

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132769.D
 Acq On : 13 Mar 2023 19:56
 Operator : CG\JU
 Sample : 01863-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030923-1

Quant Time: Mar 14 01:33:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

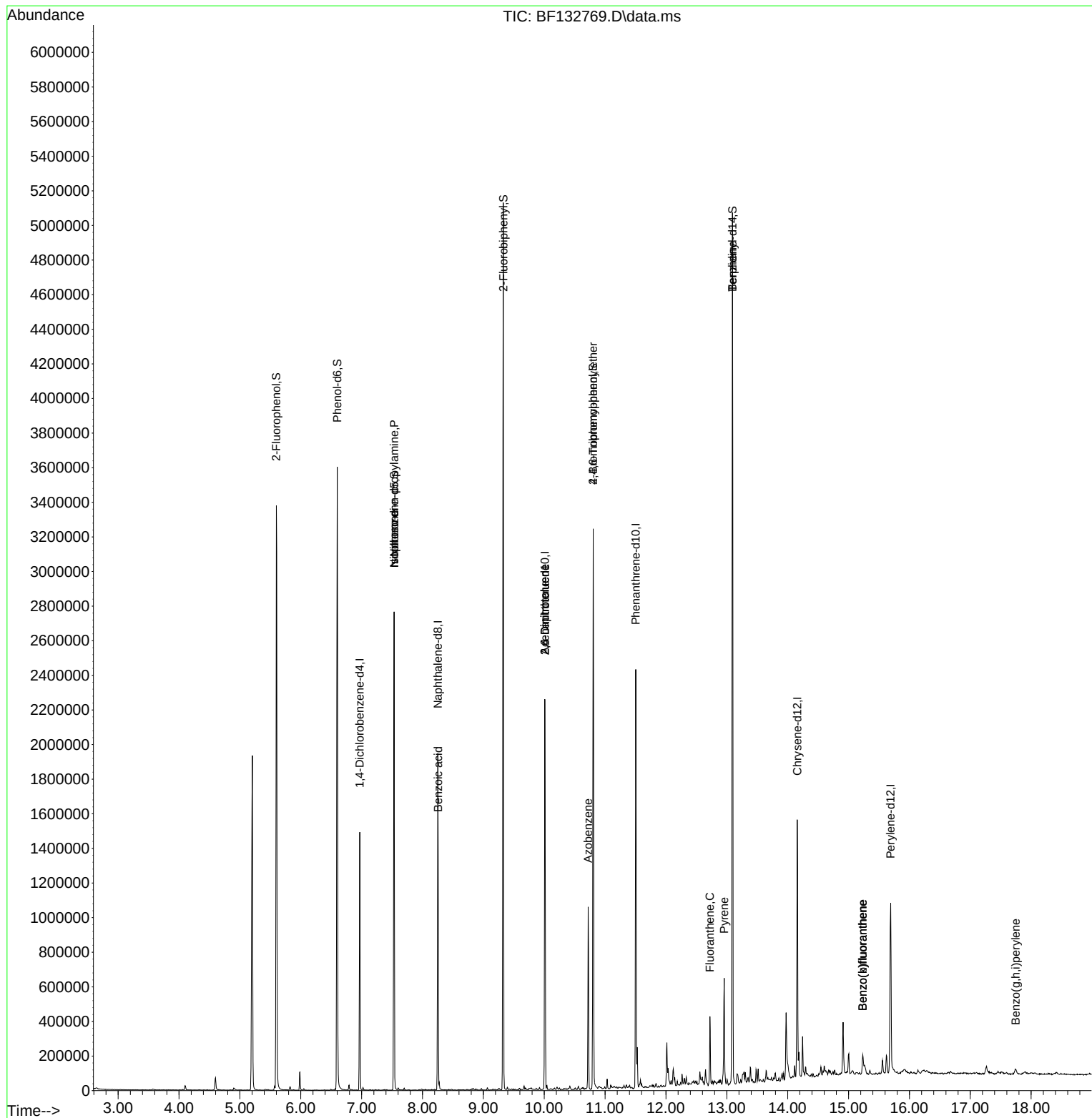
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	204250	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	793584	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	442708	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	878322	20.000	ng	0.00
76) Chrysene-d12	14.157	240	479125	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	467329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1039819	82.624	ng	0.00
7) Phenol-d6	6.598	99	1334534	81.253	ng	-0.01
23) Nitrobenzene-d5	7.533	82	846729	50.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	403192	84.331	ng	-0.01
45) 2-Fluorobiphenyl	9.327	172	1479009	50.869	ng	0.00
79) Terphenyl-d14	13.092	244	1822386	64.309	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.533	70	110185	10.901	ng	# 73
25) Isophorone	7.533	82	846717	26.403	ng	# 67
32) Benzoic acid	8.257	122	262	3.861	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	57820	7.876	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	57820	5.920	ng	# 21
63) Azobenzene	10.721	77	178816	5.363	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	26021	2.619	ng	# 1
75) Fluoranthene	12.721	202	143038	2.876	ng	97
77) Benzidine	13.092	184	24955	2.140	ng	# 92
78) Pyrene	12.957	202	242844	5.575	ng	99
88) Benzo(b)fluoranthene	15.233	252	80779	2.579	ng	# 94
89) Benzo(k)fluoranthene	15.233	252	80779	2.635	ng	# 94
92) Benzo(g,h,i)perylene	17.745	276	27613	2.561	ng	# 95

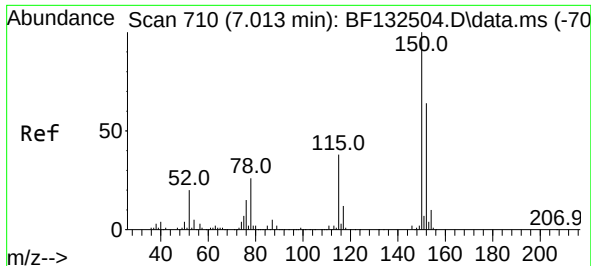
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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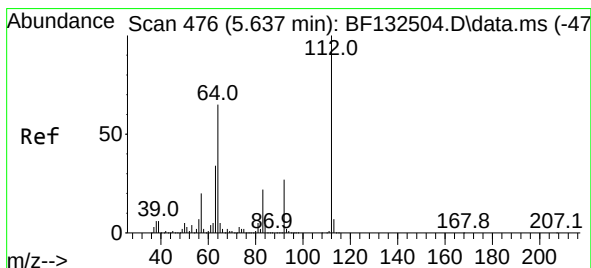
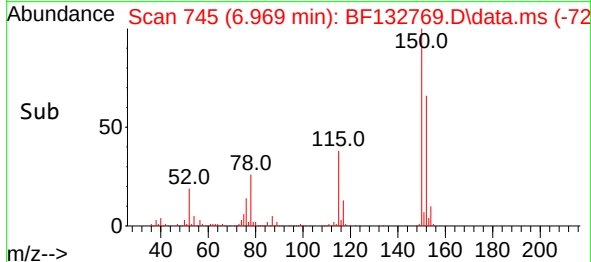
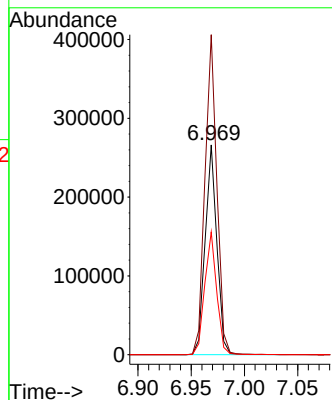
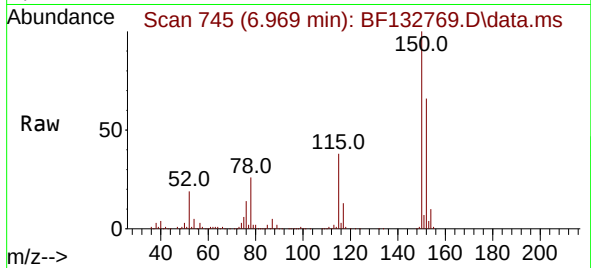




