

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132562.D
 Acq On : 27 Feb 2023 20:20
 Operator : CG\JU
 Sample : 01700-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1R

Quant Time: Feb 28 03:18:18 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

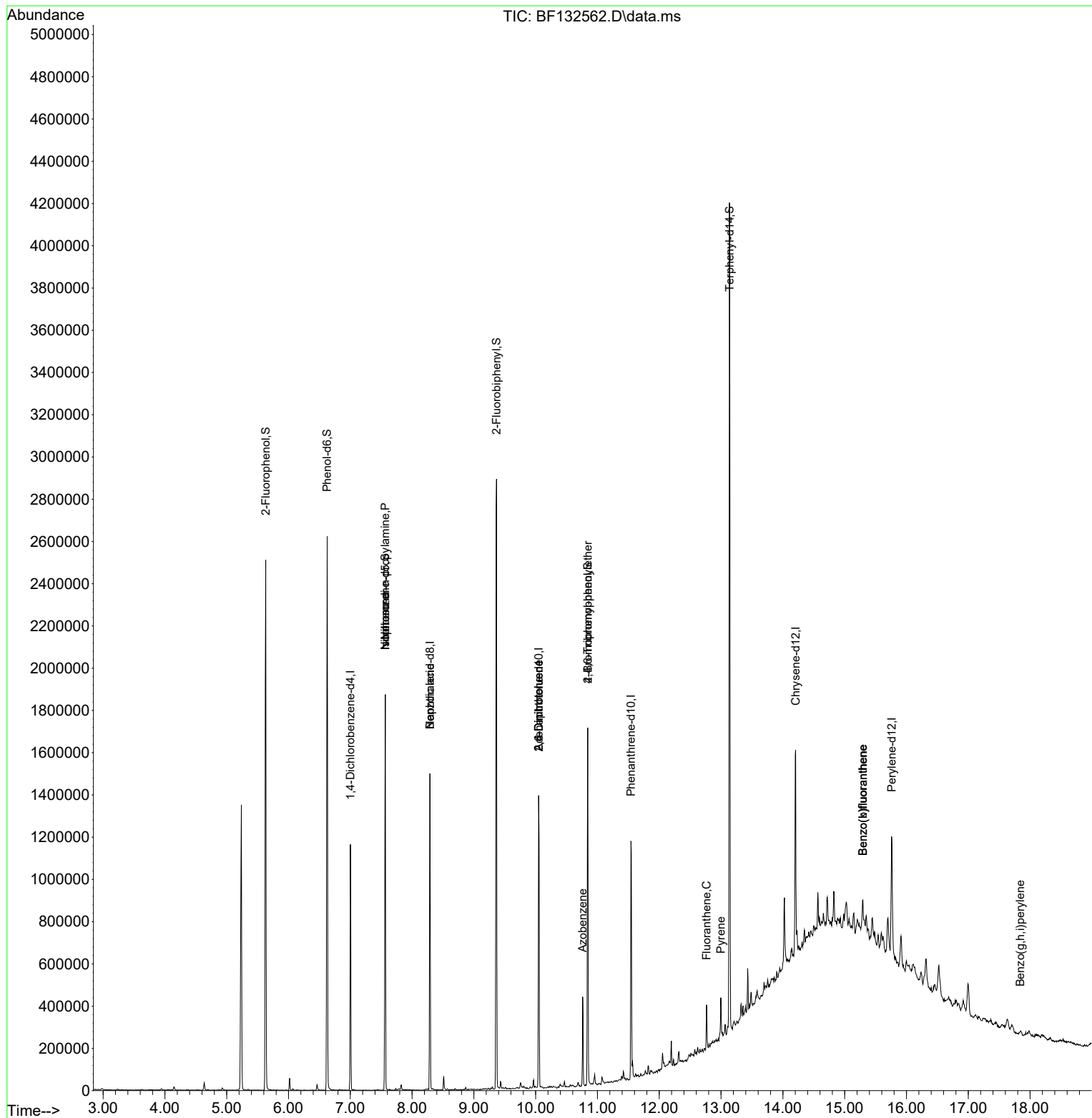
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	159218	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	561727	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	276542	20.000	ng	0.00
64) Phenanthrene-d10	11.542	188	440625	20.000	ng	0.00
76) Chrysene-d12	14.207	240	335473	20.000	ng	0.00
86) Perylene-d12	15.760	264	248764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	633954	64.621	ng	0.00
7) Phenol-d6	6.625	99	840598	65.655	ng	-0.01
23) Nitrobenzene-d5	7.566	82	549527	46.414	ng	0.00
42) 2,4,6-Tribromophenol	10.842	330	183763	61.530	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	880016	48.454	ng	0.00
79) Terphenyl-d14	13.136	244	1382980	69.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.566	70	74771	9.489	ng	# 76
25) Isophorone	7.566	82	549520	24.209	ng	# 67
32) Benzoic acid	8.289	122	104	3.850	ng	# 1
51) 2,6-Dinitrotoluene	10.048	165	36150	7.883	ng	# 22
57) 2,4-Dinitrotoluene	10.048	165	36150	5.926	ng	# 21
63) Azobenzene	10.760	77	71939	3.454	ng	# 1
67) 4-Bromophenyl-phenylether	10.842	248	12206	2.449	ng	# 1
75) Fluoranthene	12.766	202	74459	2.984	ng	97
78) Pyrene	12.995	202	68483	2.245	ng	99
88) Benzo(b)fluoranthene	15.295	252	58283	3.496	ng	# 64
89) Benzo(k)fluoranthene	15.295	252	58283	3.572	ng	# 64
92) Benzo(g,h,i)perylene	17.842	276	14672	2.559	ng	# 82

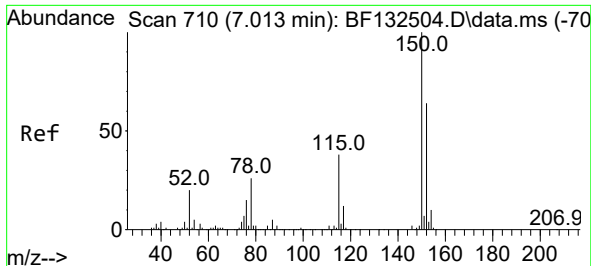
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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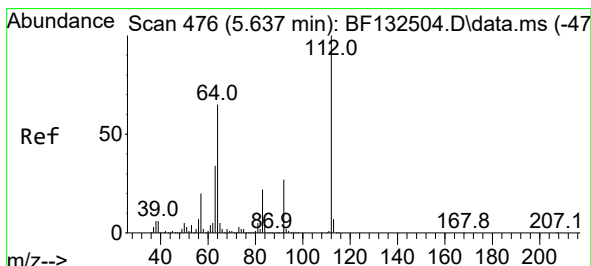
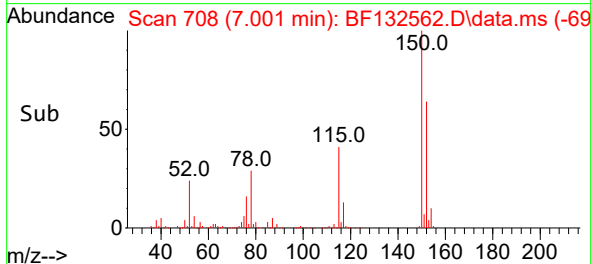
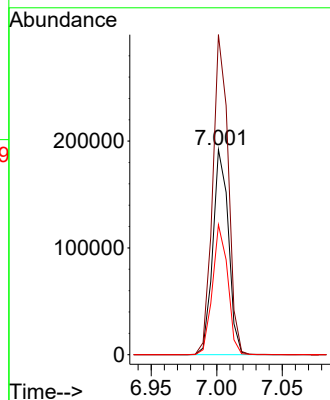
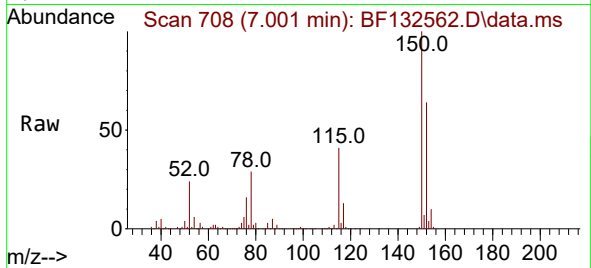




