

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130044.D
 Acq On : 29 Aug 2022 20:32
 Operator : CG\JU
 Sample : N4355-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Quant Time: Aug 30 01:31:54 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)

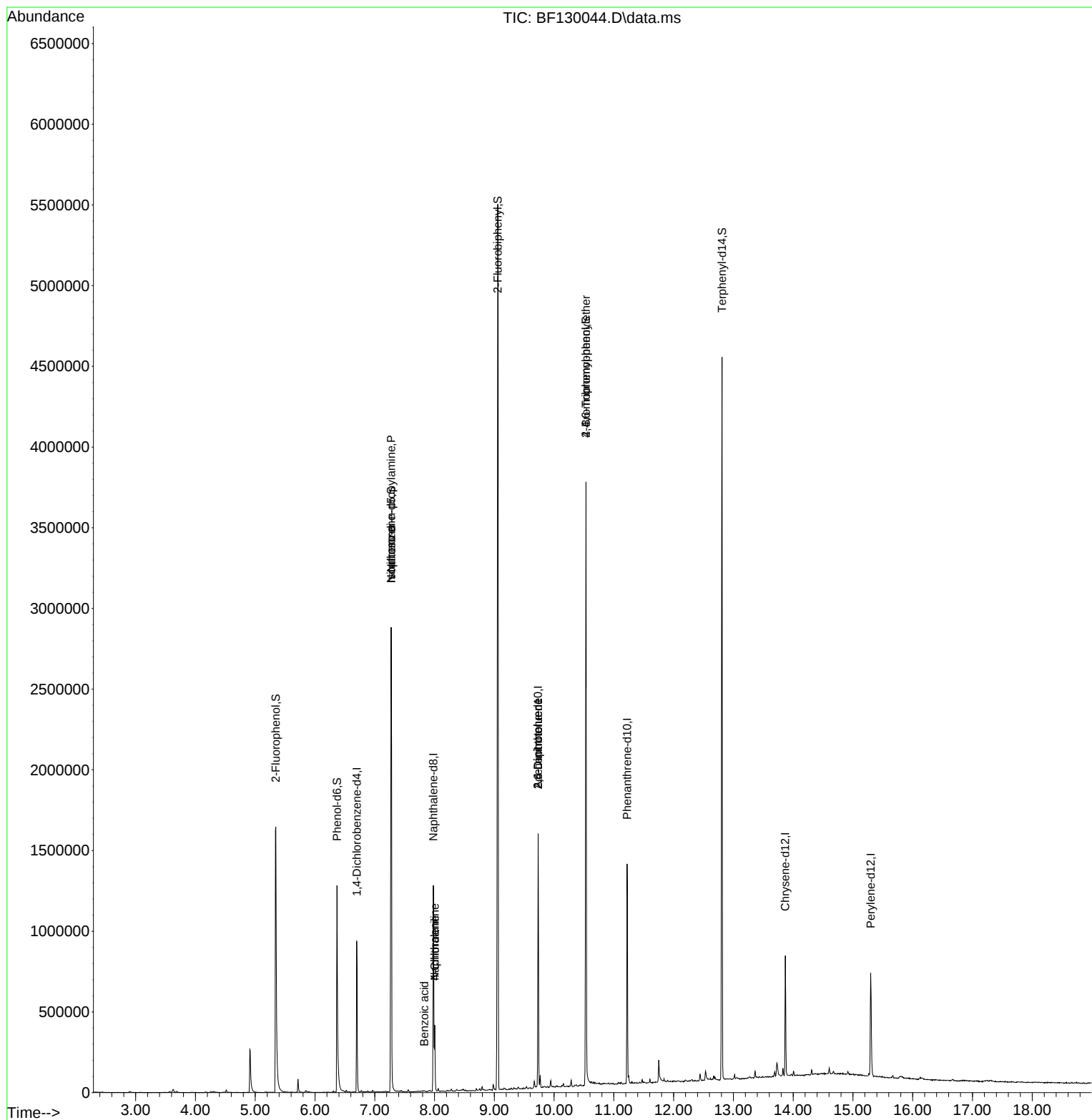
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	134125	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	541447	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	287353	20.000	ng	0.00
64) Phenanthrene-d10	11.221	188	468710	20.000	ng	0.00
76) Chrysene-d12	13.868	240	235788	20.000	ng	0.00
86) Perylene-d12	15.298	264	267353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	574142	70.875	ng	0.01
7) Phenol-d6	6.369	99	454597	44.812	ng	0.00
23) Nitrobenzene-d5	7.275	82	990915	97.970	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	433816	150.421	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1808398	95.583	ng	0.00
79) Terphenyl-d14	12.810	244	1415554	99.894	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.298	77	55	Below Cal	#	16
19) n-Nitroso-di-n-propyla...	7.275	70	135311	21.102	ng	# 78
25) Isophorone	7.275	82	990915	56.921	ng	# 65
31) Naphthalene	8.004	128	177176	6.258	ng	99
32) Benzoic acid	7.828	122	1741	2.860	ng	93
33) 4-Chloroaniline	8.004	127	22826	2.050	ng	# 35
51) 2,6-Dinitrotoluene	9.733	165	36921	8.263	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	36921	6.365	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	26865	4.894	ng	# 1
77) Benzidine	12.810	184	21196	Below Cal	#	92

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

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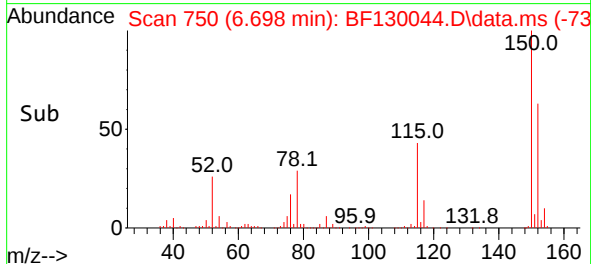
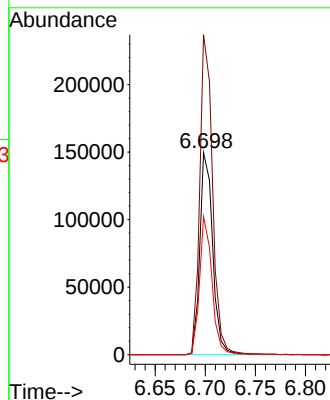
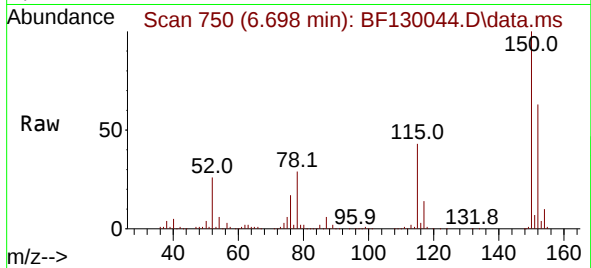