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132769.D
 Acq: 13 Mar 2023 19:56

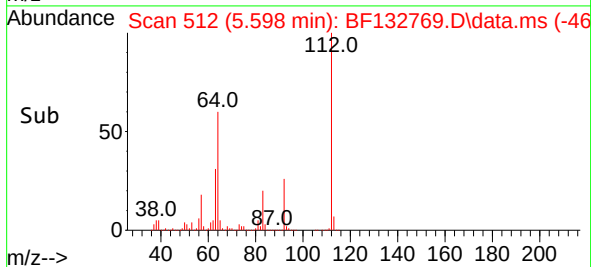
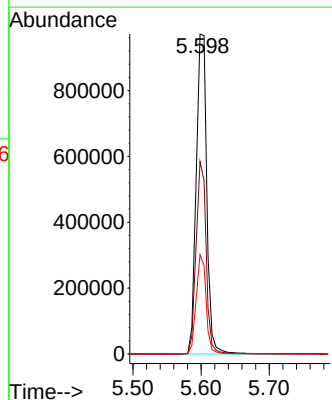
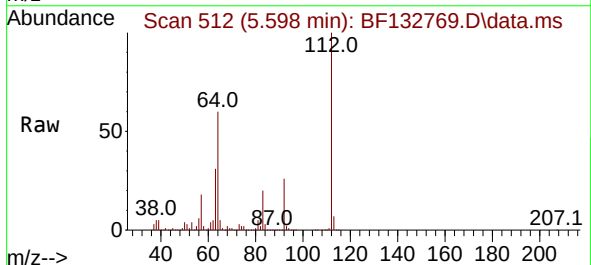
Instrument :
 BNA_F
 ClientSampleId :
 030923-1

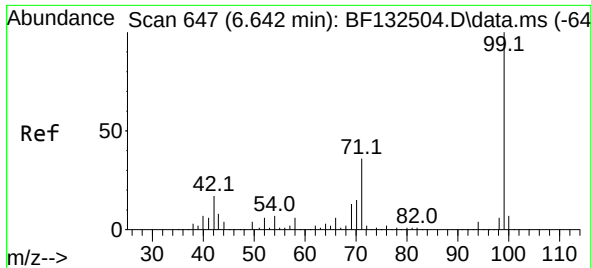
Tgt Ion:152 Resp: 204250
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.4 188.2
 115 58.5 47.8 71.6



#5
 2-Fluorophenol
 Concen: 82.624 ng
 RT: 5.598 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF132769.D
 Acq: 13 Mar 2023 19:56

Tgt Ion:112 Resp: 1039819
 Ion Ratio Lower Upper
 112 100
 64 60.1 51.6 77.4
 63 31.0 27.4 41.2

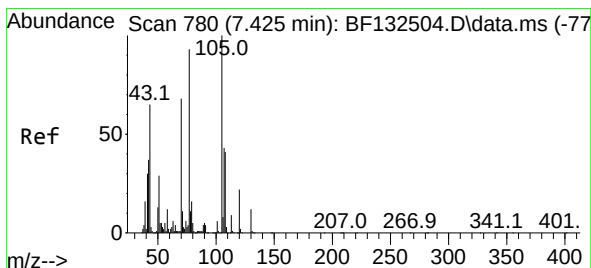
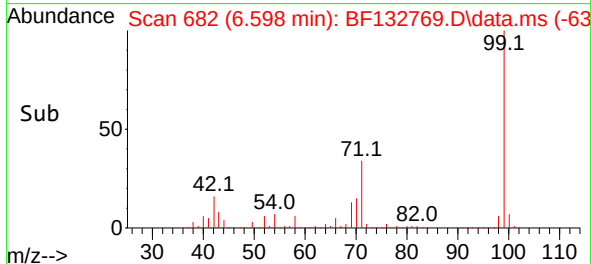
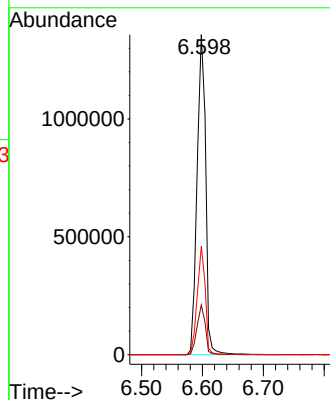
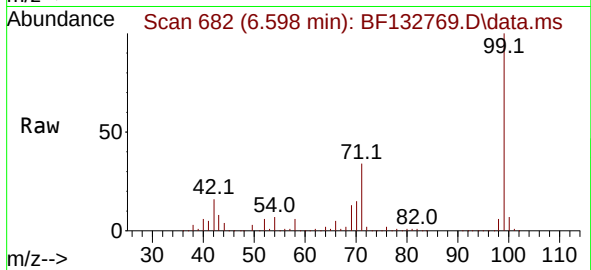




#7
Phenol-d6
Concen: 81.253 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

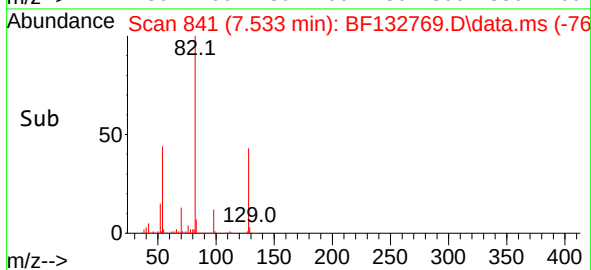
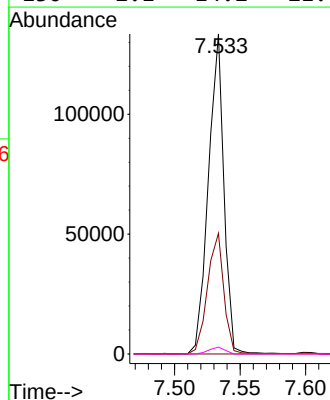
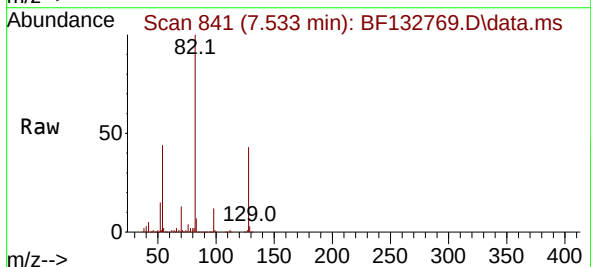
Instrument :
BNA_F
ClientSampleId :
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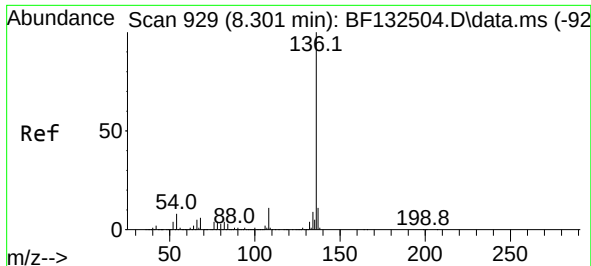
Tgt Ion: 99 Resp: 1334534
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 33.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.901 ng
RT: 7.533 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion: 70 Resp: 110185
Ion Ratio Lower Upper
70 100
42 37.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