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

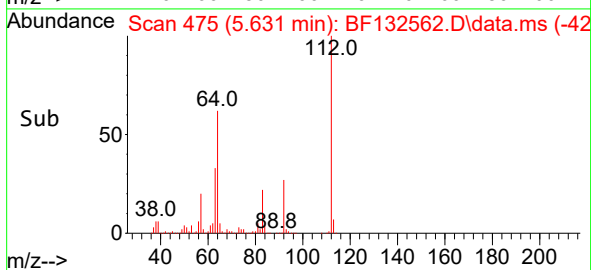
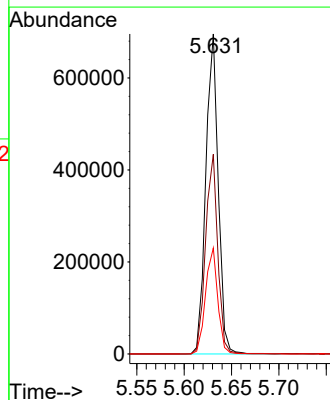
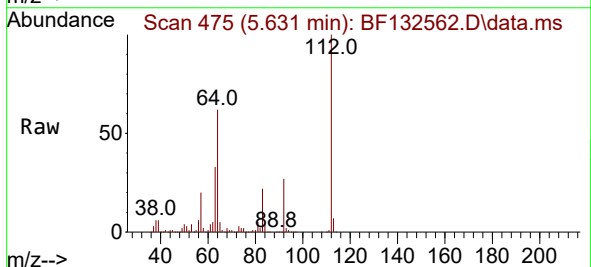
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BNA_F
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MW-1R

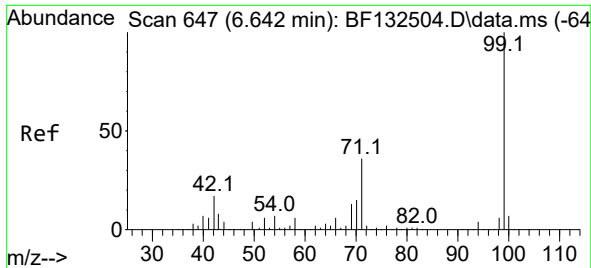
Tgt Ion:152 Resp: 159218
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 63.4 47.8 71.6



#5
2-Fluorophenol
Concen: 64.621 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion:112 Resp: 633954
Ion Ratio Lower Upper
112 100
64 62.4 51.6 77.4
63 33.1 27.4 41.2

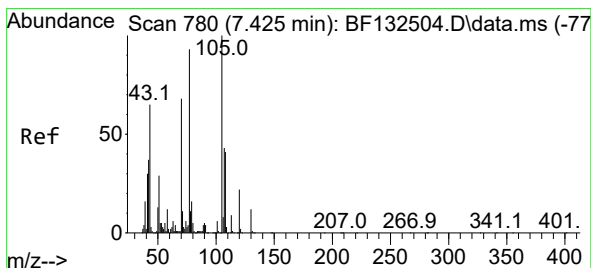
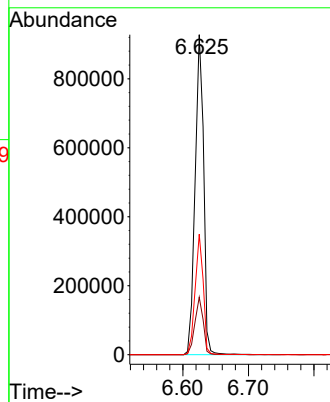
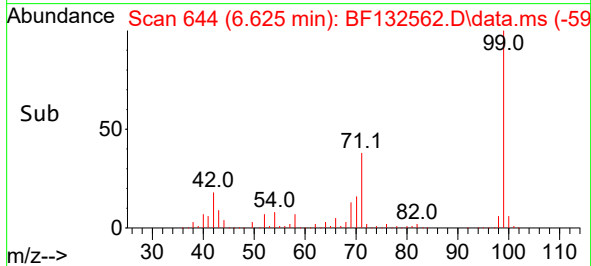
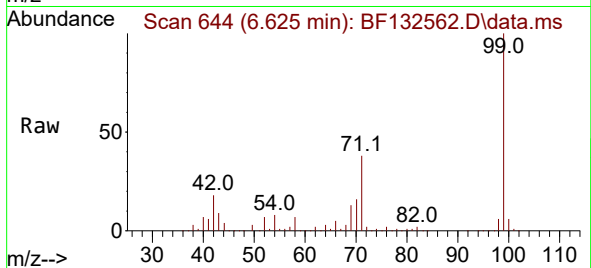




#7
Phenol-d6
Concen: 65.655 ng
RT: 6.625 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

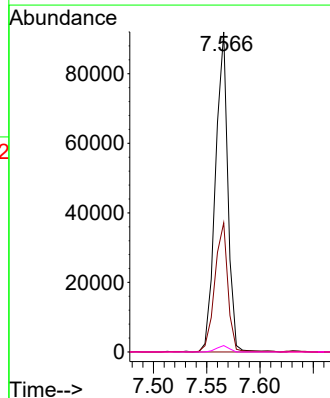
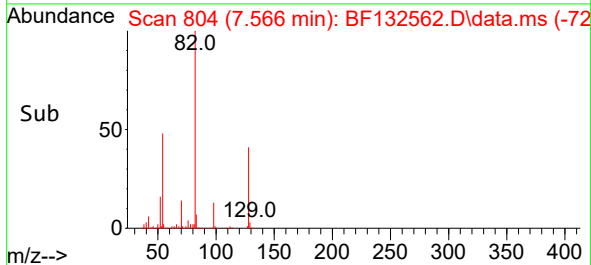
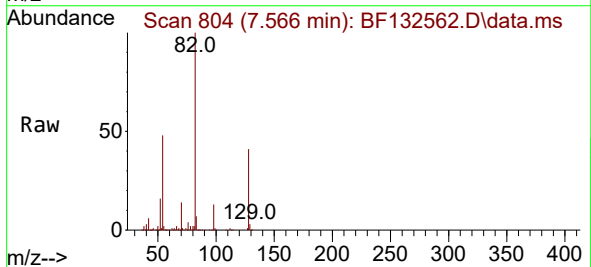
Instrument :
BNA_F
ClientSampleId :
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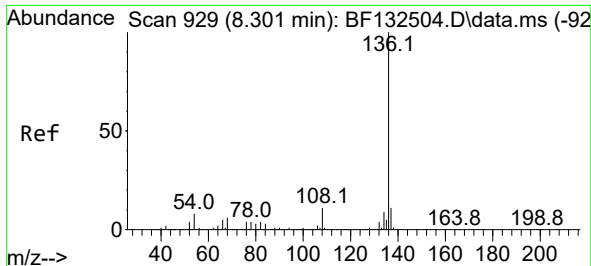
Tgt Ion: 99 Resp: 840598
Ion Ratio Lower Upper
99 100
42 18.0 13.9 20.9
71 37.7 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.489 ng
RT: 7.566 min Scan# 804
Delta R.T. 0.147 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion: 70 Resp: 74771
Ion Ratio Lower Upper
70 100
42 40.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



