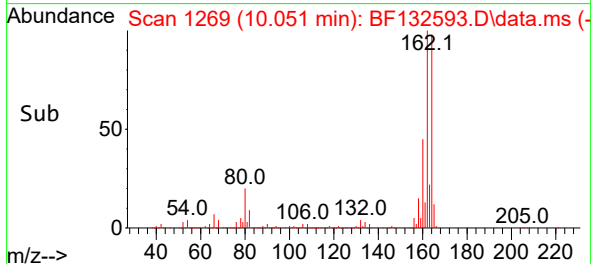
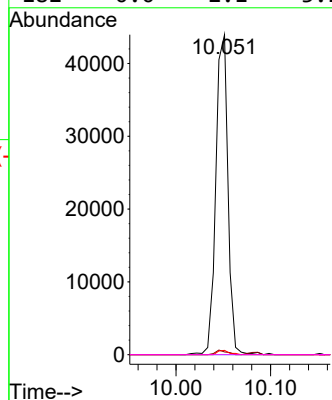


#57
2,4-Dinitrotoluene
Concen: 5.940 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

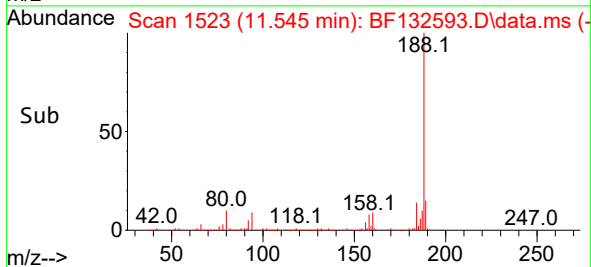
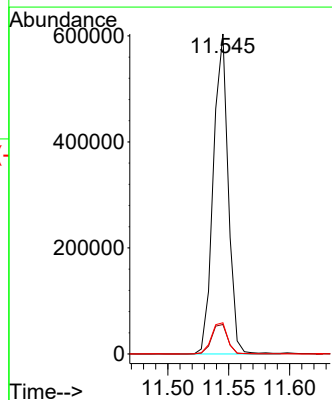
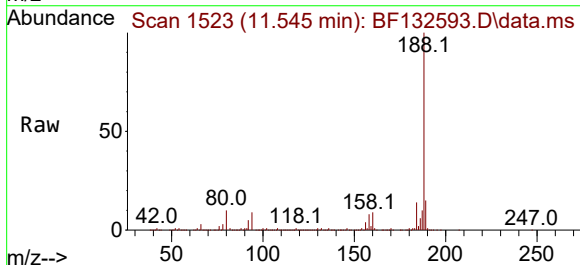


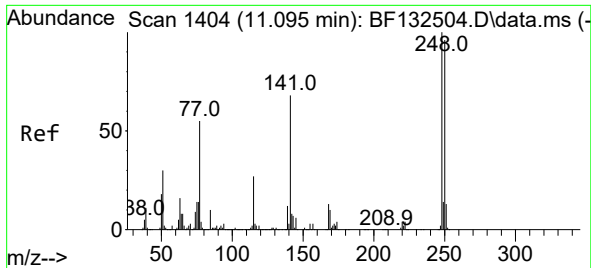
Tgt Ion:165 Resp: 39083
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:188 Resp: 512284
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.7 8.7 13.1