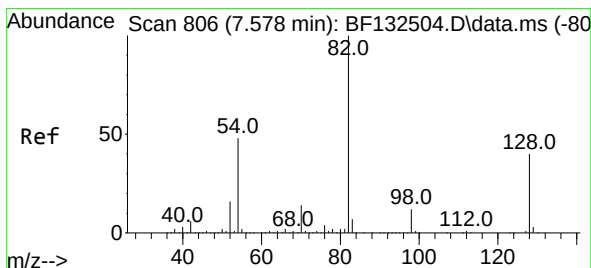
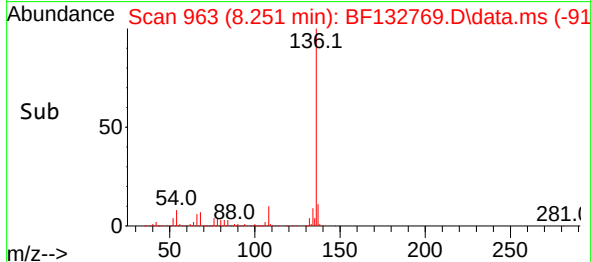
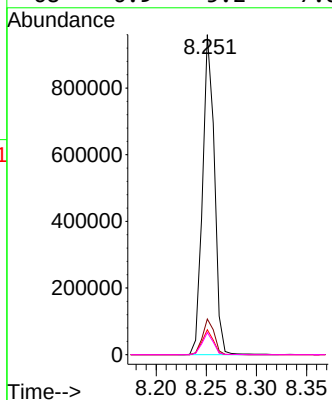
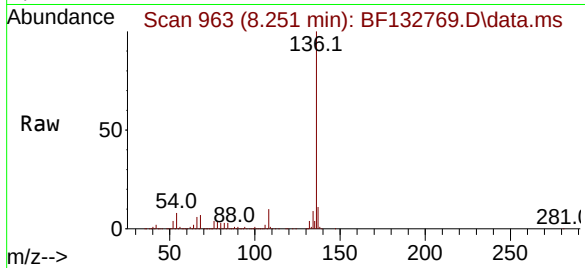


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Instrument :
BNA_F
ClientSampleId :
030923-1

Tgt Ion:136 Resp: 793584

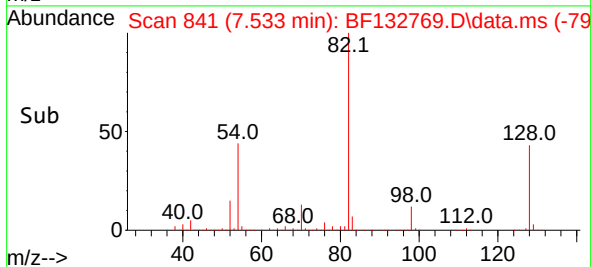
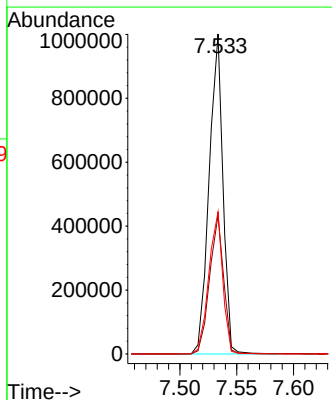
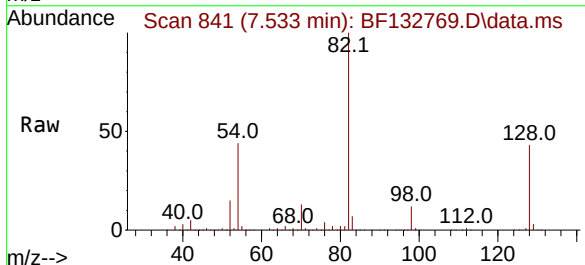
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.2	9.4
68	6.9	5.2	7.8

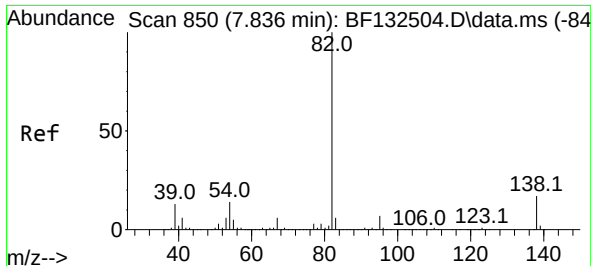


#23
Nitrobenzene-d5
Concen: 50.622 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion: 82 Resp: 846729

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.2	48.2
54	44.4	38.4	57.6

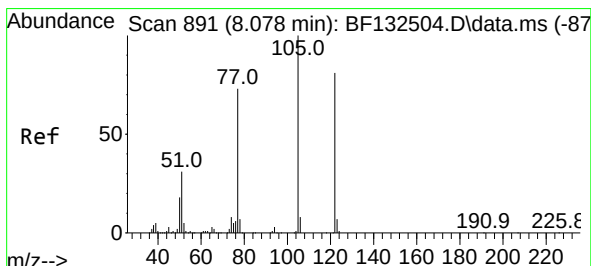
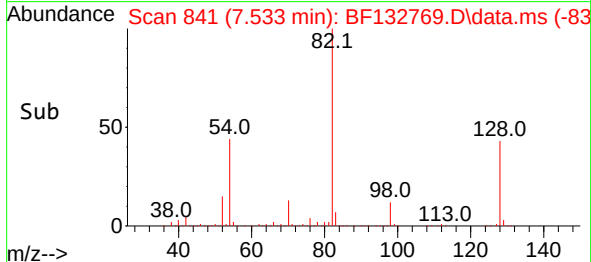
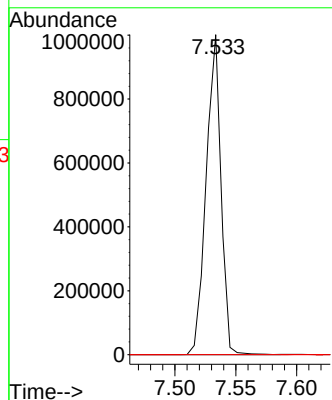
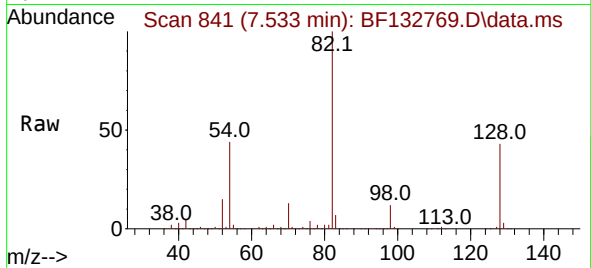




#25
Isophorone
Concen: 26.403 ng
RT: 7.533 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