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

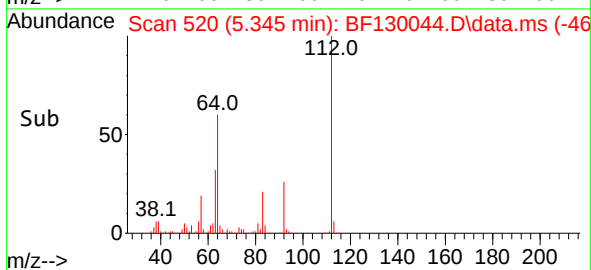
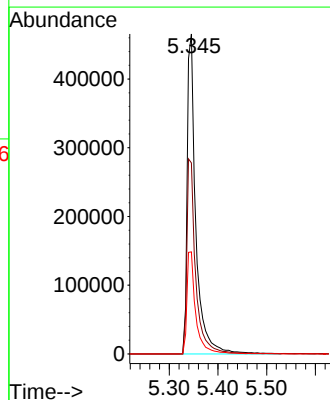
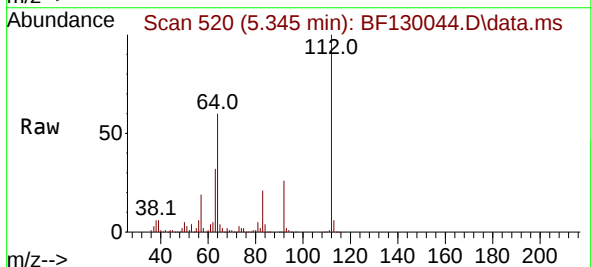
Instrument :
BNA_F
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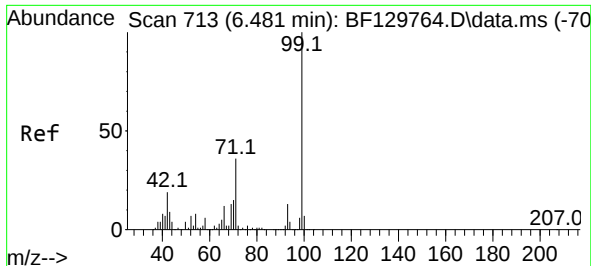
Tgt Ion:152 Resp: 134125
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 68.4 53.4 80.0



#5
2-Fluorophenol
Concen: 70.875 ng
RT: 5.345 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:112 Resp: 574142
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 31.9 24.6 37.0

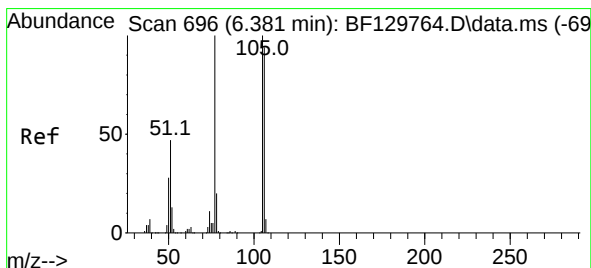
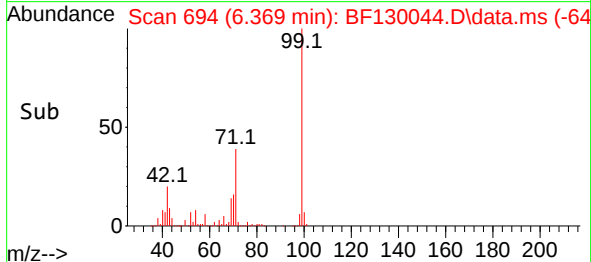
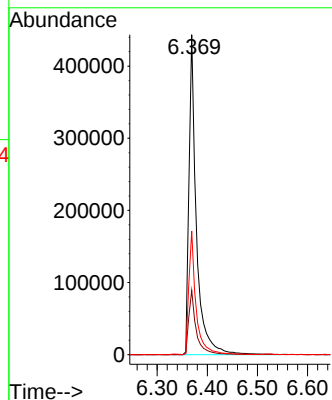
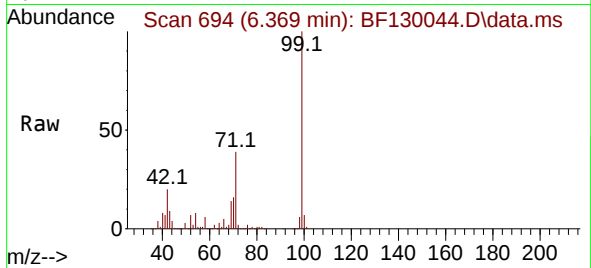




#7
Phenol-d6
Concen: 44.812 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