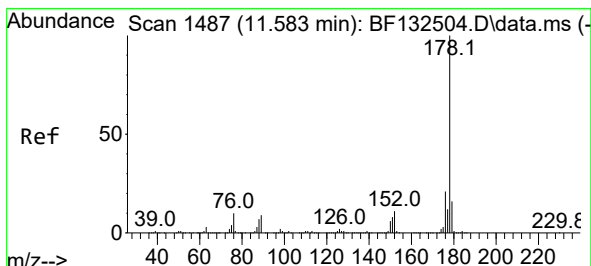
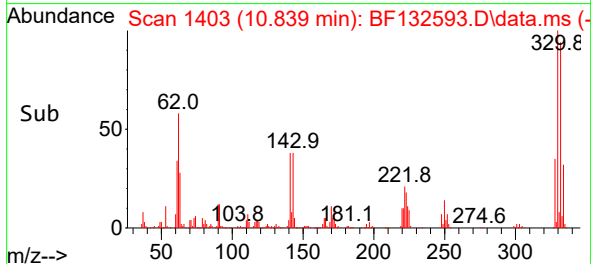
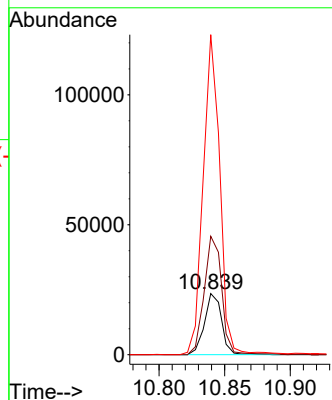
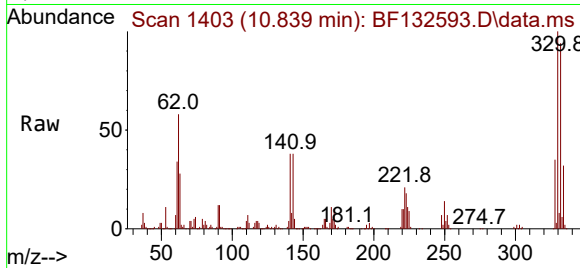




#67
4-Bromophenyl-phenylether
Concen: 3.704 ng
RT: 10.839 min Scan# 14
Delta R.T. -0.250 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

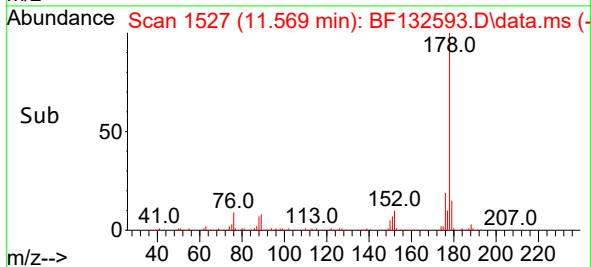
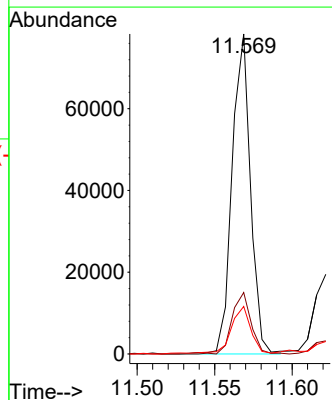
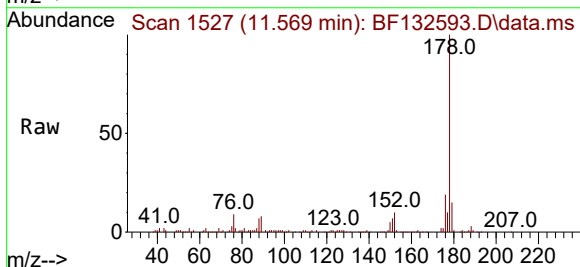
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

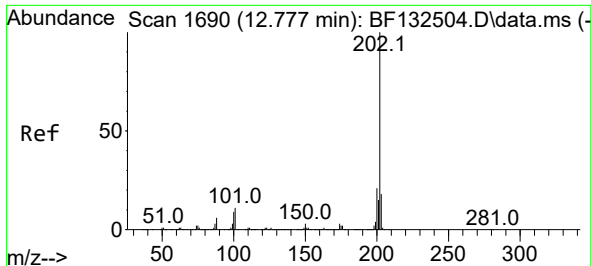
Tgt Ion:248 Resp: 21461
Ion Ratio Lower Upper
248 100
250 193.6 77.0 115.4#
141 523.2 54.2 81.2#



#71
Phenanthrene
Concen: 2.437 ng
RT: 11.569 min Scan# 1527
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:178 Resp: 64688
Ion Ratio Lower Upper
178 100
176 19.2 16.5 24.7
179 14.8 13.0 19.6