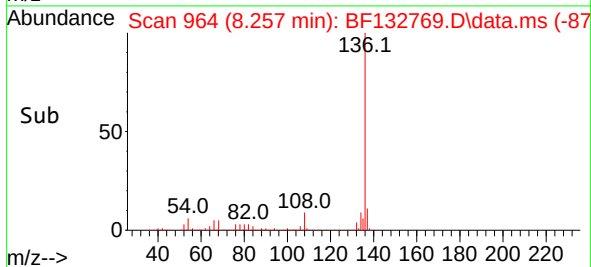
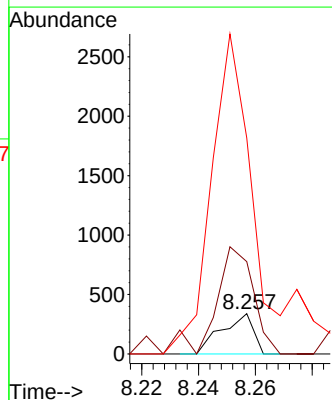
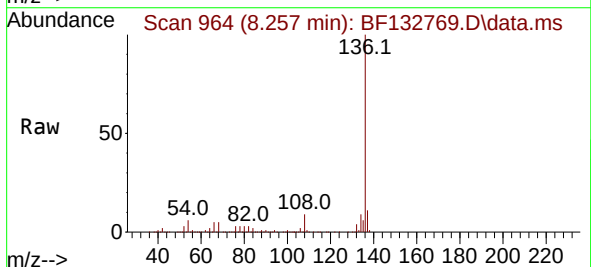
Instrument :
BNA_F
ClientSampleId :
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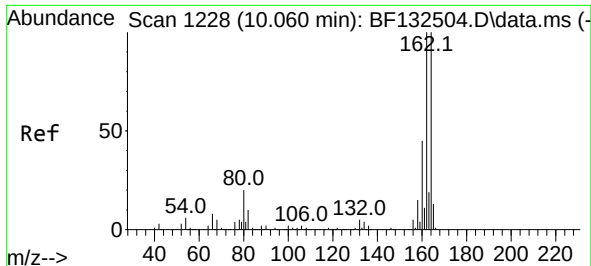
Tgt Ion: 82 Resp: 846717
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 8.257 min Scan# 964
Delta R.T. 0.218 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion: 122 Resp: 262
Ion Ratio Lower Upper
122 100
105 228.9 102.6 142.6#
77 536.0 70.2 110.2#

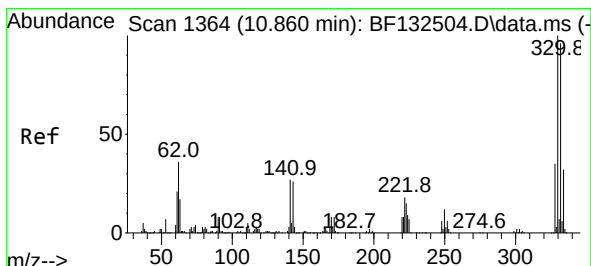
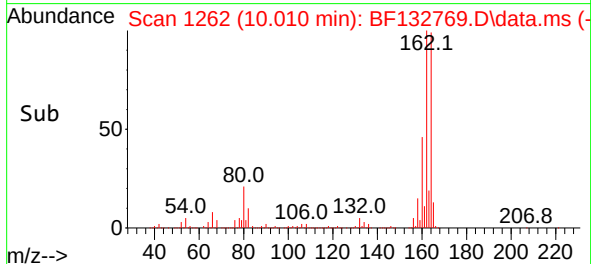
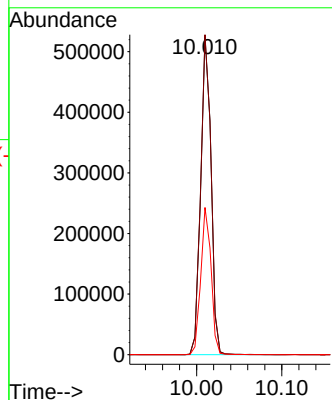
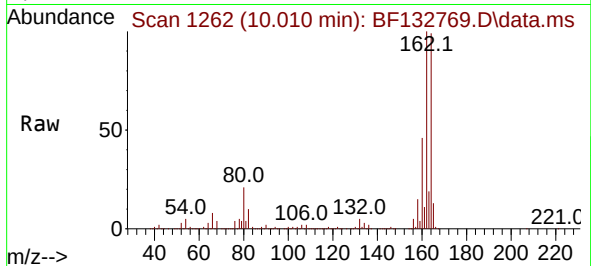




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

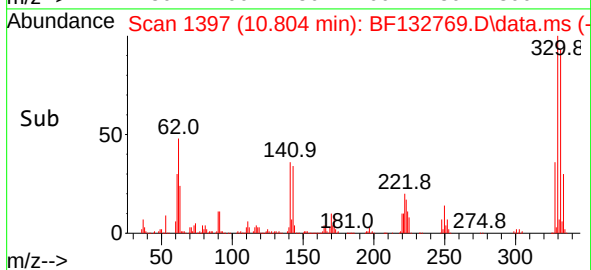
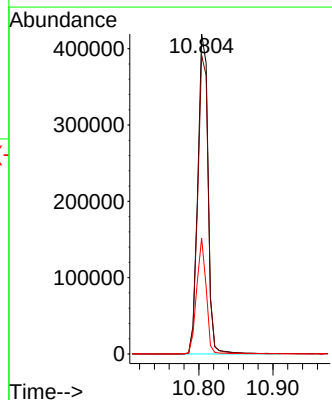
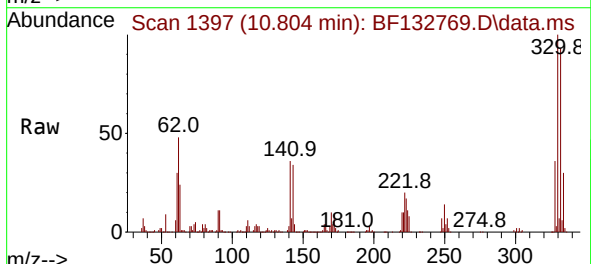
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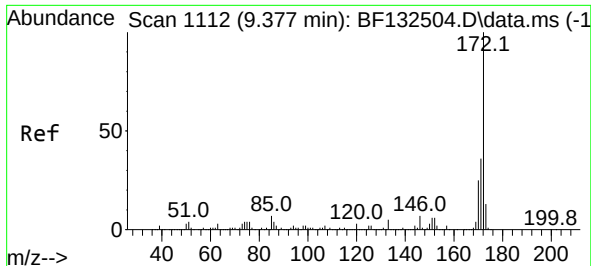
Tgt Ion:164 Resp: 442708
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 46.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 84.331 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:330 Resp: 403192
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 33.7 28.4 42.6

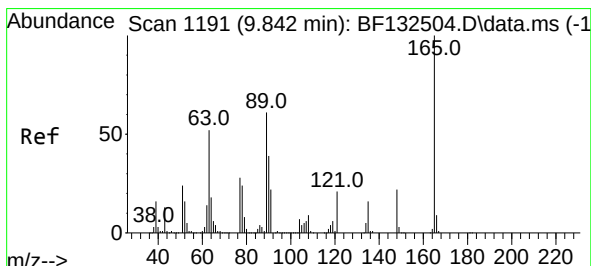
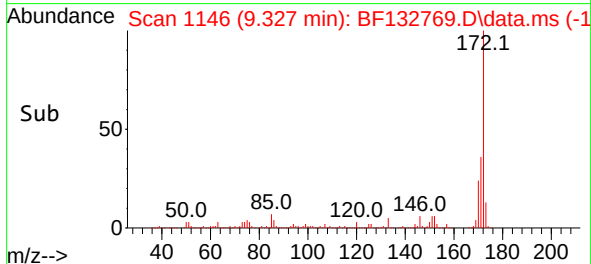
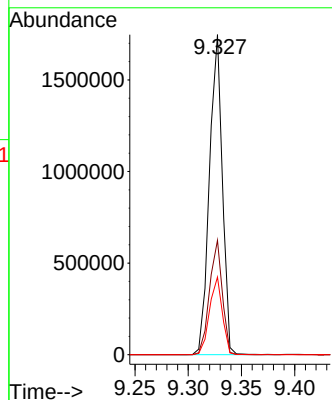
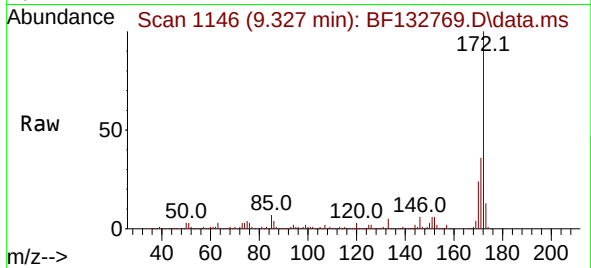