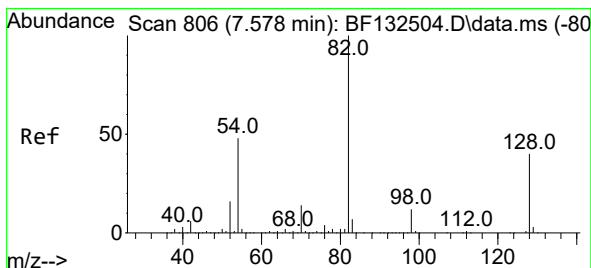
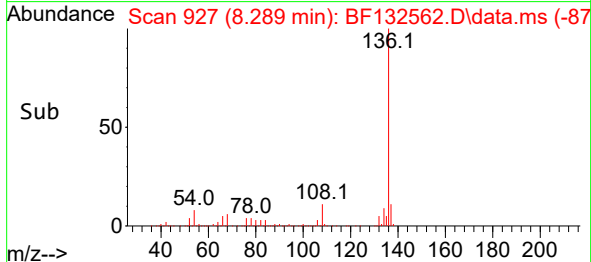
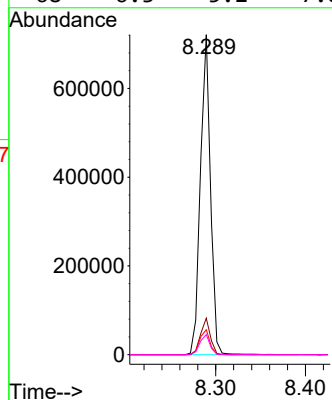
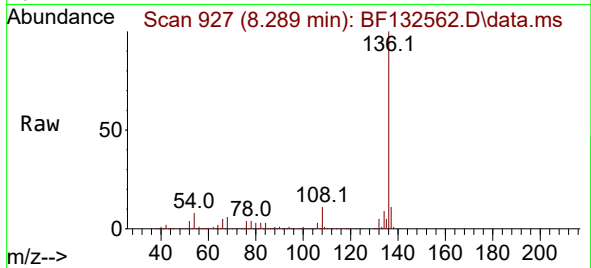


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:136 Resp: 561727

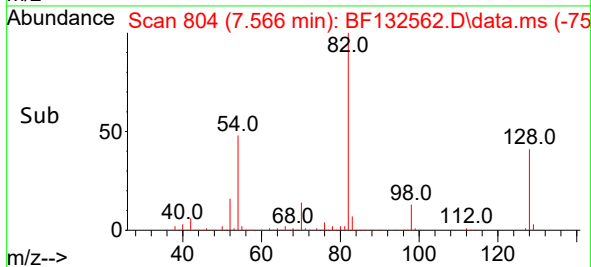
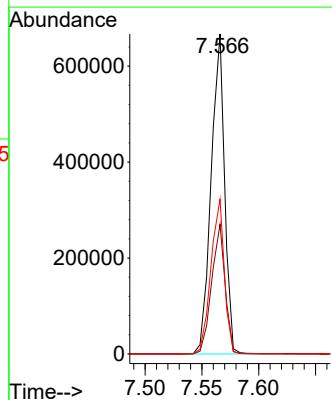
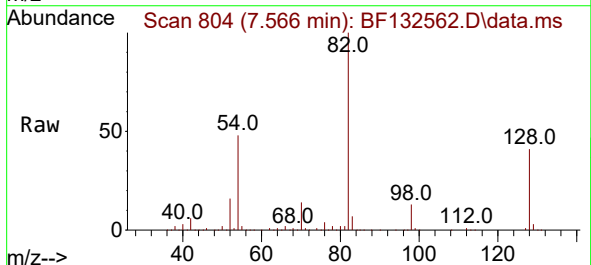
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.4
68	6.3	5.2	7.8

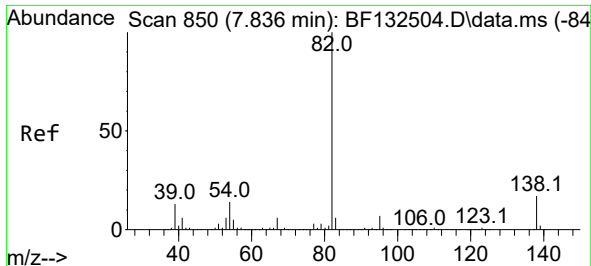


#23
Nitrobenzene-d5
Concen: 46.414 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion: 82 Resp: 549527

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	48.4	38.4	57.6

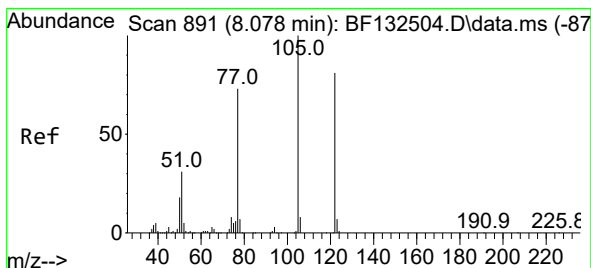
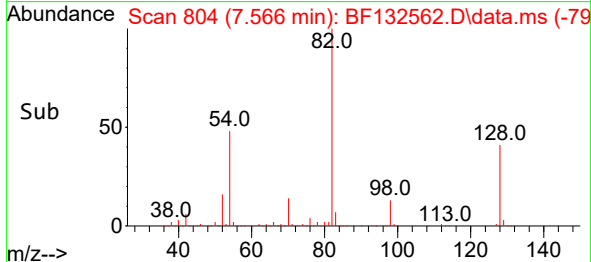
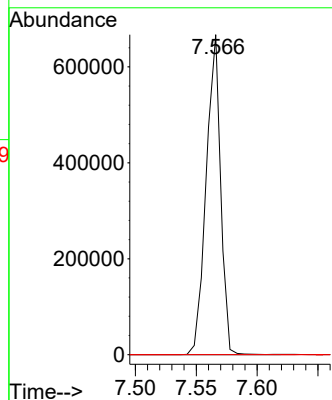
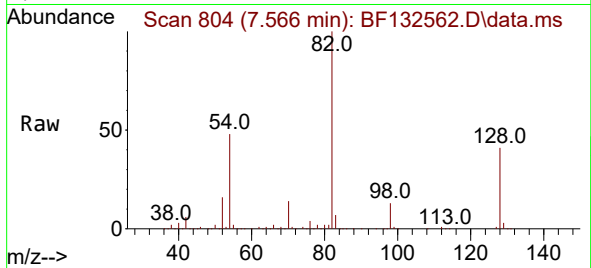