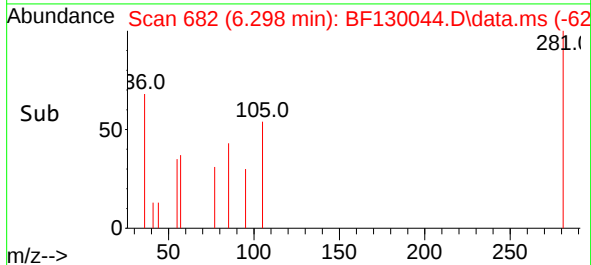
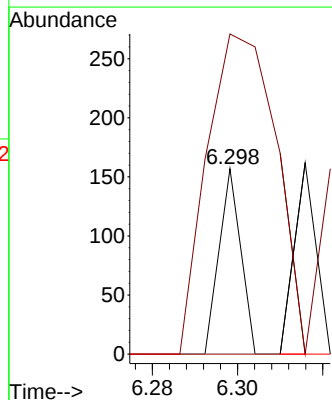
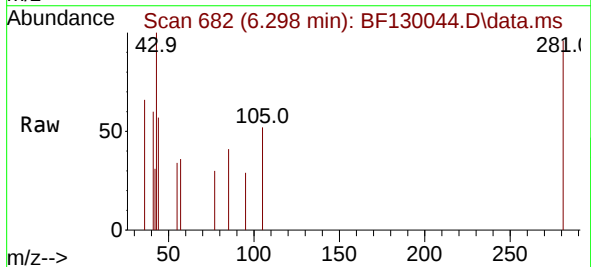
Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion: 99 Resp: 454597
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.298 min Scan# 682
Delta R.T. 0.035 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
105 172.6 80.3 120.3#
106 0.0 74.3 114.3#

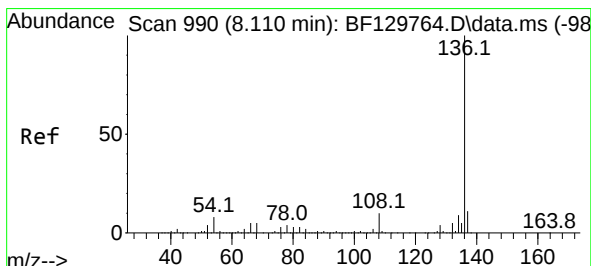
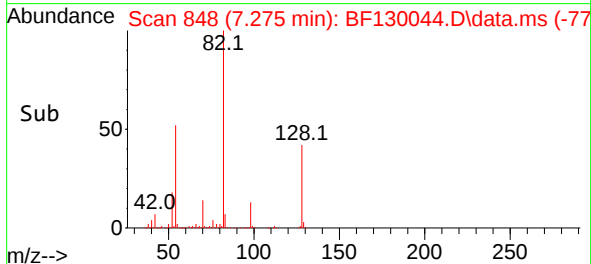
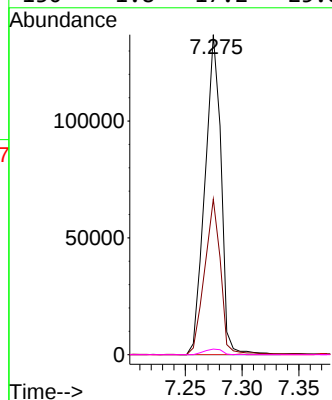
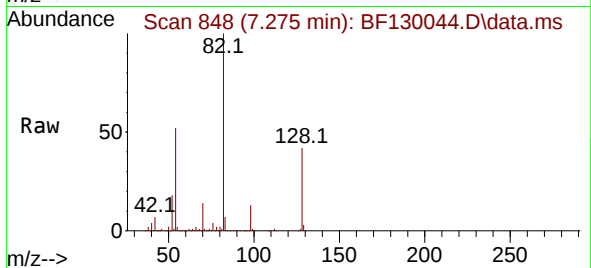




#19
n-Nitroso-di-n-propylamine
Concen: 21.102 ng
RT: 7.275 min Scan# 842
Delta R.T. 0.147 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

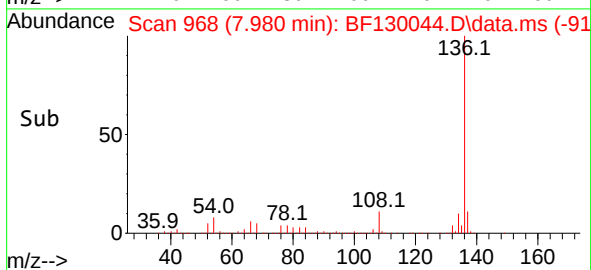
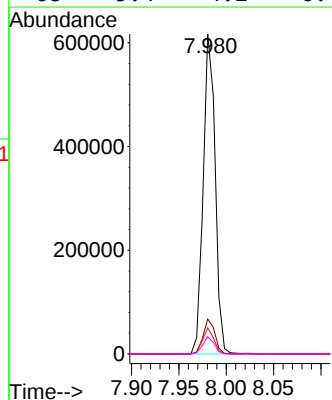
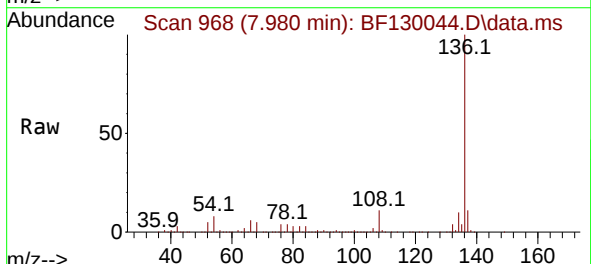
Instrument :
BNA_F
ClientSampleId :
MW-44

Tgt Ion: 70 Resp: 135311
Ion Ratio Lower Upper
70 100
42 48.6 47.6 71.4
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:136 Resp: 541447
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.1 6.2 9.2
68 5.4 4.2 6.4

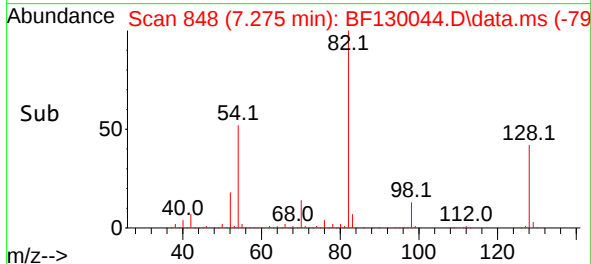
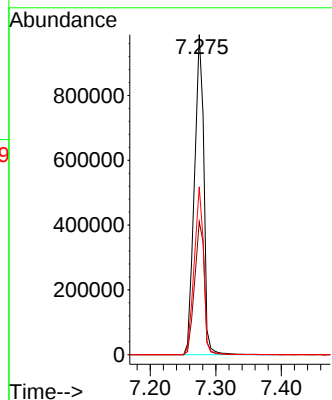
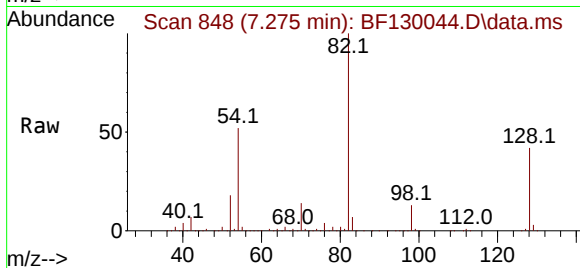