#45
2-Fluorobiphenyl
Concen: 50.869 ng
RT: 9.327 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

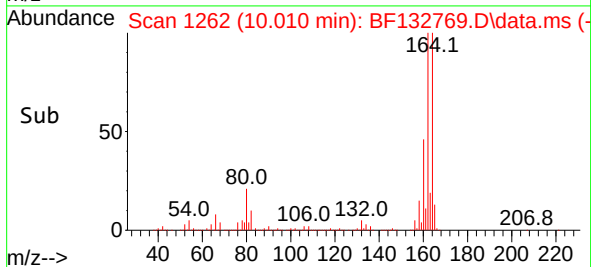
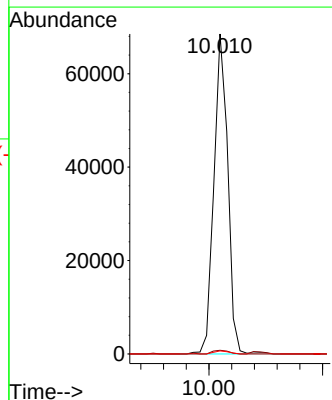
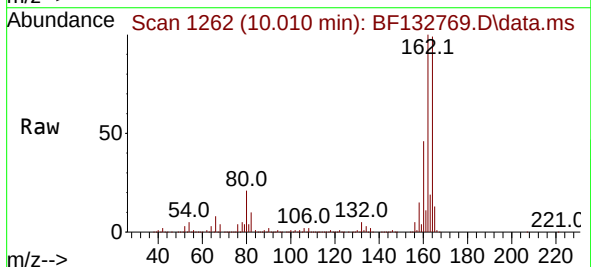
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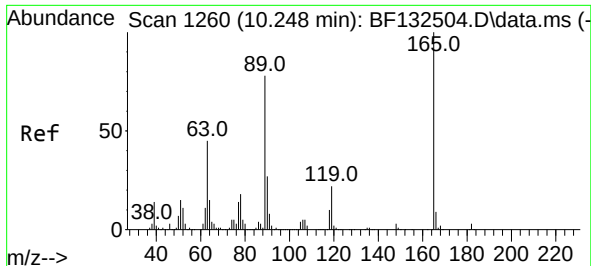
Tgt Ion:172 Resp: 1479009
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.876 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:165 Resp: 57820
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 0.9 48.9 73.3#

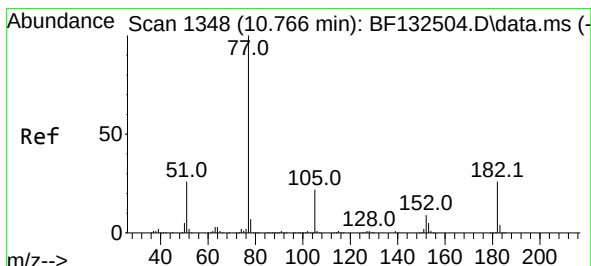
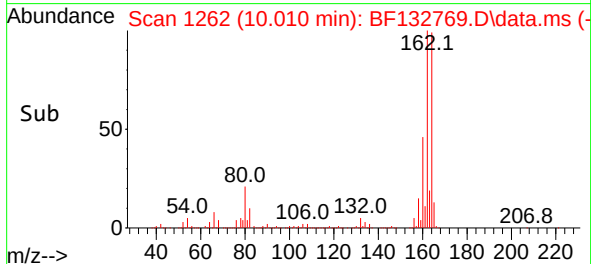
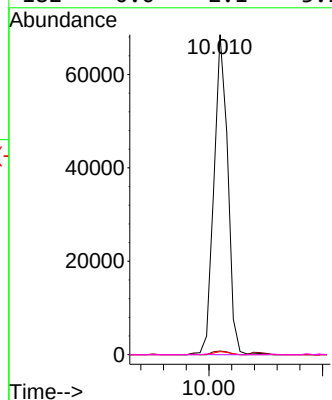
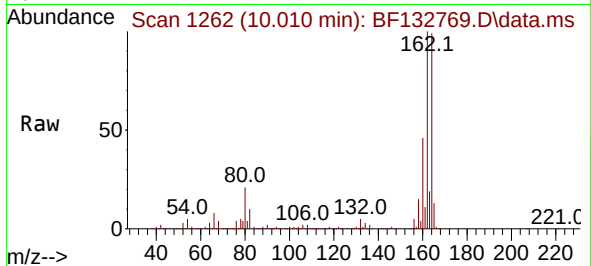




#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

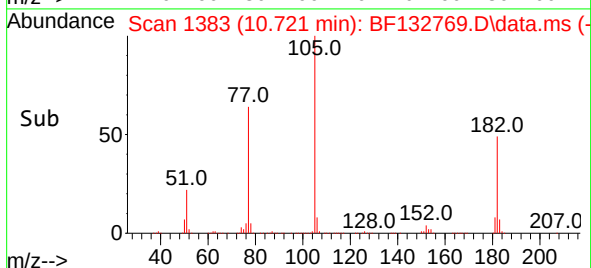
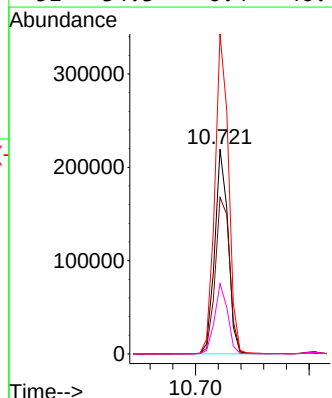
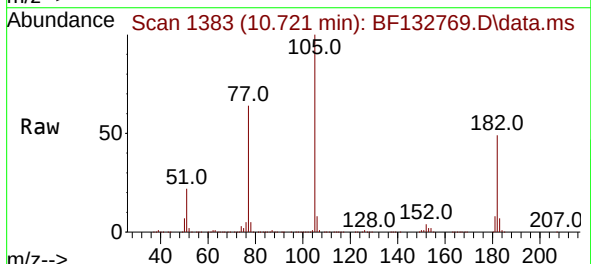
Instrument :
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ClientSampleId :
030923-1

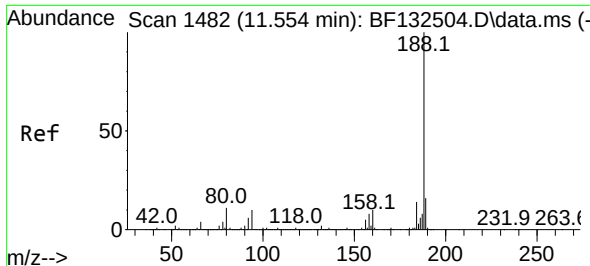
Tgt Ion:165 Resp: 57820
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 0.9 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 5.363 ng
RT: 10.721 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion: 77 Resp: 178816
Ion Ratio Lower Upper
77 100
182 76.5 5.5 45.5#
105 156.3 1.8 41.8#
51 34.3 6.4 46.4