#25
Isophorone
Concen: 24.209 ng
RT: 7.566 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

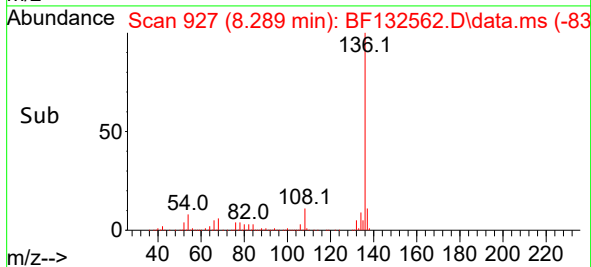
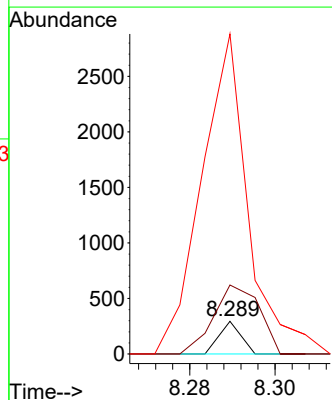
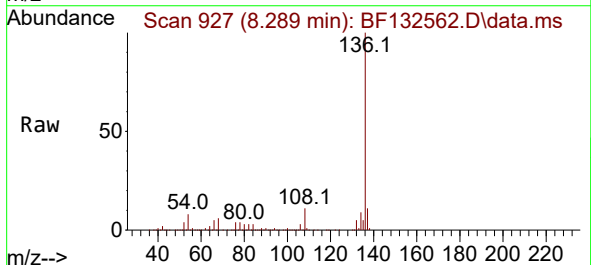
Instrument :
BNA_F
ClientSampleId :
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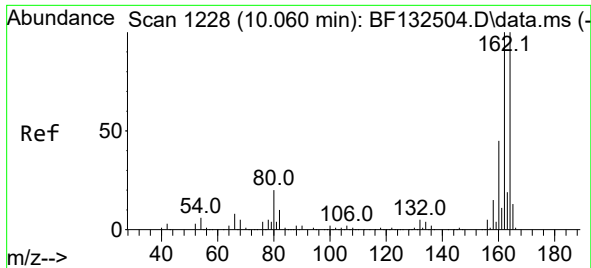
Tgt Ion: 82 Resp: 549520
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.850 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.224 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion:122 Resp: 104
Ion Ratio Lower Upper
122 100
105 210.8 102.6 142.6#
77 976.9 70.2 110.2#

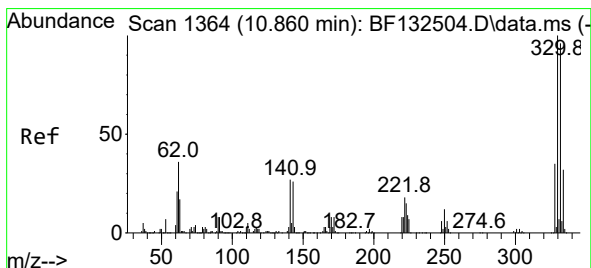
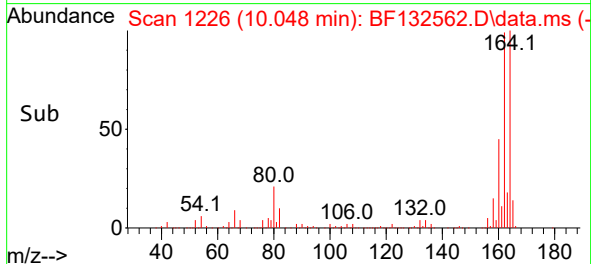
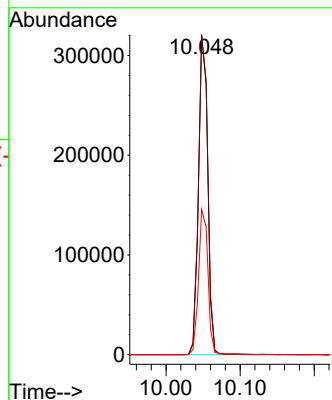
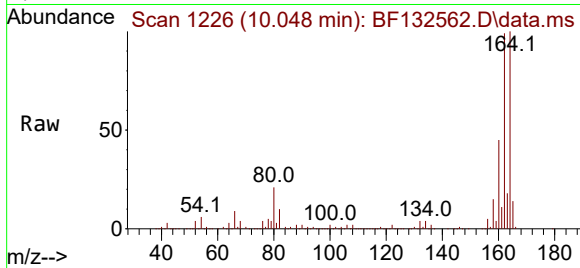




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

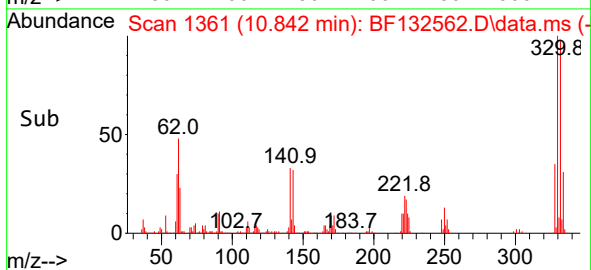
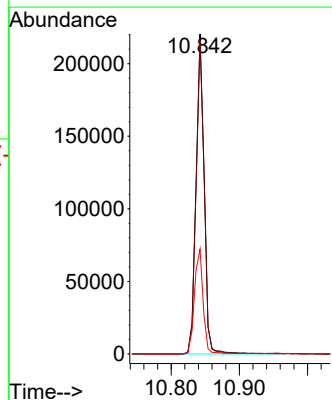
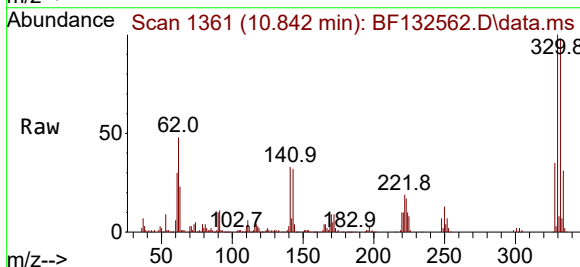
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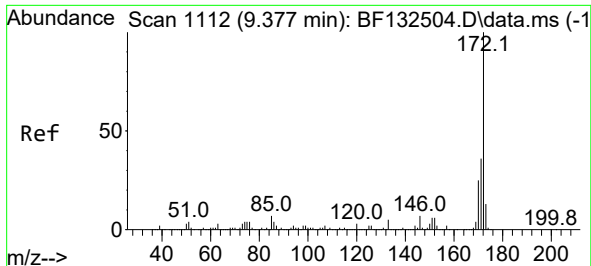
Tgt Ion:164 Resp: 276542
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 61.530 ng
RT: 10.842 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion:330 Resp: 183763
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 35.1 28.4 42.6