#23
Nitrobenzene-d5
Concen: 97.970 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

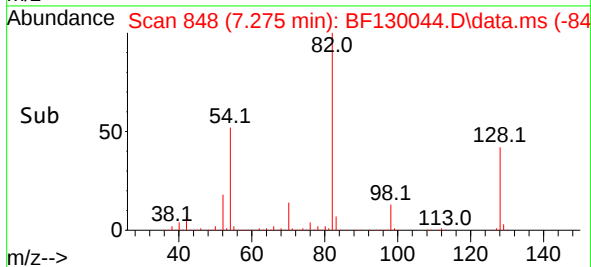
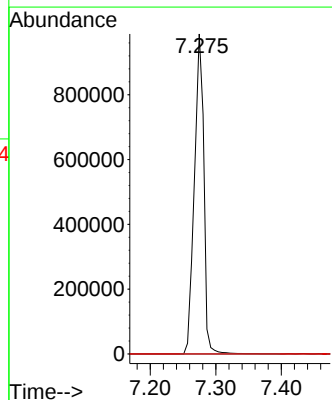
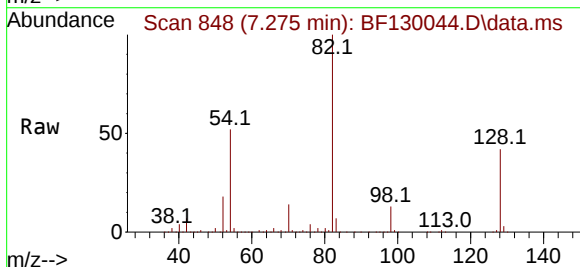
Instrument :
BNA_F
ClientSampleId :
MW-44

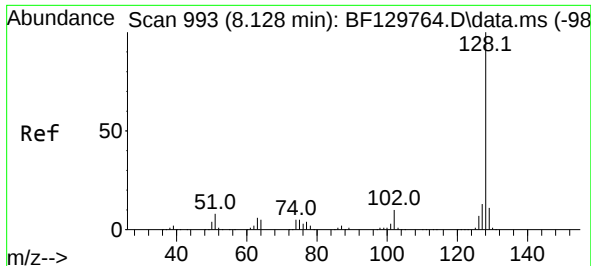
Tgt Ion: 82 Resp: 990915
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 52.4 40.0 60.0



#25
Isophorone
Concen: 56.921 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion: 82 Resp: 990915
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

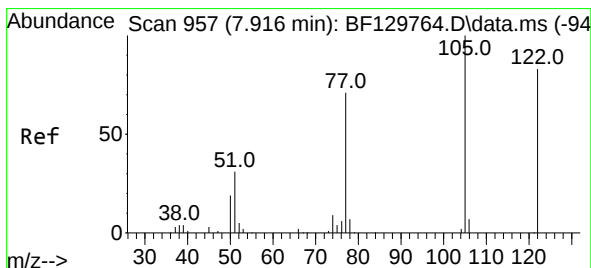
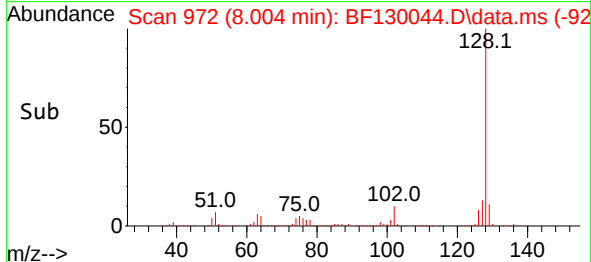
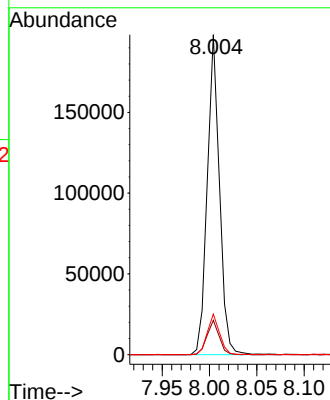
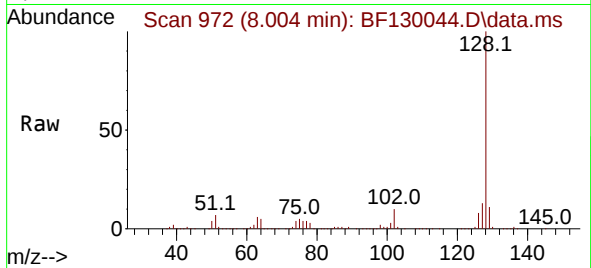




#31
Naphthalene
Concen: 6.258 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

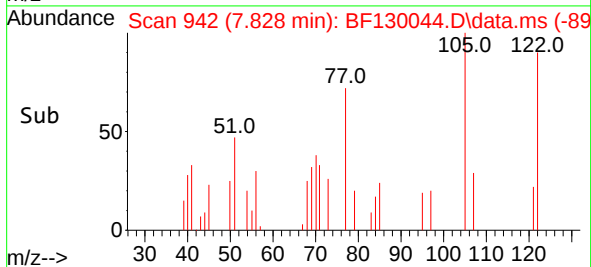
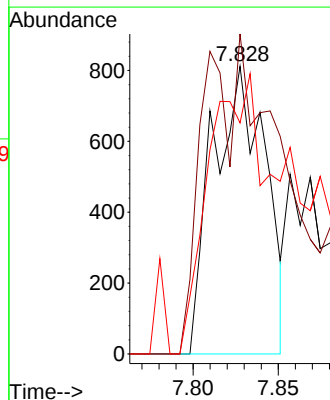
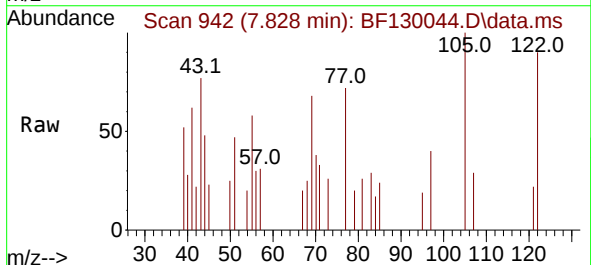
Instrument :
BNA_F
ClientSampleId :
MW-44

