

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130048.D
 Acq On : 29 Aug 2022 22:48
 Operator : CG\JU
 Sample : N4277-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Aug 30 01:34:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

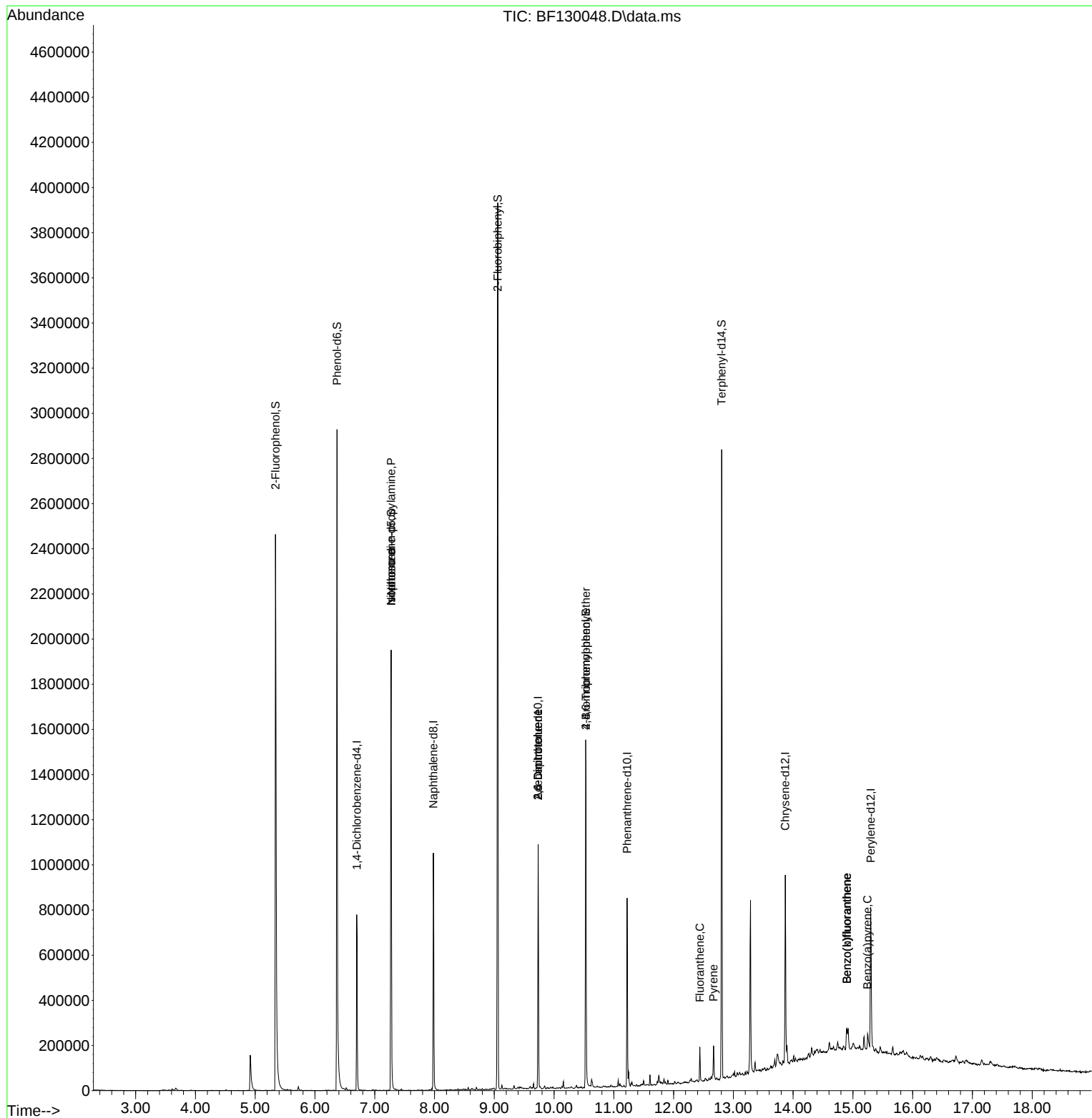
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	112545	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	432533	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	197678	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	271982	20.000	ng	0.00
76) Chrysene-d12	13.869	240	251691	20.000	ng	0.00
86) Perylene-d12	15.298	264	271103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	755151	111.094	ng	0.00
7) Phenol-d6	6.369	99	904995	106.316	ng	0.00
23) Nitrobenzene-d5	7.275	82	588859	72.879	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	179943	90.697	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1016010	78.062	ng	0.00
79) Terphenyl-d14	12.804	244	825221	54.556	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	54	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.275	70	79065	14.695	ng	# 78
25) Isophorone	7.275	82	588859	42.343	ng	# 65
51) 2,6-Dinitrotoluene	9.733	165	25247	8.213	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	25247	6.327	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	11496	3.609	ng	# 1
75) Fluoranthene	12.439	202	51064	3.285	ng	99
77) Benzidine	12.804	184	12696	Below Cal	#	89
78) Pyrene	12.669	202	52242	2.389	ng	98
88) Benzo(b)fluoranthene	14.898	252	66100	3.561	ng	# 96
89) Benzo(k)fluoranthene	14.898	252	66100	3.713	ng	# 97
90) Benzo(a)pyrene	15.245	252	34870	2.385	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
Data File : BF130048.D
Acq On : 29 Aug 2022 22:48
Operator : CG\JU
Sample : N4277-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2

Quant Time: Aug 30 01:34:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 30 01:22:56 2022
Response via : Initial Calibration

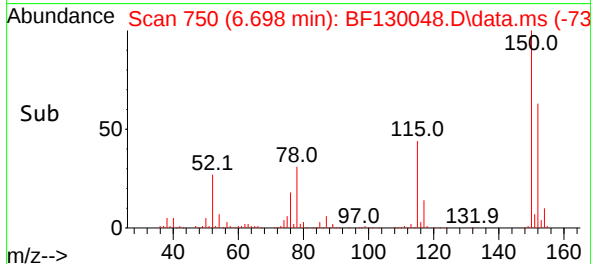
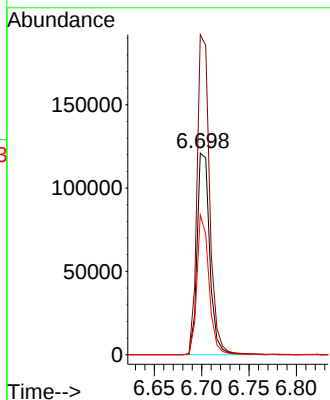
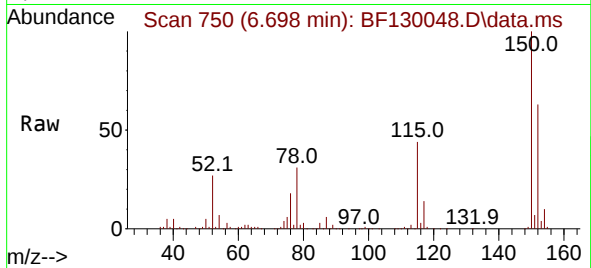