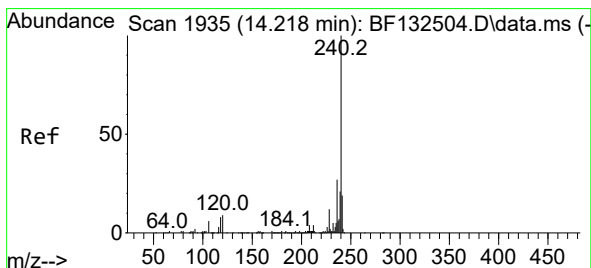
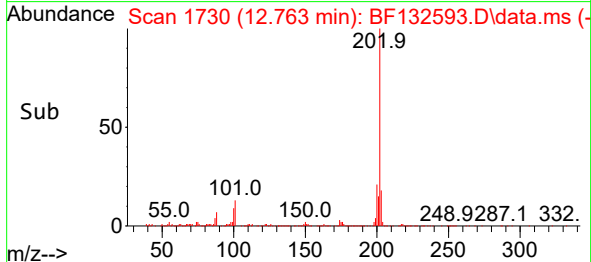
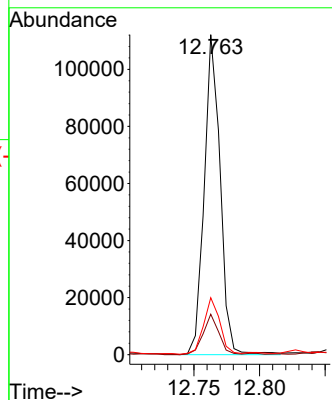
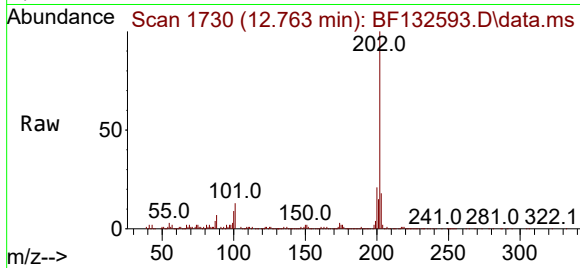




#75
Fluoranthene
Concen: 3.288 ng
RT: 12.763 min Scan# 1730
Delta R.T. -0.009 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

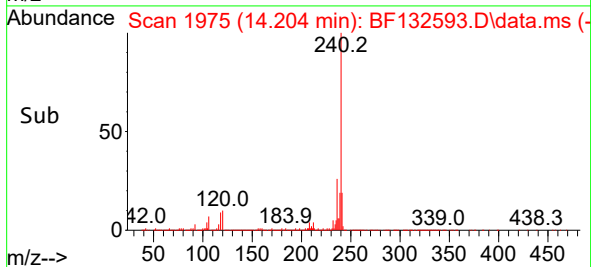
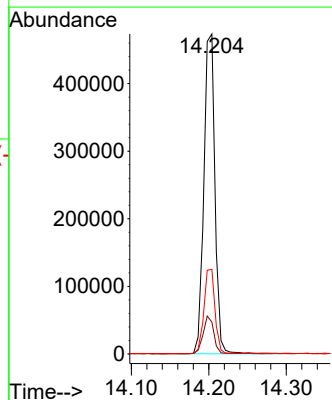
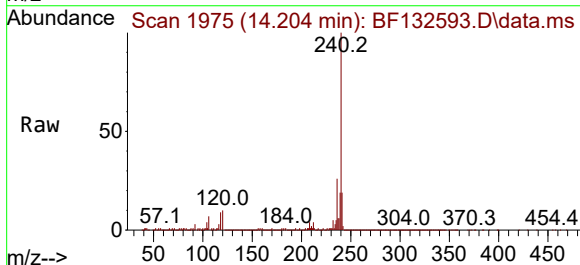
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