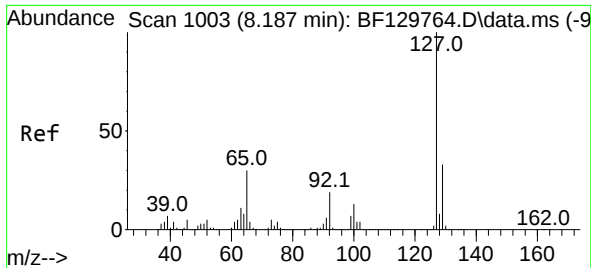
Tgt Ion:128 Resp: 177176
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.7 10.7 16.1



#32
Benzoic acid
Concen: 2.860 ng
RT: 7.828 min Scan# 942
Delta R.T. 0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:122 Resp: 1741
Ion Ratio Lower Upper
122 100
105 111.2 99.9 139.9
77 80.3 65.9 105.9

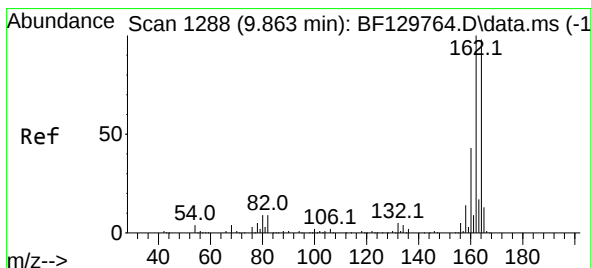
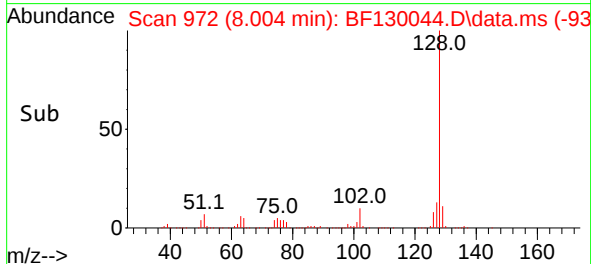
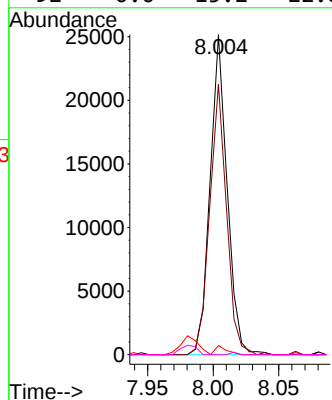
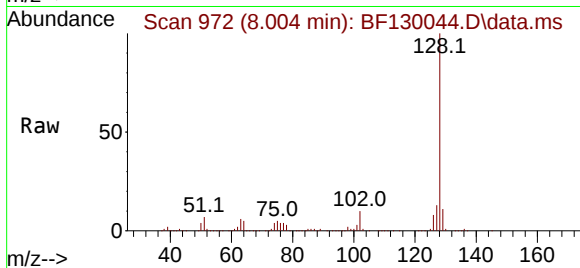




#33
4-Chloroaniline
Concen: 2.050 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

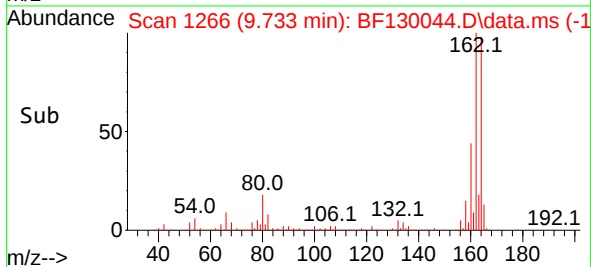
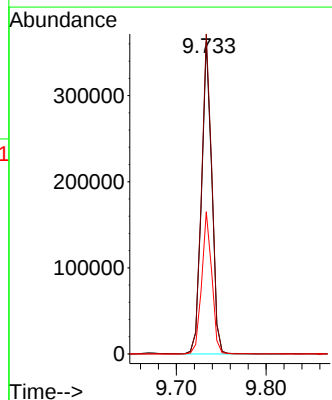
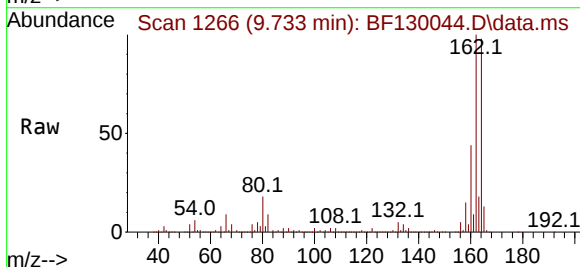
Instrument :
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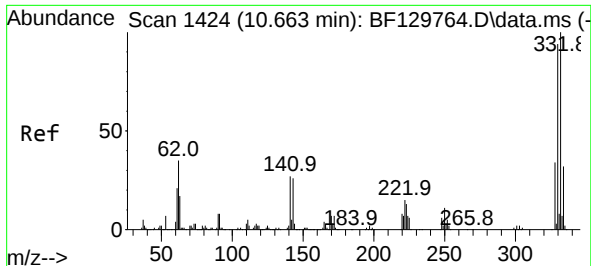
Tgt Ion:127	Resp:	22826
Ion Ratio	Lower	Upper
127	100	
129	84.6	26.7 40.1#
65	2.9	24.2 36.2#
92	0.0	15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:164	Resp:	287353
Ion Ratio	Lower	Upper
164	100	
162	102.5	82.0 123.0
160	45.6	35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.421 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