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

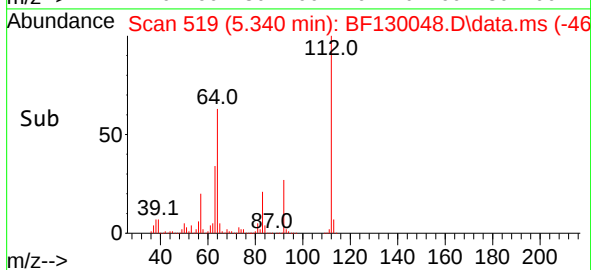
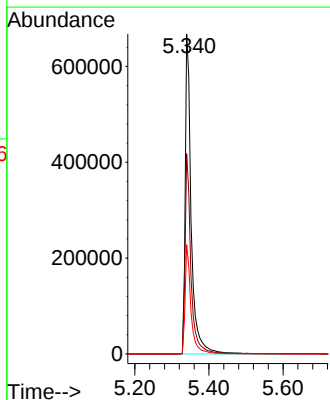
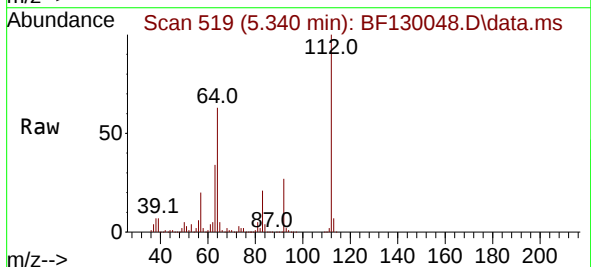
Instrument :
BNA_F
ClientSampleId :
B-2

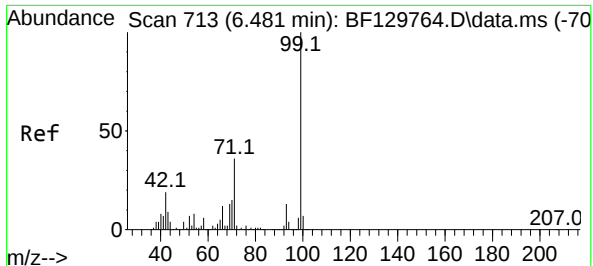
Tgt Ion:152 Resp: 112545
Ion Ratio Lower Upper
152 100
150 158.7 126.9 190.3
115 69.3 53.4 80.0



#5
2-Fluorophenol
Concen: 111.094 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:112 Resp: 755151
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 34.2 24.6 37.0

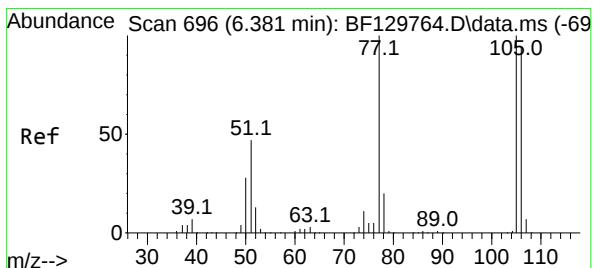
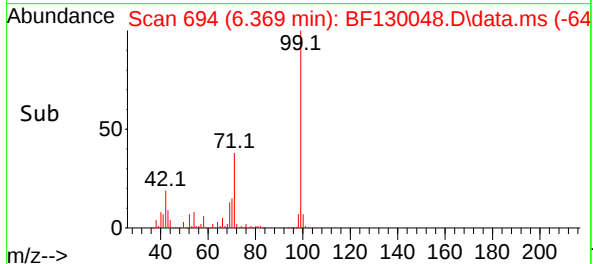
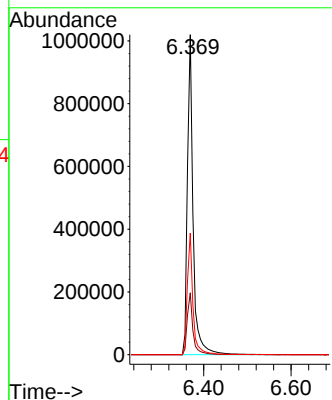
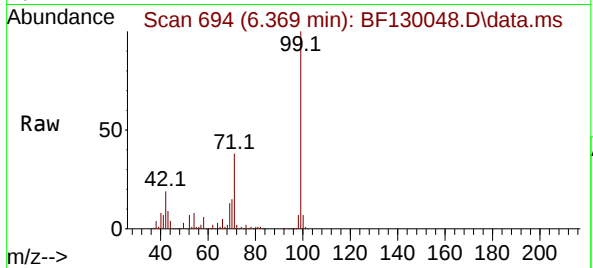




#7
Phenol-d6
Concen: 106.316 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

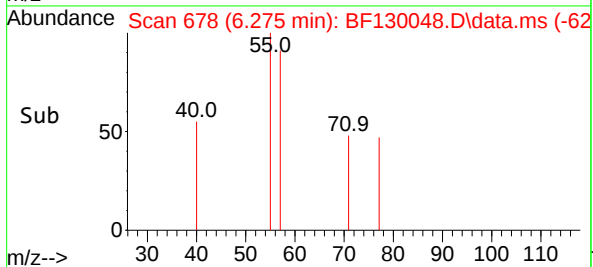
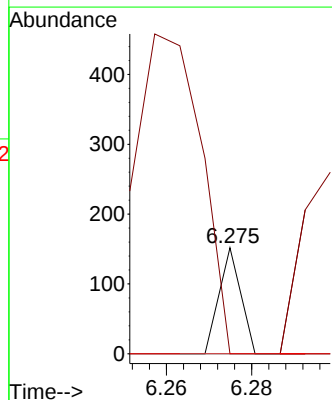
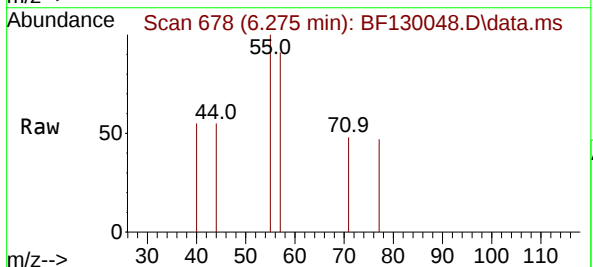
Instrument :
BNA_F
ClientSampleId :
B-2

Tgt Ion: 99 Resp: 904995
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 38.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.275 min Scan# 678
Delta R.T. 0.012 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