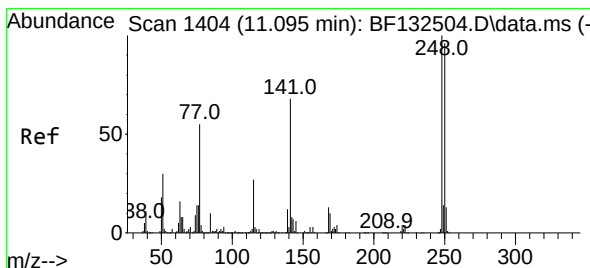
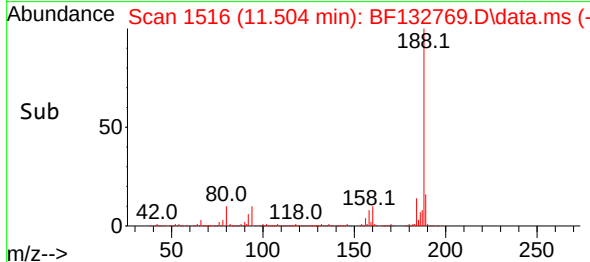
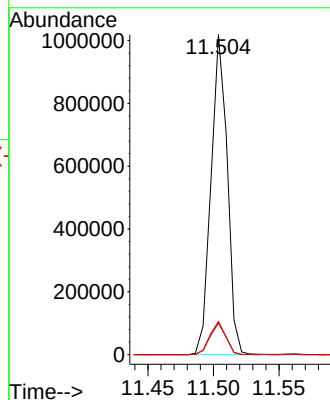
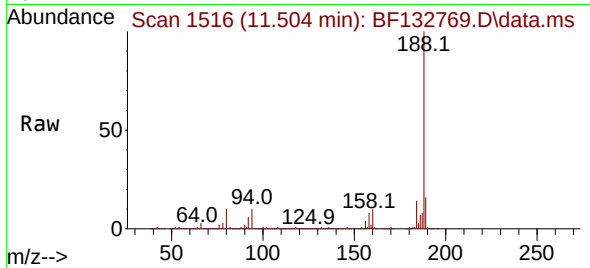




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

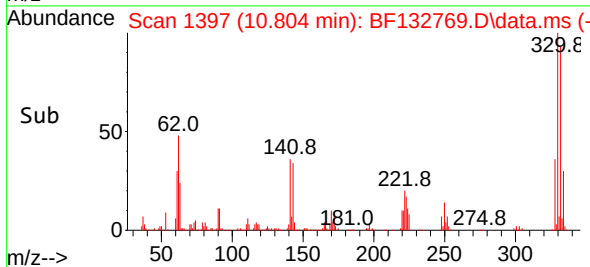
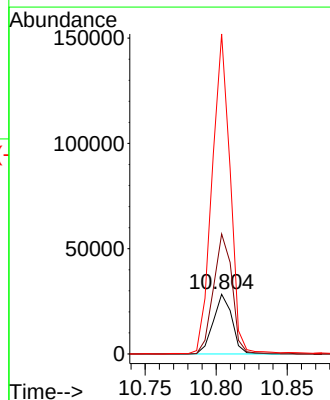
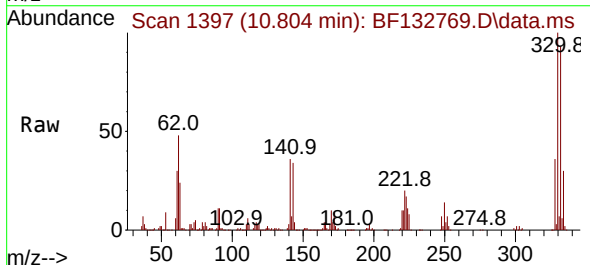
Instrument :
BNA_F
ClientSampleId :
030923-1

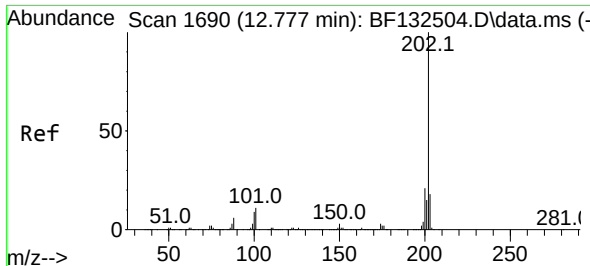
Tgt Ion:188 Resp: 878322
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.619 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.247 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:248 Resp: 26021
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.4#
141 535.5 54.2 81.2#

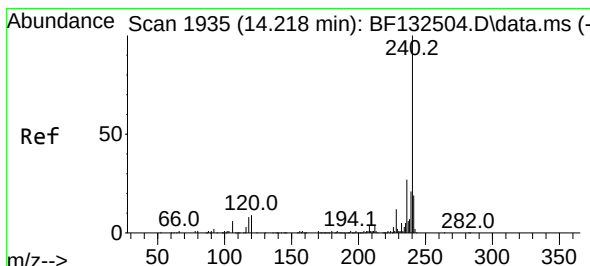
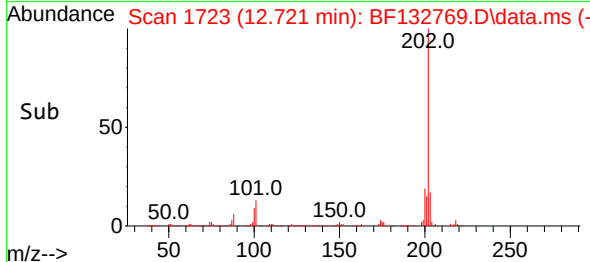
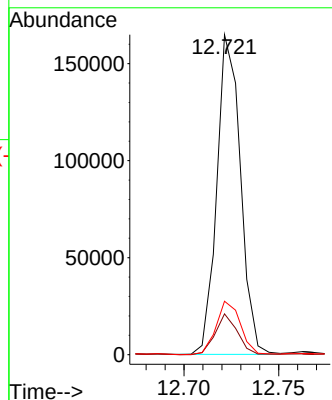
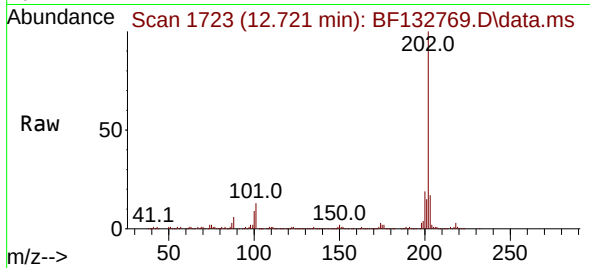




#75
Fluoranthene
Concen: 2.876 ng
RT: 12.721 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

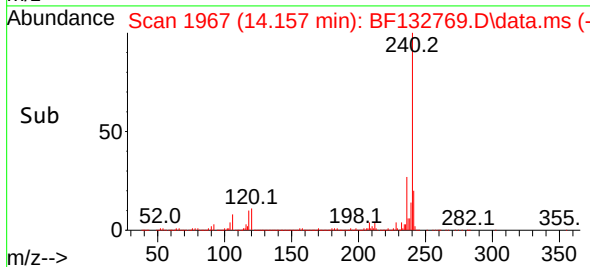
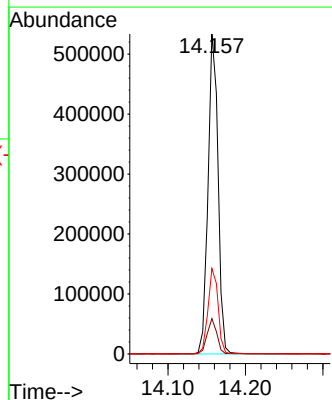
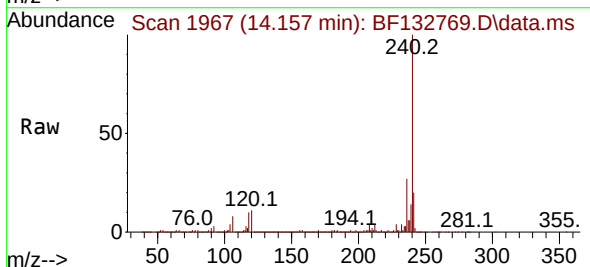
Instrument :
BNA_F
ClientSampleId :
030923-1