Instrument :

BNA_F

ClientSampleId :

MW-44

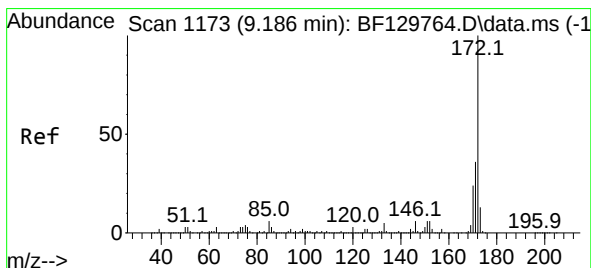
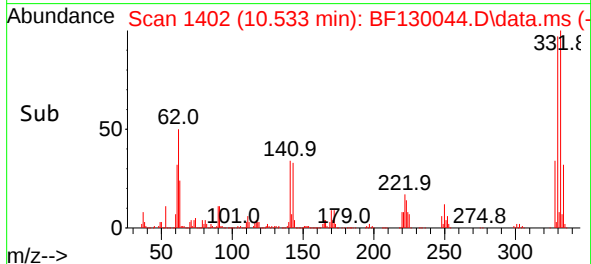
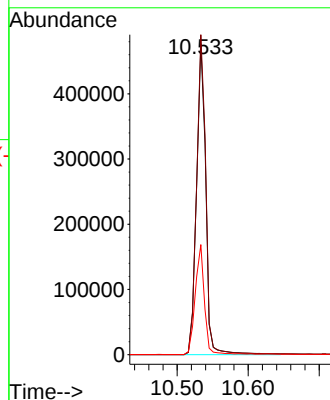
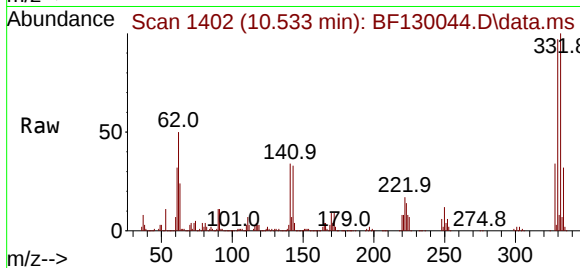
Tgt Ion:330 Resp: 433816

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 35.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 95.583 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

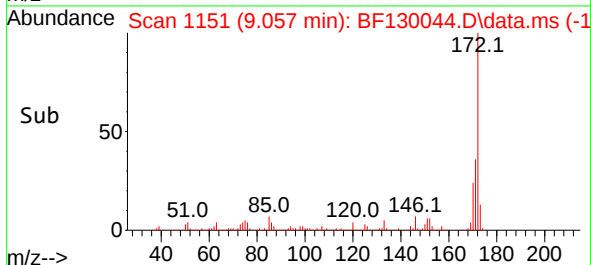
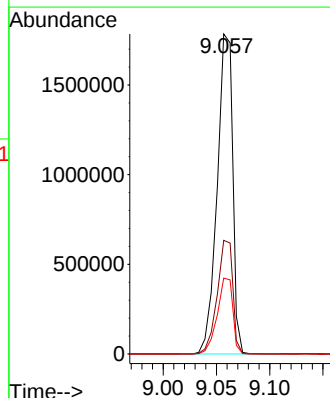
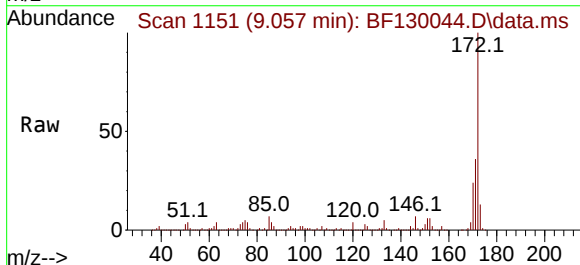
Tgt Ion:172 Resp: 1808398

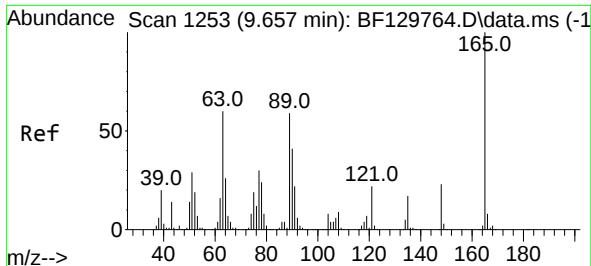
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.1 28.7

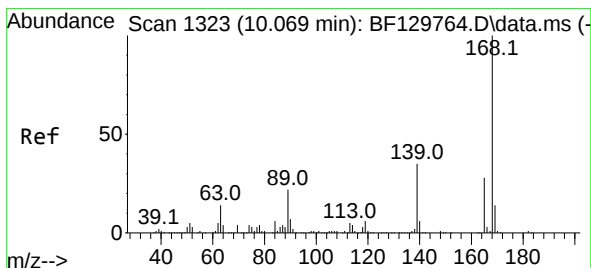
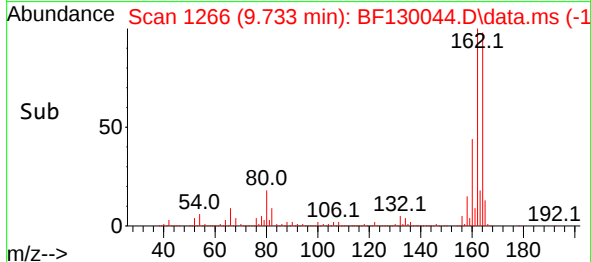
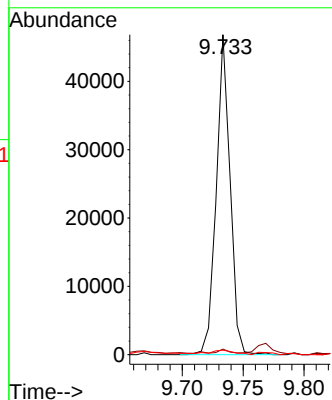
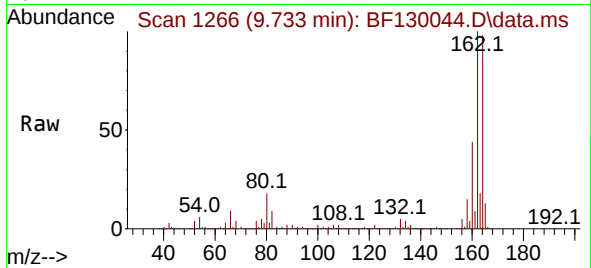