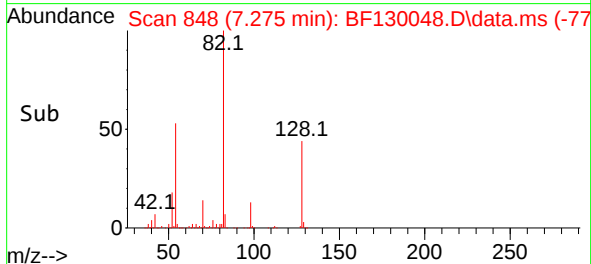
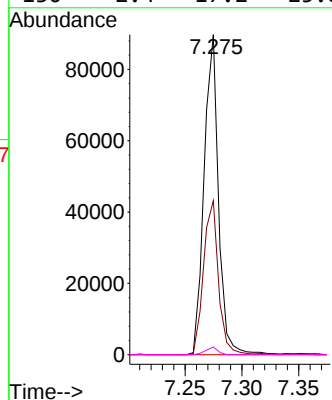
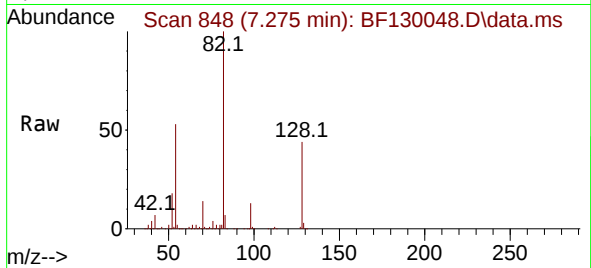




#19
n-Nitroso-di-n-propylamine
Concen: 14.695 ng
RT: 7.275 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

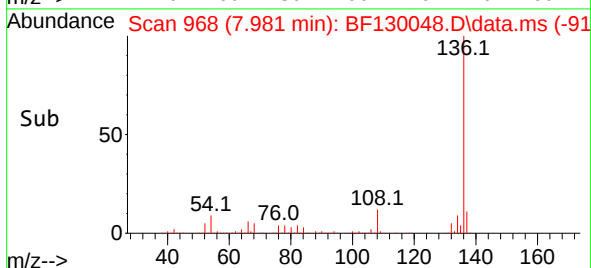
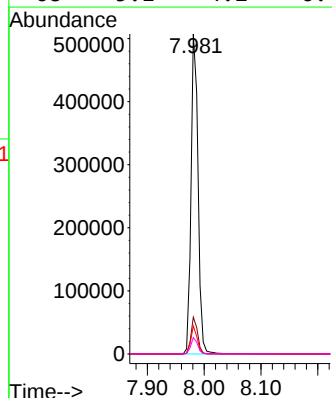
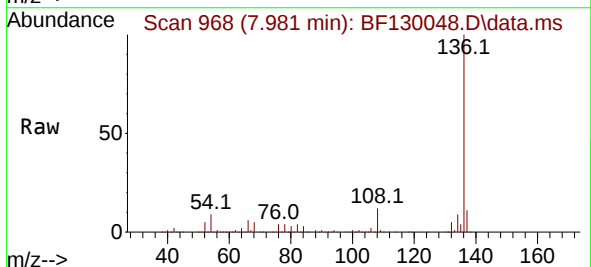
Instrument :
BNA_F
ClientSampleId :
B-2

Tgt Ion: 70 Resp: 79065
Ion Ratio Lower Upper
70 100
42 48.1 47.6 71.4
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:136 Resp: 432533
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.7 6.2 9.2
68 5.1 4.2 6.4

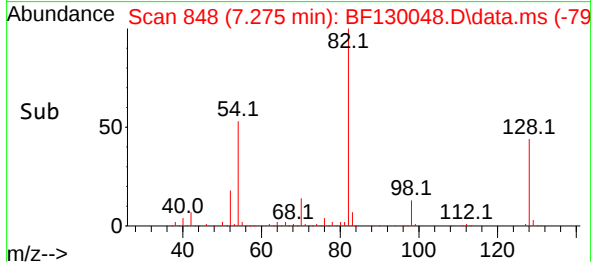
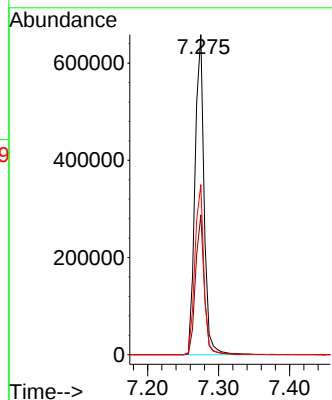
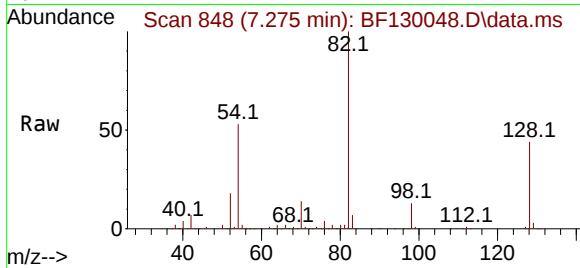




#23
Nitrobenzene-d5
Concen: 72.879 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

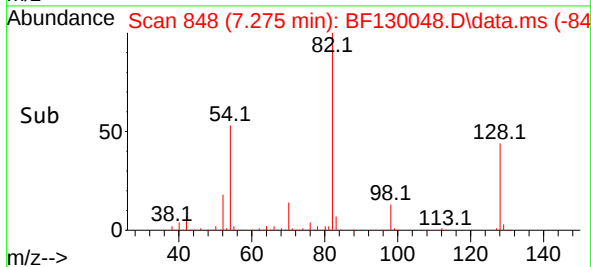
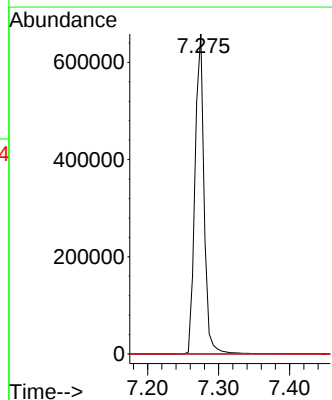
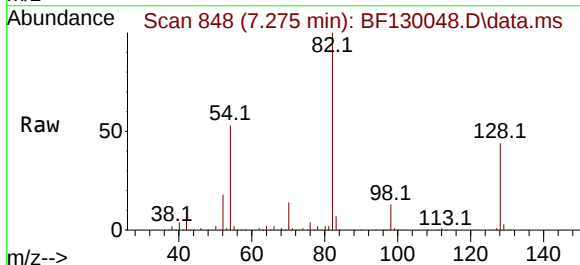
Instrument :
BNA_F
ClientSampleId :
B-2

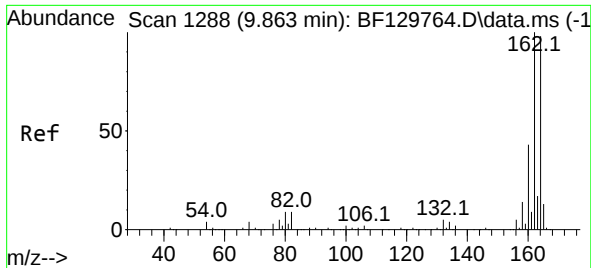
Tgt Ion: 82 Resp: 588859
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 53.2 40.0 60.0