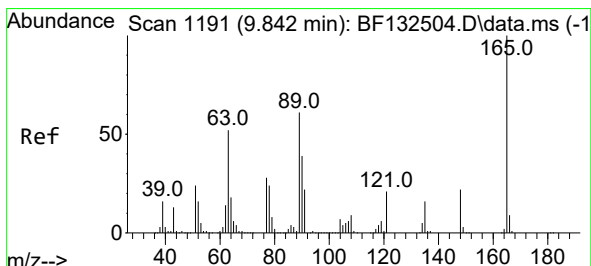
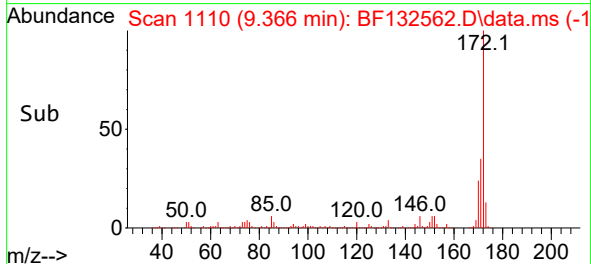
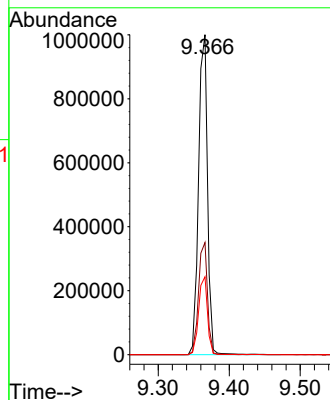
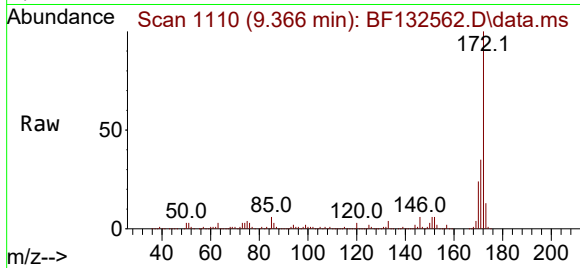




#45
2-Fluorobiphenyl
Concen: 48.454 ng
RT: 9.366 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

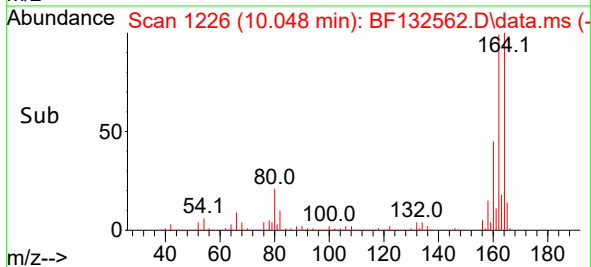
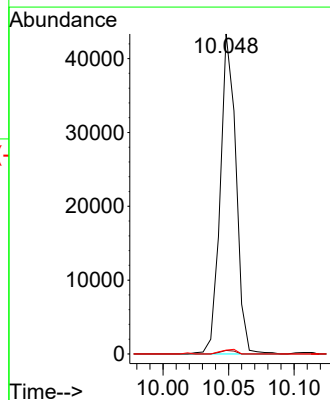
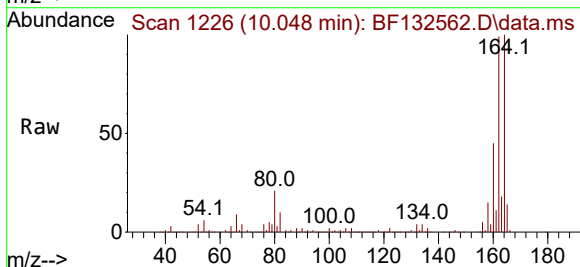
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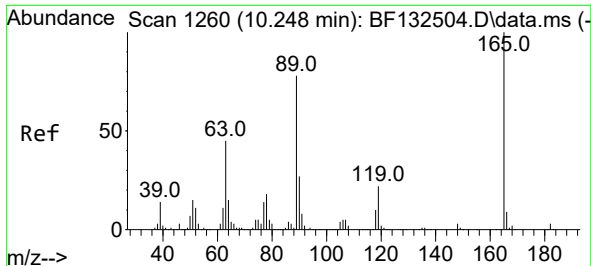
Tgt Ion:172 Resp: 880016
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.883 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.212 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion:165 Resp: 36150
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.2 48.9 73.3#

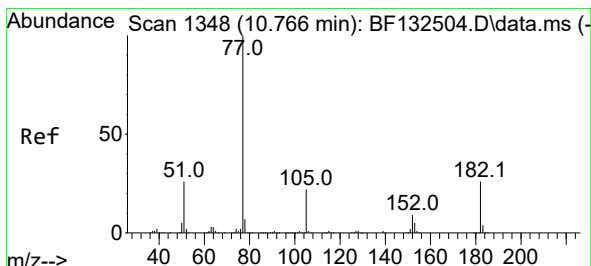
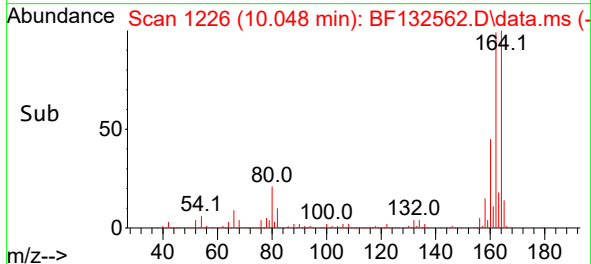
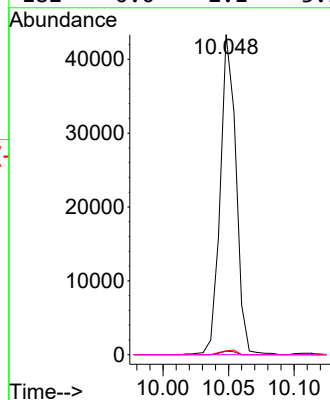
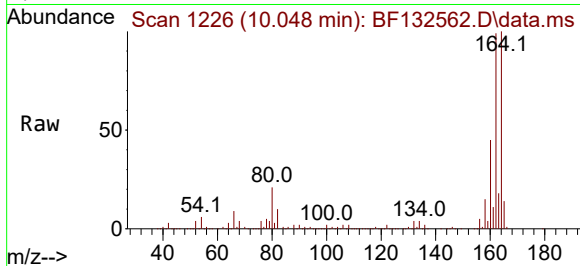




#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 10.048 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

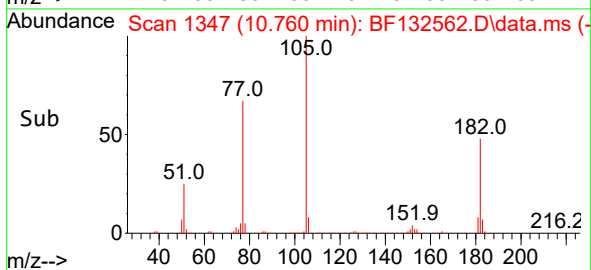
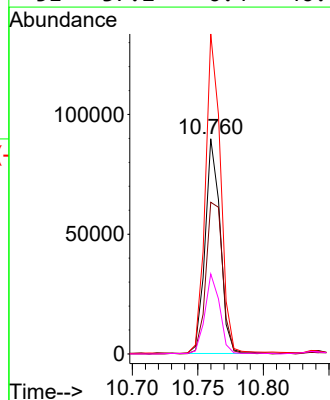
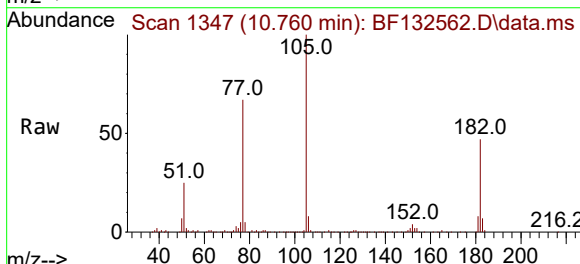
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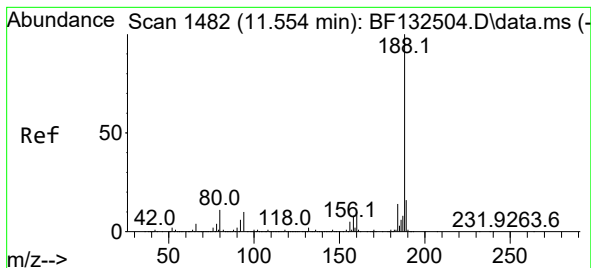
Tgt Ion:165 Resp: 36150
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.454 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion: 77 Resp: 71939
Ion Ratio Lower Upper
77 100
182 70.5 5.5 45.5#
105 148.7 1.8 41.8#
51 37.2 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.542 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