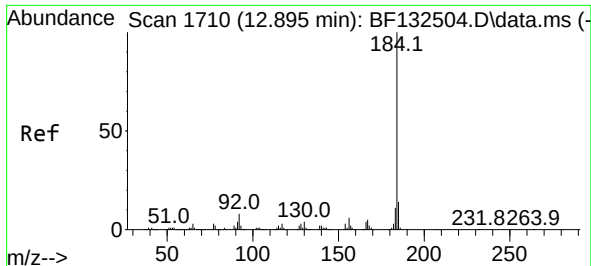
Tgt Ion:202 Resp: 143038
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 16.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:240 Resp: 479125
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.7 21.8 32.6

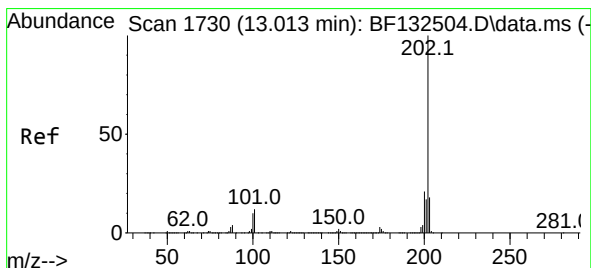
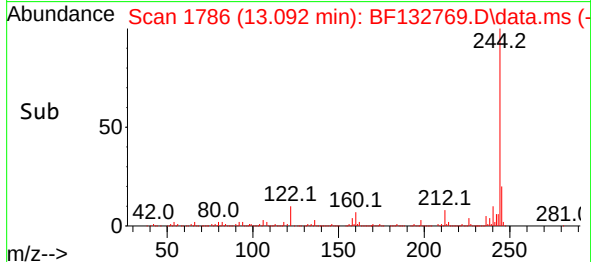
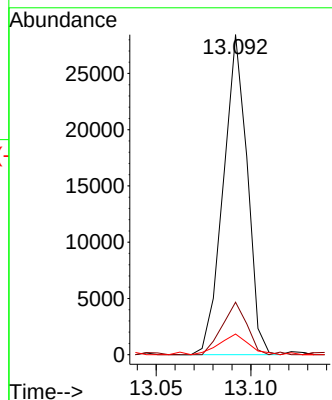
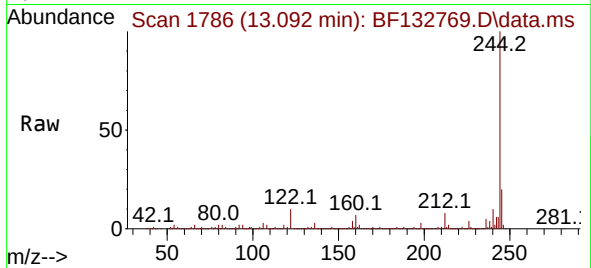




#77
Benzidine
Concen: 2.140 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.241 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

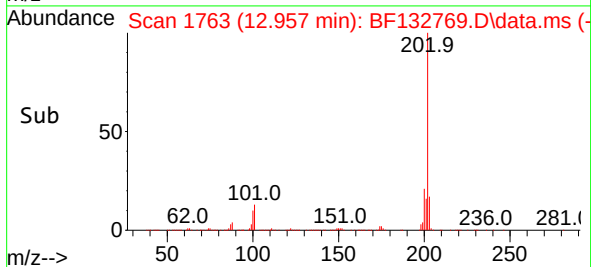
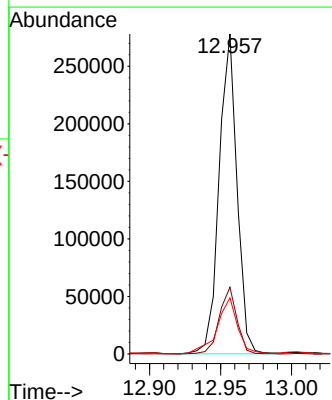
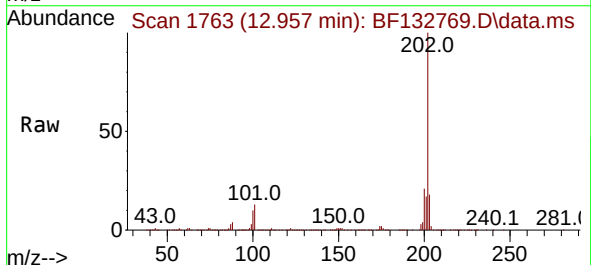
Instrument :
BNA_F
ClientSampleId :
030923-1

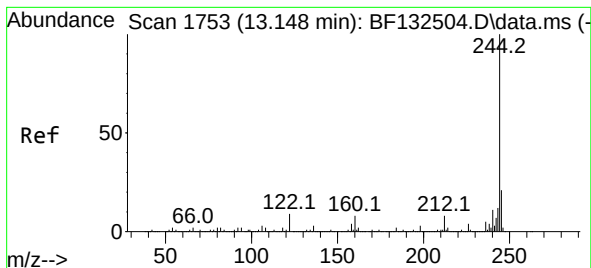
Tgt Ion:184 Resp: 24955
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 6.4 8.7 13.1#



#78
Pyrene
Concen: 5.575 ng
RT: 12.957 min Scan# 1763
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:202 Resp: 242844
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 64.309 ng

RT: 13.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132769.D

Acq: 13 Mar 2023 19:56

Instrument :

BNA_F

ClientSampleId :

030923-1

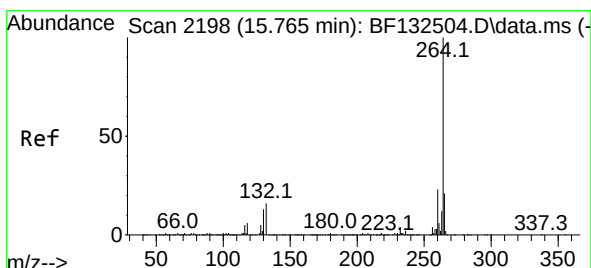
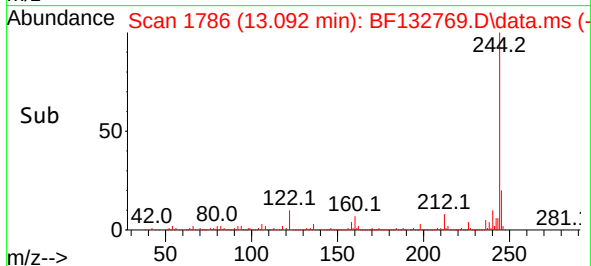
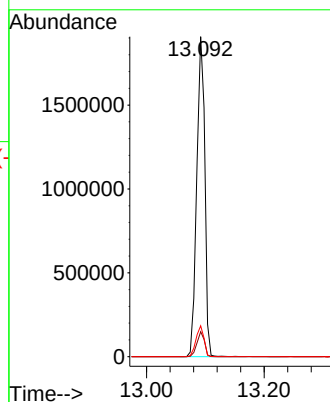
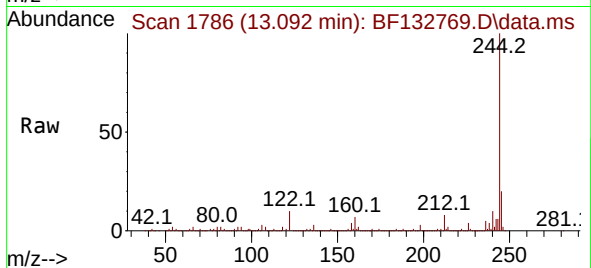
Tgt Ion:244 Resp: 1822386

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.6 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF132769.D