#25
Isophorone
Concen: 42.343 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion: 82 Resp: 588859
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

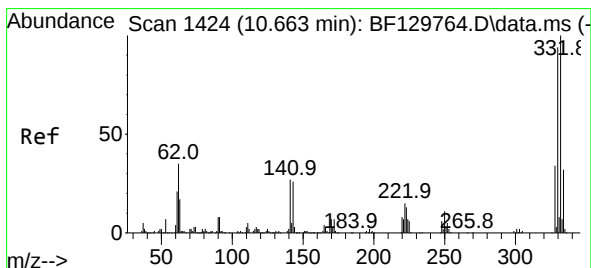
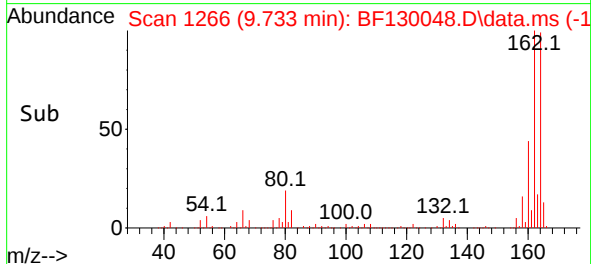
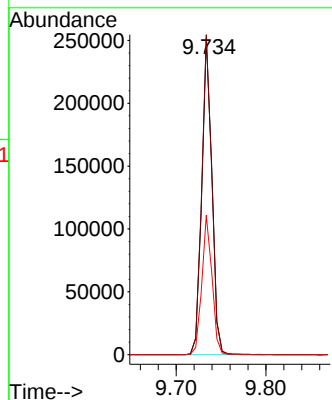
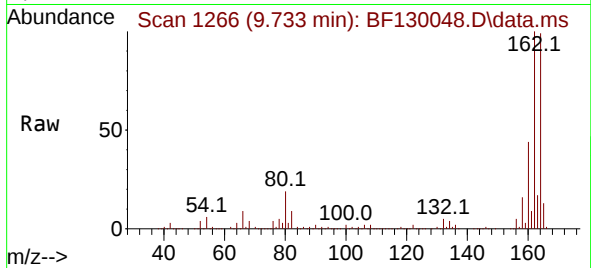




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

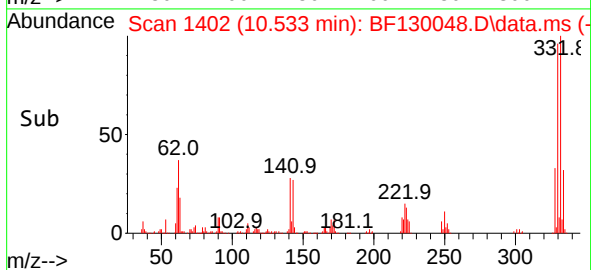
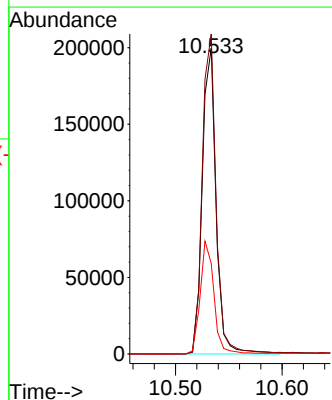
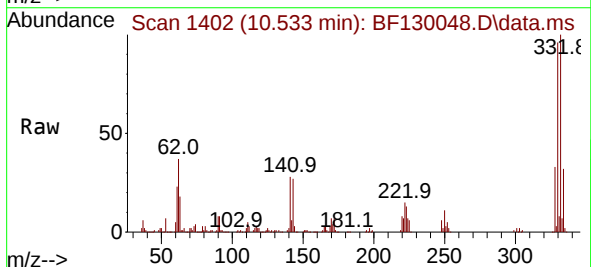
Instrument :
BNA_F
ClientSampleId :
B-2

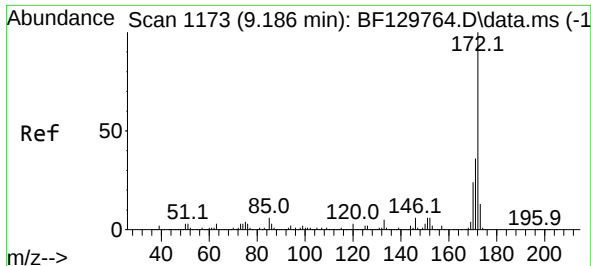
Tgt Ion:164 Resp: 197678
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 90.697 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:330 Resp: 179943
Ion Ratio Lower Upper
330 100
332 106.1 82.6 124.0
141 37.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 78.062 ng

RT: 9.057 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

B-2

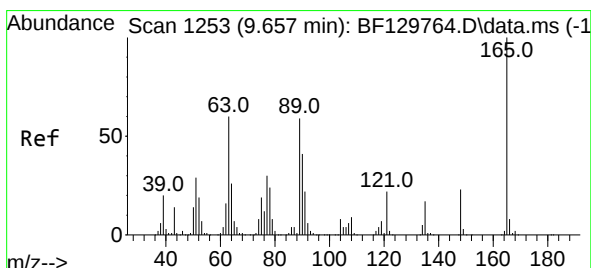
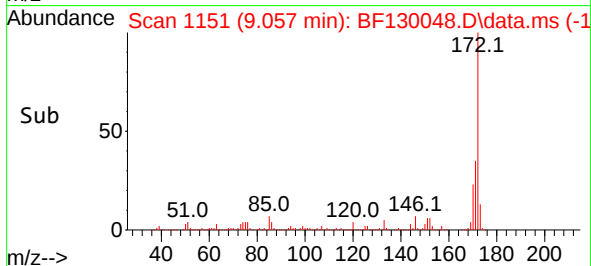
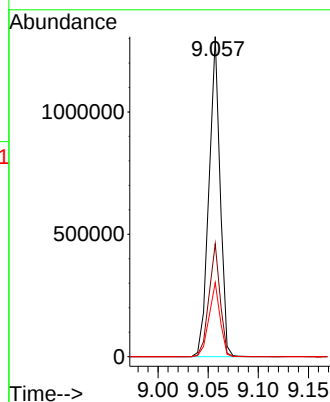
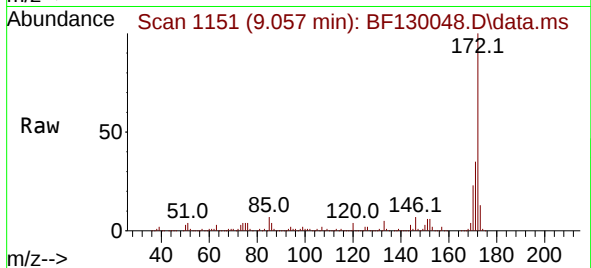
Tgt Ion:172 Resp: 1016010