#51
2,6-Dinitrotoluene
Concen: 8.263 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

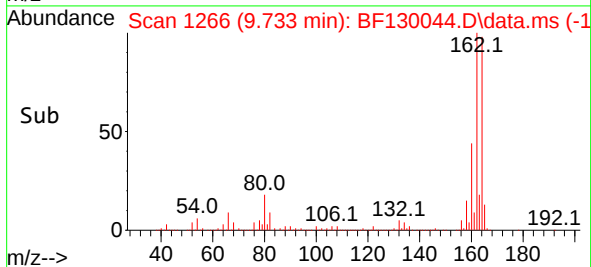
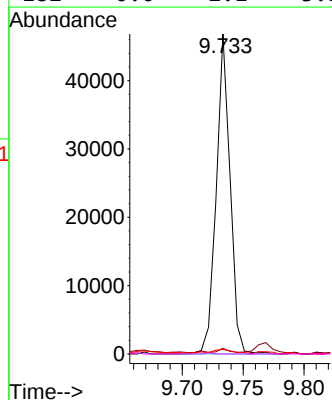
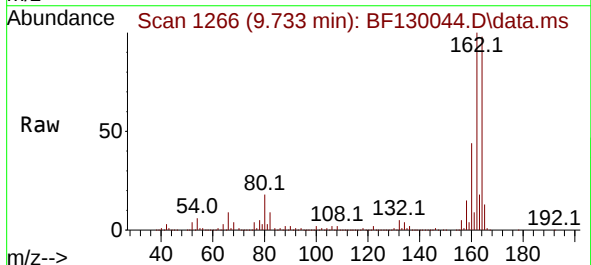
Instrument :
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ClientSampleId :
MW-44

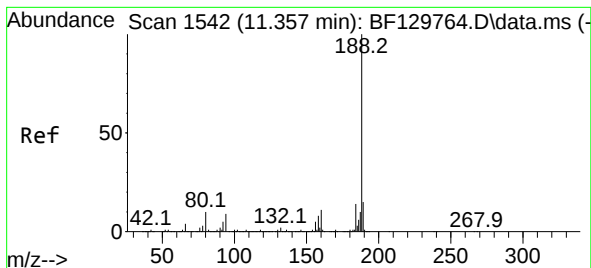
Tgt Ion:165 Resp: 36921
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.8#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.365 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.218 min
Lab File: BF130044.D
Acq: 29 Aug 2022 20:32

Tgt Ion:165 Resp: 36921
Ion Ratio Lower Upper
165 100
63 1.7 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: 11.221 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

Instrument :

BNA_F

ClientSampleId :

MW-44

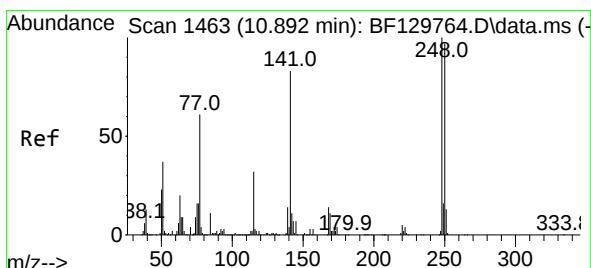
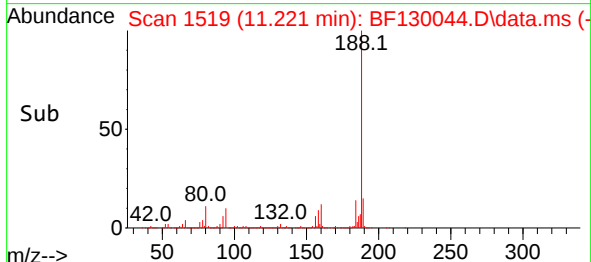
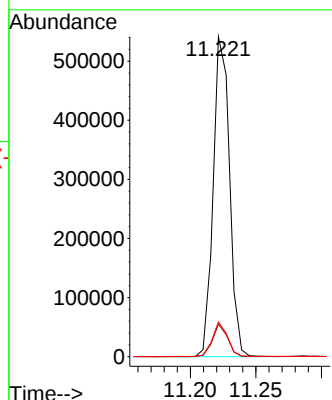
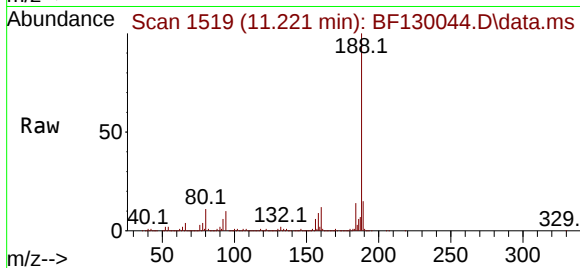
Tgt Ion:188 Resp: 468710

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

80 10.8 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.894 ng

RT: 10.533 min Scan# 1402

Delta R.T. -0.235 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

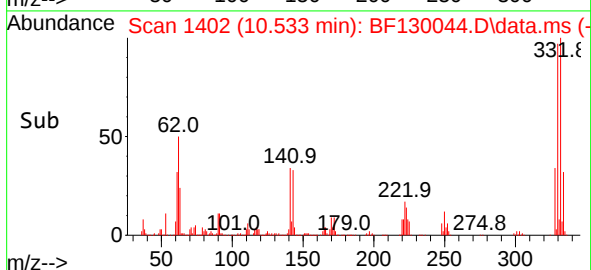
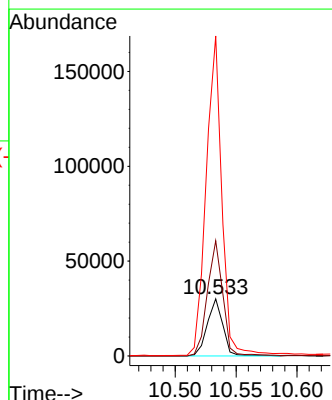
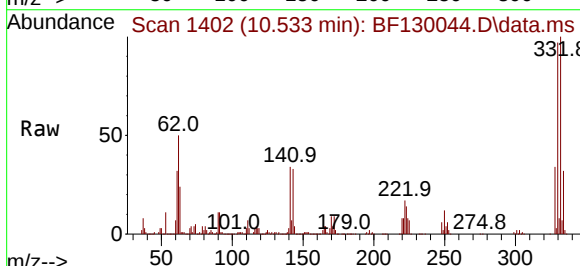
Tgt Ion:248 Resp: 26865