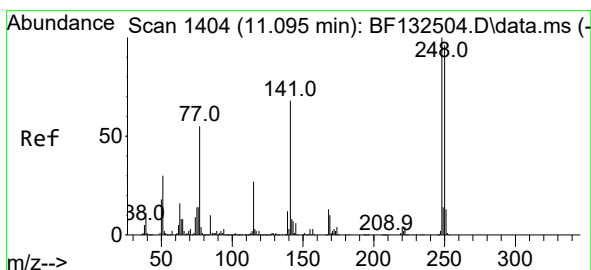
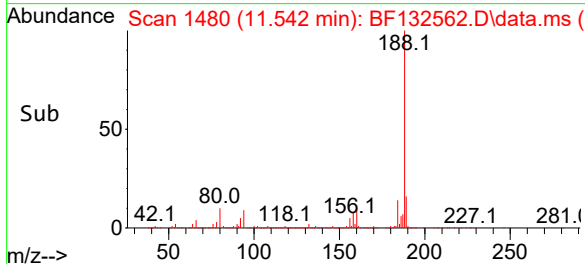
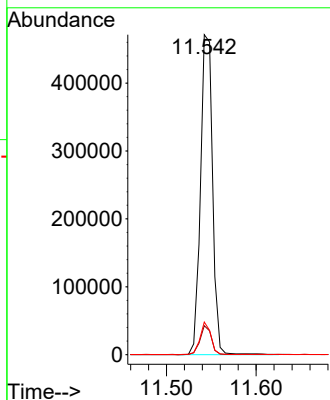
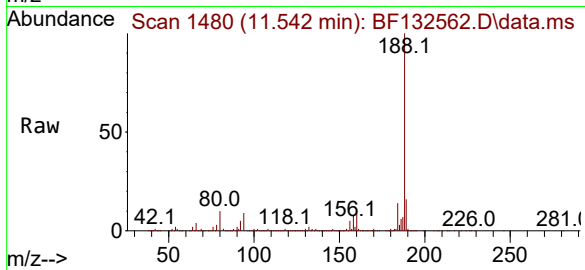
Tgt Ion:188 Resp: 440625

Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 10.2 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.449 ng

RT: 10.842 min Scan# 1361

Delta R.T. -0.247 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

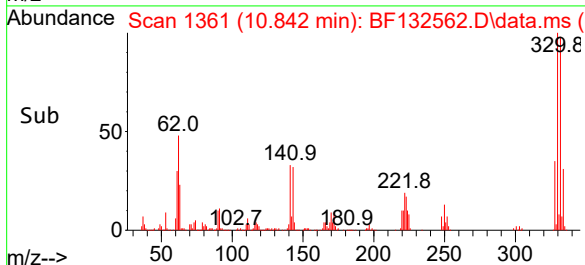
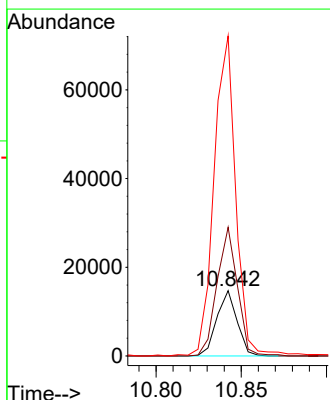
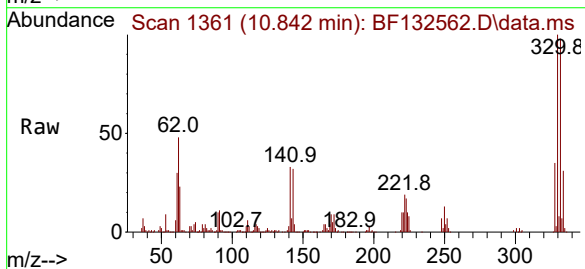
Tgt Ion:248 Resp: 12206

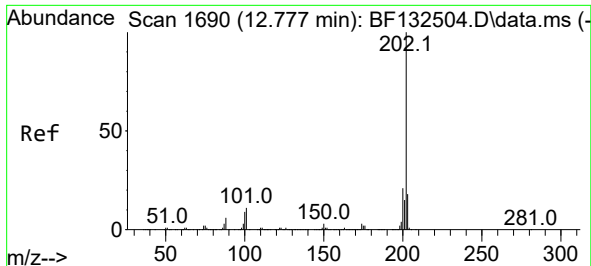
Ion Ratio Lower Upper

248 100

250 196.8 77.0 115.4#

141 489.5 54.2 81.2#

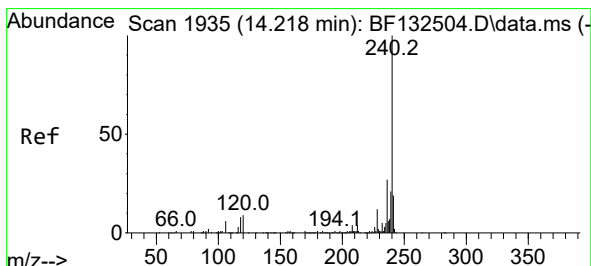
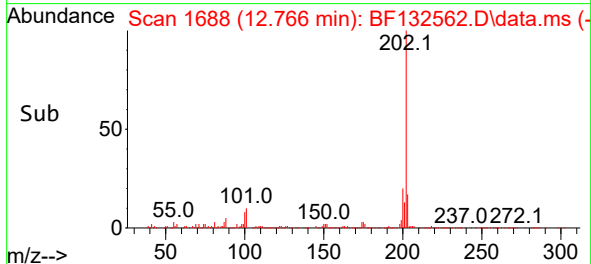
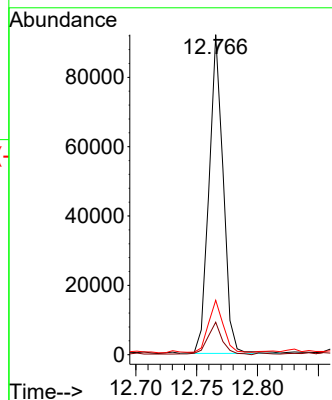
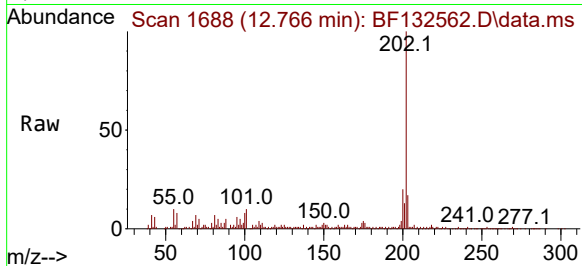