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.213 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.188 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

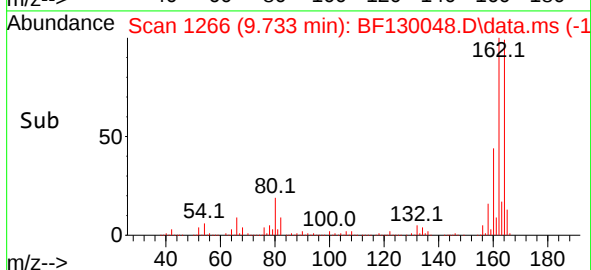
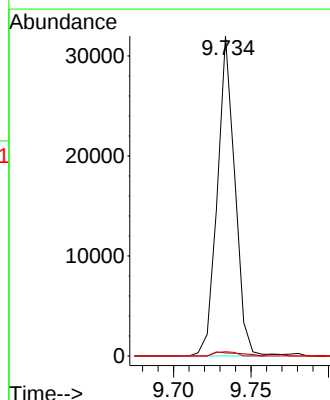
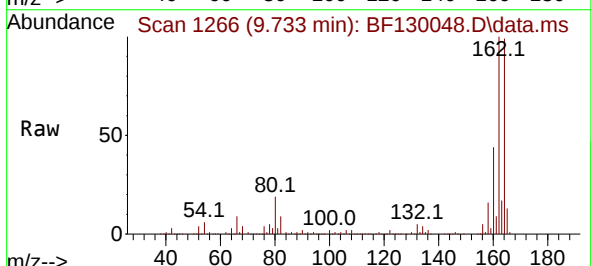
Tgt Ion:165 Resp: 25247

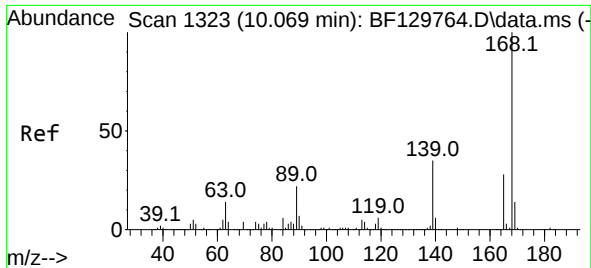
Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.4 47.2 70.8#

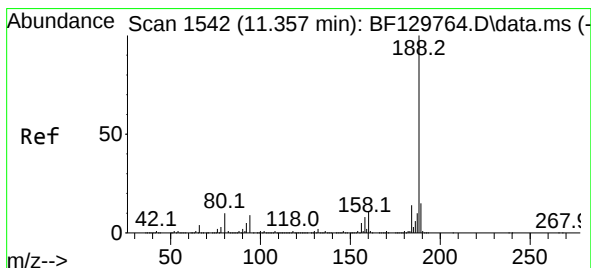
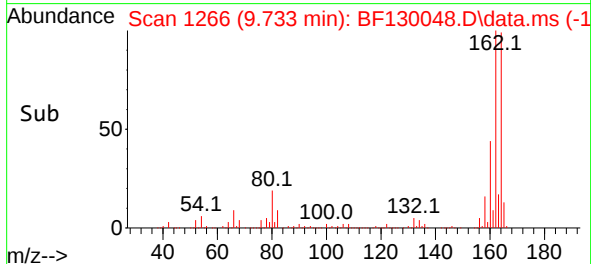
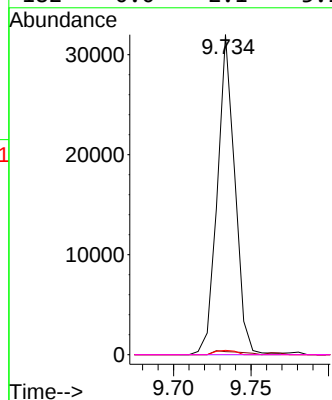
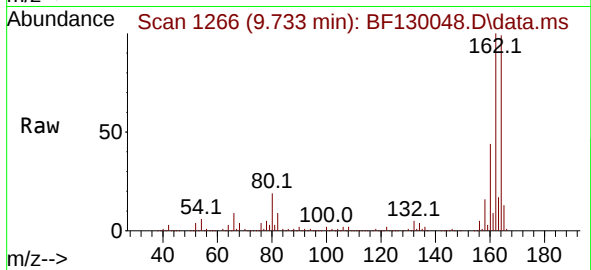




#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

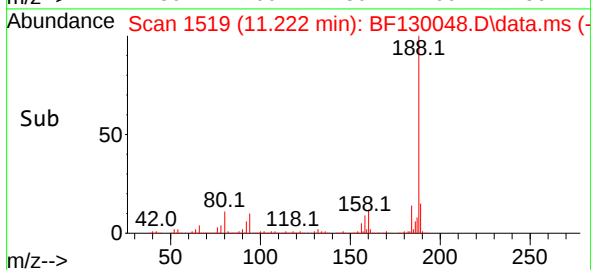
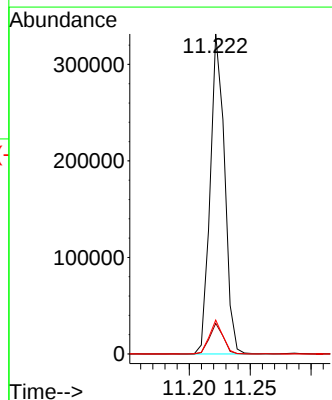
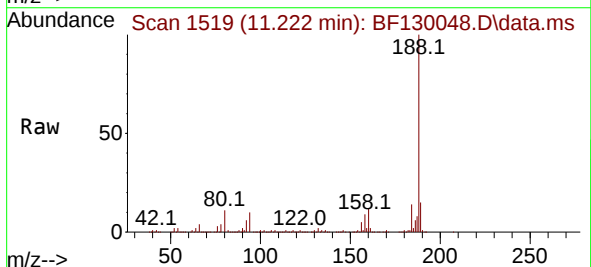
Instrument :
BNA_F
ClientSampleId :
B-2

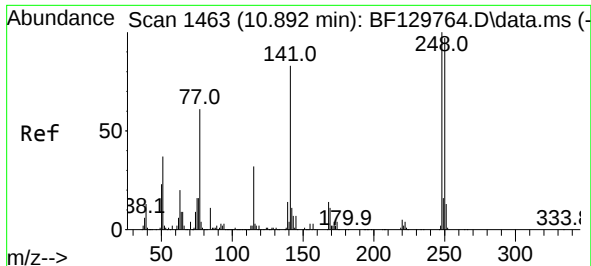
Tgt Ion:165 Resp: 25247
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:188 Resp: 271982
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 7.9 11.9