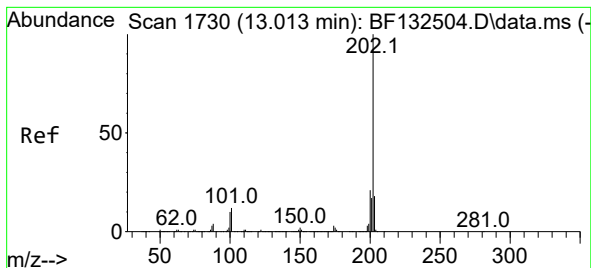
Tgt Ion:202 Resp: 95381
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:240 Resp: 470402
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.4 21.8 32.6





#78

Pyrene

Concen: 2.011 ng

RT: 12.998 min Scan# 1770

Delta R.T. -0.003 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-COMP-1

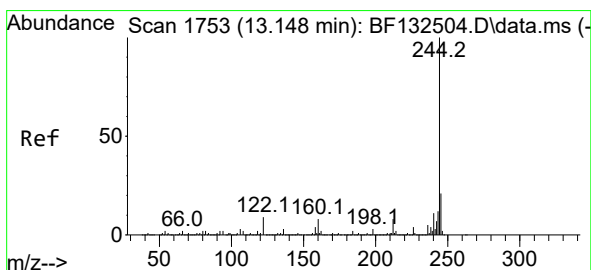
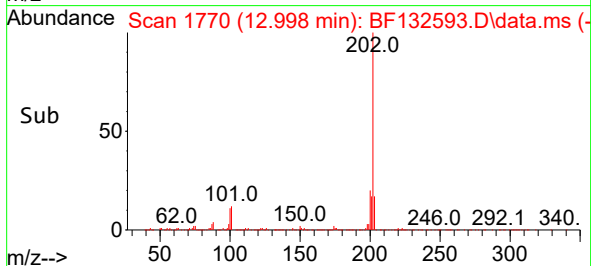
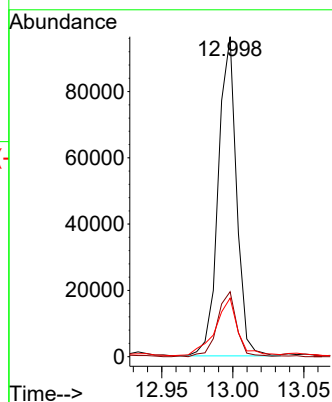
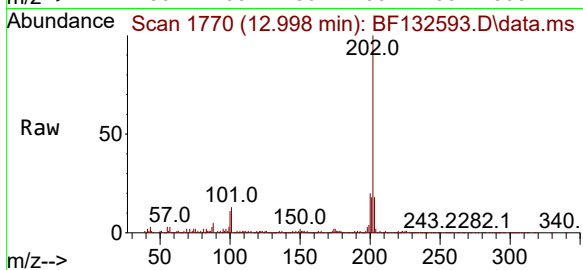
Tgt Ion:202 Resp: 86009

Ion Ratio Lower Upper

202 100

200 20.3 17.1 25.7

203 18.3 14.6 21.8



#79

Terphenyl-d14

Concen: 57.258 ng

RT: 13.133 min Scan# 1793

Delta R.T. -0.009 min

Lab File: BF132593.D

Acq: 01 Mar 2023 16:11

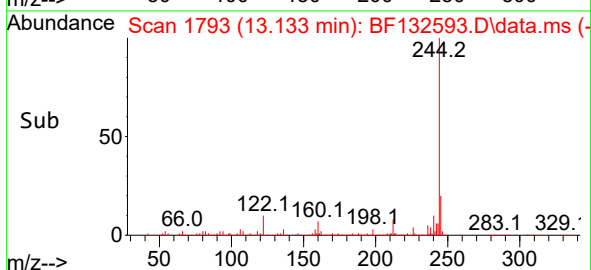
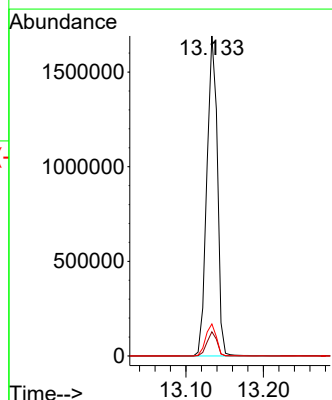
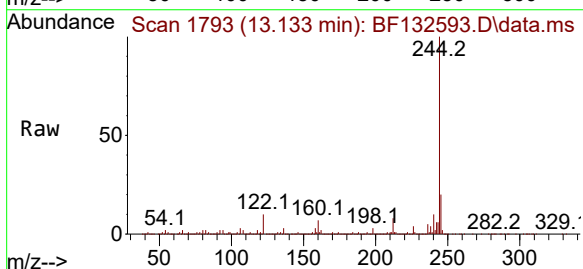
Tgt Ion:244 Resp: 1593046