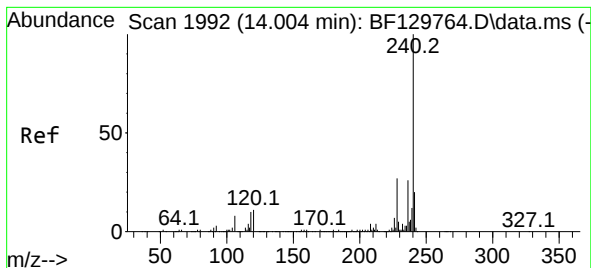
Ion Ratio Lower Upper

248 100

250 201.4 77.8 116.6#

141 559.5 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

Instrument :

BNA_F

ClientSampleId :

MW-44

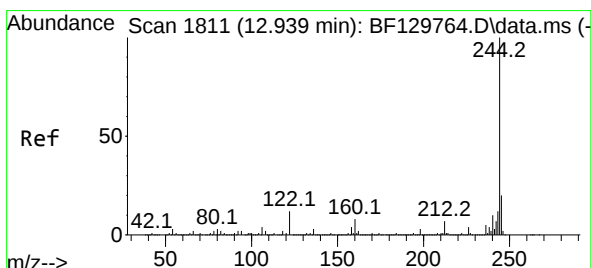
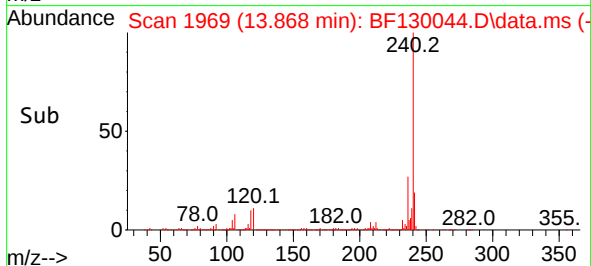
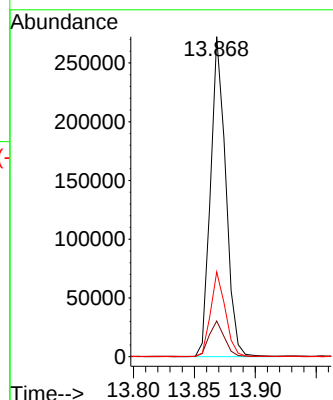
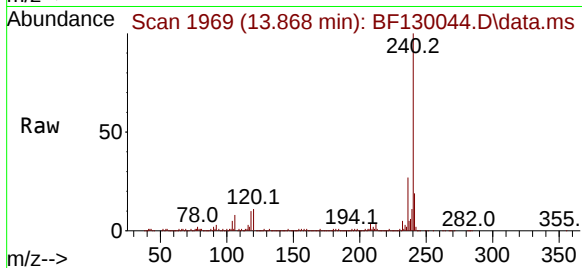
Tgt Ion:240 Resp: 235788

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 26.5 20.7 31.1



#79

Terphenyl-d14

Concen: 99.894 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130044.D

Acq: 29 Aug 2022 20:32

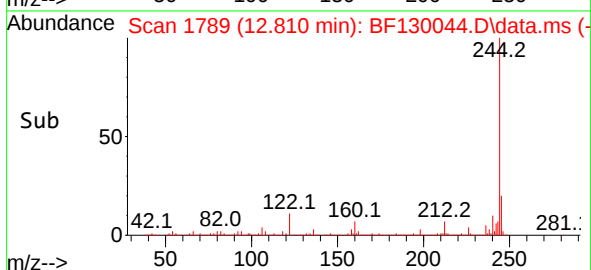
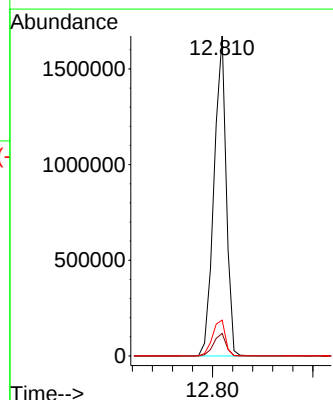
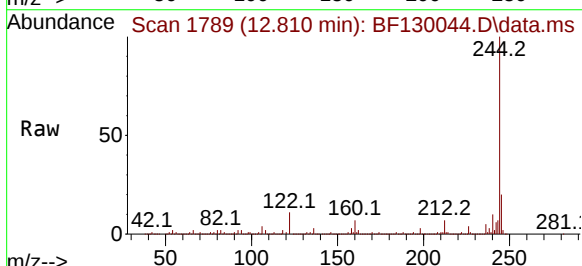
Tgt Ion:244 Resp: 1415554

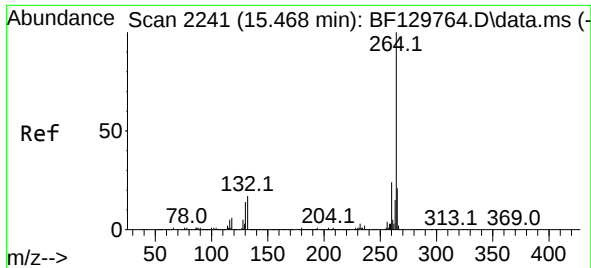
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.2 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130044.D
 Acq: 29 Aug 2022 20:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Tgt Ion:264 Resp: 267353
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 16.7 25.1