Acq: 13 Mar 2023 19:56

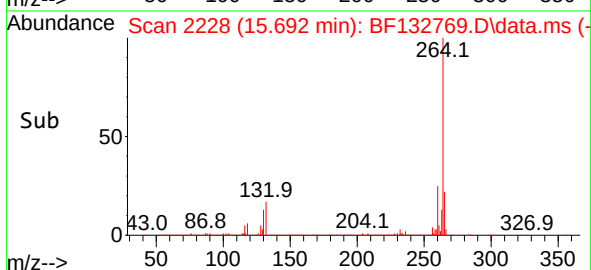
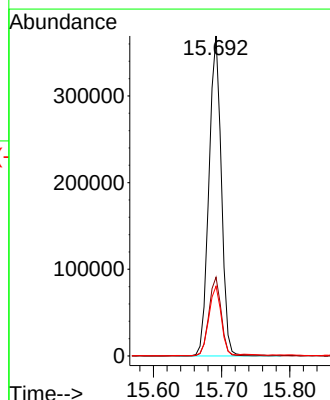
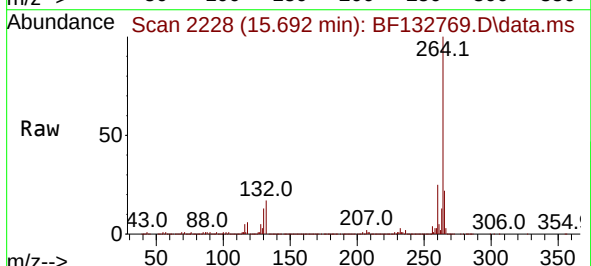
Tgt Ion:264 Resp: 467329

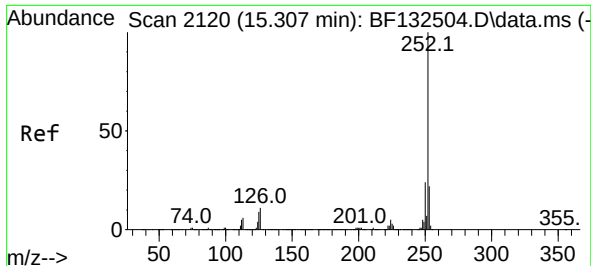
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.8 17.1 25.7

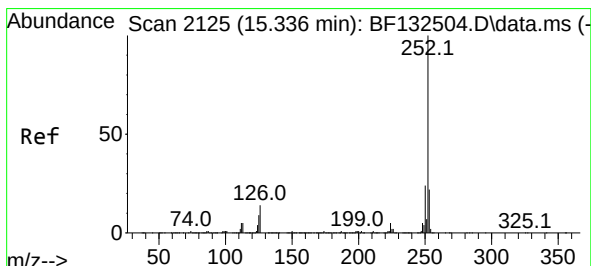
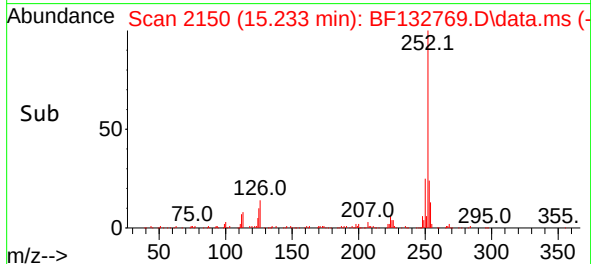
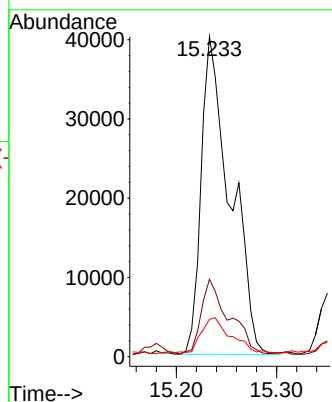
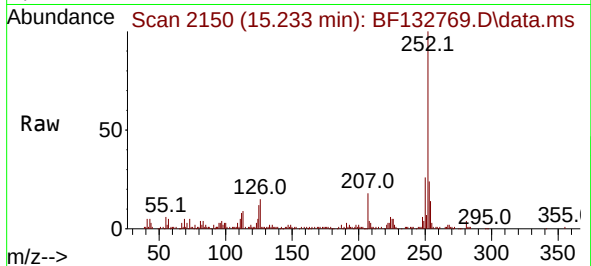




#88
Benzo(b)fluoranthene
Concen: 2.579 ng
RT: 15.233 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

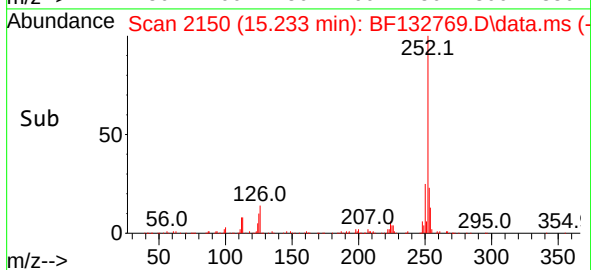
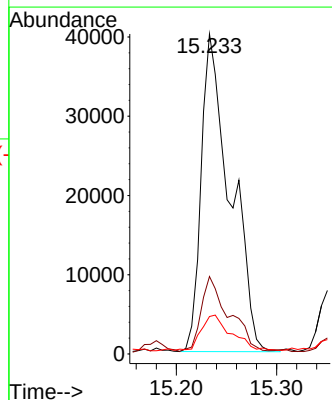
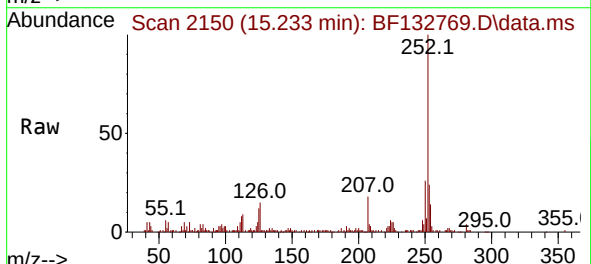
Instrument :
BNA_F
ClientSampleId :
030923-1

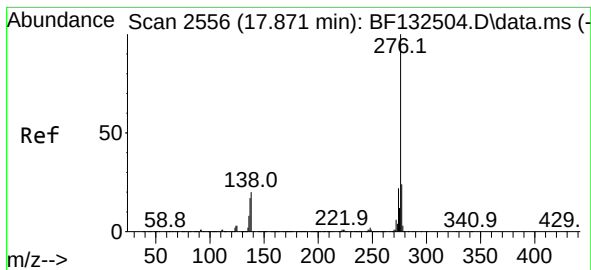
Tgt Ion:252 Resp: 80779
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 11.7 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 2.635 ng
RT: 15.233 min Scan# 2150
Delta R.T. -0.041 min
Lab File: BF132769.D
Acq: 13 Mar 2023 19:56

Tgt Ion:252 Resp: 80779
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 11.7 7.2 10.8#





#92

Benzo(g,h,i)perylene

Concen: 2.561 ng

RT: 17.745 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF132769.D

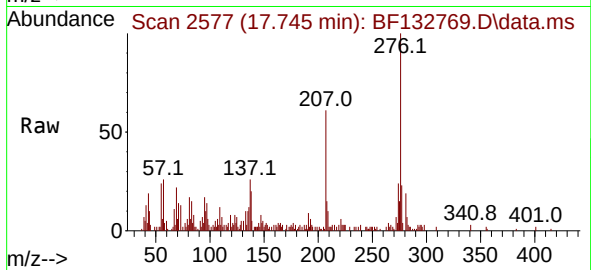
Acq: 13 Mar 2023 19:56

Instrument :

BNA_F

ClientSampleId :

030923-1



Tgt Ion:276 Resp: 27613

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 25.5 16.2 24.4#