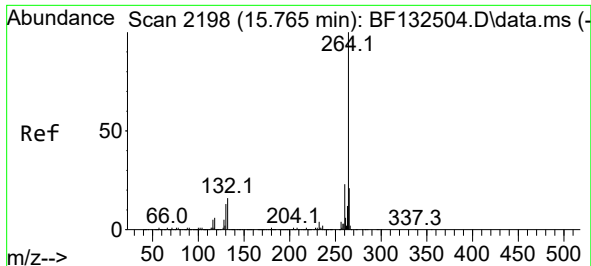
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 10.0 7.5 11.3

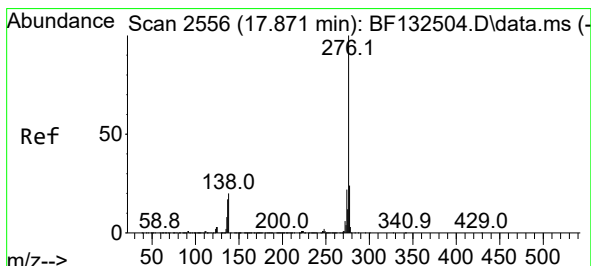
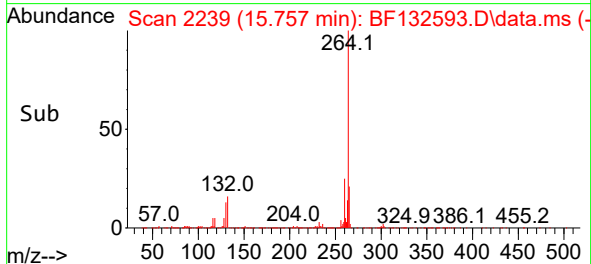
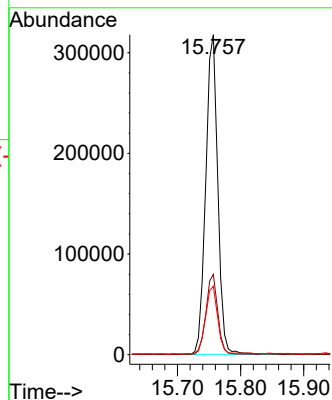
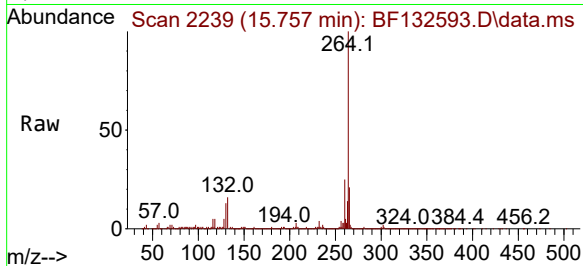




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 2198
Delta R.T. 0.003 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1

Tgt Ion:264 Resp: 421845
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 21.4 17.1 25.7



#92
Benzo(g,h,i)perylene
Concen: 2.040 ng
RT: 17.839 min Scan# 2593
Delta R.T. -0.015 min
Lab File: BF132593.D
Acq: 01 Mar 2023 16:11

Tgt Ion:276 Resp: 11202
Ion Ratio Lower Upper
276 100
277 33.0 18.9 28.3#
138 29.6 16.2 24.4#