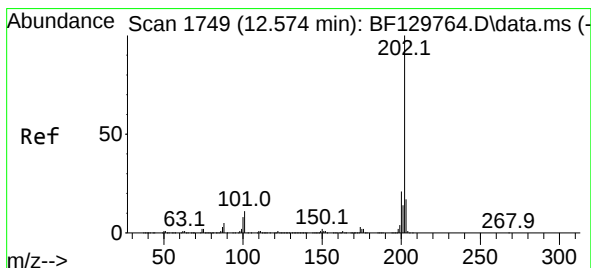
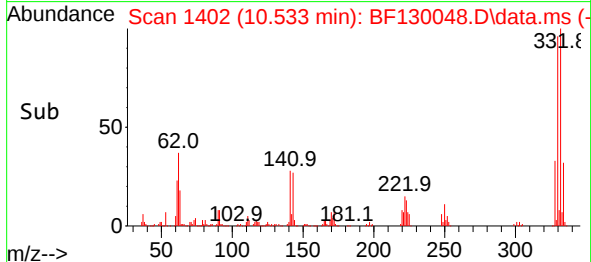
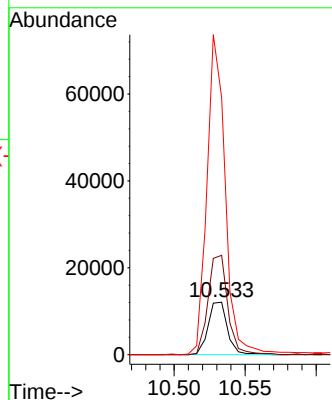
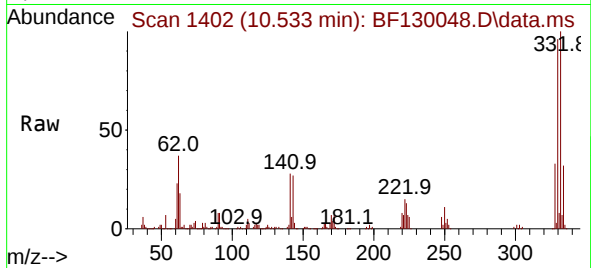




#67
4-Bromophenyl-phenylether
Concen: 3.609 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

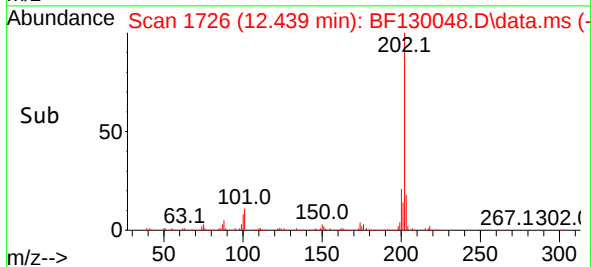
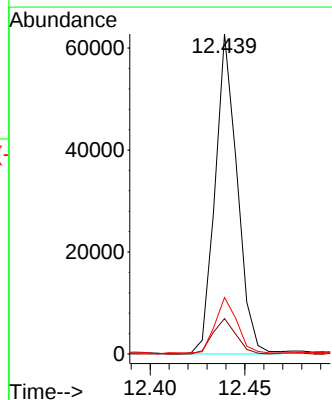
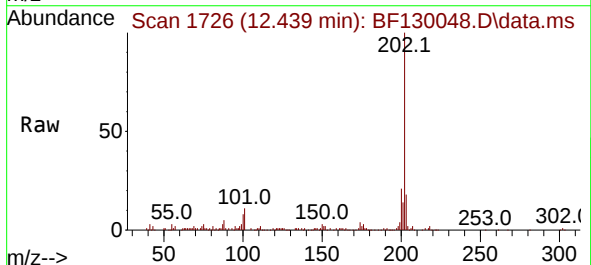
Instrument :
BNA_F
ClientSampleId :
B-2

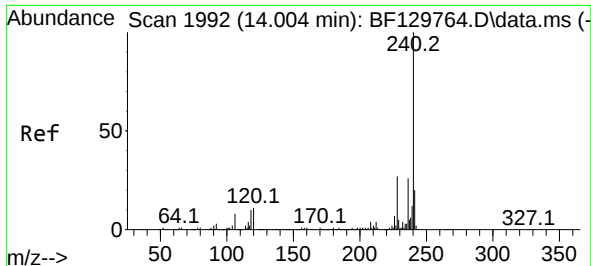
Tgt Ion:248 Resp: 11496
Ion Ratio Lower Upper
248 100
250 189.3 77.8 116.6#
141 489.9 66.2 99.2#



#75
Fluoranthene
Concen: 3.285 ng
RT: 12.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:202 Resp: 51064
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.6 0.0 37.5

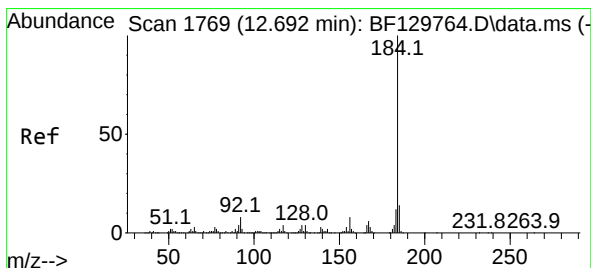
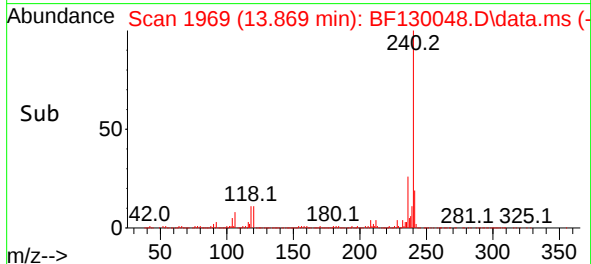
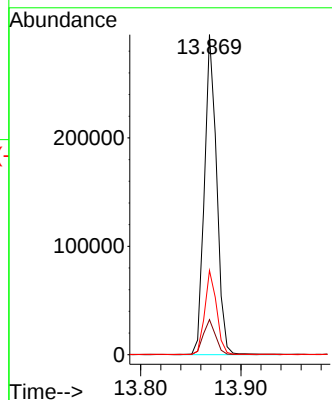
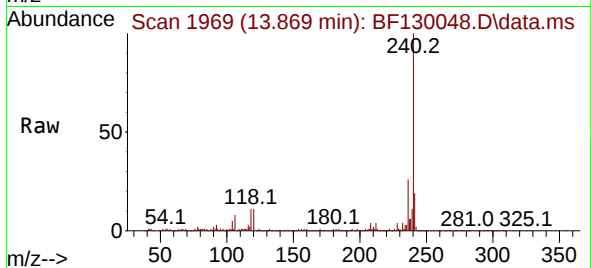