#75
Fluoranthene
Concen: 2.984 ng
RT: 12.766 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

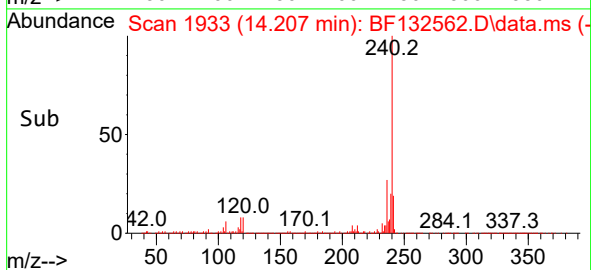
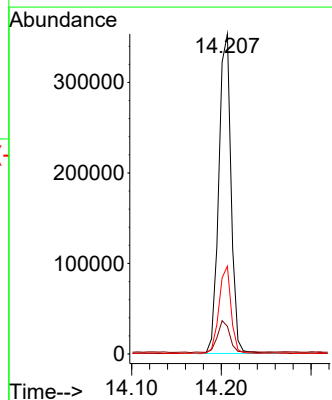
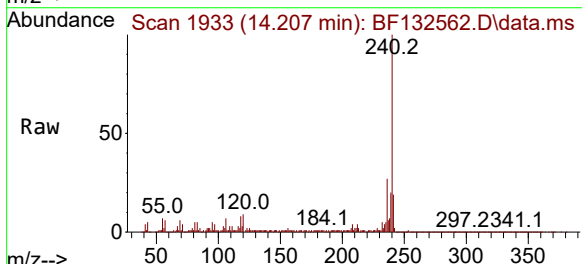
Instrument :
BNA_F
ClientSampleId :
MW-1R

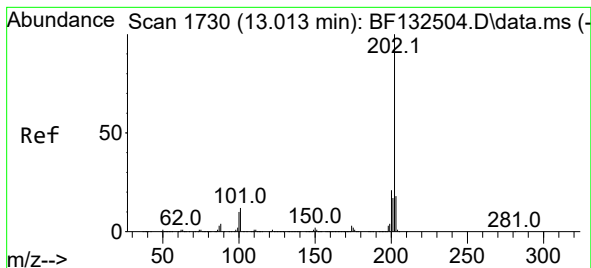
Tgt Ion:202 Resp: 74459
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.4
203 17.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132562.D
Acq: 27 Feb 2023 20:20

Tgt Ion:240 Resp: 335473
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 27.5 21.8 32.6





#78

Pyrene

Concen: 2.245 ng

RT: 12.995 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

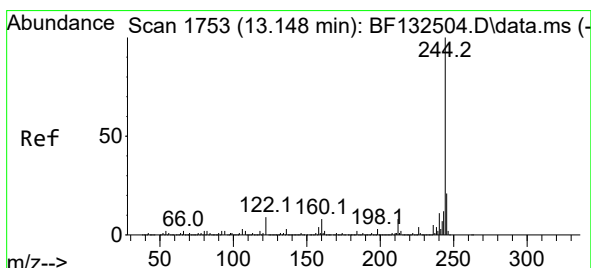
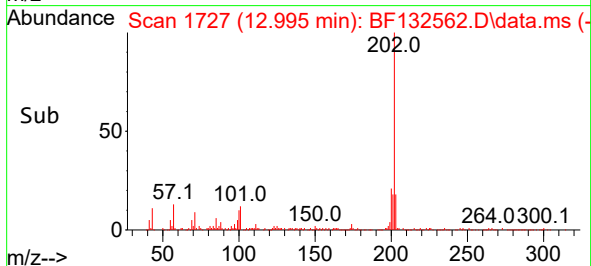
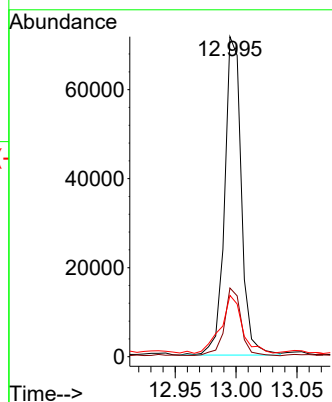
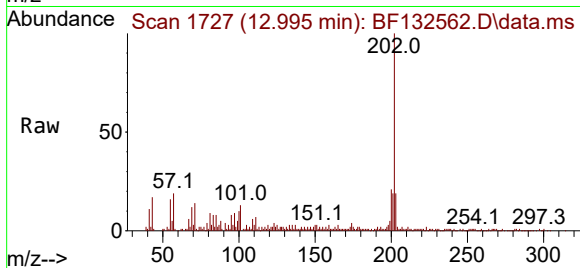
Tgt Ion:202 Resp: 68483

Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 19.2 14.6 21.8



#79

Terphenyl-d14

Concen: 69.701 ng

RT: 13.136 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

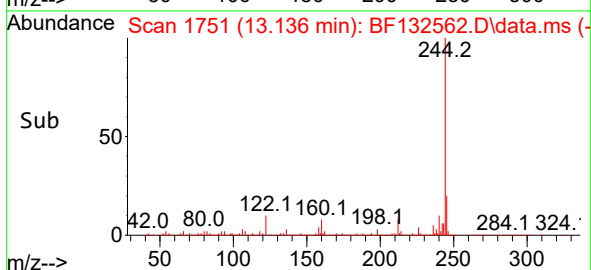
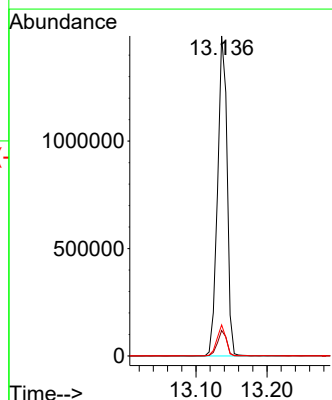
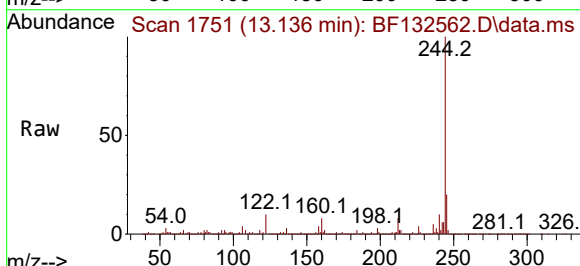
Tgt Ion:244 Resp: 1382980

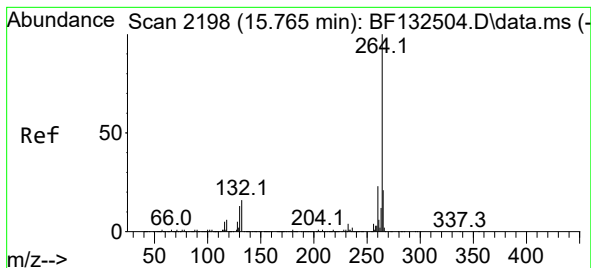
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.7 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