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

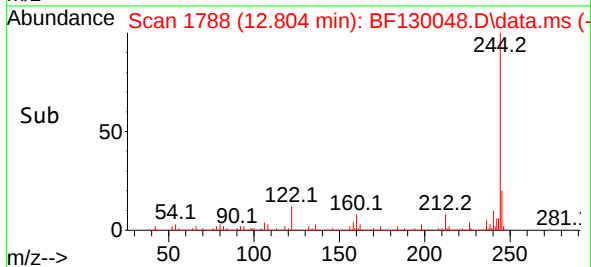
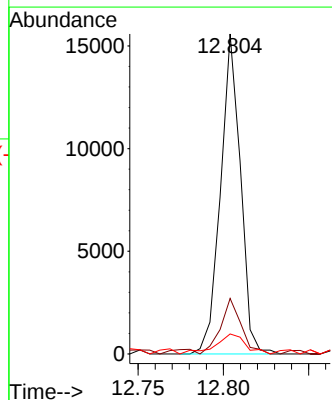
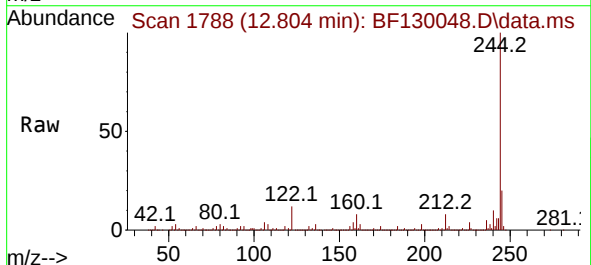
Instrument :
BNA_F
ClientSampleId :
B-2

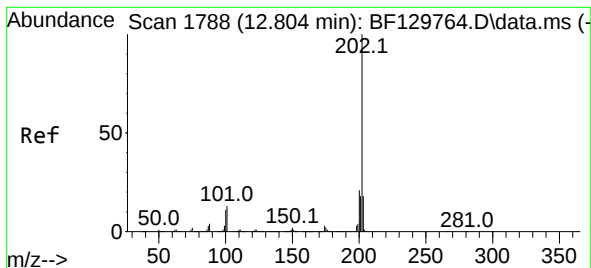
Tgt Ion:240 Resp: 251691
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.3 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.804 min Scan# 1788
Delta R.T. 0.236 min
Lab File: BF130048.D
Acq: 29 Aug 2022 22:48

Tgt Ion:184 Resp: 12696
Ion Ratio Lower Upper
184 100
185 17.4 11.4 17.2#
183 6.3 9.4 14.2#





#78

Pyrene

Concen: 2.389 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

B-2

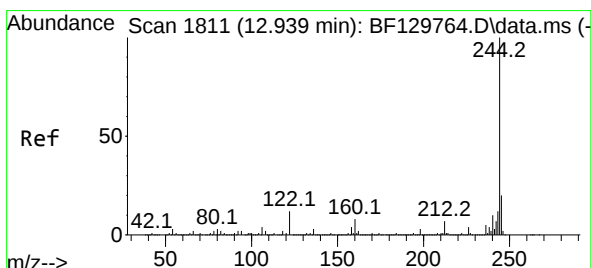
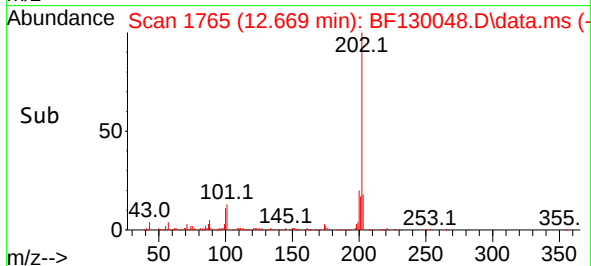
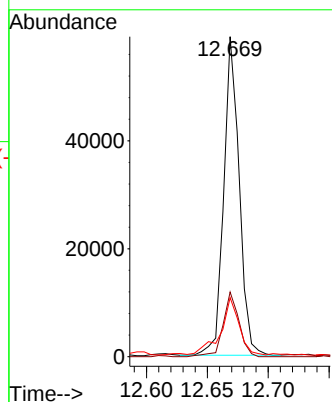
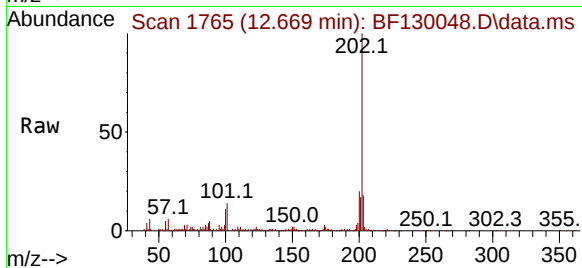
Tgt Ion:202 Resp: 52242

Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

203 18.4 14.1 21.1



#79

Terphenyl-d14

Concen: 54.556 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

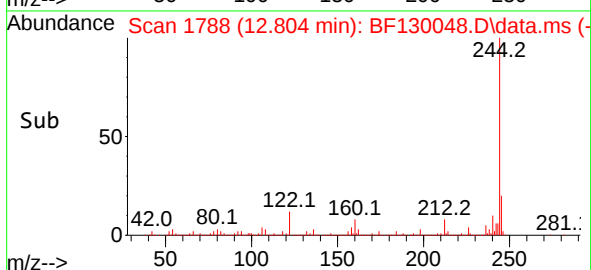
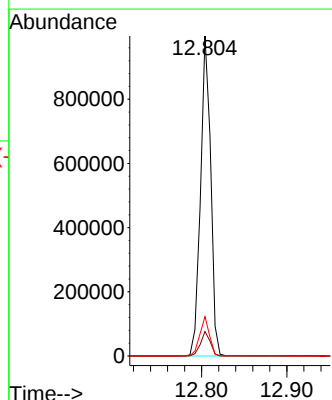
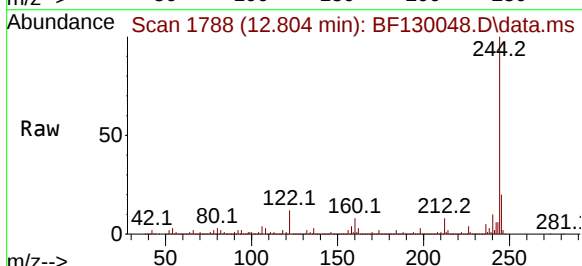
Tgt Ion:244 Resp: 825221

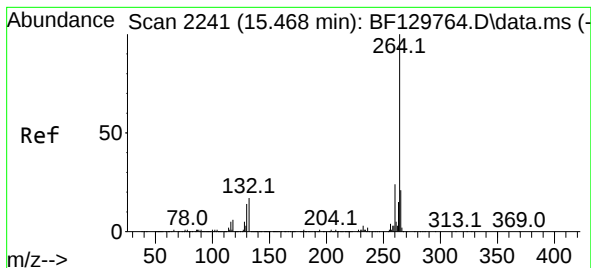
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 12.3 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2144

Delta R.T. -0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

B-2

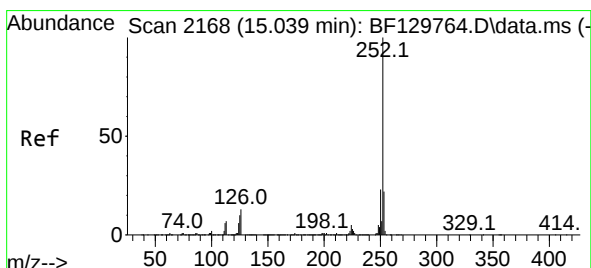
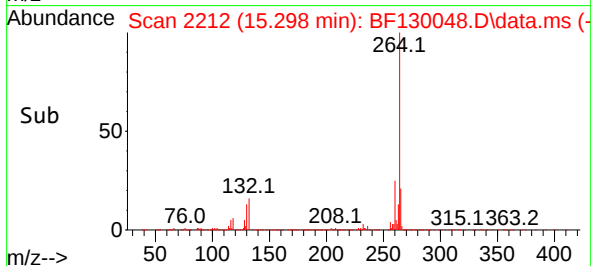
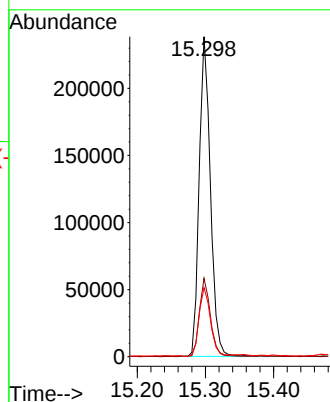
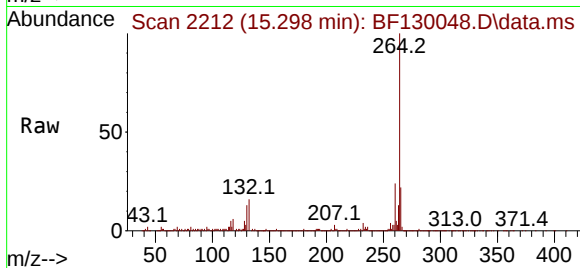
Tgt Ion:264 Resp: 271103

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.6 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 3.561 ng

RT: 14.898 min Scan# 2144

Delta R.T. 0.006 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

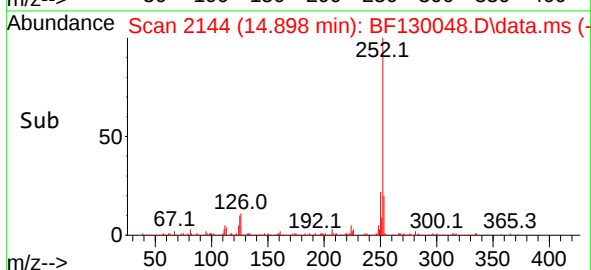
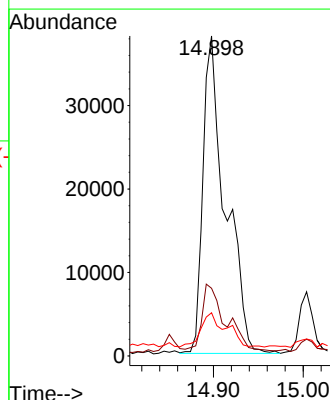
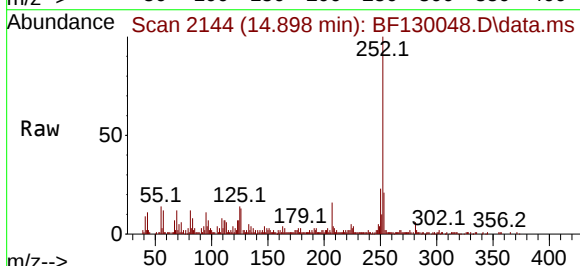
Tgt Ion:252 Resp: 66100

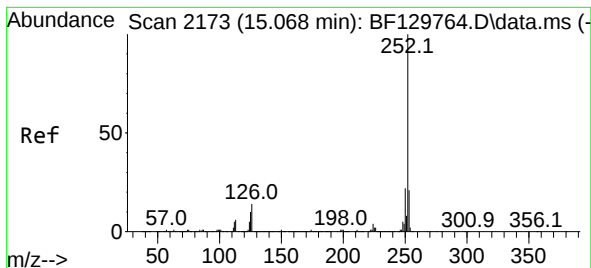
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 13.5 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 3.713 ng

RT: 14.898 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Instrument :

BNA_F

ClientSampleId :

B-2

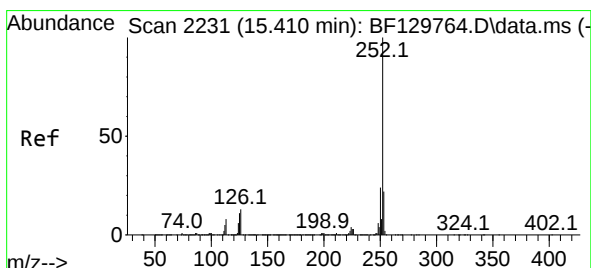
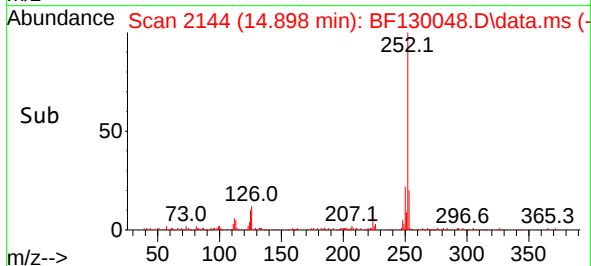
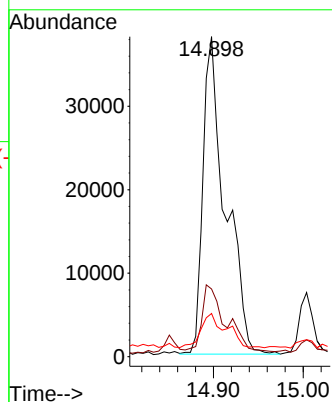
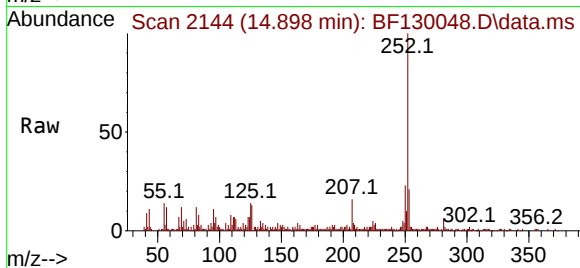
Tgt Ion:252 Resp: 66100

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 13.5 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.385 ng

RT: 15.245 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF130048.D

Acq: 29 Aug 2022 22:48

Tgt Ion:252 Resp: 34870

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 14.2 8.8 13.2#