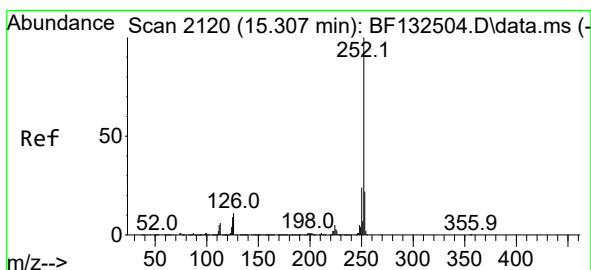
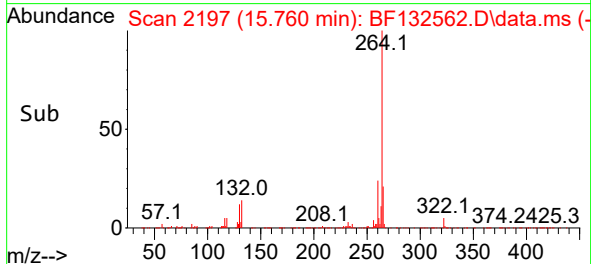
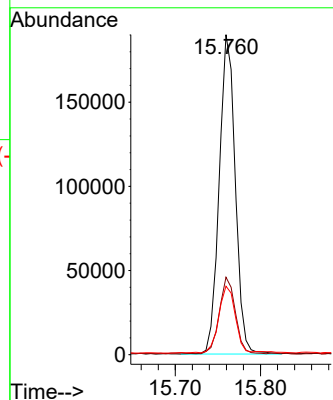
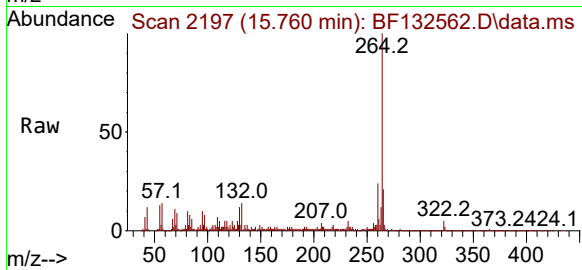
Tgt Ion:264 Resp: 248764

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.4 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 3.496 ng

RT: 15.295 min Scan# 2118

Delta R.T. 0.000 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

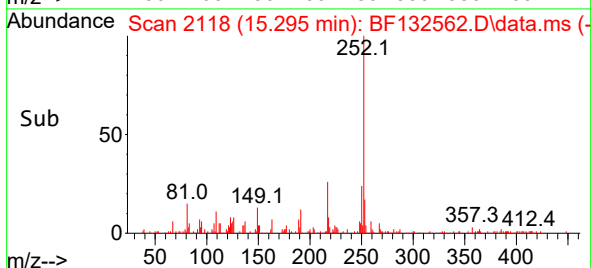
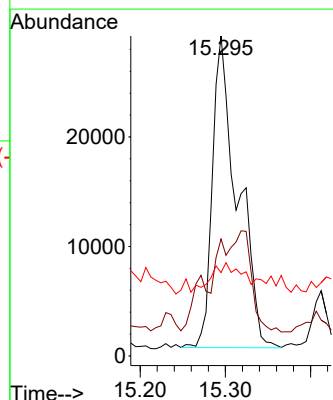
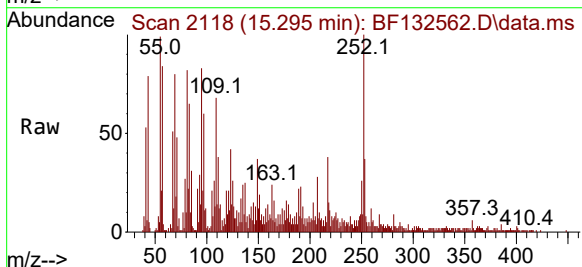
Tgt Ion:252 Resp: 58283

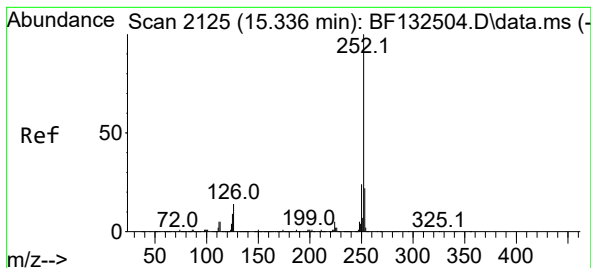
Ion Ratio Lower Upper

252 100

253 36.6 17.4 26.0#

125 26.1 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 3.572 ng

RT: 15.295 min Scan# 2118

Delta R.T. -0.029 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Instrument :

BNA_F

ClientSampleId :

MW-1R

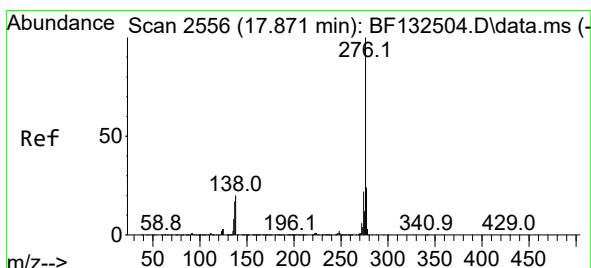
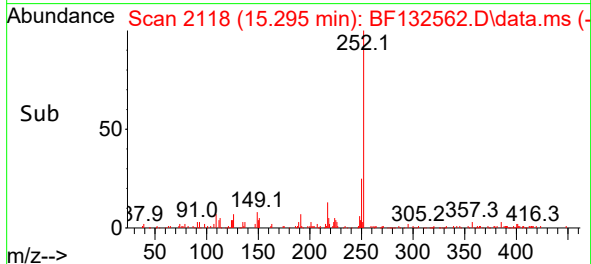
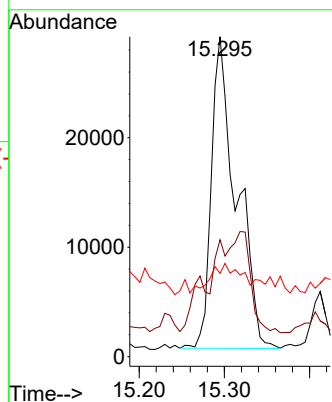
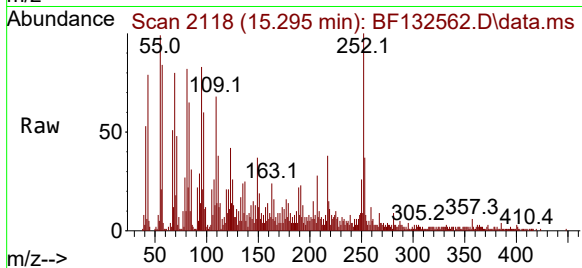
Tgt Ion:252 Resp: 58283

Ion Ratio Lower Upper

252 100

253 36.6 17.5 26.3#

125 26.1 7.2 10.8#



#92

Benzo(g,h,i)perylene

Concen: 2.559 ng

RT: 17.842 min Scan# 2551

Delta R.T. -0.012 min

Lab File: BF132562.D

Acq: 27 Feb 2023 20:20

Tgt Ion:276 Resp: 14672

Ion Ratio Lower Upper

276 100

277 31.1 18.9 28.3#

138 29.9 16.2 24.4#

